

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143489.D
 Acq On : 20 Aug 2025 17:13
 Operator : RC/JU
 Sample : PB169313BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

Quant Time: Aug 21 06:24:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134095	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510372	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	281230	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	429898	20.000	ng	0.00
76) Chrysene-d12	14.098	240	234937	20.000	ng	0.00
86) Perylene-d12	15.598	264	275165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	906431	118.034	ng	0.01
7) Phenol-d6	6.569	99	1137459	119.987	ng	0.00
23) Nitrobenzene-d5	7.487	82	762747	87.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	331402	126.594	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1385209	81.403	ng	0.00
79) Terphenyl-d14	13.039	244	1227361	91.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	140225	39.417	ng	98
3) Pyridine	3.604	79	381000	40.210	ng	99
4) n-Nitrosodimethylamine	3.551	42	209463	49.176	ng	96
6) Aniline	6.592	93	385324	30.409	ng	# 89
8) 2-Chlorophenol	6.716	128	397932	46.915	ng	99
9) Benzaldehyde	6.475	77	204602	26.658	ng	98
10) Phenol	6.581	94	479009	43.862	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	376321	46.112	ng	100
12) 1,3-Dichlorobenzene	6.869	146	450136	47.232	ng	99
13) 1,4-Dichlorobenzene	6.945	146	449967	47.068	ng	99
14) 1,2-Dichlorobenzene	7.098	146	430820	47.598	ng	100
15) Benzyl Alcohol	7.069	79	349102	49.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	610573	46.765	ng	96
17) 2-Methylphenol	7.187	107	320988	47.151	ng	99
18) Hexachloroethane	7.439	117	152082	46.790	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	277063	47.817	ng	100
20) 3+4-Methylphenols	7.334	107	376455	46.323	ng	95
22) Acetophenone	7.334	105	517836	46.964	ng	99
24) Nitrobenzene	7.510	77	420860	46.754	ng	98
25) Isophorone	7.745	82	780874	48.706	ng	100
26) 2-Nitrophenol	7.822	139	215430	48.857	ng	98
27) 2,4-Dimethylphenol	7.863	122	339385	49.375	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	459281	46.615	ng	100
29) 2,4-Dichlorophenol	8.069	162	332236	45.257	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	362445	48.021	ng	100
31) Naphthalene	8.234	128	1098754	44.842	ng	100
32) Benzoic acid	7.992	122	184125	47.268	ng	97
33) 4-Chloroaniline	8.275	127	112061	12.885	ng	99
34) Hexachlorobutadiene	8.351	225	228735	46.451	ng	99
35) Caprolactam	8.645	113	91773m	52.098	ng	
36) 4-Chloro-3-methylphenol	8.769	107	339481	46.145	ng	99
37) 2-Methylnaphthalene	8.922	142	673616	41.162	ng	99
38) 1-Methylnaphthalene	9.022	142	687011	43.887	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	350599	43.584	ng	99
41) Hexachlorocyclopentadiene	9.081	237	396561	123.098	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226186	45.696	ng	99

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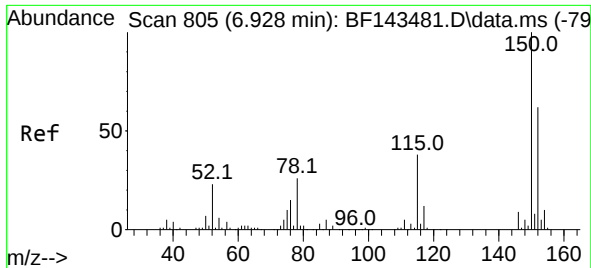
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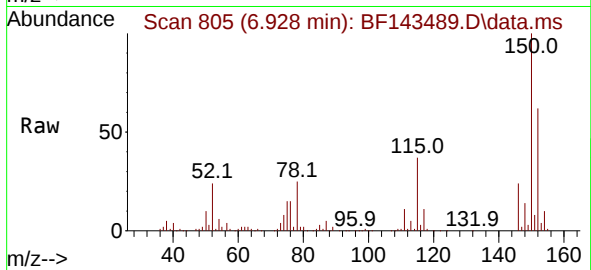
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	237819	43.985	ng	99
46) 1,1'-Biphenyl	9.386	154	897223	44.948	ng	100
47) 2-Chloronaphthalene	9.410	162	694733	44.358	ng	99
48) 2-Nitroaniline	9.504	65	217580	47.469	ng	99
49) Acenaphthylene	9.828	152	1121586	50.014	ng	99
50) Dimethylphthalate	9.686	163	796613	47.032	ng	100
51) 2,6-Dinitrotoluene	9.745	165	179774	51.211	ng	98
52) Acenaphthene	10.004	154	751245	49.339	ng	100
53) 3-Nitroaniline	9.916	138	92083	24.276	ng	99
54) 2,4-Dinitrophenol	10.028	184	176260	92.970	ng	98
55) Dibenzofuran	10.175	168	975498	44.937	ng	99
56) 4-Nitrophenol	10.086	139	228057	101.045	ng	94
57) 2,4-Dinitrotoluene	10.151	165	245063	52.282	ng	97
58) Fluorene	10.516	166	765879	45.840	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	208751	51.968	ng	99
60) Diethylphthalate	10.386	149	735316	48.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	380418	45.528	ng	100
62) 4-Nitroaniline	10.533	138	168332	48.313	ng	99
63) Azobenzene	10.663	77	763587	48.494	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	129091	53.257	ng	96
66) n-Nitrosodiphenylamine	10.622	169	667663	48.259	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	239849	46.760	ng	98
68) Hexachlorobenzene	11.069	284	260280	47.075	ng	98
69) Atrazine	11.151	200	187729	52.566	ng	99
70) Pentachlorophenol	11.269	266	256427	101.265	ng	99
71) Phenanthrene	11.480	178	1077665	46.811	ng	100
72) Anthracene	11.533	178	1098131	47.086	ng	100
73) Carbazole	11.686	167	913776	47.817	ng	99
74) Di-n-butylphthalate	12.010	149	915491	51.353	ng	99
75) Fluoranthene	12.669	202	968757	46.897	ng	99
77) Benzidine	12.786	184	203411	35.544	ng	99
78) Pyrene	12.898	202	940507	48.667	ng	100
80) Butylbenzylphthalate	13.510	149	283983	53.791	ng	99
81) Benzo(a)anthracene	14.086	228	709995	46.940	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	88838	20.509	ng	99
83) Chrysene	14.127	228	670537	49.330	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	407661	50.699	ng	100
85) Di-n-octyl phthalate	14.680	149	764827	51.345	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	936751	47.375	ng	100
88) Benzo(b)fluoranthene	15.157	252	718254	46.959	ng	100
89) Benzo(k)fluoranthene	15.186	252	719311	49.118	ng	100
90) Benzo(a)pyrene	15.533	252	721420	50.813	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	766358	48.393	ng	99
92) Benzo(g,h,i)perylene	17.592	276	771124	48.971	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

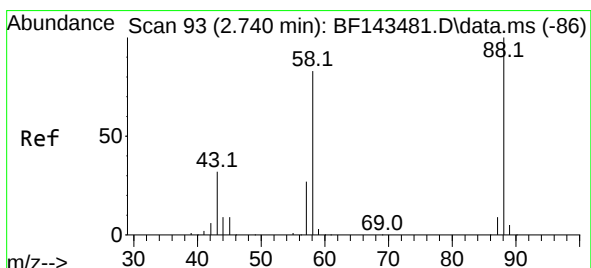
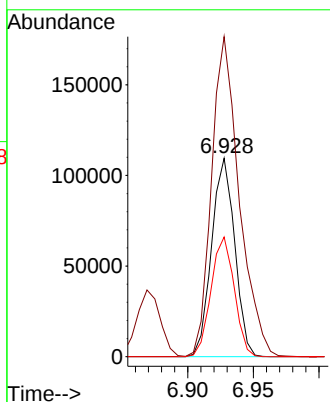
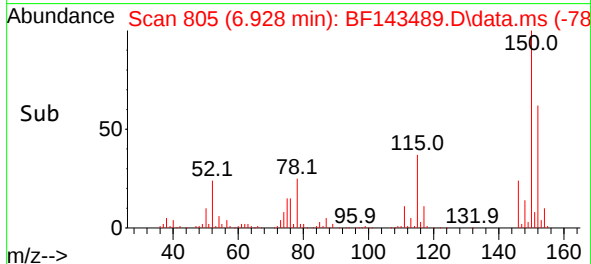
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:152 Resp: 134095
Ion Ratio Lower Upper
152 100
150 161.3 128.9 193.3
115 60.3 49.2 73.8

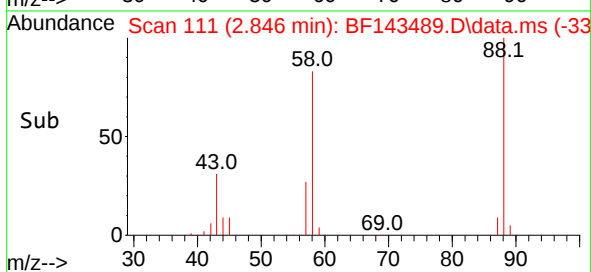
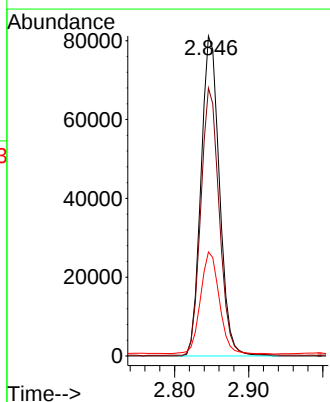
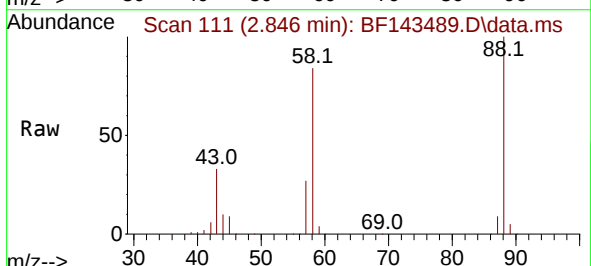
Manual Integrations
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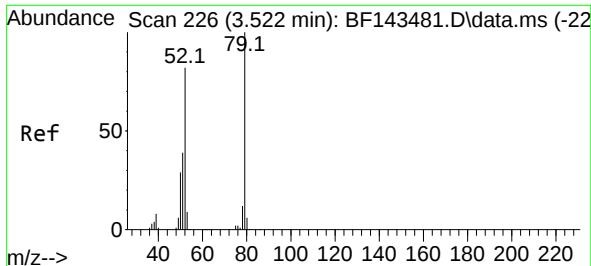
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#2
1,4-Dioxane
Concen: 39.417 ng
RT: 2.846 min Scan# 111
Delta R.T. 0.112 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

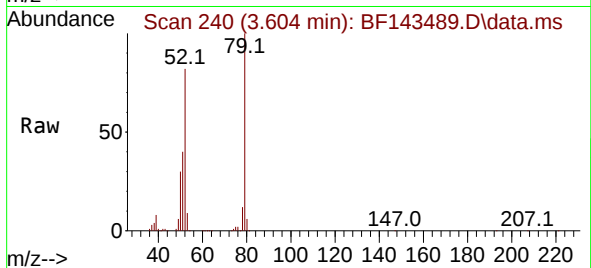
Tgt Ion: 88 Resp: 140225
Ion Ratio Lower Upper
88 100
58 85.2 66.7 100.1
43 32.6 25.8 38.8





#3
Pyridine
Concen: 40.210 ng
RT: 3.604 min Scan# 240
Delta R.T. 0.088 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

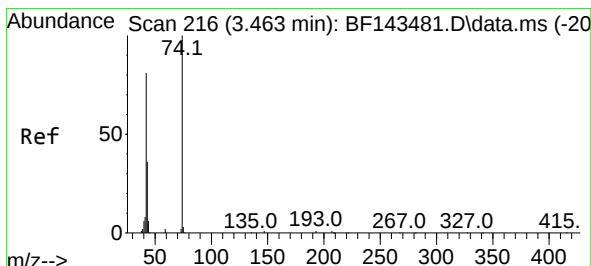
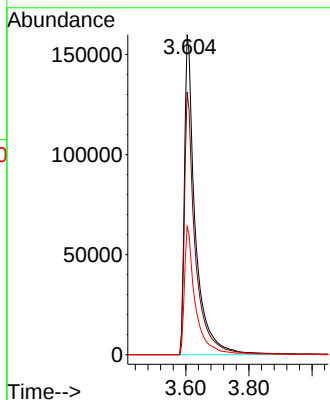
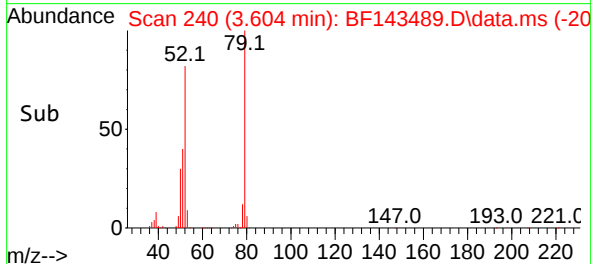
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion: 79 Resp: 381000
Ion Ratio Lower Upper
79 100
52 82.1 65.6 98.4
51 40.0 31.2 46.8

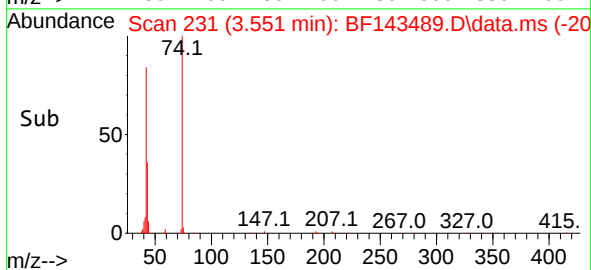
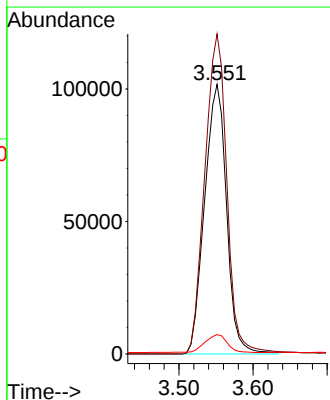
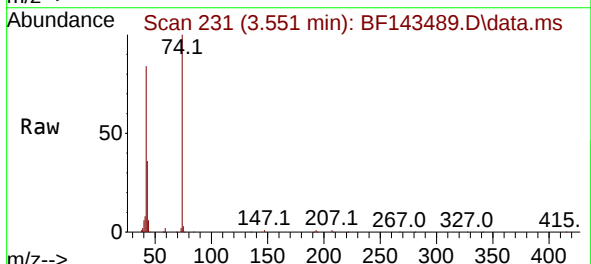
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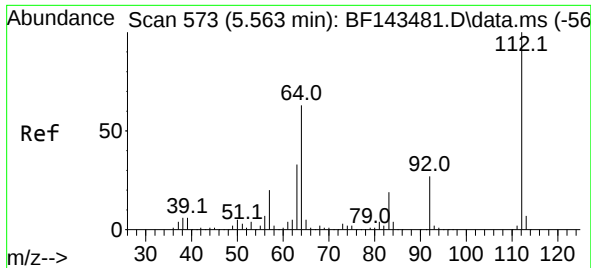
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#4
n-Nitrosodimethylamine
Concen: 49.176 ng
RT: 3.551 min Scan# 231
Delta R.T. 0.076 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 42 Resp: 209463
Ion Ratio Lower Upper
42 100
74 118.7 98.6 148.0
44 7.2 5.8 8.8





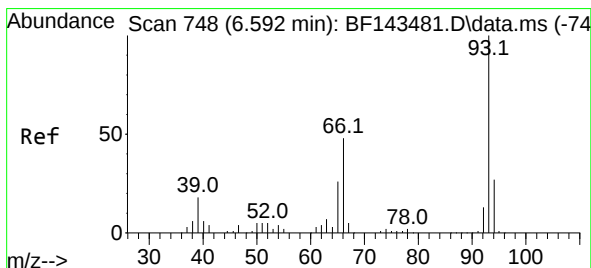
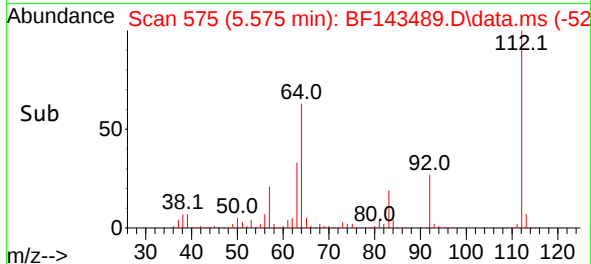
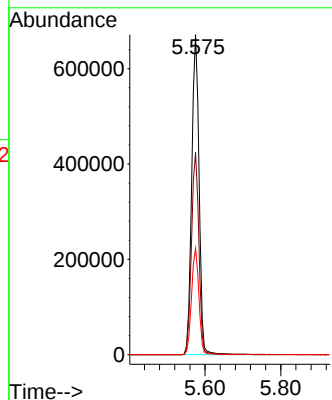
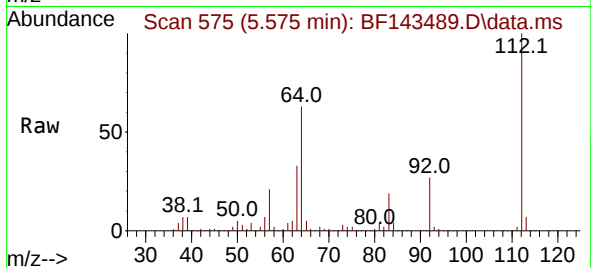
#5
2-Fluorophenol
Concen: 118.034 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :
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ClientSampleId :
PB169313BSD

Tgt Ion:112 Resp: 90643
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 33.1 26.4 39.6

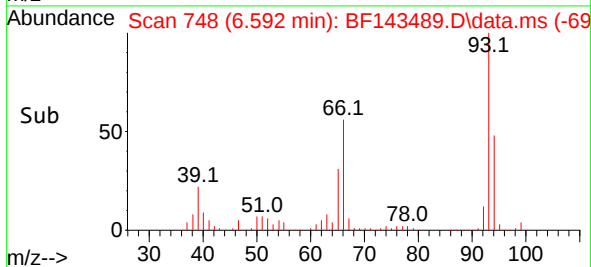
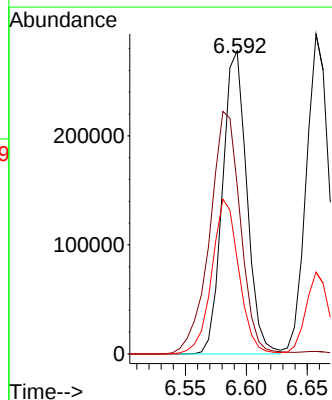
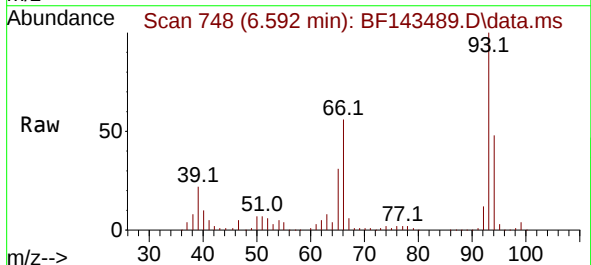
Manual Integrations
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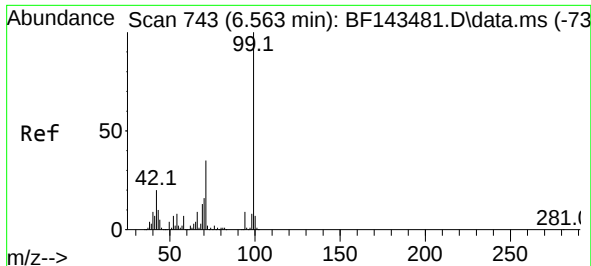
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#6
Aniline
Concen: 30.409 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

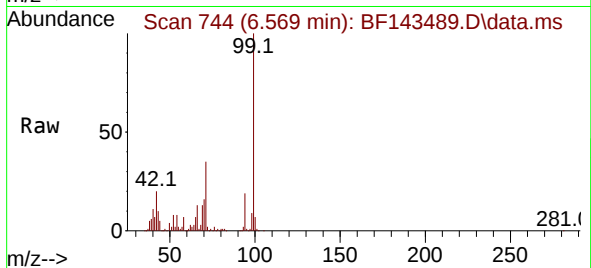
Tgt Ion: 93 Resp: 385324
Ion Ratio Lower Upper
93 100
66 55.7 38.9 58.3
65 31.2 20.6 30.8#





#7
Phenol-d6
Concen: 119.987 ng
RT: 6.569 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

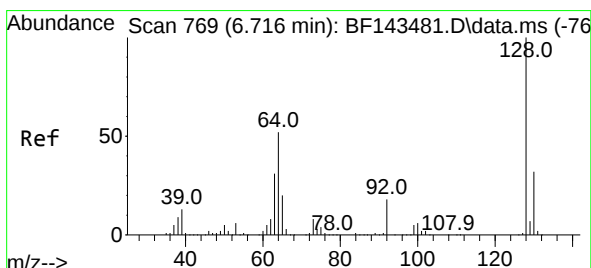
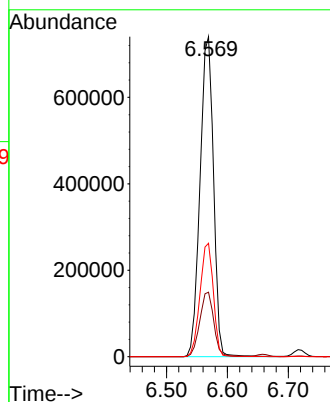
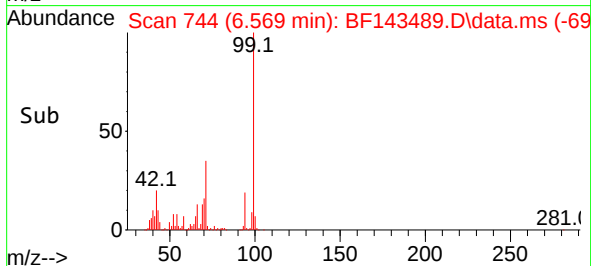
Instrument :
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Tgt Ion: 99 Resp: 1137459
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 35.4 28.2 42.2

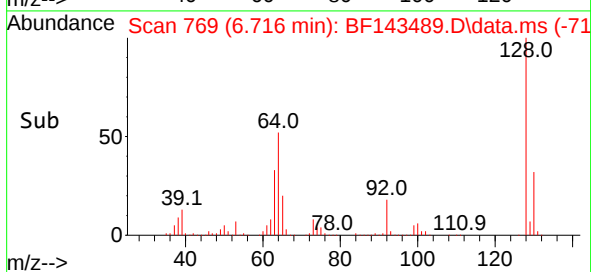
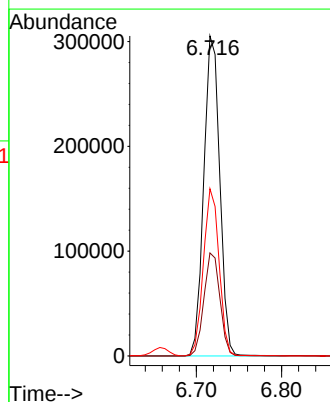
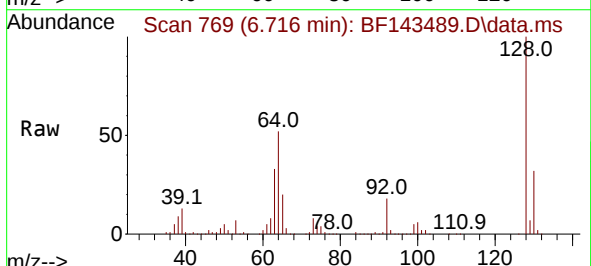
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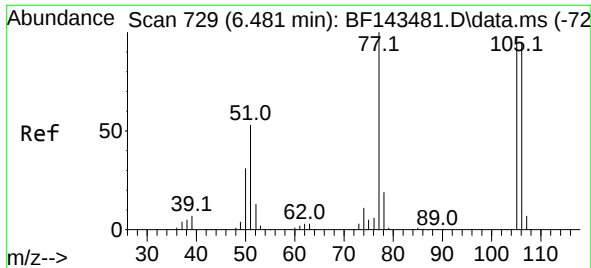
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#8
2-Chlorophenol
Concen: 46.915 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

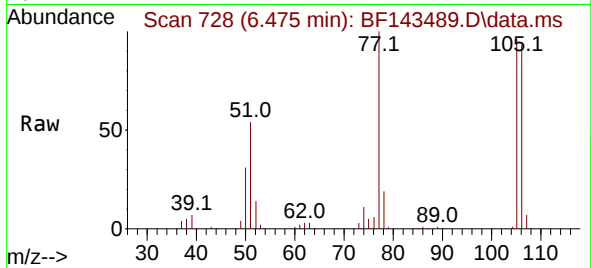
Tgt Ion:128 Resp: 397932
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.2 31.6 71.6





#9
Benzaldehyde
Concen: 26.658 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

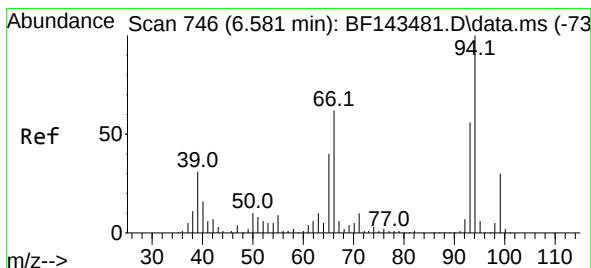
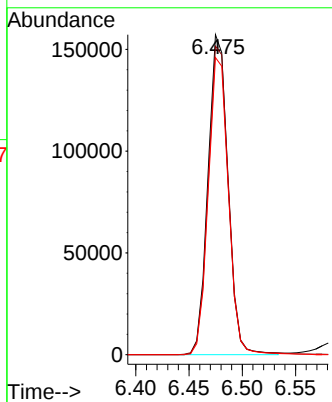
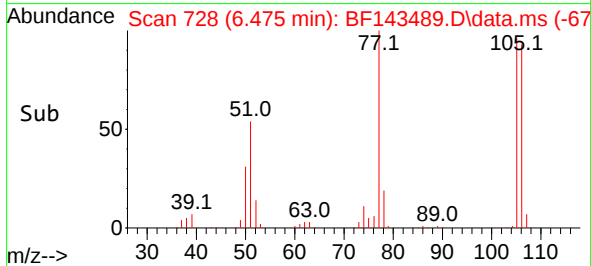
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 20460
Ion Ratio Lower Upper
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105 96.4 78.1 118.1
106 92.8 74.9 114.9

