

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143432.D
 Acq On : 18 Aug 2025 10:33
 Operator : RC/JU
 Sample : PB169256BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

Quant Time: Aug 18 12:04:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	123016	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	471004	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	263675	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	424732	20.000	ng	0.00
76) Chrysene-d12	14.086	240	226165	20.000	ng	0.00
86) Perylene-d12	15.574	264	260498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	687646	97.170	ng	0.01
7) Phenol-d6	6.563	99	870245	97.580	ng	0.00
23) Nitrobenzene-d5	7.487	82	805995	101.542	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248037	105.687	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1476237	94.170	ng	0.00
79) Terphenyl-d14	13.027	244	1439984	106.956	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	137957	40.500	ng	99
3) Pyridine	3.587	79	383890	42.969	ng	98
4) n-Nitrosodimethylamine	3.534	42	211181	50.855	ng	99
6) Aniline	6.593	93	494159	40.815	ng	99
8) 2-Chlorophenol	6.716	128	388671	49.748	ng	99
9) Benzaldehyde	6.475	77	213888	45.083	ng	100
10) Phenol	6.575	94	500506	48.093	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	373276	48.389	ng	99
12) 1,3-Dichlorobenzene	6.869	146	425782	48.651	ng	100
13) 1,4-Dichlorobenzene	6.945	146	429121	49.113	ng	100
14) 1,2-Dichlorobenzene	7.098	146	412189	49.391	ng	100
15) Benzyl Alcohol	7.069	79	337556	51.325	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	636828	48.289	ng	98
17) 2-Methylphenol	7.181	107	322459	50.586	ng	99
18) Hexachloroethane	7.440	117	142474	47.906	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	270636	49.018	ng	99
20) 3+4-Methylphenols	7.334	107	374819	49.187	ng	97
22) Acetophenone	7.334	105	508650	50.228	ng	99
24) Nitrobenzene	7.504	77	421836	50.849	ng	99
25) Isophorone	7.745	82	777411	51.173	ng	100
26) 2-Nitrophenol	7.822	139	199231	51.805	ng	99
27) 2,4-Dimethylphenol	7.863	122	346963m	53.359	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	468422	50.164	ng	100
29) 2,4-Dichlorophenol	8.069	162	334598	50.478	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	351529	51.758	ng	99
31) Naphthalene	8.234	128	1096477	49.035	ng	100
32) Benzoic acid	7.992	122	182069	53.838	ng	98
33) 4-Chloroaniline	8.275	127	271237	33.605	ng	98
34) Hexachlorobutadiene	8.351	225	214757	49.587	ng	98
35) Caprolactam	8.645	113	106542m	55.828	ng	
36) 4-Chloro-3-methylphenol	8.763	107	358150	52.463	ng	99
37) 2-Methylnaphthalene	8.922	142	670156	44.462	ng	99
38) 1-Methylnaphthalene	9.022	142	692848	47.978	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	346649	47.141	ng	98
41) Hexachlorocyclopentadiene	9.081	237	368119	132.543	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	227299	49.551	ng	98

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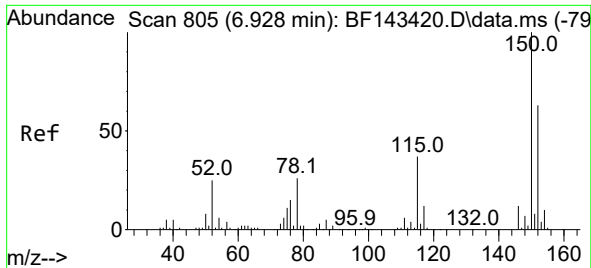
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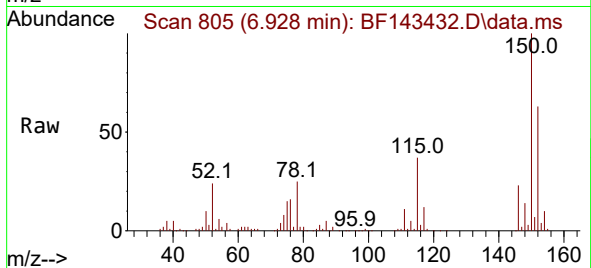
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	251842	51.218	ng	99
46) 1,1'-Biphenyl	9.386	154	913784	49.324	ng	99
47) 2-Chloronaphthalene	9.410	162	711481	48.652	ng	99
48) 2-Nitroaniline	9.504	65	228010	52.393	ng	96
49) Acenaphthylene	9.828	152	1143201	54.143	ng	99
50) Dimethylphthalate	9.681	163	853912	51.944	ng	100
51) 2,6-Dinitrotoluene	9.745	165	185428	57.220	ng	97
52) Acenaphthene	9.998	154	747542	52.640	ng	100
53) 3-Nitroaniline	9.910	138	135285	37.477	ng	99
54) 2,4-Dinitrophenol	10.022	184	160345	104.524	ng	96
55) Dibenzofuran	10.169	168	1009754	49.290	ng	98
56) 4-Nitrophenol	10.081	139	261953	115.424	ng	99
57) 2,4-Dinitrotoluene	10.151	165	251963	58.318	ng	98
58) Fluorene	10.510	166	773997	49.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	220551	59.254	ng	99
60) Diethylphthalate	10.381	149	788488	51.905	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	388170	49.887	ng	96
62) 4-Nitroaniline	10.528	138	184271	54.584	ng	98
63) Azobenzene	10.663	77	799381	52.064	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	119928	54.725	ng	94
66) n-Nitrosodiphenylamine	10.622	169	693939	50.248	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	251773	50.199	ng	99
68) Hexachlorobenzene	11.063	284	268208	50.302	ng	99
69) Atrazine	11.145	200	216563	53.613	ng	99
70) Pentachlorophenol	11.257	266	264390	112.754	ng	99
71) Phenanthrene	11.475	178	1118613	48.635	ng	99
72) Anthracene	11.528	178	1144316	49.259	ng	99
73) Carbazole	11.680	167	975657	49.658	ng	100
74) Di-n-butylphthalate	12.004	149	1078810	55.139	ng	99
75) Fluoranthene	12.663	202	1023073	50.061	ng	100
77) Benzidine	12.774	184	348234	51.561	ng	99
78) Pyrene	12.892	202	1010934	51.427	ng	100
80) Butylbenzylphthalate	13.498	149	284383	58.407	ng	100
81) Benzo(a)anthracene	14.074	228	731638	50.812	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	134134	31.817	ng	100
83) Chrysene	14.116	228	692560	52.027	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	362867	52.478	ng	99
85) Di-n-octyl phthalate	14.668	149	678349	48.368	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	973070	49.812	ng	100
88) Benzo(b)fluoranthene	15.139	252	726149	52.010	ng	99
89) Benzo(k)fluoranthene	15.168	252	731388	53.112	ng	99
90) Benzo(a)pyrene	15.515	252	726611	54.641	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	793736	50.597	ng	99
92) Benzo(g,h,i)perylene	17.557	276	801965	51.174	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33

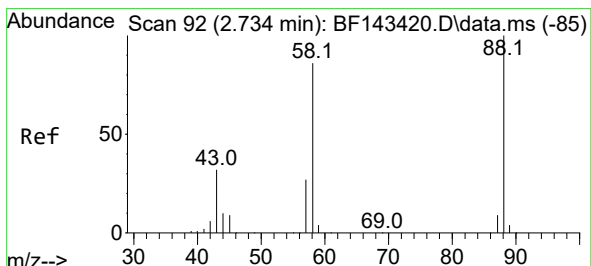
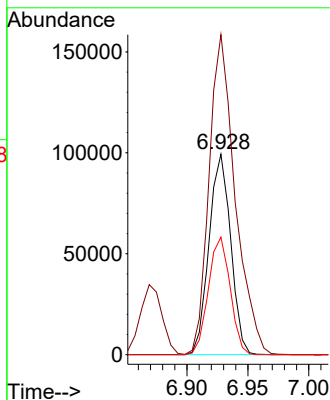
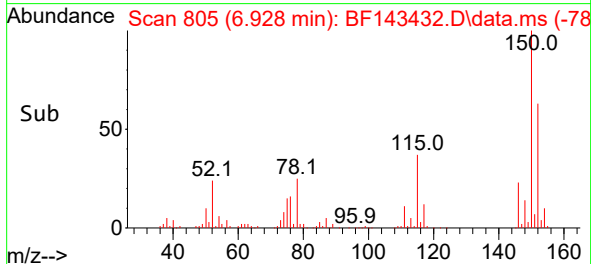
Instrument :
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Tgt Ion:152 Resp: 123010
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.4 191.2
 115 58.7 47.5 71.3

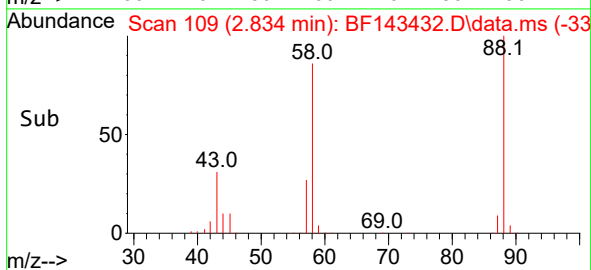
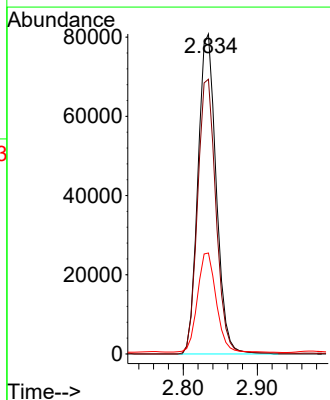
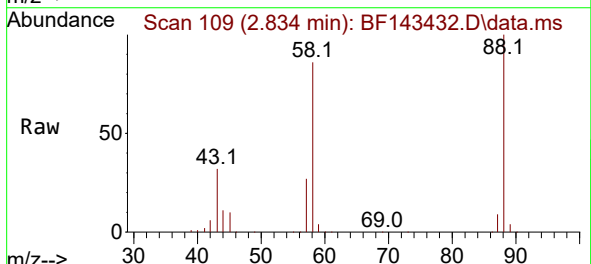
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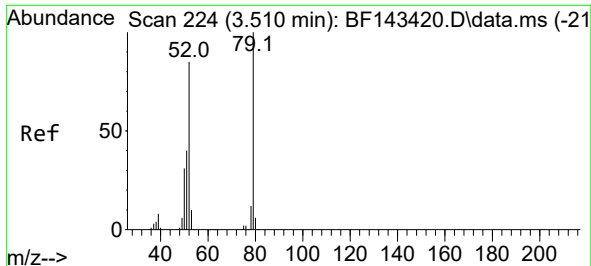
Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025



#2
 1,4-Dioxane
 Concen: 40.500 ng
 RT: 2.834 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33

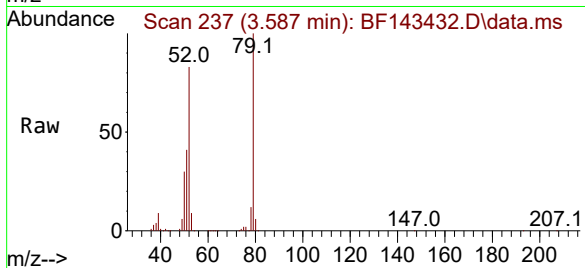
Tgt Ion: 88 Resp: 137957
 Ion Ratio Lower Upper
 88 100
 58 87.1 68.7 103.1
 43 32.5 26.1 39.1





#3
Pyridine
Concen: 42.969 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

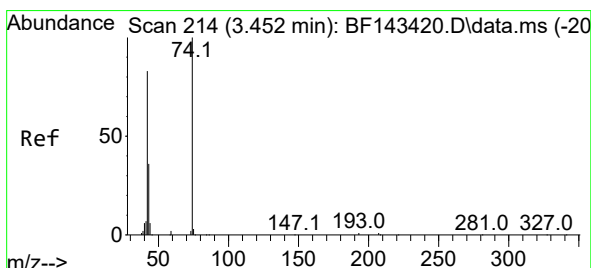
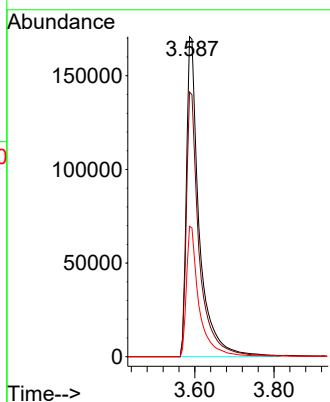
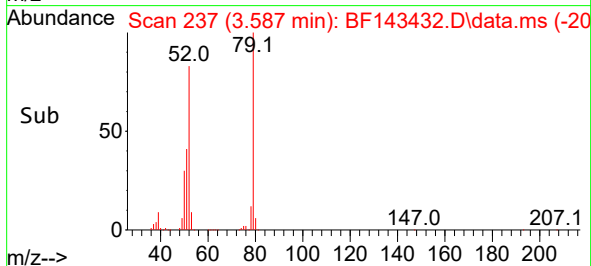
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Tgt Ion: 79 Resp: 383890
Ion Ratio Lower Upper
79 100
52 82.7 67.7 101.5
51 40.8 32.3 48.5

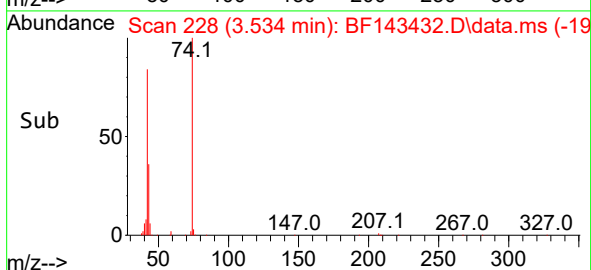
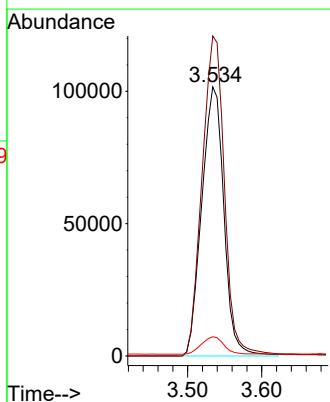
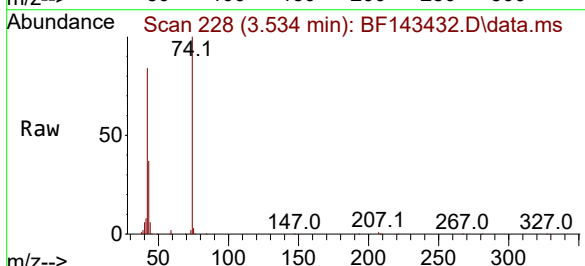
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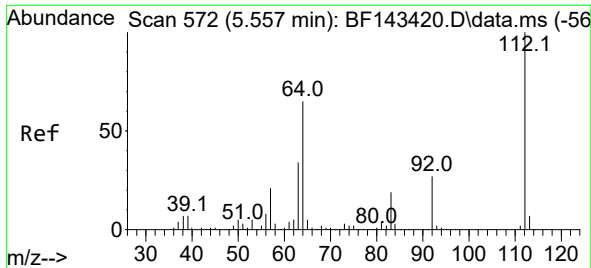
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Supervised By :Jagrut Upadhyay 08/19/2025



#4
n-Nitrosodimethylamine
Concen: 50.855 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.082 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Tgt Ion: 42 Resp: 211181
Ion Ratio Lower Upper
42 100
74 118.9 96.2 144.4
44 7.1 5.9 8.9





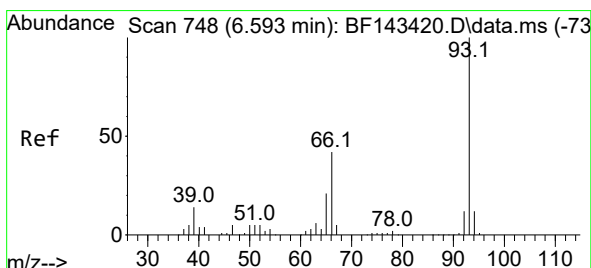
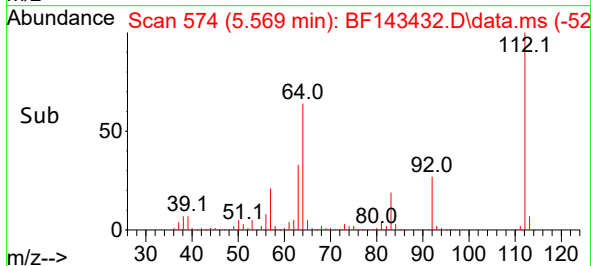
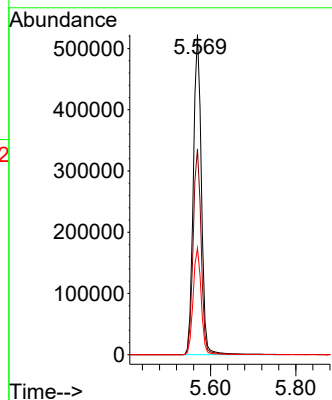
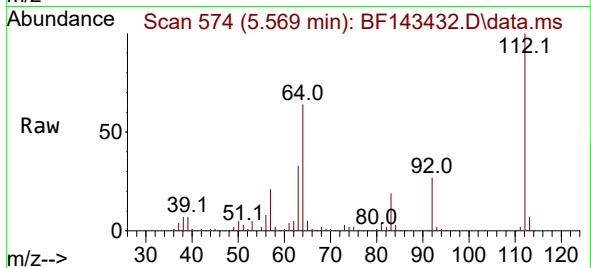
#5
2-Fluorophenol
Concen: 97.170 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

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Tgt Ion:112 Resp: 687640
Ion Ratio Lower Upper
112 100
64 64.3 52.2 78.2
63 33.3 27.0 40.6

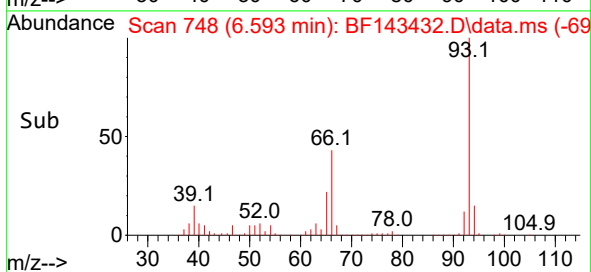
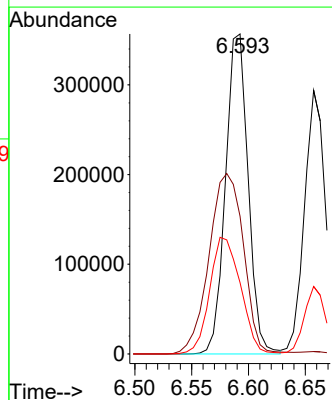
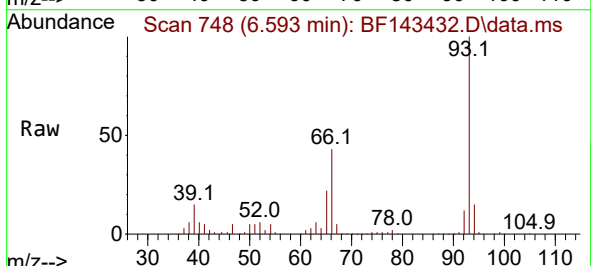
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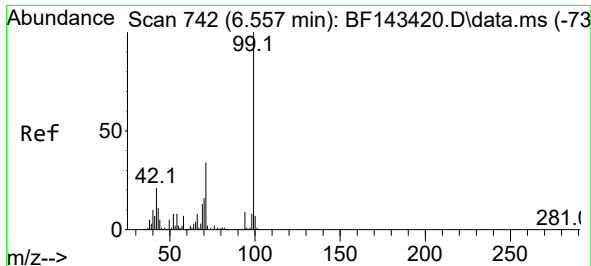
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Supervised By :Jagrut Upadhyay 08/19/2025



#6
Aniline
Concen: 40.815 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

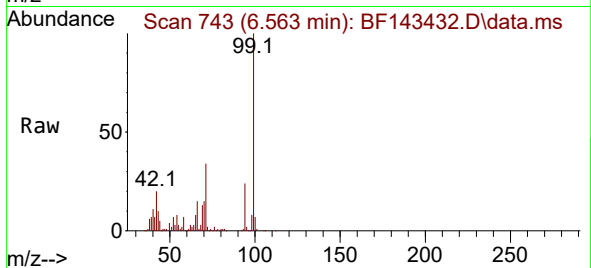
Tgt Ion: 93 Resp: 494159
Ion Ratio Lower Upper
93 100
66 43.0 33.8 50.8
65 22.3 17.2 25.8





#7
Phenol-d6
Concen: 97.580 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

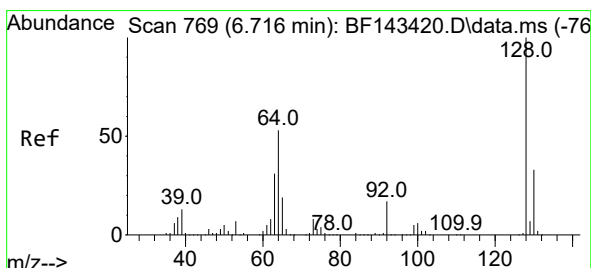
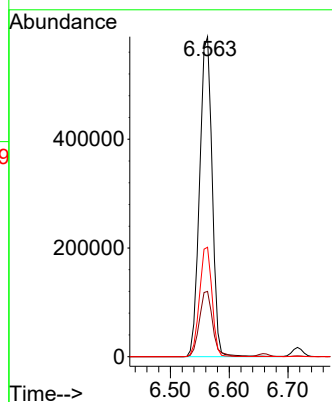
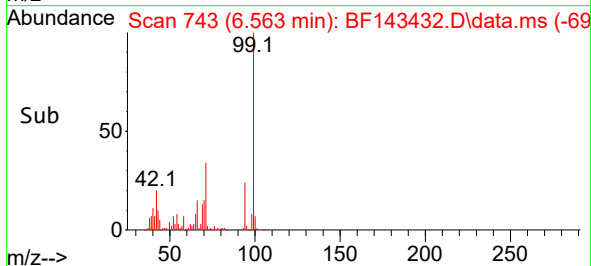
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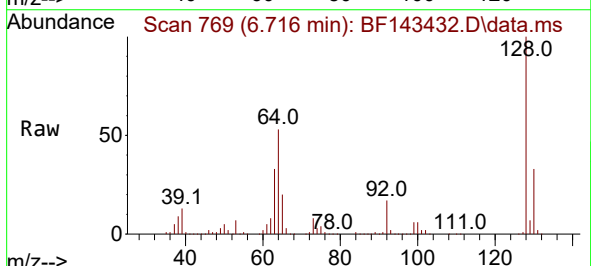
Tgt Ion: 99 Resp: 870245
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 34.2 27.4 41.2

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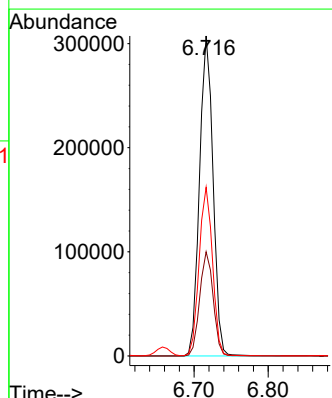
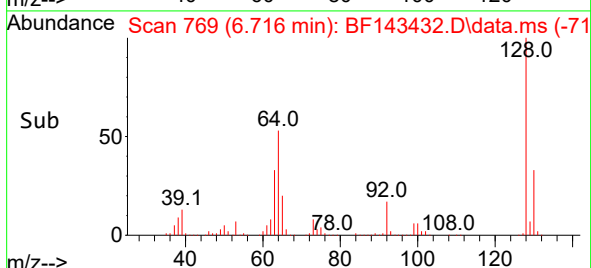
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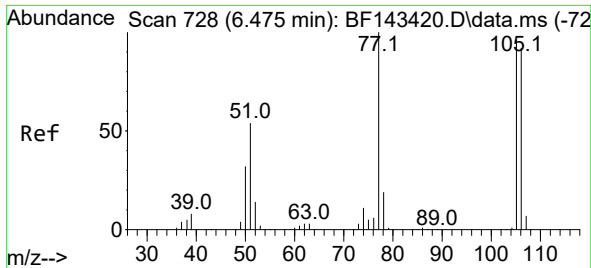


#8
2-Chlorophenol
Concen: 49.748 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143432.D
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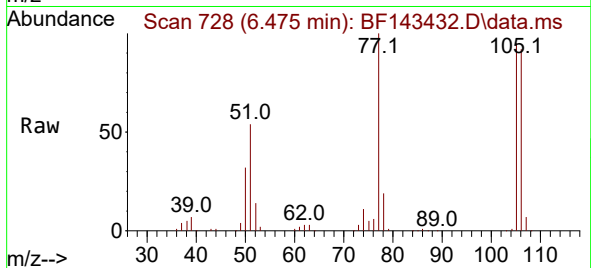
Tgt Ion:128 Resp: 388671
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 52.7 33.1 73.1





#9
Benzaldehyde
Concen: 45.083 ng
RT: 6.475 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

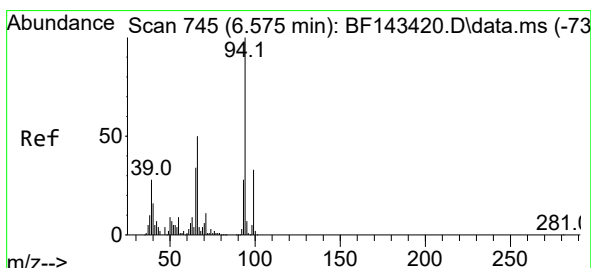
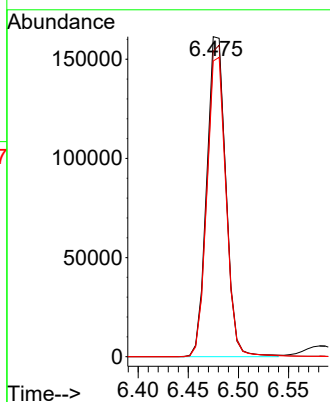
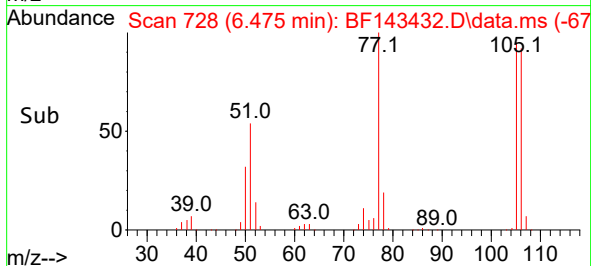
Instrument :
BNA_F
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PB169256BSD



