

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143469.D
 Acq On : 19 Aug 2025 22:19
 Operator : RC/JU
 Sample : PB169312BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169312BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:14:45 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	142798	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	549930	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	318238	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	513401	20.000	ng	0.00
76) Chrysene-d12	14.092	240	259952	20.000	ng	0.00
86) Perylene-d12	15.580	264	316754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	991702	120.723	ng	0.02
7) Phenol-d6	6.569	99	1244213	120.186	ng	0.01
23) Nitrobenzene-d5	7.486	82	830903	89.657	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	399027	140.872	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1558529	82.373	ng	0.00
79) Terphenyl-d14	13.033	244	1501339	97.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	139064	35.169	ng	98
3) Pyridine	3.610	79	379764	36.619	ng	99
4) n-Nitrosodimethylamine	3.546	42	205217	42.573	ng	99
6) Aniline	6.592	93	482729	34.348	ng	# 74
8) 2-Chlorophenol	6.722	128	391482	43.166	ng	97
9) Benzaldehyde	6.481	77	201083	36.512	ng	96
10) Phenol	6.581	94	487633	40.365	ng	86
11) bis(2-Chloroethyl)ether	6.657	93	372567	41.606	ng	98
12) 1,3-Dichlorobenzene	6.869	146	431312	42.455	ng	100
13) 1,4-Dichlorobenzene	6.945	146	433909	42.781	ng	100
14) 1,2-Dichlorobenzene	7.098	146	420591	43.416	ng	99
15) Benzyl Alcohol	7.069	79	353284	46.275	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	601829	39.313	ng	85
17) 2-Methylphenol	7.186	107	322381	43.568	ng	96
18) Hexachloroethane	7.439	117	145547	42.159	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	273956	42.745	ng	97
20) 3+4-Methylphenols	7.334	107	384072	43.419	ng	99
22) Acetophenone	7.334	105	517687	43.783	ng	99
24) Nitrobenzene	7.510	77	418146	43.170	ng	97
25) Isophorone	7.745	82	775117	43.699	ng	99
26) 2-Nitrophenol	7.822	139	217221	48.376	ng	99
27) 2,4-Dimethylphenol	7.863	122	351934	46.356	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	468027	42.929	ng	99
29) 2,4-Dichlorophenol	8.069	162	345078	44.588	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	360115	45.413	ng	100
31) Naphthalene	8.233	128	1101600	42.194	ng	100
32) Benzoic acid	7.992	122	200990	50.904	ng	97
33) 4-Chloroaniline	8.275	127	282053	29.929	ng	100
34) Hexachlorobutadiene	8.351	225	218766	43.263	ng	98
35) Caprolactam	8.645	113	107744m	48.355	ng	
36) 4-Chloro-3-methylphenol	8.763	107	356658	44.746	ng	99
37) 2-Methylnaphthalene	8.922	142	687317	39.056	ng	99
38) 1-Methylnaphthalene	9.022	142	709532	42.081	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	361646	40.748	ng	99
41) Hexachlorocyclopentadiene	9.080	237	380308	114.404	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	246329	44.493	ng	98

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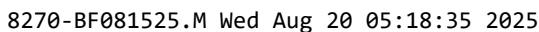
Quant Time: Aug 20 01:14:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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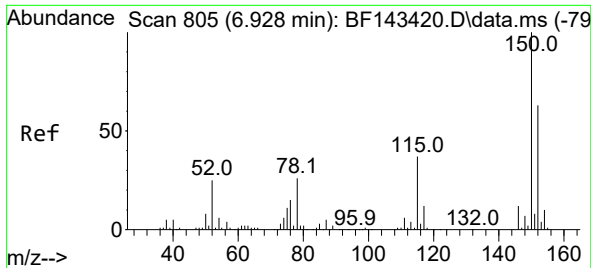
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	258110	43.492	ng	98
46) 1,1'-Biphenyl	9.386	154	938289	41.963	ng	99
47) 2-Chloronaphthalene	9.410	162	727727	41.231	ng	100
48) 2-Nitroaniline	9.504	65	235352	44.808	ng	95
49) Acenaphthylene	9.828	152	1176746	46.177	ng	99
50) Dimethylphthalate	9.680	163	887130	44.713	ng	100
51) 2,6-Dinitrotoluene	9.745	165	195288	49.930	ng	94
52) Acenaphthene	9.998	154	785293	45.817	ng	100
53) 3-Nitroaniline	9.916	138	147618	33.882	ng	98
54) 2,4-Dinitrophenol	10.027	184	187731	101.567	ng	97
55) Dibenzofuran	10.169	168	1025284	41.467	ng	98
56) 4-Nitrophenol	10.086	139	254807	93.025	ng	98
57) 2,4-Dinitrotoluene	10.151	165	266819	51.168	ng	98
58) Fluorene	10.516	166	801690	42.206	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	224958	50.076	ng	97
60) Diethylphthalate	10.380	149	824776	44.985	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	407903	43.435	ng	97
62) 4-Nitroaniline	10.533	138	191239	46.936	ng	99
63) Azobenzene	10.663	77	798395	43.084	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	133267	50.309	ng	99
66) n-Nitrosodiphenylamine	10.622	169	710546	42.564	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	262898	43.364	ng	99
68) Hexachlorobenzene	11.069	284	283128	43.929	ng	97
69) Atrazine	11.145	200	233034	47.727	ng	99
70) Pentachlorophenol	11.263	266	286333	101.022	ng	99
71) Phenanthrene	11.474	178	1155593	41.566	ng	100
72) Anthracene	11.527	178	1190484	42.396	ng	99
73) Carbazole	11.680	167	1012336	42.626	ng	100
74) Di-n-butylphthalate	12.004	149	1124088	47.530	ng	100
75) Fluoranthene	12.663	202	1073827	43.469	ng	100
77) Benzidine	12.780	184	348847	44.939	ng	98
78) Pyrene	12.892	202	1040986	46.073	ng	100
80) Butylbenzylphthalate	13.498	149	300410	53.680	ng	99
81) Benzo(a)anthracene	14.080	228	743508	44.925	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	159075	32.829	ng	99
83) Chrysene	14.115	228	656735	42.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	386943	48.686	ng	100
85) Di-n-octyl phthalate	14.668	149	741719	46.013	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	1018388	42.873	ng	99
88) Benzo(b)fluoranthene	15.139	252	800685	47.164	ng	98
89) Benzo(k)fluoranthene	15.168	252	689804	41.196	ng	99
90) Benzo(a)pyrene	15.515	252	753723	46.614	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	819257	42.949	ng	100
92) Benzo(g,h,i)perylene	17.568	276	833179	43.723	ng	98

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

Manual Integrations

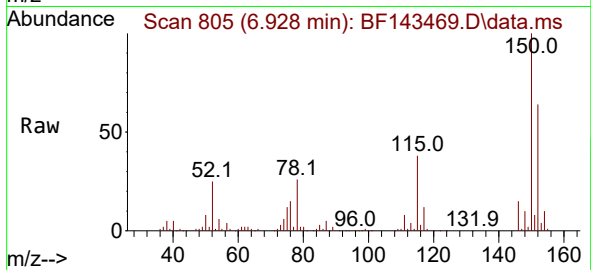
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143469.D
 Acq: 19 Aug 2025 22:19

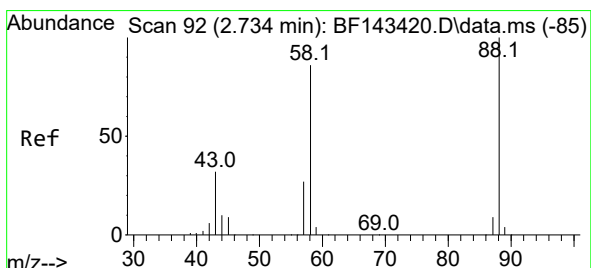
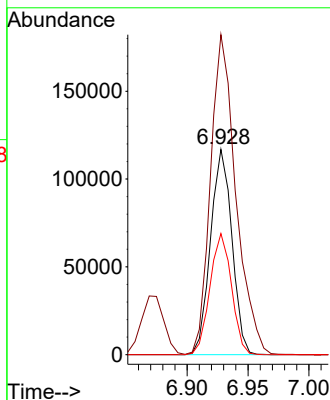
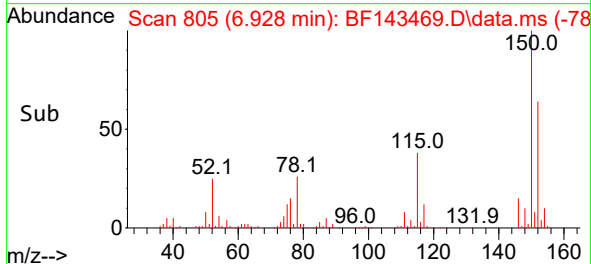
Instrument :
 BNA_F
 ClientSampleId :
 PB169312BS



Tgt Ion:152 Resp: 142798
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.4 191.2
 115 59.0 47.5 71.3

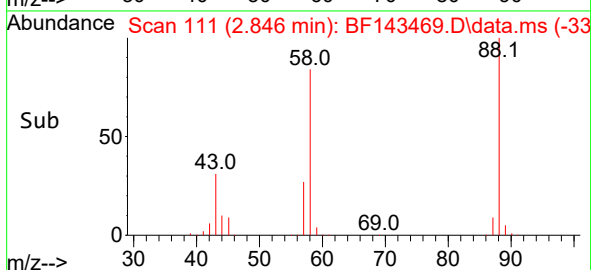
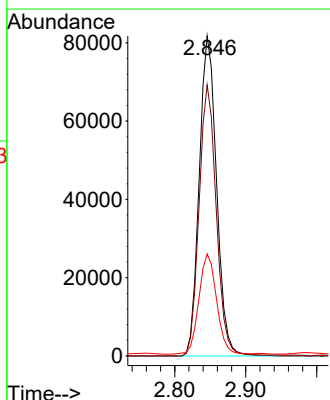
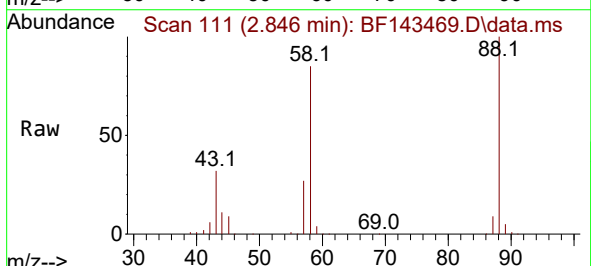
Manual Integrations
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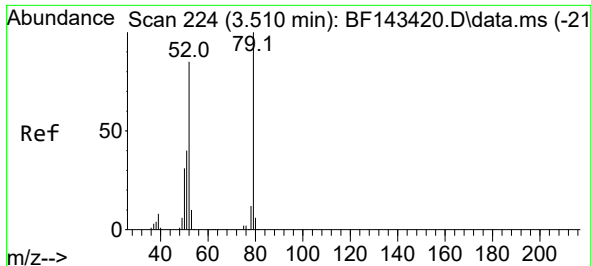
Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025



#2
 1,4-Dioxane
 Concen: 35.169 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.112 min
 Lab File: BF143469.D
 Acq: 19 Aug 2025 22:19

Tgt Ion: 88 Resp: 139064
 Ion Ratio Lower Upper
 88 100
 58 84.0 68.7 103.1
 43 32.0 26.1 39.1





#3

Pyridine

Concen: 36.619 ng

RT: 3.610 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF143469.D

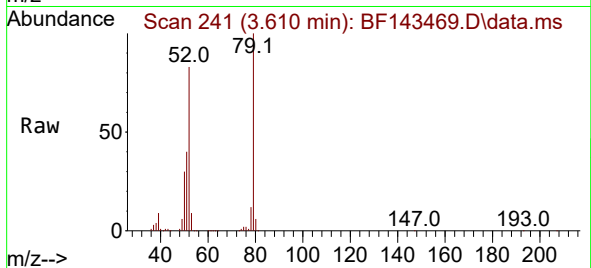
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



Tgt Ion: 79 Resp: 379764

Ion Ratio Lower Upper

79 100

52 83.1 67.7 101.5

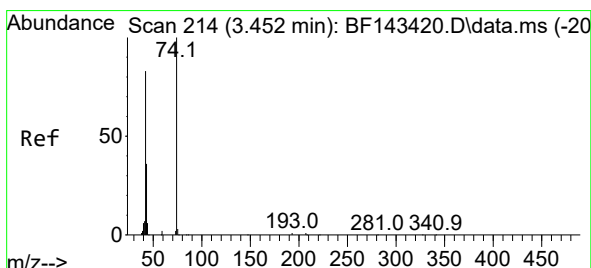
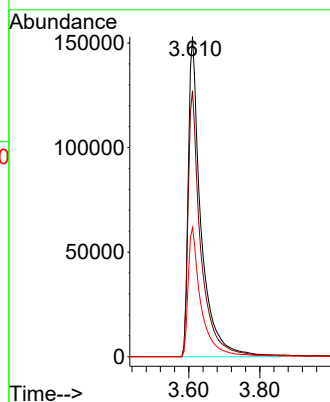
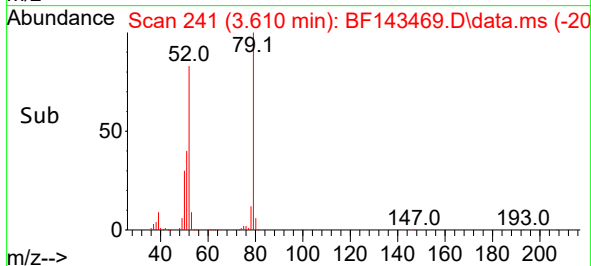
51 40.4 32.3 48.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/20/2025



#4

n-Nitrosodimethylamine

Concen: 42.573 ng

RT: 3.546 min Scan# 230

Delta R.T. 0.094 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

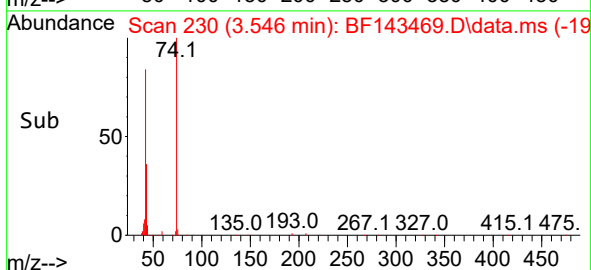
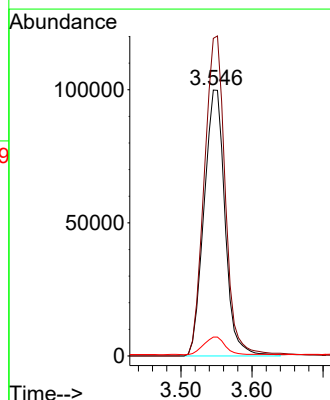
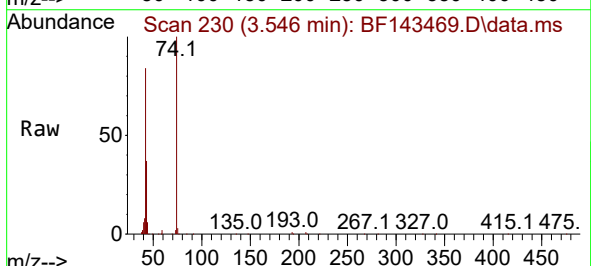
Tgt Ion: 42 Resp: 205217

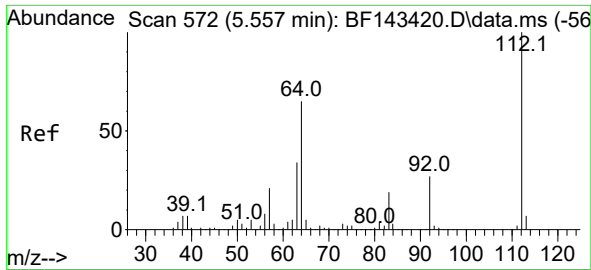
Ion Ratio Lower Upper

42 100

74 119.5 96.2 144.4

44 7.1 5.9 8.9





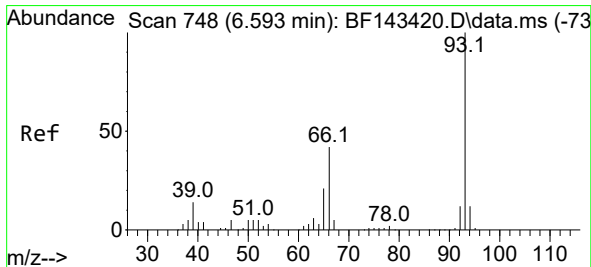
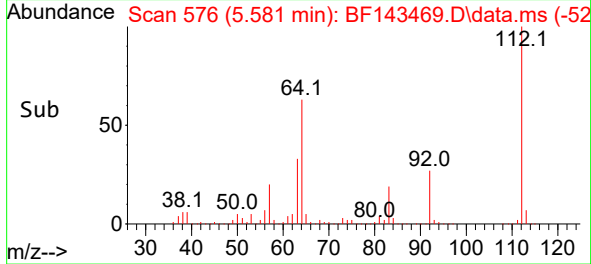
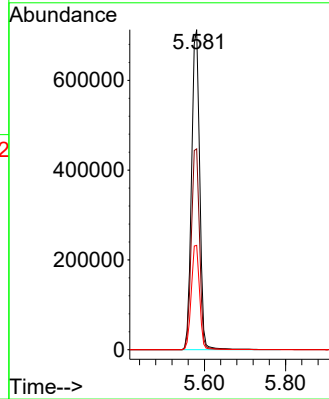
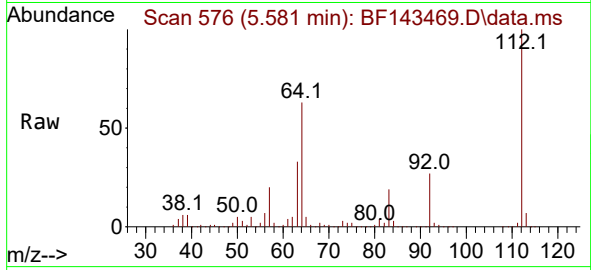
#5
2-Fluorophenol
Concen: 120.723 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :
BNA_F
ClientSampleId :
PB169312BS

Tgt Ion:112 Resp: 991702
Ion Ratio Lower Upper
112 100
64 62.8 52.2 78.2
63 32.6 27.0 40.6

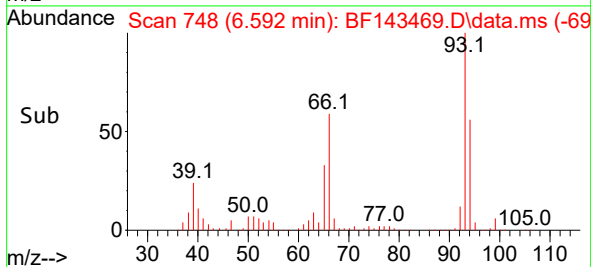
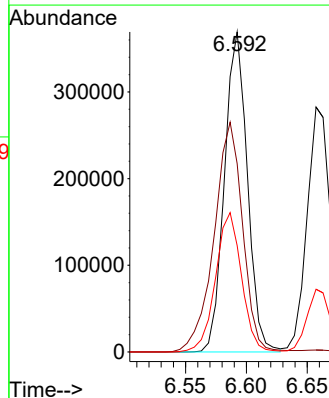
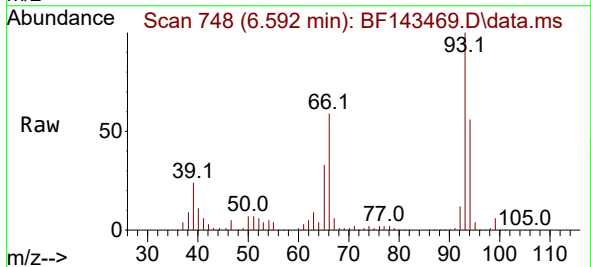
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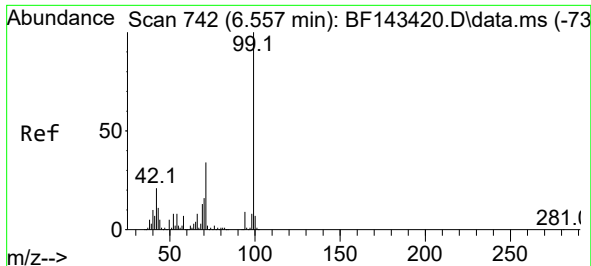
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#6
Aniline
Concen: 34.348 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

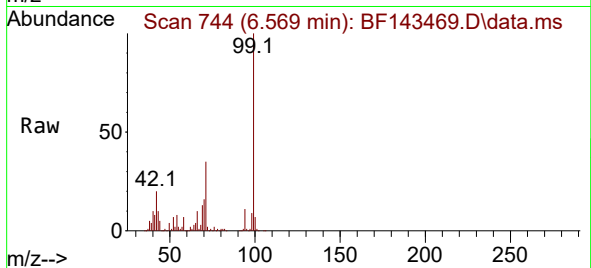
Tgt Ion: 93 Resp: 482729
Ion Ratio Lower Upper
93 100
66 58.8 33.8 50.8#
65 33.3 17.2 25.8#





#7
Phenol-d6
Concen: 120.186 ng
RT: 6.569 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

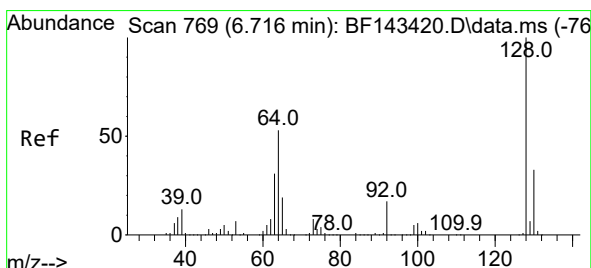
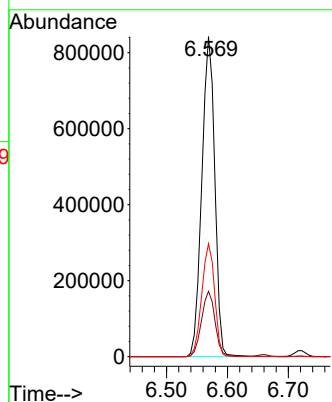
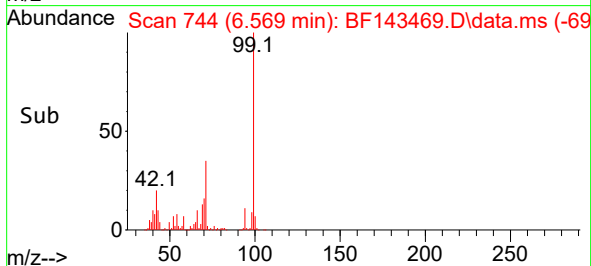
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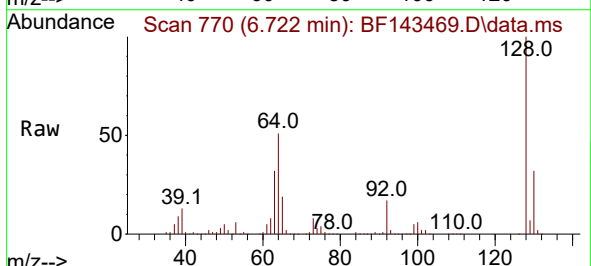
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Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 35.3 27.4 41.2

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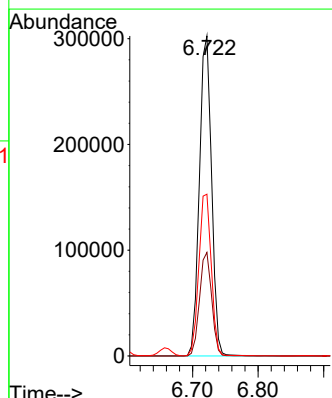
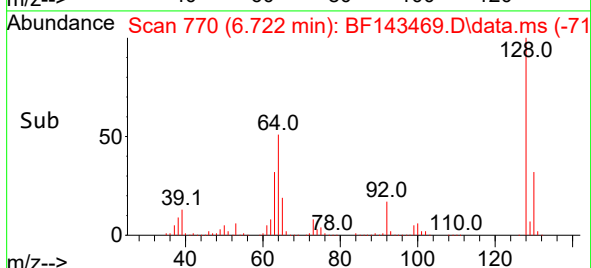
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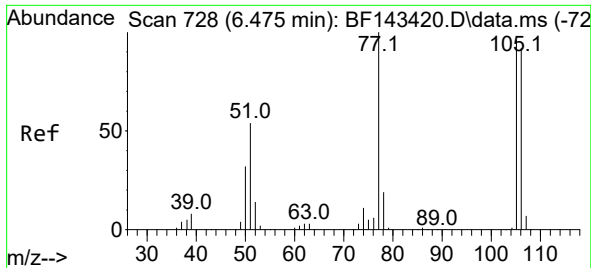


#8
2-Chlorophenol
Concen: 43.166 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



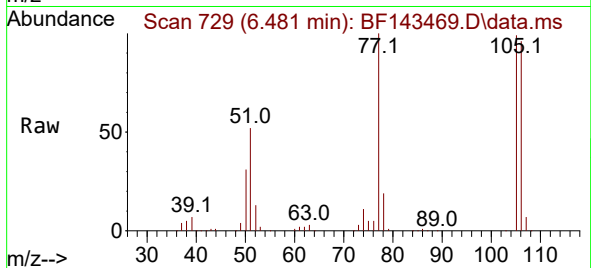
Tgt Ion:128 Resp: 391482
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 50.5 33.1 73.1





#9
Benzaldehyde
Concen: 36.512 ng
RT: 6.481 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

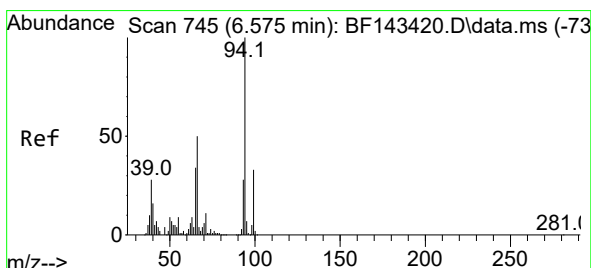
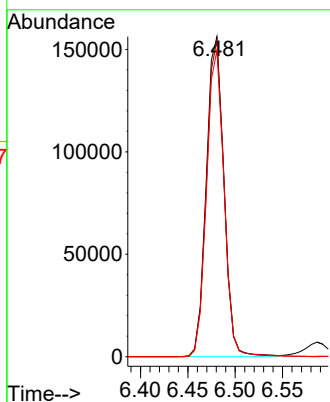
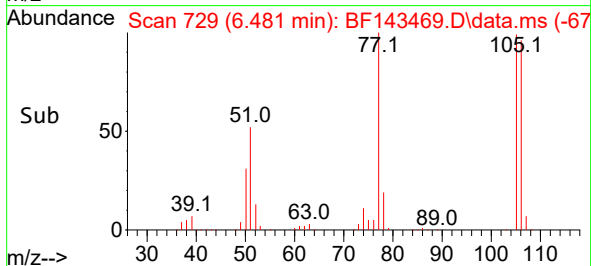
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ClientSampleId :
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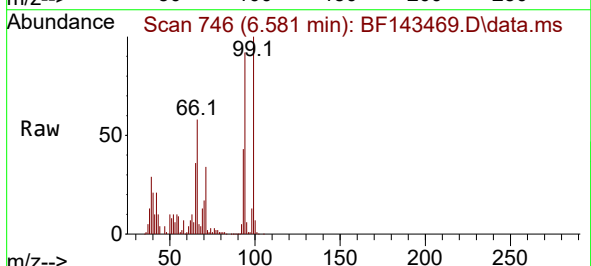
Tgt Ion: 77 Resp: 20108
Ion Ratio Lower Upper
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106 95.7 72.0 112.0

