

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141533.D
 Acq On : 10 Feb 2025 12:26
 Operator : RC/JU
 Sample : PB166619BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

Quant Time: Feb 10 12:54:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90197	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	363645	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	200498	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	341345	20.000	ng	0.00
76) Chrysene-d12	13.963	240	224165	20.000	ng	0.00
86) Perylene-d12	15.445	264	193889	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	542298	94.259	ng	0.01
7) Phenol-d6	6.434	99	663533	91.249	ng	0.00
23) Nitrobenzene-d5	7.357	82	662117	94.969	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	185126	91.915	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1253313	96.306	ng	0.00
79) Terphenyl-d14	12.898	244	1359805	102.406	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.581	88	96761	41.787	ng 98
3) Pyridine	3.310	79	230819	41.889	ng 99
4) n-Nitrosodimethylamine	3.263	42	161187	44.178	ng 99
6) Aniline	6.451	93	293162	42.978	ng 93
8) 2-Chlorophenol	6.581	128	285789	45.971	ng 100
9) Benzaldehyde	6.340	77	165581	42.850	ng 99
10) Phenol	6.445	94	340192	44.949	ng 97
11) bis(2-Chloroethyl)ether	6.528	93	258448	45.464	ng 99
12) 1,3-Dichlorobenzene	6.728	146	292036	44.497	ng 99
13) 1,4-Dichlorobenzene	6.804	146	297996	44.440	ng 100
14) 1,2-Dichlorobenzene	6.957	146	286894	46.098	ng 98
15) Benzyl Alcohol	6.934	79	252931	45.358	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	447885	46.026	ng 77
17) 2-Methylphenol	7.051	107	221410	45.512	ng 98
18) Hexachloroethane	7.298	117	112819	45.461	ng 98
19) n-Nitroso-di-n-propyla...	7.204	70	196850	45.257	ng 100
20) 3+4-Methylphenols	7.204	107	281250	45.491	ng 99
22) Acetophenone	7.198	105	436054	48.205	ng 98
24) Nitrobenzene	7.375	77	301990	44.420	ng 99
25) Isophorone	7.616	82	537486	48.350	ng 99
26) 2-Nitrophenol	7.692	139	151808	44.882	ng 94
27) 2,4-Dimethylphenol	7.734	122	230740	58.395	ng 99
28) bis(2-Chloroethoxy)met...	7.822	93	326230	45.798	ng 100
29) 2,4-Dichlorophenol	7.939	162	234745	43.969	ng 99
30) 1,2,4-Trichlorobenzene	8.016	180	257928	44.364	ng 99
31) Naphthalene	8.092	128	821878	43.419	ng 100
32) Benzoic acid	7.869	122	172184	41.952	ng 98
33) 4-Chloroaniline	8.145	127	218486	33.060	ng 99
34) Hexachlorobutadiene	8.210	225	158452	45.398	ng 99
35) Caprolactam	8.557	113	29952	18.426	ng 99
36) 4-Chloro-3-methylphenol	8.633	107	259537	43.886	ng 100
37) 2-Methylnaphthalene	8.786	142	522602	42.427	ng 99
38) 1-Methylnaphthalene	8.886	142	508295	42.606	ng 98
40) 1,2,4,5-Tetrachloroben...	8.951	216	282482	48.698	ng 98
41) Hexachlorocyclopentadiene	8.939	237	317193	164.405	ng 99
43) 2,4,6-Trichlorophenol	9.069	196	170317	45.429	ng 99