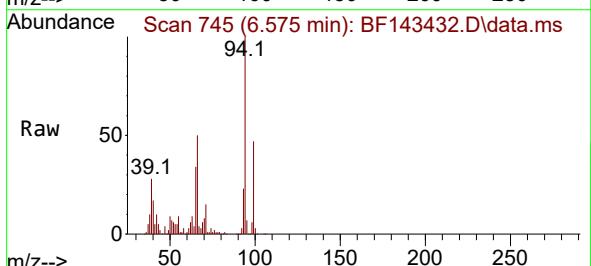
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Ion Ratio Lower Upper
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106 92.4 72.0 112.0

Manual Integrations
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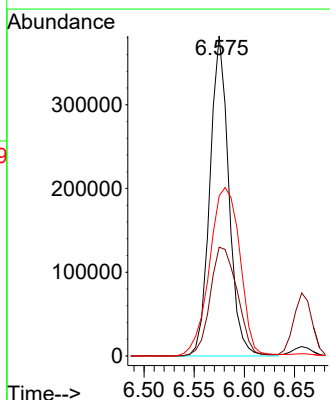
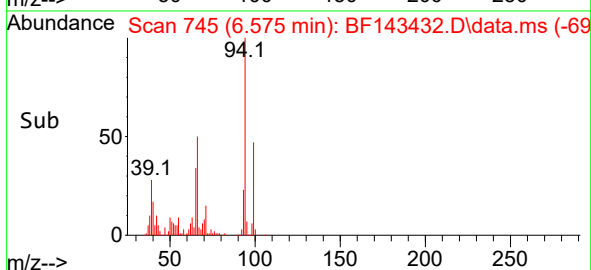
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

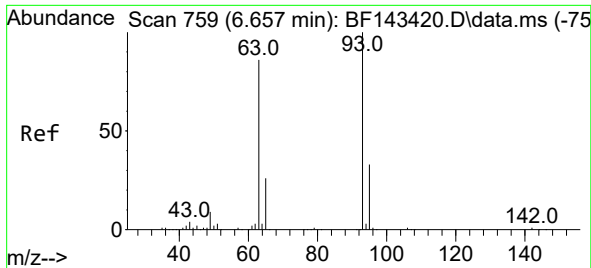


#10
Phenol
Concen: 48.093 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



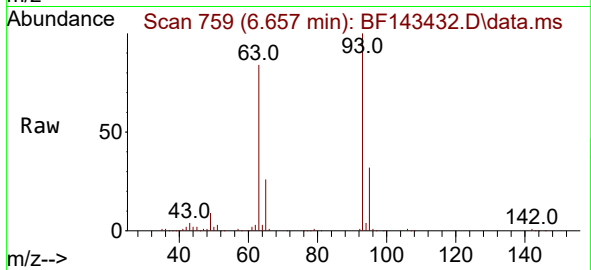
Tgt Ion: 94 Resp: 500506
Ion Ratio Lower Upper
94 100
65 34.0 13.7 53.7
66 50.0 30.3 70.3





#11
bis(2-Chloroethyl)ether
Concen: 48.389 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

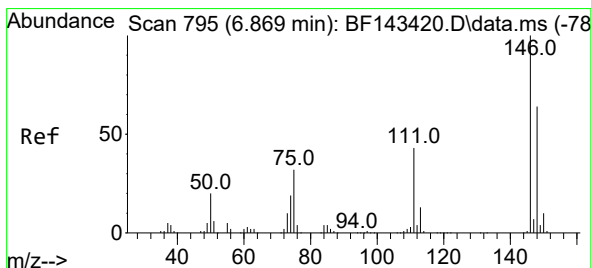
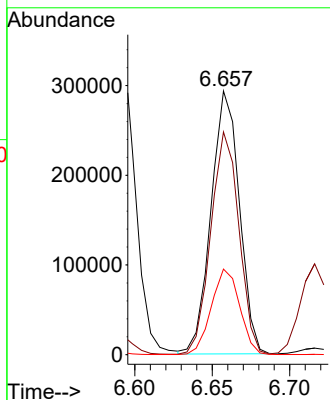
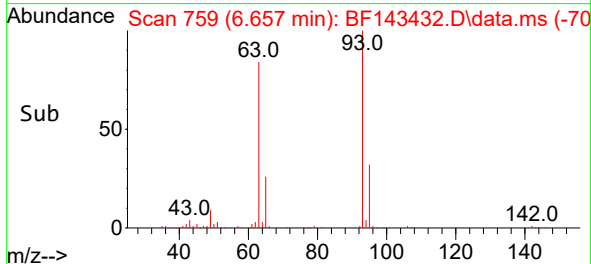
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



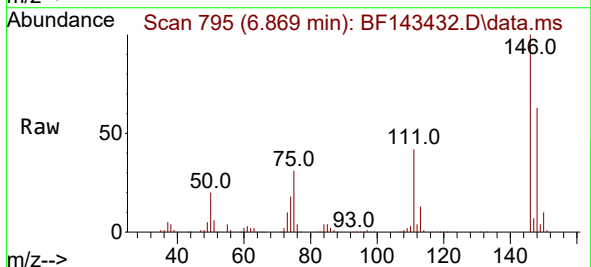
Tgt Ion: 93 Resp: 373270
Ion Ratio Lower Upper
93 100
63 84.4 65.4 105.4
95 32.4 12.8 52.8

Manual Integrations
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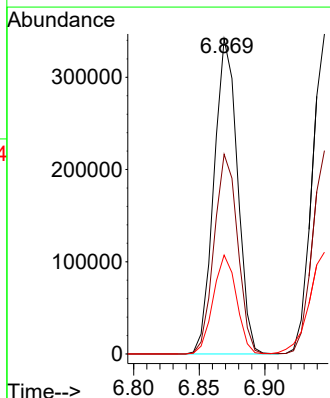
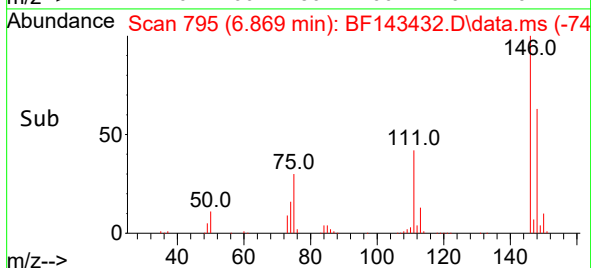
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

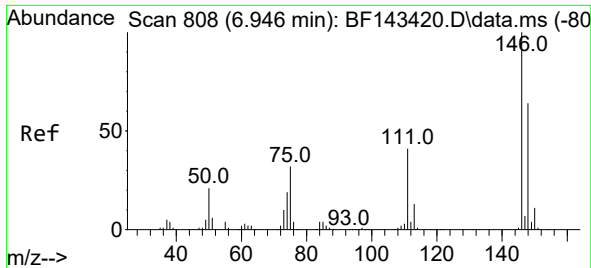


#12
1,3-Dichlorobenzene
Concen: 48.651 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:146 Resp: 425782
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 31.4 25.3 37.9





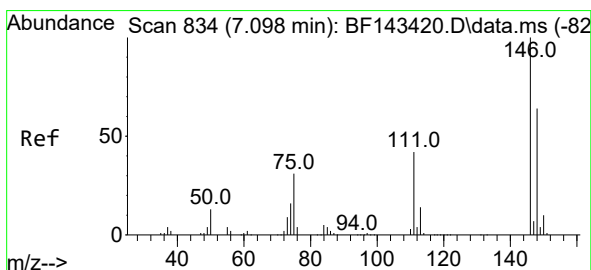
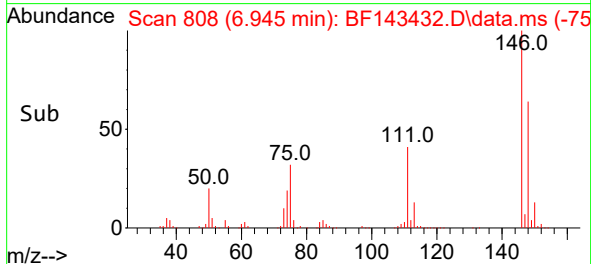
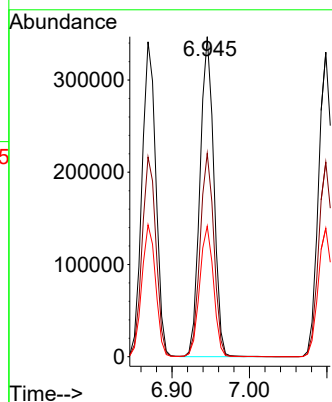
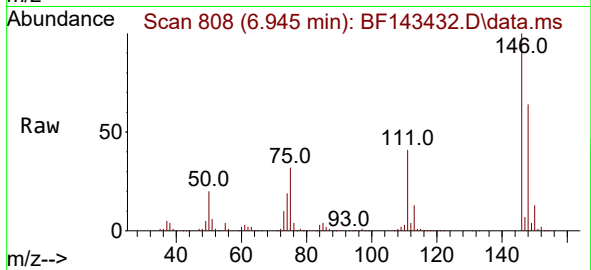
#13
1,4-Dichlorobenzene
Concen: 49.113 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Tgt Ion:146 Resp: 42912
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 40.8 32.5 48.7

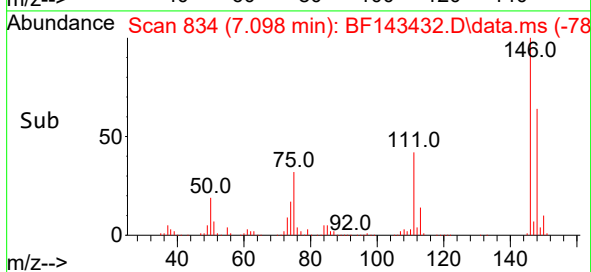
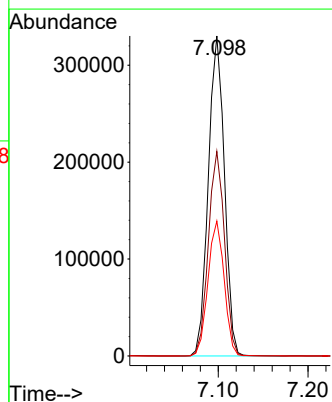
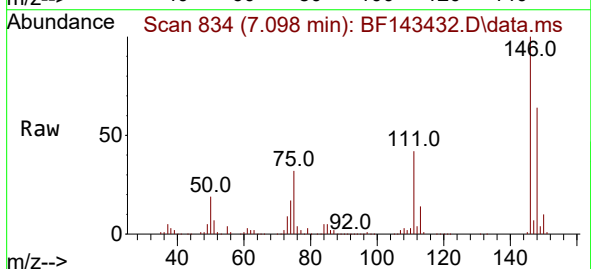
Manual Integrations
APPROVED

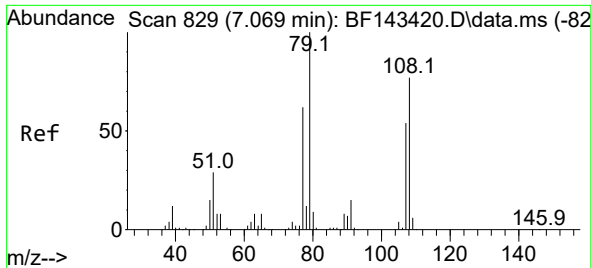
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#14
1,2-Dichlorobenzene
Concen: 49.391 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

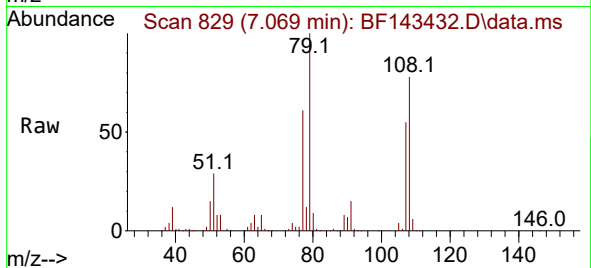
Tgt Ion:146 Resp: 412189
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 42.2 33.9 50.9





#15
Benzyl Alcohol
Concen: 51.325 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

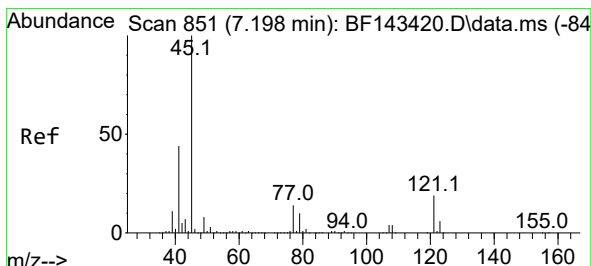
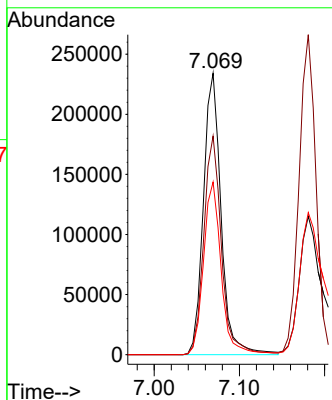
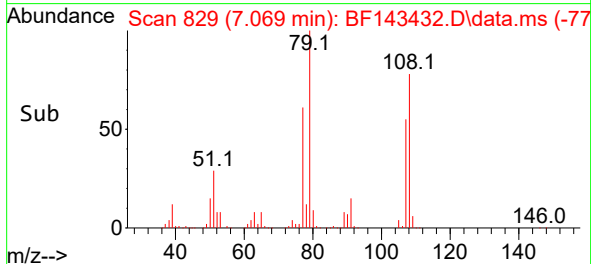
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



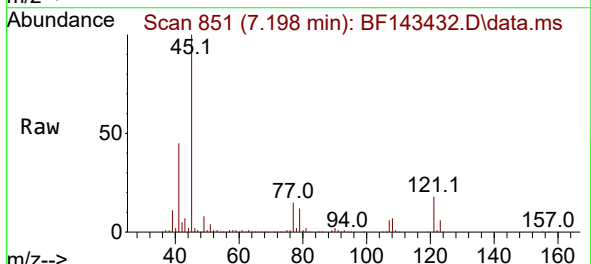
Tgt Ion: 79 Resp: 337550
Ion Ratio Lower Upper
79 100
108 77.7 61.9 92.9
77 61.4 49.2 73.8

Manual Integrations
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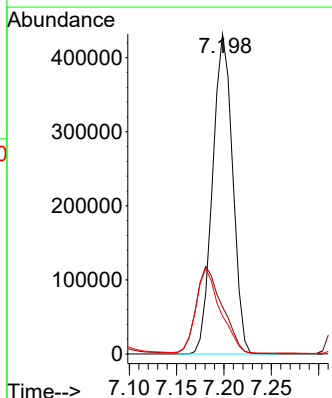
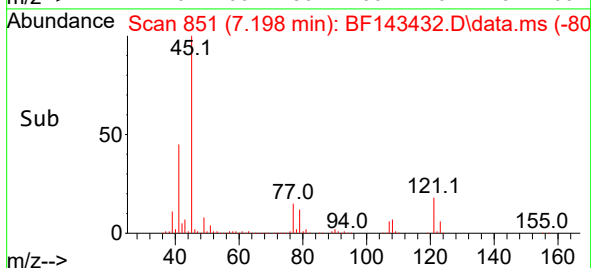
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

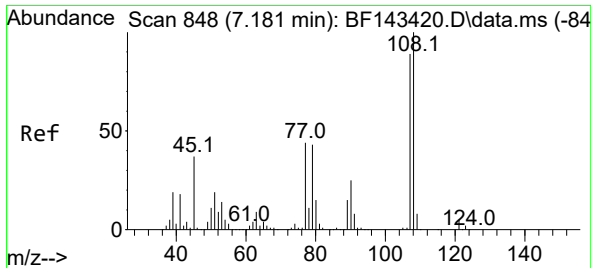


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.289 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



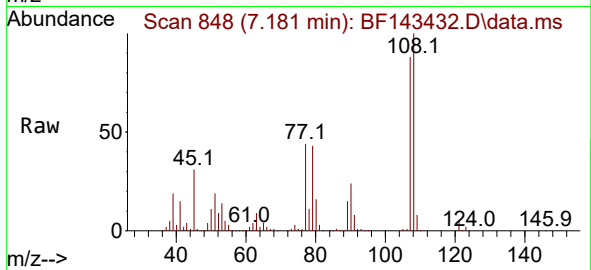
Tgt Ion: 45 Resp: 636828
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 11.9 0.0 30.7





#17
2-Methylphenol
Concen: 50.586 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

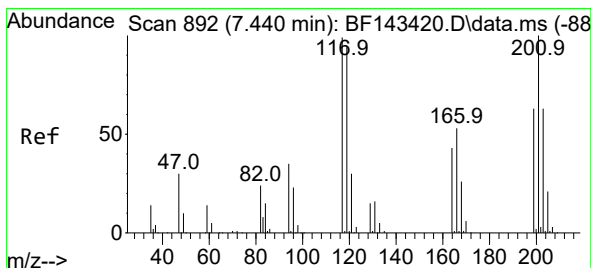
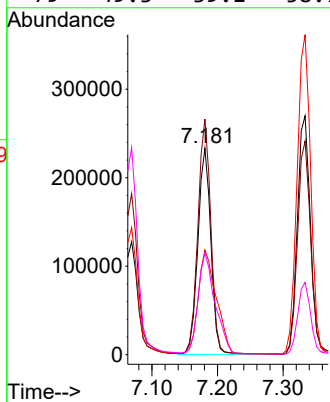
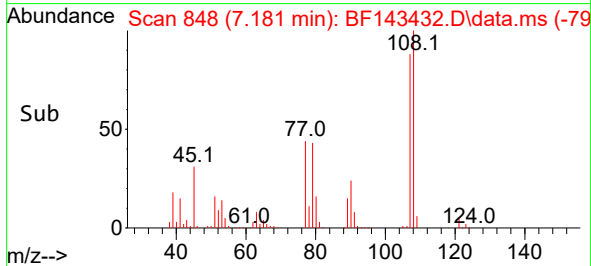
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:107 Resp: 322459
Ion Ratio Lower Upper
107 100
108 114.1 90.1 135.1
77 50.6 39.9 59.9
79 49.3 39.1 58.7

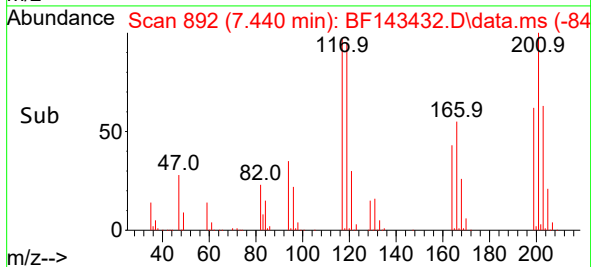
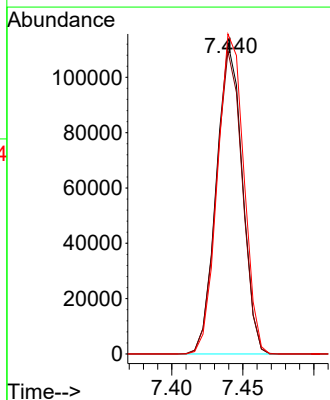
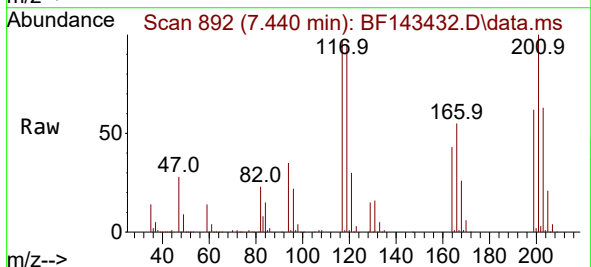
Manual Integrations
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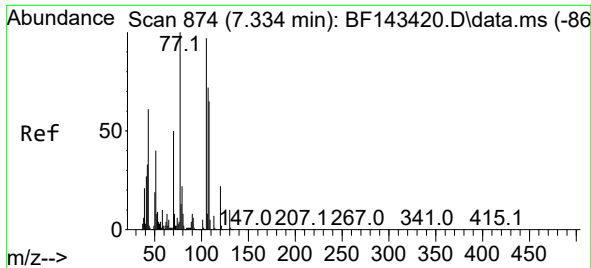
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#18
Hexachloroethane
Concen: 47.906 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

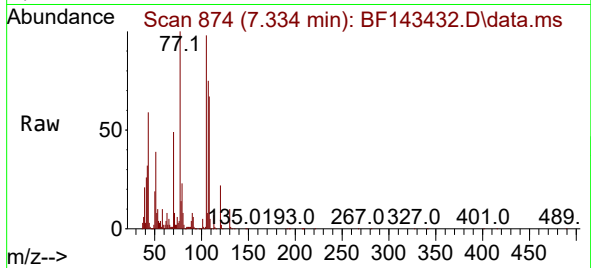
Tgt Ion:117 Resp: 142474
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8
201 102.8 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.018 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

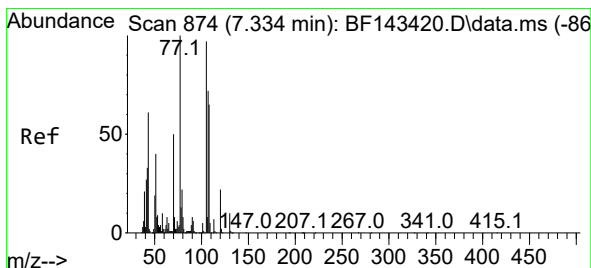
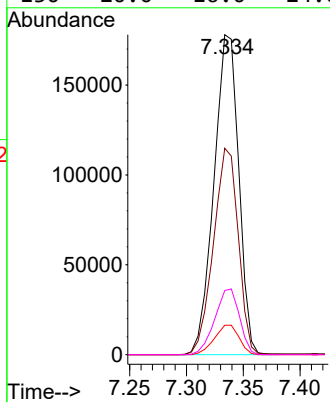
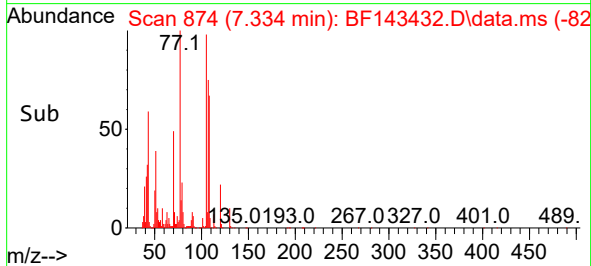
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



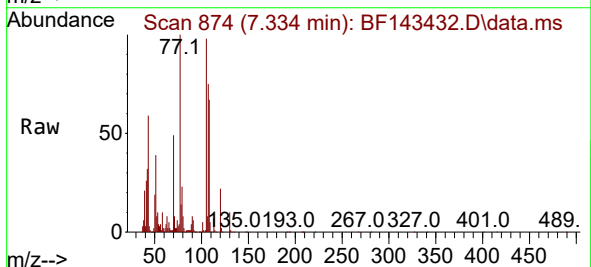
Tgt Ion: 70 Resp: 270630
Ion Ratio Lower Upper
70 100
42 64.5 52.5 78.7
101 9.2 7.9 11.9
130 20.0 16.0 24.0

Manual Integrations
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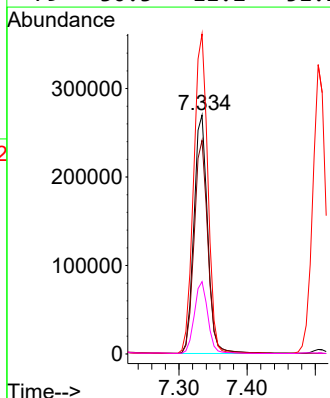
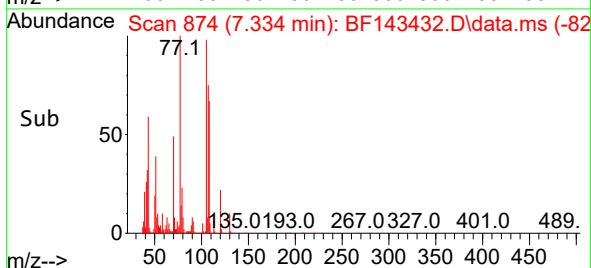
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

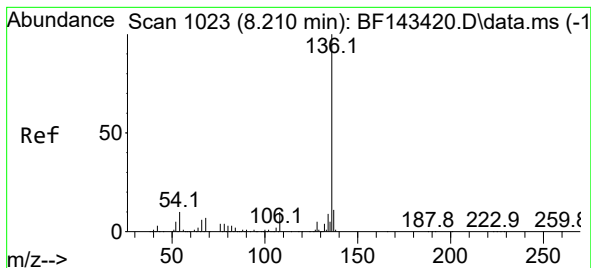


#20
3+4-Methylphenols
Concen: 49.187 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



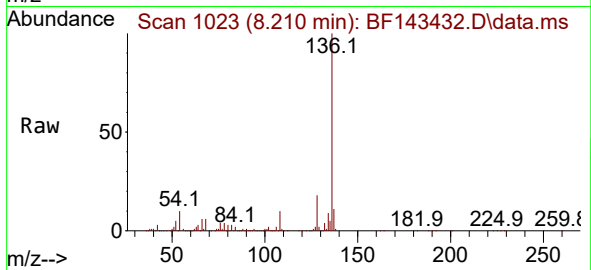
Tgt Ion:107 Resp: 374819
Ion Ratio Lower Upper
107 100
108 89.4 70.8 110.8
77 134.0 119.1 159.1
79 30.3 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