Manual Integrations
APPROVED

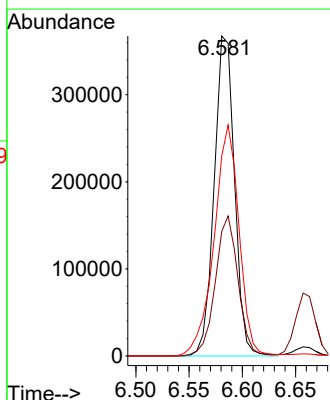
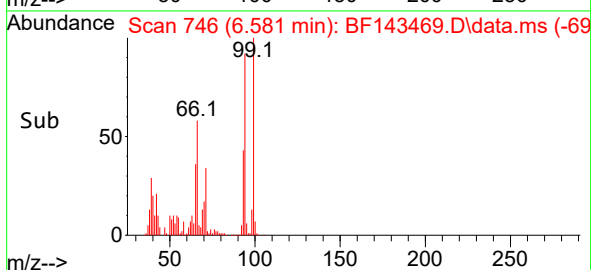
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

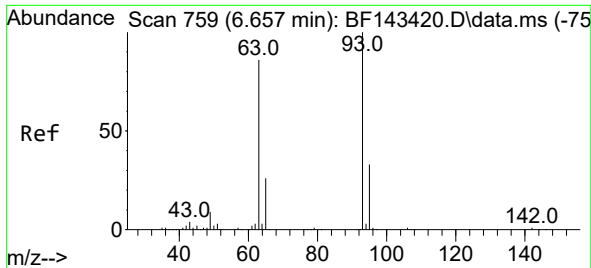


#10
Phenol
Concen: 40.365 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion: 94 Resp: 487633
Ion Ratio Lower Upper
94 100
65 38.9 13.7 53.7
66 62.5 30.3 70.3





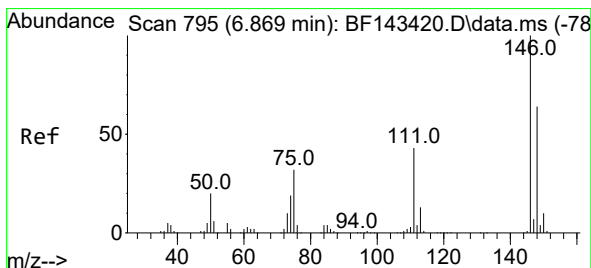
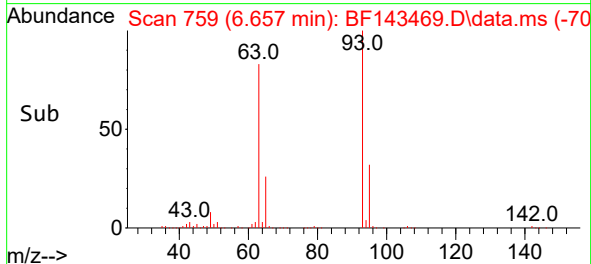
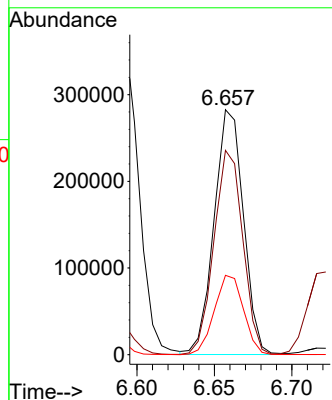
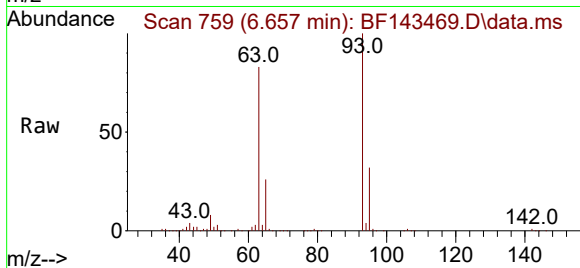
#11
bis(2-Chloroethyl)ether
Concen: 41.606 ng
RT: 6.657 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :
BNA_F
ClientSampleId :
PB169312BS

Tgt Ion: 93 Resp: 37256
Ion Ratio Lower Upper
93 100
63 83.4 65.4 105.4
95 32.4 12.8 52.8

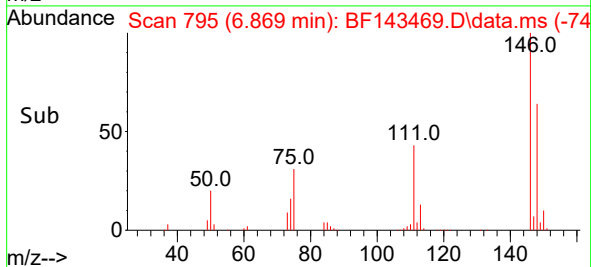
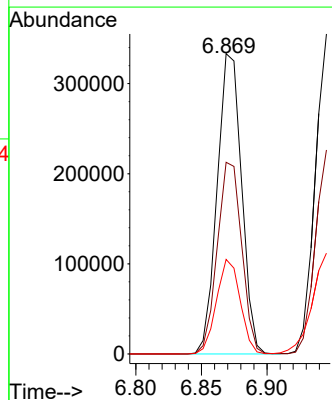
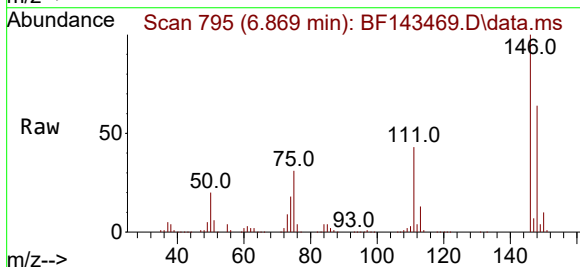
Manual Integrations
APPROVED

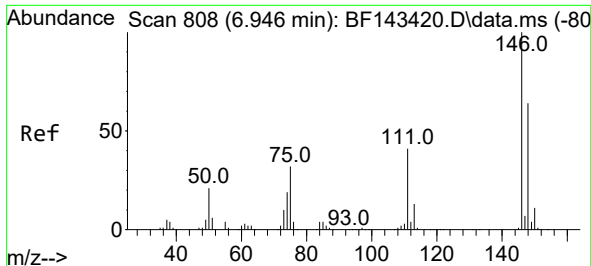
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#12
1,3-Dichlorobenzene
Concen: 42.455 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

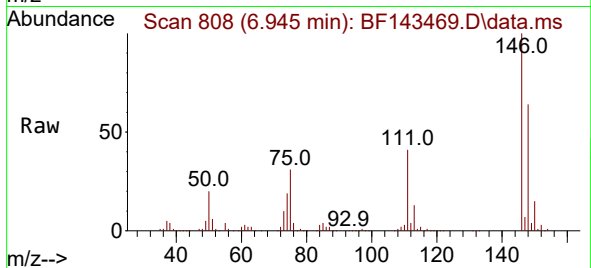
Tgt Ion:146 Resp: 431312
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.5 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 42.781 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

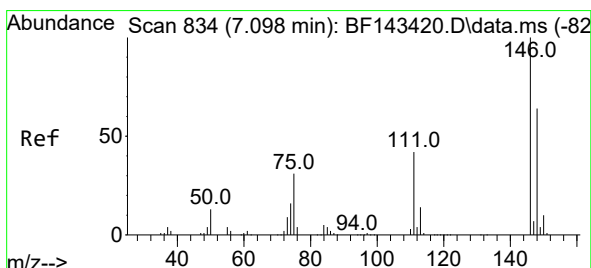
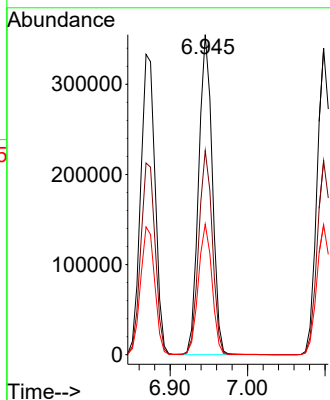
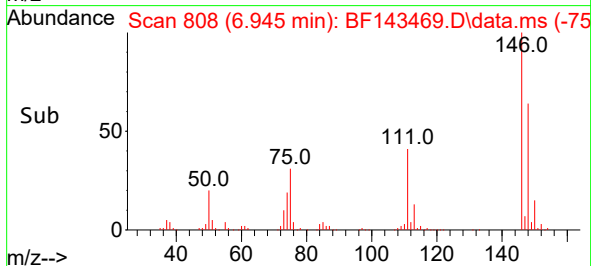
Instrument :
BNA_F
ClientSampleId :
PB169312BS



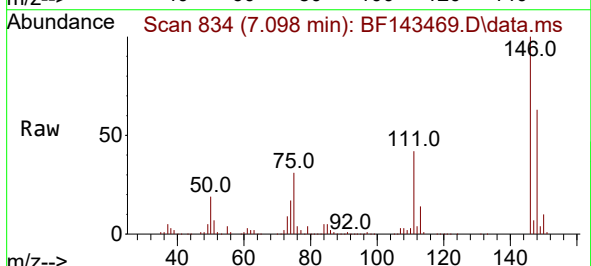
Tgt Ion:146 Resp: 433909
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 40.8 32.5 48.7

Manual Integrations
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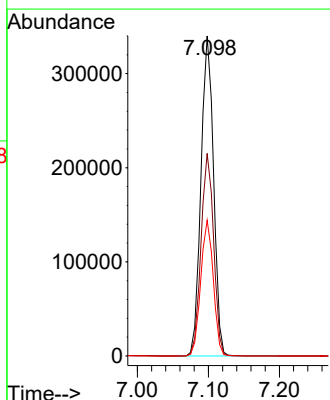
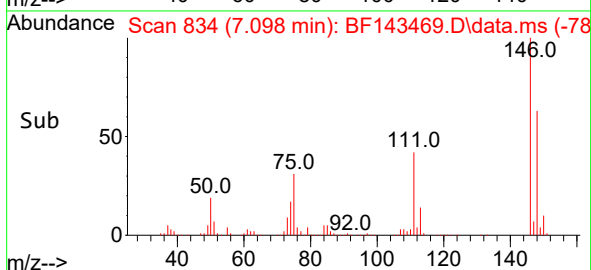
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

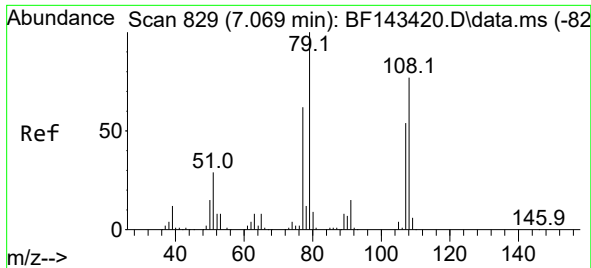


#14
1,2-Dichlorobenzene
Concen: 43.416 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



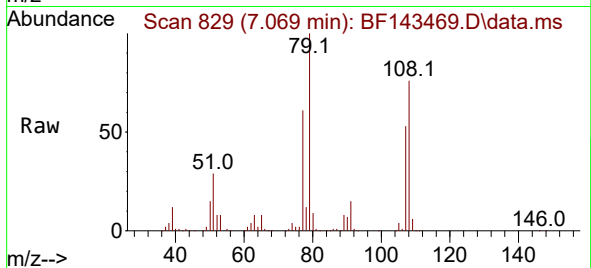
Tgt Ion:146 Resp: 420591
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 42.4 33.9 50.9





#15
Benzyl Alcohol
Concen: 46.275 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

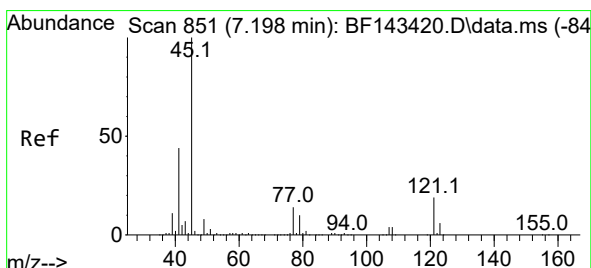
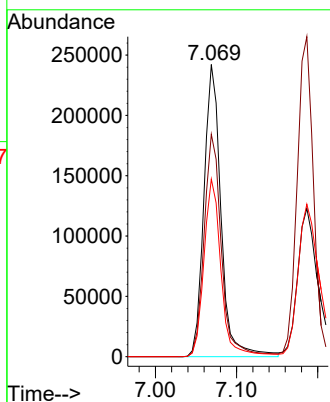
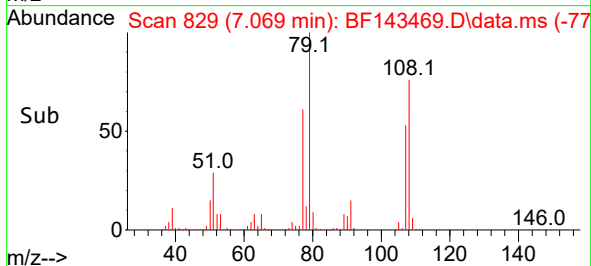
Instrument :
BNA_F
ClientSampleId :
PB169312BS



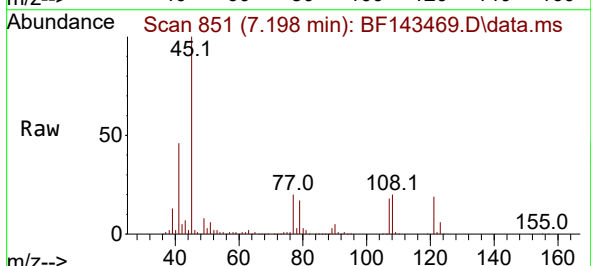
Tgt Ion: 79 Resp: 353284
Ion Ratio Lower Upper
79 100
108 76.1 61.9 92.9
77 60.8 49.2 73.8

Manual Integrations
APPROVED

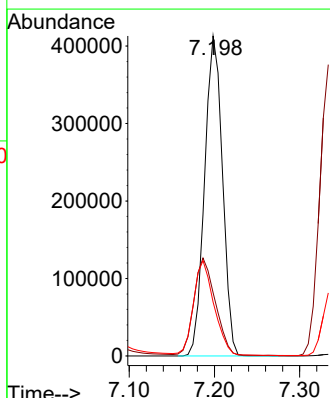
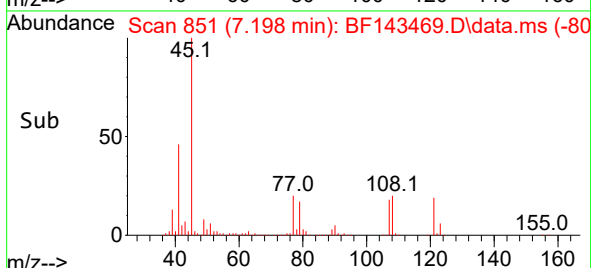
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

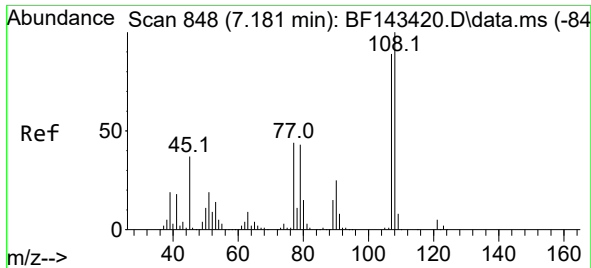


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.313 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



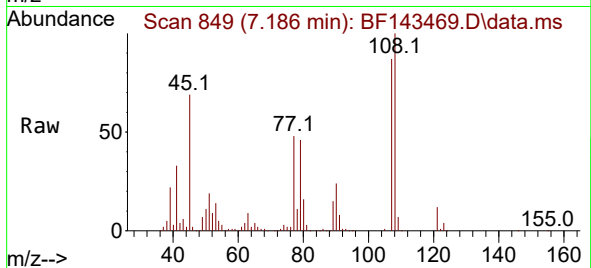
Tgt Ion: 45 Resp: 601829
Ion Ratio Lower Upper
45 100
77 19.8 0.0 33.9
79 16.9 0.0 30.7





#17
2-Methylphenol
Concen: 43.568 ng
RT: 7.186 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

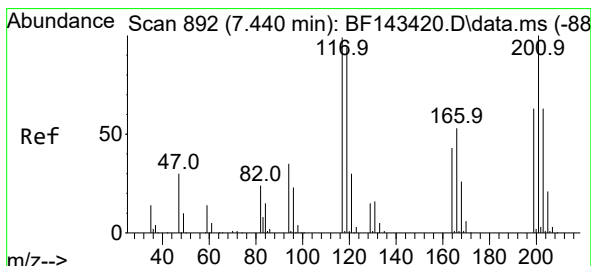
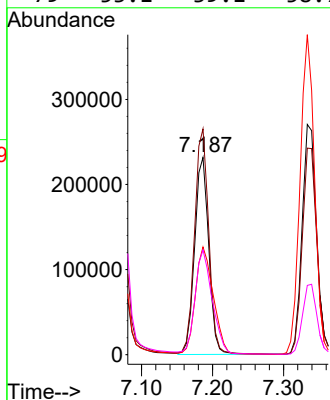
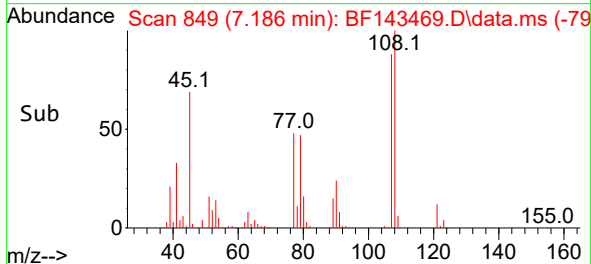
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:107 Resp: 32238
Ion Ratio Lower Upper
107 100
108 114.4 90.1 135.1
77 54.5 39.9 59.9
79 53.1 39.1 58.7

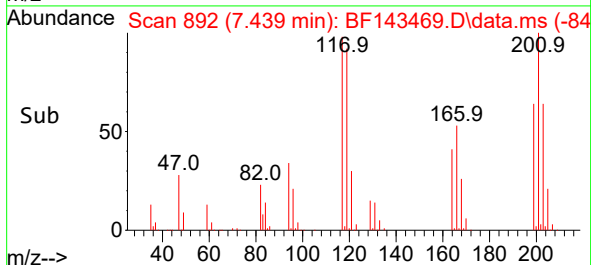
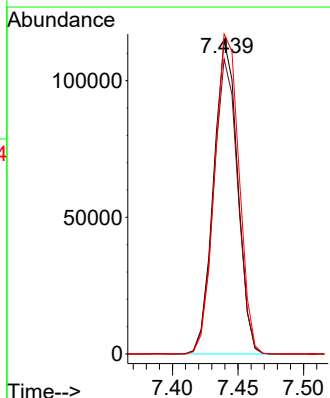
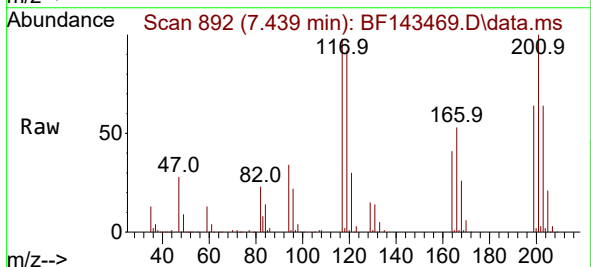
Manual Integrations
APPROVED

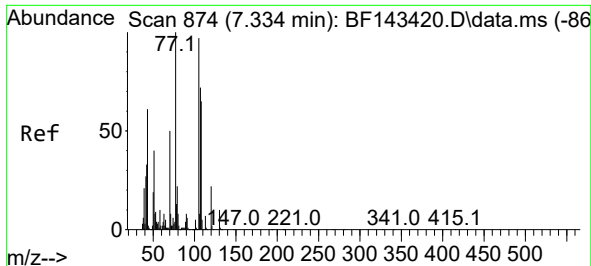
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Hexachloroethane
Concen: 42.159 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

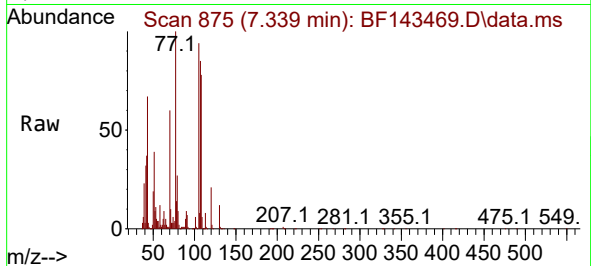
Tgt Ion:117 Resp: 145547
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8
201 102.0 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.745 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

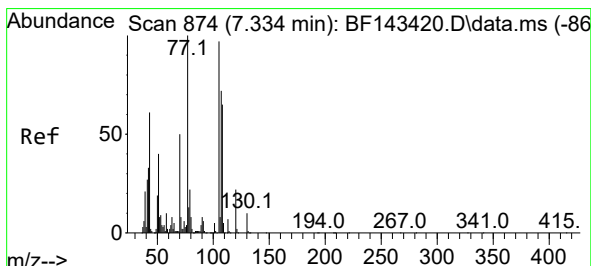
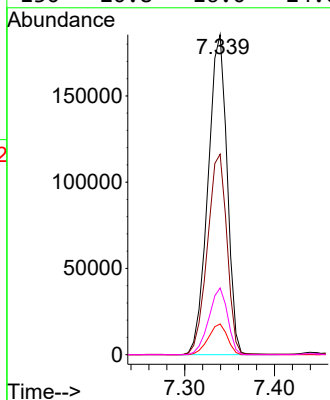
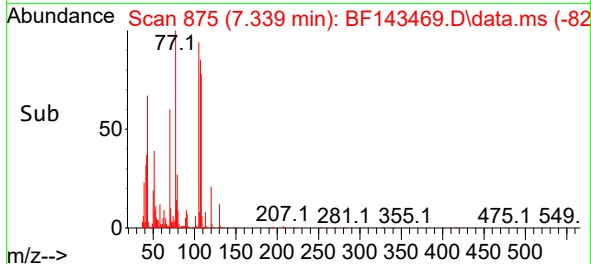
Instrument :
BNA_F
ClientSampleId :
PB169312BS



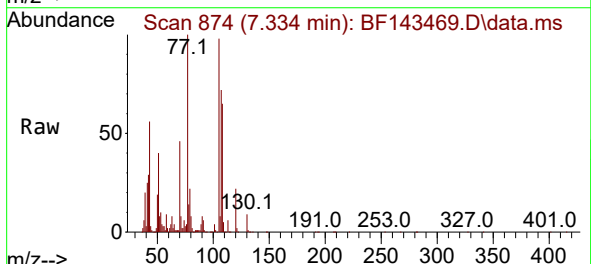
Tgt Ion: 70 Resp: 273950
Ion Ratio Lower Upper
70 100
42 62.6 52.5 78.7
101 9.6 7.9 11.9
130 20.8 16.0 24.0

Manual Integrations
APPROVED

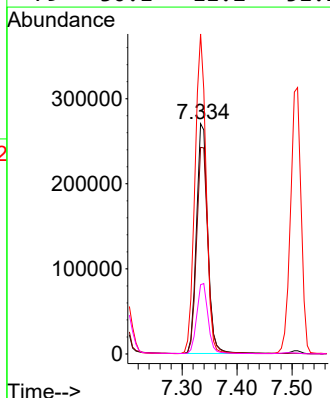
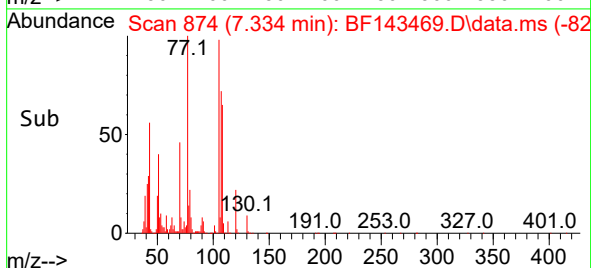
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

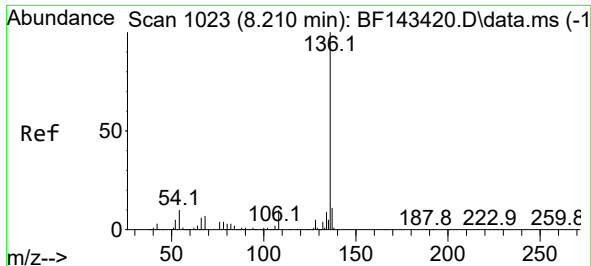


#20
3+4-Methylphenols
Concen: 43.419 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:107 Resp: 384072
Ion Ratio Lower Upper
107 100
108 89.7 70.8 110.8
77 139.0 119.1 159.1
79 30.1 11.2 51.2





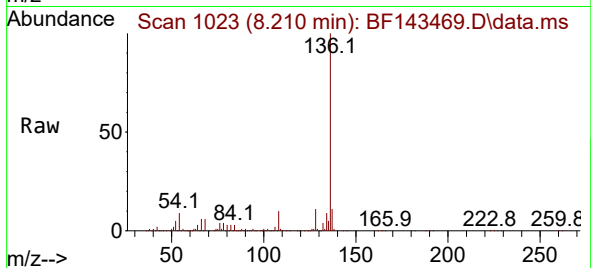
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