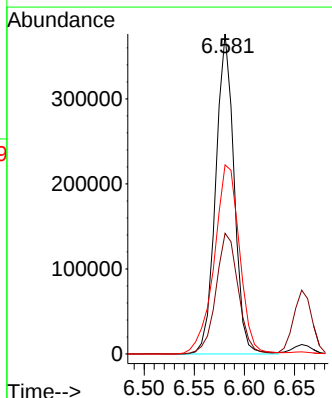
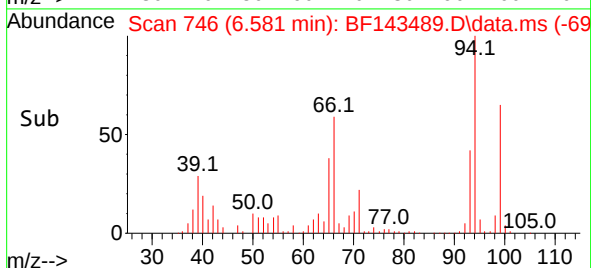
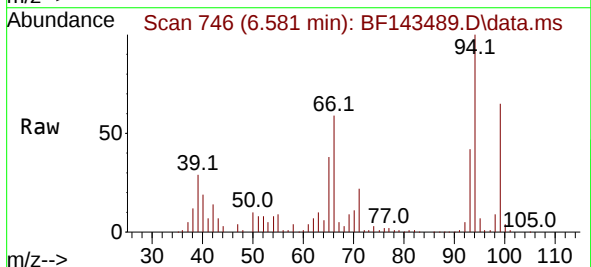
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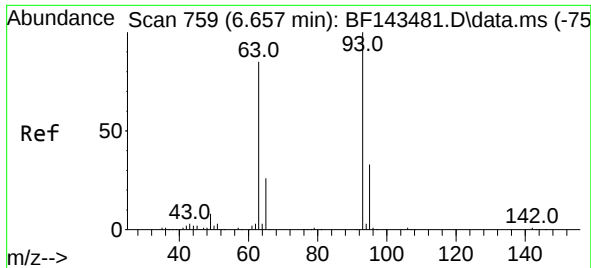
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#10
Phenol
Concen: 43.862 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion: 94 Resp: 479009
Ion Ratio Lower Upper
94 100
65 37.7 19.5 59.5
66 59.1 42.5 82.5





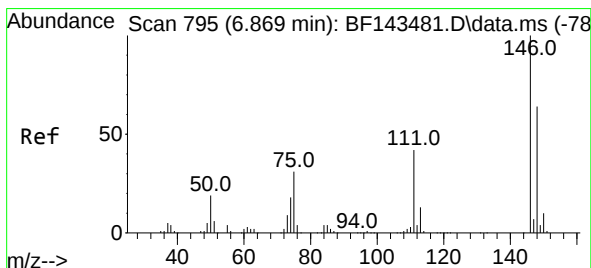
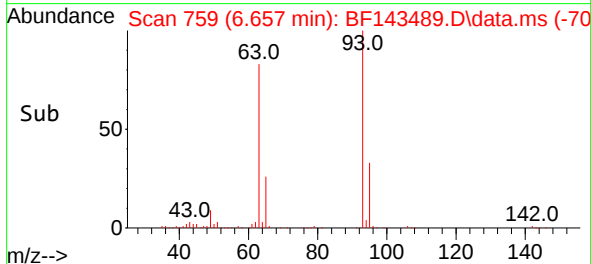
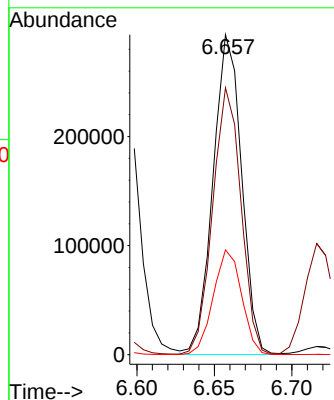
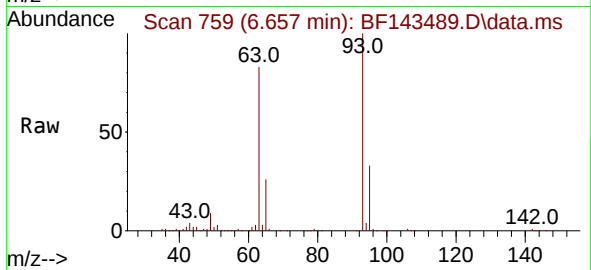
#11
bis(2-Chloroethyl)ether
Concen: 46.112 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Tgt Ion: 93 Resp: 37632
Ion Ratio Lower Upper
93 100
63 83.4 63.6 103.6
95 32.8 12.8 52.8

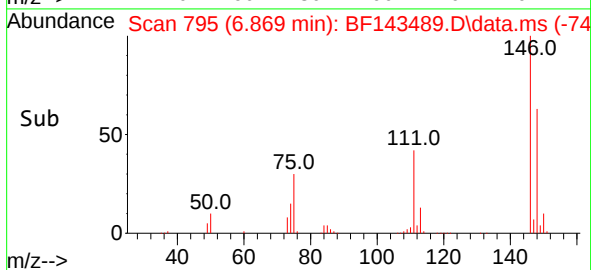
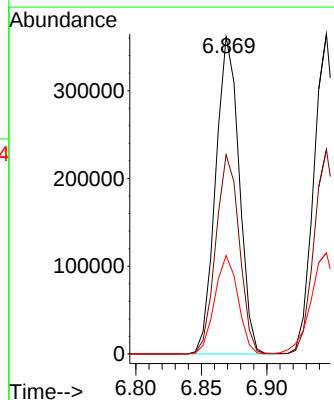
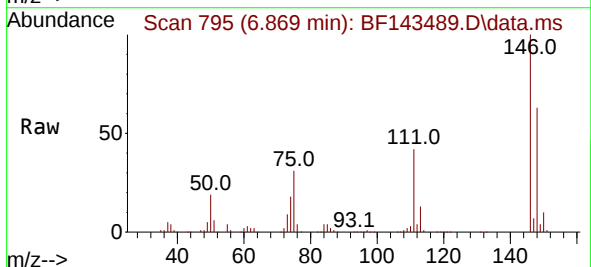
Manual Integrations
APPROVED

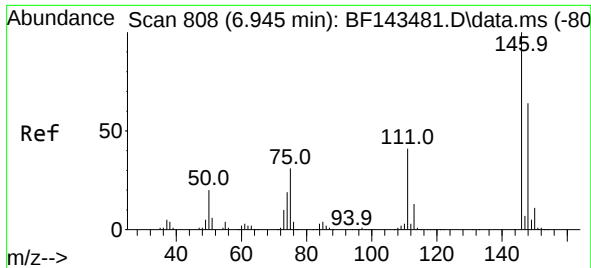
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#12
1,3-Dichlorobenzene
Concen: 47.232 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:146 Resp: 450136
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
75 31.0 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 47.068 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

Tgt Ion:146 Resp: 44996

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

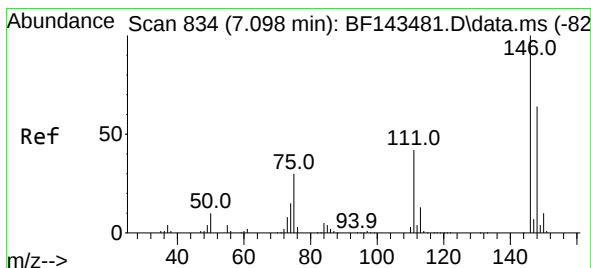
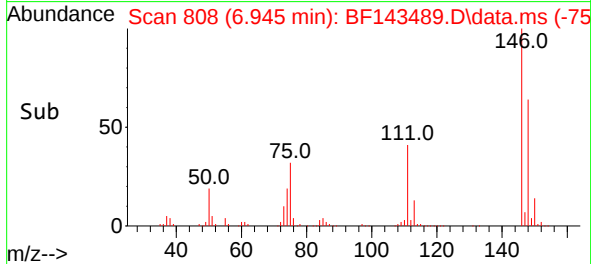
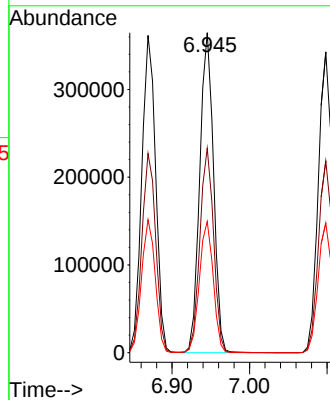
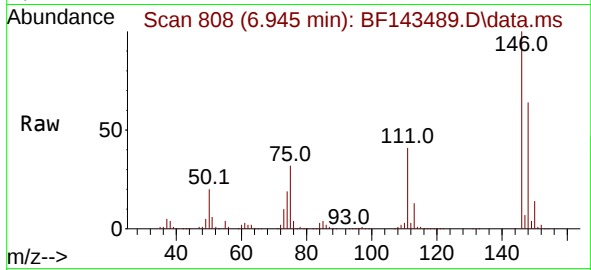
111 41.0 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#14

1,2-Dichlorobenzene

Concen: 47.598 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

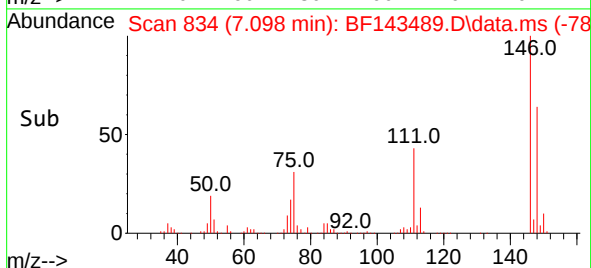
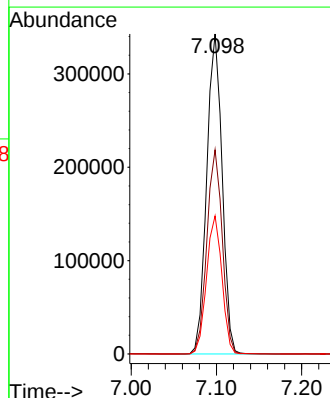
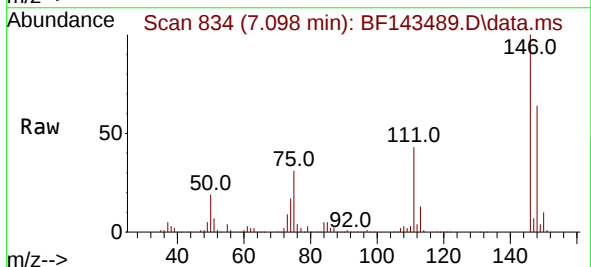
Tgt Ion:146 Resp: 430820

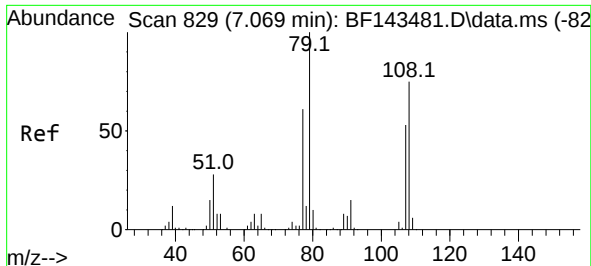
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

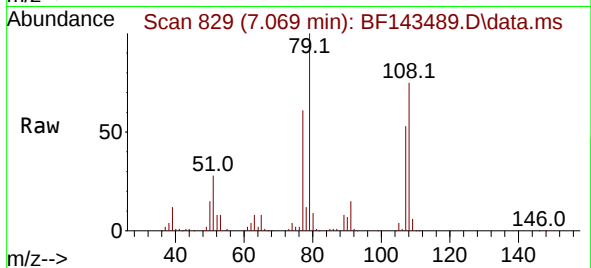
111 43.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 49.187 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

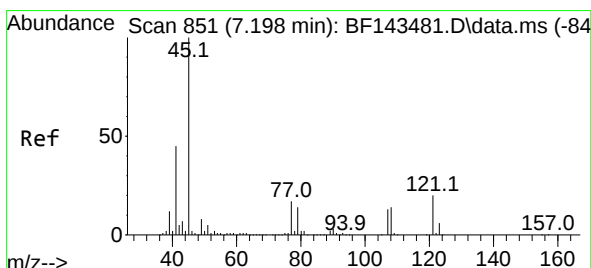
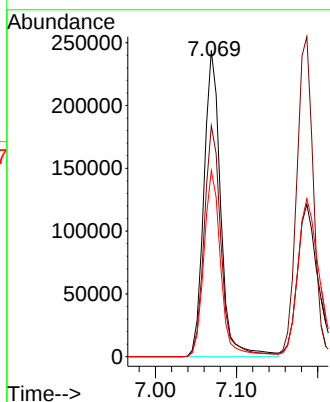
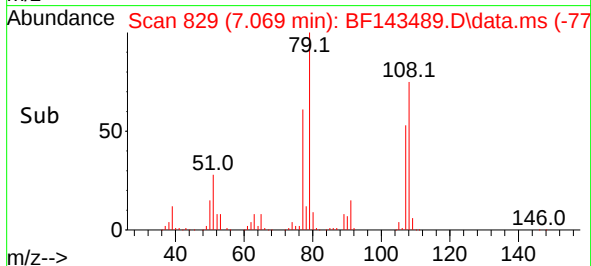
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion: 79 Resp: 34910
Ion Ratio Lower Upper
79 100
108 75.4 59.8 89.6
77 60.8 49.0 73.4

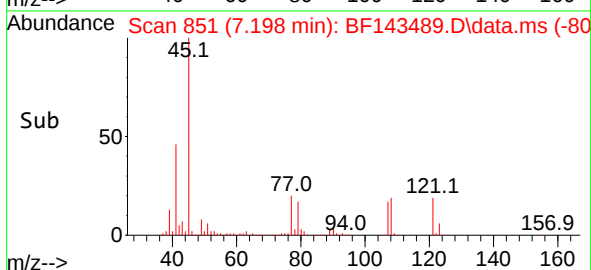
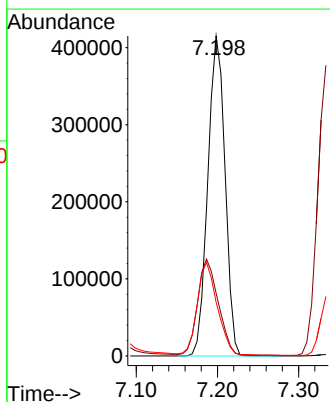
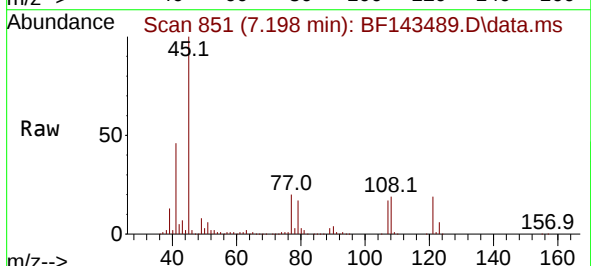
Manual Integrations
APPROVED

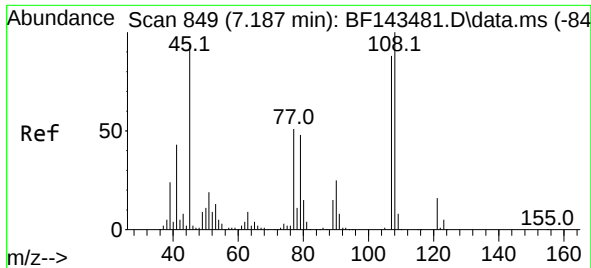
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.765 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

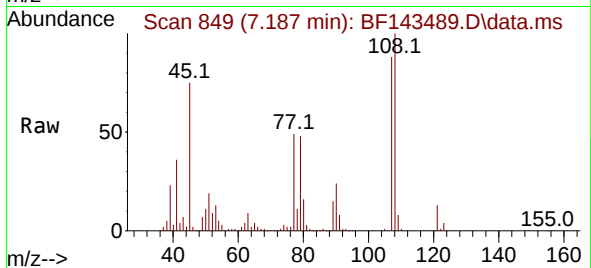
Tgt Ion: 45 Resp: 610573
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.9
79 16.8 0.0 34.7





#17
2-Methylphenol
Concen: 47.151 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

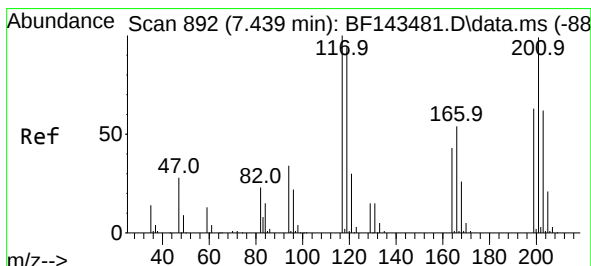
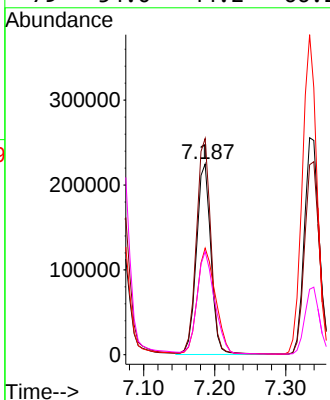
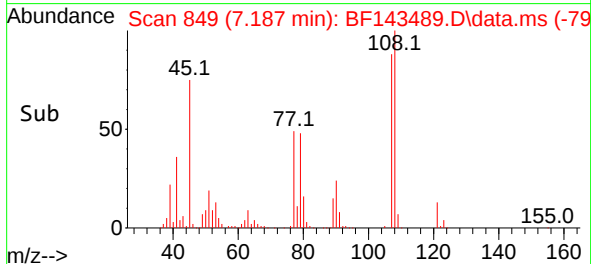
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:107 Resp: 320988
Ion Ratio Lower Upper
107 100
108 113.4 91.1 136.7
77 55.9 46.2 69.4
79 54.0 44.2 66.2

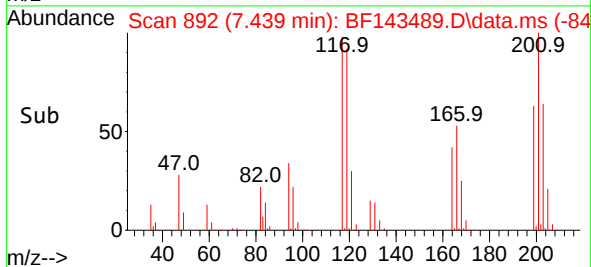
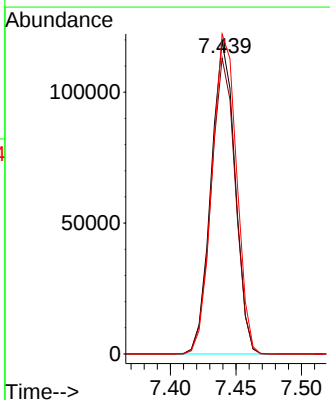
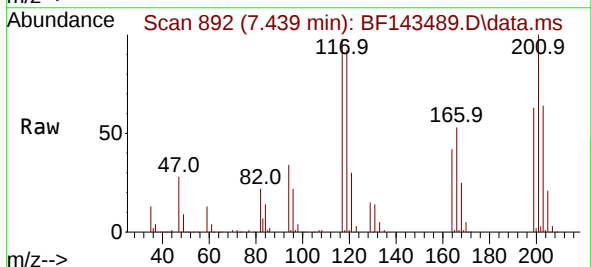
Manual Integrations
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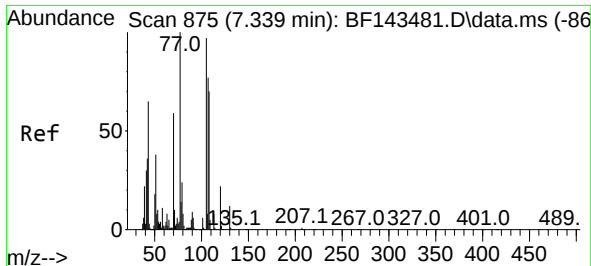
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#18
Hexachloroethane
Concen: 46.790 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:117 Resp: 152082
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0
201 102.4 79.0 118.4





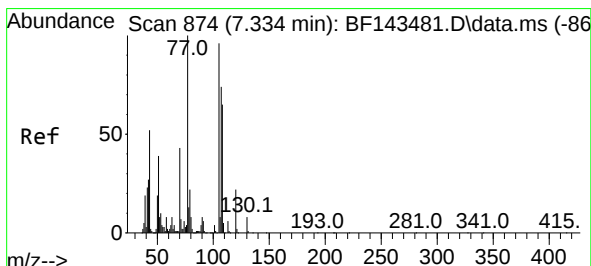
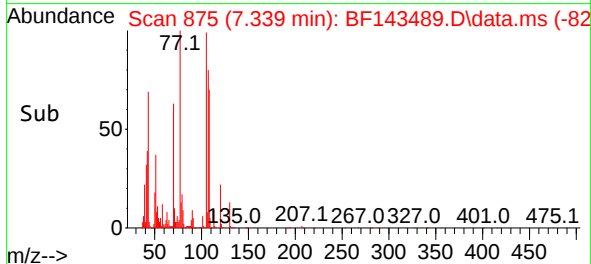
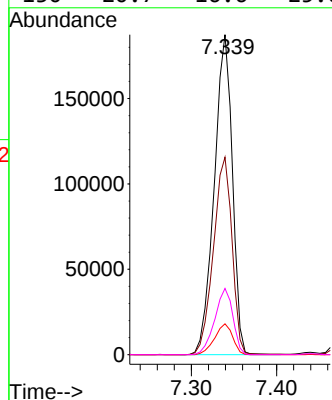
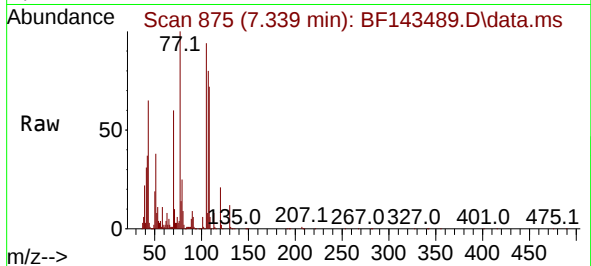
#19
n-Nitroso-di-n-propylamine
Concen: 47.817 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Tgt Ion: 70 Resp: 27706
Ion Ratio Lower Upper
70 100
42 61.7 49.3 73.9
101 9.6 7.8 11.8
130 20.7 16.6 25.0

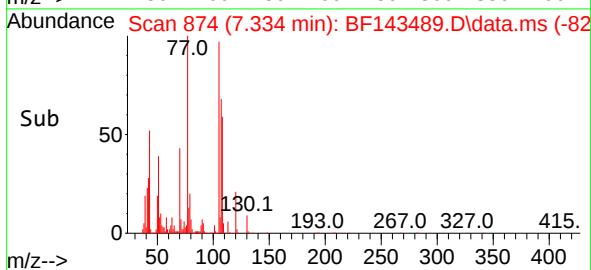
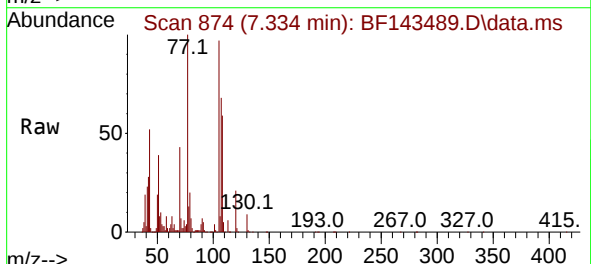
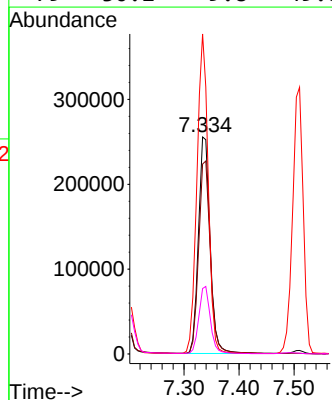
Manual Integrations
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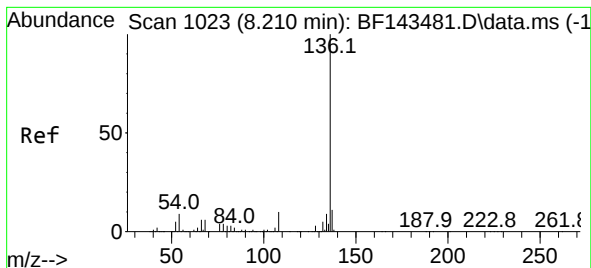
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#20
3+4-Methylphenols
Concen: 46.323 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

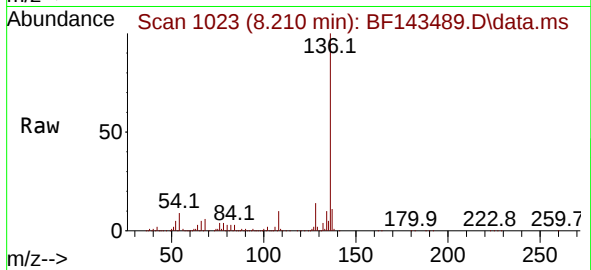
Tgt Ion:107 Resp: 376455
Ion Ratio Lower Upper
107 100
108 87.5 68.4 108.4
77 147.5 116.1 156.1
79 30.2 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