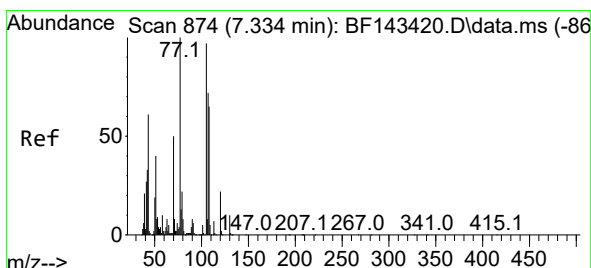
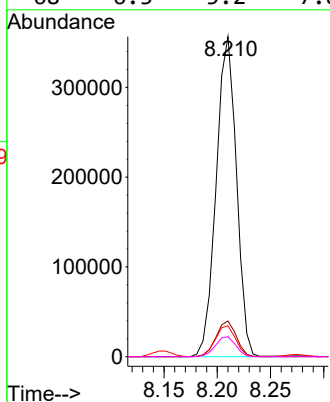
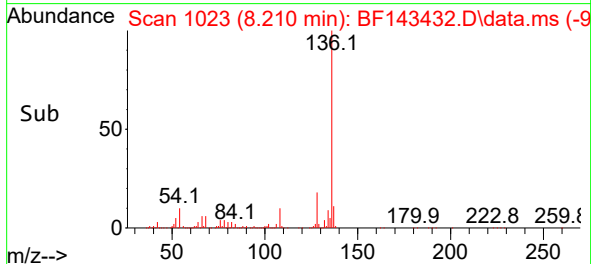
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:	136	Resp:	471004
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	9.6	7.8	11.8
68	6.3	5.2	7.8

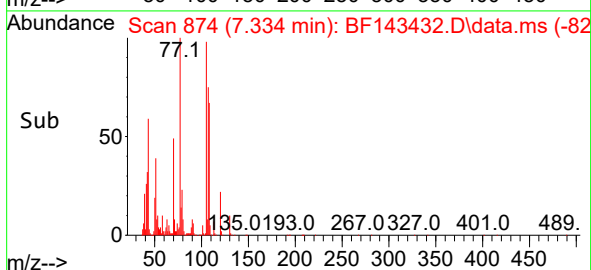
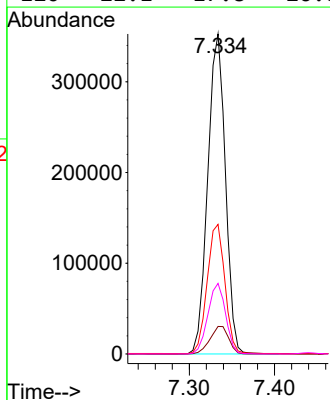
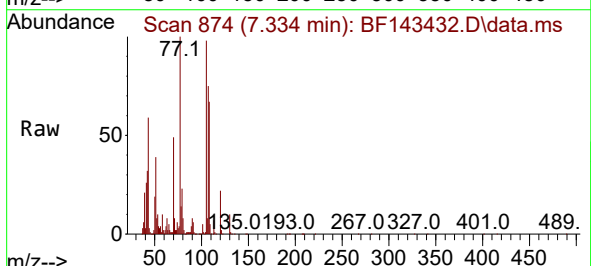
Manual Integrations
APPROVED

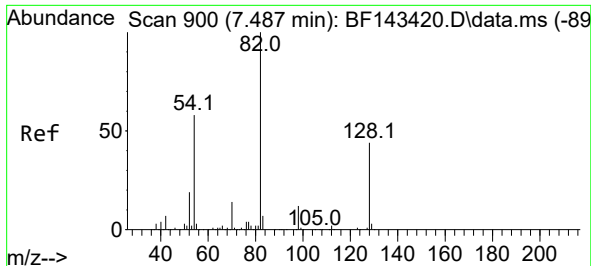
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#22
Acetophenone
Concen: 50.228 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Tgt Ion:	105	Resp:	508650
Ion Ratio	Lower	Upper	
105	100		
71	8.6	7.0	10.4
51	40.5	32.7	49.1
120	22.1	17.8	26.8





#23

Nitrobenzene-d5

Concen: 101.542 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD

Tgt Ion: 82 Resp: 80599

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

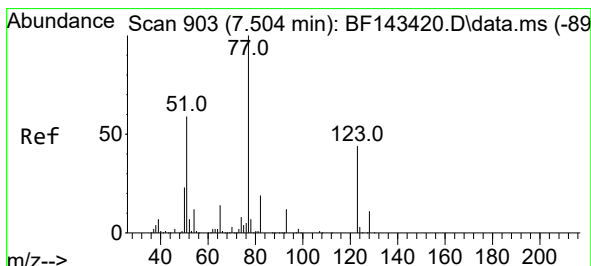
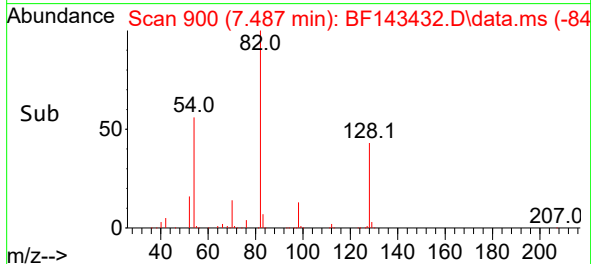
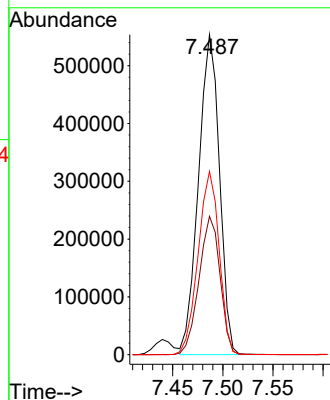
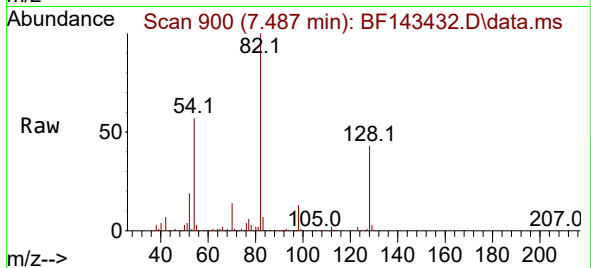
54 57.2 46.0 69.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#24

Nitrobenzene

Concen: 50.849 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

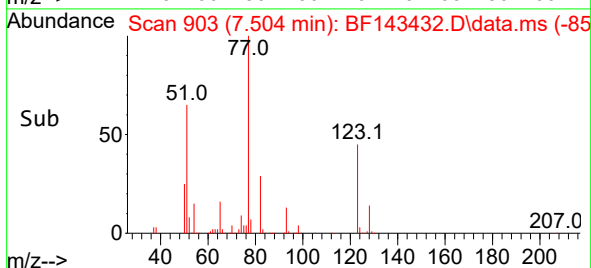
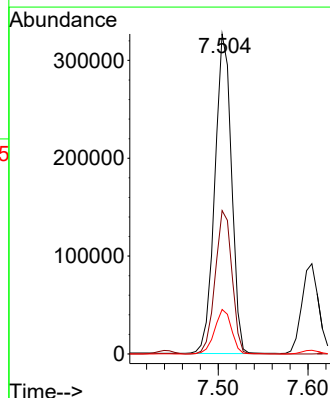
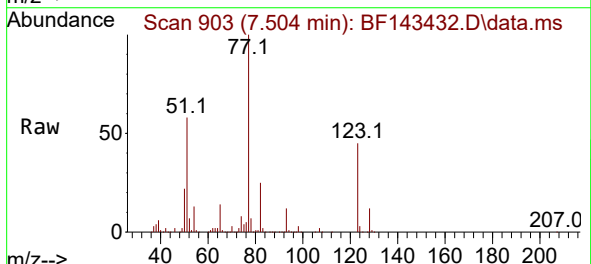
Tgt Ion: 77 Resp: 421836

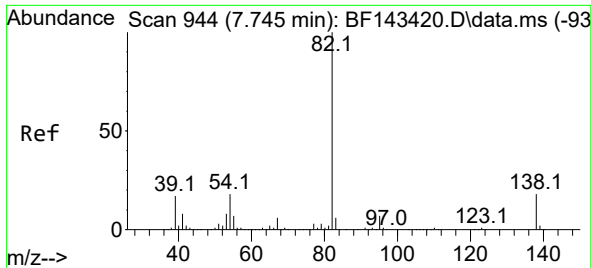
Ion Ratio Lower Upper

77 100

123 44.8 35.4 53.0

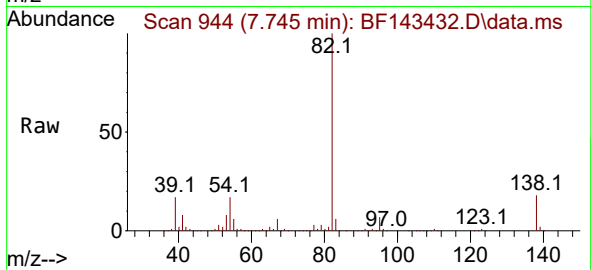
65 13.9 11.2 16.8





#25
Isophorone
Concen: 51.173 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

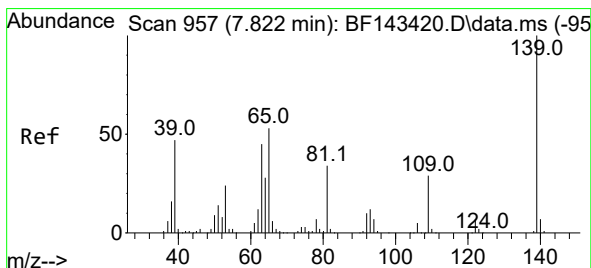
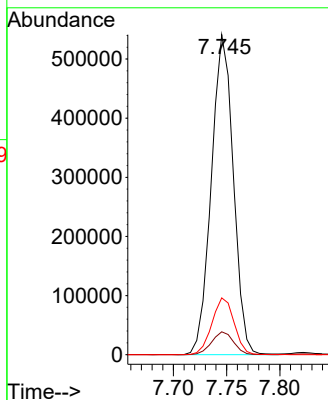
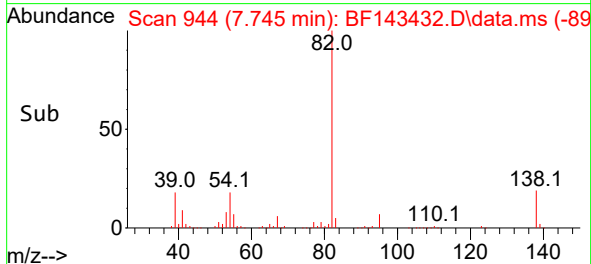
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



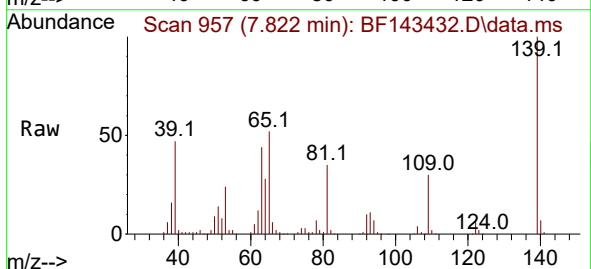
Tgt Ion: 82 Resp: 77741
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.8 14.3 21.5

Manual Integrations
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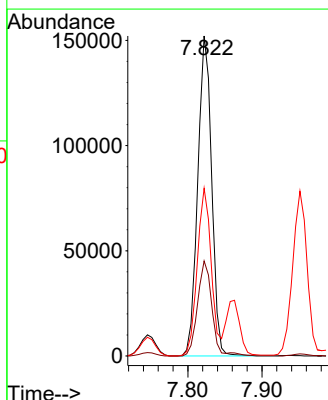
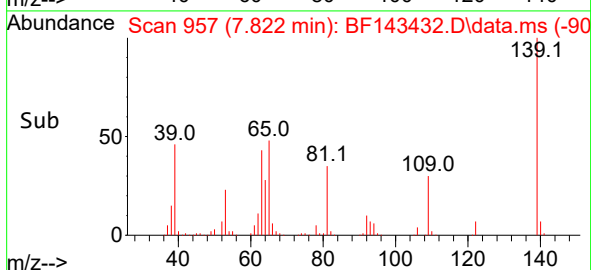
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

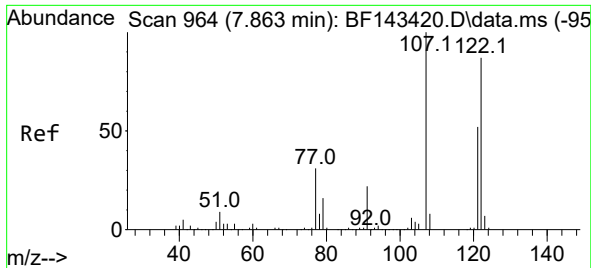


#26
2-Nitrophenol
Concen: 51.805 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:139 Resp: 199231
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.4
65 52.4 42.5 63.7





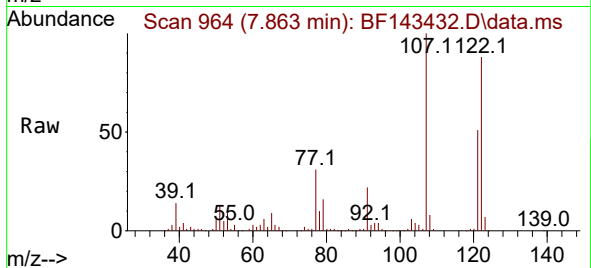
#27
2,4-Dimethylphenol
Concen: 53.359 ng m
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD



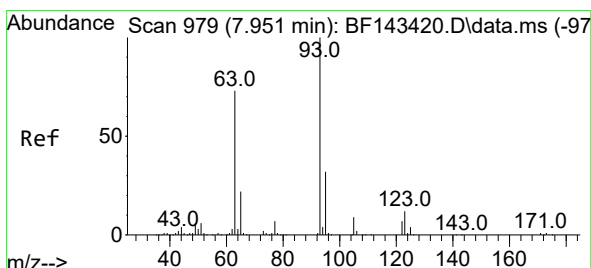
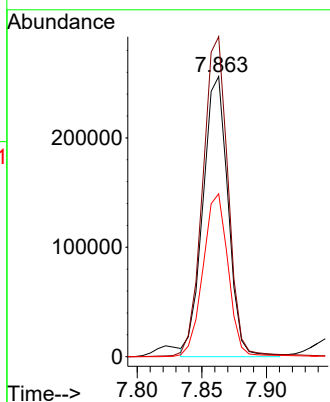
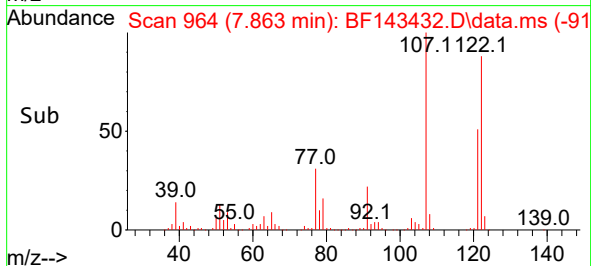
Tgt Ion:122 Resp: 34696
Ion Ratio Lower Upper
122 100
107 114.2 90.4 135.6
121 58.1 46.7 70.1

Manual Integrations

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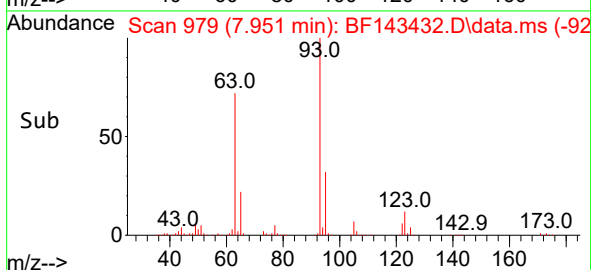
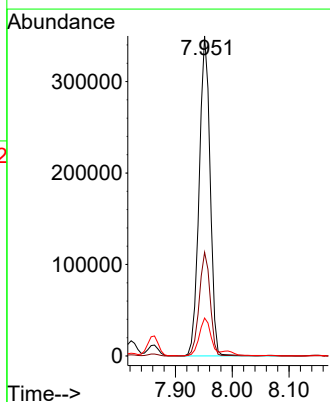
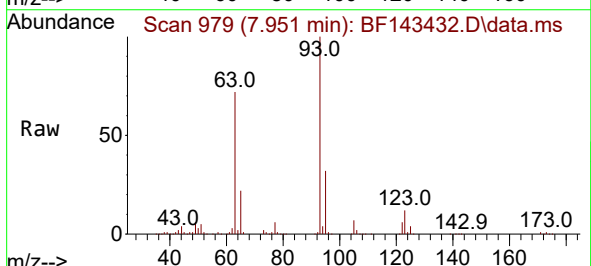
Reviewed By :Rahul Chavli 08/19/2025

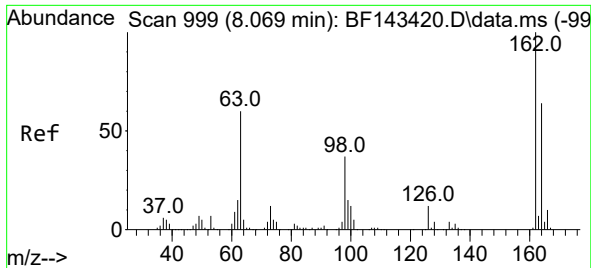
Supervised By :Jagrut Upadhyay 08/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 50.164 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Tgt Ion: 93 Resp: 468422
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 50.478 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143432.D

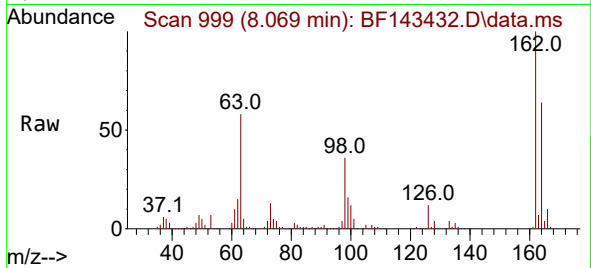
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD



Tgt Ion:162 Resp: 334598

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

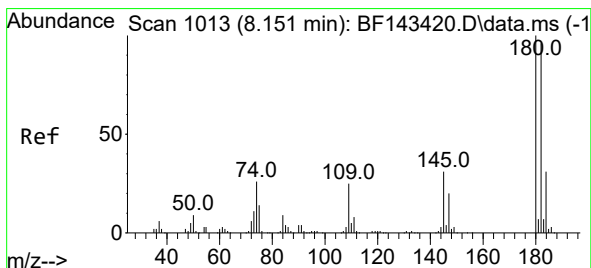
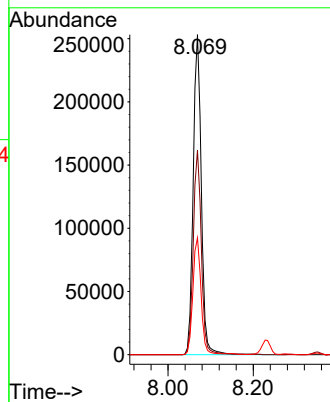
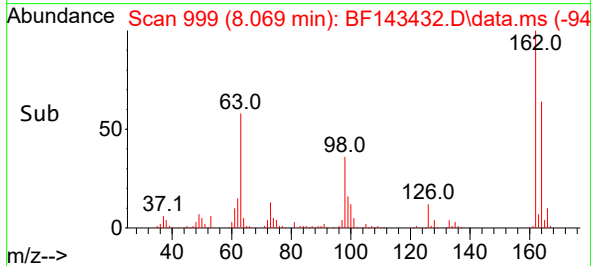
98 36.5 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.758 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

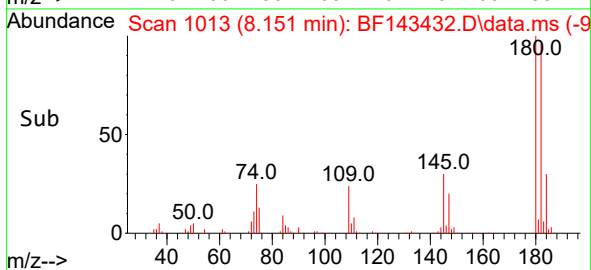
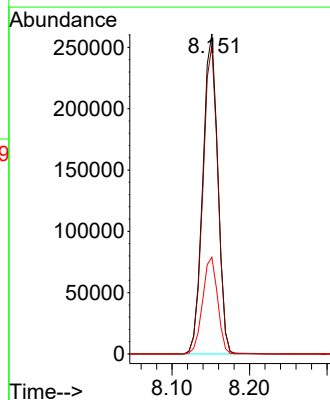
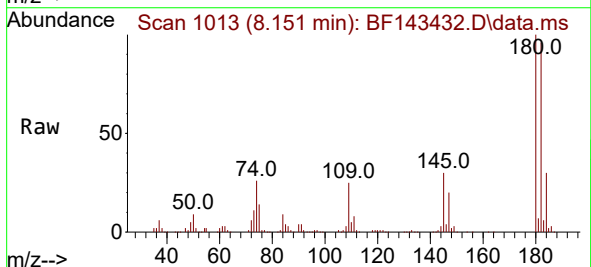
Tgt Ion:180 Resp: 351529

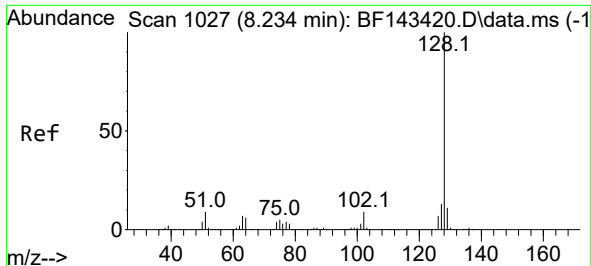
Ion Ratio Lower Upper

180 100

182 96.3 76.7 115.1

145 30.2 24.5 36.7





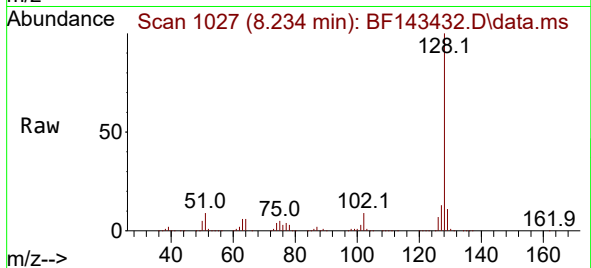
#31
Naphthalene
Concen: 49.035 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD



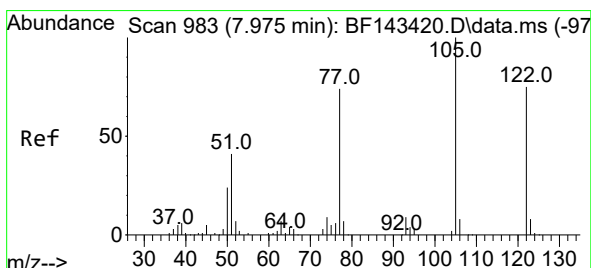
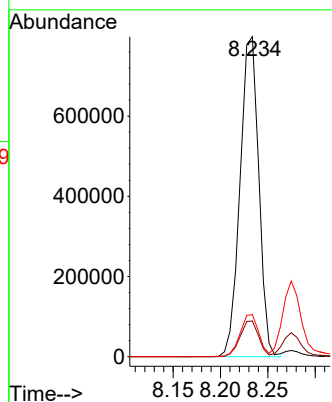
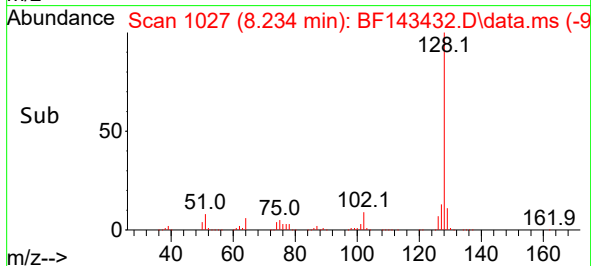
Tgt Ion:128 Resp: 109647
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

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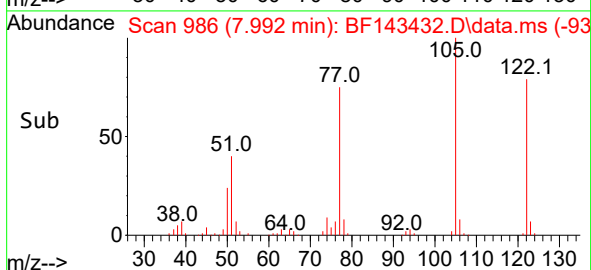
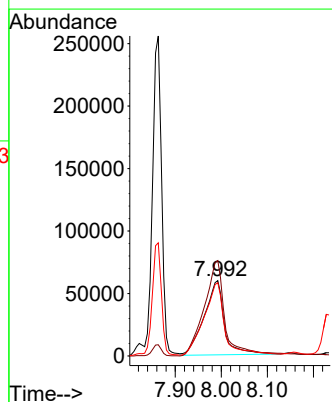
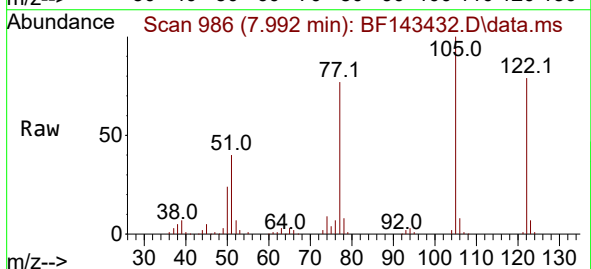
Reviewed By :Rahul Chavli 08/19/2025

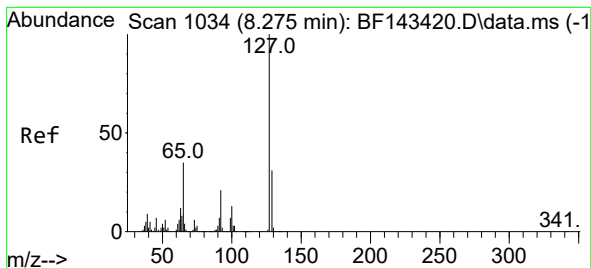
Supervised By :Jagrut Upadhyay 08/19/2025



#32
Benzoic acid
Concen: 53.838 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

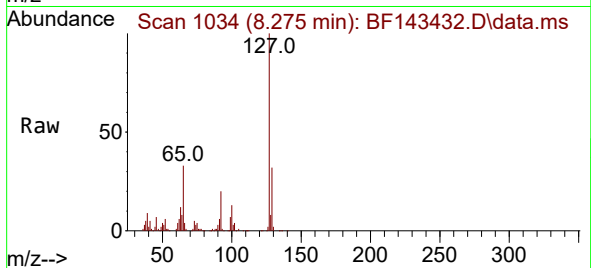
Tgt Ion:122 Resp: 182069
Ion Ratio Lower Upper
122 100
105 126.4 108.4 148.4
77 97.3 75.9 115.9