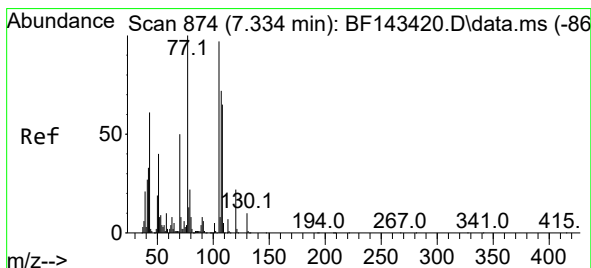
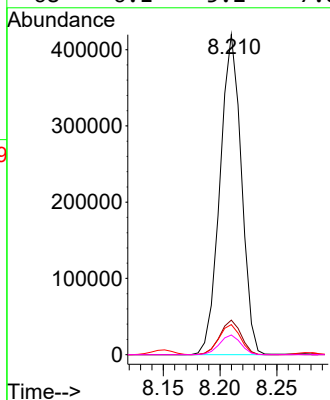
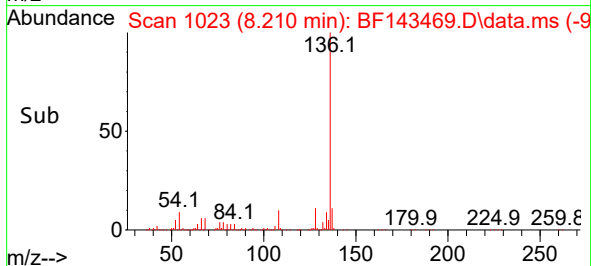
Tgt Ion:136 Resp: 549930
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.4 7.8 11.8
68 6.1 5.2 7.8

Manual Integrations

APPROVED

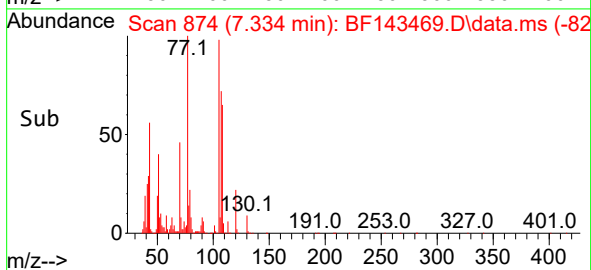
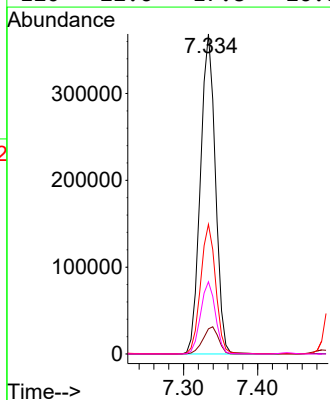
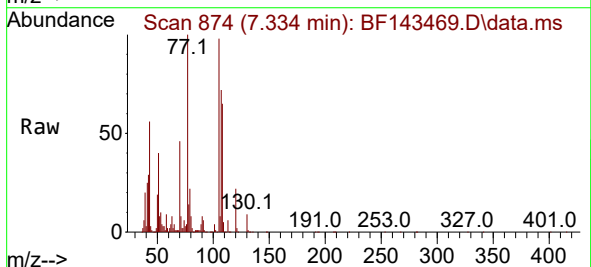
Reviewed By :Rahul Chavli 08/20/2025

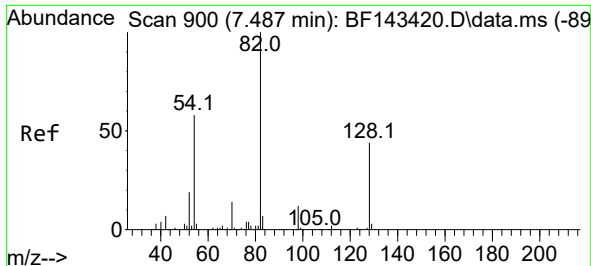
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Acetophenone
Concen: 43.783 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion:105 Resp: 517687
Ion Ratio Lower Upper
105 100
71 7.9 7.0 10.4
51 40.5 32.7 49.1
120 22.6 17.8 26.8





#23

Nitrobenzene-d5

Concen: 89.657 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS

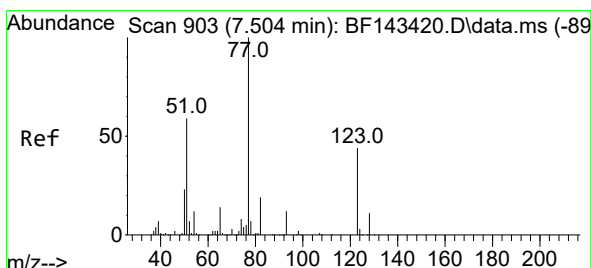
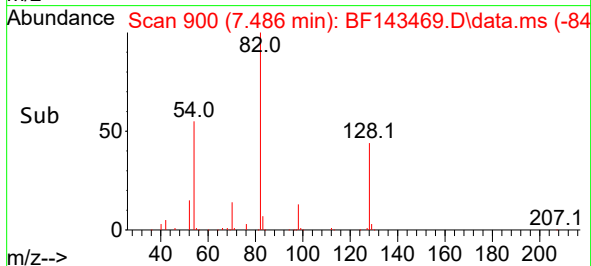
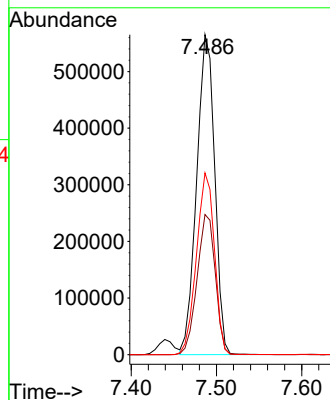
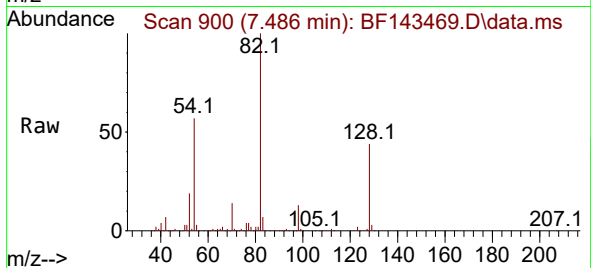
Tgt Ion:	82	Resp:	83090
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.6	52.0
54	56.8	46.0	69.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#24

Nitrobenzene

Concen: 43.170 ng

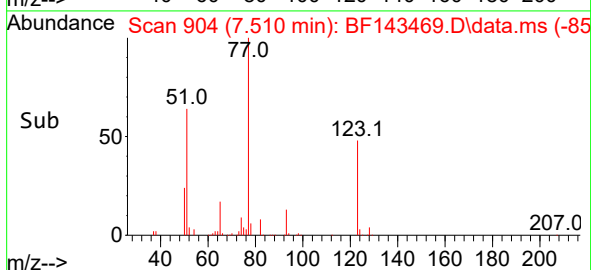
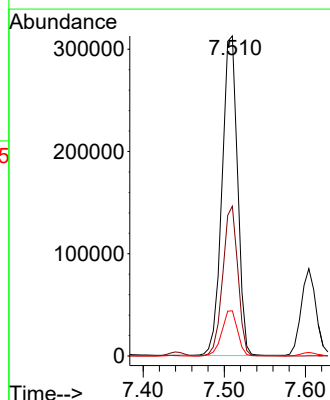
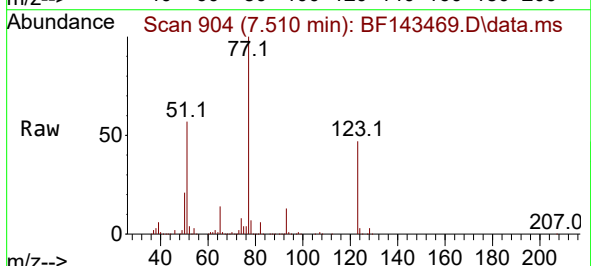
RT: 7.510 min Scan# 904

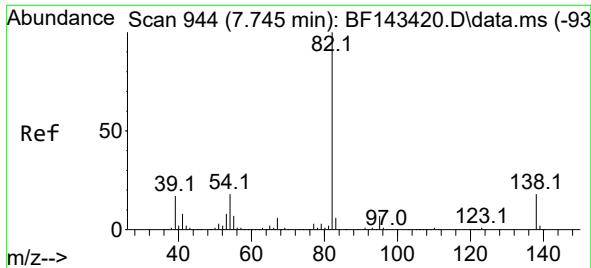
Delta R.T. 0.006 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

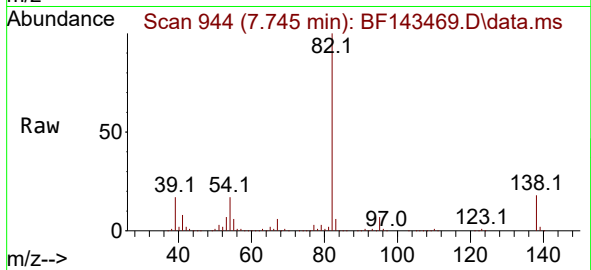
Tgt Ion:	77	Resp:	418146
Ion Ratio	Lower	Upper	
77	100		
123	46.8	35.4	53.0
65	14.1	11.2	16.8





#25
Isophorone
Concen: 43.699 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

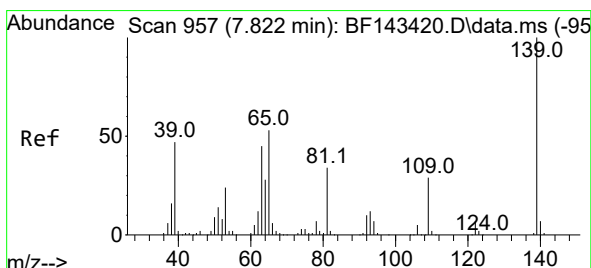
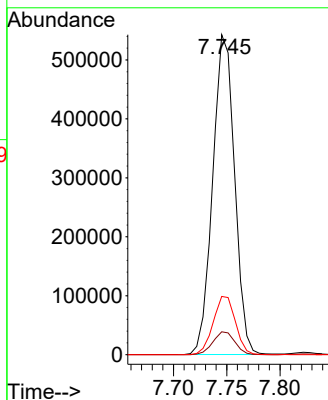
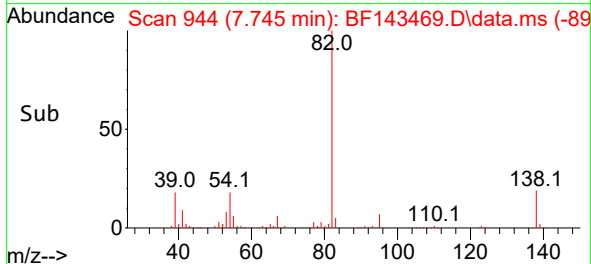
Instrument :
BNA_F
ClientSampleId :
PB169312BS



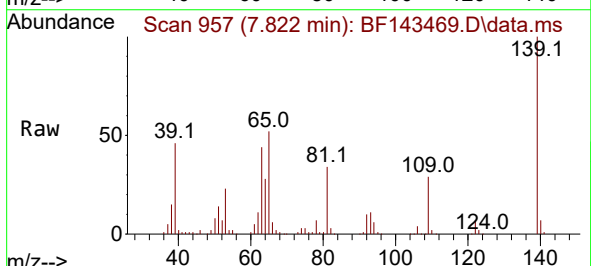
Tgt Ion: 82 Resp: 77511
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 14.3 21.5

Manual Integrations
APPROVED

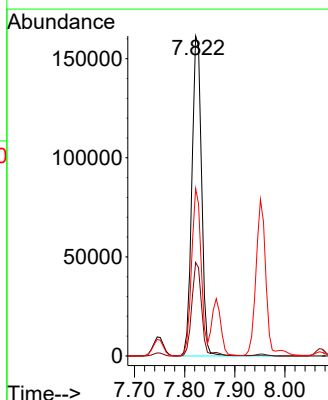
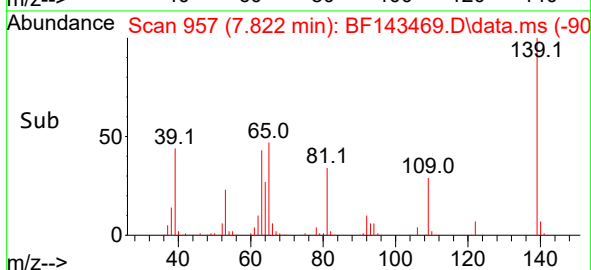
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

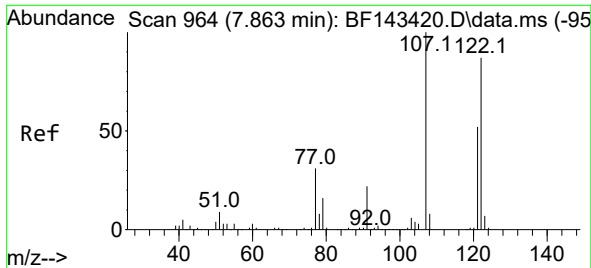


#26
2-Nitrophenol
Concen: 48.376 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:139 Resp: 217221
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.4
65 52.4 42.5 63.7





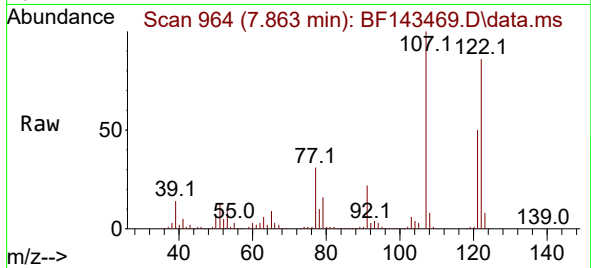
#27
2,4-Dimethylphenol
Concen: 46.356 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

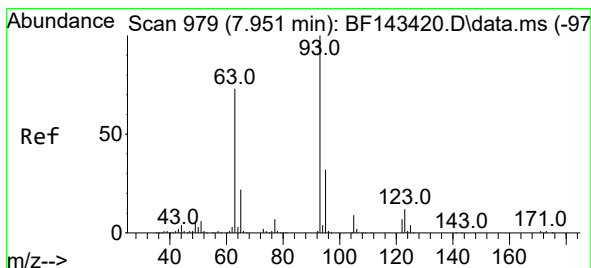
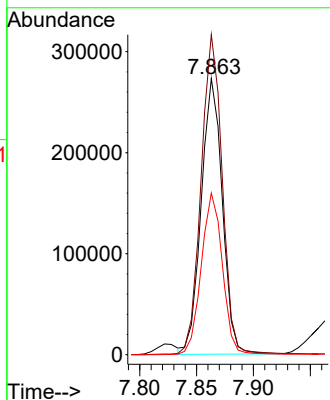
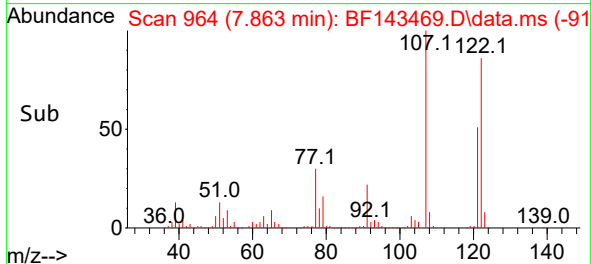
PB169312BS



Tgt Ion:122 Resp: 351934
Ion Ratio Lower Upper
122 100
107 115.9 90.4 135.6
121 58.5 46.7 70.1

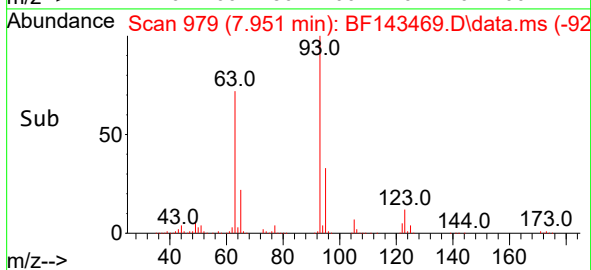
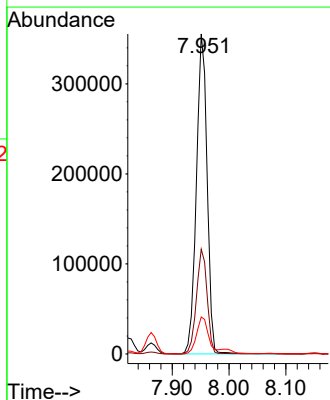
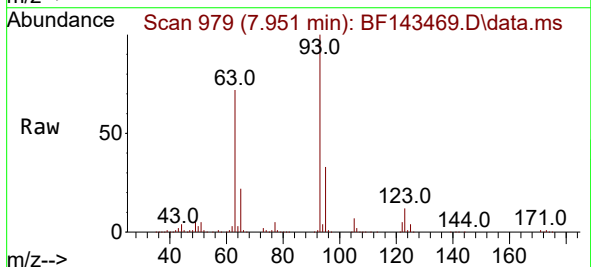
Manual Integrations
APPROVED

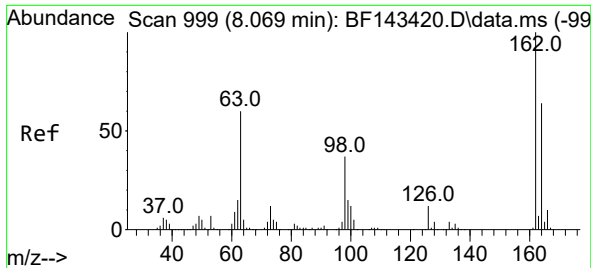
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.929 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion: 93 Resp: 468027
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.588 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143469.D

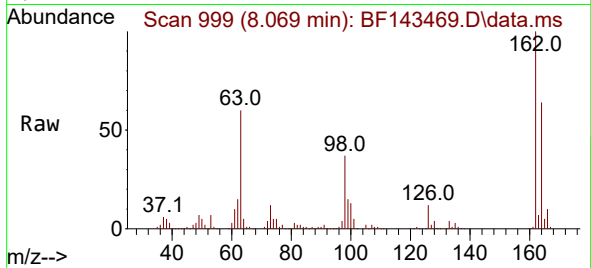
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



Tgt Ion:162 Resp: 345078

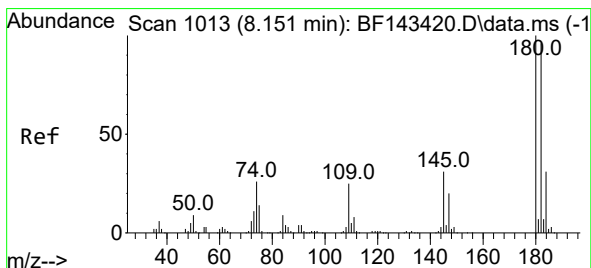
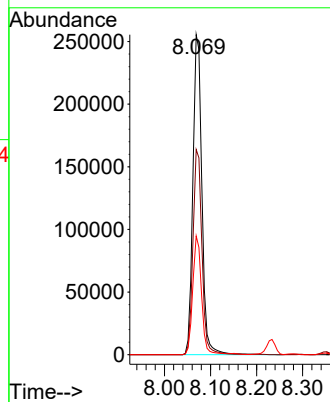
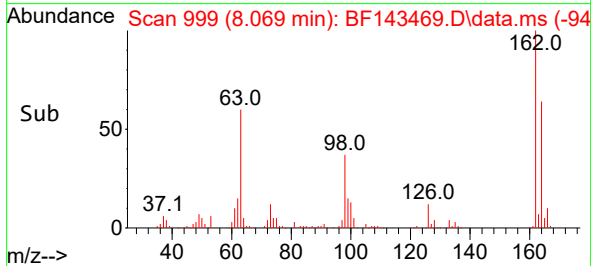
Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	37.1	16.9	56.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/20/2025



#30

1,2,4-Trichlorobenzene

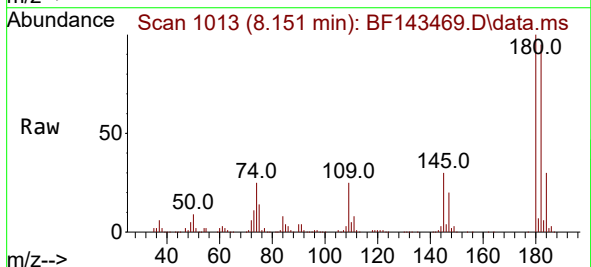
Concen: 45.413 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

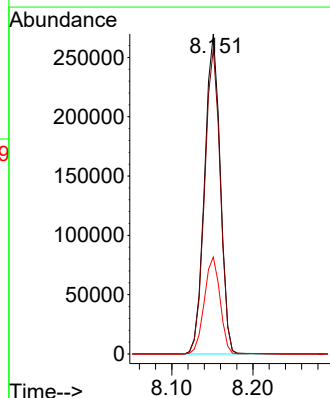
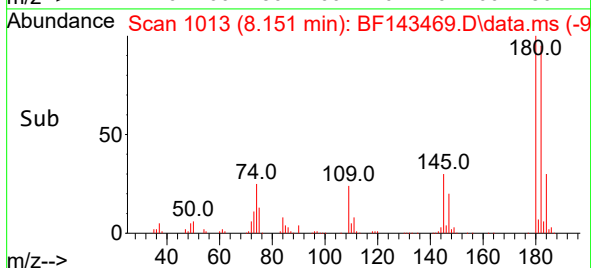
Lab File: BF143469.D

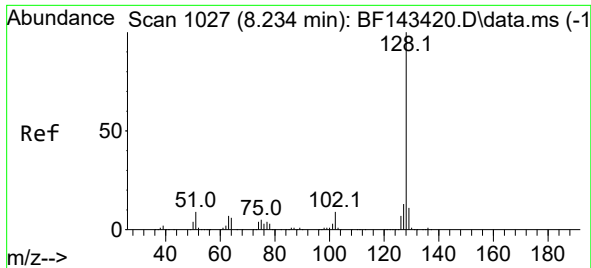
Acq: 19 Aug 2025 22:19



Tgt Ion:180 Resp: 360115

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
145	30.3	24.5	36.7





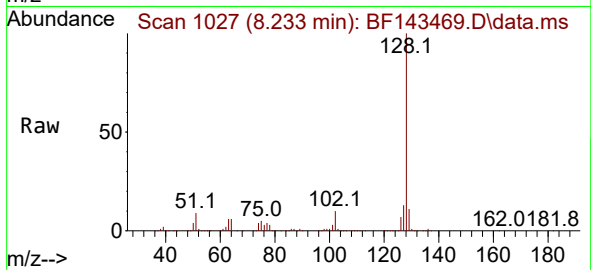
#31
Naphthalene
Concen: 42.194 ng
RT: 8.233 min Scan# 110
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



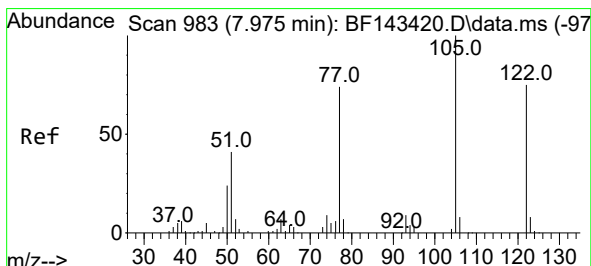
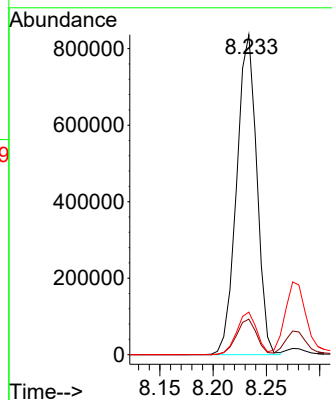
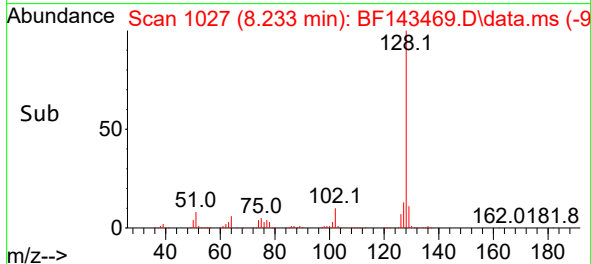
Tgt Ion:128 Resp: 1101600
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0

Manual Integrations

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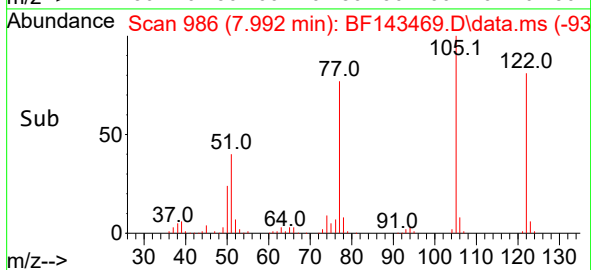
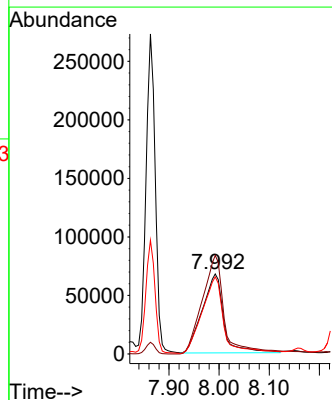
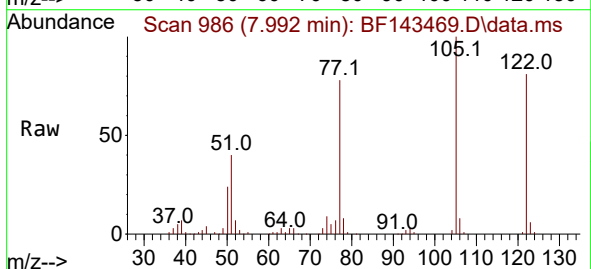
Reviewed By :Rahul Chavli 08/20/2025

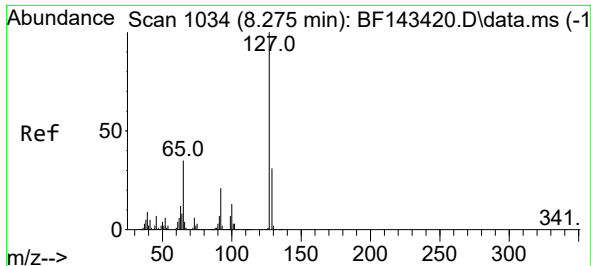
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzoic acid
Concen: 50.904 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion:122 Resp: 200990
Ion Ratio Lower Upper
122 100
105 123.2 108.4 148.4
77 96.4 75.9 115.9





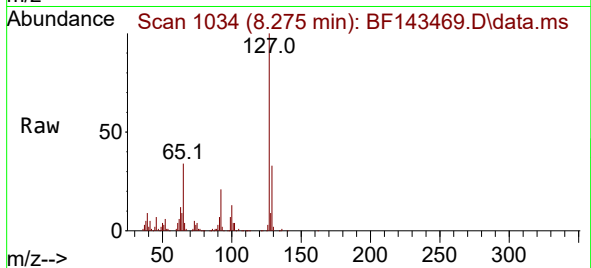
#33
4-Chloroaniline
Concen: 29.929 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