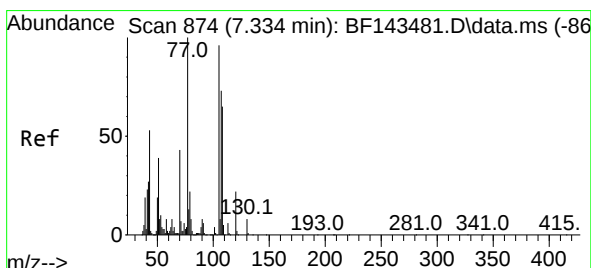
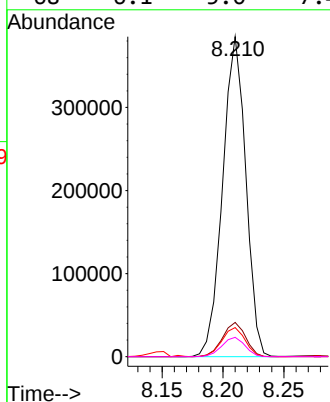
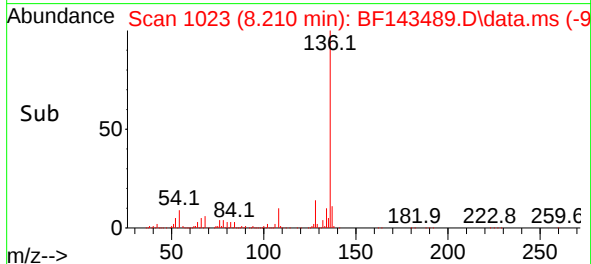
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



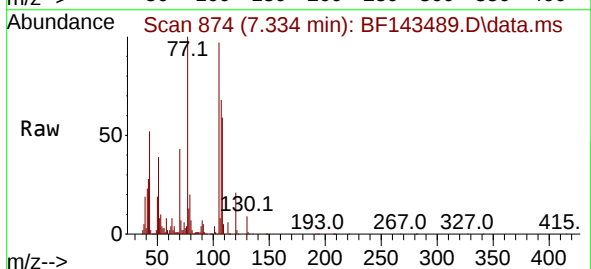
Tgt Ion:136 Resp: 510372
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.1 7.4 11.2
68 6.1 5.0 7.4

Manual Integrations
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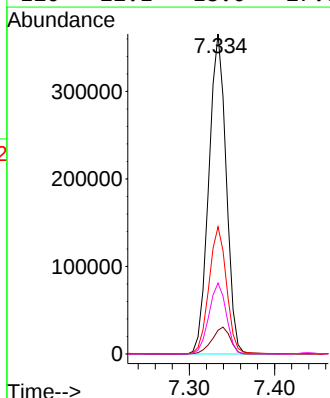
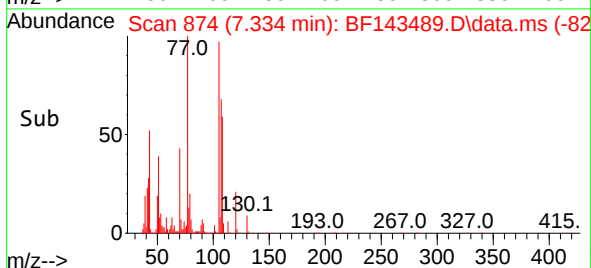
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

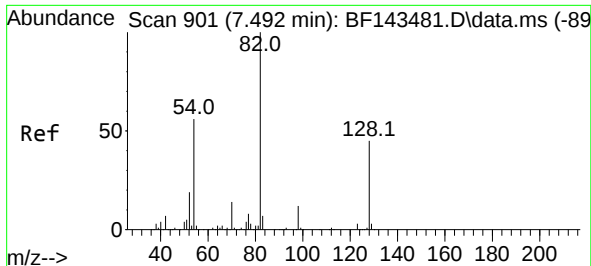


#22
Acetophenone
Concen: 46.964 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:105 Resp: 517836
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 39.7 32.5 48.7
120 22.1 18.0 27.0





#23

Nitrobenzene-d5

Concen: 87.211 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

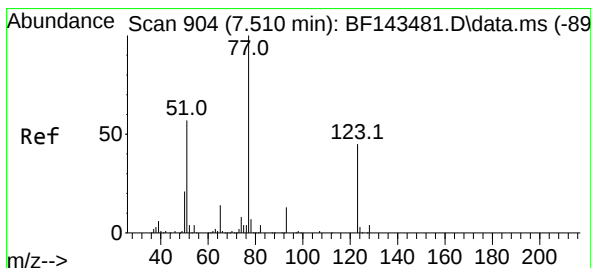
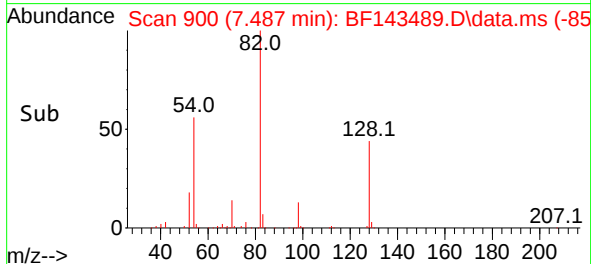
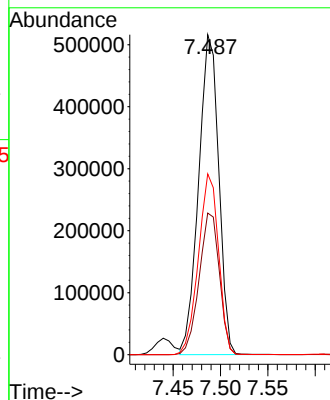
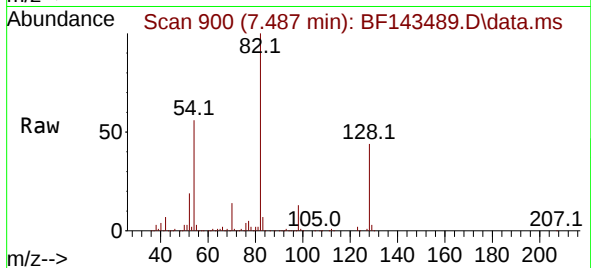
Tgt Ion: 82 Resp: 76274
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.5 53.3
 54 56.5 44.3 66.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#24

Nitrobenzene

Concen: 46.754 ng

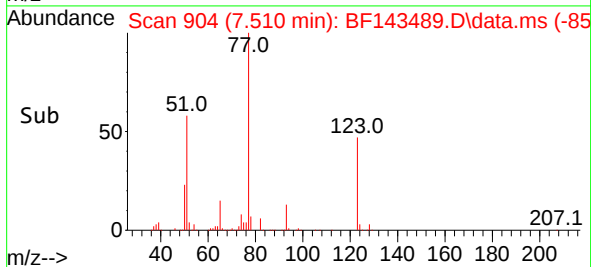
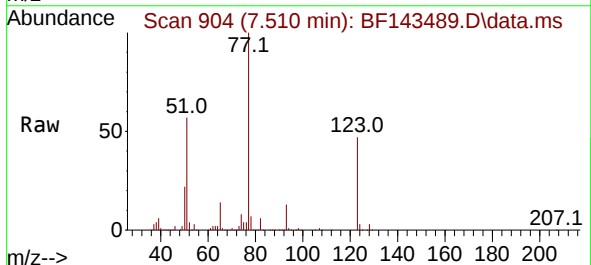
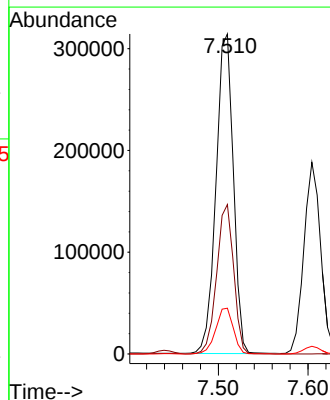
RT: 7.510 min Scan# 904

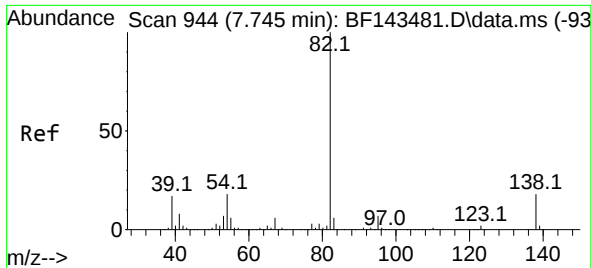
Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

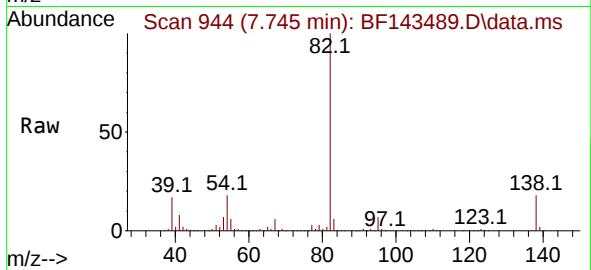
Tgt Ion: 77 Resp: 420860
 Ion Ratio Lower Upper
 77 100
 123 46.7 36.1 54.1
 65 14.3 11.0 16.6





#25
Isophorone
Concen: 48.706 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

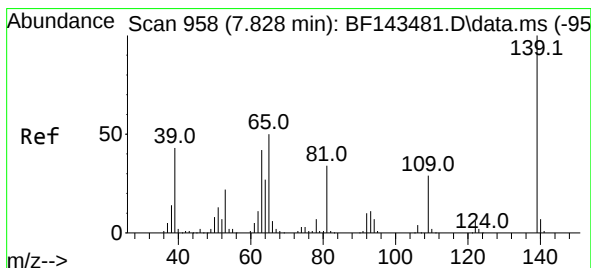
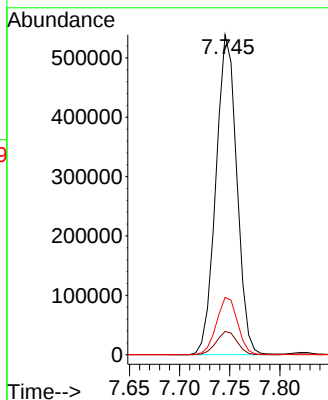
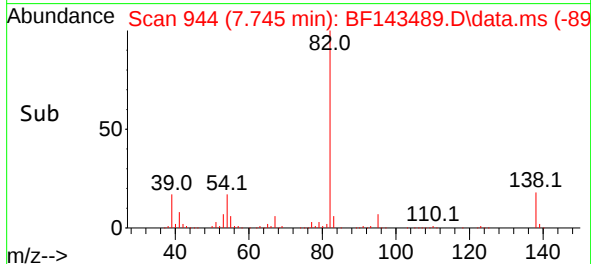
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



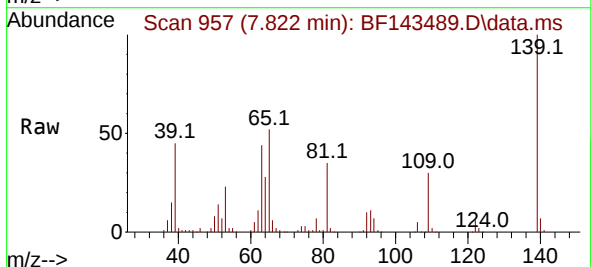
Tgt Ion: 82 Resp: 780874
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.9 14.2 21.4

Manual Integrations
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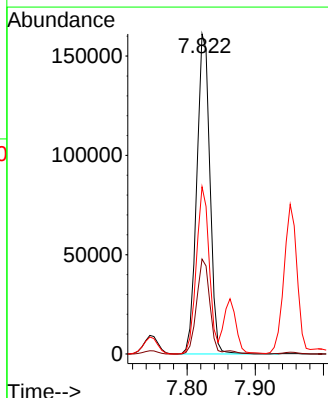
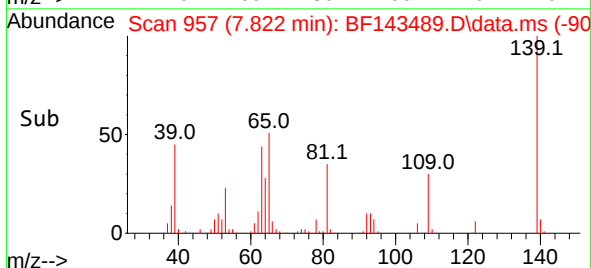
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

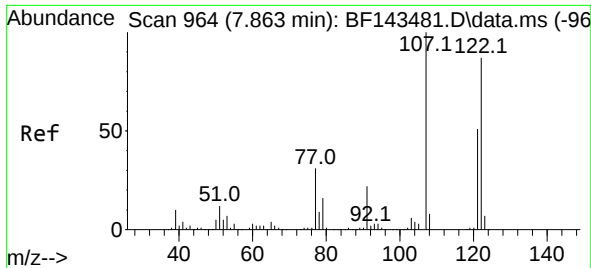


#26
2-Nitrophenol
Concen: 48.857 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:139 Resp: 215430
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.6
65 52.3 40.3 60.5





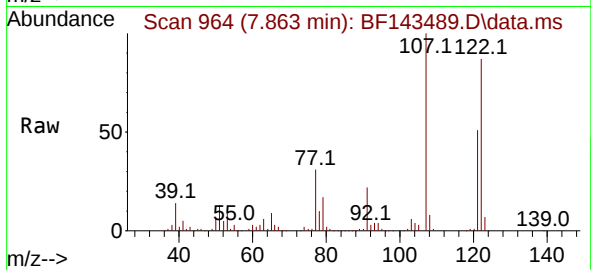
#27
2,4-Dimethylphenol
Concen: 49.375 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD



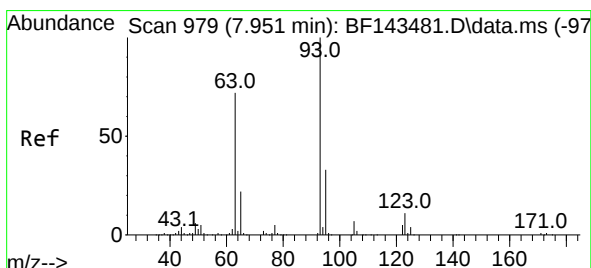
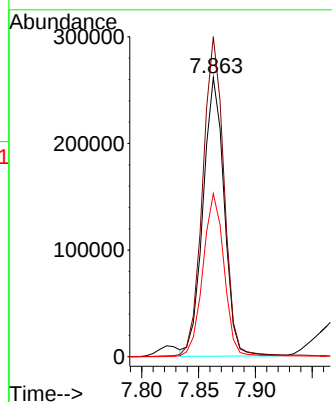
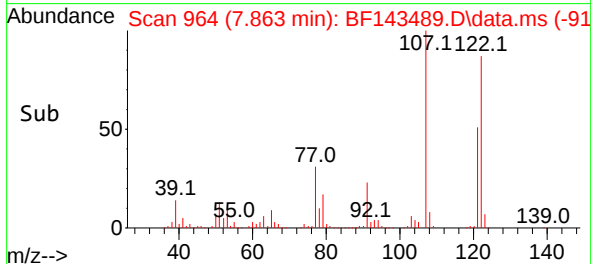
Tgt Ion:122 Resp: 33938
Ion Ratio Lower Upper
122 100
107 114.6 91.5 137.3
121 58.4 47.0 70.4

Manual Integrations

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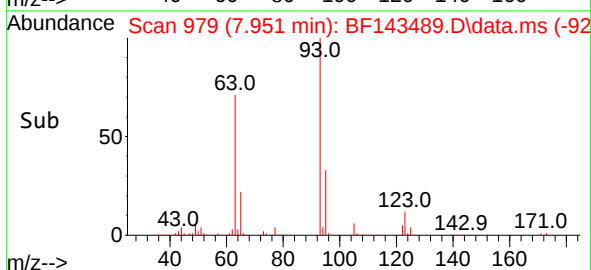
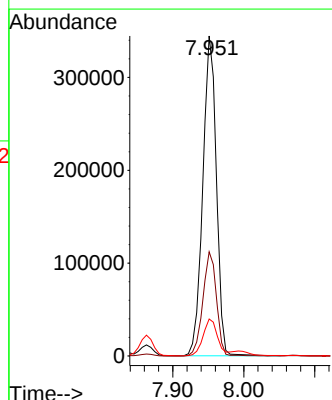
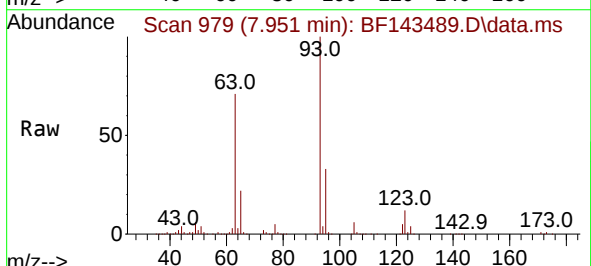
Reviewed By :Rahul Chavli 08/21/2025

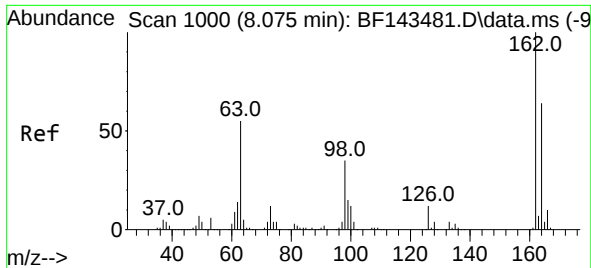
Supervised By :Jagrut Upadhyay 08/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.615 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

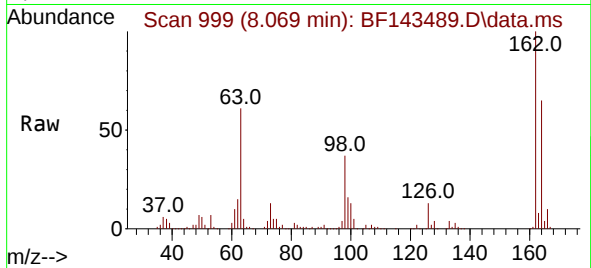
Tgt Ion: 93 Resp: 459281
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 45.257 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

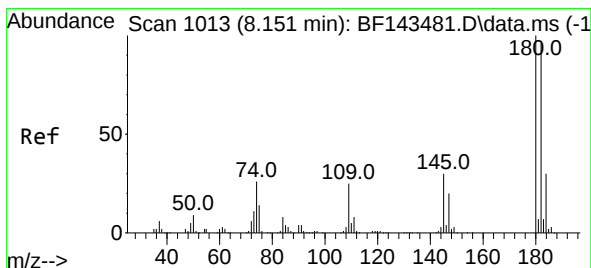
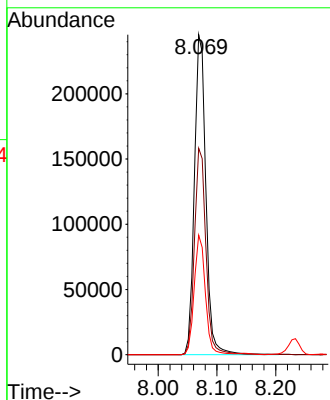
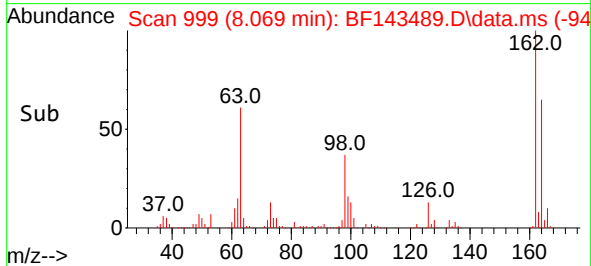
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



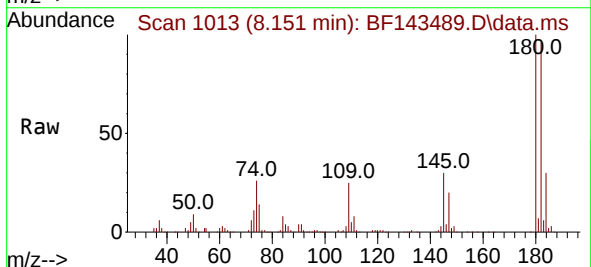
Tgt Ion:162 Resp: 332230
Ion Ratio Lower Upper
162 100
164 64.5 43.5 83.5
98 37.4 15.1 55.1

Manual Integrations
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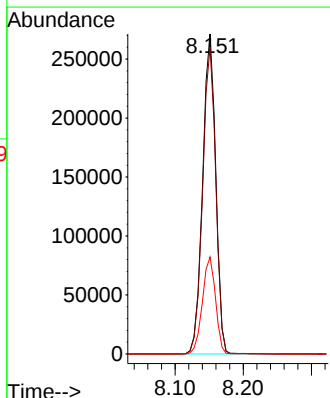
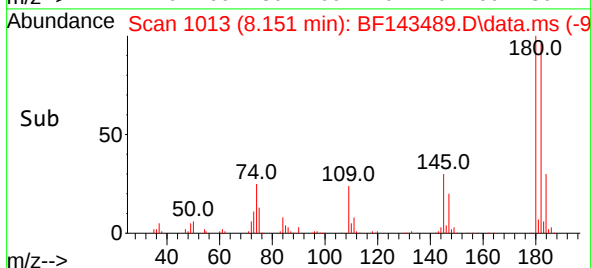
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

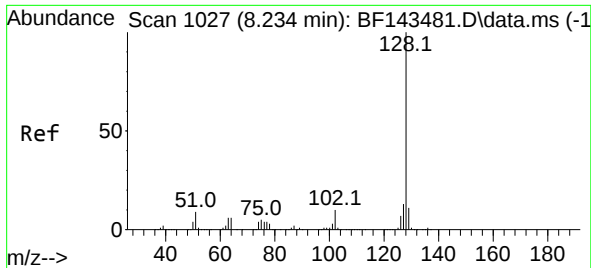


#30
1,2,4-Trichlorobenzene
Concen: 48.021 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:180 Resp: 362445
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 30.3 24.3 36.5





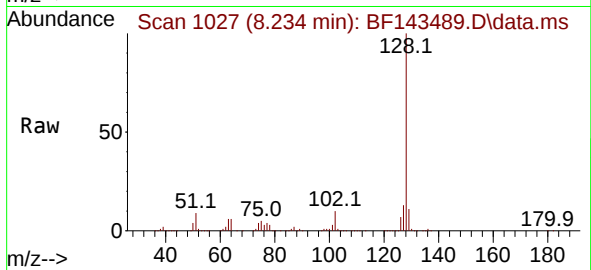
#31
Naphthalene
Concen: 44.842 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD



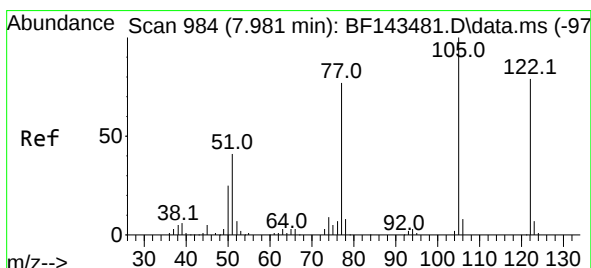
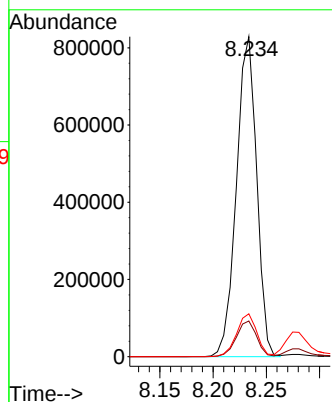
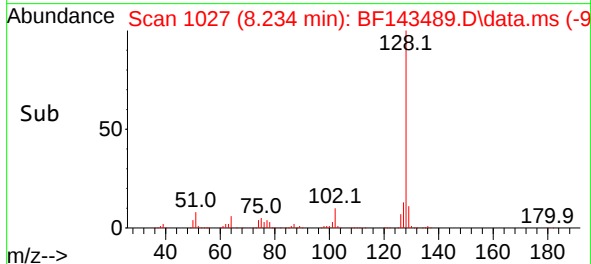
Tgt Ion:128 Resp: 1098754
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations

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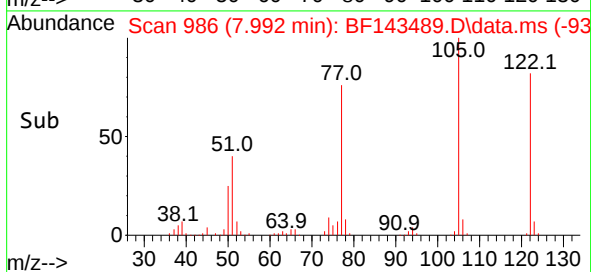
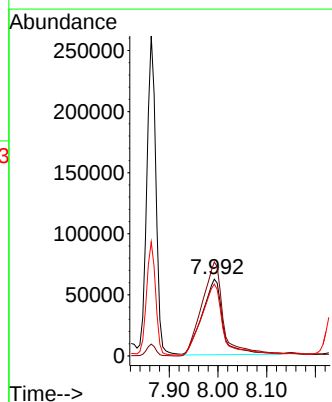
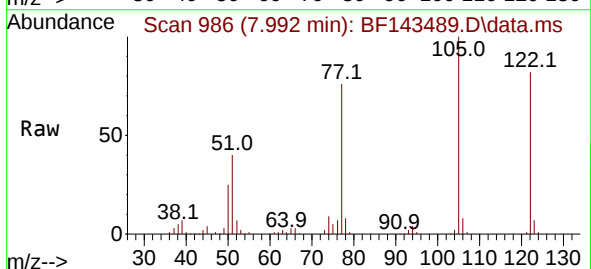
Reviewed By :Rahul Chavli 08/21/2025

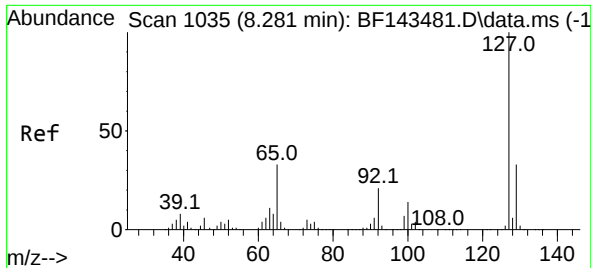
Supervised By :Jagrut Upadhyay 08/21/2025



#32
Benzoic acid
Concen: 47.268 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.018 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

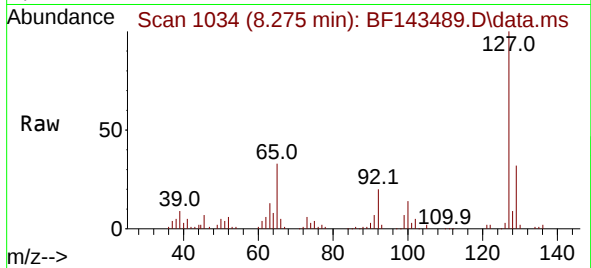
Tgt Ion:122 Resp: 184125
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 93.5 77.3 117.3





#33
4-Chloroaniline
Concen: 12.885 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