#33
4-Chloroaniline
Concen: 33.605 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

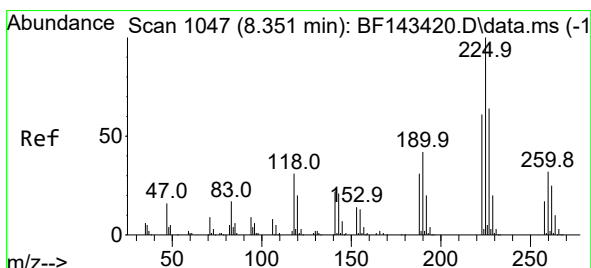
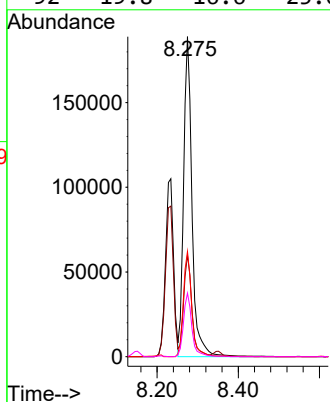
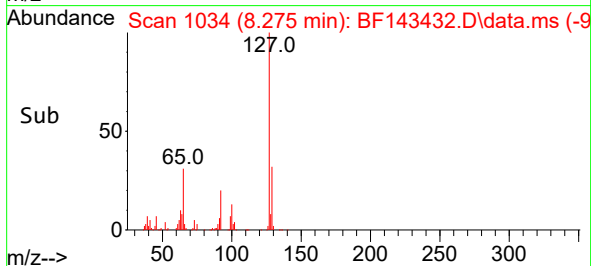
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:127 Resp: 27123
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 32.9 27.2 40.8
92 19.8 16.6 25.0

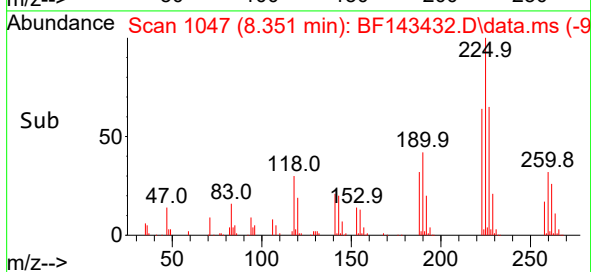
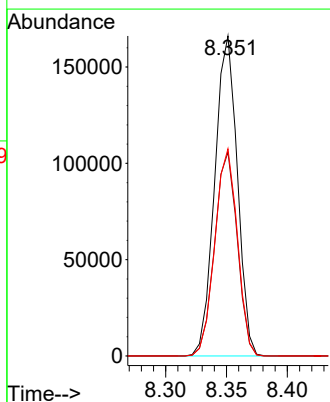
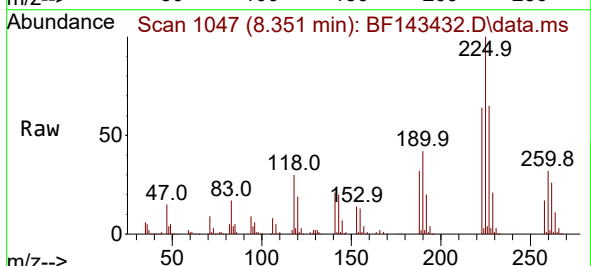
Manual Integrations
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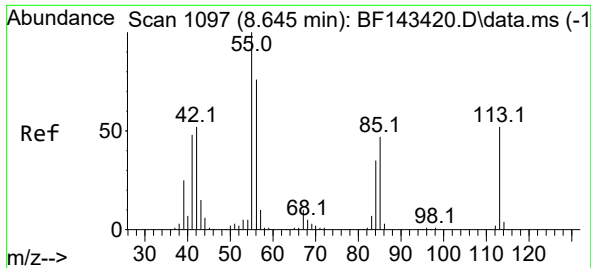
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#34
Hexachlorobutadiene
Concen: 49.587 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

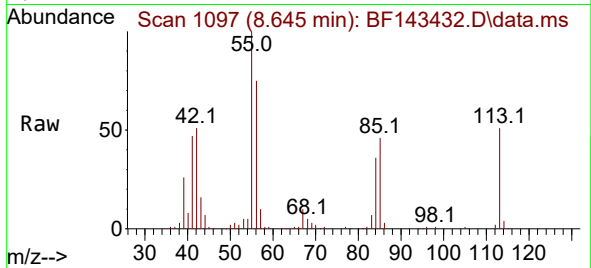
Tgt Ion:225 Resp: 214757
Ion Ratio Lower Upper
225 100
223 63.7 49.0 73.6
227 64.7 51.1 76.7





#35
 Caprolactam
 Concen: 55.828 ng m
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33

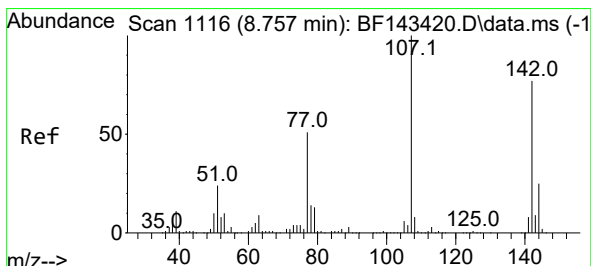
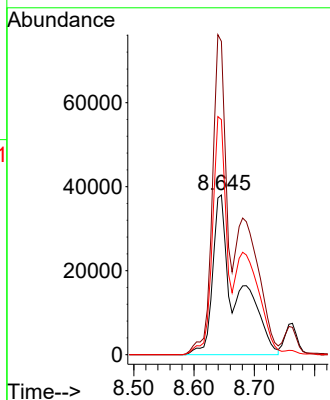
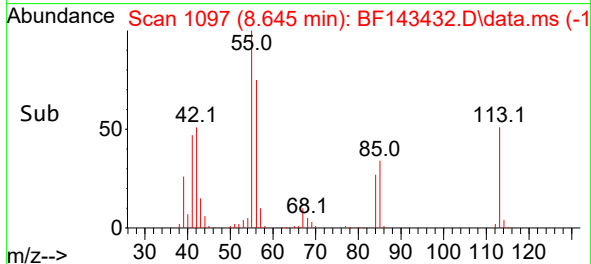
Instrument :
 BNA_F
 ClientSampleId :
 PB169256BSD



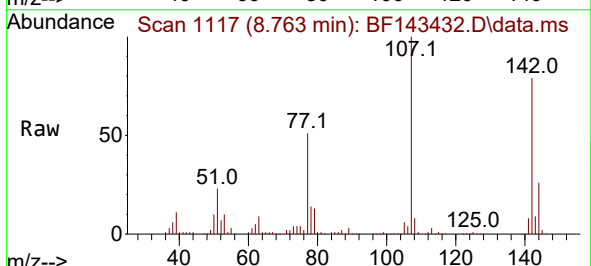
Tgt Ion:113 Resp: 10654
 Ion Ratio Lower Upper
 113 100
 55 196.2 174.7 214.7
 56 147.2 127.0 167.0

Manual Integrations
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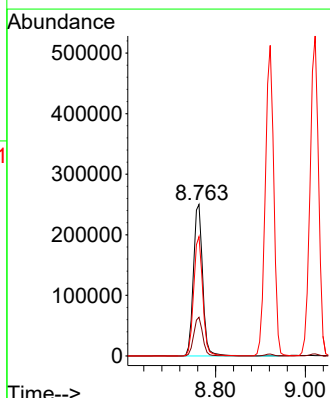
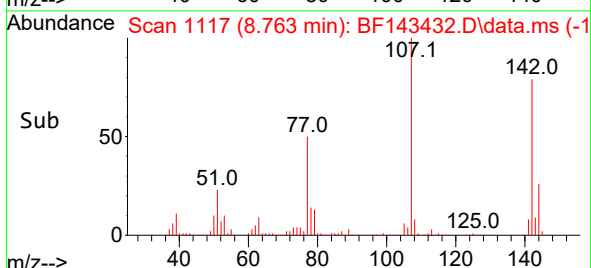
Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

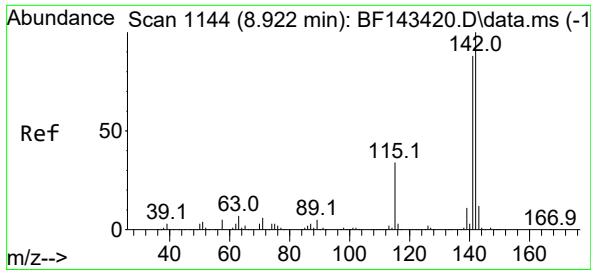


#36
 4-Chloro-3-methylphenol
 Concen: 52.463 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33



Tgt Ion:107 Resp: 358150
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 78.8 62.0 93.0





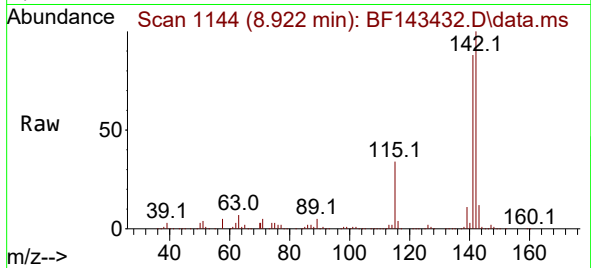
#37
2-Methylnaphthalene
Concen: 44.462 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD



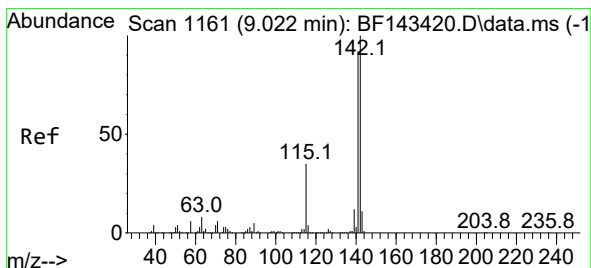
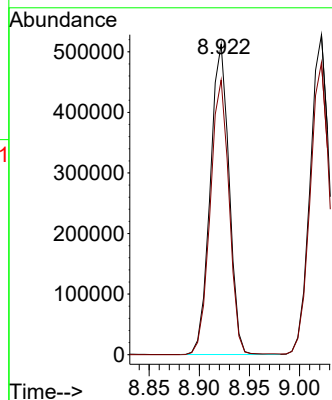
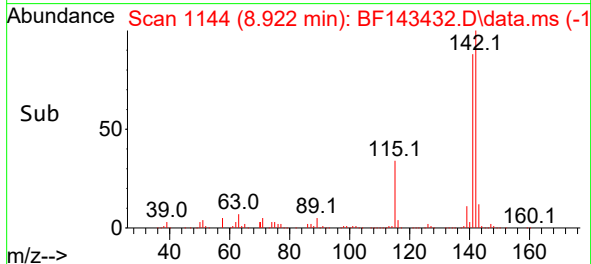
Tgt Ion:142 Resp: 670150
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5

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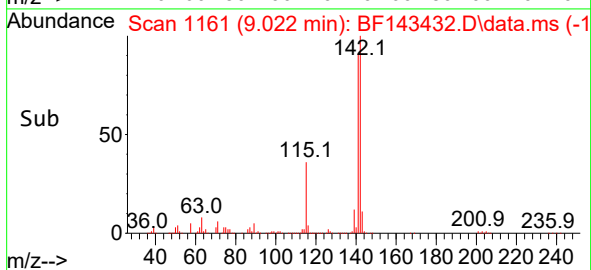
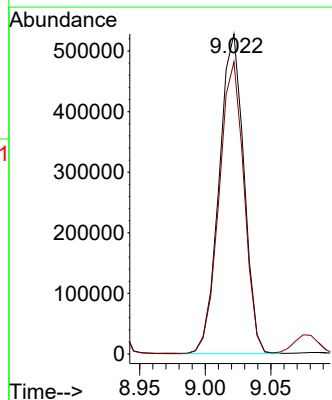
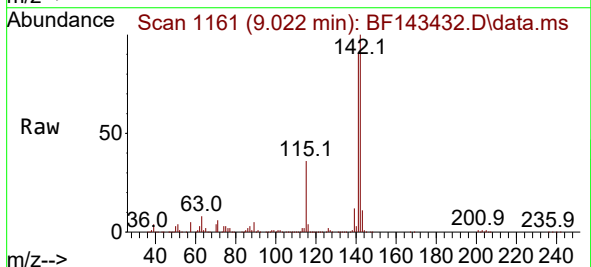
Reviewed By :Rahul Chavli 08/19/2025

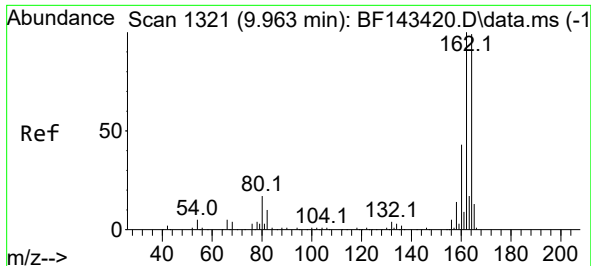
Supervised By :Jagrut Upadhyay 08/19/2025



#38
1-Methylnaphthalene
Concen: 47.978 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

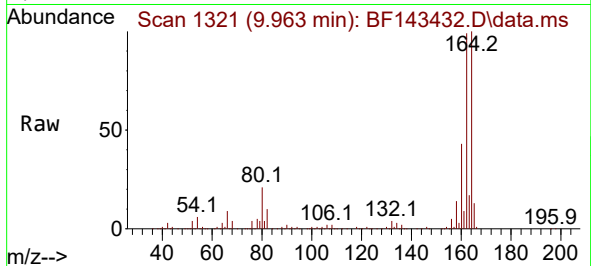
Tgt Ion:142 Resp: 692848
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

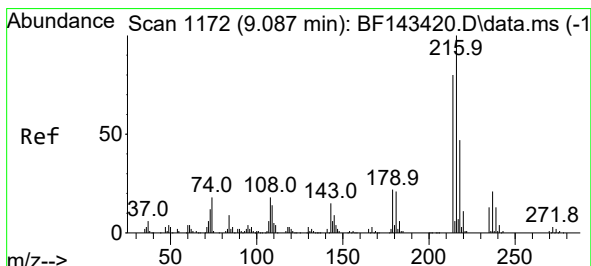
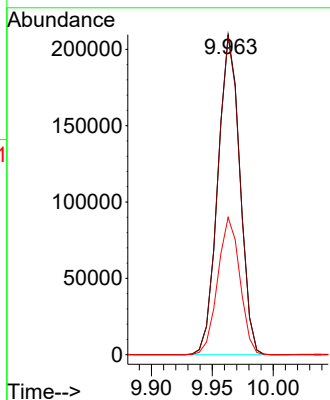
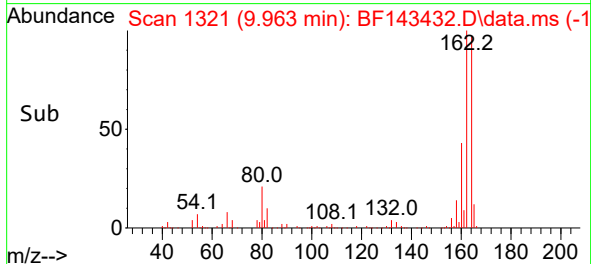
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BNA_F
ClientSampleId :
PB169256BSD



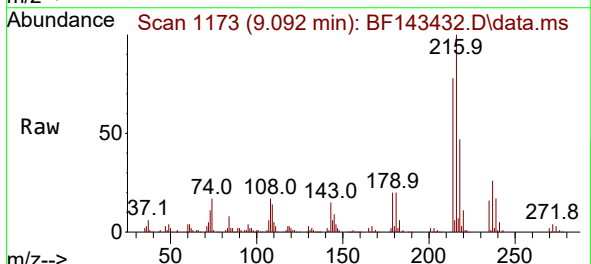
Tgt Ion:164 Resp: 263679
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 42.9 34.6 51.8

Manual Integrations
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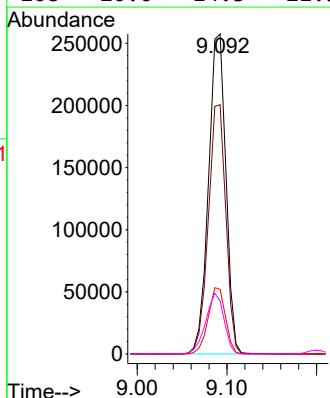
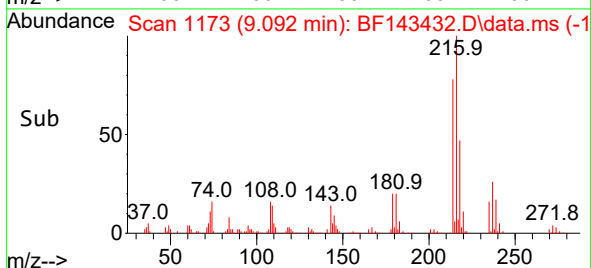
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

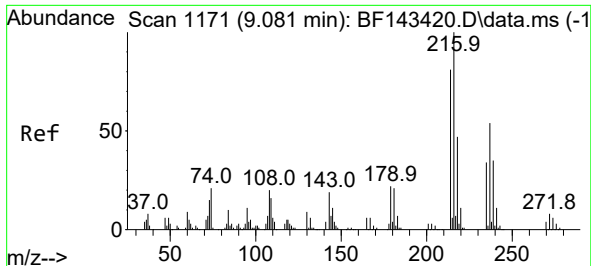


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.141 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:216 Resp: 346649
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 20.6 17.0 25.4
108 20.0 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 132.543 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD

Tgt Ion:237 Resp: 368119

Ion Ratio Lower Upper

237 100

235 62.0 41.6 81.6

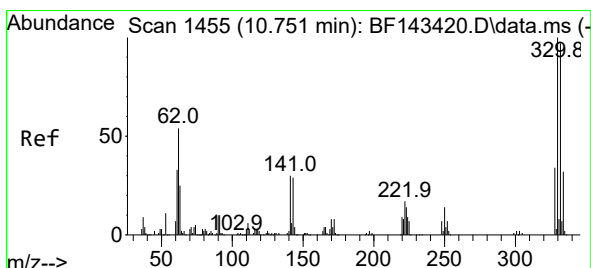
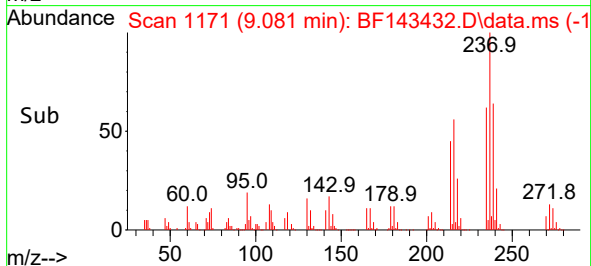
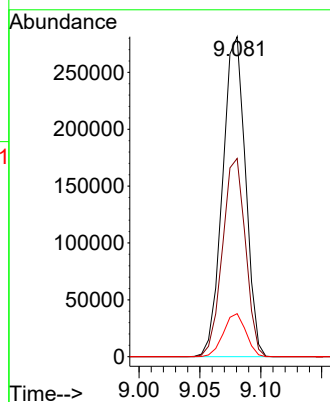
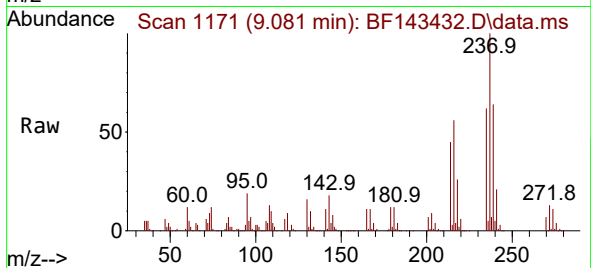
272 13.5 0.0 33.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#42

2,4,6-Tribromophenol

Concen: 105.687 ng

RT: 10.757 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

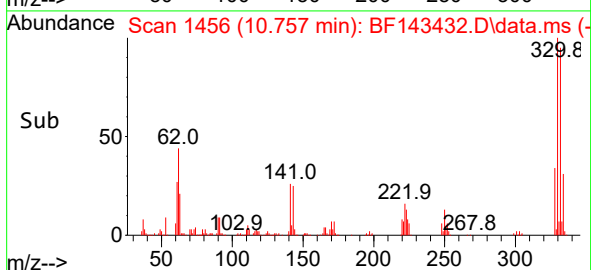
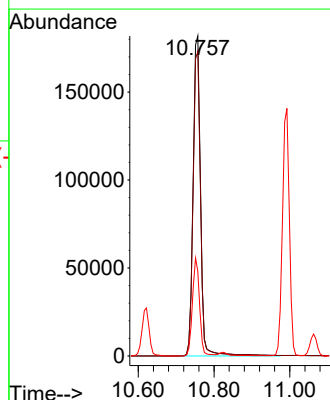
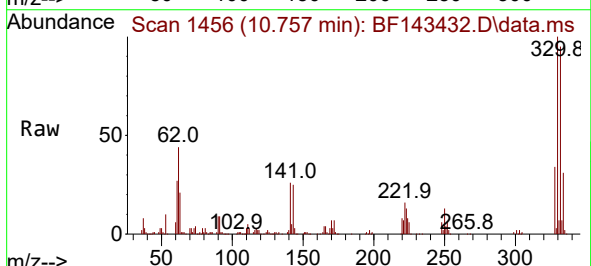
Tgt Ion:330 Resp: 248037

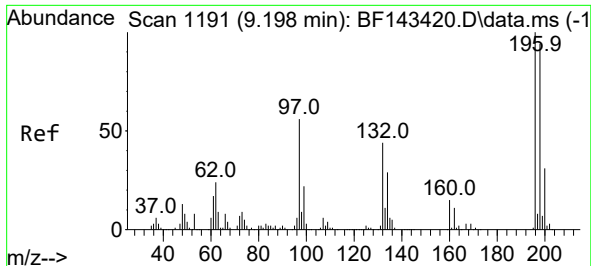
Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

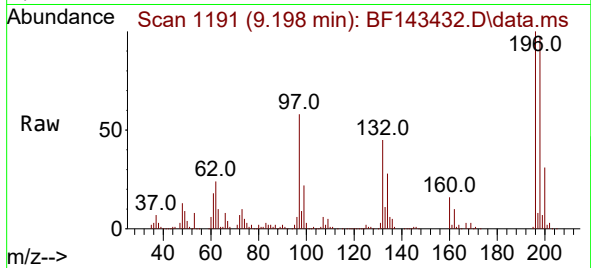
141 29.1 24.1 36.1





#43
2,4,6-Trichlorophenol
Concen: 49.551 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

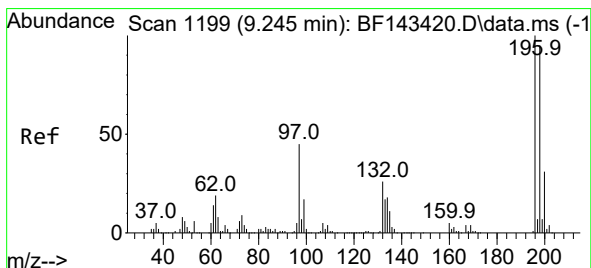
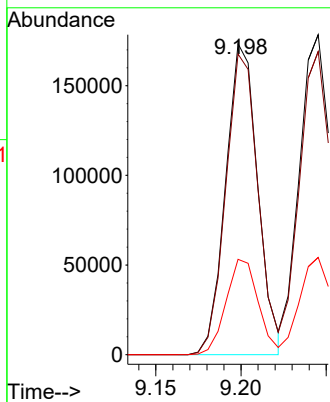
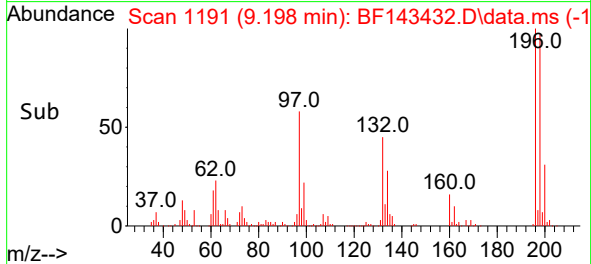
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



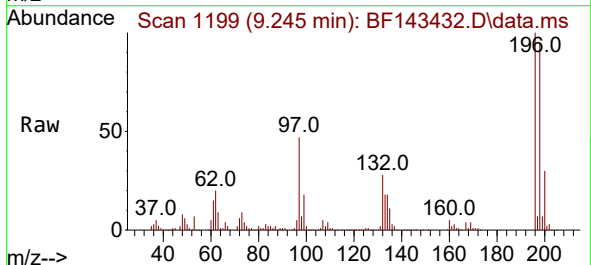
Tgt Ion:196 Resp: 227299
Ion Ratio Lower Upper
196 100
198 96.7 75.4 113.2
200 30.6 24.7 37.1

Manual Integrations
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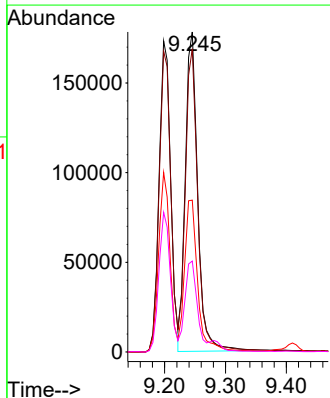
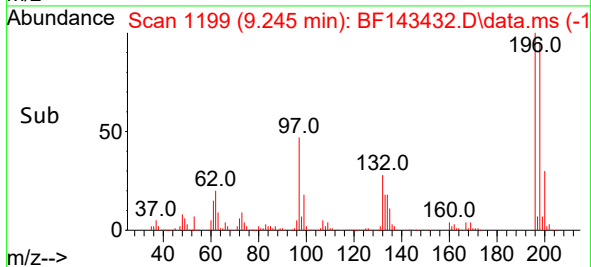
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

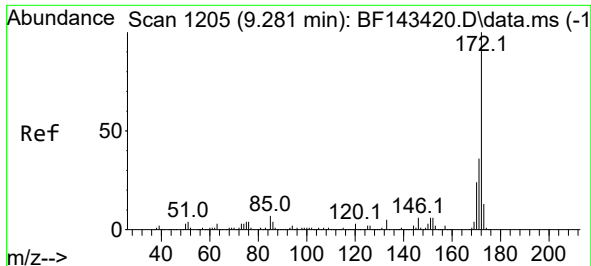


#44
2,4,5-Trichlorophenol
Concen: 51.218 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