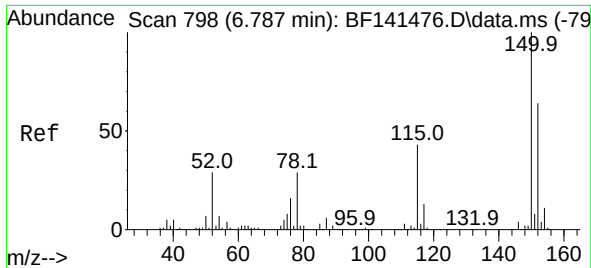
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	176861	43.529	ng	97
46) 1,1'-Biphenyl	9.251	154	755777	48.621	ng	99
47) 2-Chloronaphthalene	9.275	162	512881	44.620	ng	100
48) 2-Nitroaniline	9.375	65	171825	44.542	ng	98
49) Acenaphthylene	9.692	152	793675	46.422	ng	100
50) Dimethylphthalate	9.551	163	609272	44.762	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134492	45.199	ng	98
52) Acenaphthene	9.863	154	512099	44.554	ng	99
53) 3-Nitroaniline	9.786	138	87976	27.471	ng	99
54) 2,4-Dinitrophenol	9.898	184	159087	89.959	ng	96
55) Dibenzofuran	10.033	168	726329	43.052	ng	100
56) 4-Nitrophenol	9.963	139	217637	91.546	ng	98
57) 2,4-Dinitrotoluene	10.022	165	184501	46.578	ng	99
58) Fluorene	10.375	166	578509	44.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153497	43.880	ng	97
60) Diethylphthalate	10.251	149	589921	44.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	279211	44.491	ng	99
62) 4-Nitroaniline	10.398	138	137313	42.225	ng	98
63) Azobenzene	10.527	77	580381	43.594	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	103421	43.616	ng	98
66) n-Nitrosodiphenylamine	10.486	169	499439	45.708	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	173022	45.353	ng	97
68) Hexachlorobenzene	10.927	284	185767	47.288	ng	98
69) Atrazine	11.022	200	194866	59.446	ng	98
70) Pentachlorophenol	11.122	266	214572	85.422	ng	100
71) Phenanthrene	11.339	178	855349	45.523	ng	100
72) Anthracene	11.392	178	881404	46.665	ng	100
73) Carbazole	11.545	167	753860	44.357	ng	100
74) Di-n-butylphthalate	11.874	149	899944	45.860	ng	100
75) Fluoranthene	12.527	202	863445	43.344	ng	100
77) Benzidine	12.651	184	371347	75.114	ng	99
78) Pyrene	12.757	202	876728	45.944	ng	99
80) Butylbenzylphthalate	13.374	149	322579	48.804	ng	99
81) Benzo(a)anthracene	13.951	228	688760	46.222	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	126075	29.536	ng	99
83) Chrysene	13.992	228	610220	44.351	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	379642	50.927	ng	99
85) Di-n-octyl phthalate	14.580	149	583387	54.857	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	612239	51.104	ng	100
88) Benzo(b)fluoranthene	15.021	252	590236	45.338	ng	100
89) Benzo(k)fluoranthene	15.051	252	436093	39.228	ng	99
90) Benzo(a)pyrene	15.380	252	485203	46.059	ng	97
91) Dibenzo(a,h)anthracene	16.909	278	494642	50.955	ng	100
92) Benzo(g,h,i)perylene	17.333	276	484949	47.739	ng	99

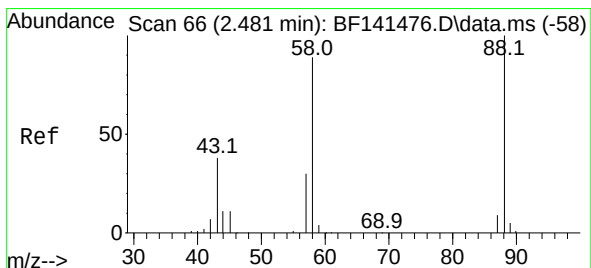
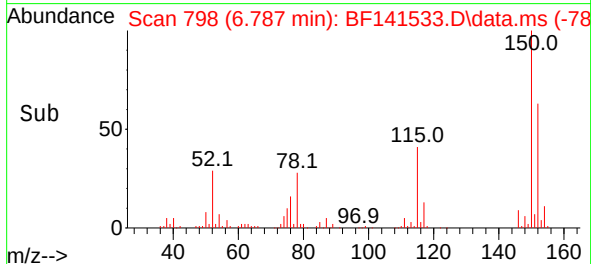
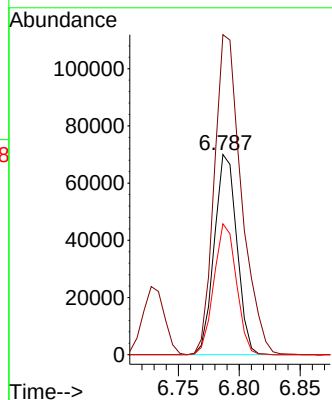
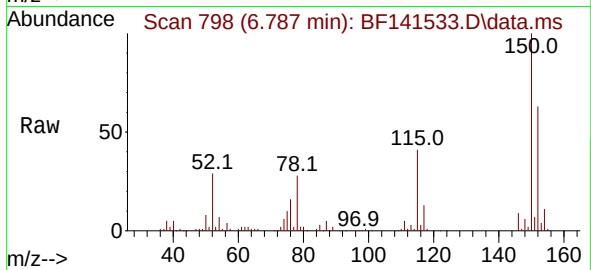
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141533.D
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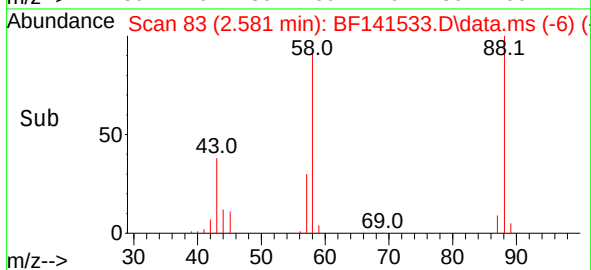
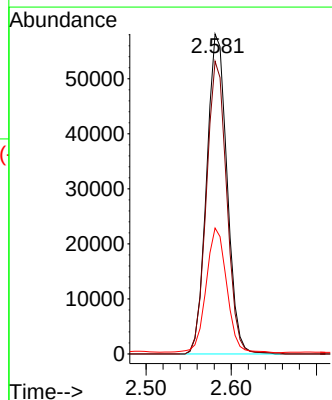
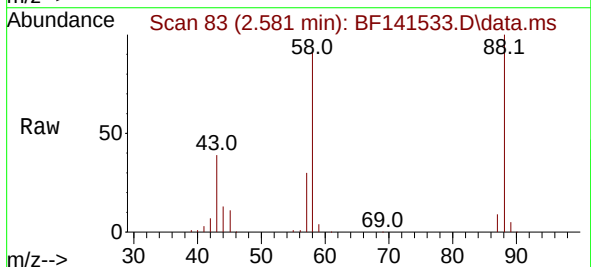
Instrument :
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 PB166619BS