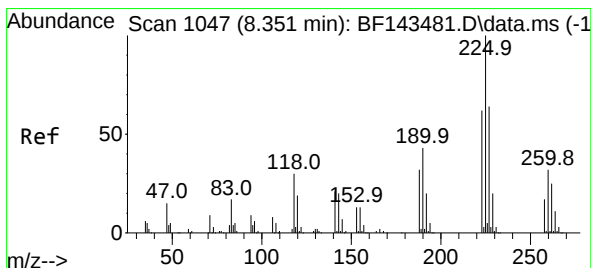
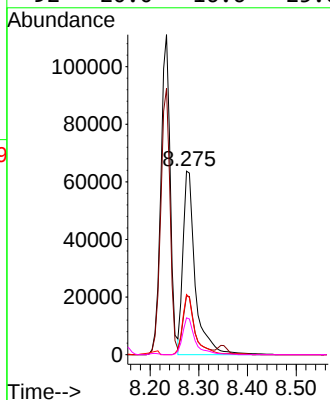
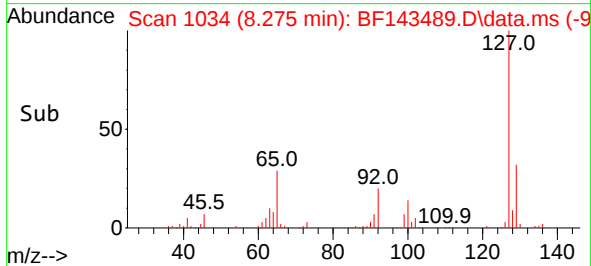
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:127 Resp: 11206
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 32.8 26.2 39.2
92 20.0 16.6 25.0

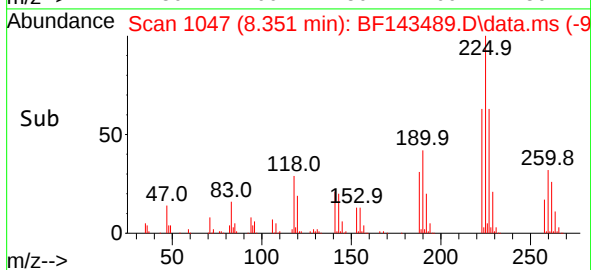
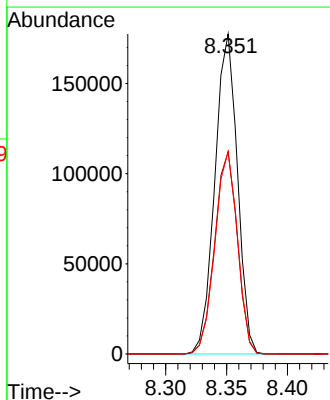
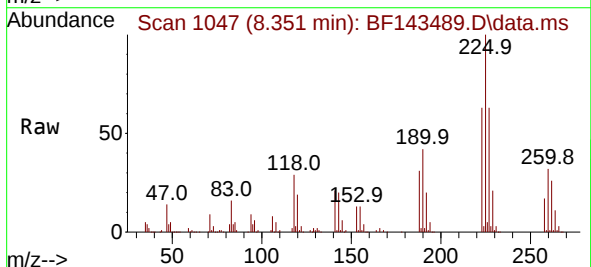
Manual Integrations
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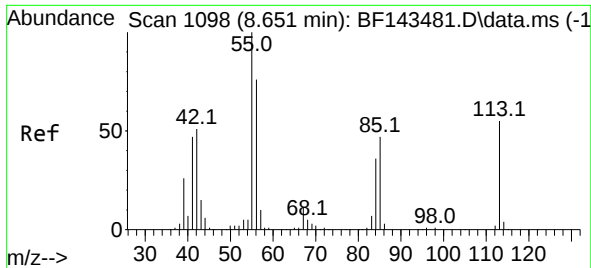
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#34
Hexachlorobutadiene
Concen: 46.451 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

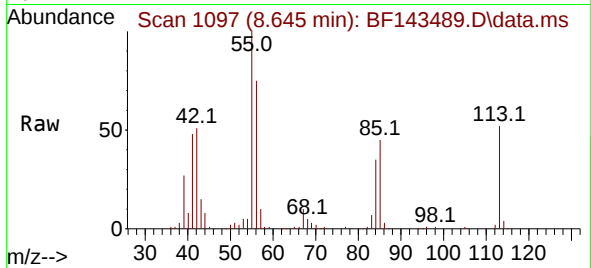
Tgt Ion:225 Resp: 228735
Ion Ratio Lower Upper
225 100
223 63.2 49.9 74.9
227 63.2 50.9 76.3





#35
 Caprolactam
 Concen: 52.098 ng m
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.029 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

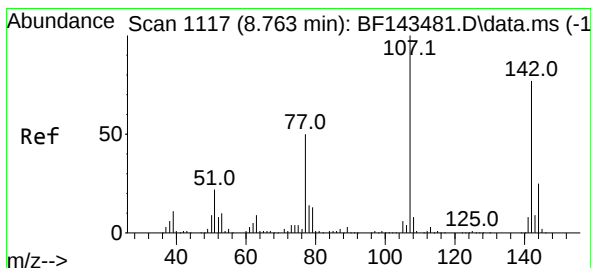
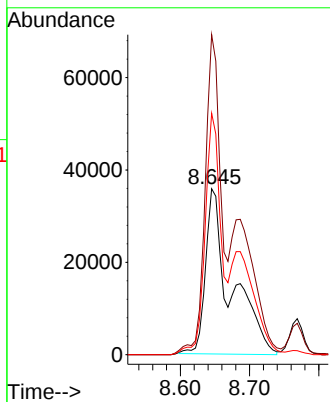
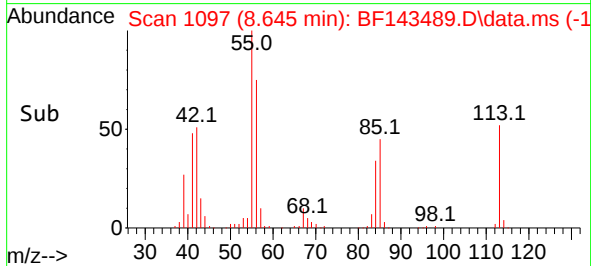
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD



Tgt Ion:113 Resp: 9177
 Ion Ratio Lower Upper
 113 100
 55 192.8 162.8 202.8
 56 145.5 118.1 158.1

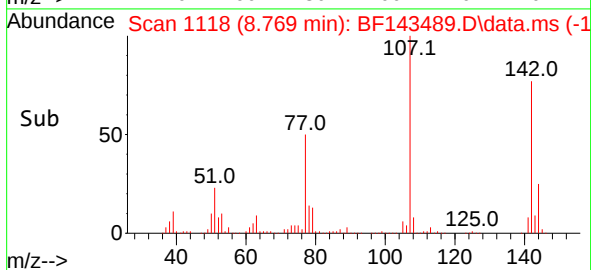
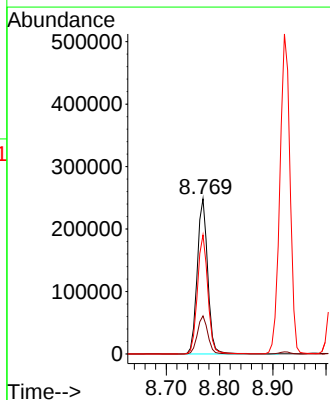
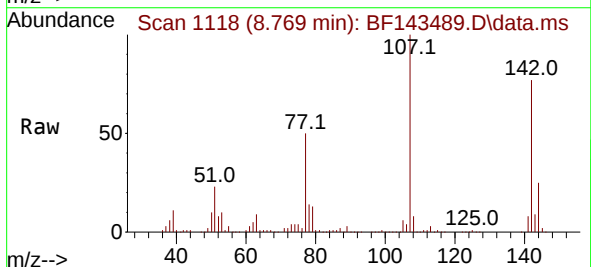
Manual Integrations
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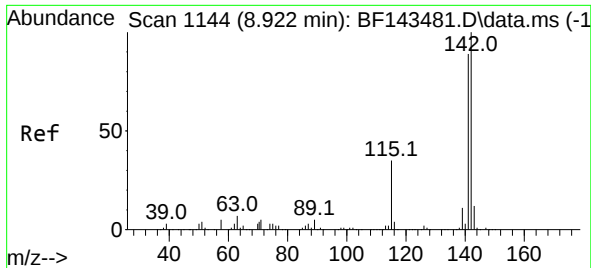
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025



#36
 4-Chloro-3-methylphenol
 Concen: 46.145 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

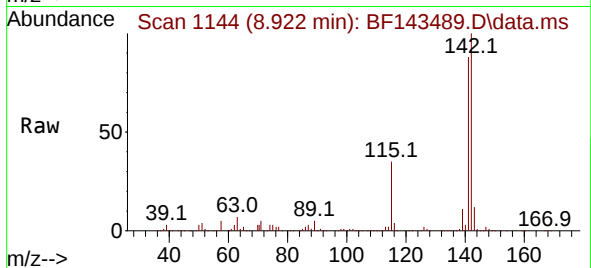
Tgt Ion:107 Resp: 339481
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.9 29.9
 142 76.7 61.8 92.8





#37
2-Methylnaphthalene
Concen: 41.162 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

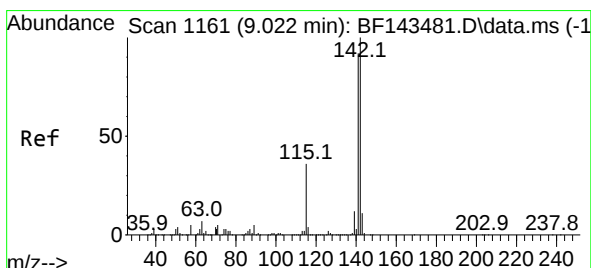
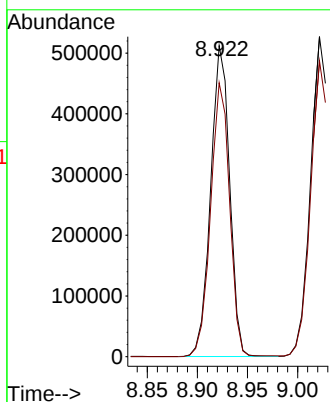
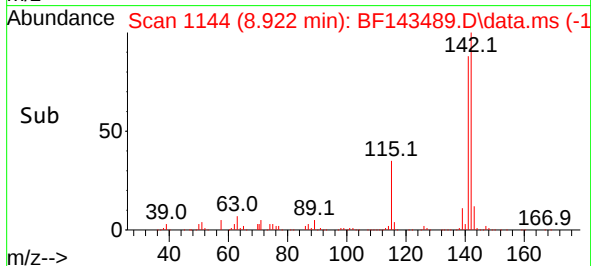
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:142 Resp: 673610
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4

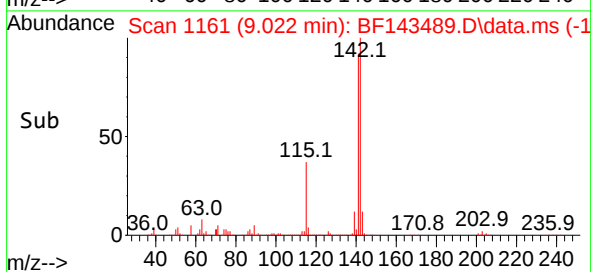
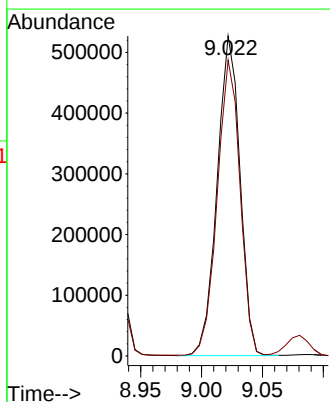
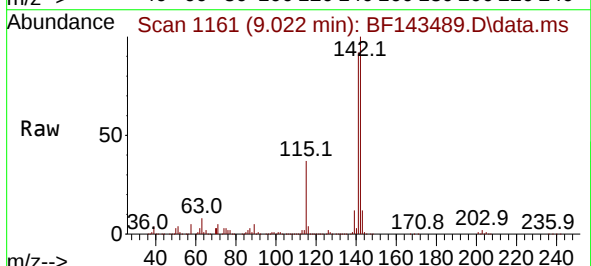
Manual Integrations
APPROVED

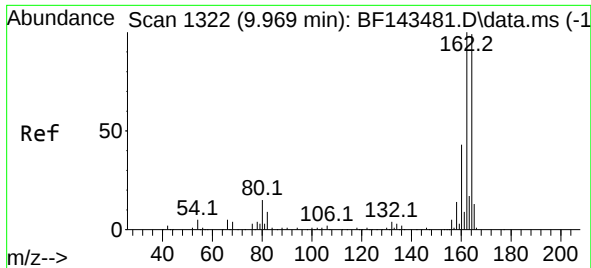
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#38
1-Methylnaphthalene
Concen: 43.887 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

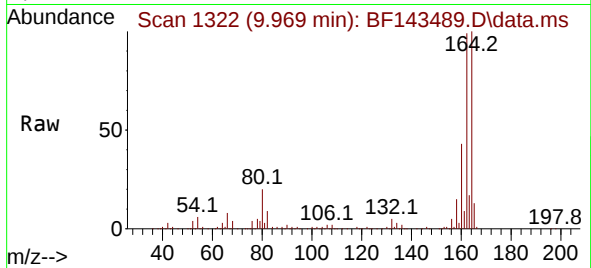
Tgt Ion:142 Resp: 687011
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

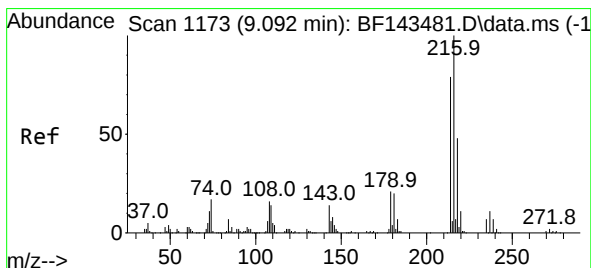
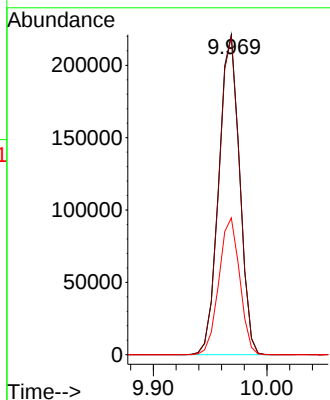
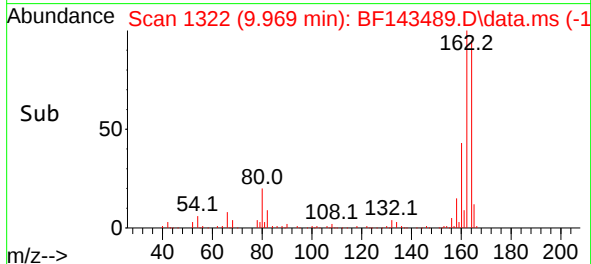
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



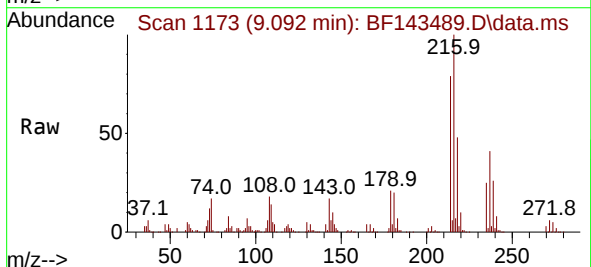
Tgt Ion:164 Resp: 281230
Ion Ratio Lower Upper
164 100
162 99.3 80.5 120.7
160 42.8 34.3 51.5

Manual Integrations
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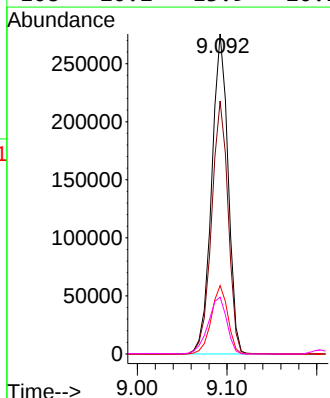
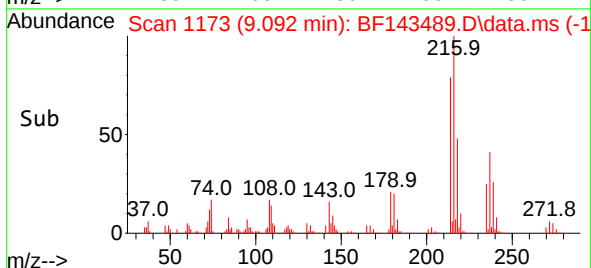
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

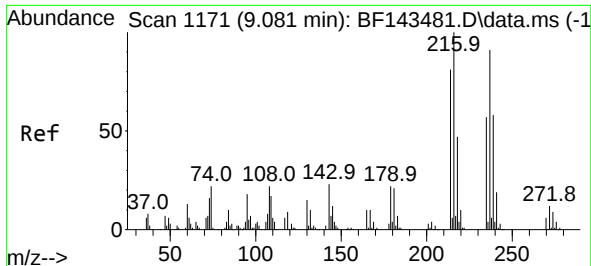


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.584 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



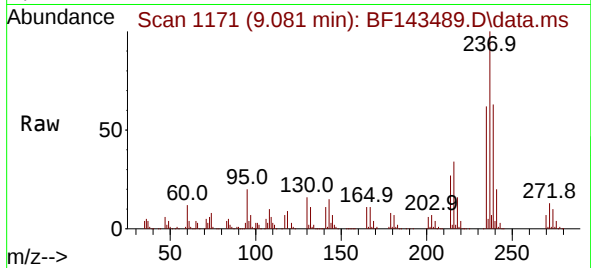
Tgt Ion:216 Resp: 350599
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 21.3 16.5 24.7
108 20.2 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 123.098 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

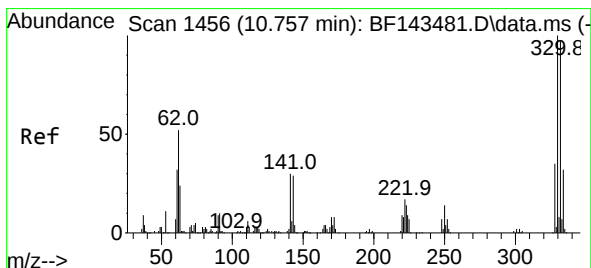
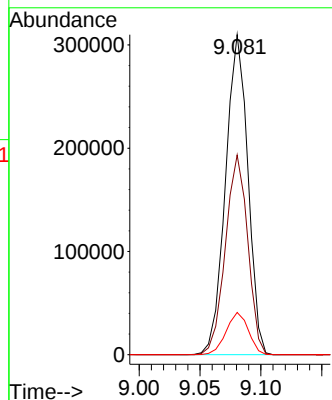
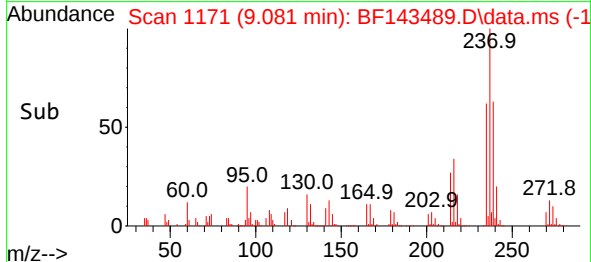
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



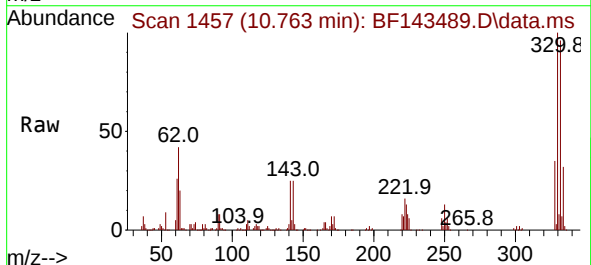
Tgt Ion:237 Resp: 39656
Ion Ratio Lower Upper
237 100
235 62.4 42.6 82.6
272 13.2 0.0 33.4

Manual Integrations
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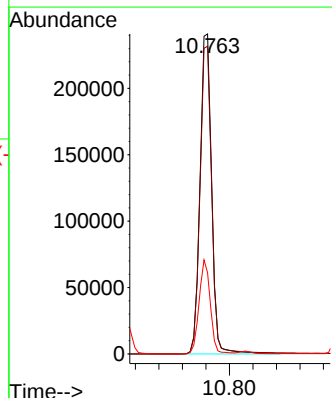
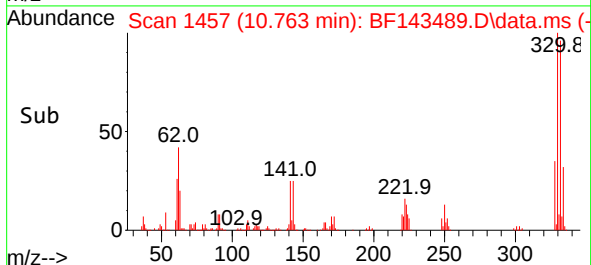
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

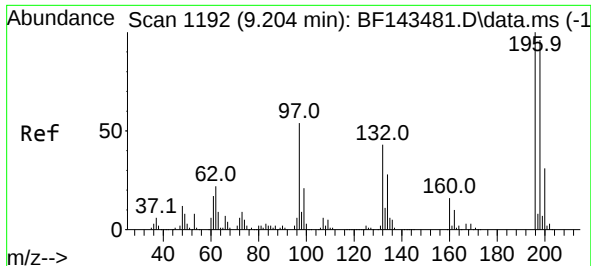


#42
2,4,6-Tribromophenol
Concen: 126.594 ng
RT: 10.763 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



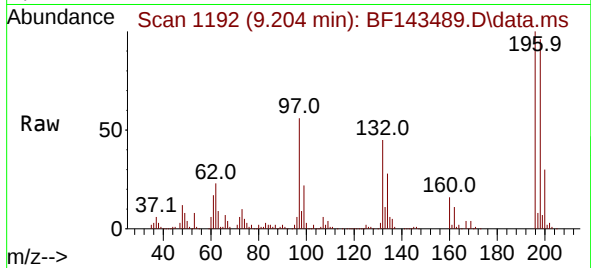
Tgt Ion:330 Resp: 331402
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 28.3 23.7 35.5





#43
2,4,6-Trichlorophenol
Concen: 45.696 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

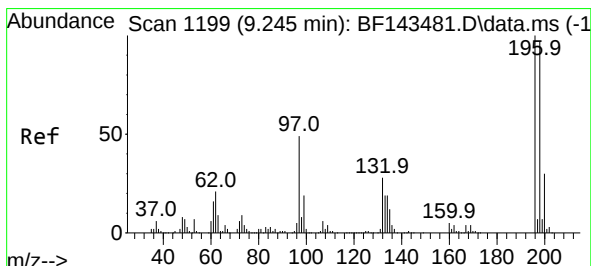
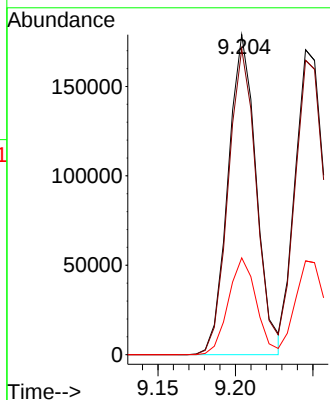
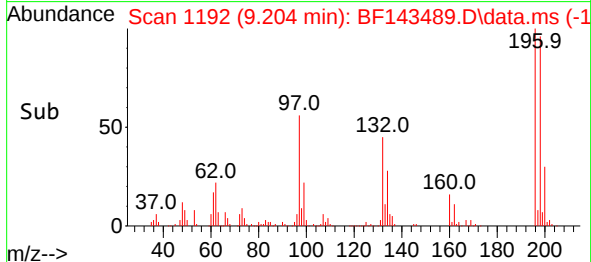
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



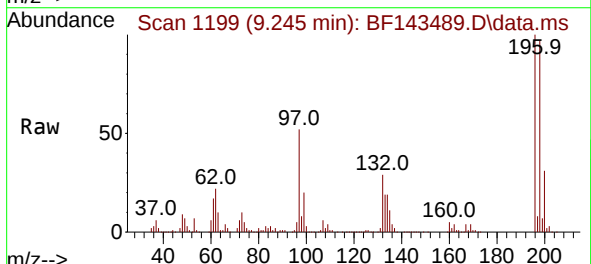
Tgt Ion:196 Resp: 226180
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
200 30.2 24.6 37.0

Manual Integrations
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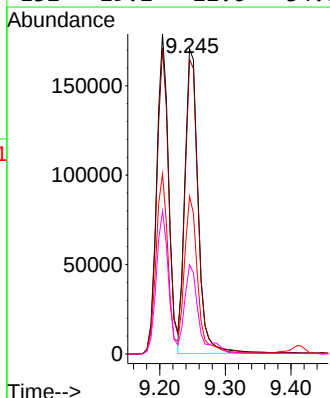
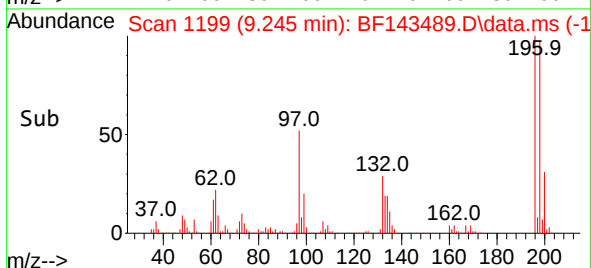
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

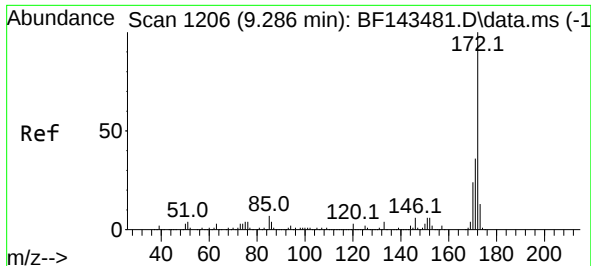


#44
2,4,5-Trichlorophenol
Concen: 43.985 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