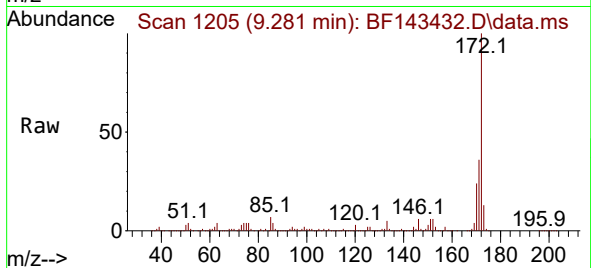
Tgt Ion:196 Resp: 251842
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.4
97 47.4 36.6 55.0
132 28.4 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 94.170 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

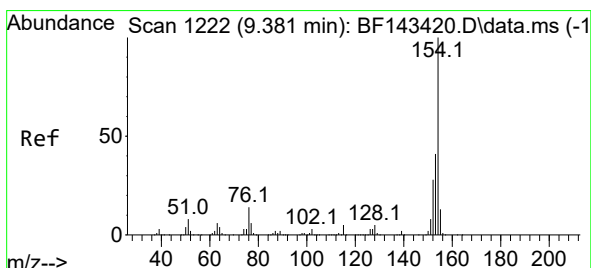
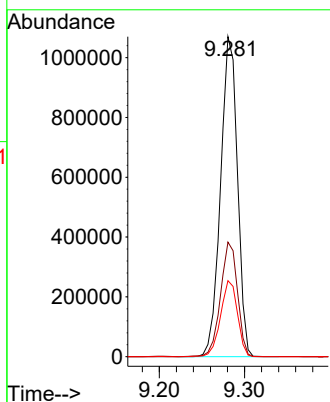
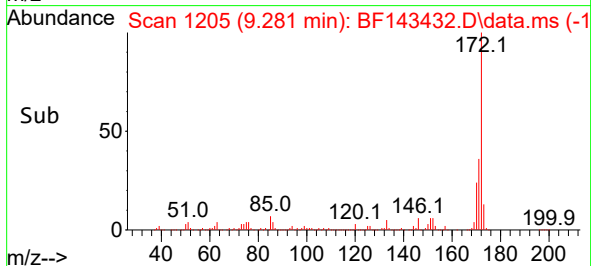
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



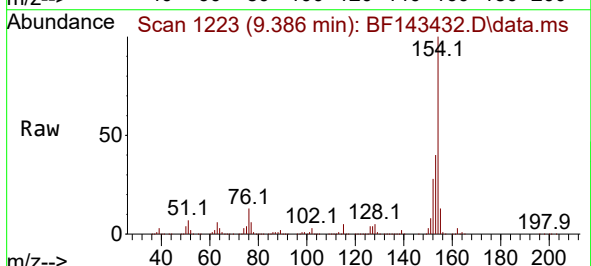
Tgt Ion:172 Resp: 147623
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.7 19.0 28.6

Manual Integrations
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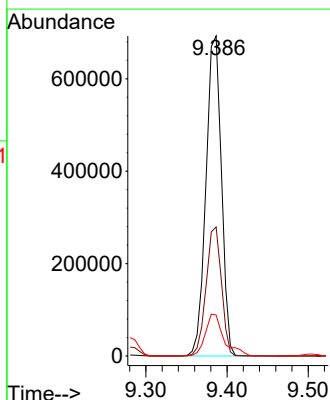
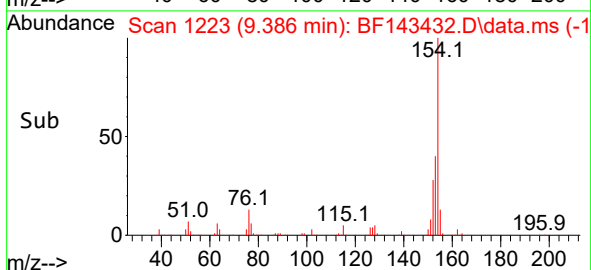
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

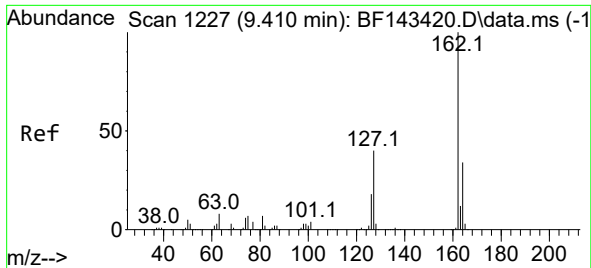


#46
1,1'-Biphenyl
Concen: 49.324 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:154 Resp: 913784
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.8 0.0 33.8





#47
2-Chloronaphthalene
Concen: 48.652 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

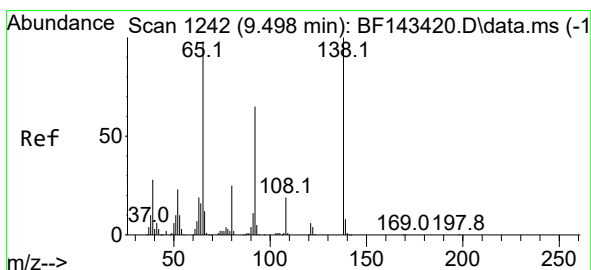
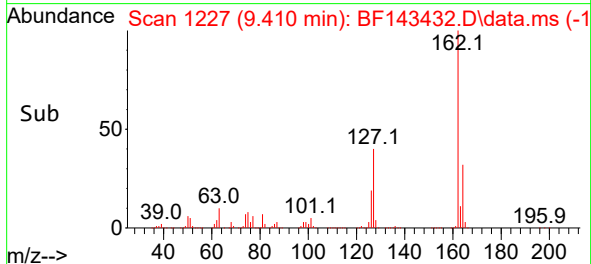
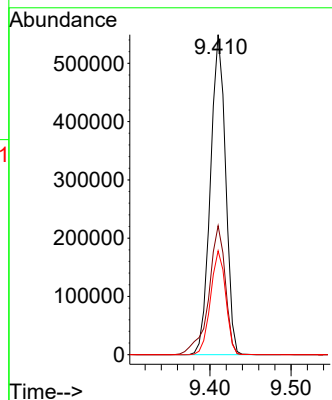
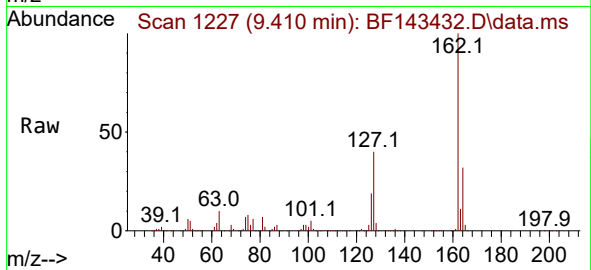
ClientSampleId :

PB169256BSD

Tgt Ion:162 Resp: 71148
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 32.4 26.9 40.3

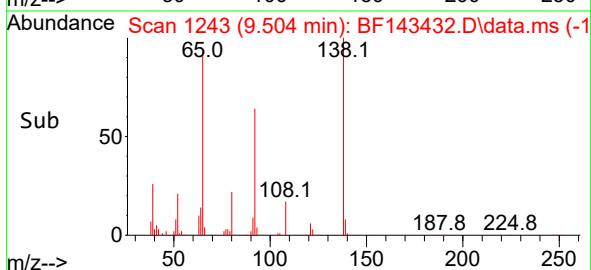
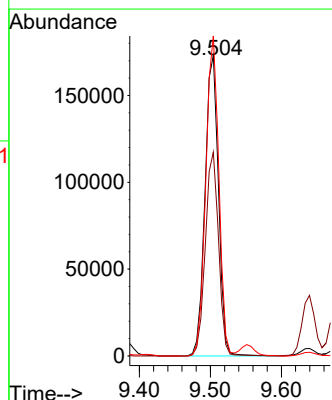
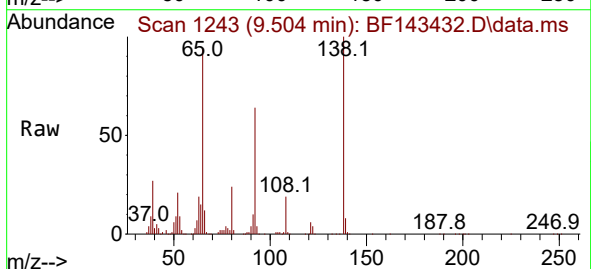
Manual Integrations
APPROVED

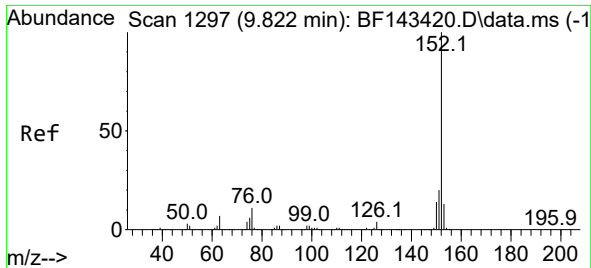
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#48
2-Nitroaniline
Concen: 52.393 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

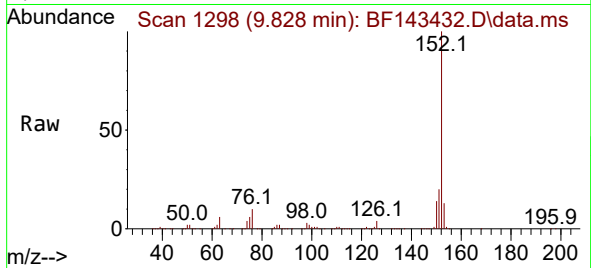
Tgt Ion: 65 Resp: 228010
Ion Ratio Lower Upper
65 100
92 67.8 52.9 79.3
138 106.5 81.3 121.9





#49
Acenaphthylene
Concen: 54.143 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

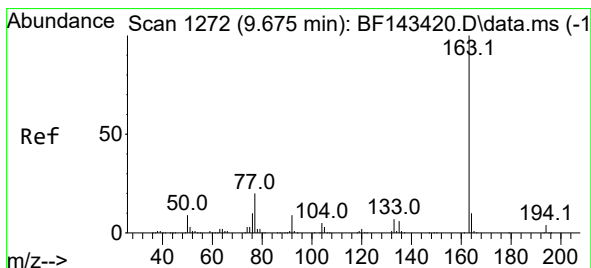
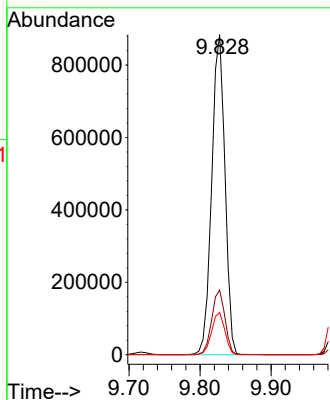
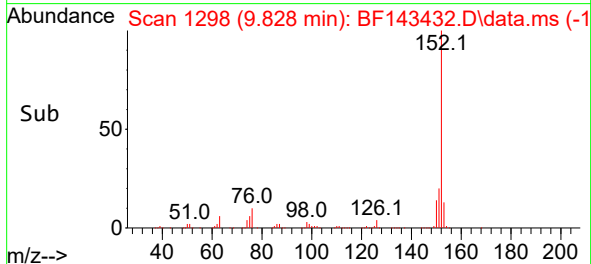
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



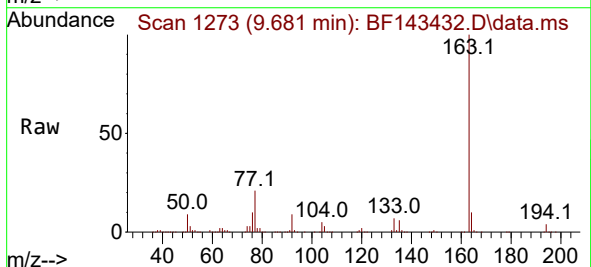
Tgt Ion:152 Resp: 114320
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.8 16.2

Manual Integrations
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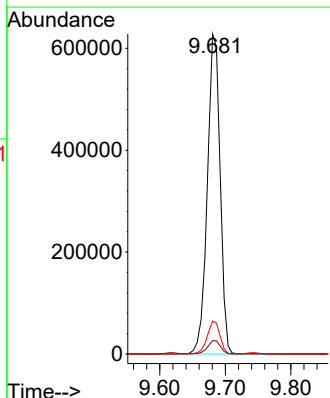
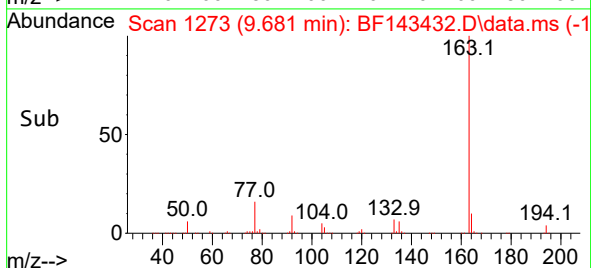
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

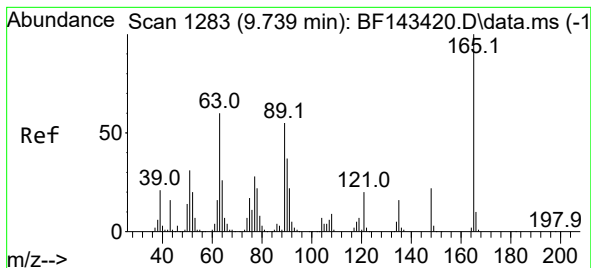


#50
Dimethylphthalate
Concen: 51.944 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



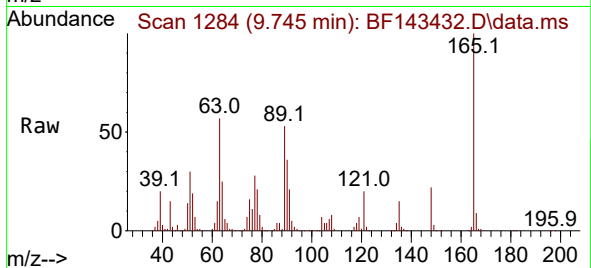
Tgt Ion:163 Resp: 853912
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 57.220 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

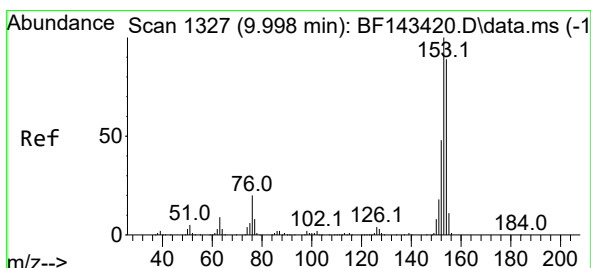
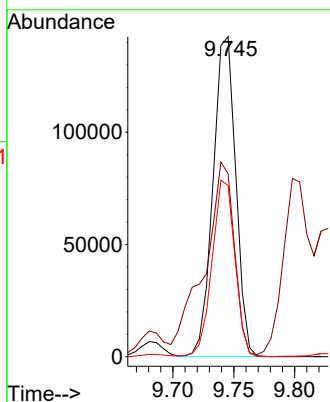
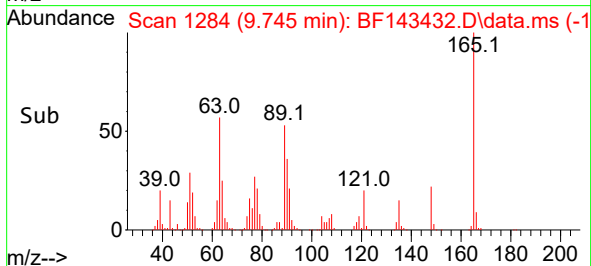
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



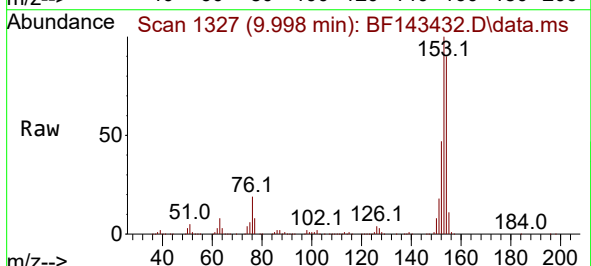
Tgt Ion:165 Resp: 185428
Ion Ratio Lower Upper
165 100
63 57.2 48.2 72.2
89 53.5 44.2 66.2

Manual Integrations
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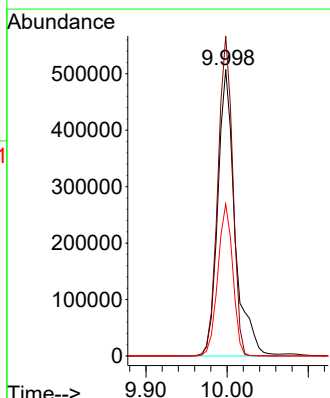
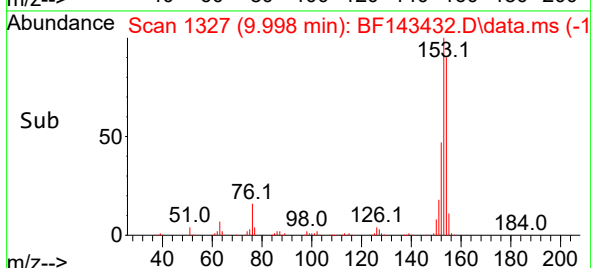
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

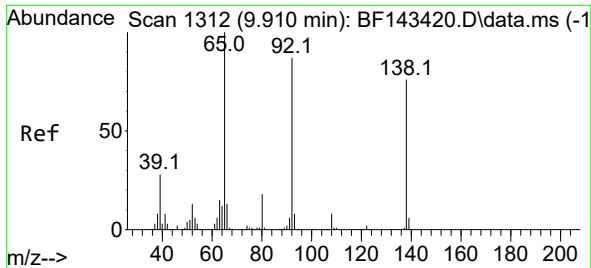


#52
Acenaphthene
Concen: 52.640 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



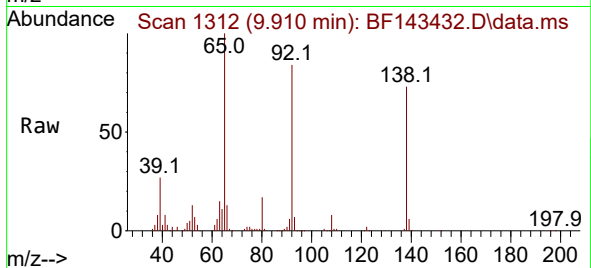
Tgt Ion:154 Resp: 747542
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.0 42.6 64.0





#53
3-Nitroaniline
Concen: 37.477 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

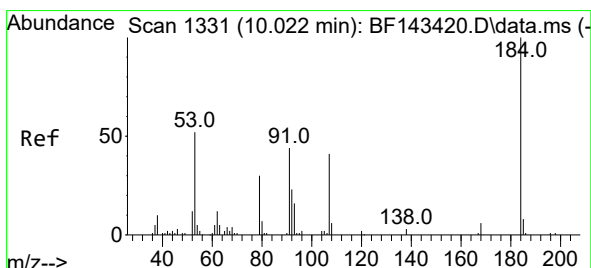
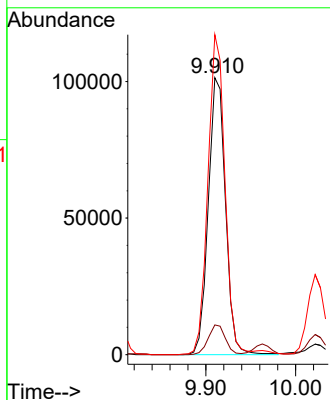
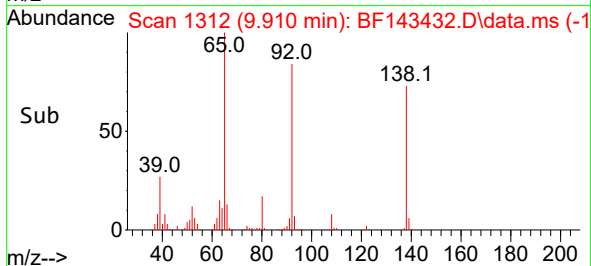
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:138 Resp: 135285
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 115.5 91.4 137.2

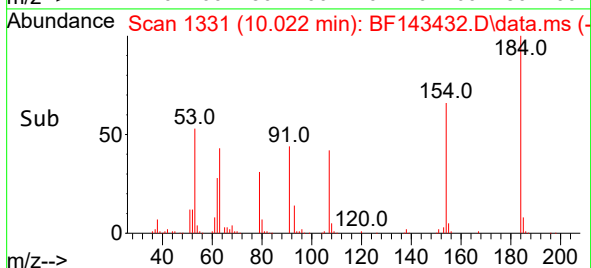
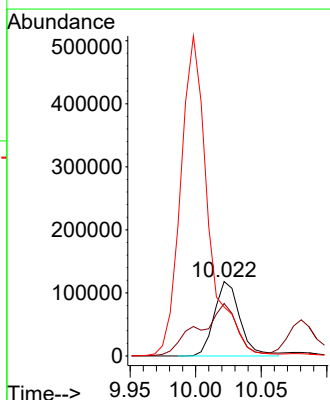
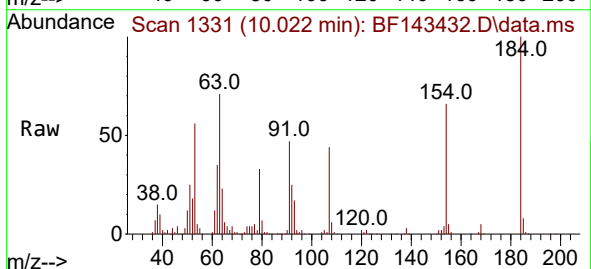
Manual Integrations
APPROVED

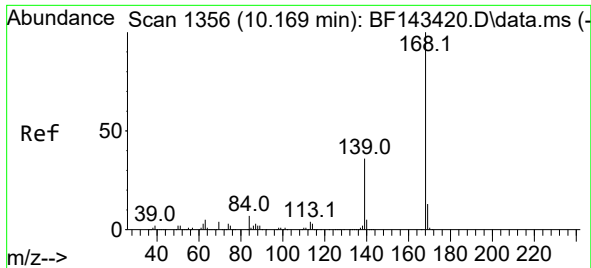
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#54
2,4-Dinitrophenol
Concen: 104.524 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

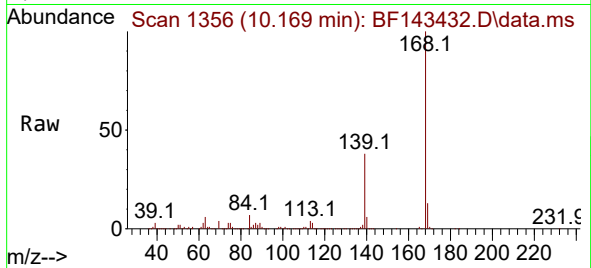
Tgt Ion:184 Resp: 160345
Ion Ratio Lower Upper
184 100
63 70.5 53.2 79.8
154 65.9 51.3 76.9





#55
Dibenzenofuran
Concen: 49.290 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

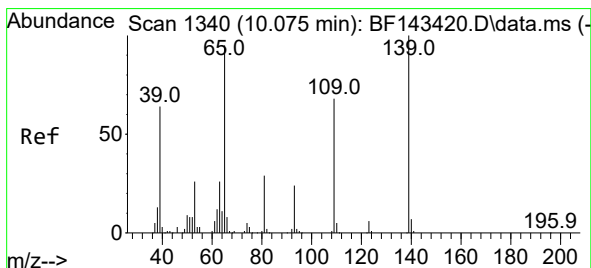
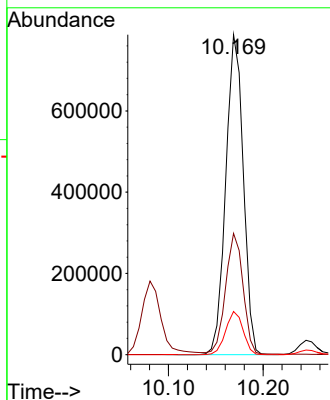
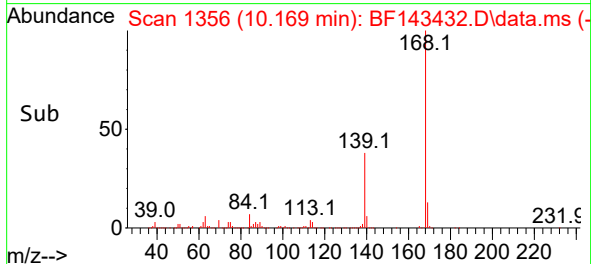
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:168 Resp: 1009754
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 13.5 10.8 16.2

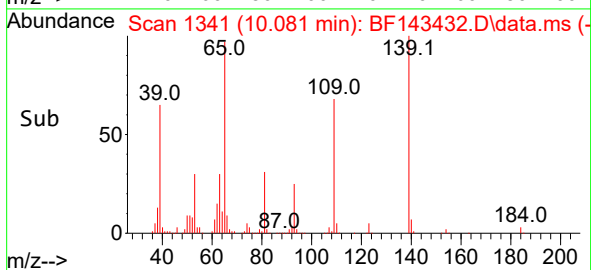
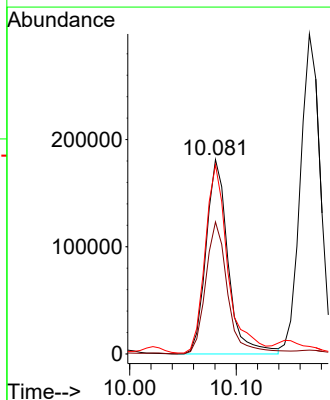
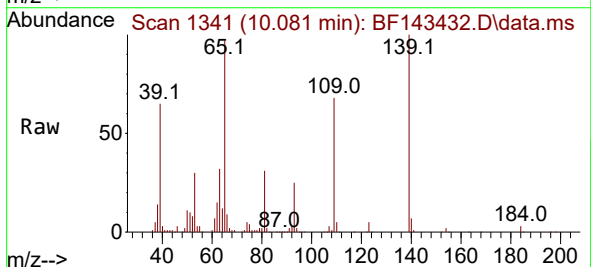
Manual Integrations
APPROVED