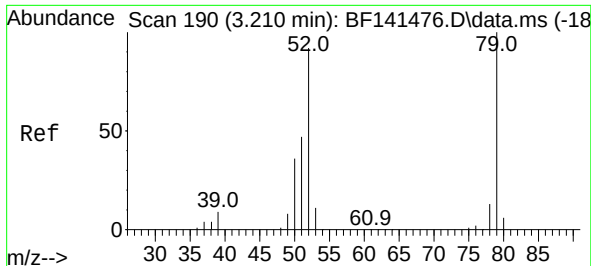
Tgt Ion:152 Resp: 90197
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.0 187.4
 115 65.4 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.787 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.100 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Tgt Ion: 88 Resp: 96761
 Ion Ratio Lower Upper
 88 100
 58 90.9 71.1 106.7
 43 39.4 30.6 46.0





#3

Pyridine

Concen: 41.889 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

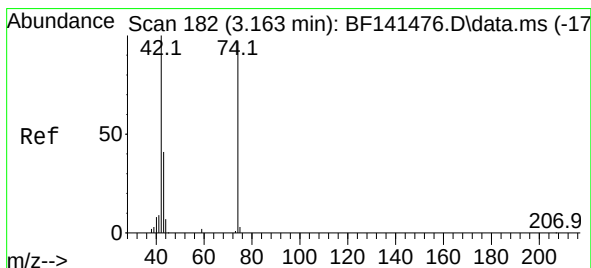
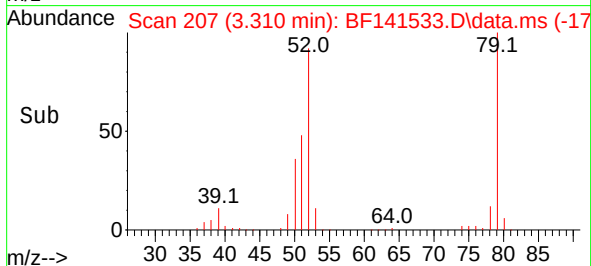
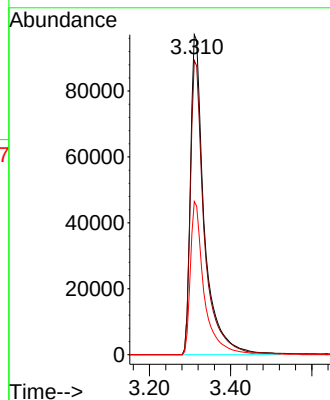
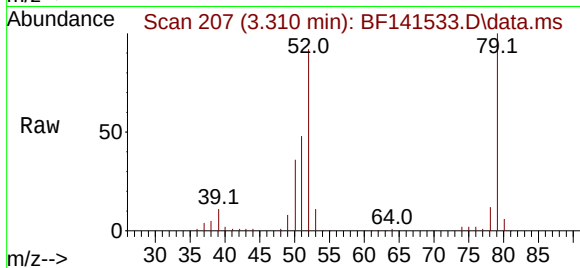
Tgt Ion: 79 Resp: 230819