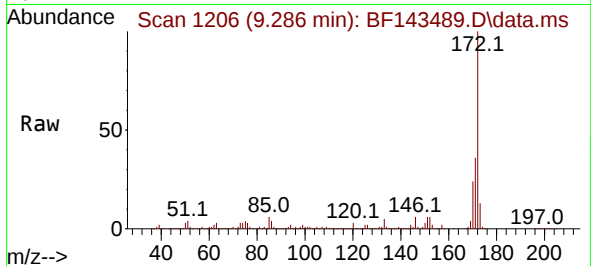
Tgt Ion:196 Resp: 237819
Ion Ratio Lower Upper
196 100
198 96.5 77.3 115.9
97 51.7 40.0 60.0
132 29.2 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 81.403 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

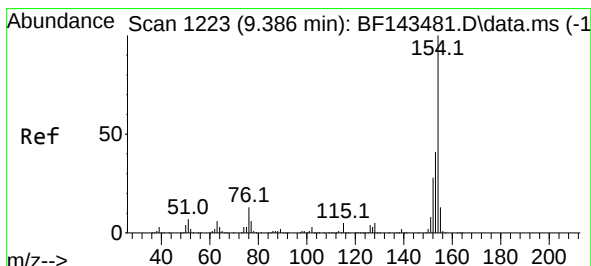
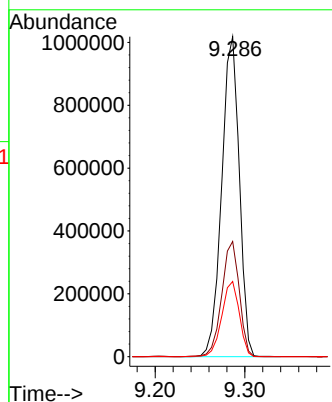
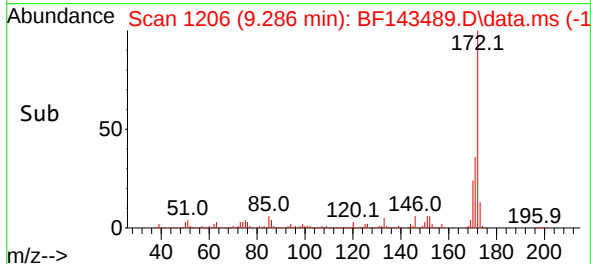
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



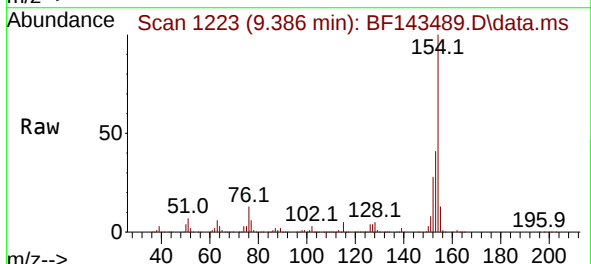
Tgt Ion:172 Resp: 1385209
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2

Manual Integrations
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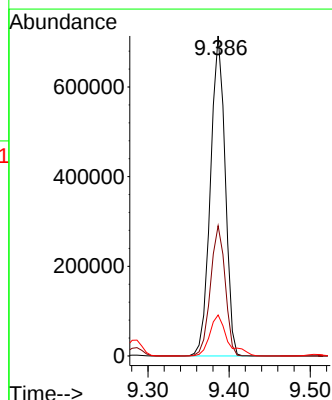
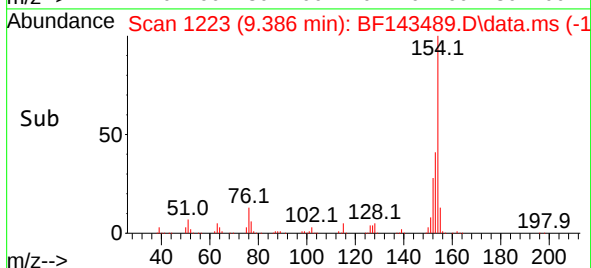
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

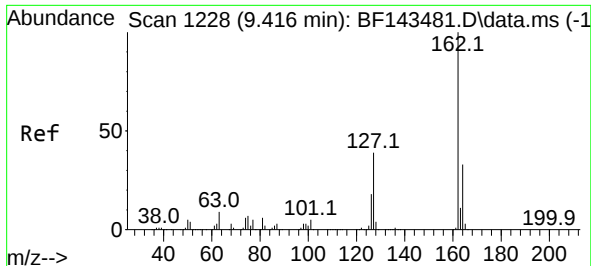


#46
1,1'-Biphenyl
Concen: 44.948 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:154 Resp: 897223
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 44.358 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

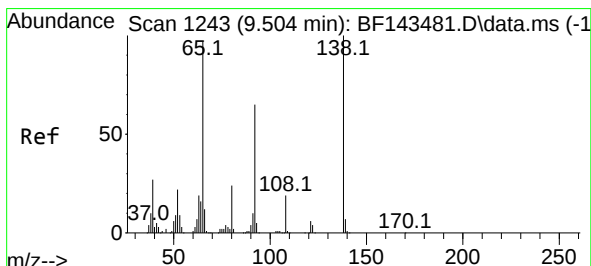
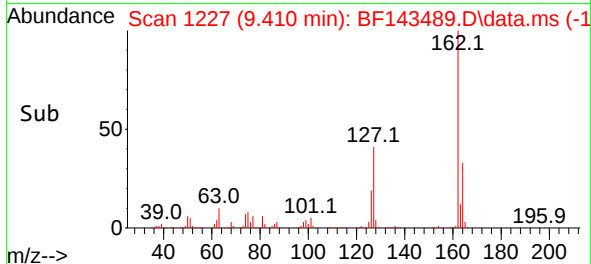
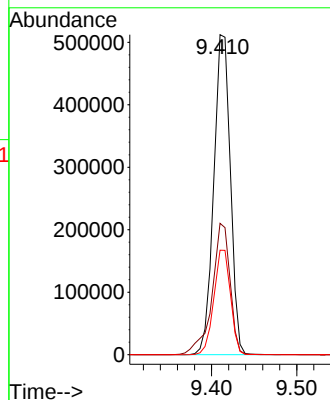
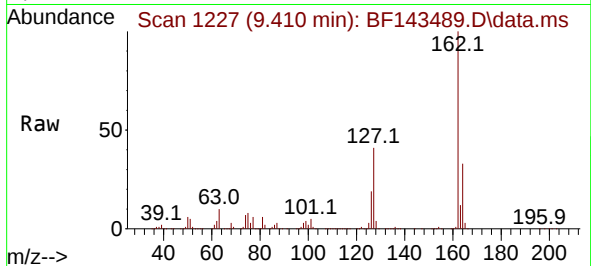
Tgt Ion:162 Resp: 694733
 Ion Ratio Lower Upper
 162 100
 127 41.0 31.8 47.6
 164 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#48

2-Nitroaniline

Concen: 47.469 ng

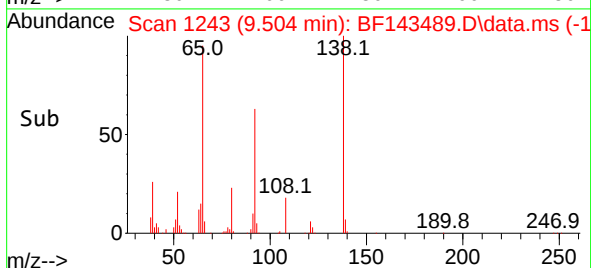
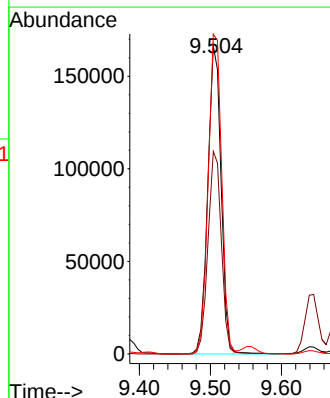
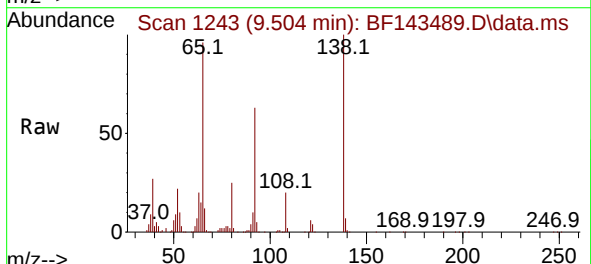
RT: 9.504 min Scan# 1243

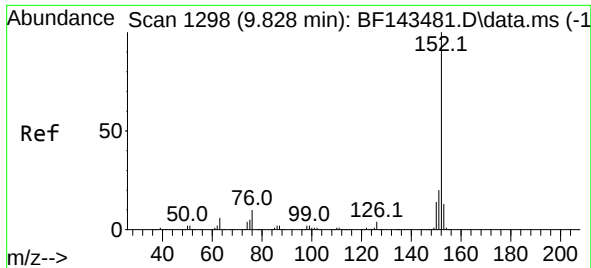
Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

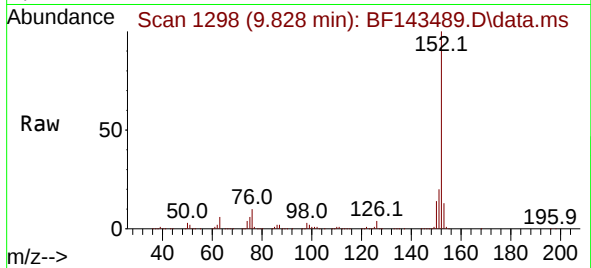
Tgt Ion: 65 Resp: 217580
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.8 80.6
 138 103.8 82.4 123.6





#49
Acenaphthylene
Concen: 50.014 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

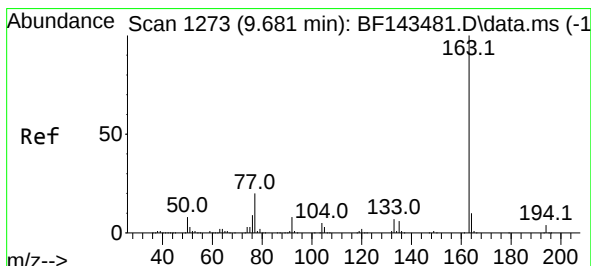
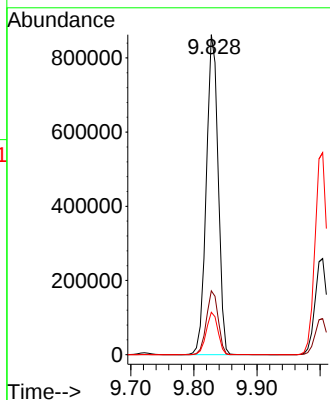
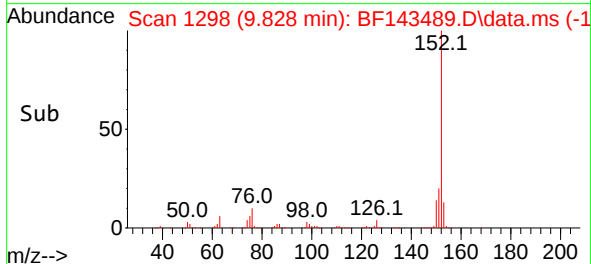
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



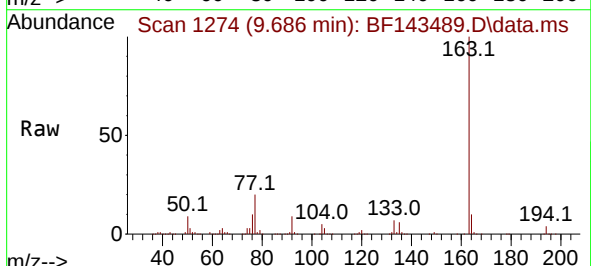
Tgt Ion:152 Resp: 112158
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.6 15.8

Manual Integrations
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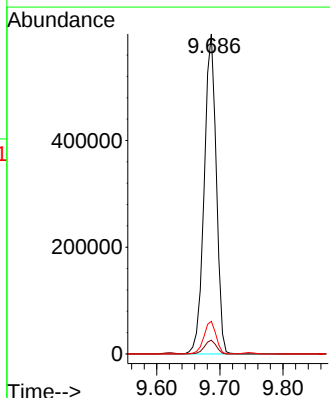
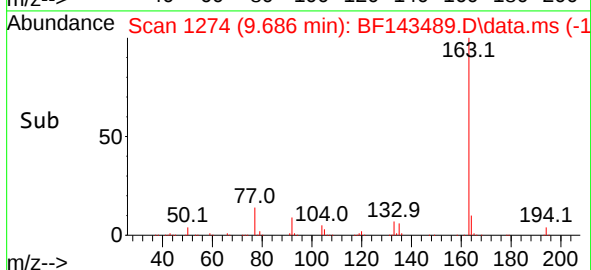
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

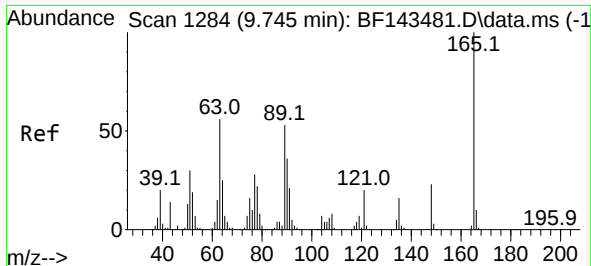


#50
Dimethylphthalate
Concen: 47.032 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



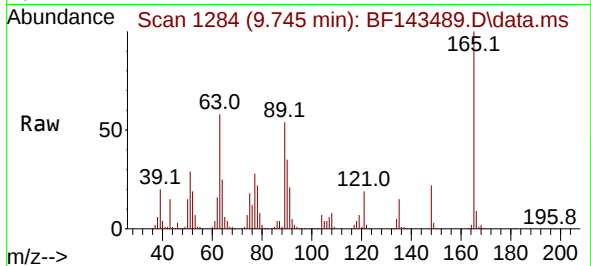
Tgt Ion:163 Resp: 796613
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.211 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

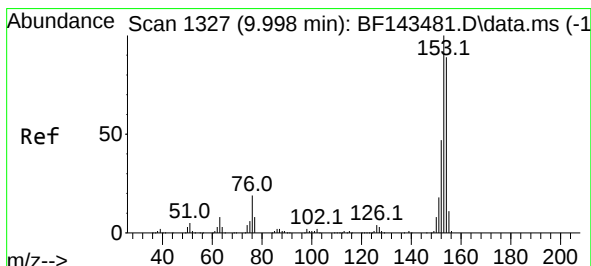
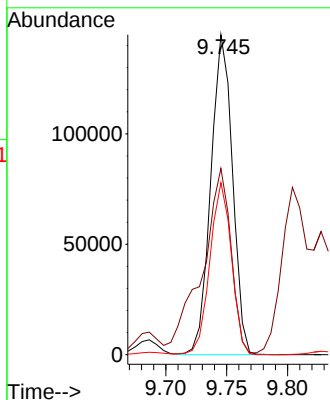
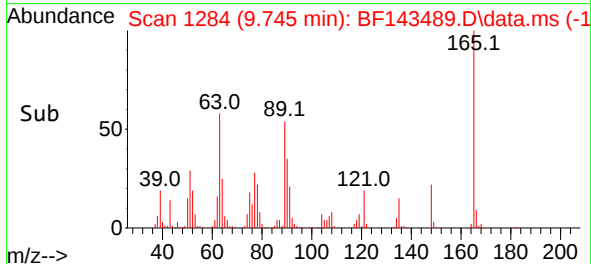
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:165 Resp: 179774
Ion Ratio Lower Upper
165 100
63 58.2 45.0 67.6
89 53.8 42.5 63.7

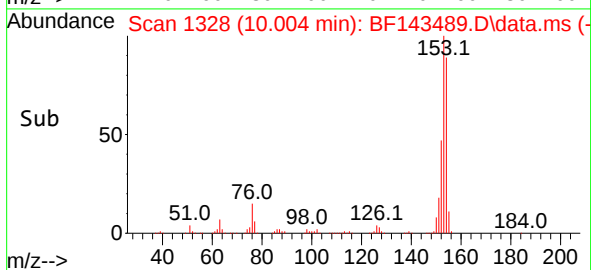
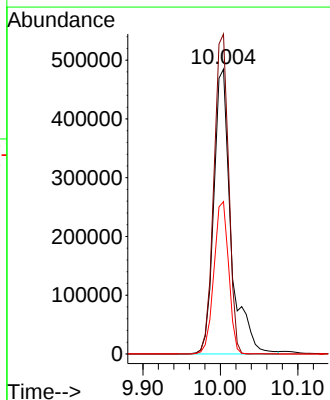
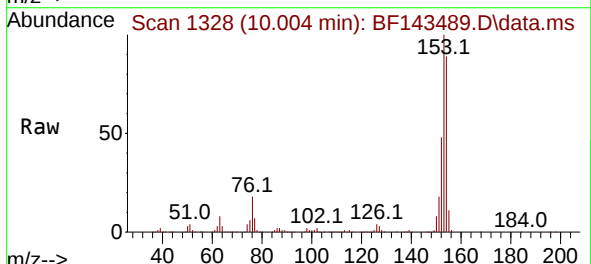
Manual Integrations
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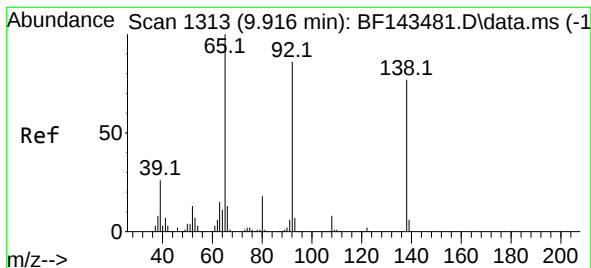
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#52
Acenaphthene
Concen: 49.339 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:154 Resp: 751245
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 24.276 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

Tgt Ion:138 Resp: 9208

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

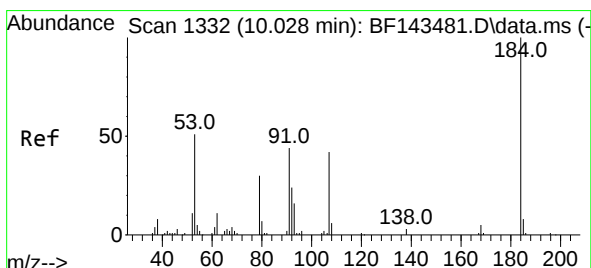
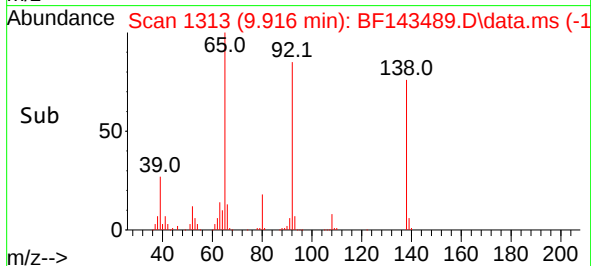
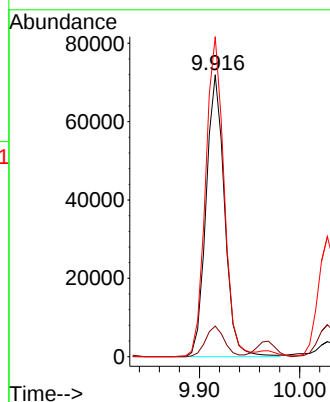
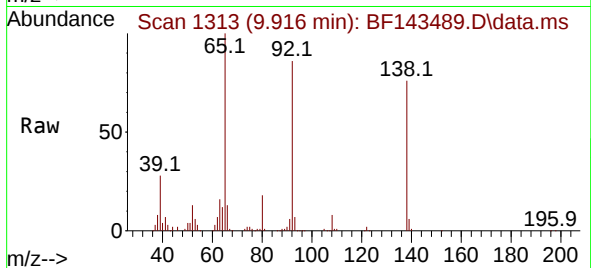
92 113.5 89.8 134.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#54

2,4-Dinitrophenol

Concen: 92.970 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

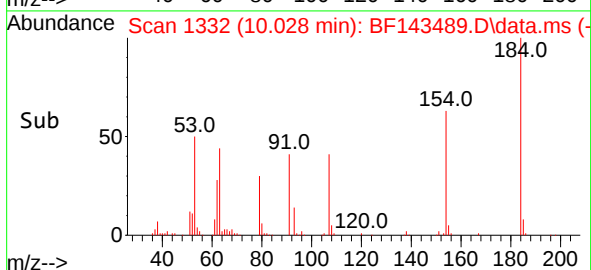
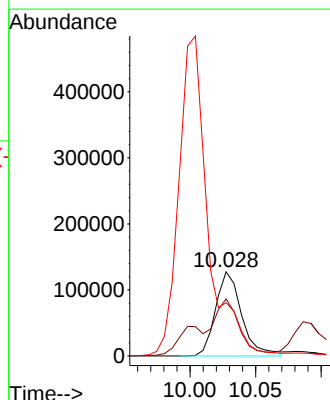
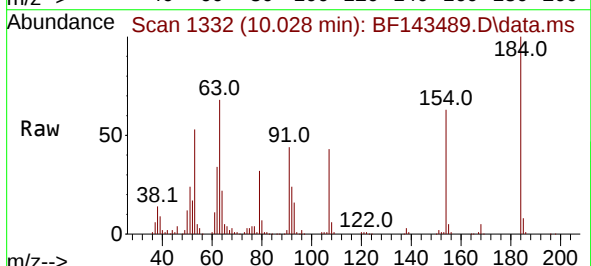
Tgt Ion:184 Resp: 176260

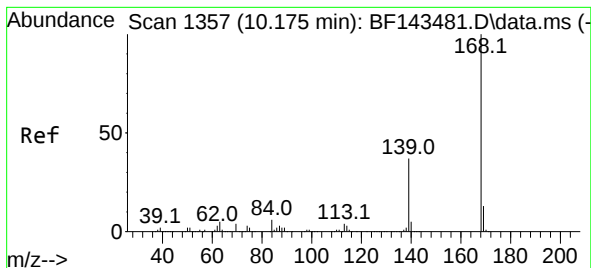
Ion Ratio Lower Upper

184 100

63 67.7 52.6 78.8

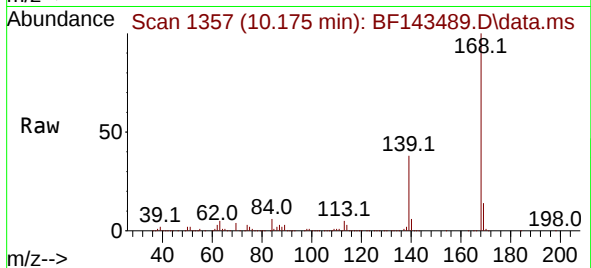
154 63.4 51.0 76.4





#55
Dibenzofuran
Concen: 44.937 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

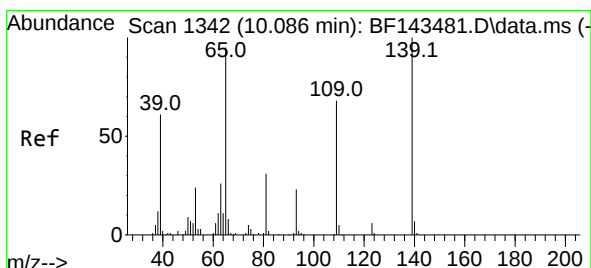
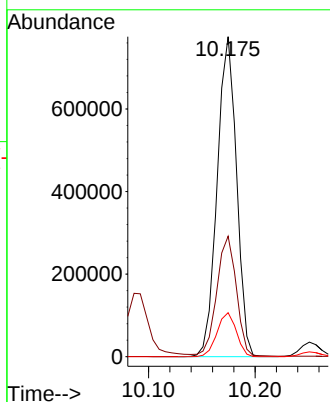
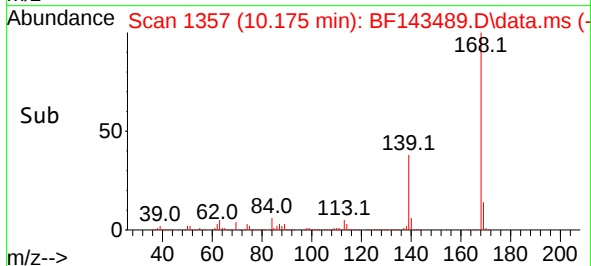
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



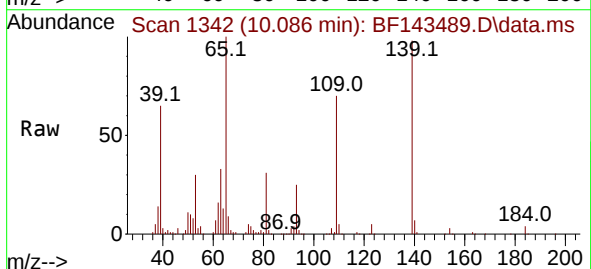
Tgt Ion:168 Resp: 975498
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.8 10.8 16.2

Manual Integrations
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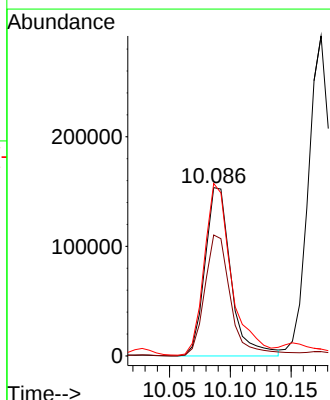
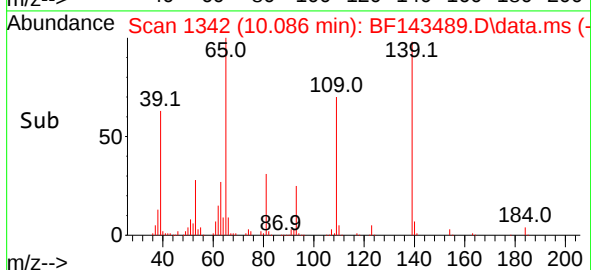
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

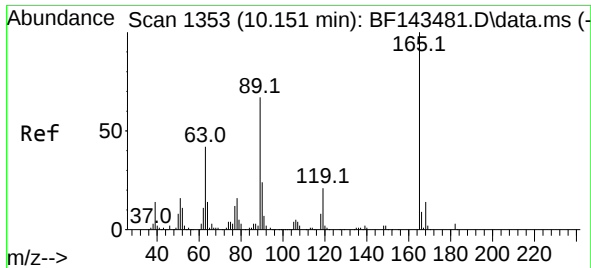


#56
4-Nitrophenol
Concen: 101.045 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