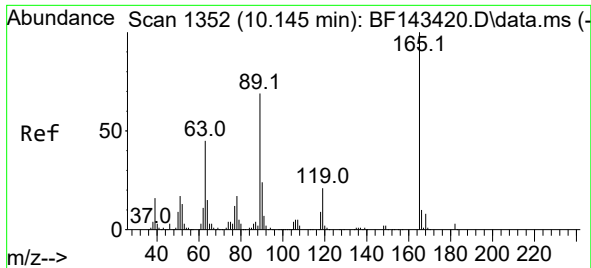
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#56
4-Nitrophenol
Concen: 115.424 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

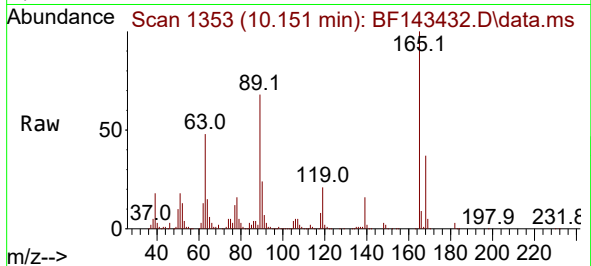
Tgt Ion:139 Resp: 261953
Ion Ratio Lower Upper
139 100
109 67.9 47.7 87.7
65 97.4 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 58.318 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

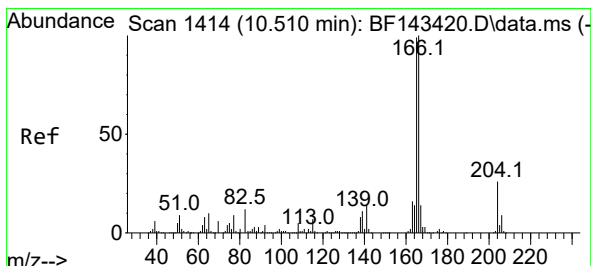
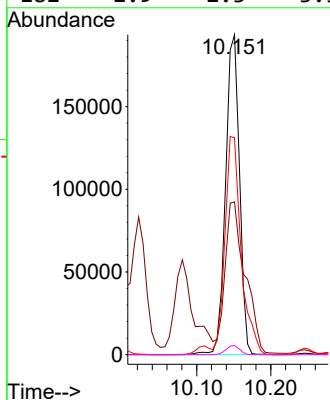
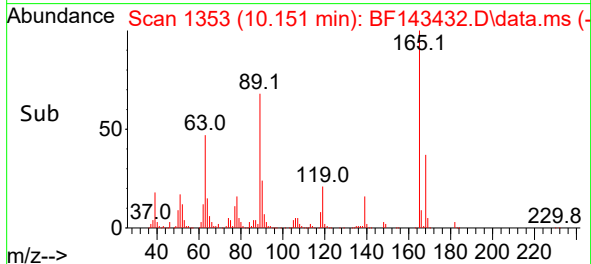
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



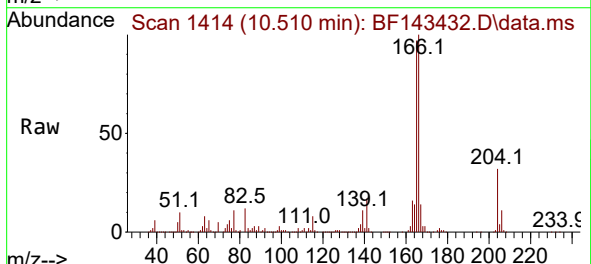
Tgt Ion:165 Resp: 25196
Ion Ratio Lower Upper
165 100
63 47.7 37.0 55.6
89 67.8 55.4 83.0
182 2.9 2.3 3.5

Manual Integrations
APPROVED

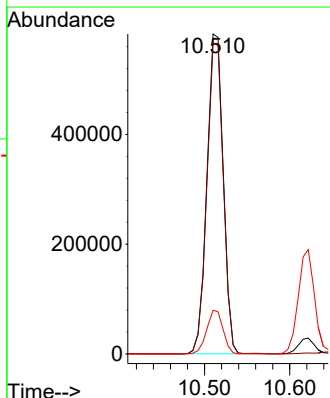
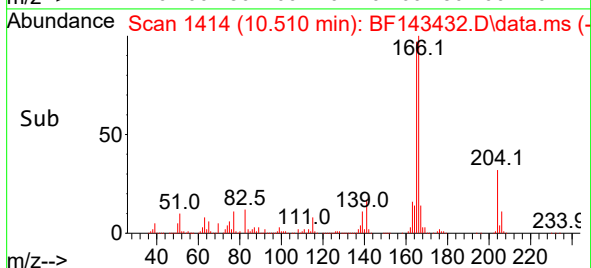
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

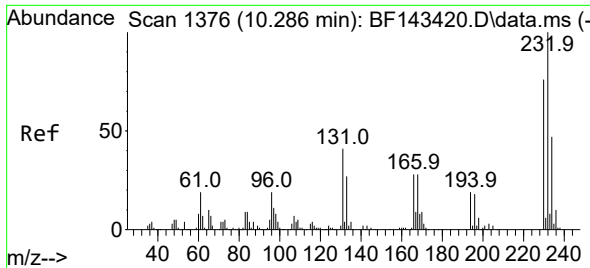


#58
Fluorene
Concen: 49.180 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



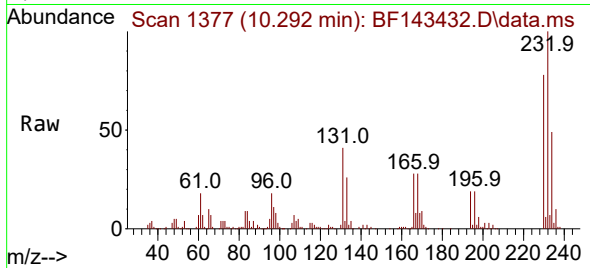
Tgt Ion:166 Resp: 773997
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.254 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

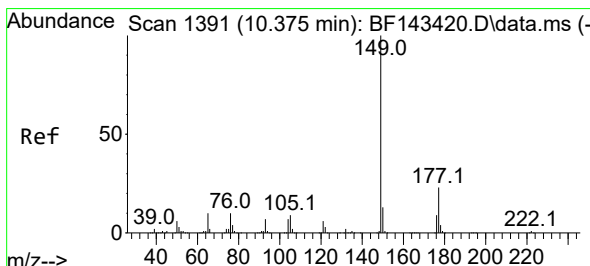
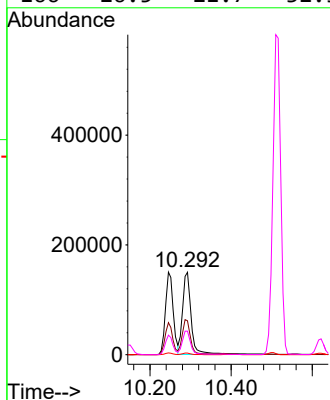
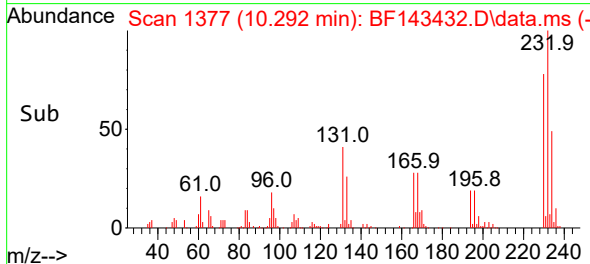
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



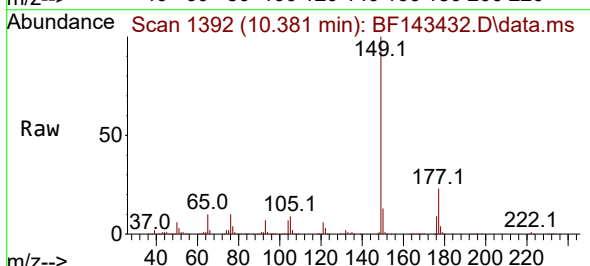
Tgt Ion:232 Resp: 220551
Ion Ratio Lower Upper
232 100
131 40.4 32.0 48.0
130 2.0 1.7 2.5
166 26.5 21.7 32.5

Manual Integrations
APPROVED

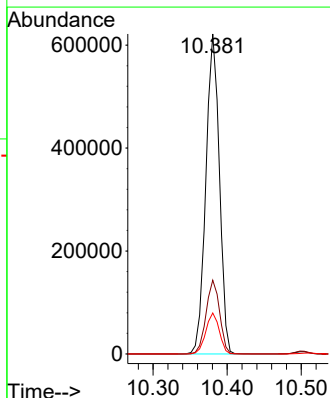
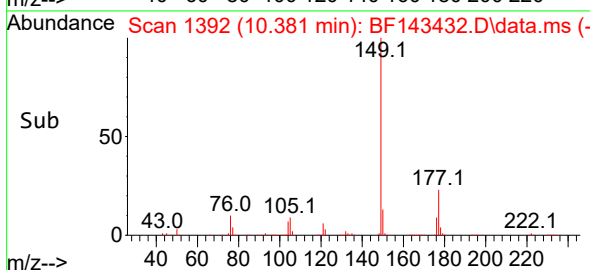
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

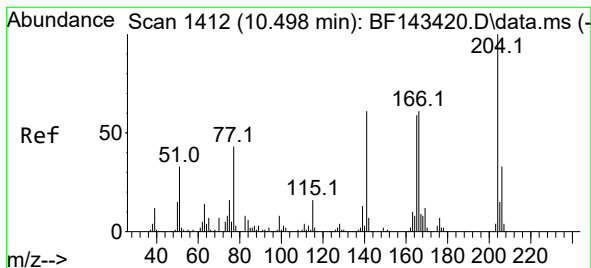


#60
Diethylphthalate
Concen: 51.905 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



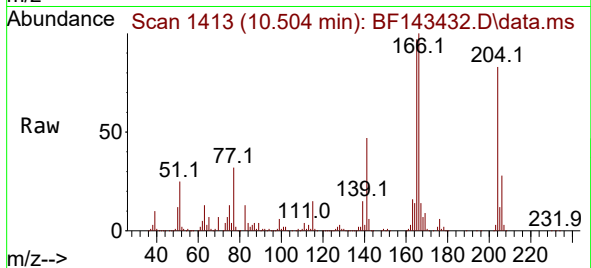
Tgt Ion:149 Resp: 788488
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.887 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

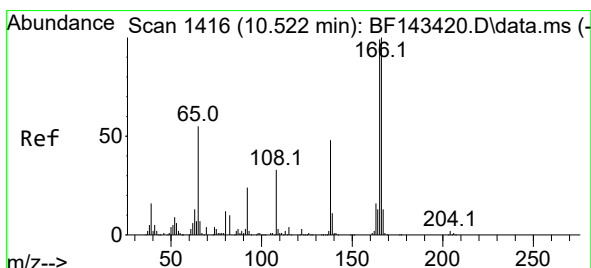
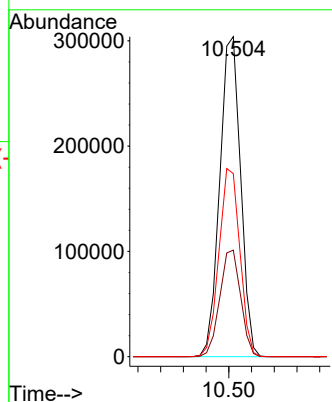
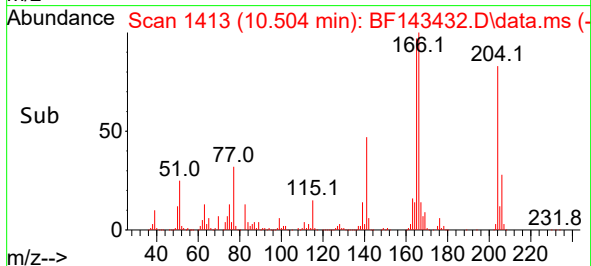
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



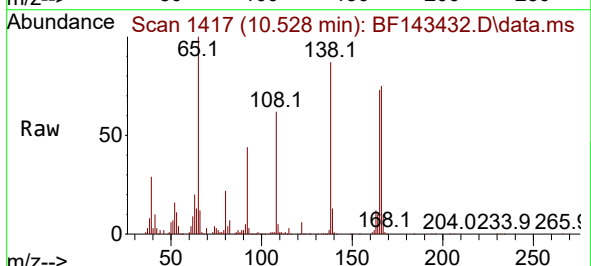
Tgt Ion:204 Resp: 388170
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 57.2 49.0 73.4

Manual Integrations
APPROVED

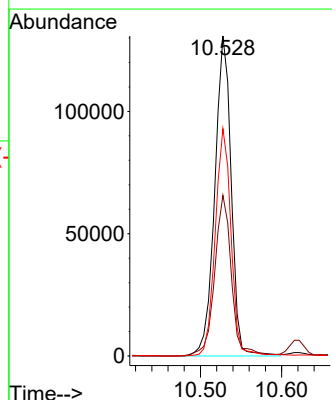
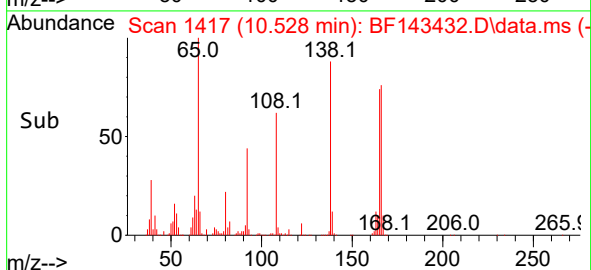
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

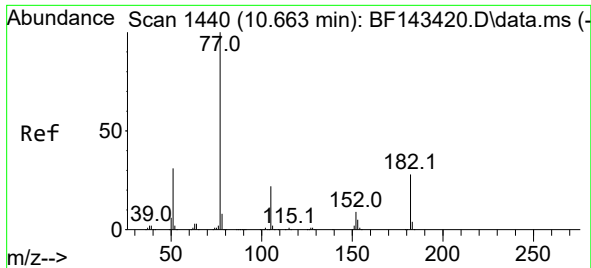


#62
4-Nitroaniline
Concen: 54.584 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



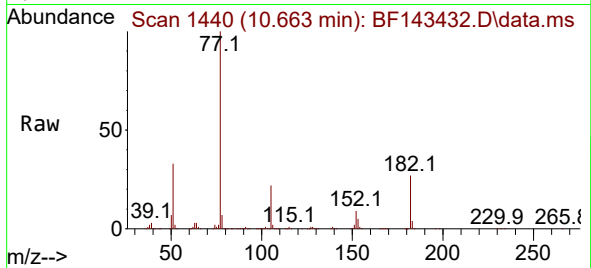
Tgt Ion:138 Resp: 184271
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 71.1 48.6 88.6





#63
Azobenzene
Concen: 52.064 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

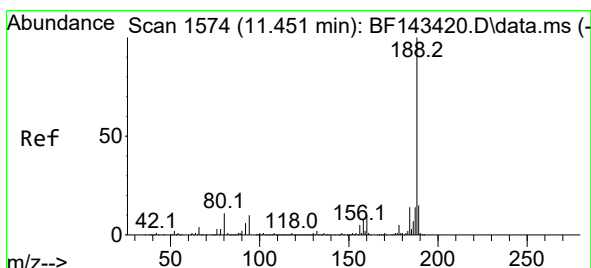
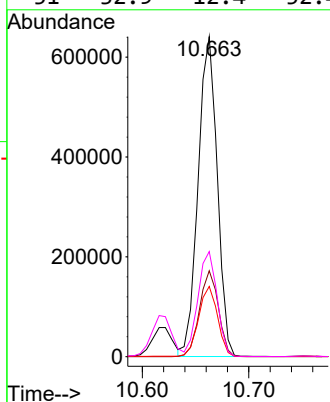
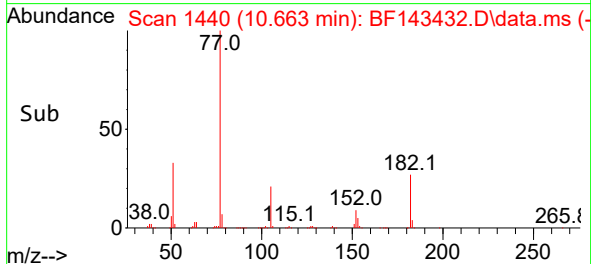
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



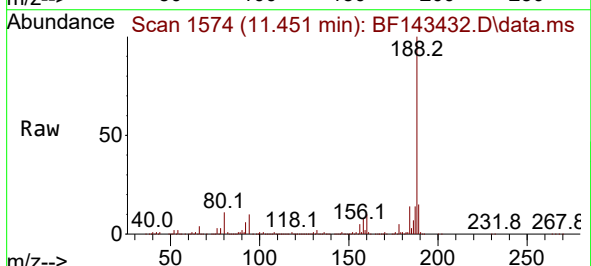
Tgt Ion: 77 Resp: 79938
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 22.0 1.7 41.7
51 32.9 12.4 52.4

Manual Integrations
APPROVED

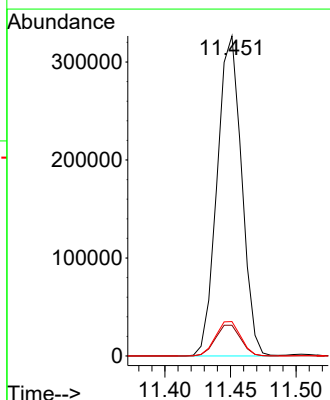
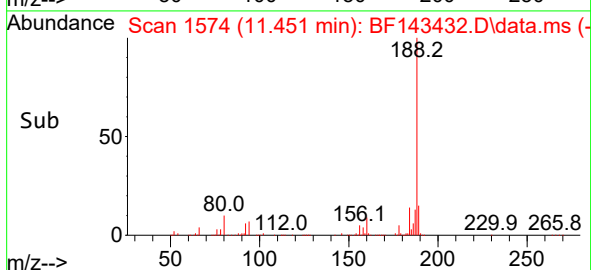
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

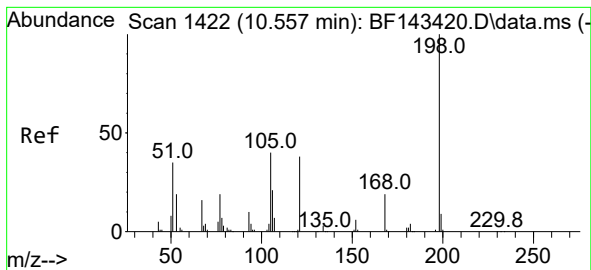


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:188 Resp: 424732
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.7 8.6 12.8





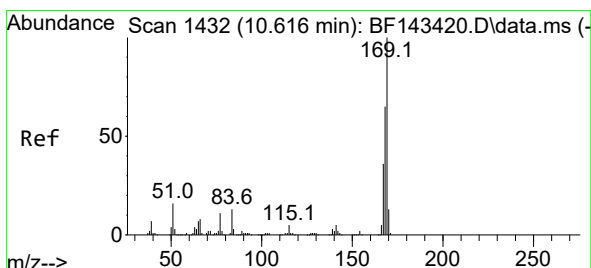
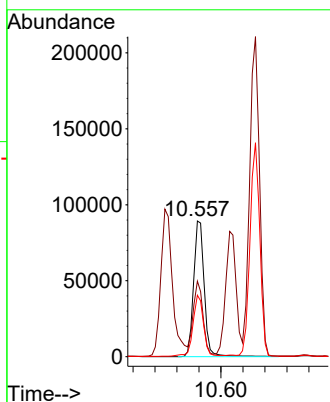
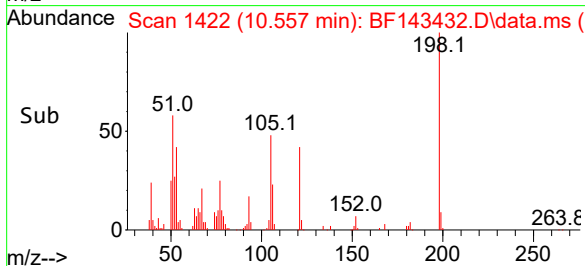
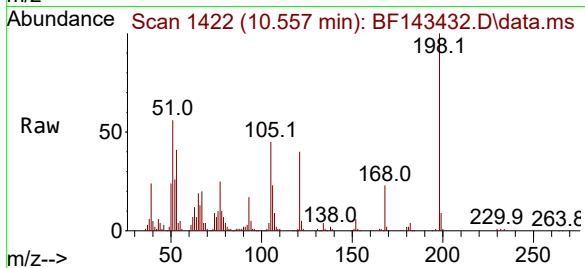
#65
4,6-Dinitro-2-methylphenol
Concen: 54.725 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Tgt Ion:198 Resp: 119928
Ion Ratio Lower Upper
198 100
51 55.7 31.2 71.2
105 45.3 21.7 61.7

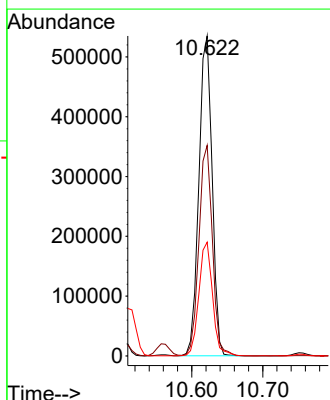
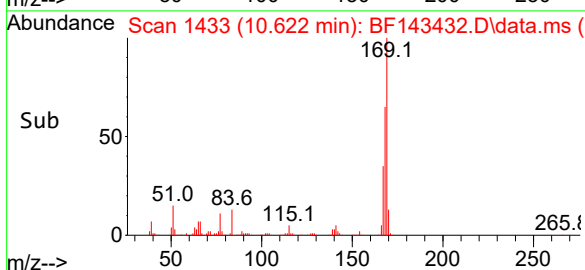
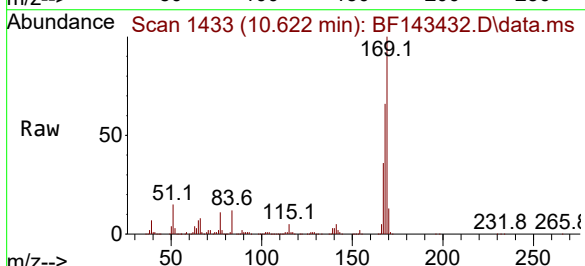
Manual Integrations
APPROVED

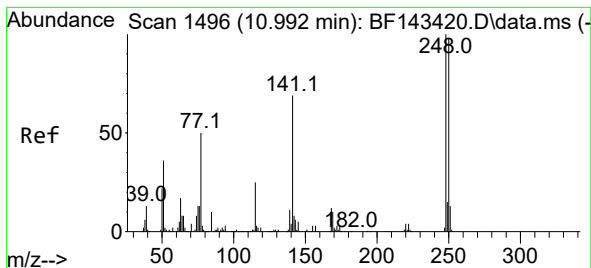
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#66
n-Nitrosodiphenylamine
Concen: 50.248 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

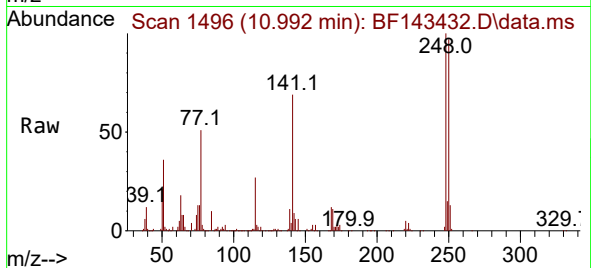
Tgt Ion:169 Resp: 693939
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 35.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 50.199 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

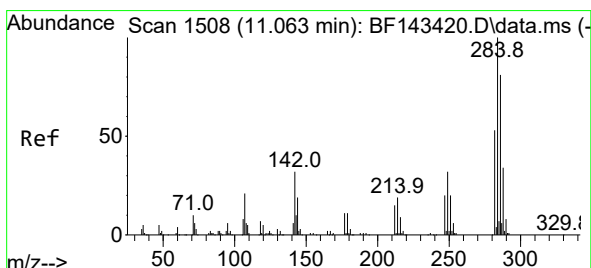
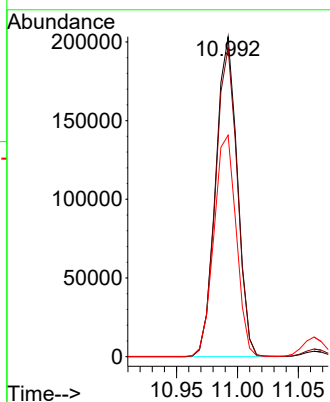
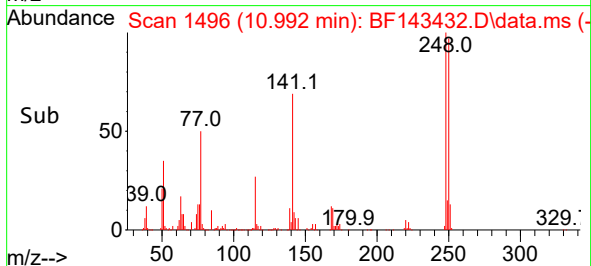
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



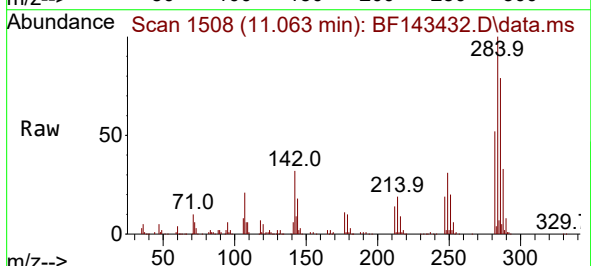
Tgt Ion:248 Resp: 25177
Ion Ratio Lower Upper
248 100
250 96.6 78.6 118.0
141 69.2 54.9 82.3

Manual Integrations
APPROVED

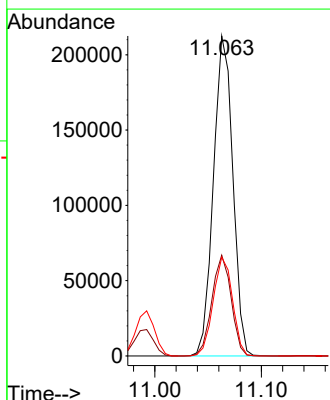
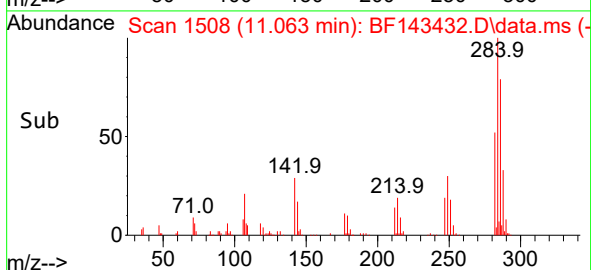
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