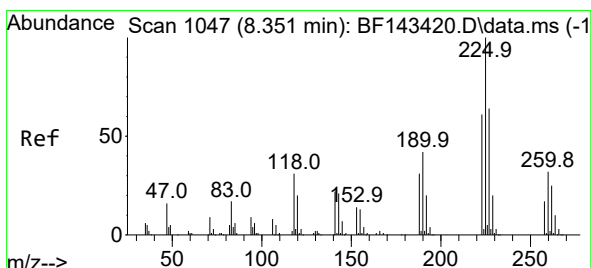
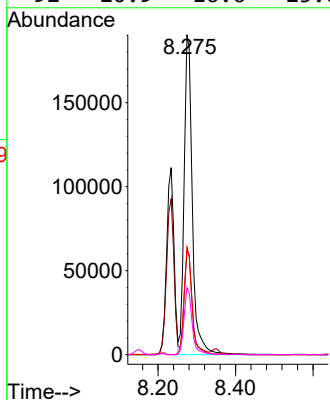
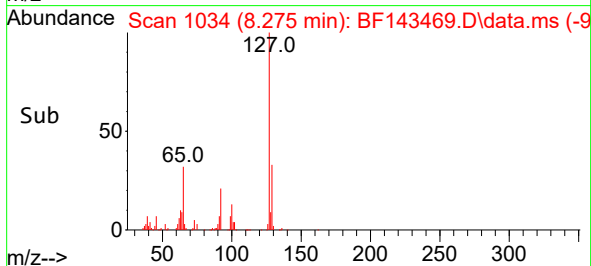
Tgt Ion:127 Resp: 28205
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 33.6 27.2 40.8
92 20.9 16.6 25.0

Manual Integrations

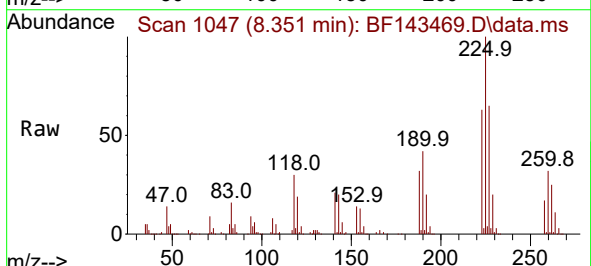
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

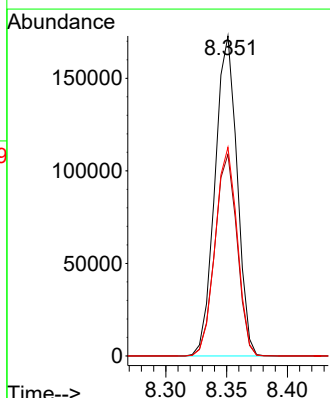
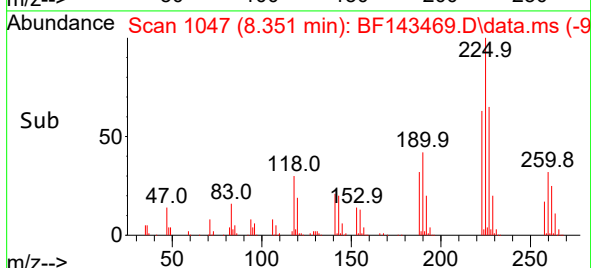
Supervised By :Jagrut Upadhyay 08/20/2025

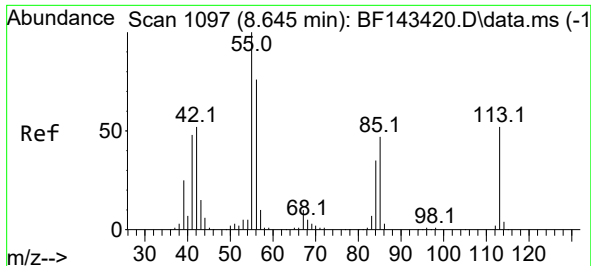


#34
Hexachlorobutadiene
Concen: 43.263 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



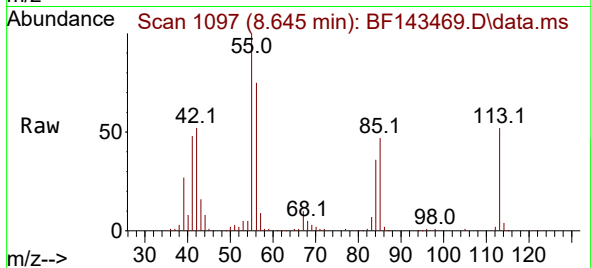
Tgt Ion:225 Resp: 218766
Ion Ratio Lower Upper
225 100
223 63.0 49.0 73.6
227 65.2 51.1 76.7





#35
Caprolactam
Concen: 48.355 ng m
RT: 8.645 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

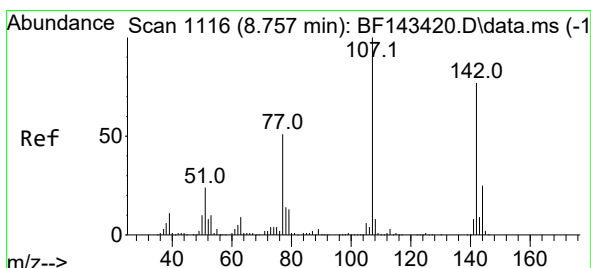
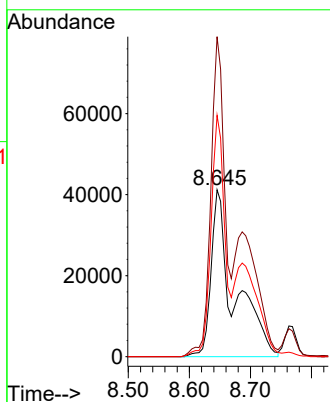
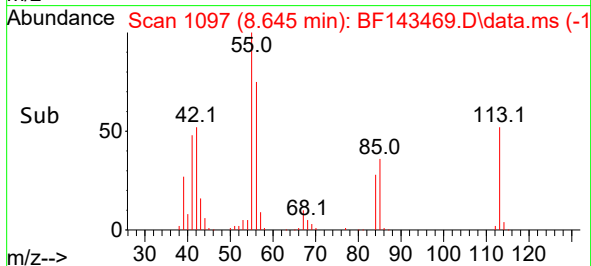
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:113 Resp: 107744
Ion Ratio Lower Upper
113 100
55 191.7 174.7 214.7
56 144.6 127.0 167.0

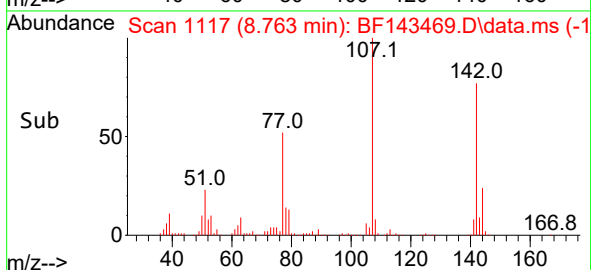
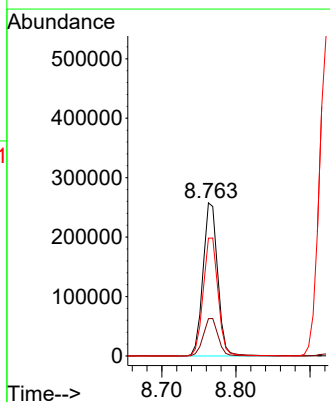
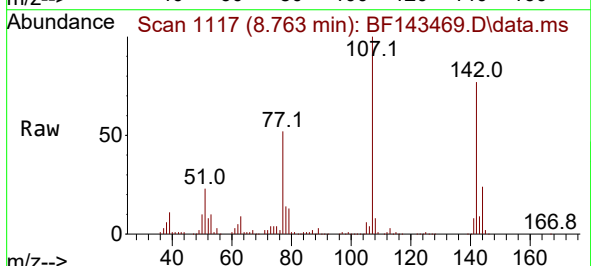
Manual Integrations
APPROVED

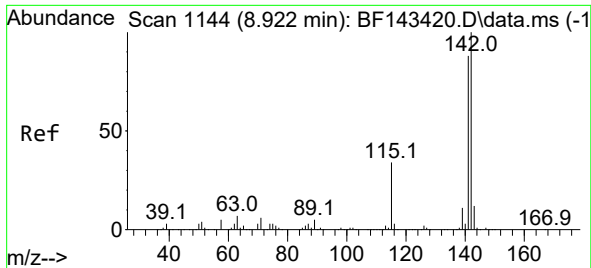
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#36
4-Chloro-3-methylphenol
Concen: 44.746 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

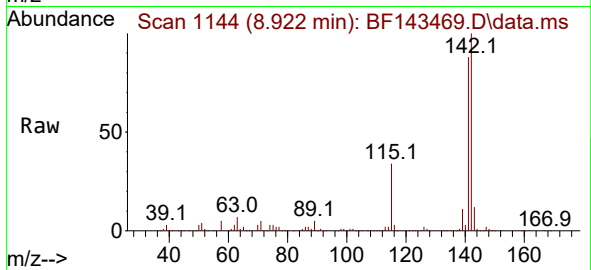
Tgt Ion:107 Resp: 356658
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 76.9 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.056 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

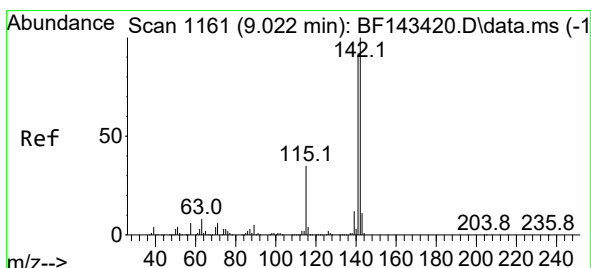
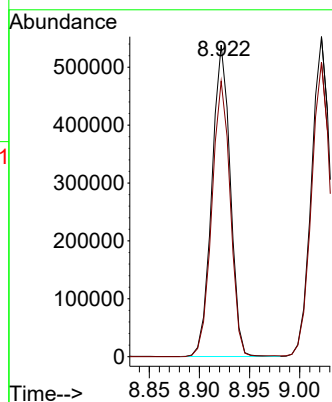
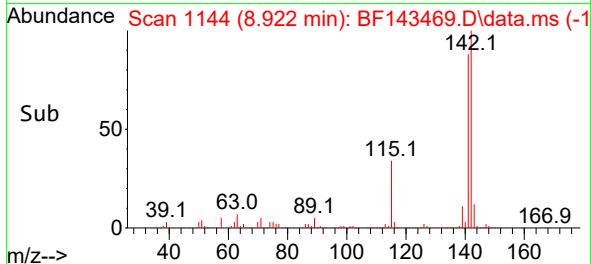
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:142 Resp: 68731
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

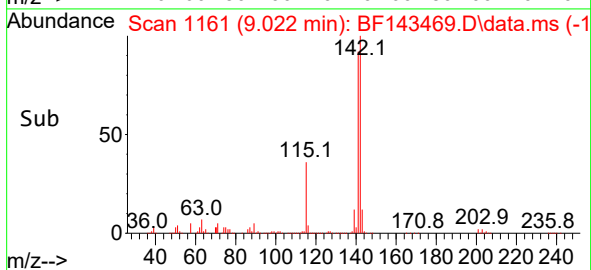
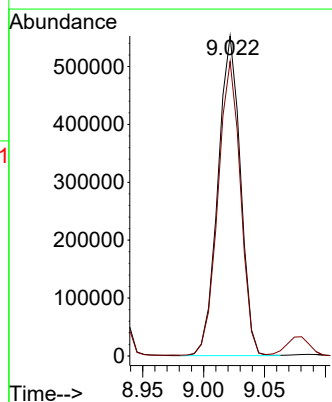
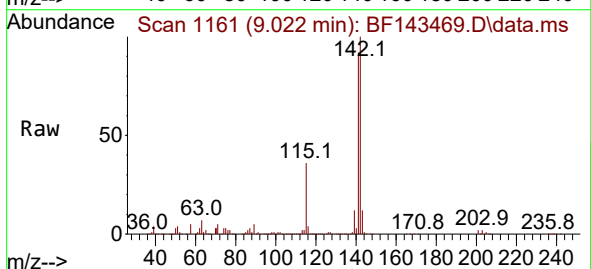
Manual Integrations
APPROVED

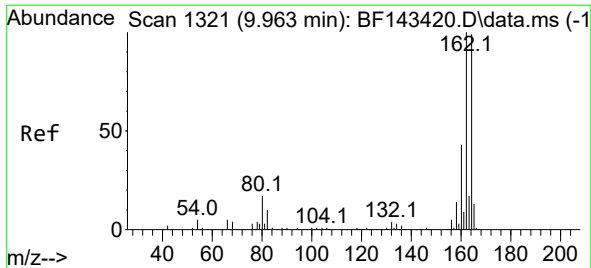
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#38
1-Methylnaphthalene
Concen: 42.081 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

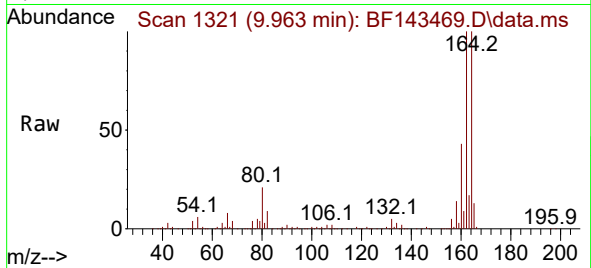
Tgt Ion:142 Resp: 709532
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

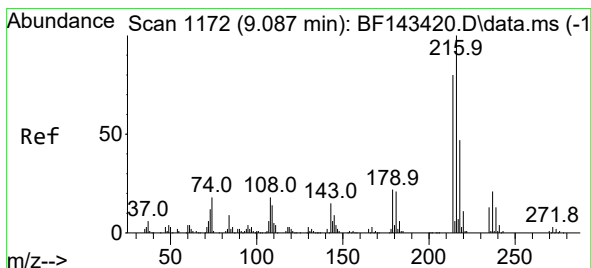
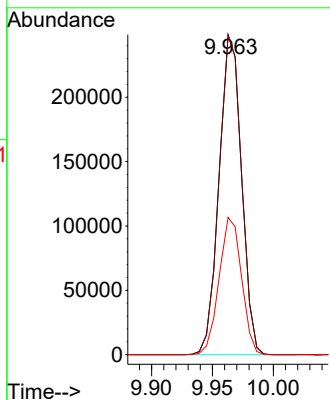
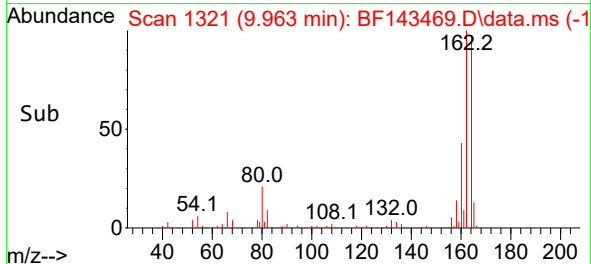
Instrument :
BNA_F
ClientSampleId :
PB169312BS



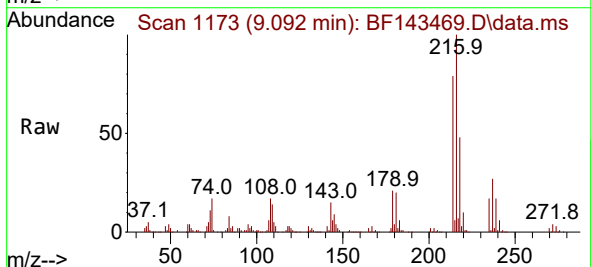
Tgt Ion:164 Resp: 318238
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 43.0 34.6 51.8

Manual Integrations
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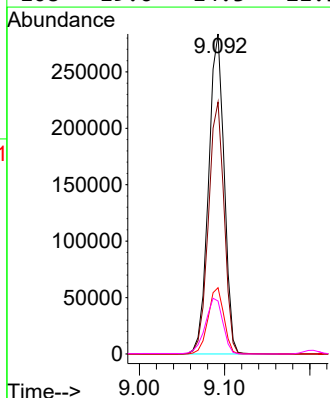
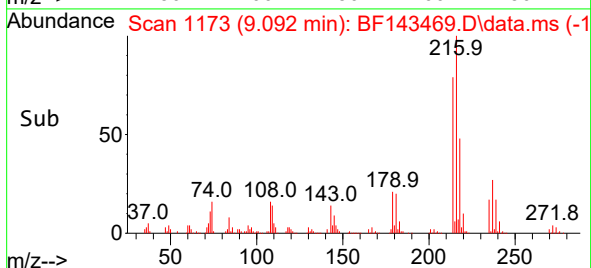
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

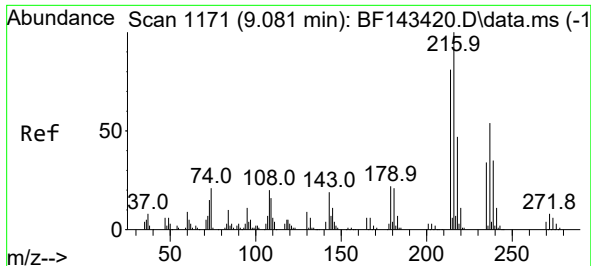


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.748 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:216 Resp: 361646
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.9 17.0 25.4
108 19.6 14.3 21.5





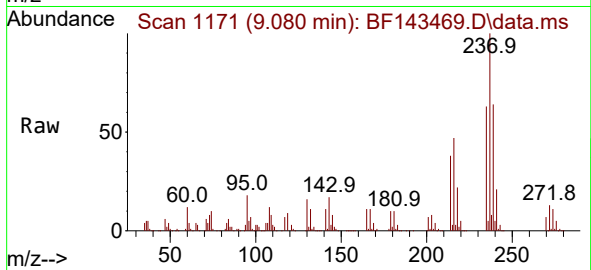
#41
Hexachlorocyclopentadiene
Concen: 114.404 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



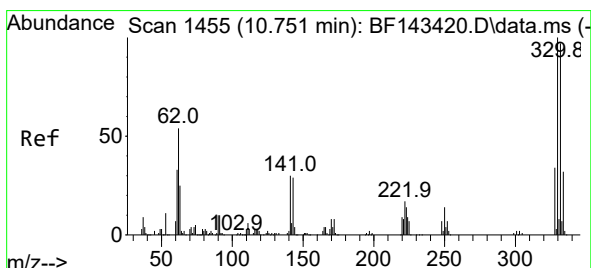
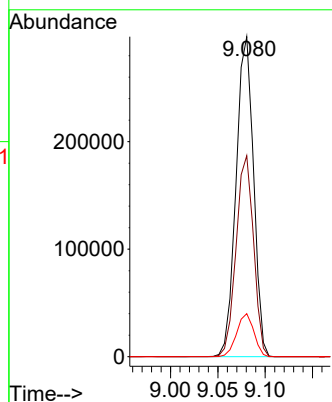
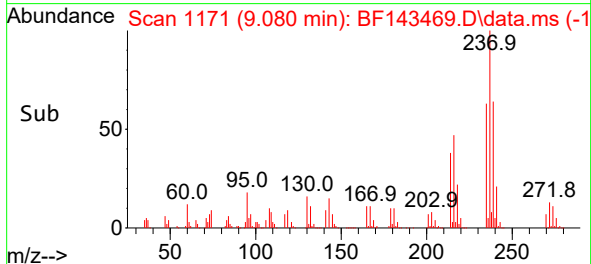
Tgt Ion:237 Resp: 380308
Ion Ratio Lower Upper
237 100
235 62.8 41.6 81.6
272 13.5 0.0 33.8

Manual Integrations

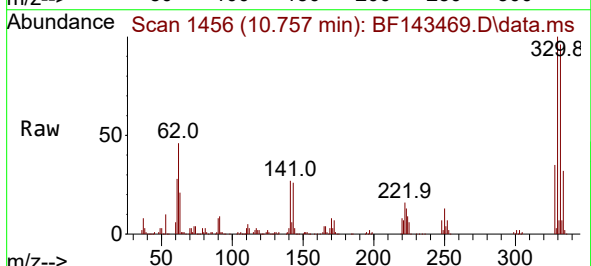
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

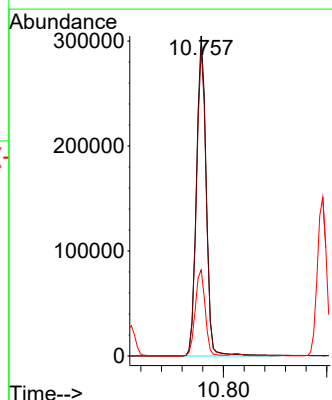
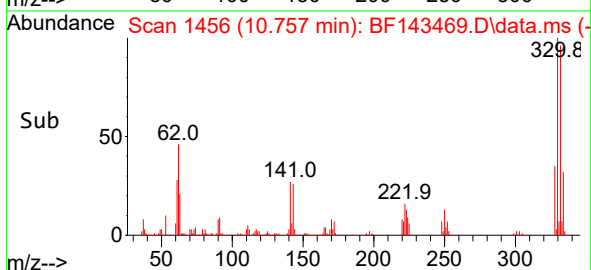
Supervised By :Jagrut Upadhyay 08/20/2025

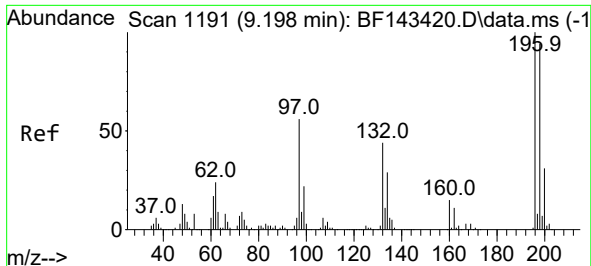


#42
2,4,6-Tribromophenol
Concen: 140.872 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



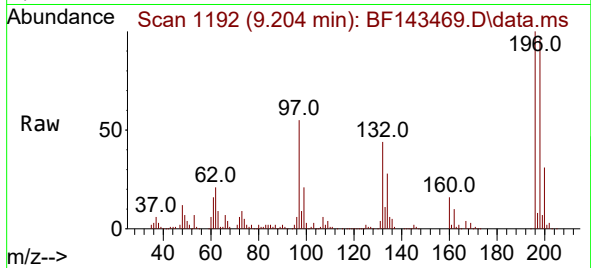
Tgt Ion:330 Resp: 399027
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 27.4 24.1 36.1





#43
2,4,6-Trichlorophenol
Concen: 44.493 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

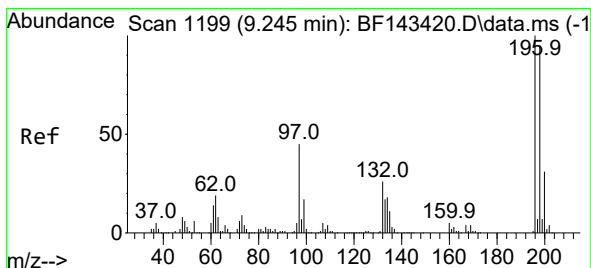
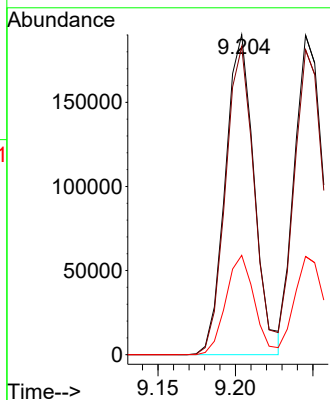
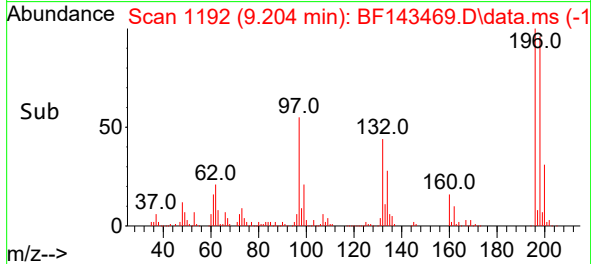
Instrument :
BNA_F
ClientSampleId :
PB169312BS



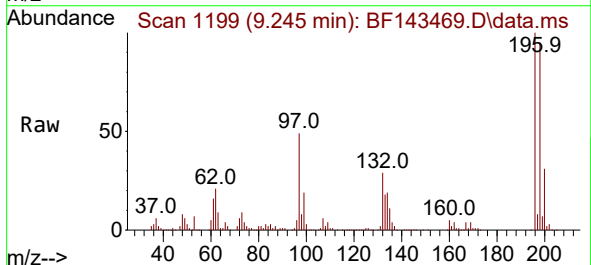
Tgt Ion:196 Resp: 246329
Ion Ratio Lower Upper
196 100
198 96.2 75.4 113.2
200 31.0 24.7 37.1

Manual Integrations
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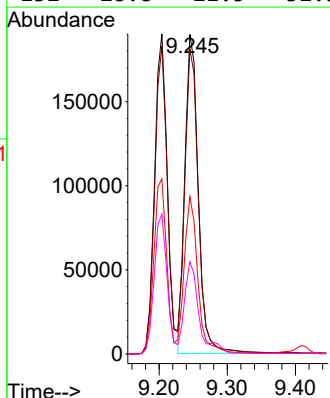
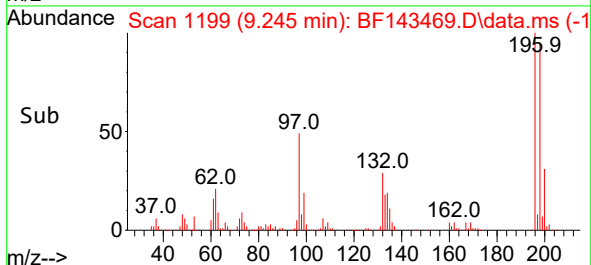
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

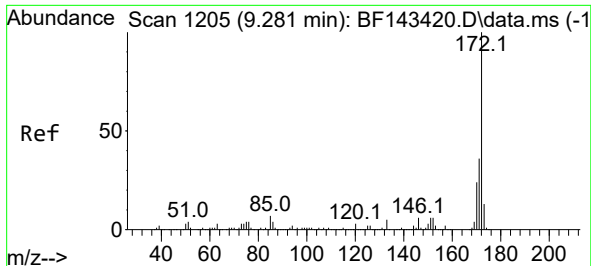


#44
2,4,5-Trichlorophenol
Concen: 43.492 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