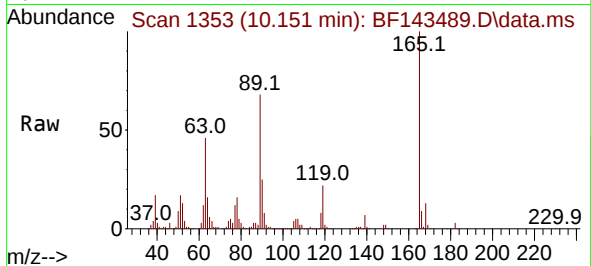
Tgt Ion:139 Resp: 228057
Ion Ratio Lower Upper
139 100
109 71.9 48.2 88.2
65 102.5 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 52.282 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

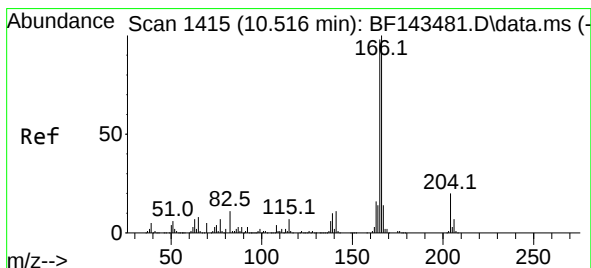
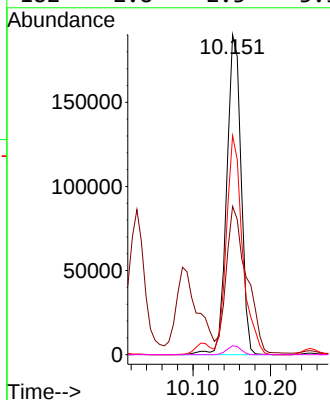
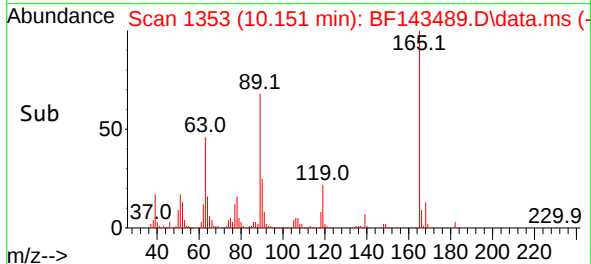
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:165 Resp: 24506
Ion Ratio Lower Upper
165 100
63 46.4 34.9 52.3
89 68.4 53.3 79.9
182 2.8 2.3 3.5

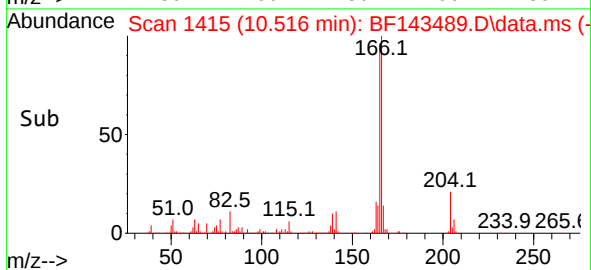
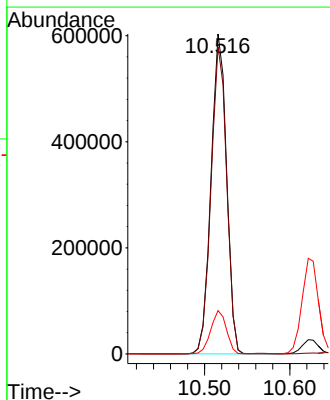
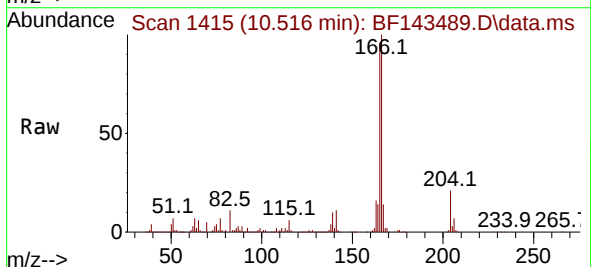
Manual Integrations
APPROVED

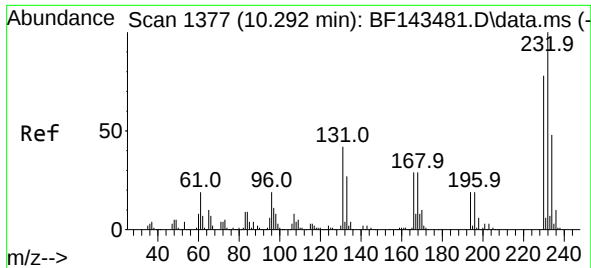
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#58
Fluorene
Concen: 45.840 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

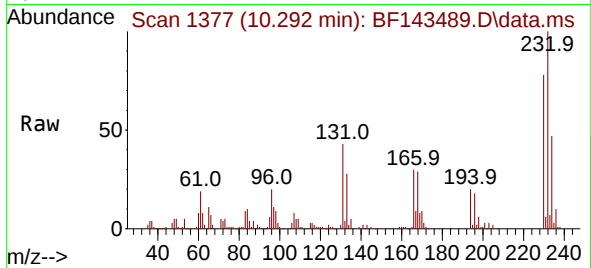
Tgt Ion:166 Resp: 765879
Ion Ratio Lower Upper
166 100
165 96.1 78.3 117.5
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.968 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

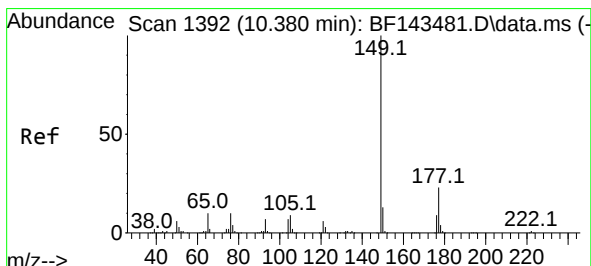
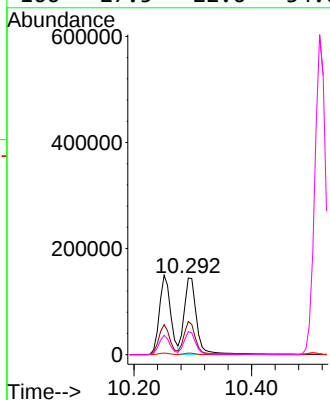
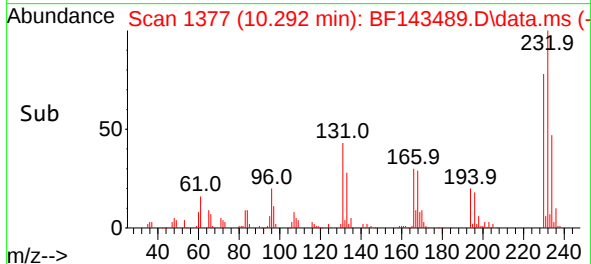
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:232 Resp: 20875
Ion Ratio Lower Upper
232 100
131 41.0 32.7 49.1
130 2.1 1.6 2.4
166 27.5 22.6 34.0

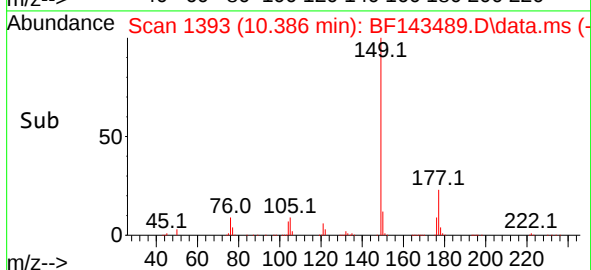
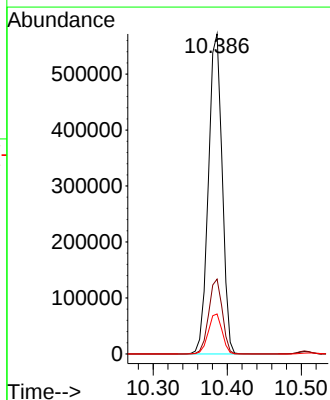
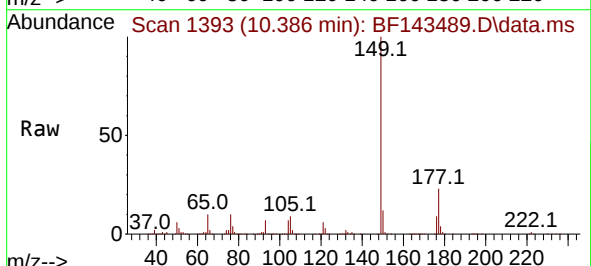
Manual Integrations
APPROVED

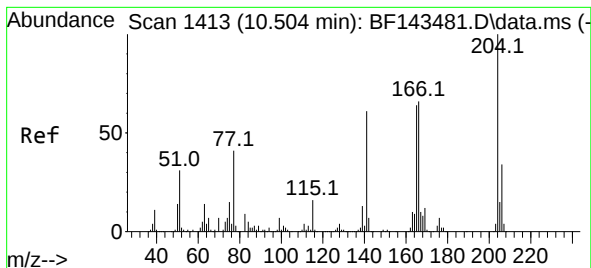
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#60
Diethylphthalate
Concen: 48.421 ng
RT: 10.386 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

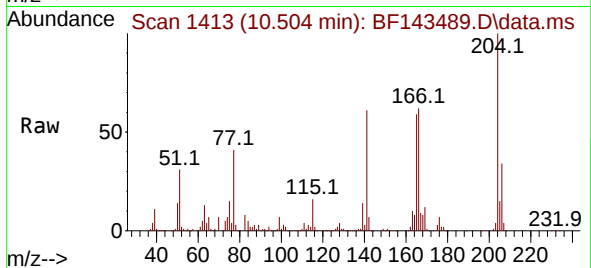
Tgt Ion:149 Resp: 735316
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

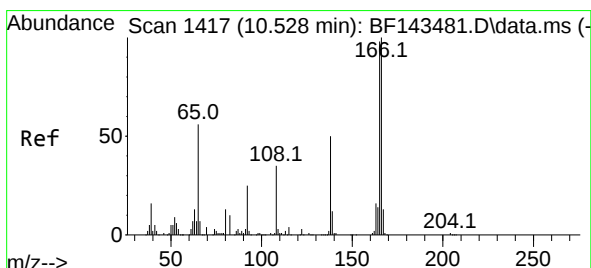
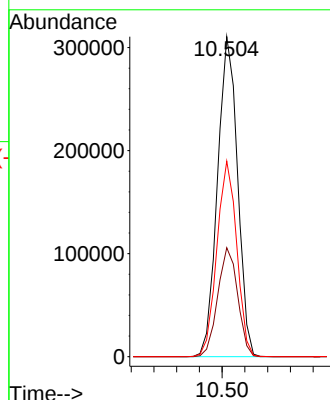
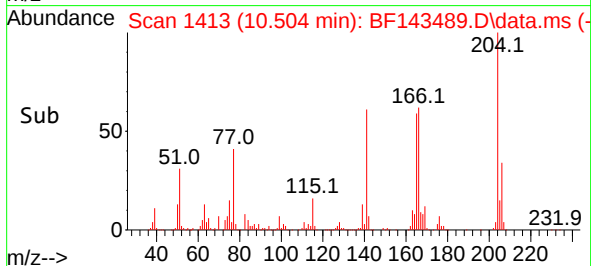
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



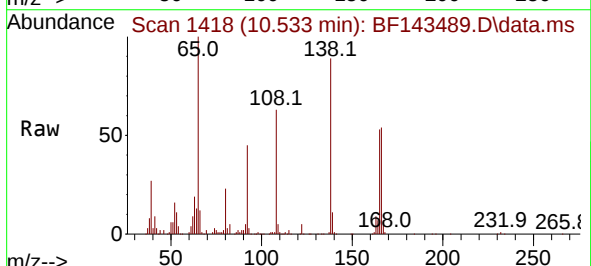
Tgt Ion:204 Resp: 380418
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 61.1 48.7 73.1

Manual Integrations
APPROVED

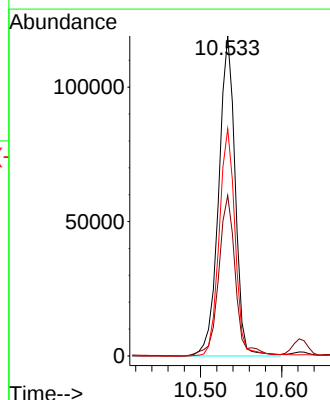
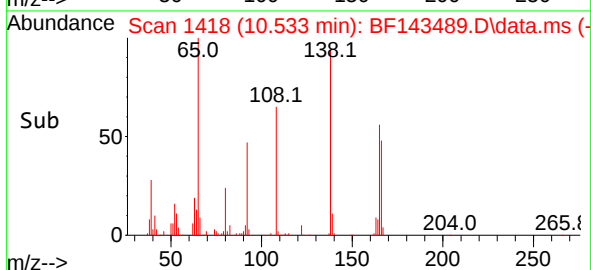
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

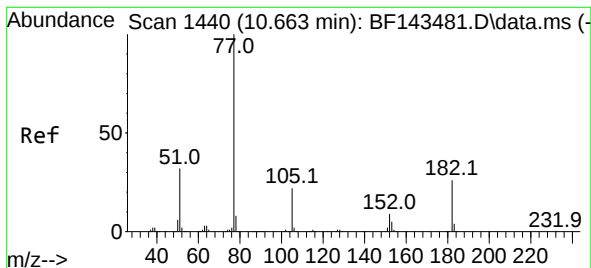


#62
4-Nitroaniline
Concen: 48.313 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



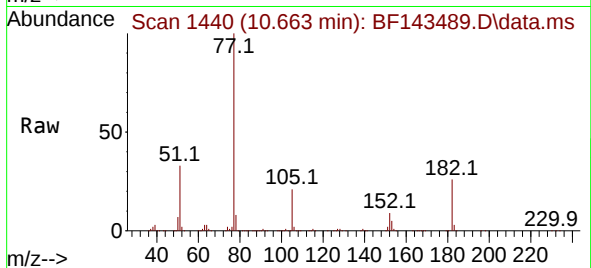
Tgt Ion:138 Resp: 168332
Ion Ratio Lower Upper
138 100
92 50.1 29.3 69.3
108 71.0 50.7 90.7





#63
Azobenzene
Concen: 48.494 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

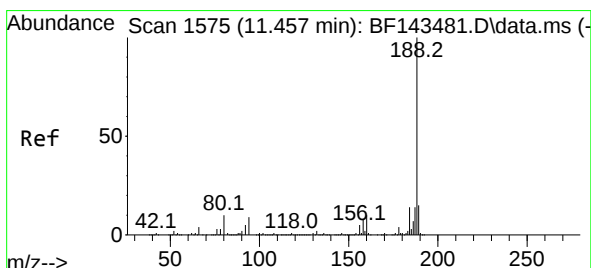
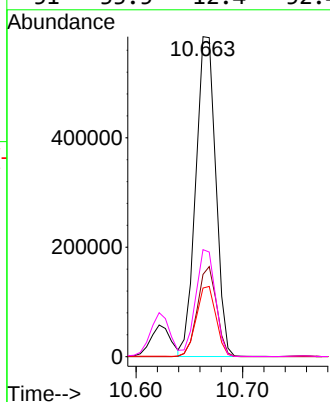
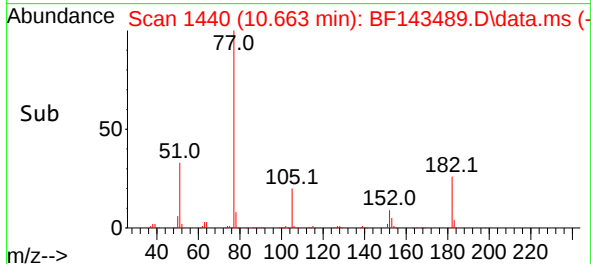
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion: 77 Resp: 76358
Ion Ratio Lower Upper
77 100
182 25.7 6.2 46.2
105 21.5 2.2 42.2
51 33.5 12.4 52.4

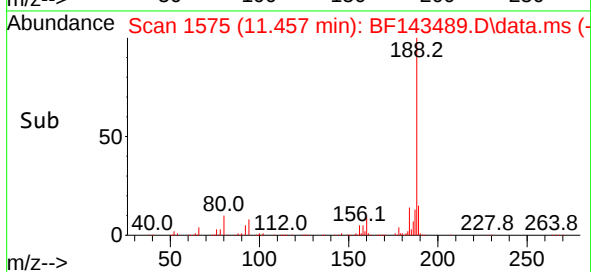
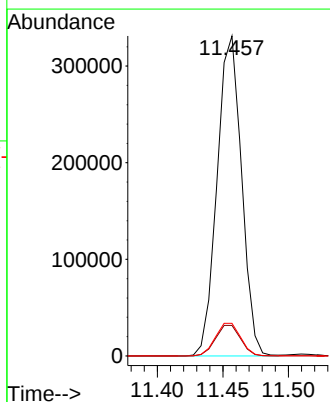
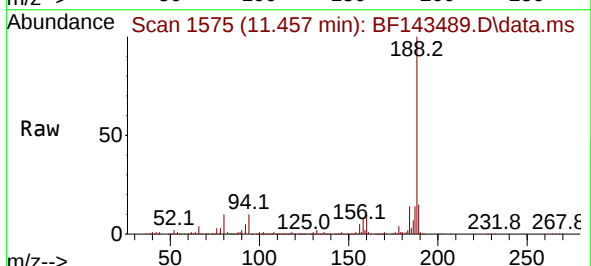
Manual Integrations
APPROVED

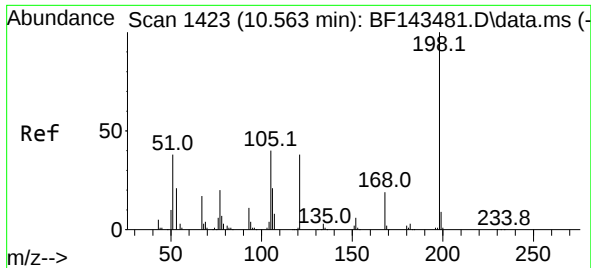
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:188 Resp: 429898
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4





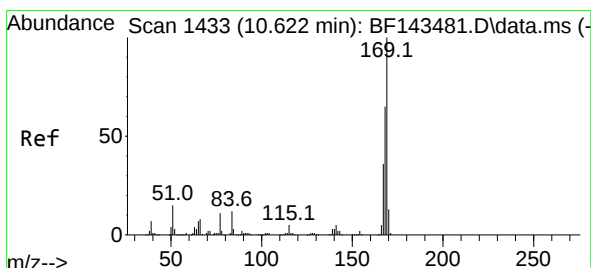
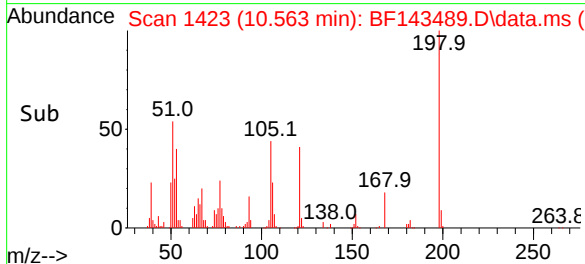
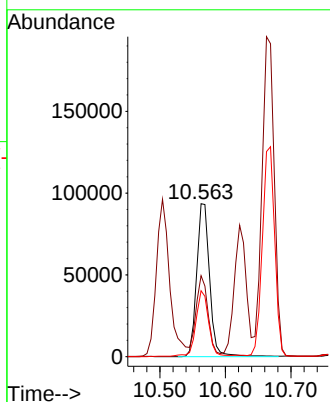
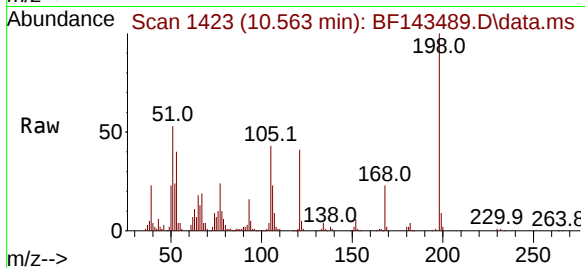
#65
4,6-Dinitro-2-methylphenol
Concen: 53.257 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :
BNA_F
ClientSampleId :
PB169313BSD

Tgt Ion:198 Resp: 12909
Ion Ratio Lower Upper
198 100
51 52.9 29.6 69.6
105 43.1 21.5 61.5

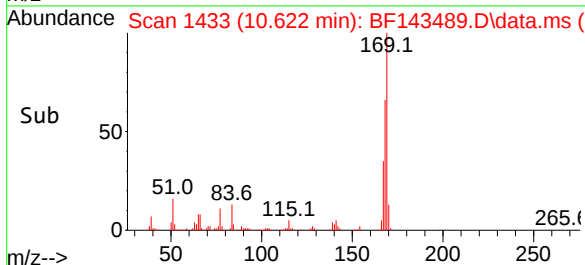
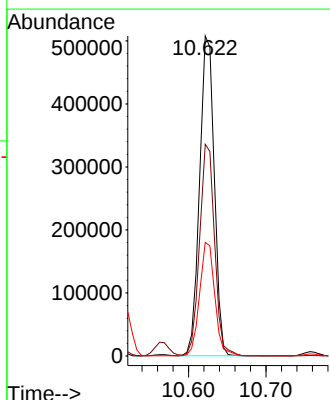
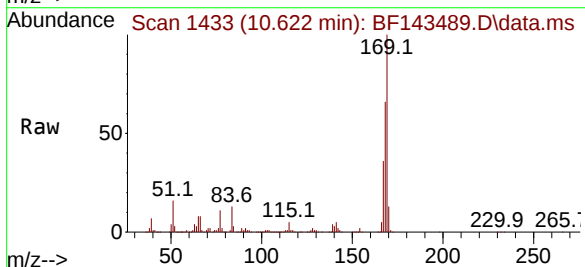
Manual Integrations
APPROVED

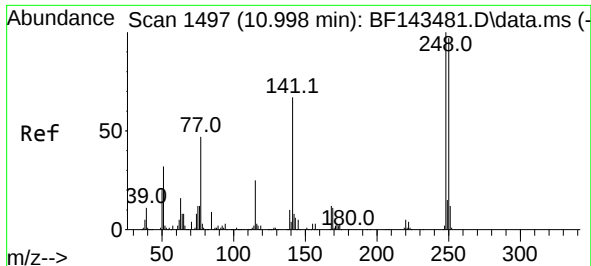
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#66
n-Nitrosodiphenylamine
Concen: 48.259 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:169 Resp: 667663
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 35.5 28.9 43.3





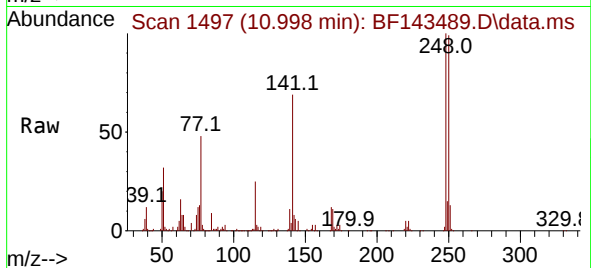
#67
4-Bromophenyl-phenylether
Concen: 46.760 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

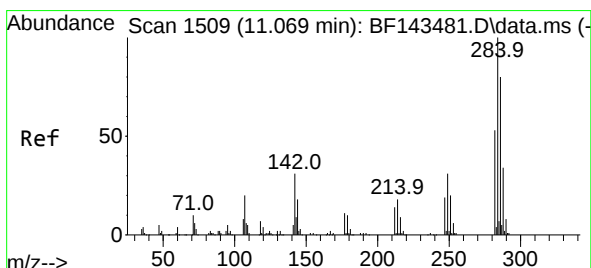
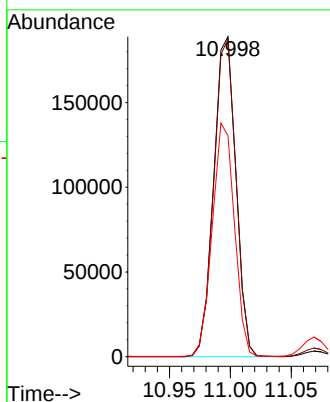
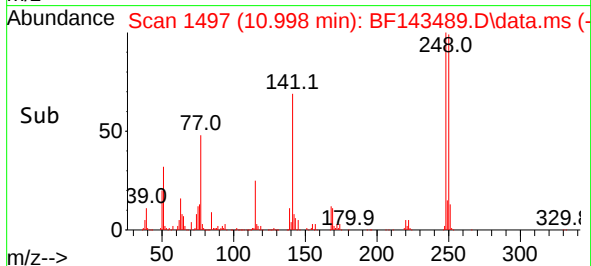


Tgt Ion:248 Resp: 239849
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.8
141 69.1 54.0 81.0

Manual Integrations

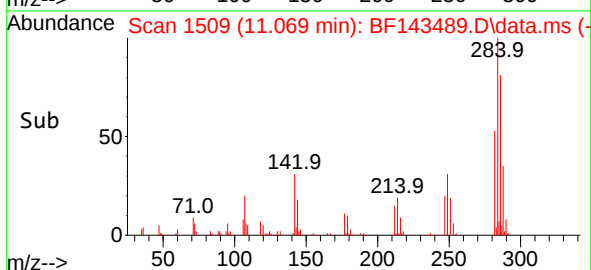
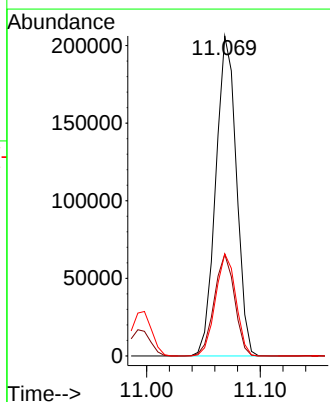
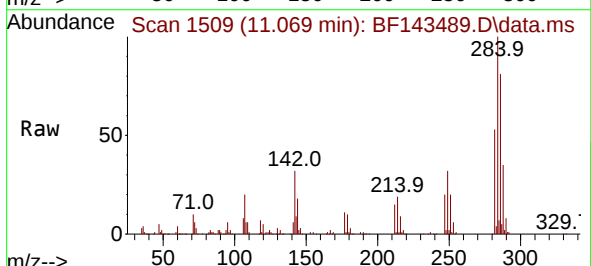
APPROVED