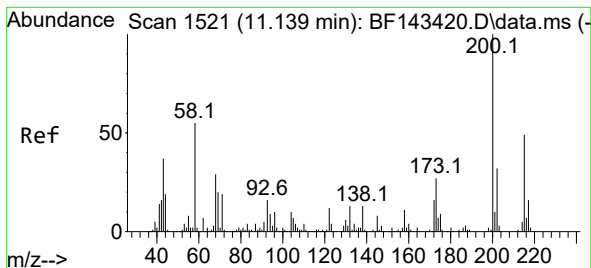


#68
Hexachlorobenzene
Concen: 50.302 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:284 Resp: 268208
Ion Ratio Lower Upper
284 100
142 31.5 25.4 38.2
249 30.9 25.4 38.0





#69

Atrazine

Concen: 53.613 ng

RT: 11.145 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF143432.D

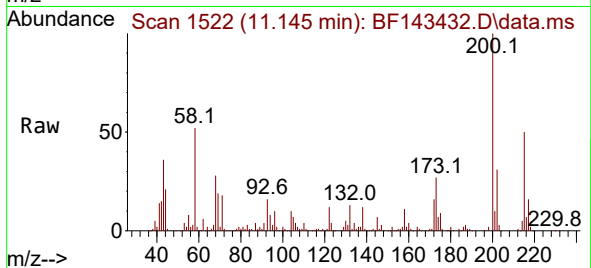
Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD



Tgt Ion:200 Resp: 21656

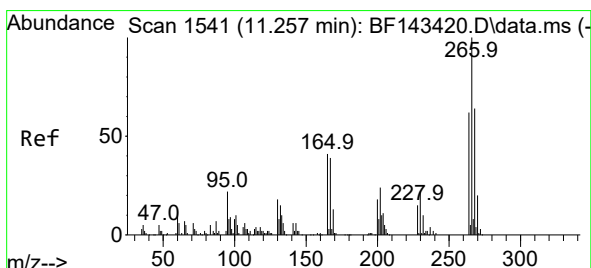
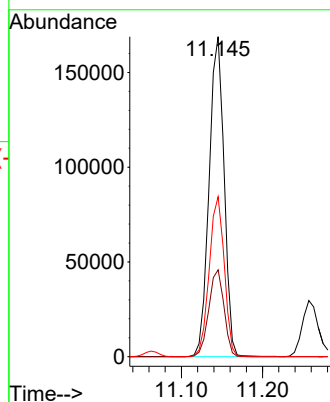
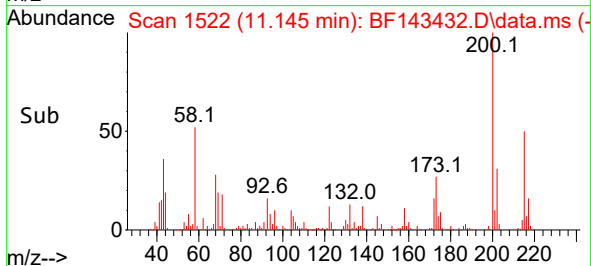
Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	50.0	29.5	69.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#70

Pentachlorophenol

Concen: 112.754 ng

RT: 11.257 min Scan# 1541

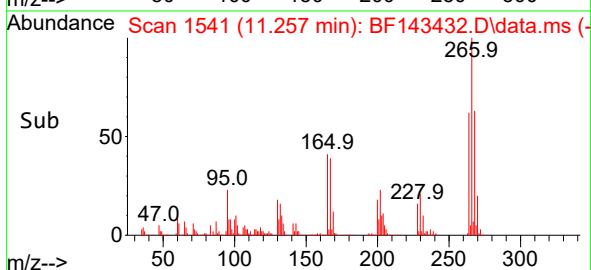
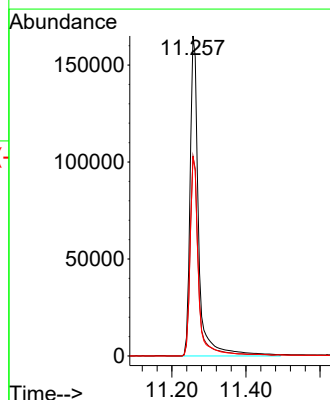
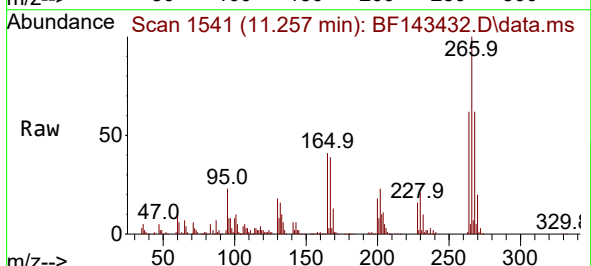
Delta R.T. -0.000 min

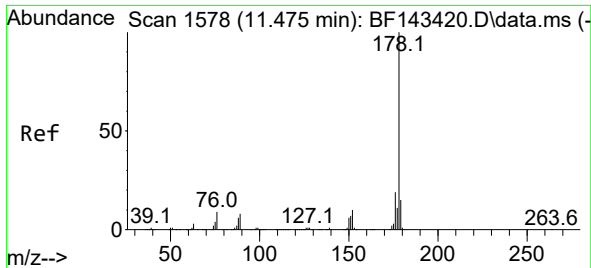
Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

Tgt Ion:266 Resp: 264390

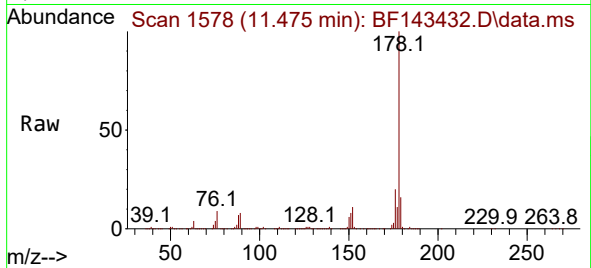
Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.0	76.6
264	62.3	49.3	73.9





#71
Phenanthrene
Concen: 48.635 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

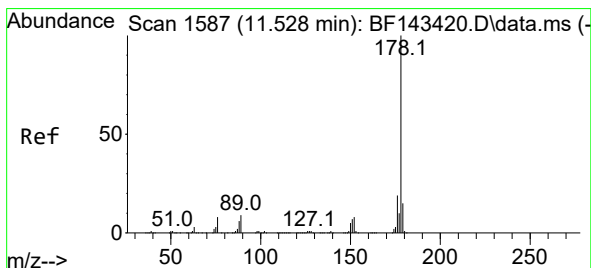
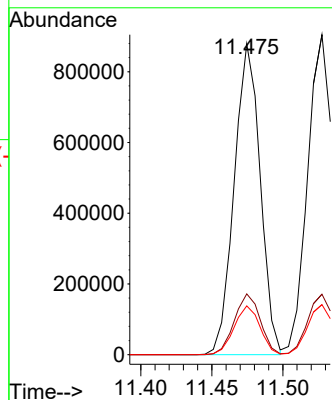
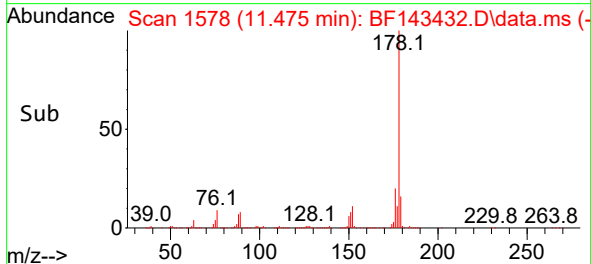
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:178 Resp: 111861
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.3 18.5

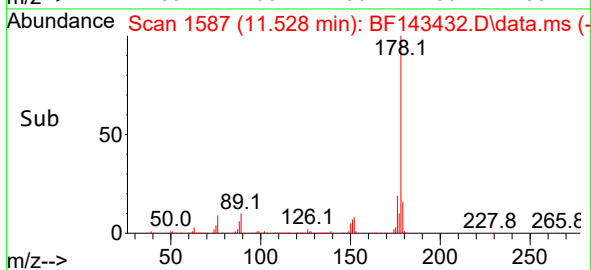
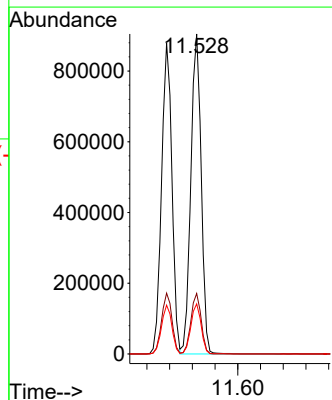
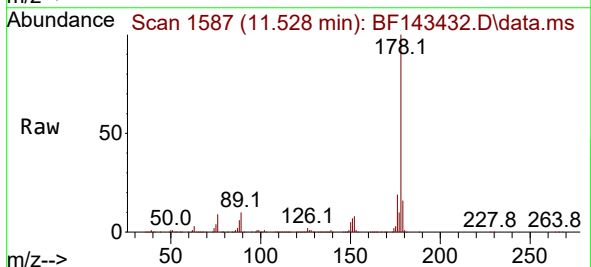
Manual Integrations
APPROVED

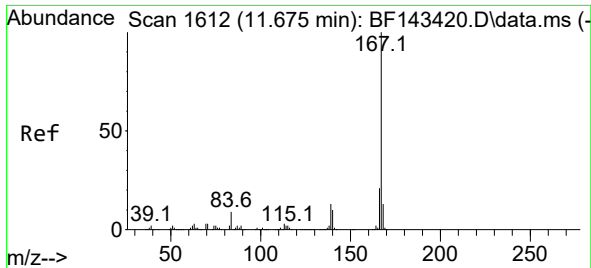
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#72
Anthracene
Concen: 49.259 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

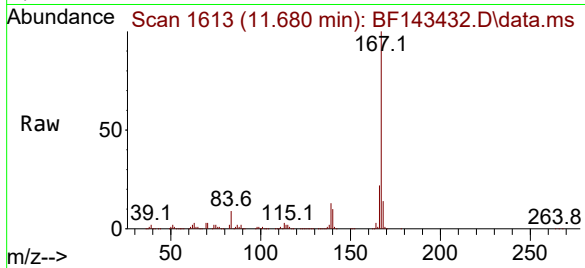
Tgt Ion:178 Resp: 1144316
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.2 18.4





#73
Carbazole
Concen: 49.658 ng
RT: 11.680 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

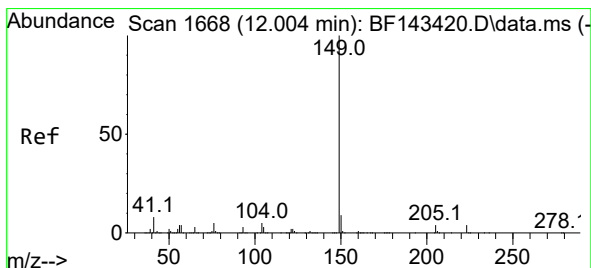
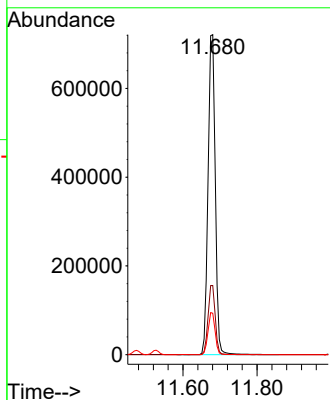
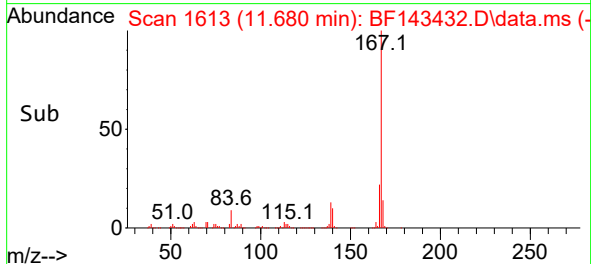
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



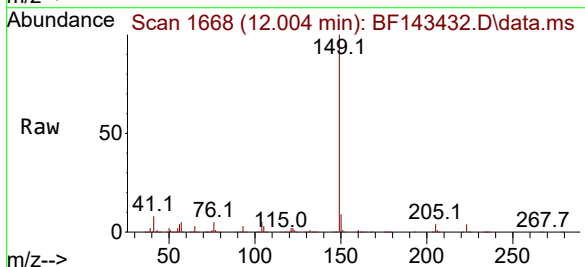
Tgt Ion:167 Resp: 97565
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.0 10.1 15.1

Manual Integrations
APPROVED

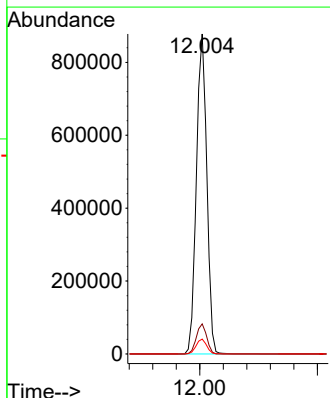
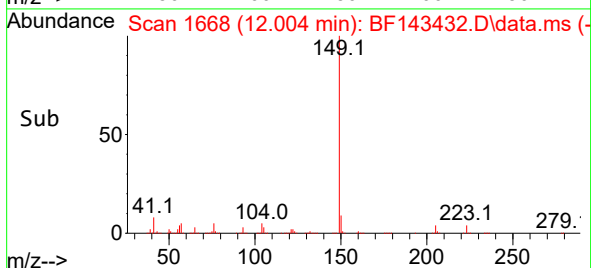
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

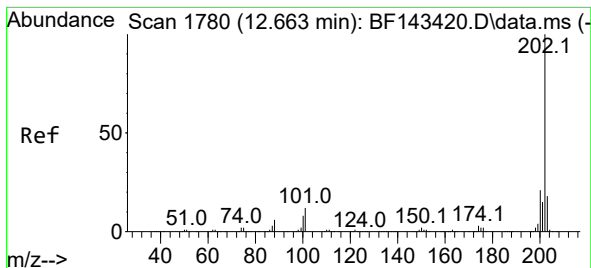


#74
Di-n-butylphthalate
Concen: 55.139 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



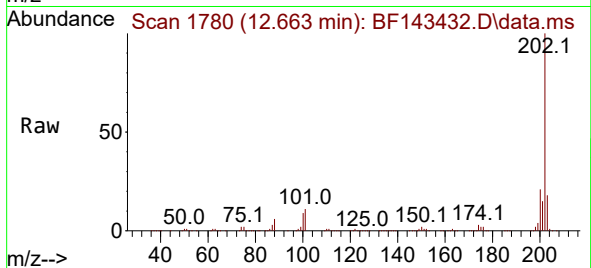
Tgt Ion:149 Resp: 1078810
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 50.061 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

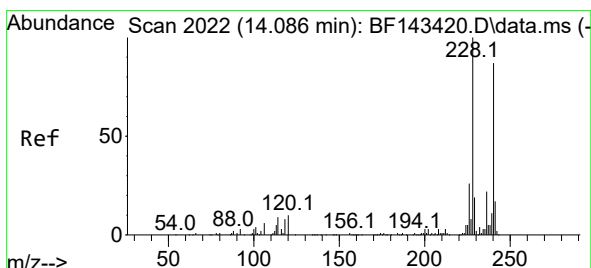
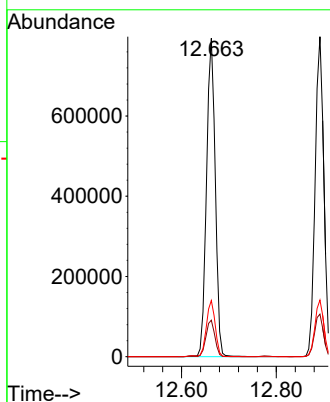
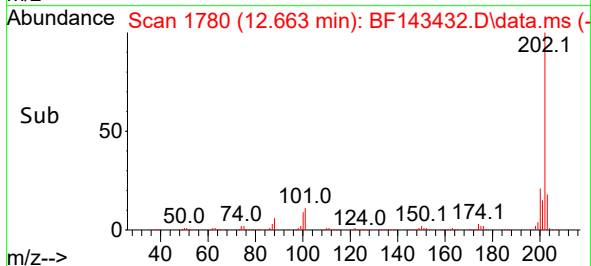
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



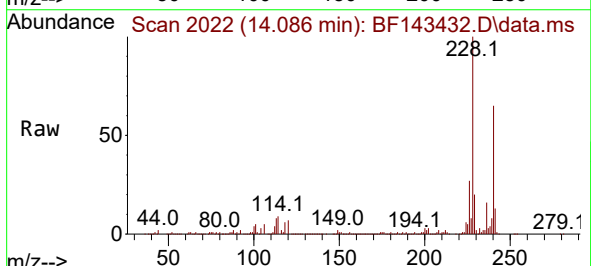
Tgt Ion:202 Resp: 102307
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 17.6 0.0 37.5

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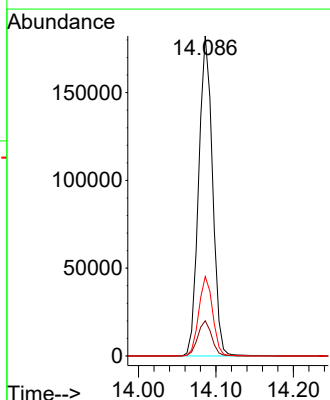
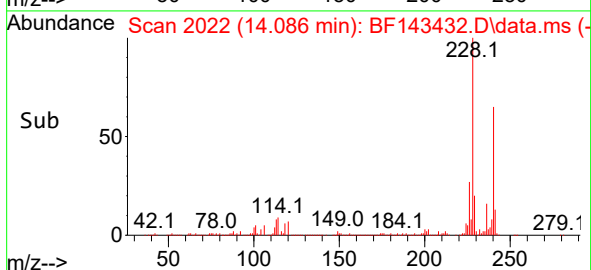
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

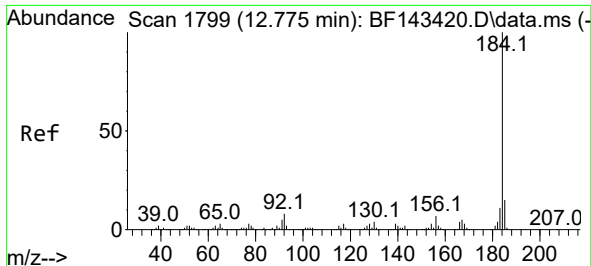


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



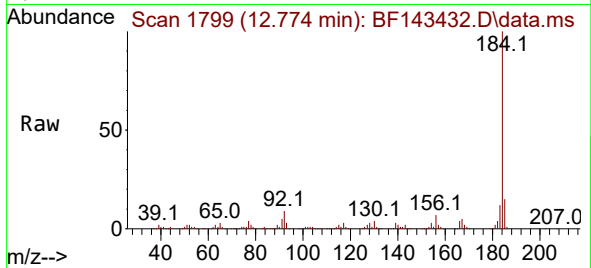
Tgt Ion:240 Resp: 226165
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 24.8 20.2 30.2





#77
Benzidine
Concen: 51.561 ng
RT: 12.774 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

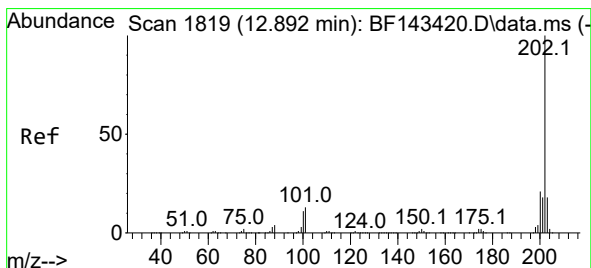
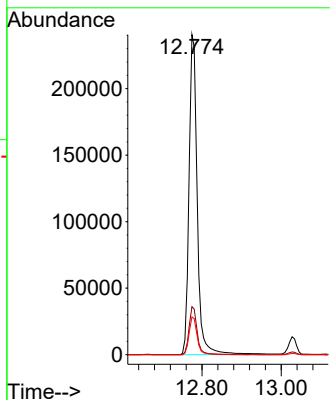
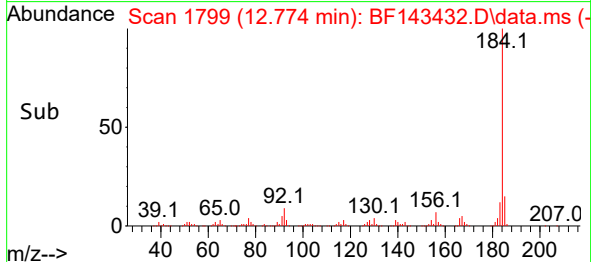
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



Tgt Ion:184 Resp: 348234
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.8 9.2 13.8

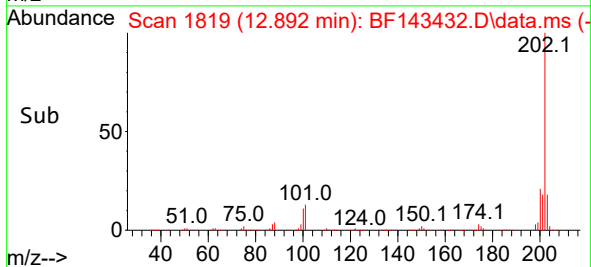
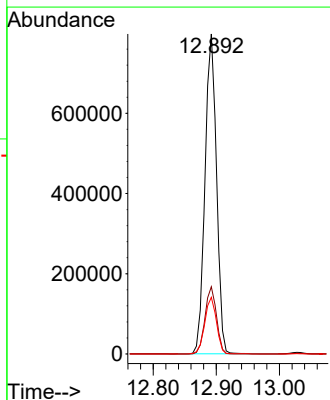
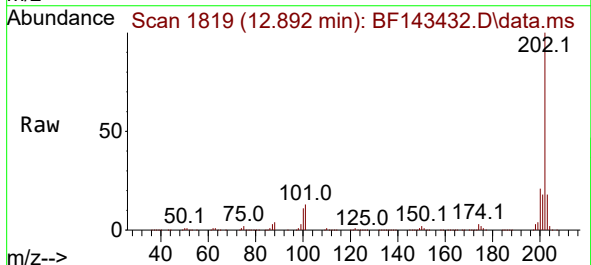
Manual Integrations
APPROVED

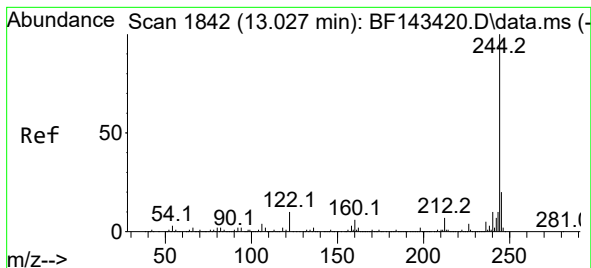
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#78
Pyrene
Concen: 51.427 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

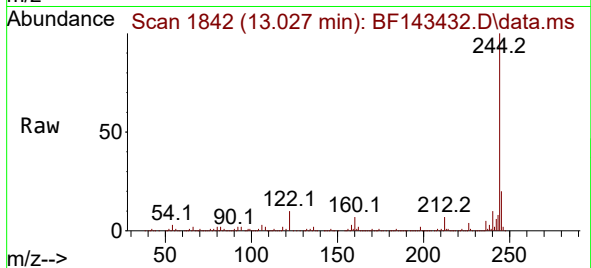
Tgt Ion:202 Resp: 1010934
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 106.956 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB169256BSD

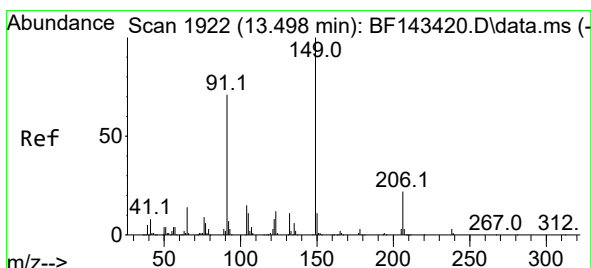
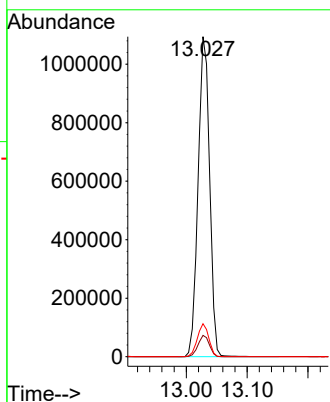
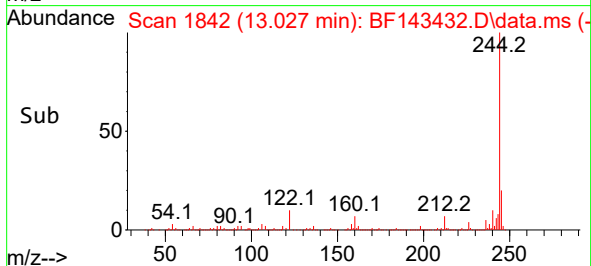


Tgt Ion:244 Resp: 1439984

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.3	8.3	12.5

Manual Integrations
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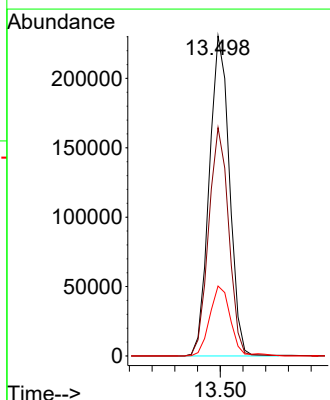
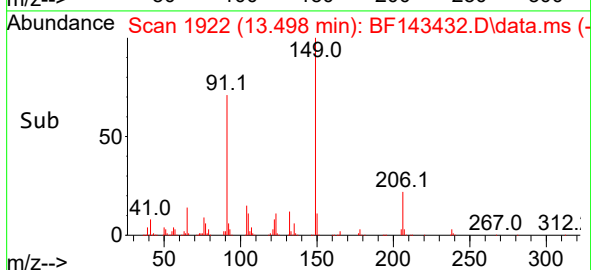
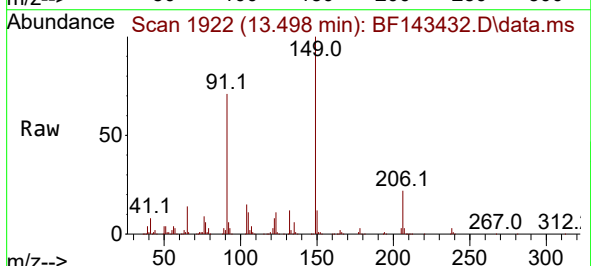
Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