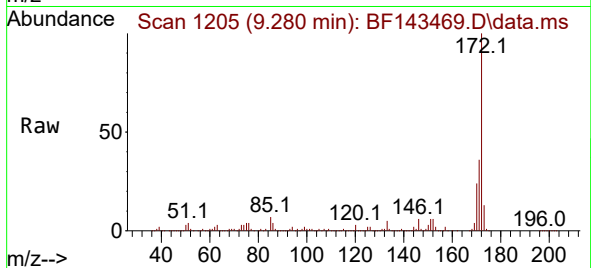
Tgt Ion:196 Resp: 258110
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.4
97 49.3 36.6 55.0
132 28.8 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 82.373 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

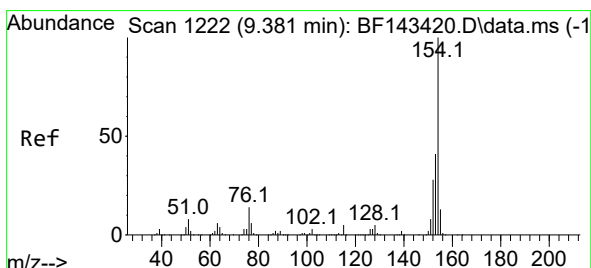
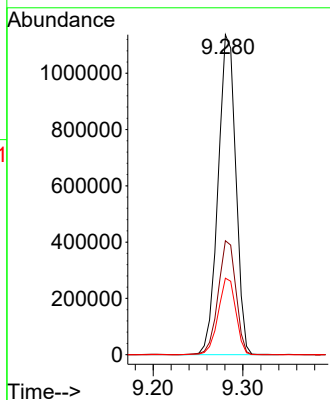
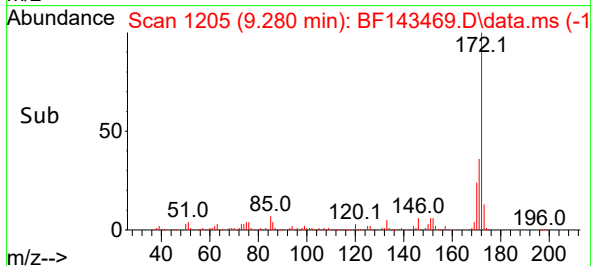
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:172 Resp: 1558529
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.9 19.0 28.6

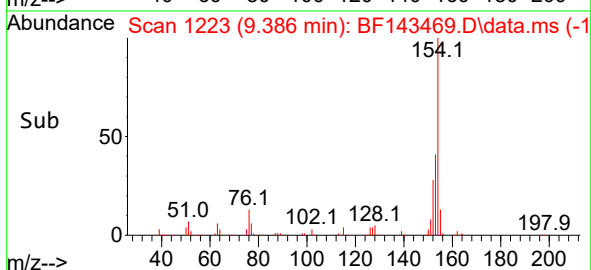
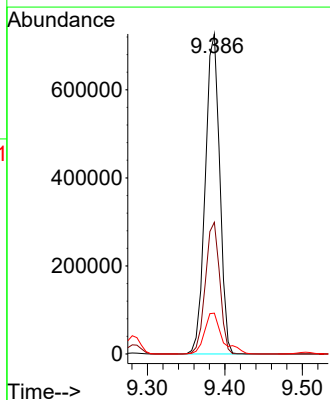
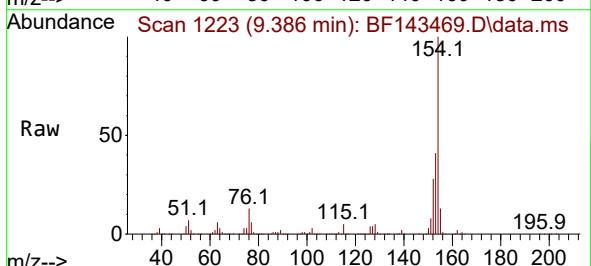
Manual Integrations
APPROVED

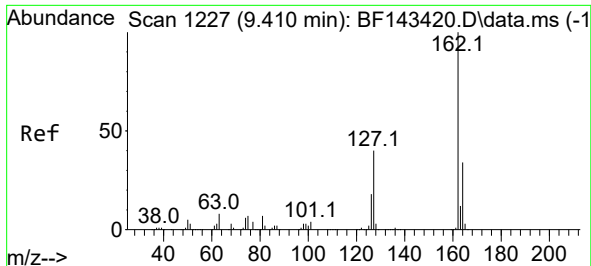
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#46
1,1'-Biphenyl
Concen: 41.963 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion:154 Resp: 938289
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 12.7 0.0 33.8





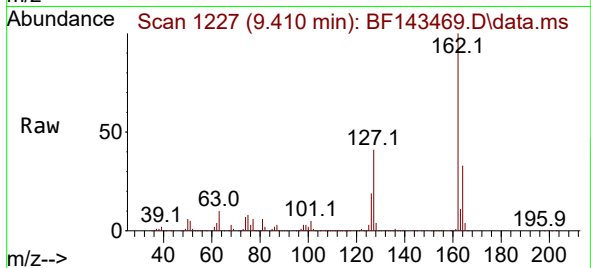
#47
2-Chloronaphthalene
Concen: 41.231 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

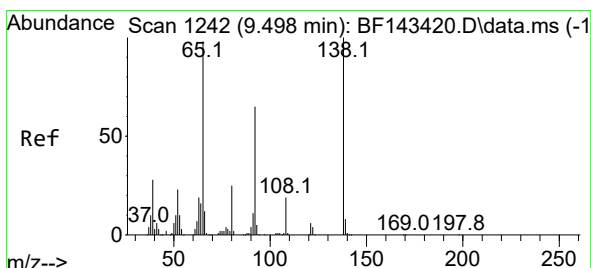
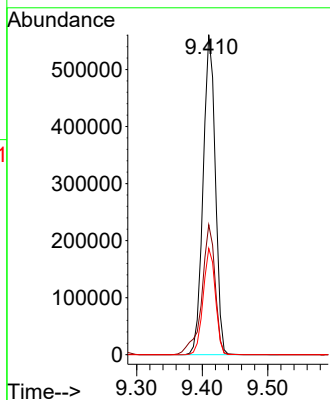
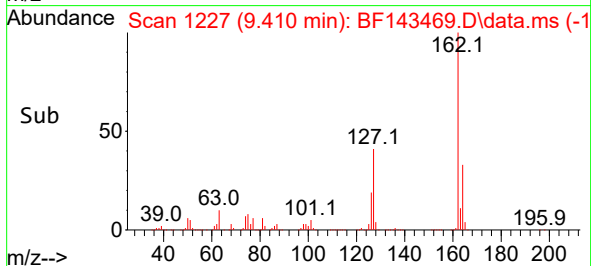
PB169312BS



Tgt Ion:162 Resp: 72772
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.2 26.9 40.3

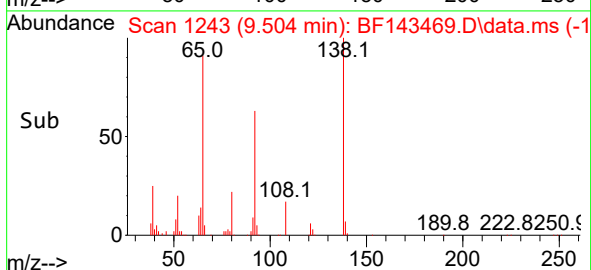
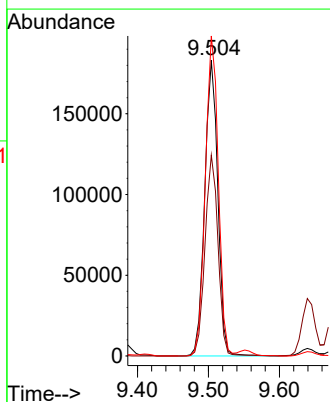
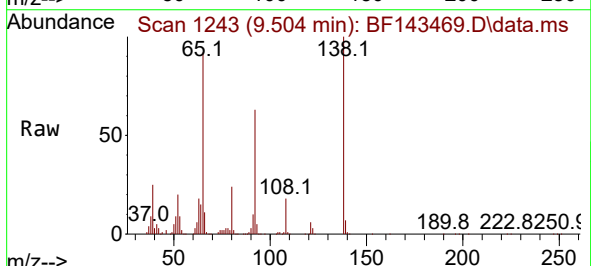
Manual Integrations
APPROVED

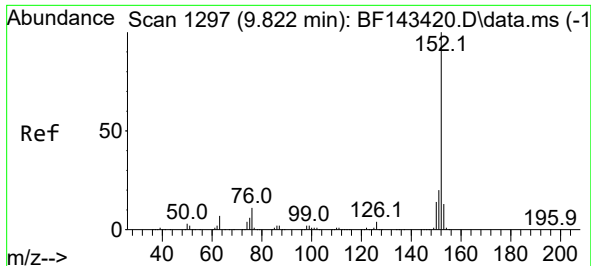
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#48
2-Nitroaniline
Concen: 44.808 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

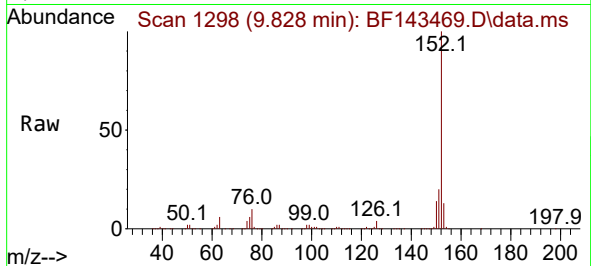
Tgt Ion: 65 Resp: 235352
Ion Ratio Lower Upper
65 100
92 67.9 52.9 79.3
138 108.2 81.3 121.9





#49
Acenaphthylene
Concen: 46.177 ng
RT: 9.828 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

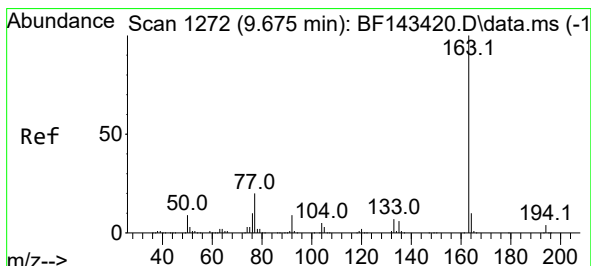
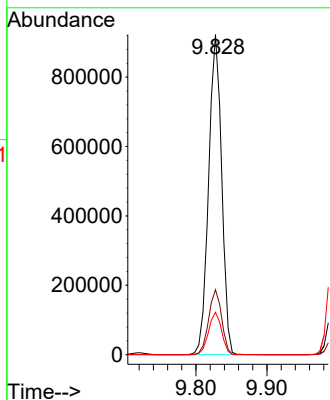
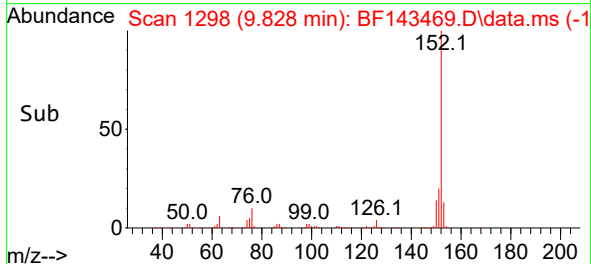
Instrument :
BNA_F
ClientSampleId :
PB169312BS



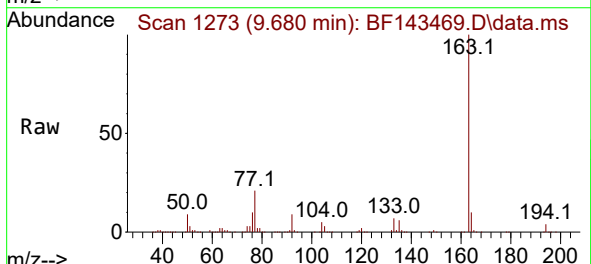
Tgt Ion:152 Resp: 1176740
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.3 10.8 16.2

Manual Integrations
APPROVED

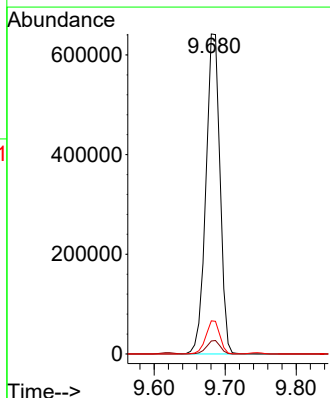
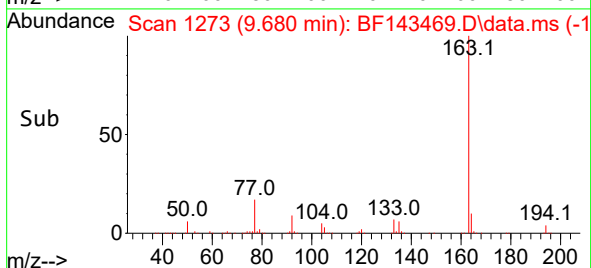
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

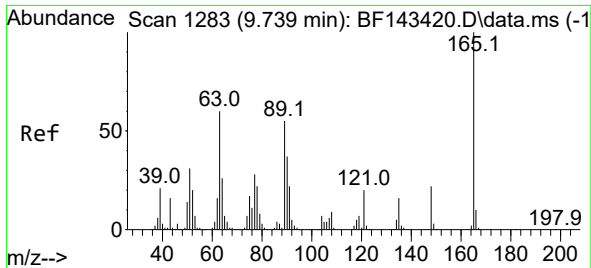


#50
Dimethylphthalate
Concen: 44.713 ng
RT: 9.680 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



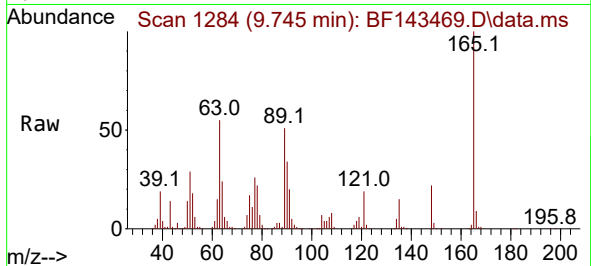
Tgt Ion:163 Resp: 887130
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.930 ng
RT: 9.745 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

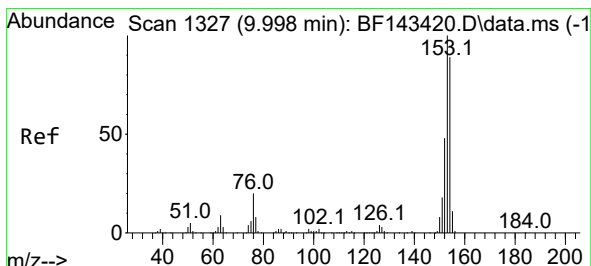
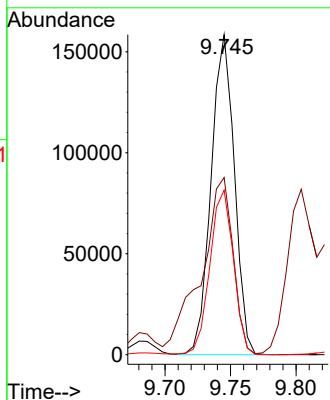
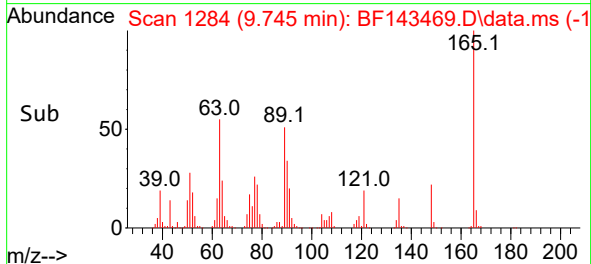
Instrument :
BNA_F
ClientSampleId :
PB169312BS



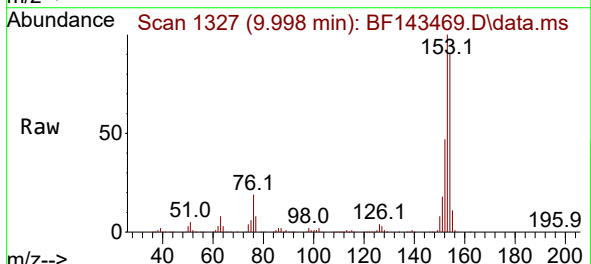
Tgt Ion:165 Resp: 195288
Ion Ratio Lower Upper
165 100
63 55.4 48.2 72.2
89 51.4 44.2 66.2

Manual Integrations
APPROVED

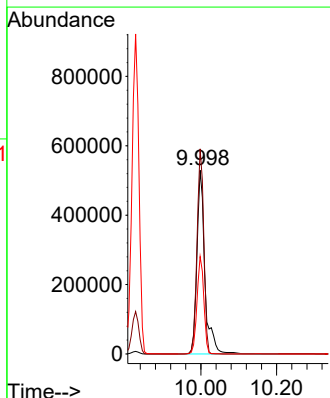
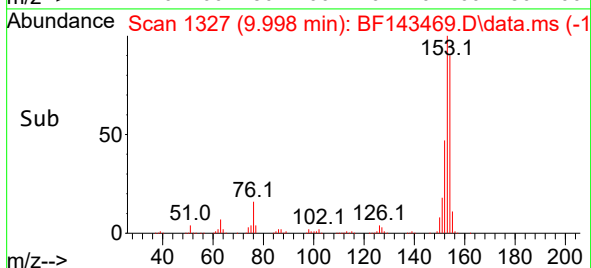
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

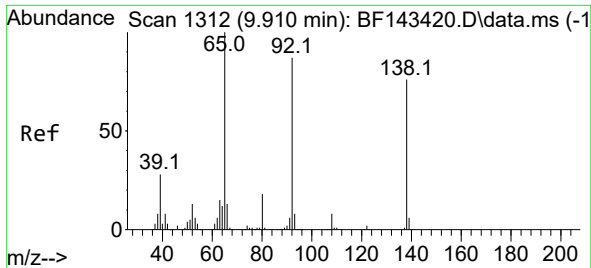


#52
Acenaphthene
Concen: 45.817 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:154 Resp: 785293
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.0 42.6 64.0





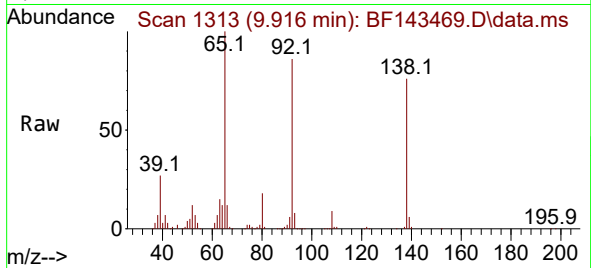
#53
3-Nitroaniline
Concen: 33.882 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



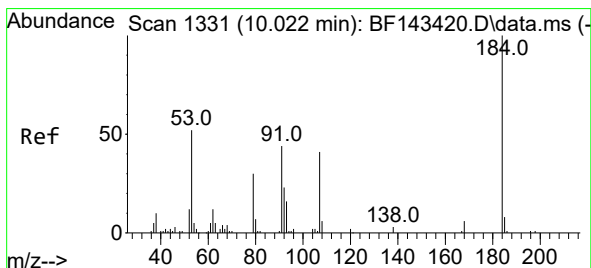
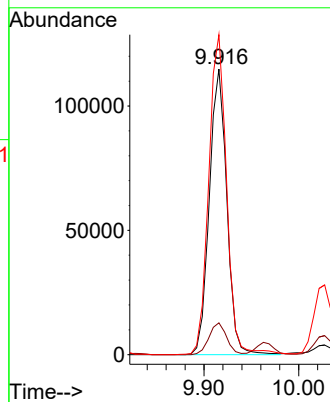
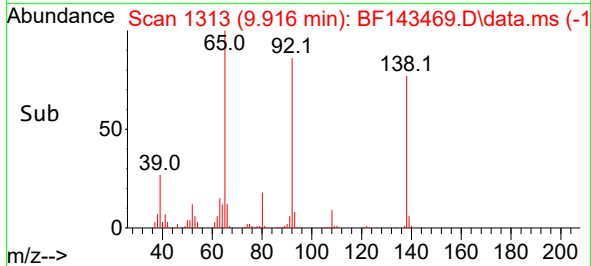
Tgt Ion:138 Resp: 147618
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 112.1 91.4 137.2

Manual Integrations

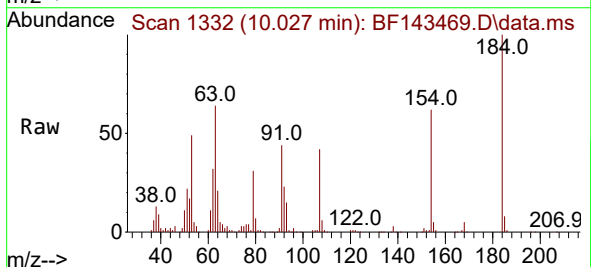
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

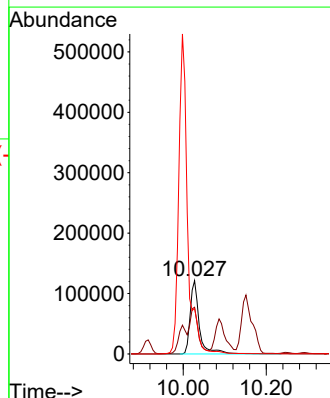
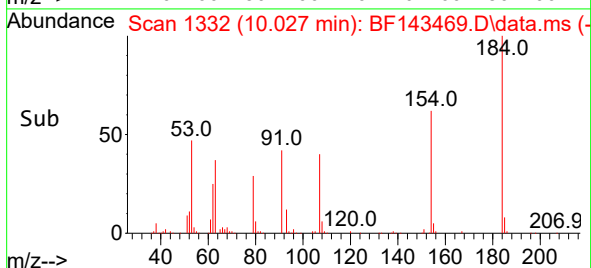
Supervised By :Jagrut Upadhyay 08/20/2025

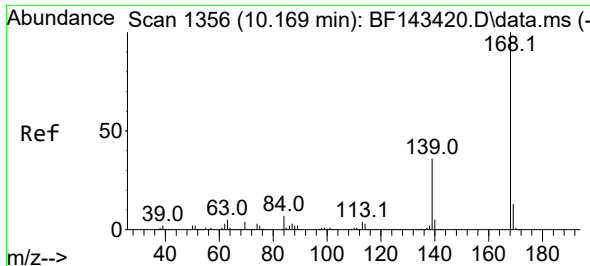


#54
2,4-Dinitrophenol
Concen: 101.567 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



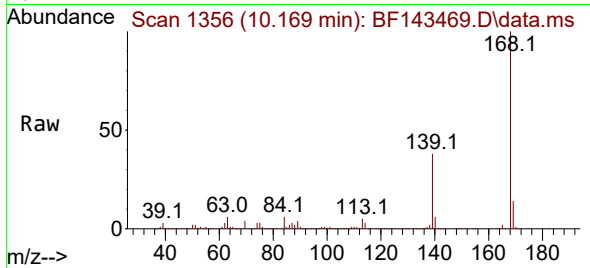
Tgt Ion:184 Resp: 187731
Ion Ratio Lower Upper
184 100
63 63.7 53.2 79.8
154 62.2 51.3 76.9





#55
Dibenzenofuran
Concen: 41.467 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

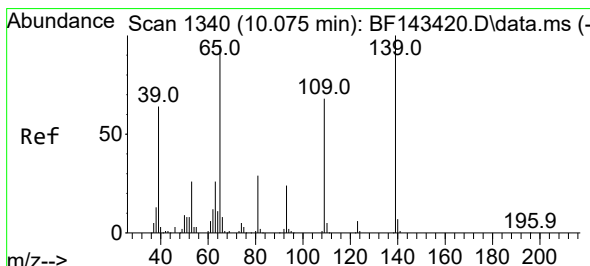
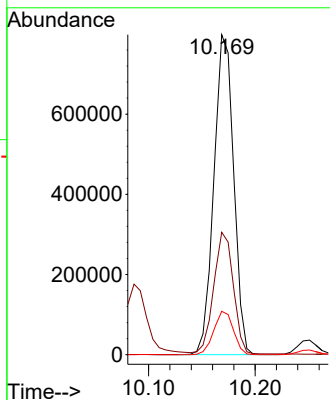
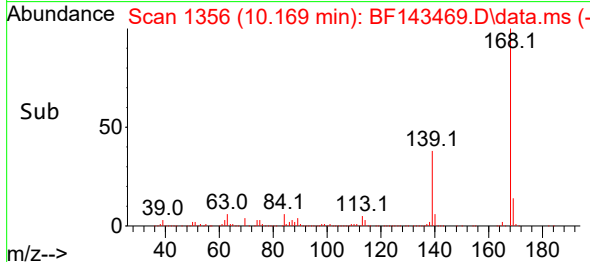
Instrument :
BNA_F
ClientSampleId :
PB169312BS



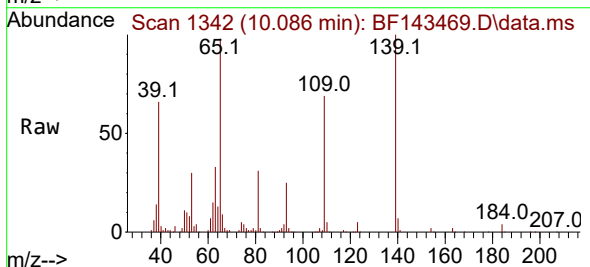
Tgt Ion:168 Resp: 1025284
Ion Ratio Lower Upper
168 100
139 38.3 29.3 43.9
169 13.6 10.8 16.2

Manual Integrations
APPROVED

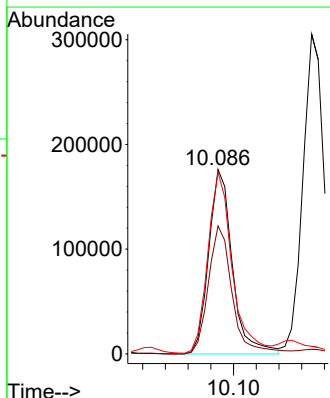
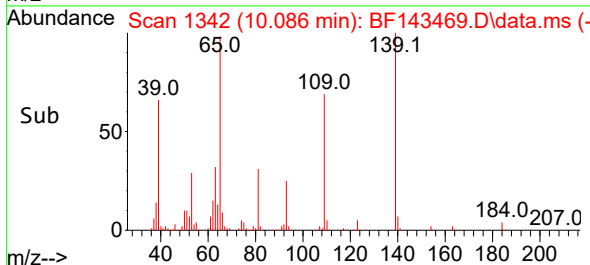
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