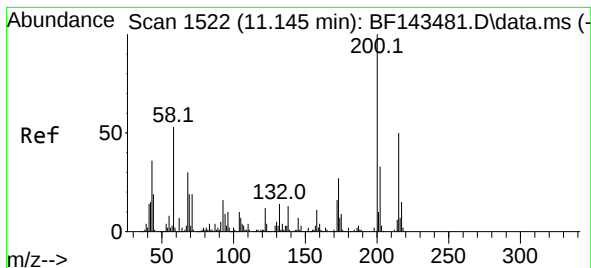
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#68
Hexachlorobenzene
Concen: 47.075 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:284 Resp: 260280
Ion Ratio Lower Upper
284 100
142 31.8 24.4 36.6
249 31.9 25.0 37.6





#69

Atrazine

Concen: 52.566 ng

RT: 11.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143489.D

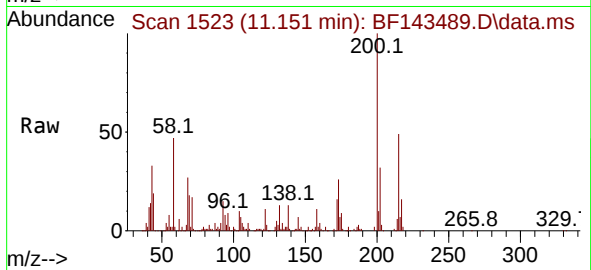
Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD



Tgt Ion:200 Resp: 187729

Ion Ratio Lower Upper

200 100

173 26.4 6.9 46.9

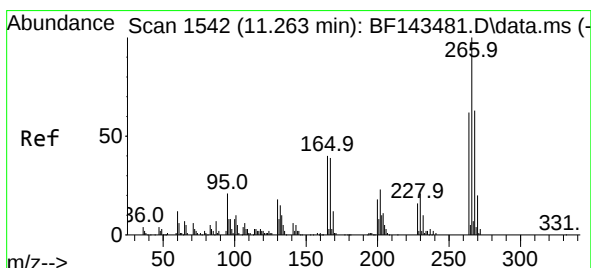
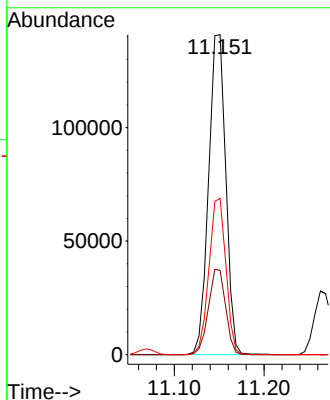
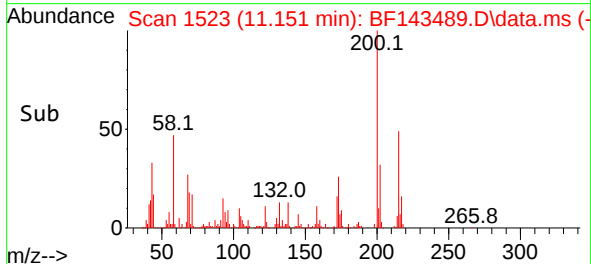
215 48.9 30.0 70.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#70

Pentachlorophenol

Concen: 101.265 ng

RT: 11.269 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

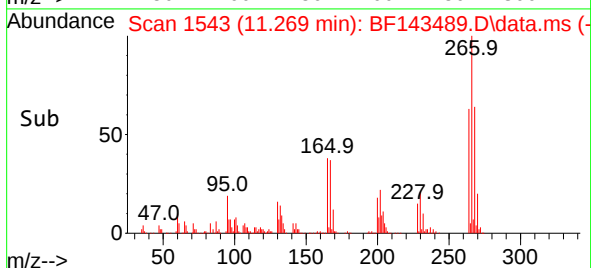
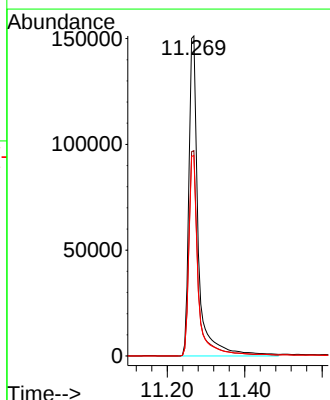
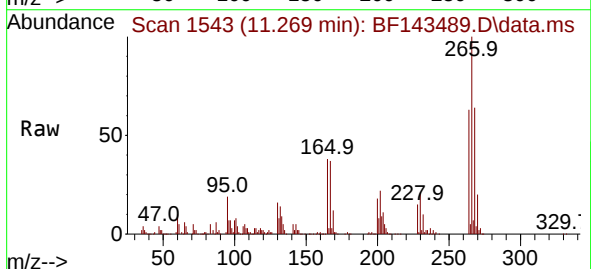
Tgt Ion:266 Resp: 256427

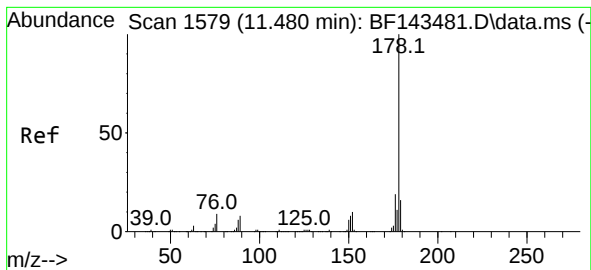
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

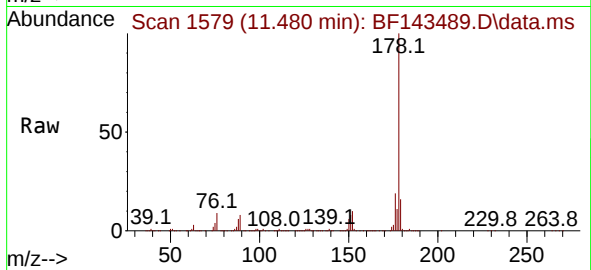
264 62.6 49.8 74.8





#71
Phenanthrene
Concen: 46.811 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

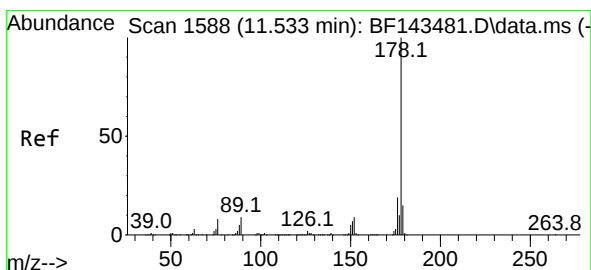
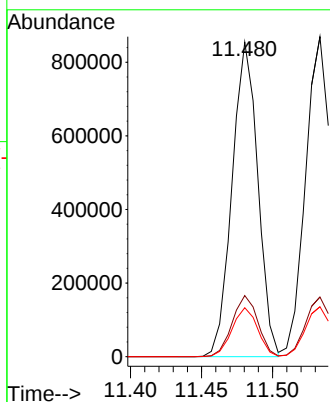
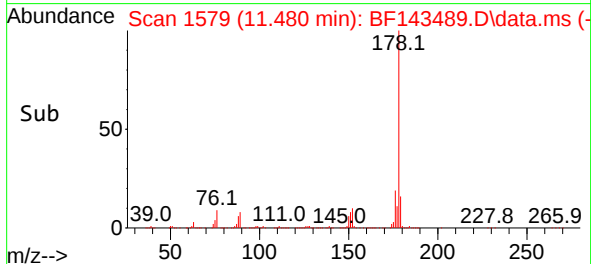
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:178 Resp: 107766
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7

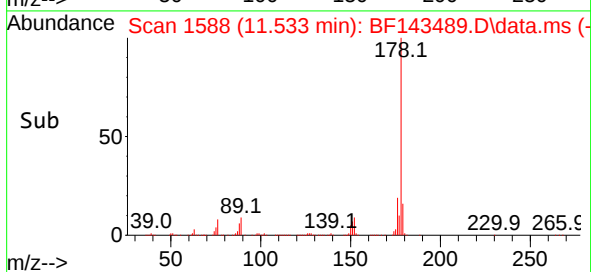
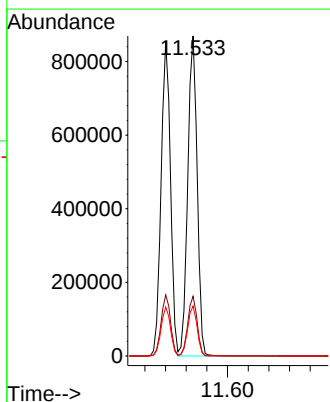
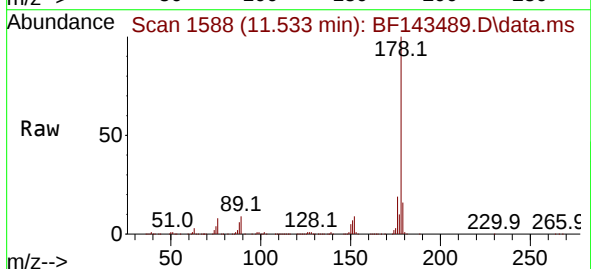
Manual Integrations
APPROVED

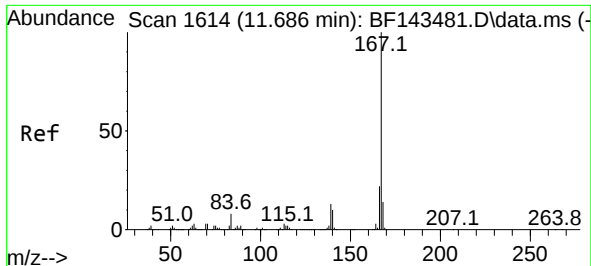
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#72
Anthracene
Concen: 47.086 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

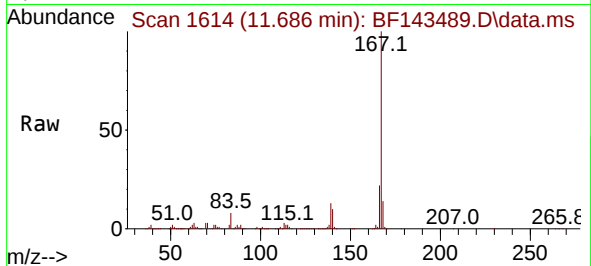
Tgt Ion:178 Resp: 1098131
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 47.817 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

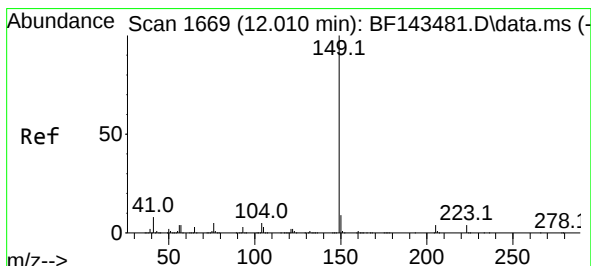
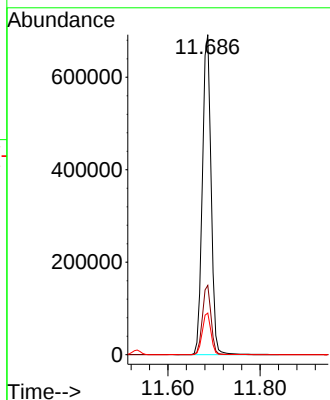
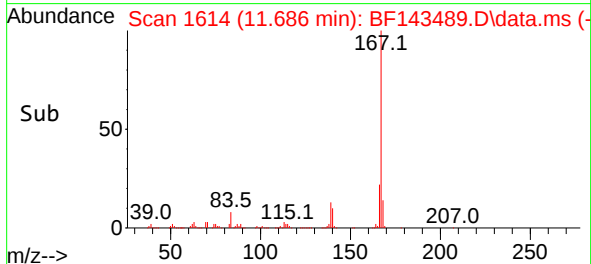
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD



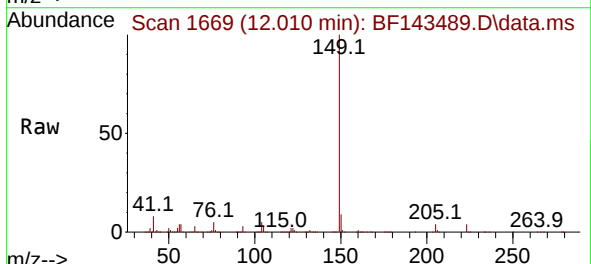
Tgt Ion:167 Resp: 913770
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.0 15.0

Manual Integrations
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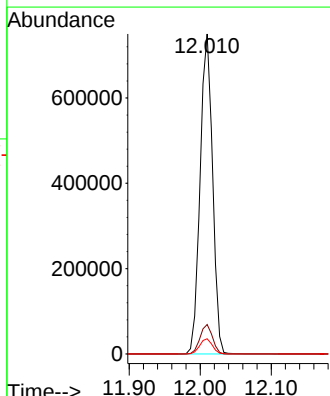
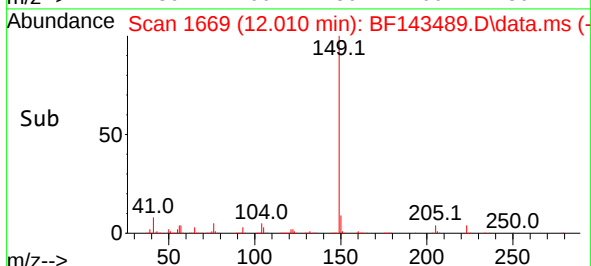
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

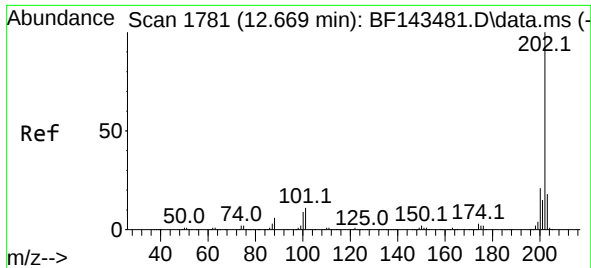


#74
 Di-n-butylphthalate
 Concen: 51.353 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13



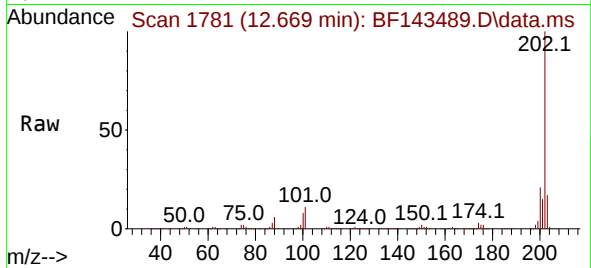
Tgt Ion:149 Resp: 915491
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 46.897 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

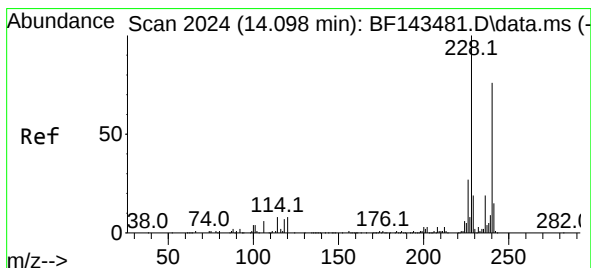
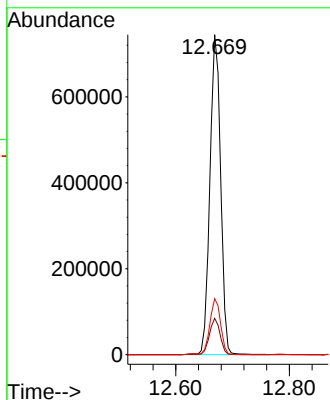
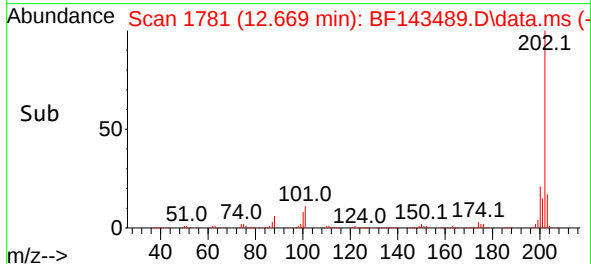
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



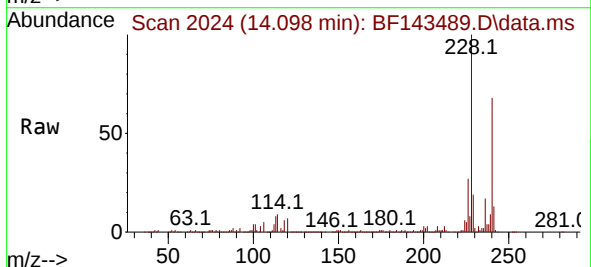
Tgt Ion:202 Resp: 96875
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 17.5 0.0 37.9

Manual Integrations
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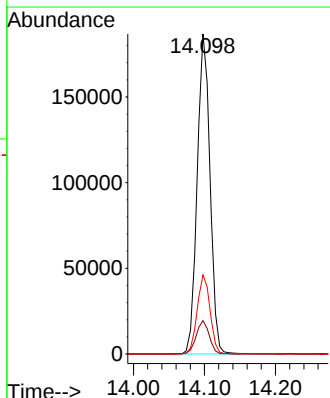
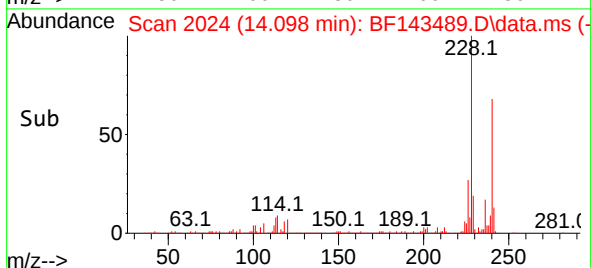
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

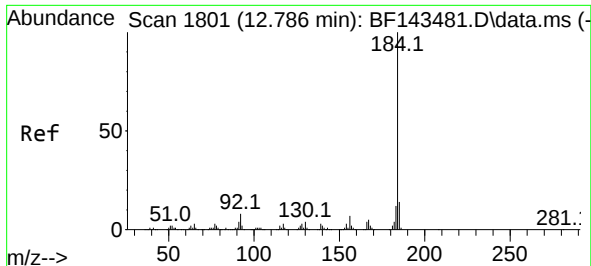


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



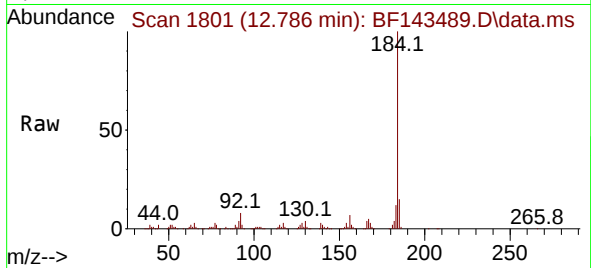
Tgt Ion:240 Resp: 234937
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 24.7 20.4 30.6





#77
Benzidine
Concen: 35.544 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

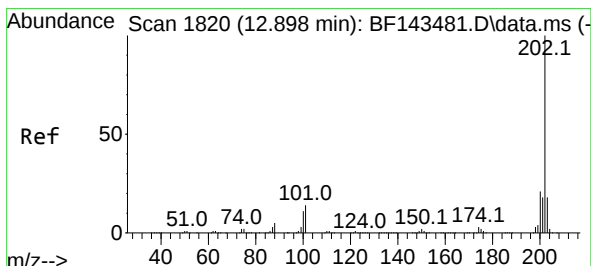
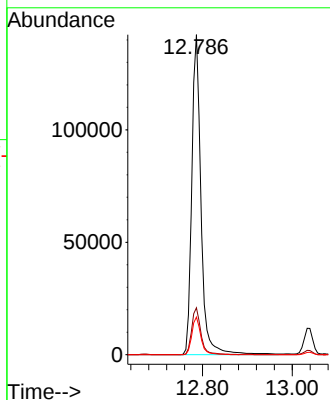
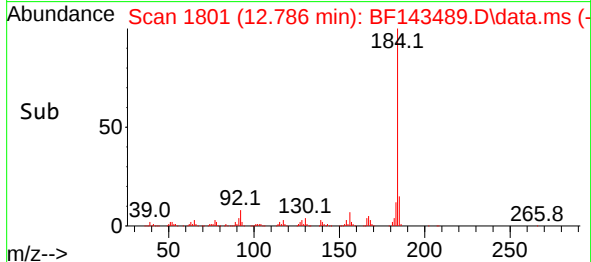
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



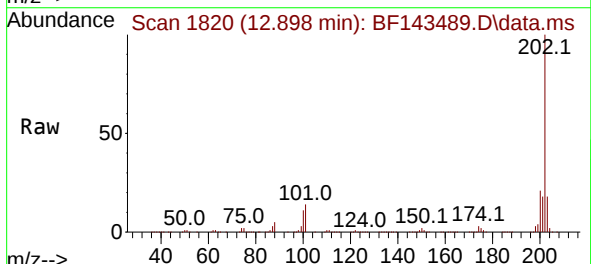
Tgt Ion:184 Resp: 20341
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.8 9.5 14.3

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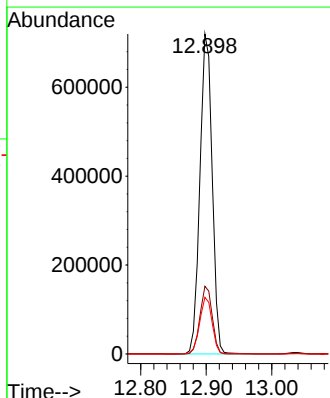
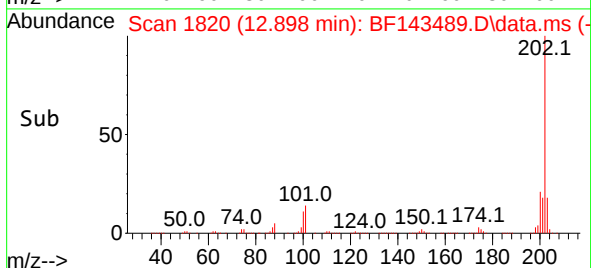
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

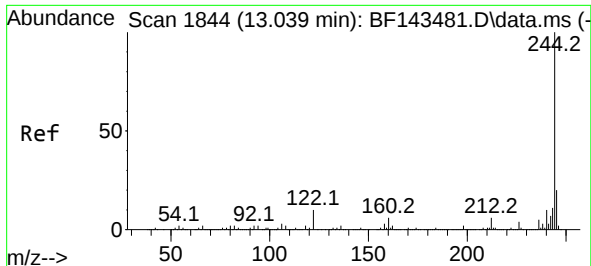


#78
Pyrene
Concen: 48.667 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



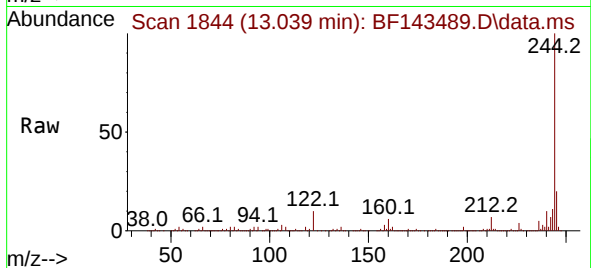
Tgt Ion:202 Resp: 940507
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 91.165 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

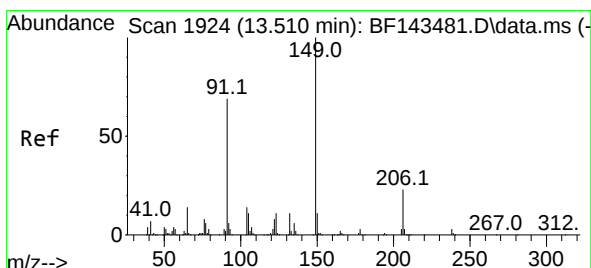
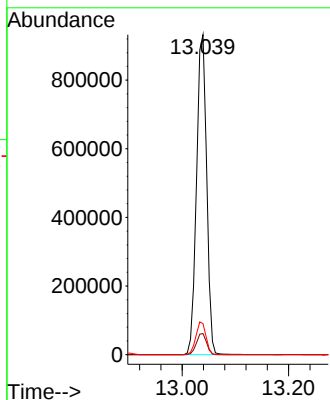
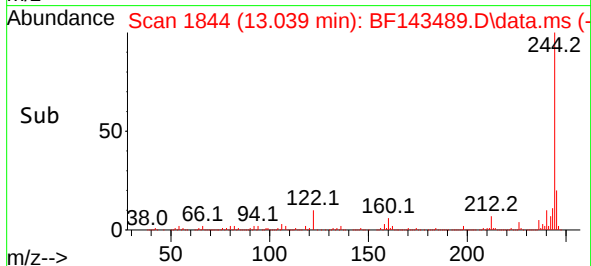
Instrument :
 BNA_F
 ClientSampleId :
 PB169313BSD



Tgt Ion:244 Resp: 122736
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 9.7 7.9 11.9

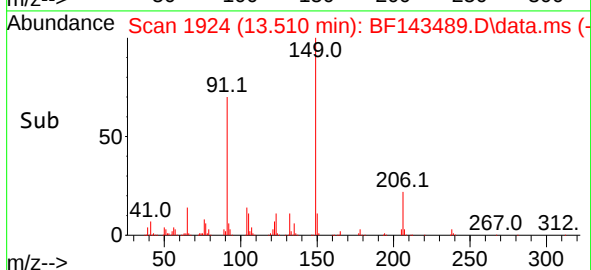
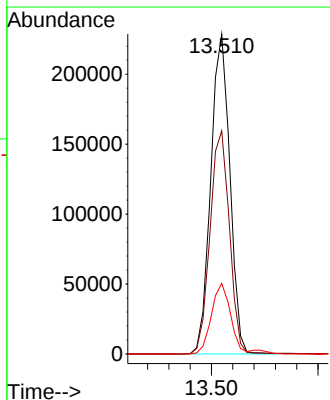
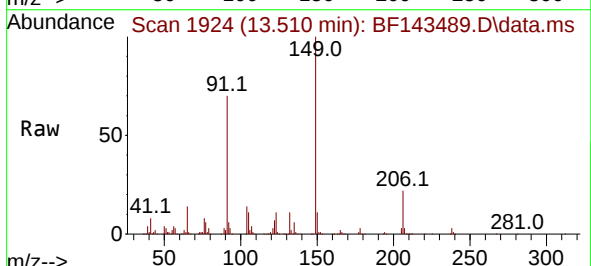
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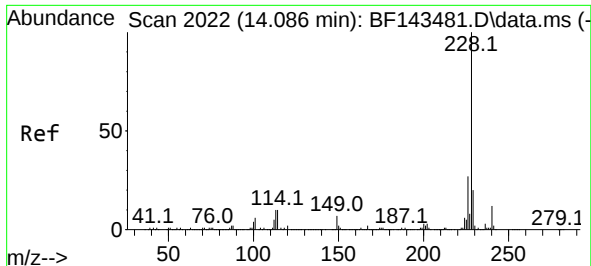
Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025