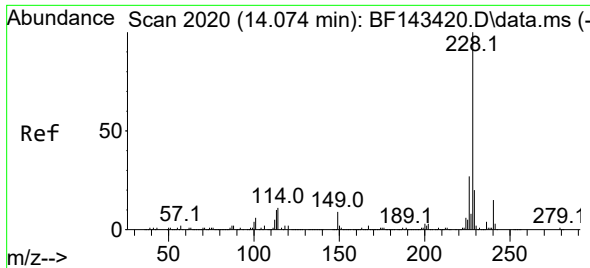


#80
 Butylbenzylphthalate
 Concen: 58.407 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143432.D
 Acq: 18 Aug 2025 10:33

Tgt Ion:149 Resp: 284383

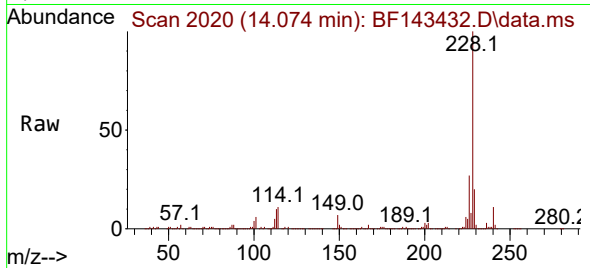
Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.0	85.4
206	21.8	17.6	26.4





#81
Benzo(a)anthracene
Concen: 50.812 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

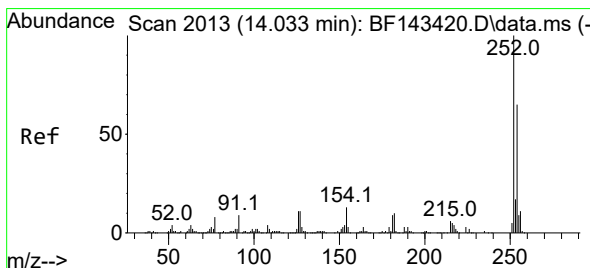
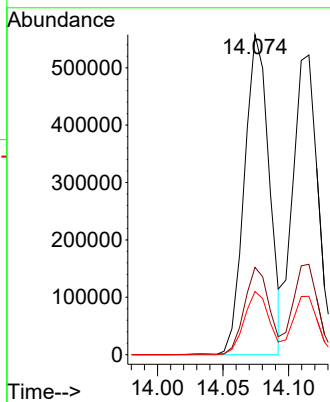
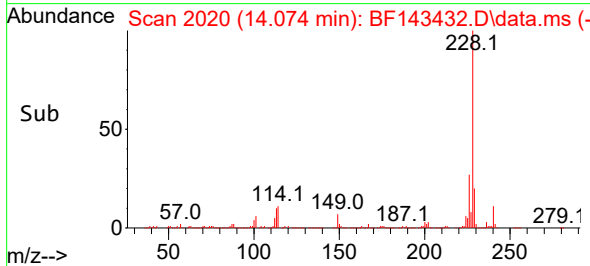
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



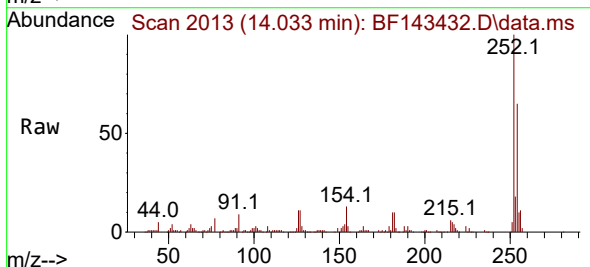
Tgt Ion:228 Resp: 731638
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.8 15.7 23.5

Manual Integrations
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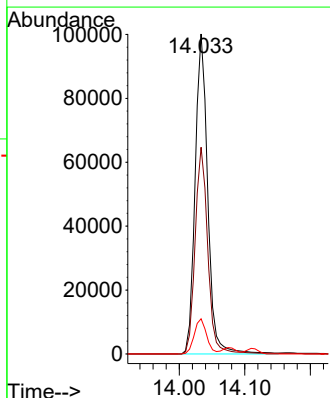
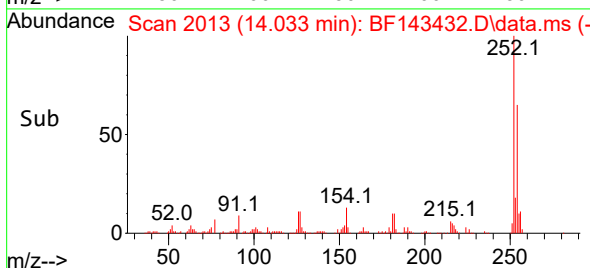
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

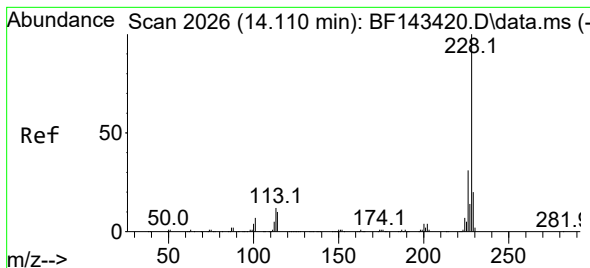


#82
3,3'-Dichlorobenzidine
Concen: 31.817 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:252 Resp: 134134
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 11.0 8.8 13.2





#83

Chrysene

Concen: 52.027 ng

RT: 14.116 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB169256BSD

Tgt Ion:228 Resp: 692560

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

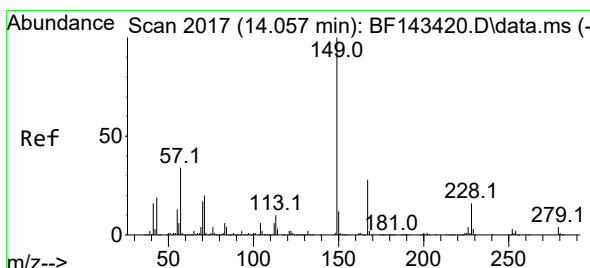
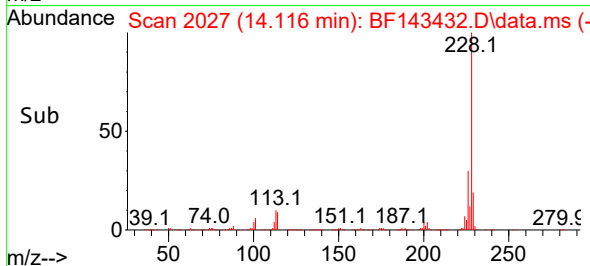
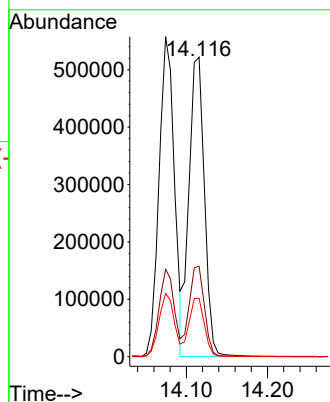
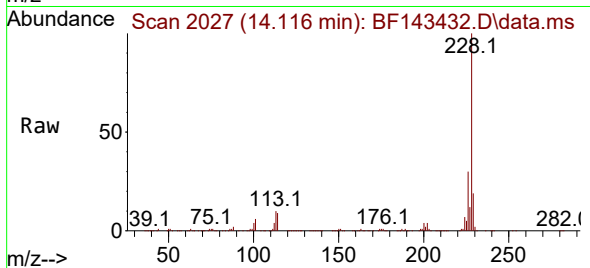
229 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/19/2025

Supervised By :Jagrut Upadhyay 08/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.478 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF143432.D

Acq: 18 Aug 2025 10:33

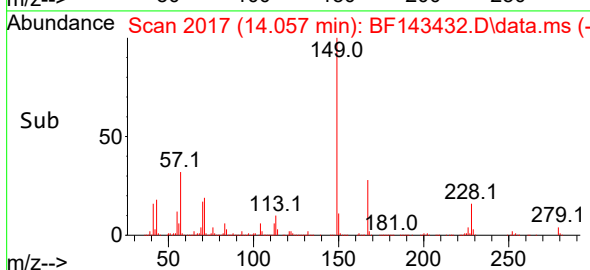
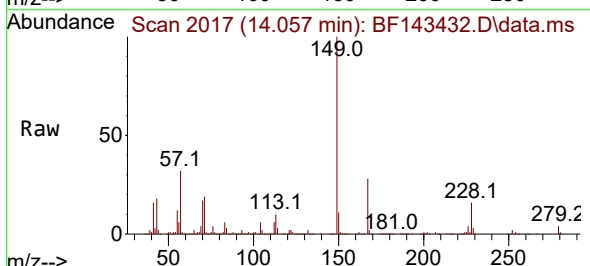
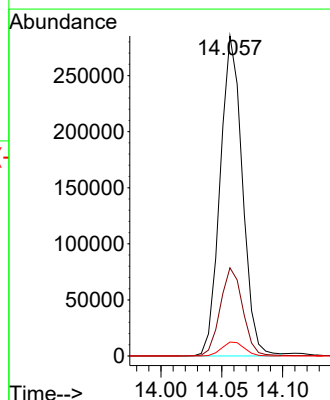
Tgt Ion:149 Resp: 362867

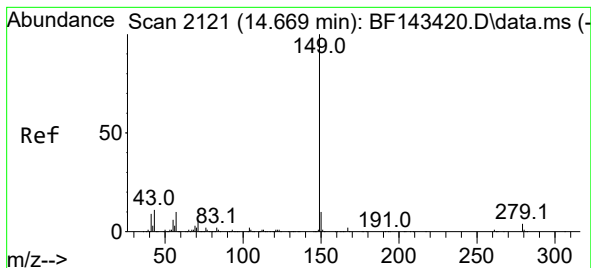
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

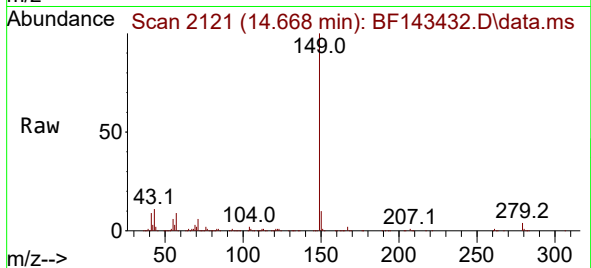
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 48.368 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

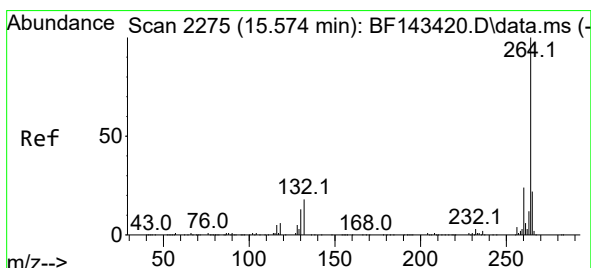
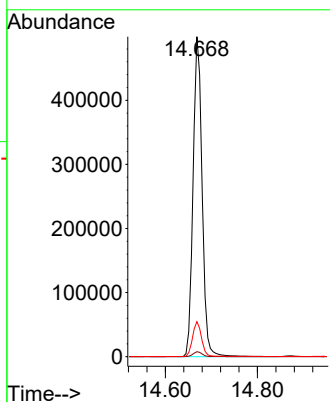
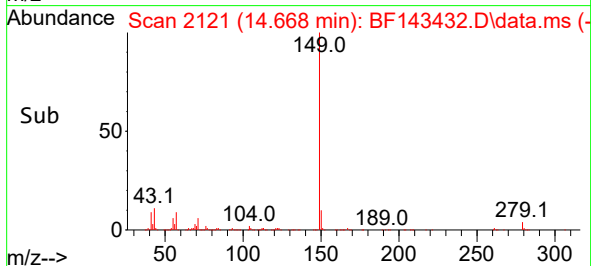
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



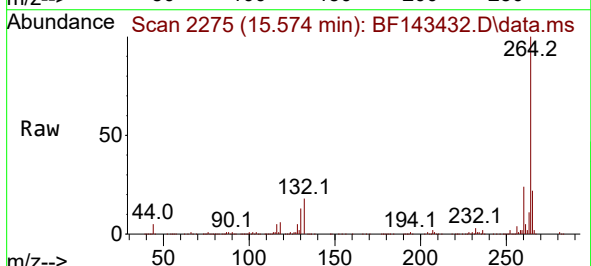
Tgt Ion:149 Resp: 678349
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.0 13.6

Manual Integrations
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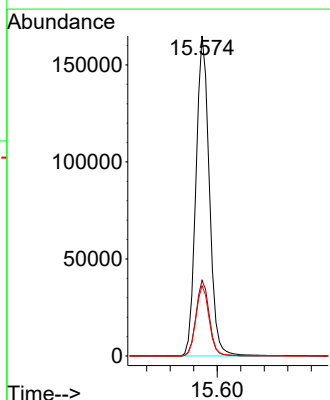
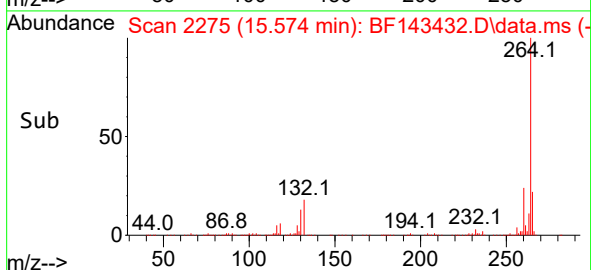
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

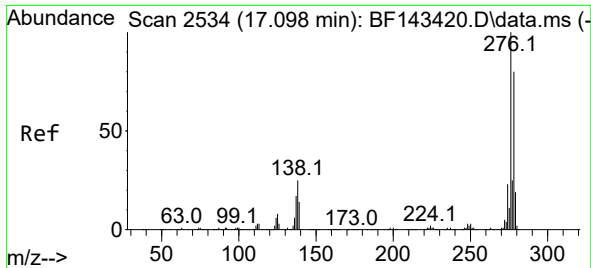


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



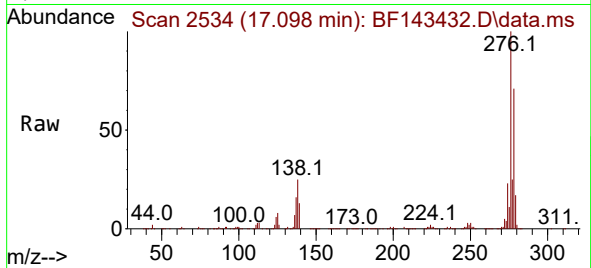
Tgt Ion:264 Resp: 260498
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.812 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

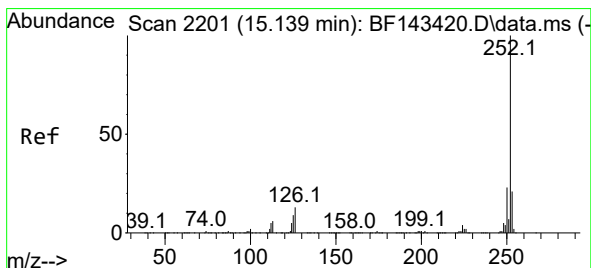
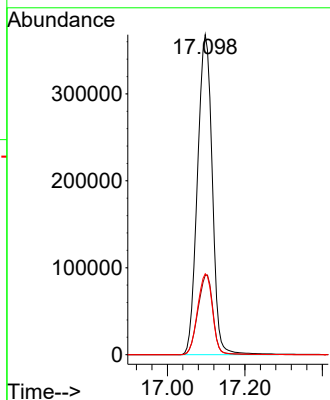
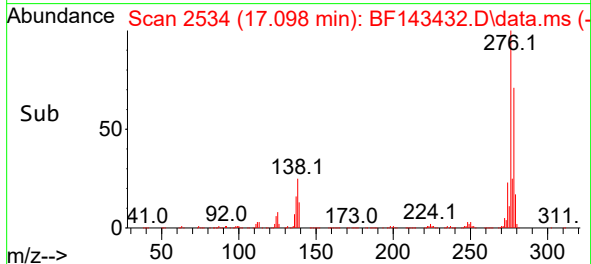
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



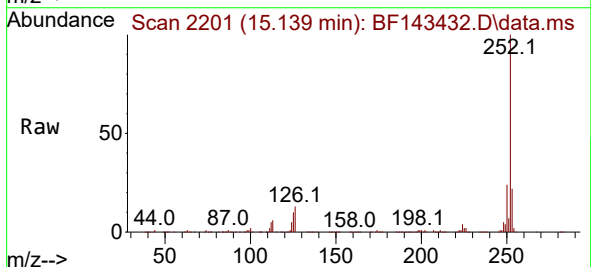
Tgt Ion:276 Resp: 973070
Ion Ratio Lower Upper
276 100
138 25.4 20.2 30.4
277 25.6 20.2 30.2

Manual Integrations
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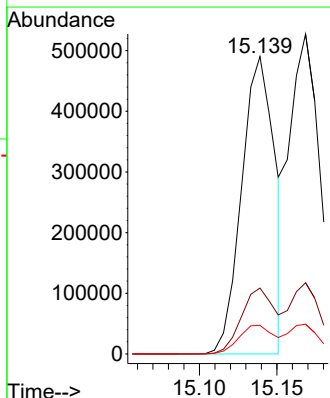
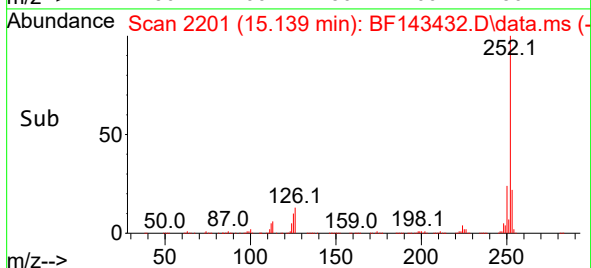
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

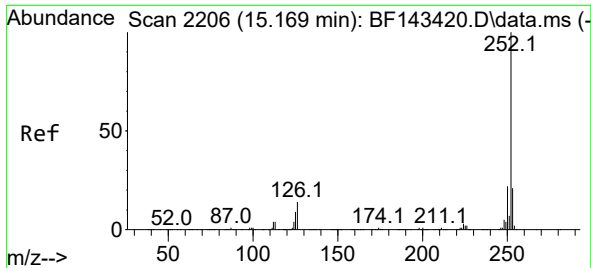


#88
Benzo(b)fluoranthene
Concen: 52.010 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



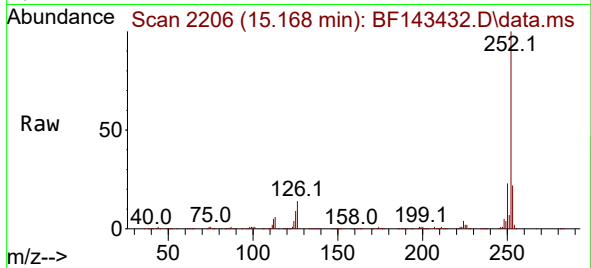
Tgt Ion:252 Resp: 726149
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.6 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 53.112 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

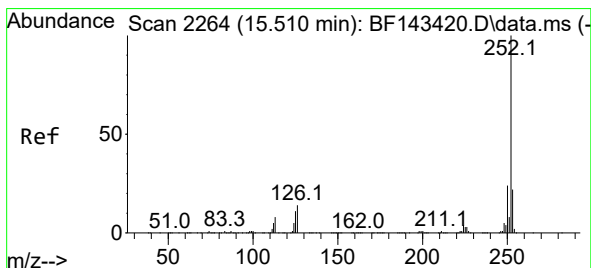
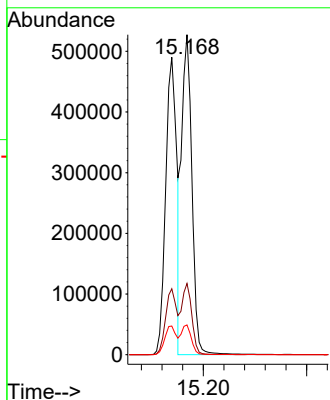
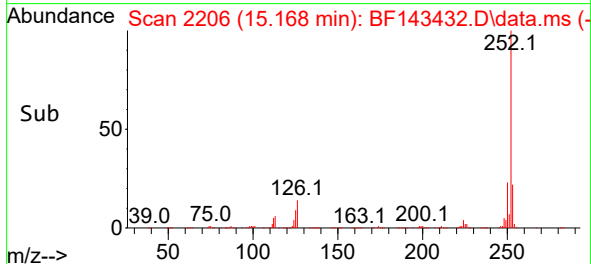
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



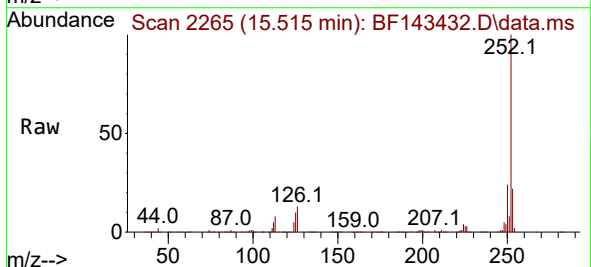
Tgt Ion:252 Resp: 731388
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.3 7.4 11.2

Manual Integrations
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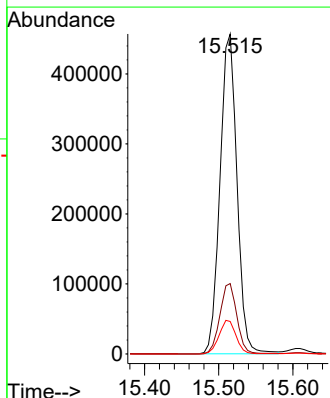
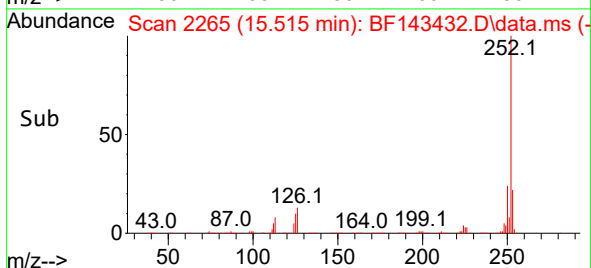
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

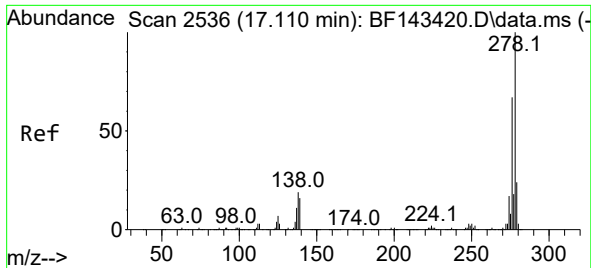


#90
Benzo(a)pyrene
Concen: 54.641 ng
RT: 15.515 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



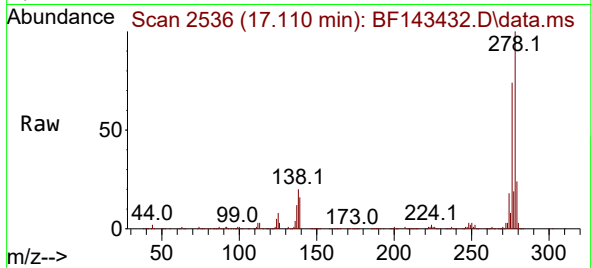
Tgt Ion:252 Resp: 726611
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.2 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 50.597 ng
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33

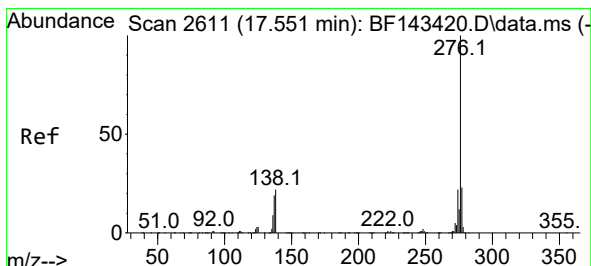
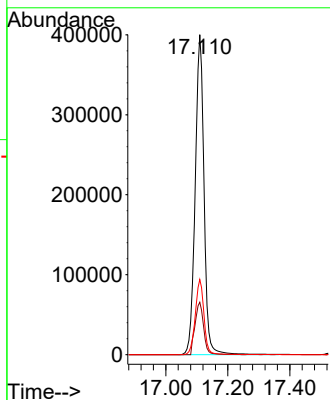
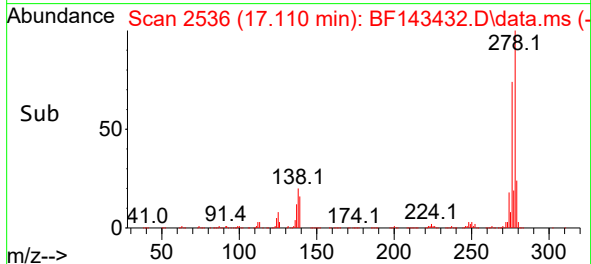
Instrument :
BNA_F
ClientSampleId :
PB169256BSD



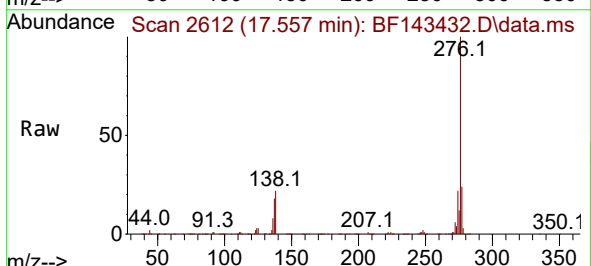
Tgt Ion:278 Resp: 793730
Ion Ratio Lower Upper
278 100
139 16.4 12.9 19.3
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



#92
Benzo(g,h,i)perylene
Concen: 51.174 ng
RT: 17.557 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF143432.D
Acq: 18 Aug 2025 10:33



Tgt Ion:276 Resp: 801965
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 21.6 17.5 26.3