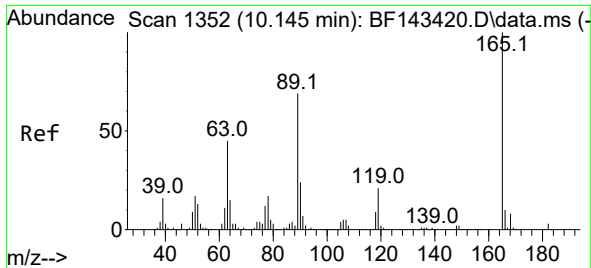


#56
4-Nitrophenol
Concen: 93.025 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:139 Resp: 254807
Ion Ratio Lower Upper
139 100
109 69.4 47.7 87.7
65 98.4 76.4 116.4





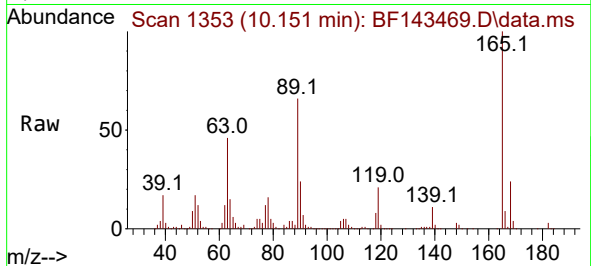
#57
2,4-Dinitrotoluene
Concen: 51.168 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



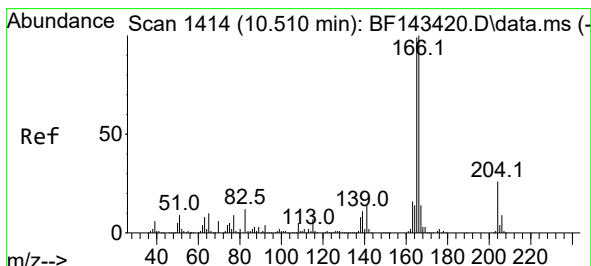
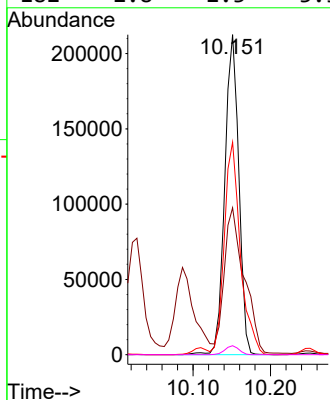
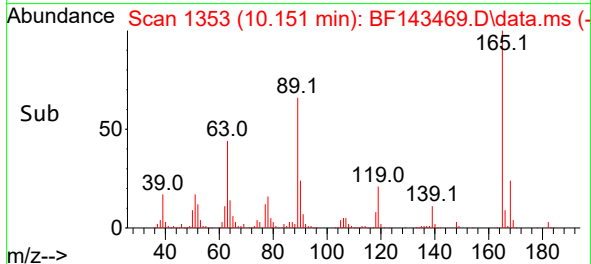
Tgt Ion:165 Resp: 266819
Ion Ratio Lower Upper
165 100
63 45.9 37.0 55.6
89 66.4 55.4 83.0
182 2.8 2.3 3.5

Manual Integrations

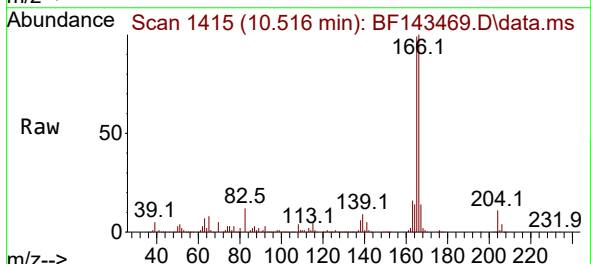
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

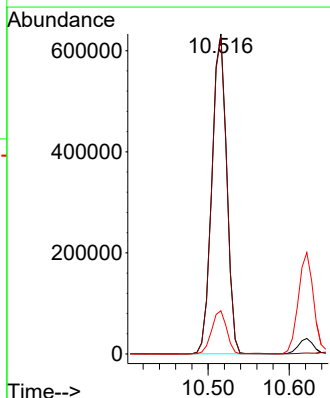
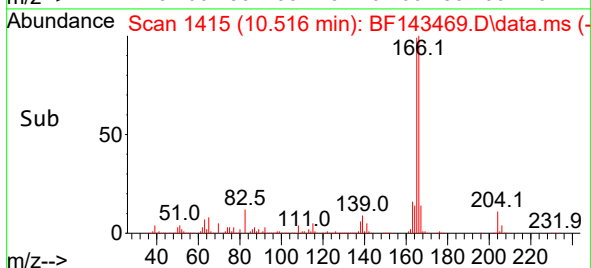
Supervised By :Jagrut Upadhyay 08/20/2025

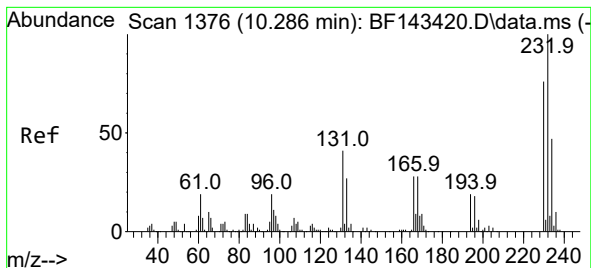


#58
Fluorene
Concen: 42.206 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



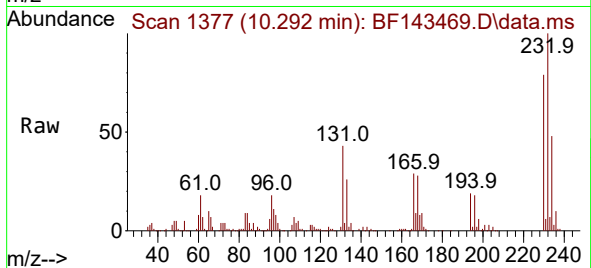
Tgt Ion:166 Resp: 801690
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.076 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

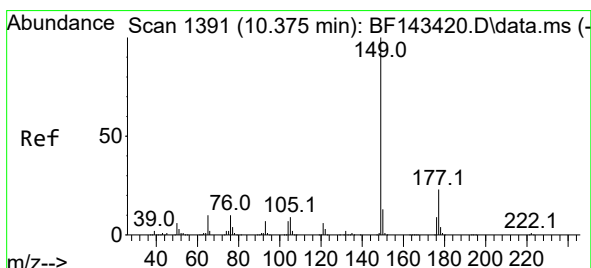
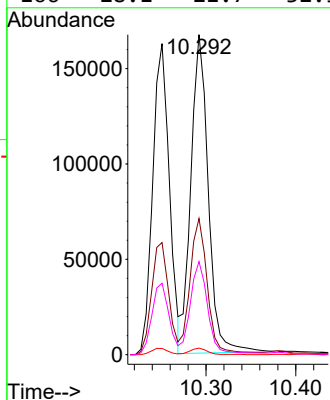
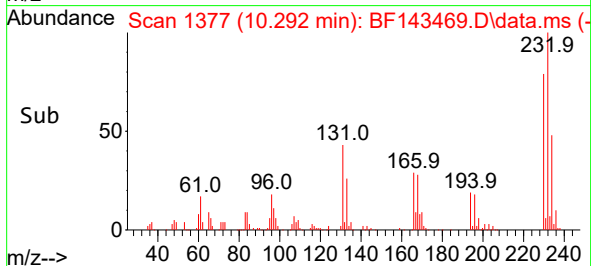
Instrument :
BNA_F
ClientSampleId :
PB169312BS



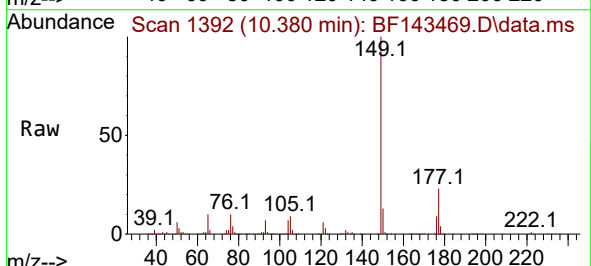
Tgt Ion:232 Resp: 224958
Ion Ratio Lower Upper
232 100
131 42.9 32.0 48.0
130 1.9 1.7 2.5
166 28.1 21.7 32.5

Manual Integrations
APPROVED

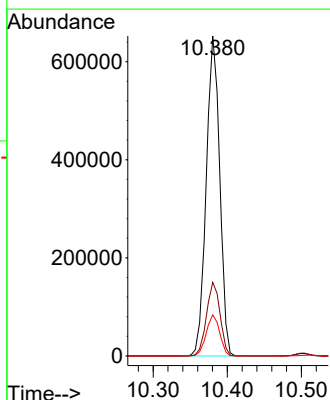
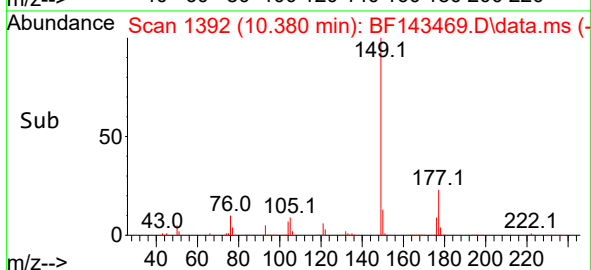
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

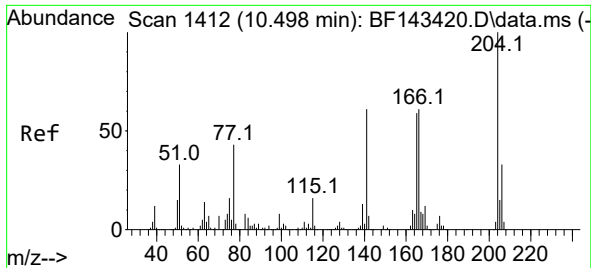


#60
Diethylphthalate
Concen: 44.985 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



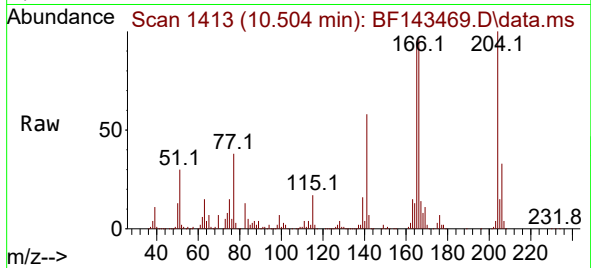
Tgt Ion:149 Resp: 824776
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.435 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

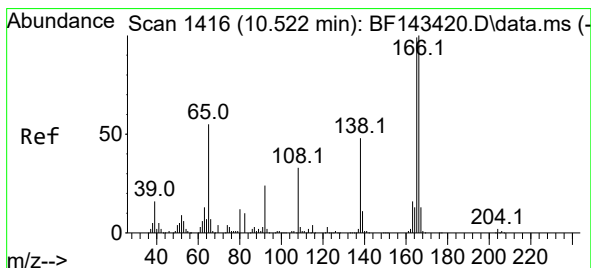
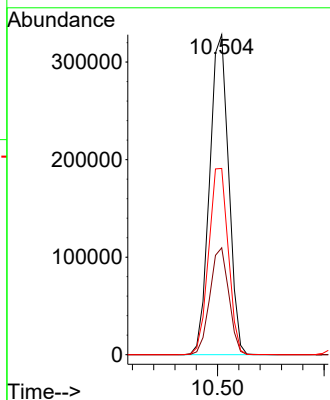
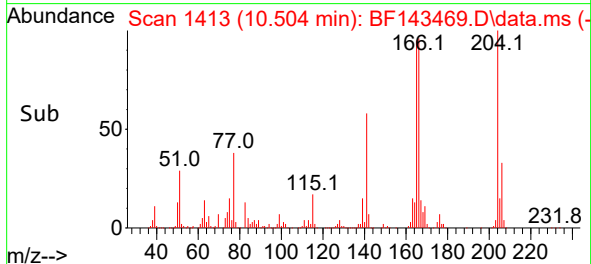
Instrument :
BNA_F
ClientSampleId :
PB169312BS



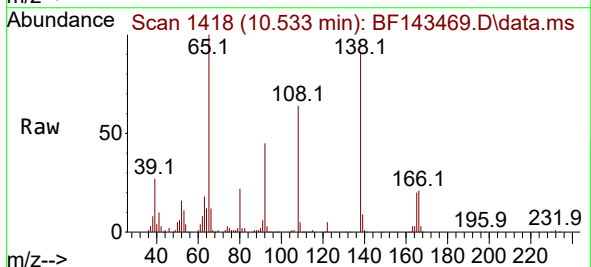
Tgt Ion:204 Resp: 40790
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 58.2 49.0 73.4

Manual Integrations
APPROVED

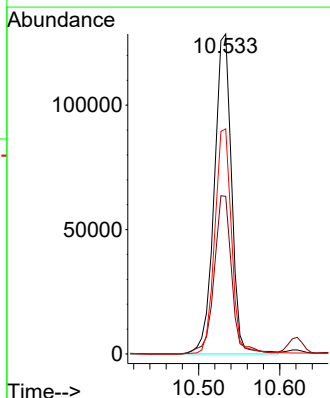
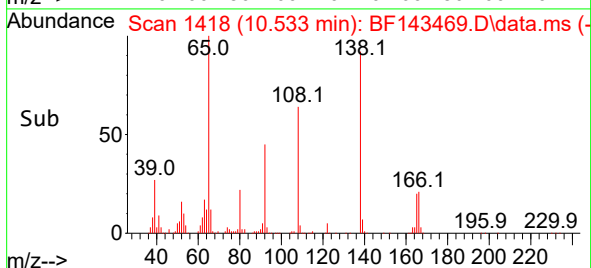
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

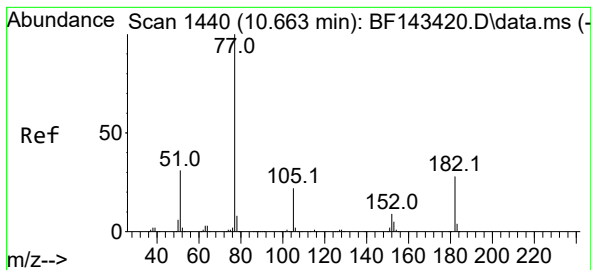


#62
4-Nitroaniline
Concen: 46.936 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



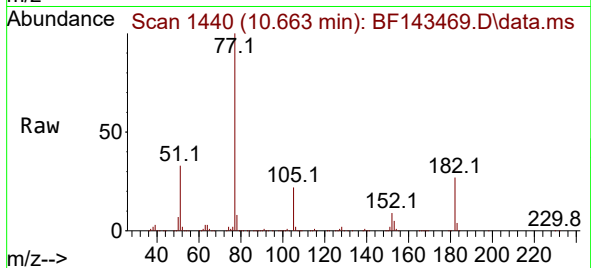
Tgt Ion:138 Resp: 191239
Ion Ratio Lower Upper
138 100
92 49.3 29.4 69.4
108 70.3 48.6 88.6





#63
Azobenzene
Concen: 43.084 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

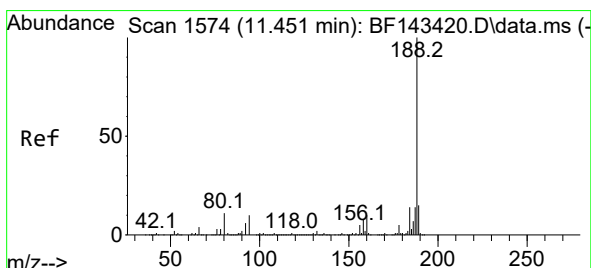
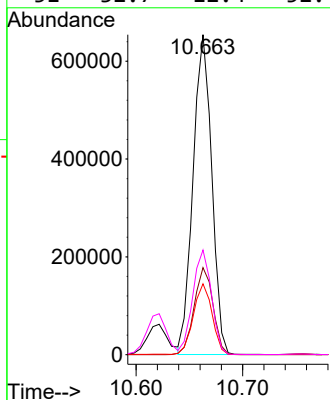
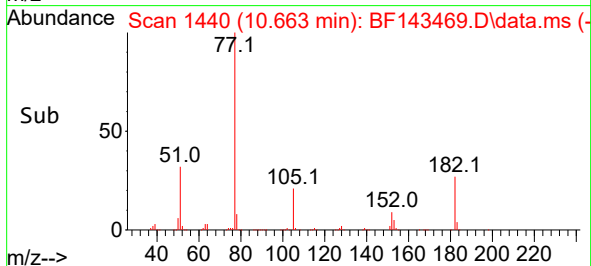
Instrument :
BNA_F
ClientSampleId :
PB169312BS



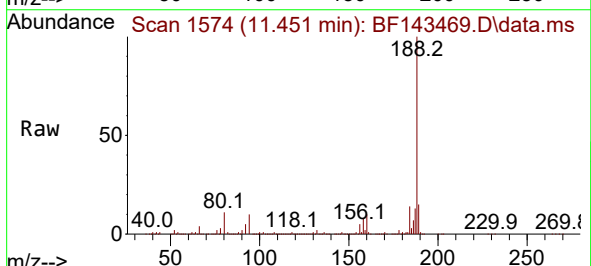
Tgt Ion: 77 Resp: 79839
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 22.2 1.7 41.7
51 32.7 12.4 52.4

Manual Integrations
APPROVED

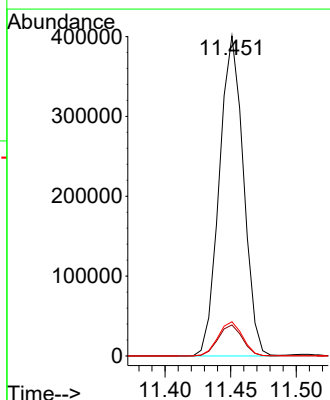
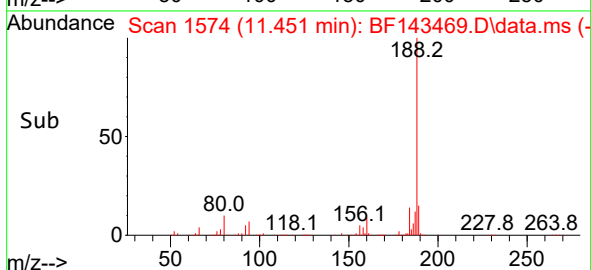
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

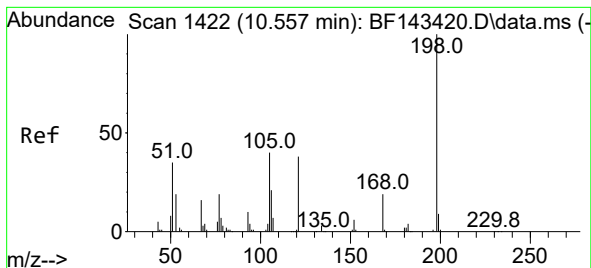


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:188 Resp: 513401
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.7 8.6 12.8





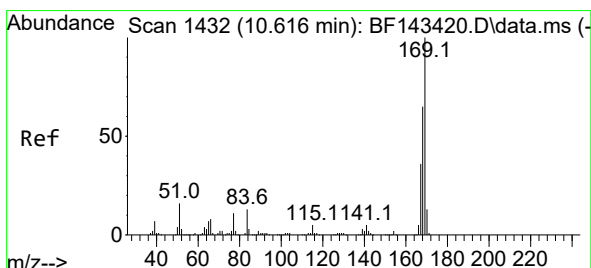
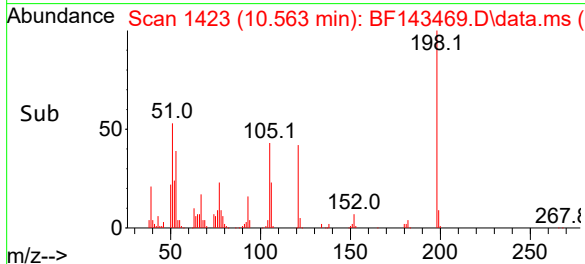
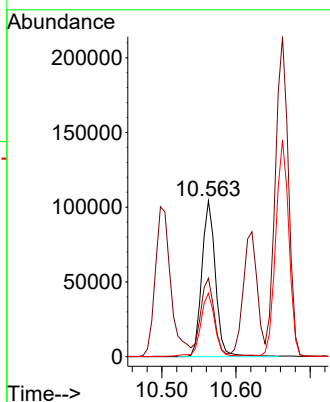
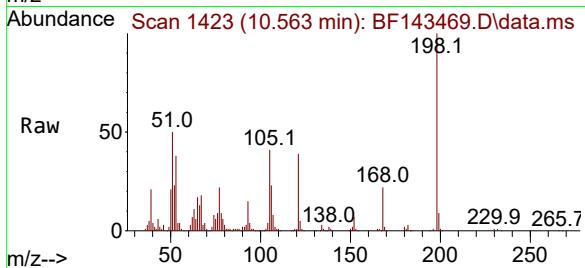
#65
4,6-Dinitro-2-methylphenol
Concen: 50.309 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :
BNA_F
ClientSampleId :
PB169312BS

Tgt Ion:198 Resp: 133261
Ion Ratio Lower Upper
198 100
51 50.3 31.2 71.2
105 40.8 21.7 61.7

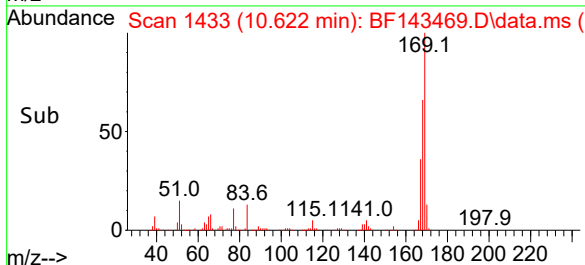
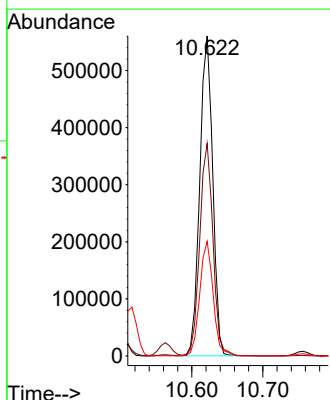
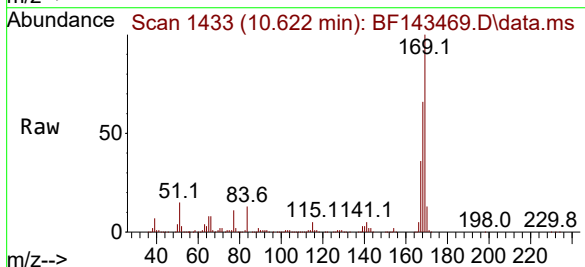
Manual Integrations
APPROVED

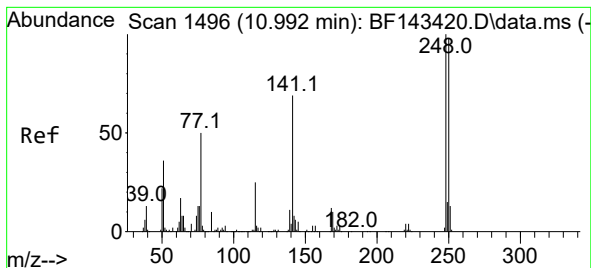
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#66
n-Nitrosodiphenylamine
Concen: 42.564 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

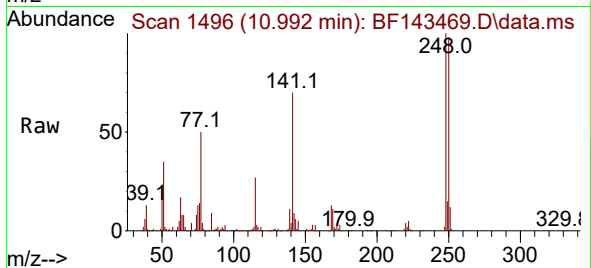
Tgt Ion:169 Resp: 710546
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 35.8 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 43.364 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

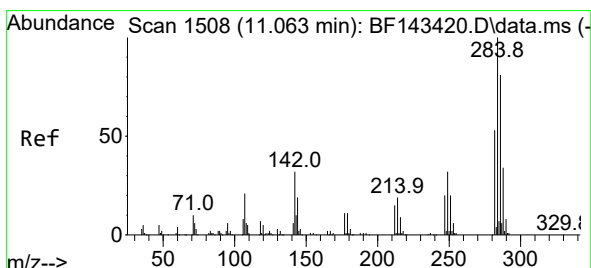
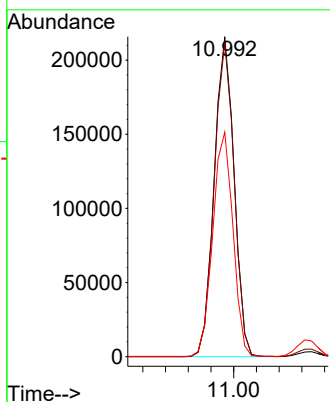
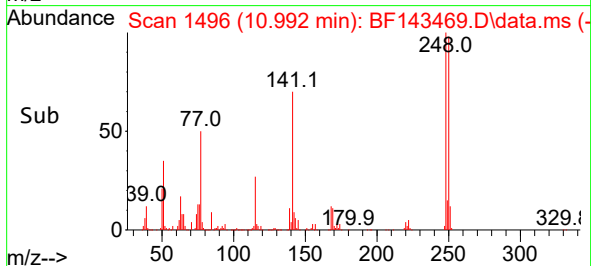
Instrument :
BNA_F
ClientSampleId :
PB169312BS



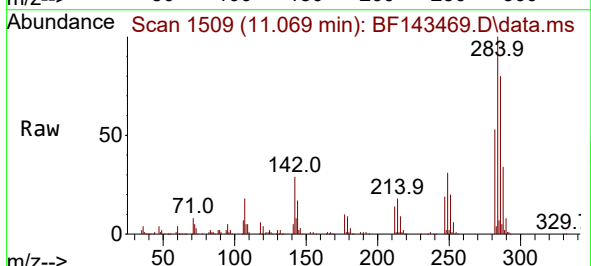
Tgt Ion:248 Resp: 262898
Ion Ratio Lower Upper
248 100
250 98.1 78.6 118.0
141 70.2 54.9 82.3

Manual Integrations
APPROVED

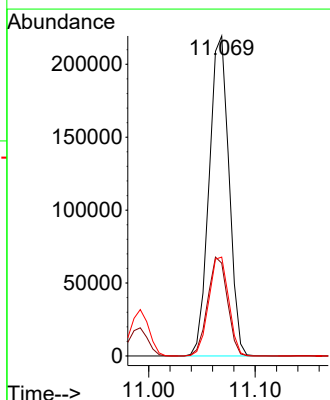
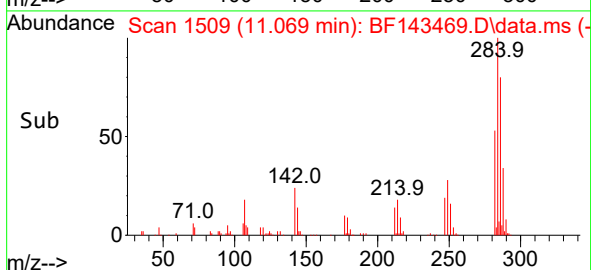
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