#80
 Butylbenzylphthalate
 Concen: 53.791 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF143489.D
 Acq: 20 Aug 2025 17:13

Tgt Ion:149 Resp: 283983
 Ion Ratio Lower Upper
 149 100
 91 69.7 55.3 82.9
 206 22.1 18.2 27.4





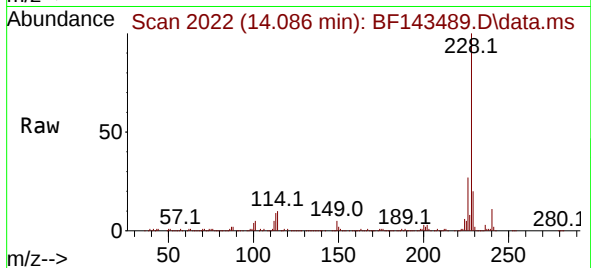
#81
Benzo(a)anthracene
Concen: 46.940 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD



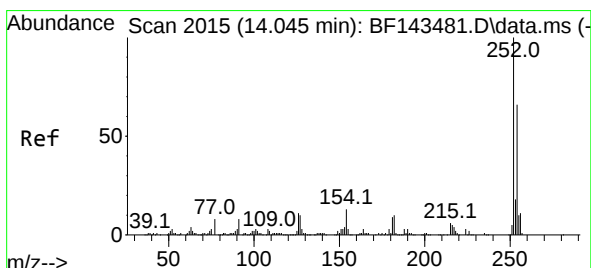
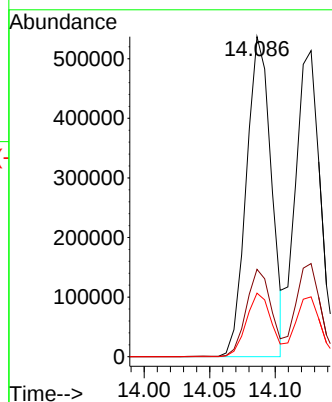
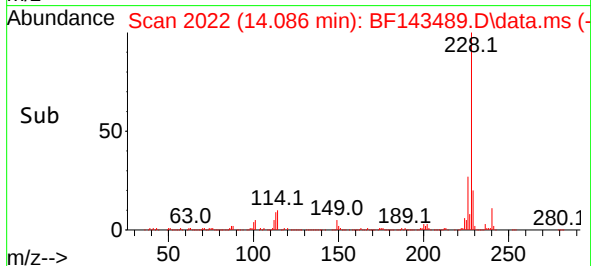
Tgt Ion:228 Resp: 709999
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.7 23.5

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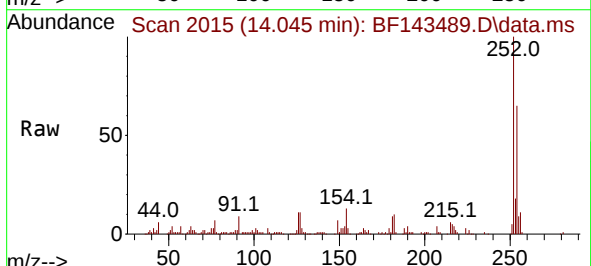
APPROVED

Reviewed By :Rahul Chavli 08/21/2025

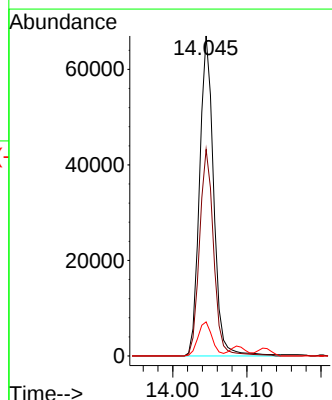
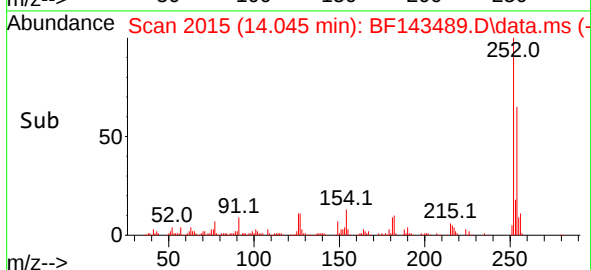
Supervised By :Jagrut Upadhyay 08/21/2025

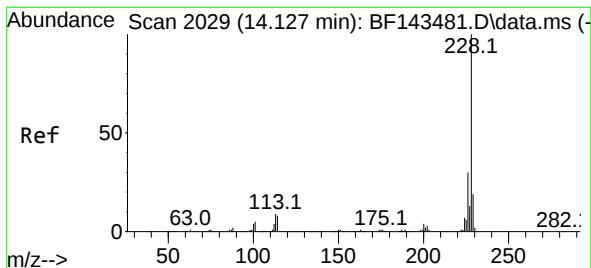


#82
3,3'-Dichlorobenzidine
Concen: 20.509 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:252 Resp: 88838
Ion Ratio Lower Upper
252 100
254 64.5 52.6 79.0
126 10.6 8.7 13.1





#83

Chrysene

Concen: 49.330 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

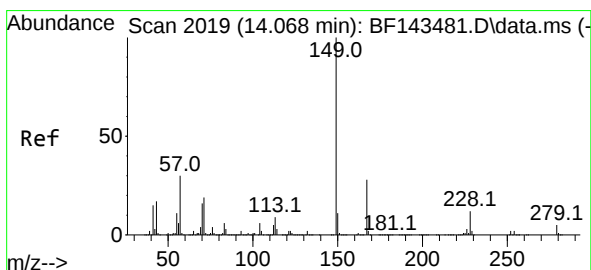
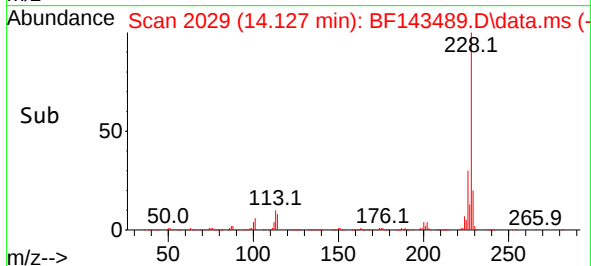
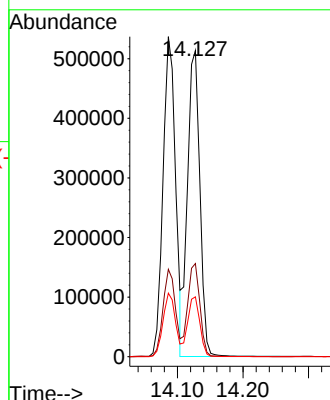
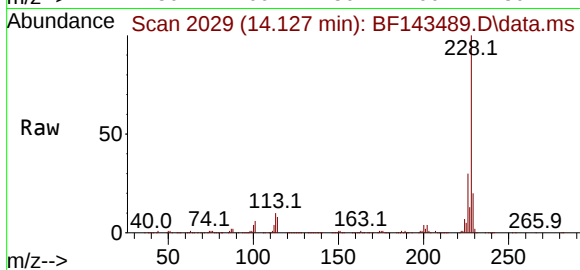
Tgt Ion:228 Resp: 67053
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.7 35.5
 229 19.5 15.7 23.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.699 ng

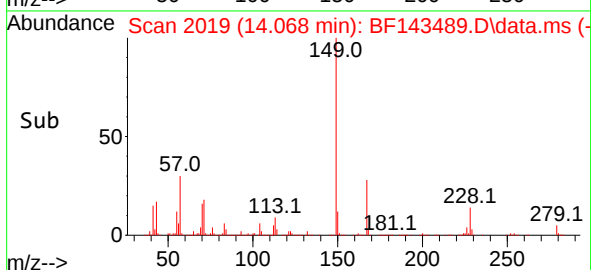
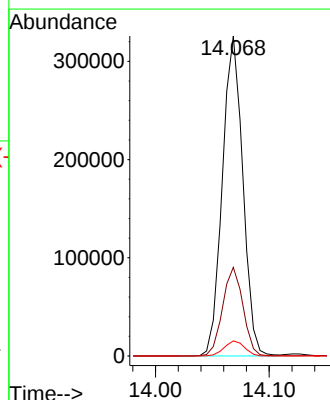
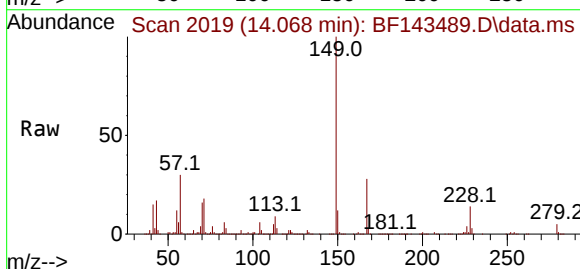
RT: 14.068 min Scan# 2019

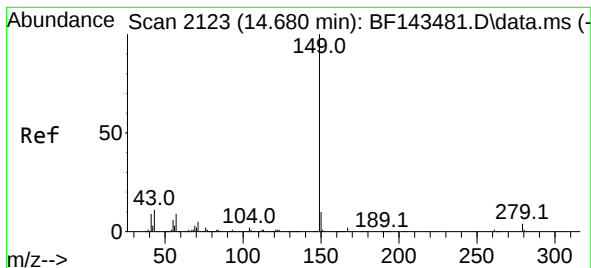
Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

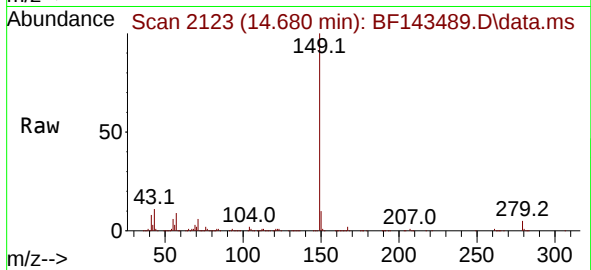
Tgt Ion:149 Resp: 407661
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 4.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.345 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

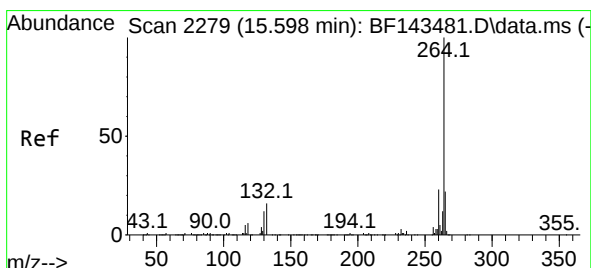
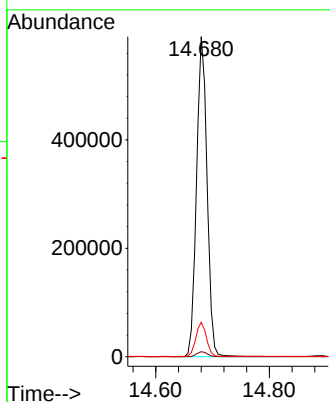
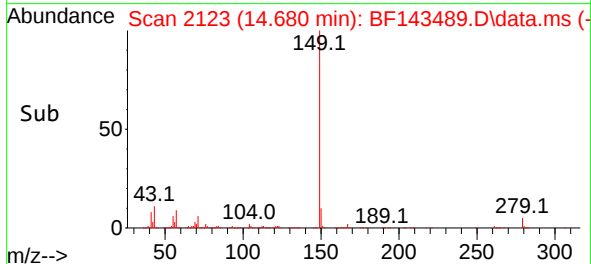
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



Tgt Ion:149 Resp: 76482
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.5 12.7

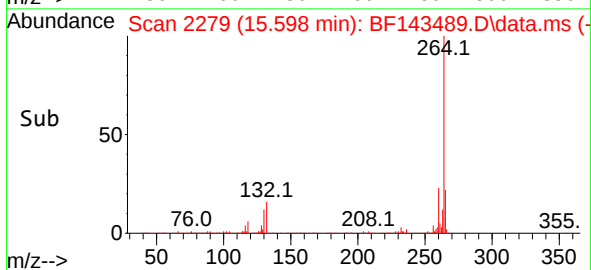
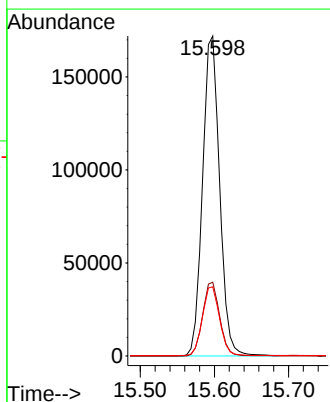
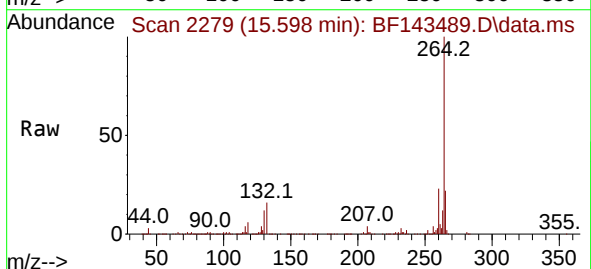
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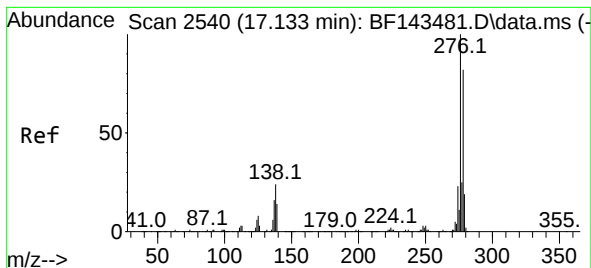
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

Tgt Ion:264 Resp: 275165
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.375 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

Tgt Ion:276 Resp: 93675

Ion Ratio Lower Upper

276 100

138 24.2 19.2 28.8

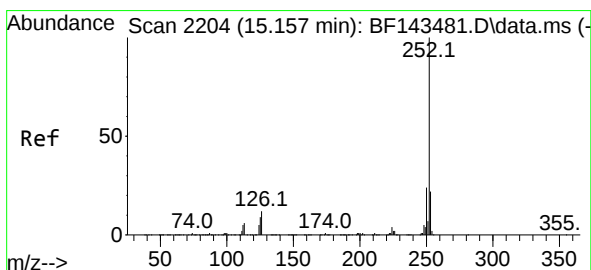
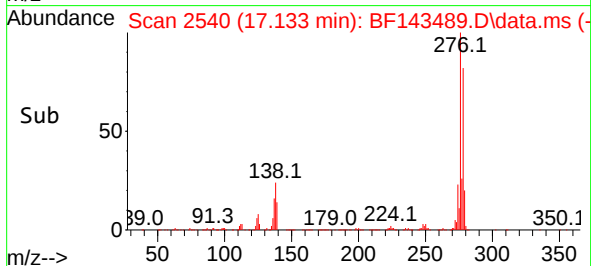
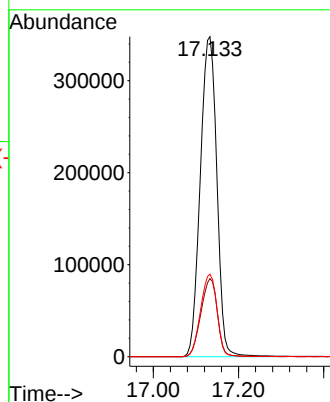
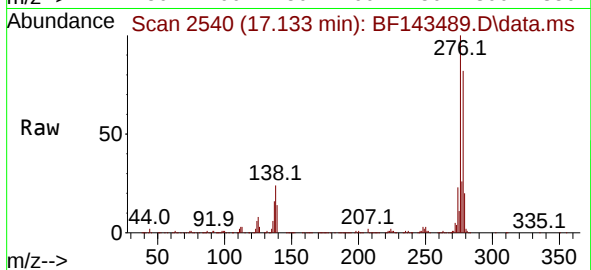
277 25.7 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#88

Benzo(b)fluoranthene

Concen: 46.959 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

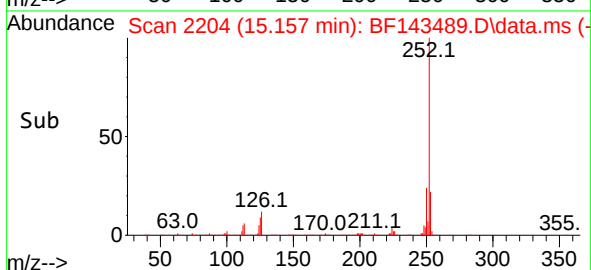
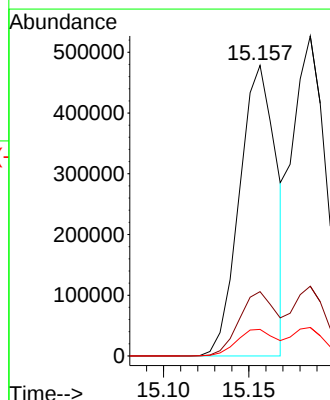
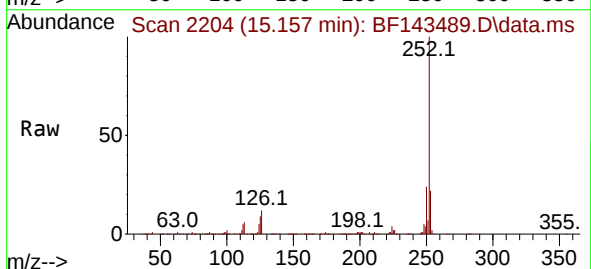
Tgt Ion:252 Resp: 718254

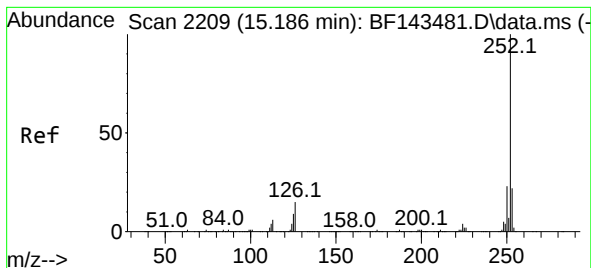
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.118 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

Instrument :

BNA_F

ClientSampleId :

PB169313BSD

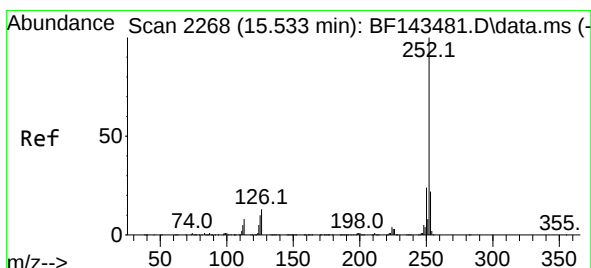
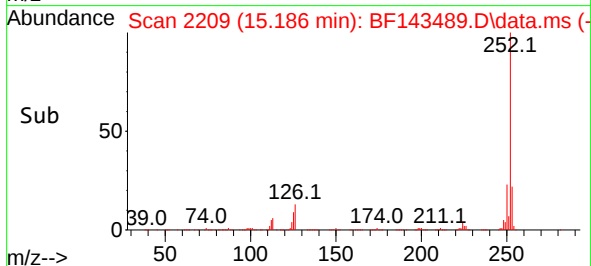
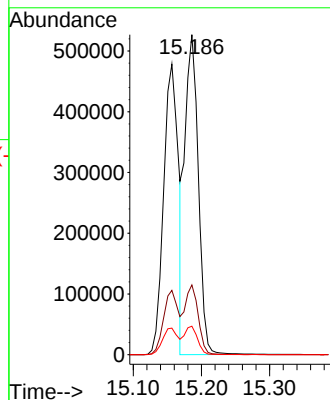
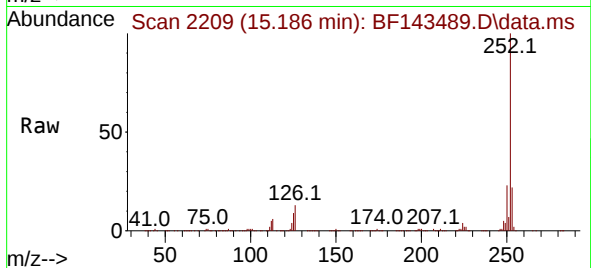
Tgt Ion:252 Resp: 71931
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 8.9 7.4 11.0

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :Jagrut Upadhyay 08/21/2025



#90

Benzo(a)pyrene

Concen: 50.813 ng

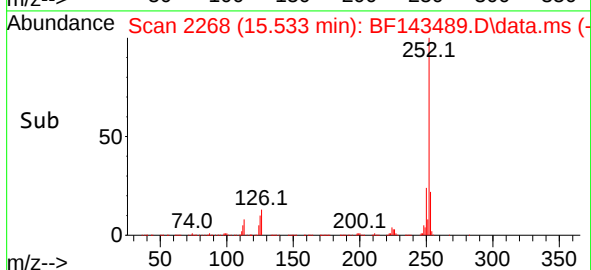
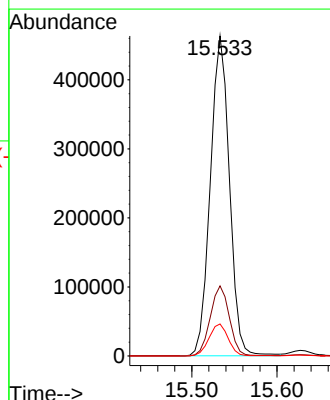
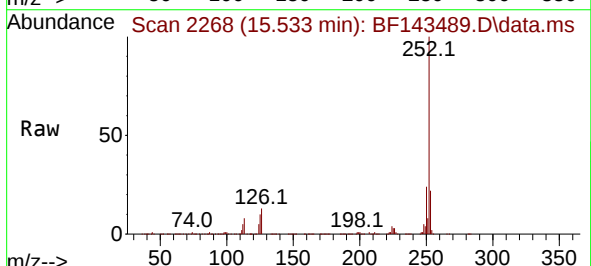
RT: 15.533 min Scan# 2268

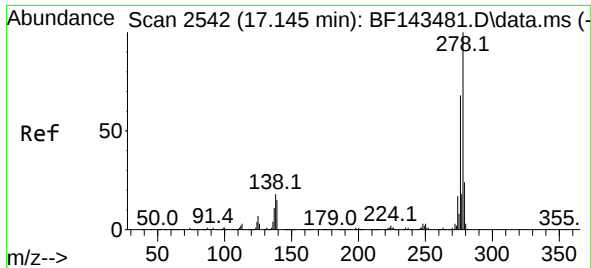
Delta R.T. -0.006 min

Lab File: BF143489.D

Acq: 20 Aug 2025 17:13

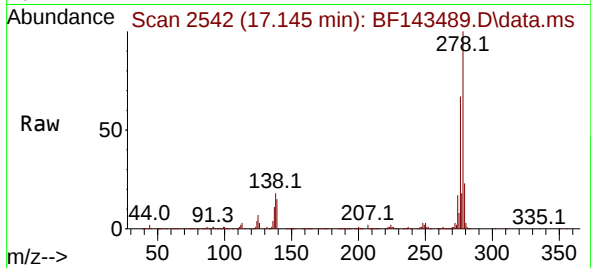
Tgt Ion:252 Resp: 721420
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 10.0 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 48.393 ng
RT: 17.145 min Scan# 2542
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13

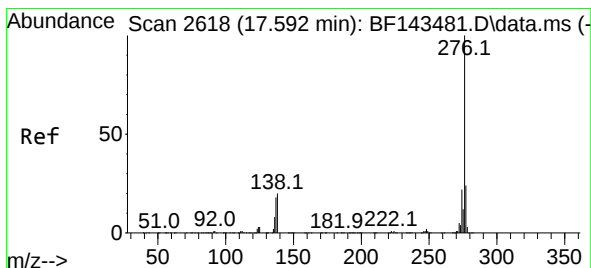
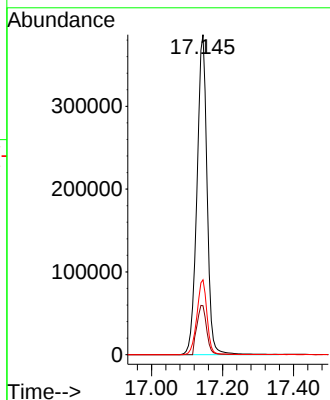
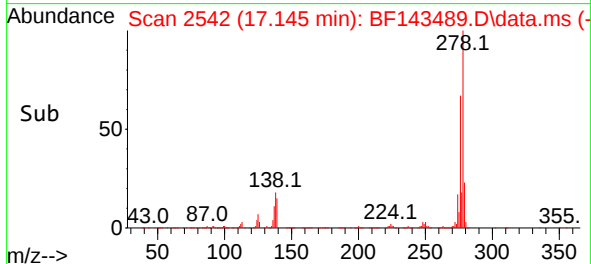
Instrument :
BNA_F
ClientSampleId :
PB169313BSD



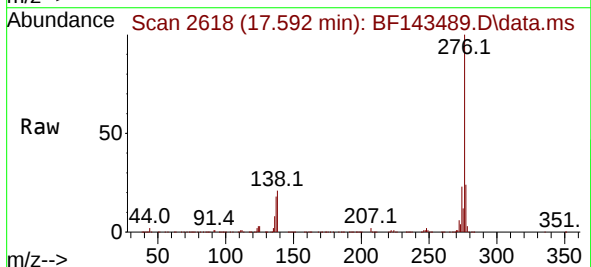
Tgt Ion:278 Resp: 766358
Ion Ratio Lower Upper
278 100
139 15.3 12.1 18.1
279 23.4 19.2 28.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#92
Benzo(g,h,i)perylene
Concen: 48.971 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143489.D
Acq: 20 Aug 2025 17:13



Tgt Ion:276 Resp: 771124
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 20.8 16.3 24.5