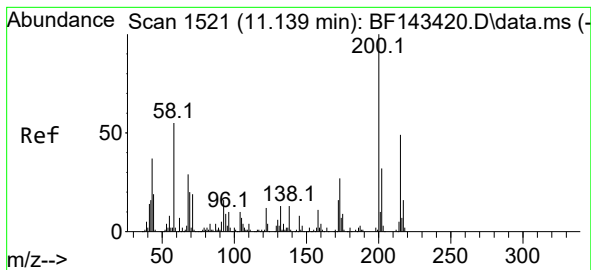


#68
Hexachlorobenzene
Concen: 43.929 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:284 Resp: 283128
Ion Ratio Lower Upper
284 100
142 29.0 25.4 38.2
249 30.9 25.4 38.0





#69

Atrazine

Concen: 47.727 ng

RT: 11.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS

Tgt Ion:200 Resp: 233034

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

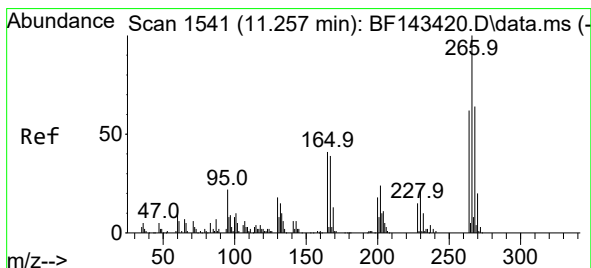
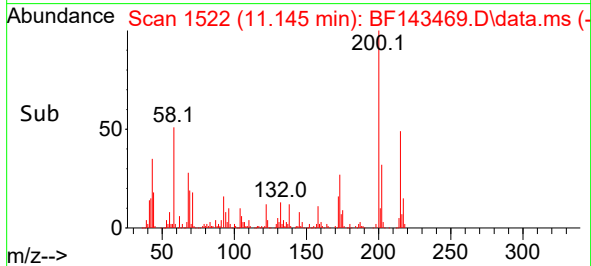
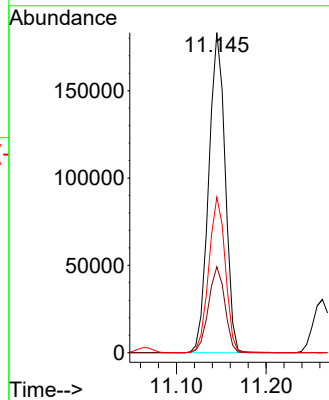
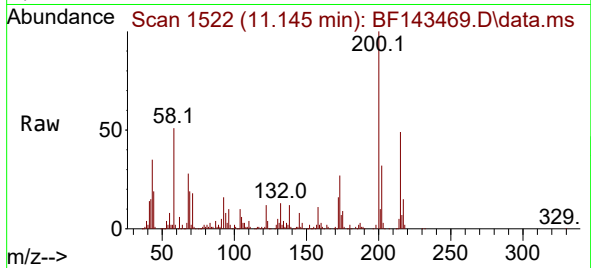
215 48.6 29.5 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#70

Pentachlorophenol

Concen: 101.022 ng

RT: 11.263 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

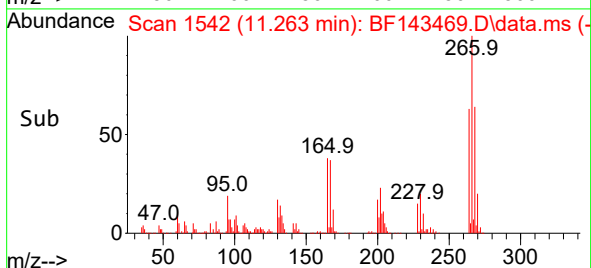
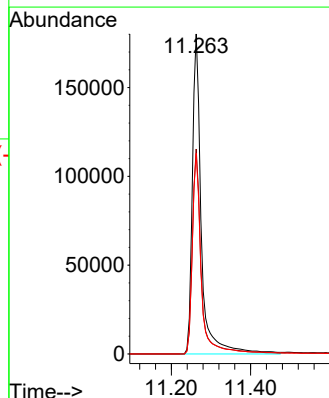
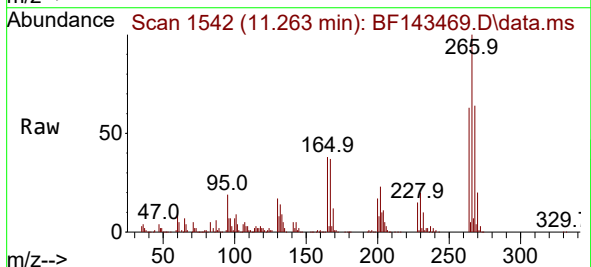
Tgt Ion:266 Resp: 286333

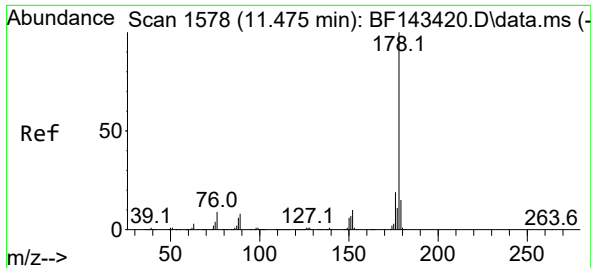
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

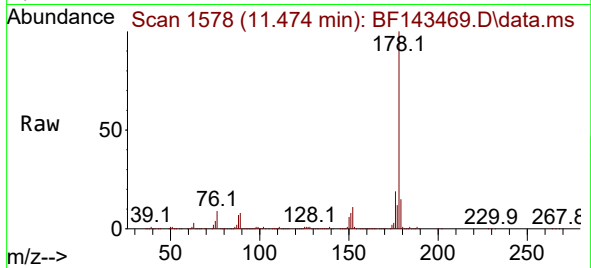
264 62.7 49.3 73.9





#71
Phenanthrene
Concen: 41.566 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

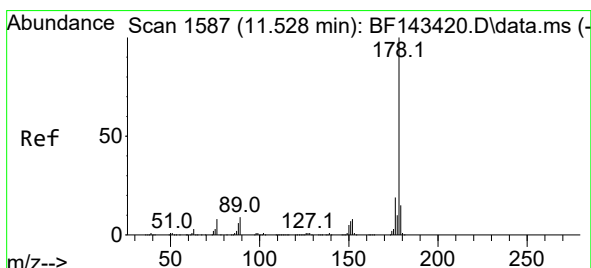
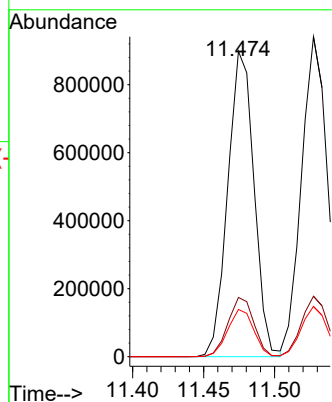
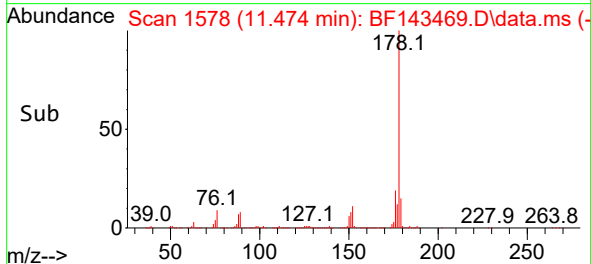
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:178 Resp: 115559
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.3 18.5

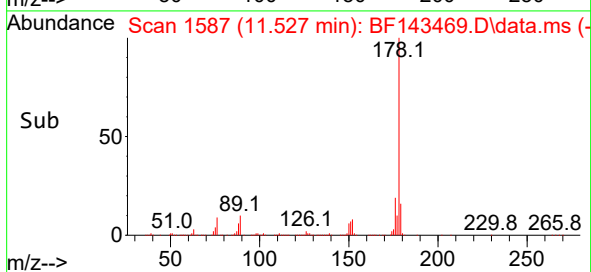
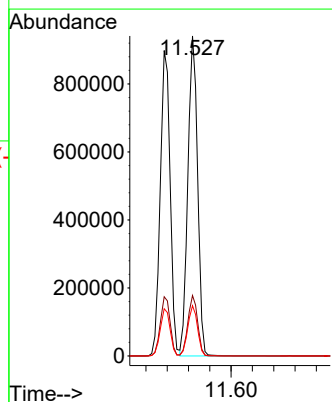
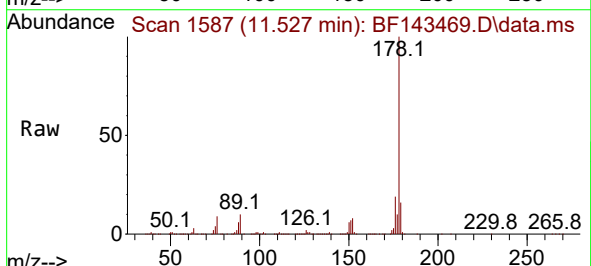
Manual Integrations
APPROVED

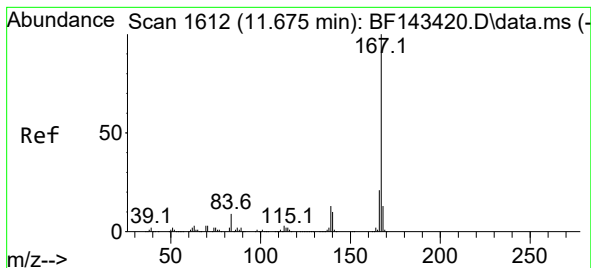
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#72
Anthracene
Concen: 42.396 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion:178 Resp: 1190484
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.2 18.4





#73

Carbazole

Concen: 42.626 ng

RT: 11.680 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS

Tgt Ion:167 Resp: 1012330

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

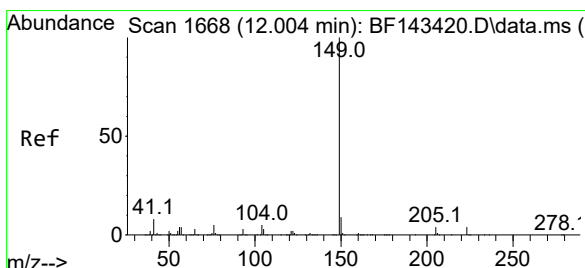
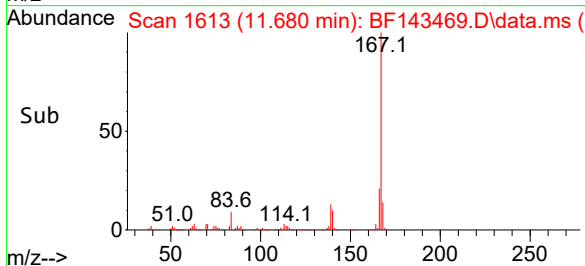
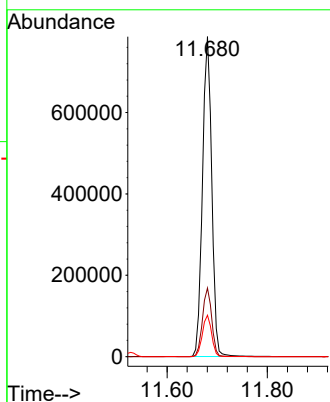
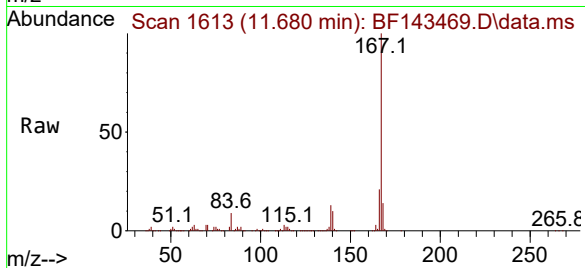
139 13.0 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#74

Di-n-butylphthalate

Concen: 47.530 ng

RT: 12.004 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

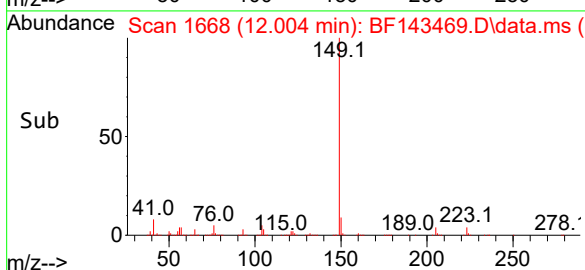
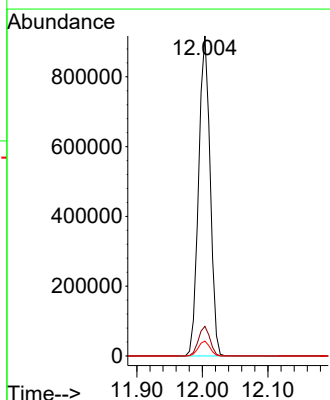
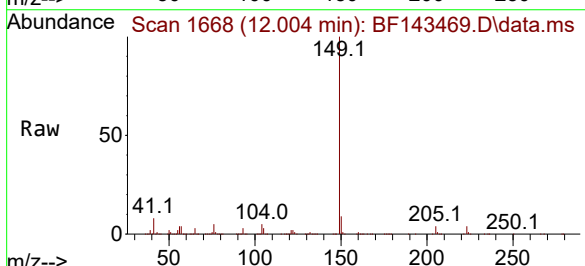
Tgt Ion:149 Resp: 1124088

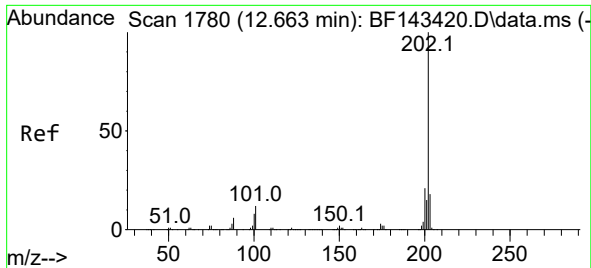
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

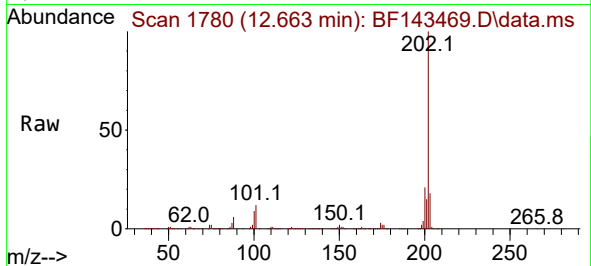
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 43.469 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

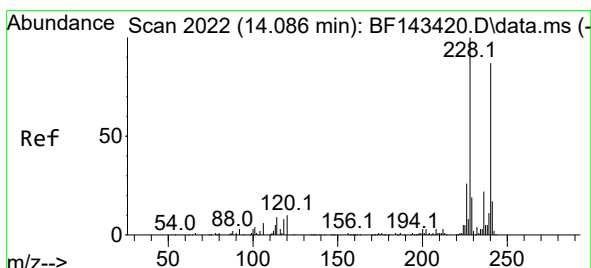
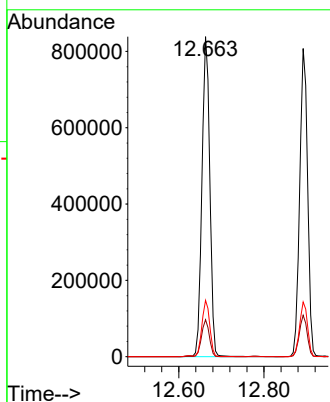
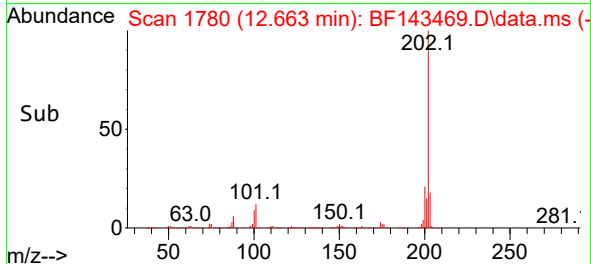
Instrument :
BNA_F
ClientSampleId :
PB169312BS



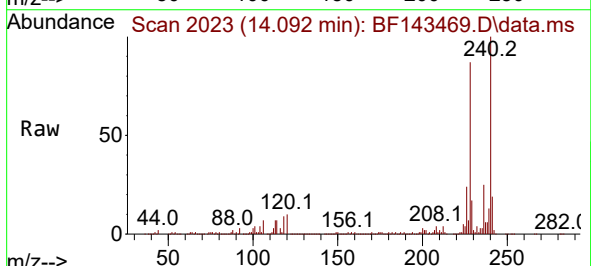
Tgt Ion:202 Resp: 107382
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.5
203 17.6 0.0 37.5

Manual Integrations
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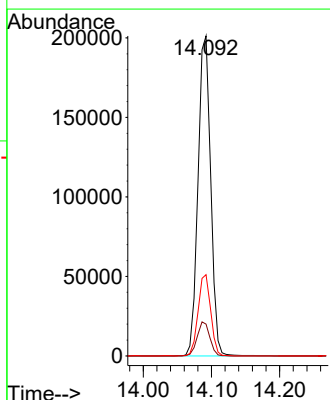
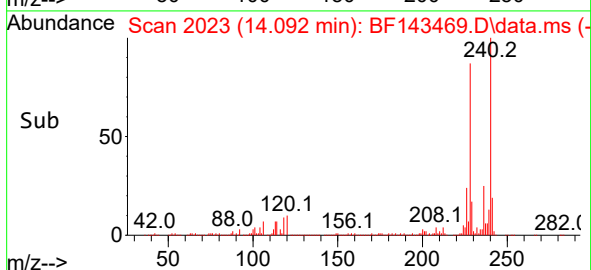
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

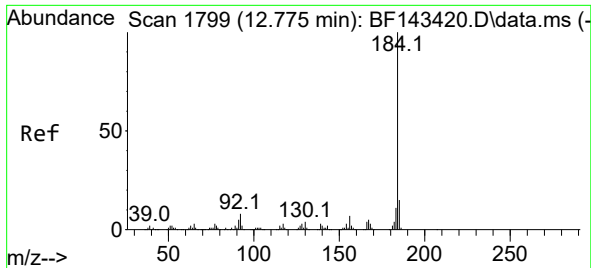


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



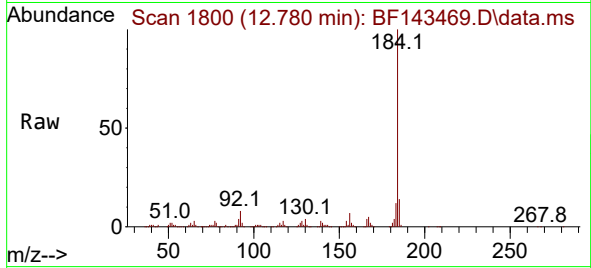
Tgt Ion:240 Resp: 259952
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.4 20.2 30.2





#77
Benzidine
Concen: 44.939 ng
RT: 12.780 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

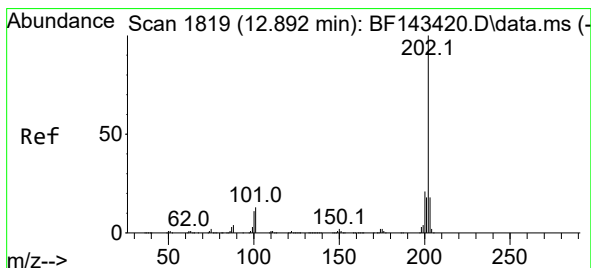
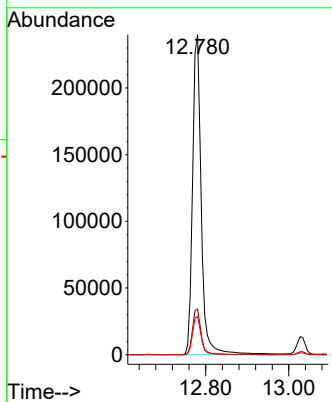
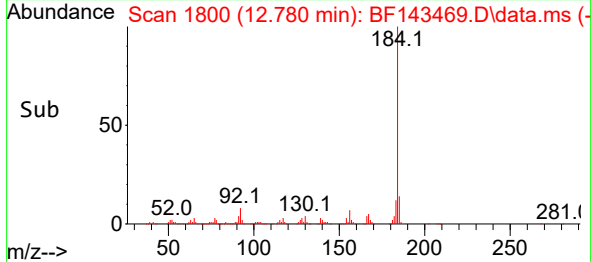
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:184 Resp: 34884
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 11.9 9.2 13.8

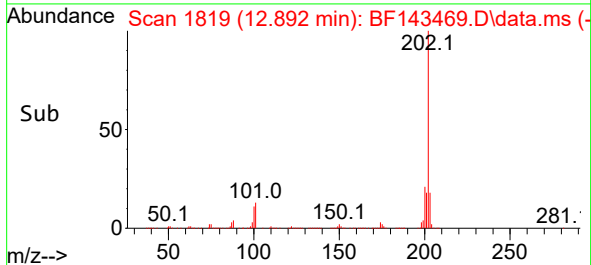
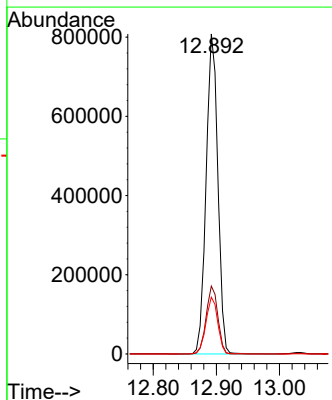
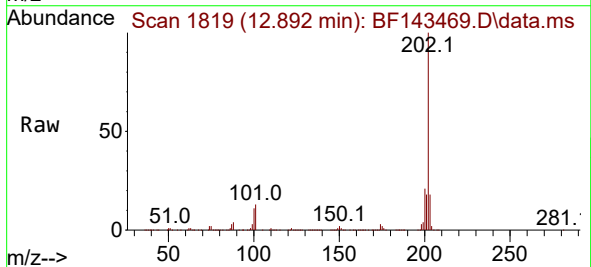
Manual Integrations
APPROVED

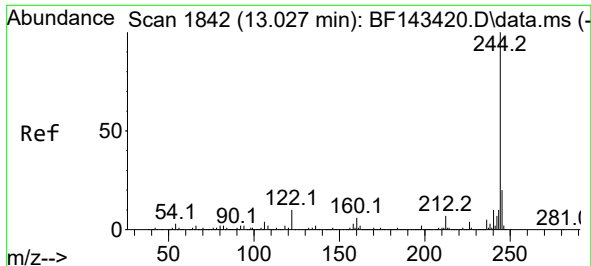
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#78
Pyrene
Concen: 46.073 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

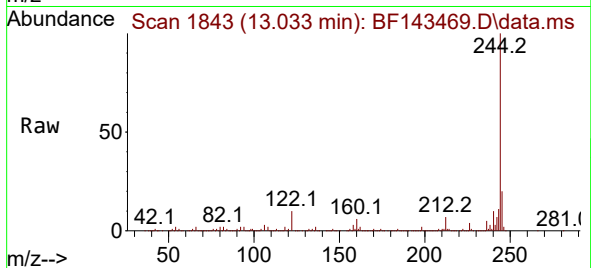
Tgt Ion:202 Resp: 1040986
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.8 14.2 21.2





#79
Terphenyl-d14
Concen: 97.019 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

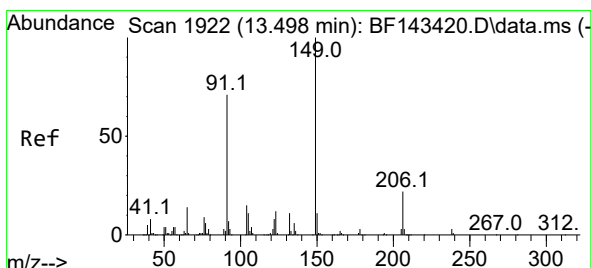
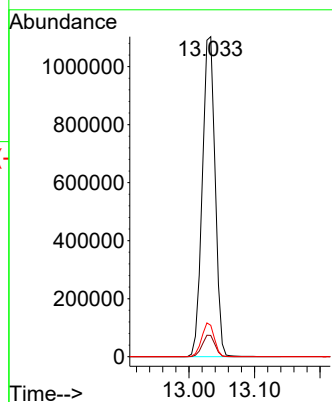
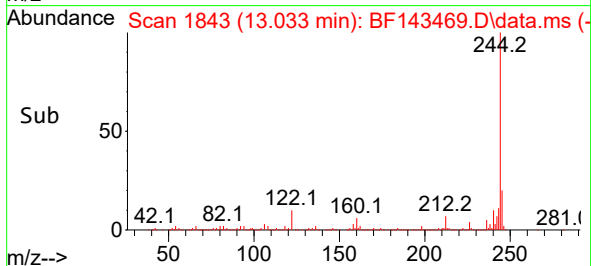
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:244 Resp: 1501339
Ion Ratio Lower Upper
244 100
212 6.7 5.2 7.8
122 9.8 8.3 12.5

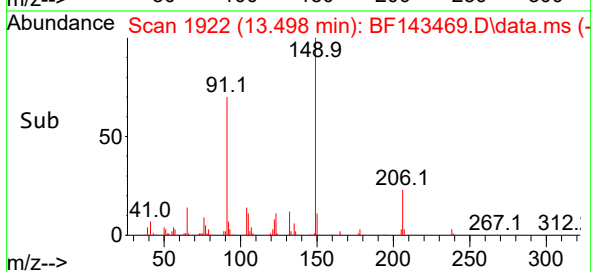
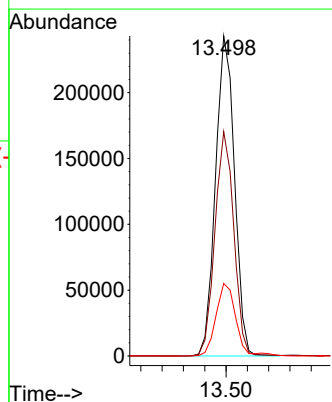
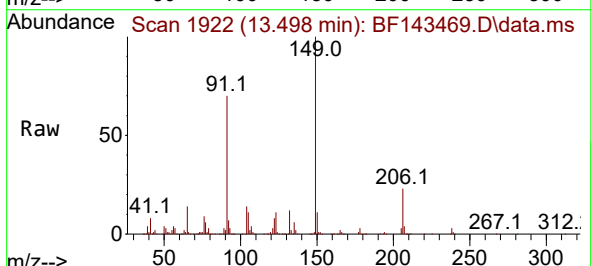
Manual Integrations
APPROVED

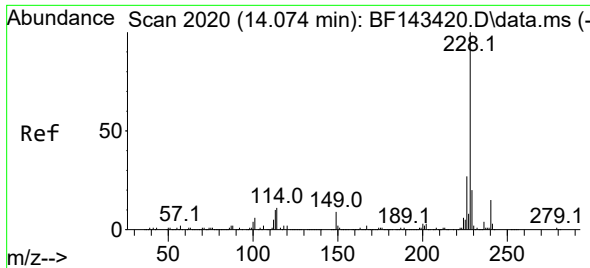
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#80
Butylbenzylphthalate
Concen: 53.680 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Tgt Ion:149 Resp: 300410
Ion Ratio Lower Upper
149 100
91 70.1 57.0 85.4
206 22.6 17.6 26.4





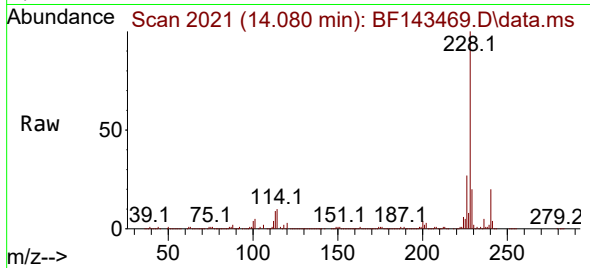
#81
Benzo(a)anthracene
Concen: 44.925 ng
RT: 14.080 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



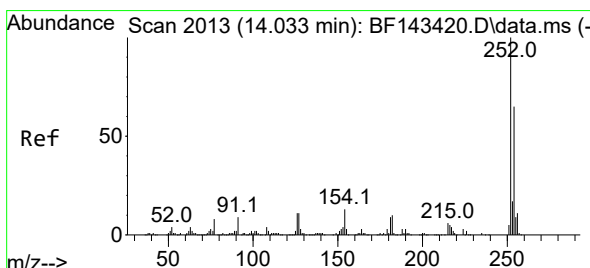
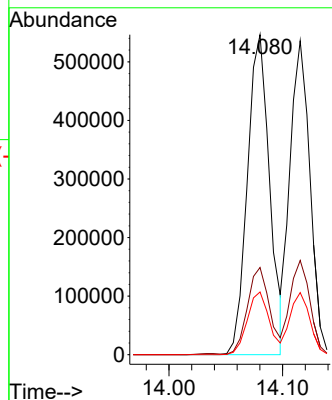
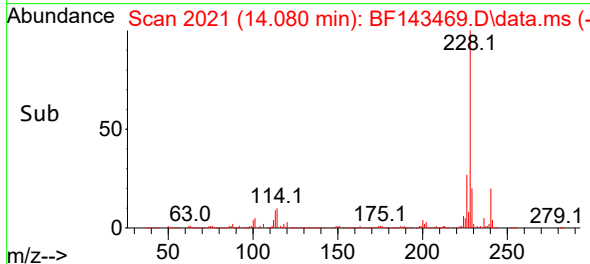
Tgt Ion:228 Resp: 743508
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.6 15.7 23.5

Manual Integrations

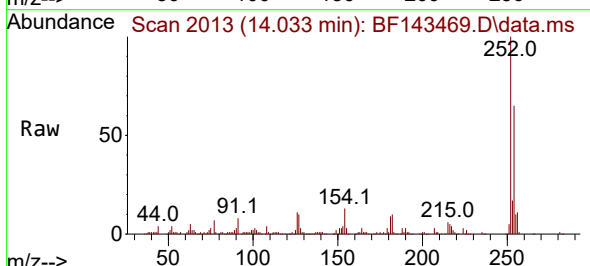
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

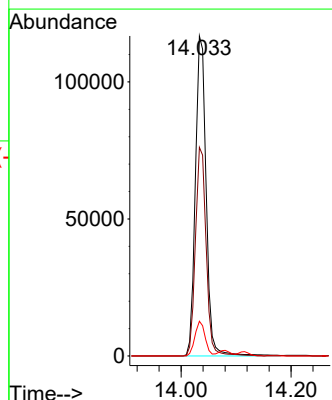
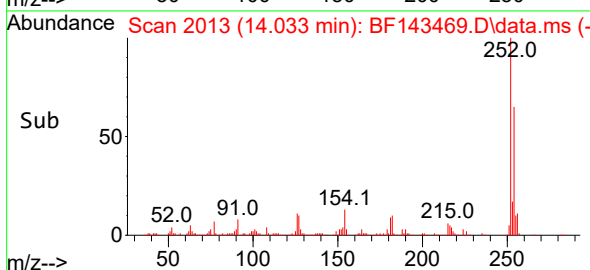
Supervised By :Jagrut Upadhyay 08/20/2025

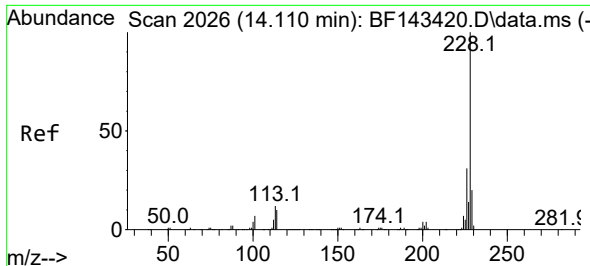


#82
3,3'-Dichlorobenzidine
Concen: 32.829 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



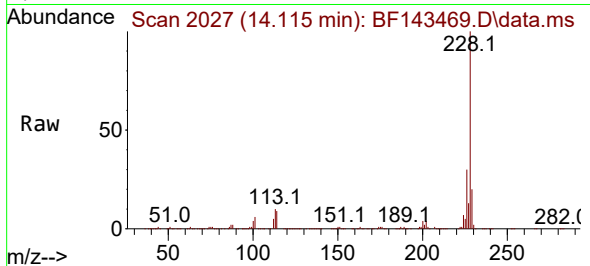
Tgt Ion:252 Resp: 159075
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 10.9 8.8 13.2





#83
Chrysene
Concen: 42.923 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

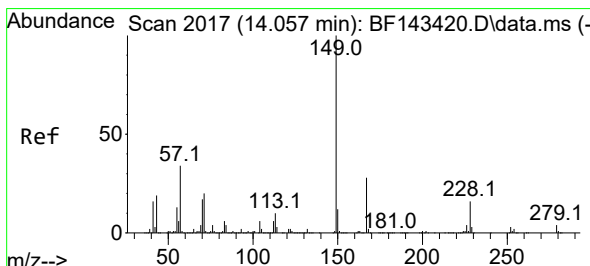
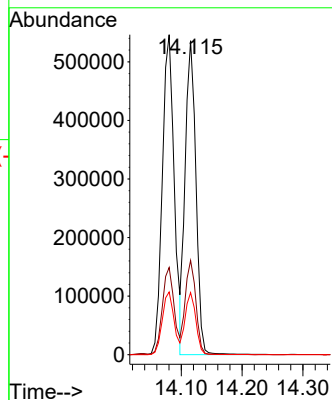
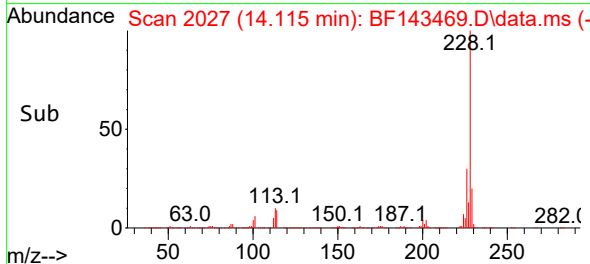
Instrument :
BNA_F
ClientSampleId :
PB169312BS



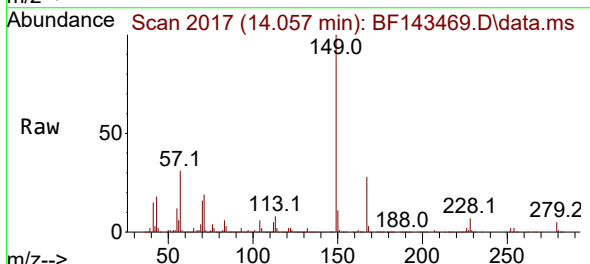
Tgt Ion:228 Resp: 656735
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.8 16.1 24.1

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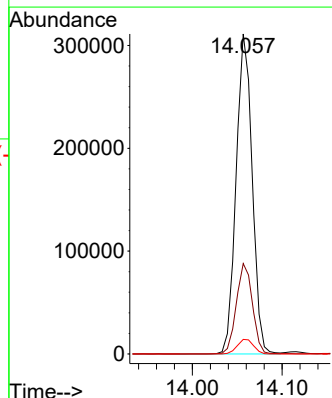
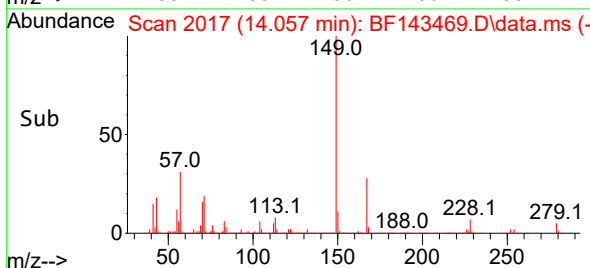
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

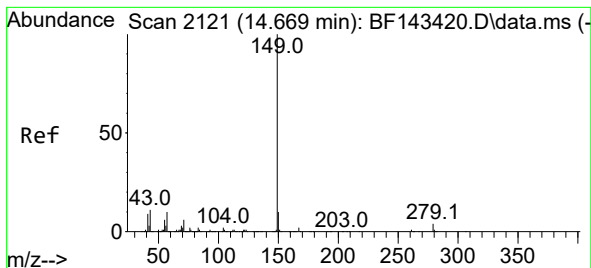


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.686 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



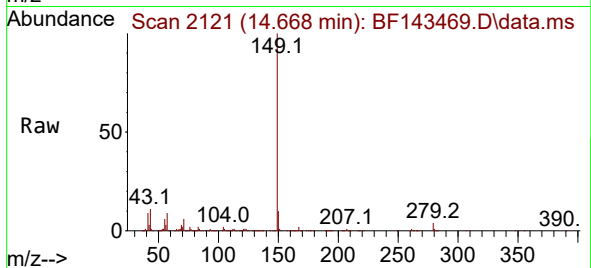
Tgt Ion:149 Resp: 386943
Ion Ratio Lower Upper
149 100
167 28.3 22.6 33.8
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 46.013 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

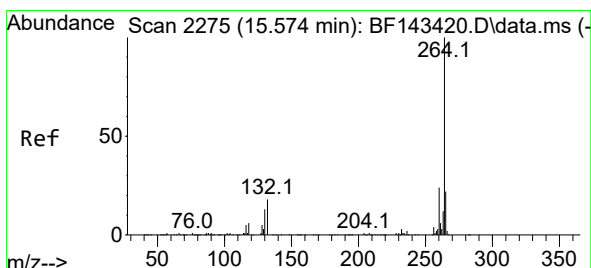
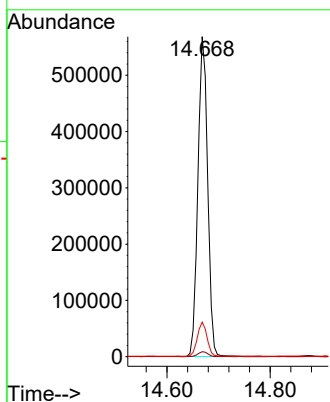
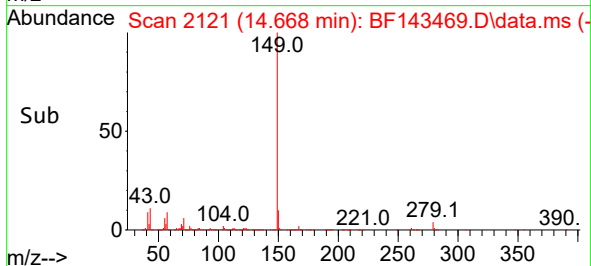
Instrument :
BNA_F
ClientSampleId :
PB169312BS



Tgt Ion:149 Resp: 741719
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 9.0 13.6

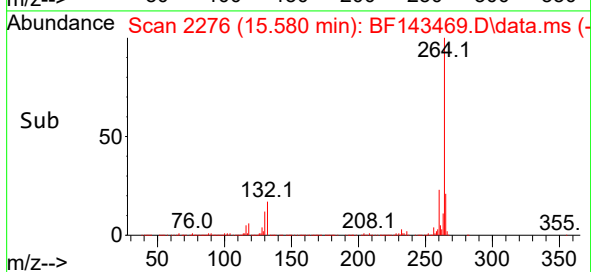
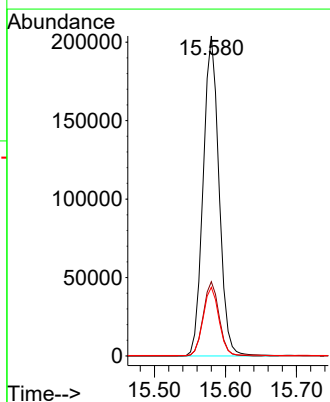
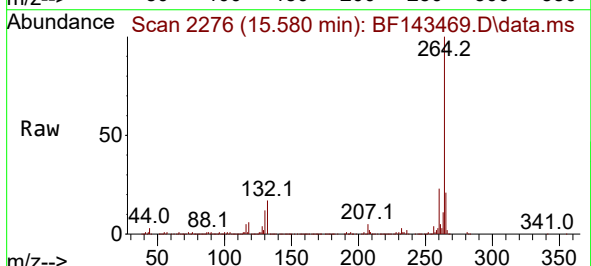
Manual Integrations
APPROVED

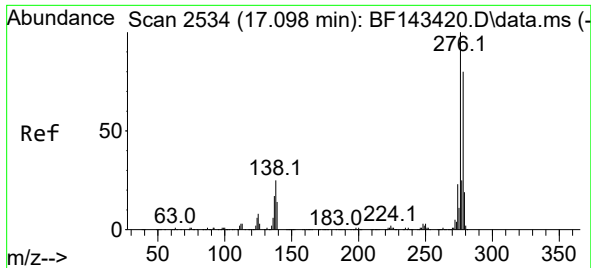
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

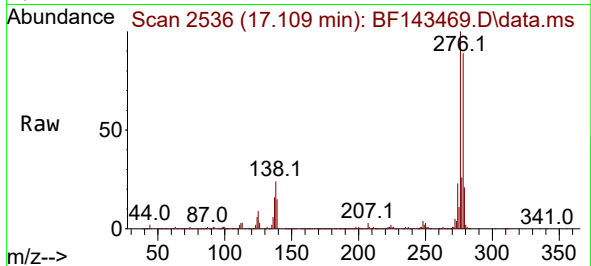
Tgt Ion:264 Resp: 316754
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.4 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.873 ng
 RT: 17.109 min Scan# 2536
 Delta R.T. 0.012 min
 Lab File: BF143469.D
 Acq: 19 Aug 2025 22:19

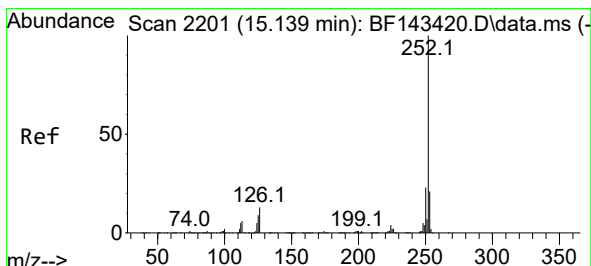
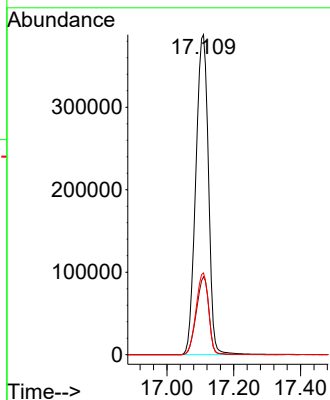
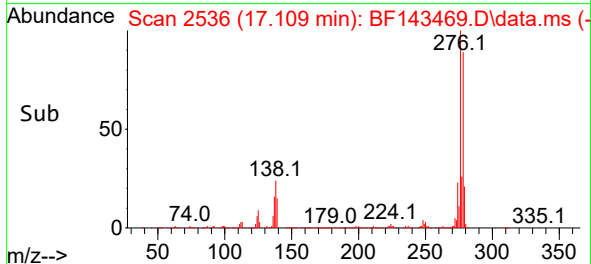
Instrument :
 BNA_F
 ClientSampleId :
 PB169312BS



Tgt Ion:276 Resp: 101838
 Ion Ratio Lower Upper
 276 100
 138 24.1 20.2 30.4
 277 25.3 20.2 30.2

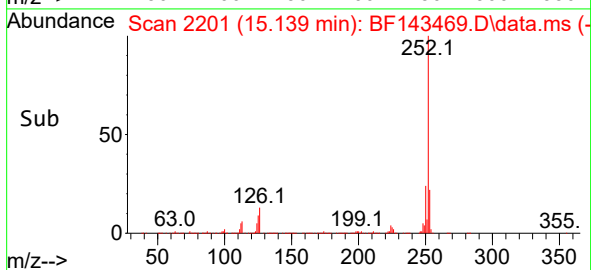
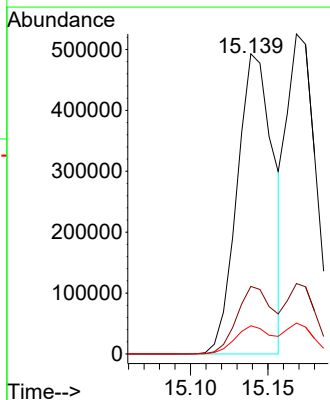
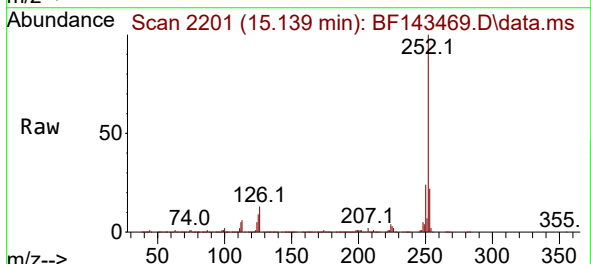
Manual Integrations
 APPROVED

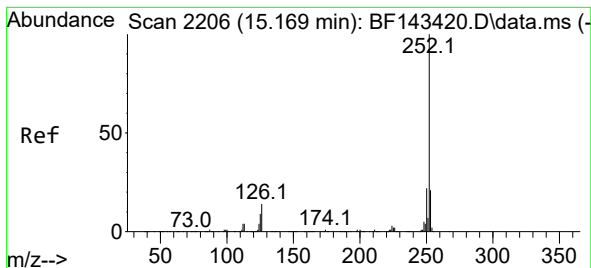
Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025



#88
 Benzo(b)fluoranthene
 Concen: 47.164 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF143469.D
 Acq: 19 Aug 2025 22:19

Tgt Ion:252 Resp: 800685
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.1 25.7
 125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 41.196 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143469.D

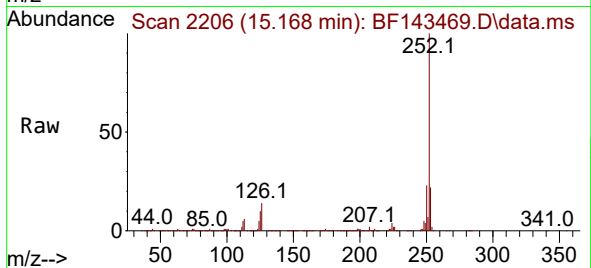
Acq: 19 Aug 2025 22:19

Instrument :

BNA_F

ClientSampleId :

PB169312BS



Tgt Ion:252 Resp: 689804

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

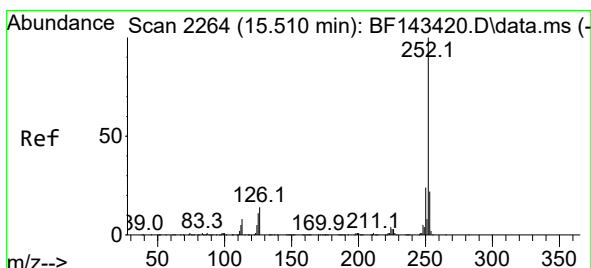
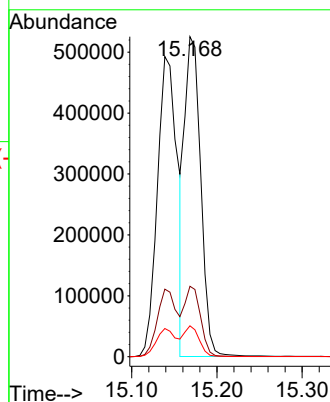
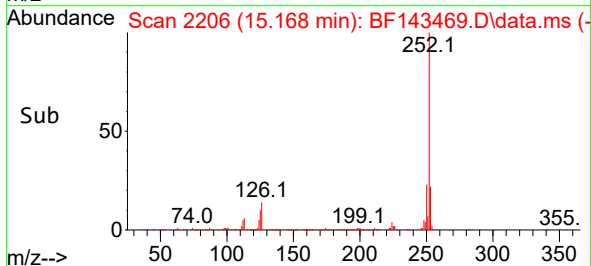
125 9.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#90

Benzo(a)pyrene

Concen: 46.614 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143469.D

Acq: 19 Aug 2025 22:19

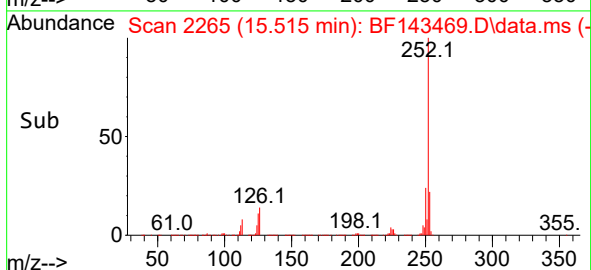
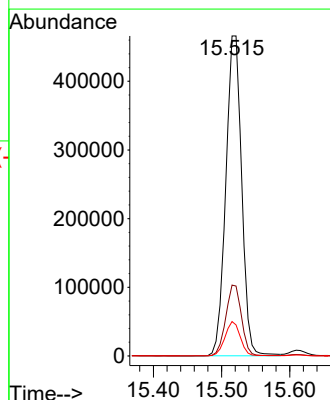
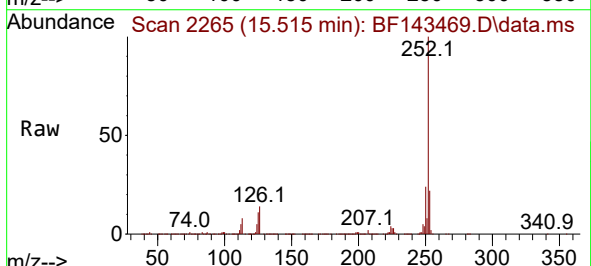
Tgt Ion:252 Resp: 753723

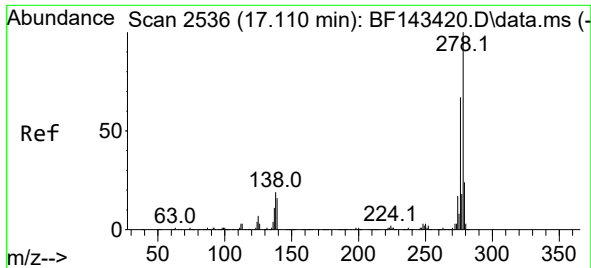
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

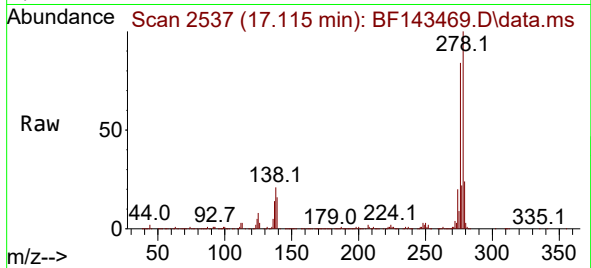
125 10.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 42.949 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19

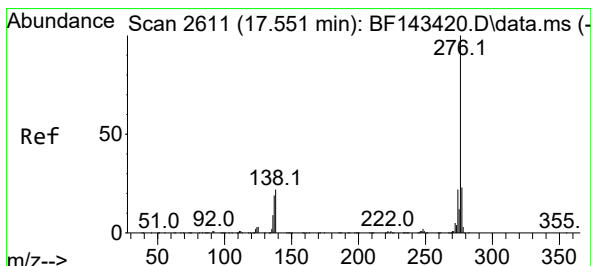
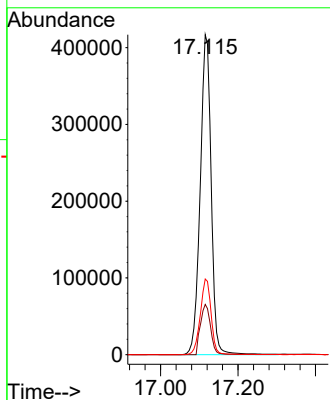
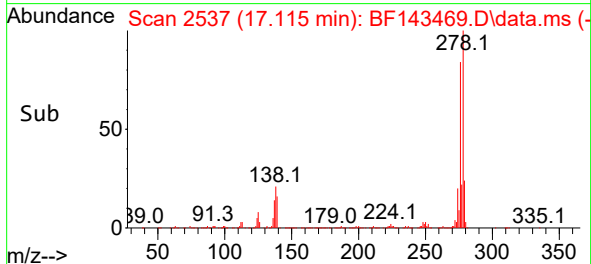
Instrument :
BNA_F
ClientSampleId :
PB169312BS



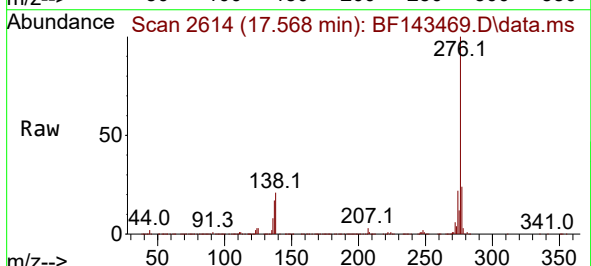
Tgt Ion:278 Resp: 81925
Ion Ratio Lower Upper
278 100
139 15.7 12.9 19.3
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#92
Benzo(g,h,i)perylene
Concen: 43.723 ng
RT: 17.568 min Scan# 2614
Delta R.T. 0.017 min
Lab File: BF143469.D
Acq: 19 Aug 2025 22:19



Tgt Ion:276 Resp: 833179
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 20.6 17.5 26.3