Ion Ratio Lower Upper

79 100

52 91.9 73.7 110.5

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 44.178 ng

RT: 3.263 min Scan# 199

Delta R.T. 0.077 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

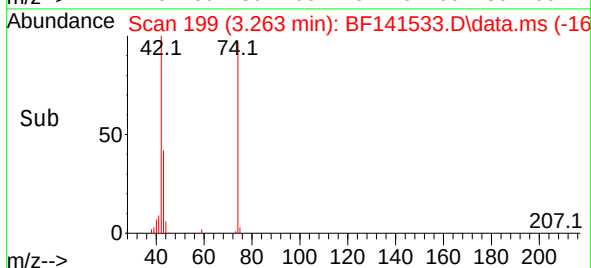
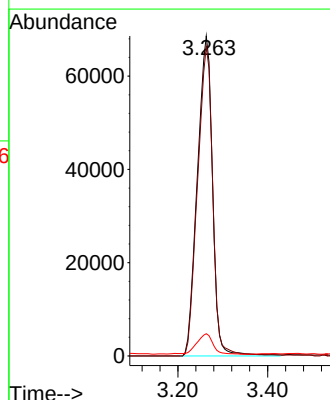
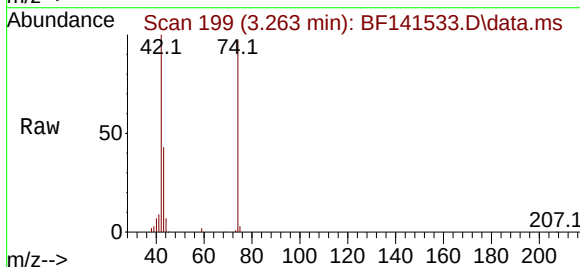
Tgt Ion: 42 Resp: 161187

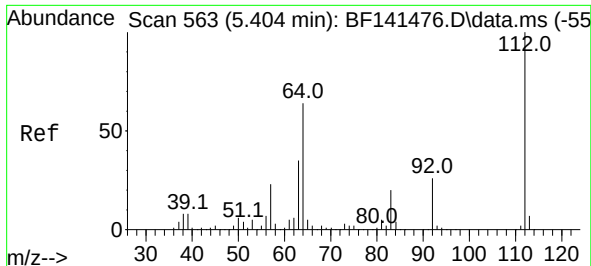
Ion Ratio Lower Upper

42 100

74 96.7 78.0 117.0

44 6.9 5.4 8.2

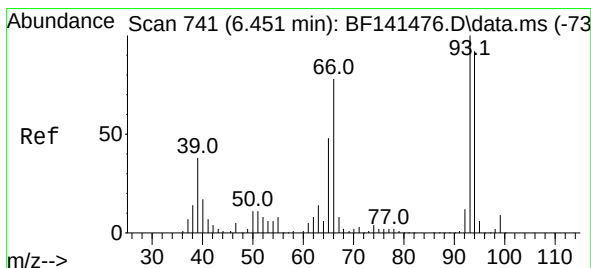
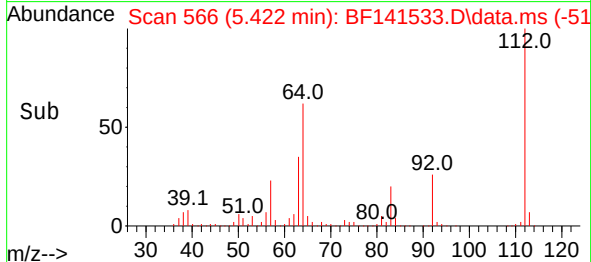
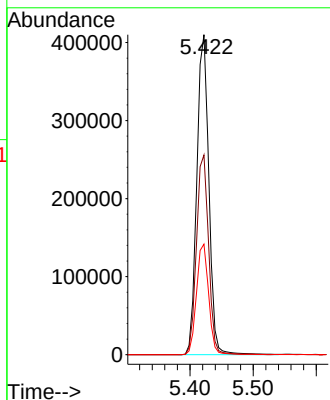
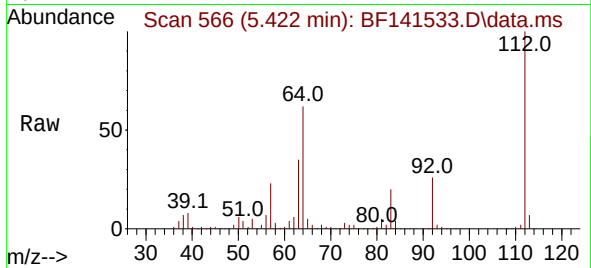




#5
2-Fluorophenol
Concen: 94.259 ng
RT: 5.422 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

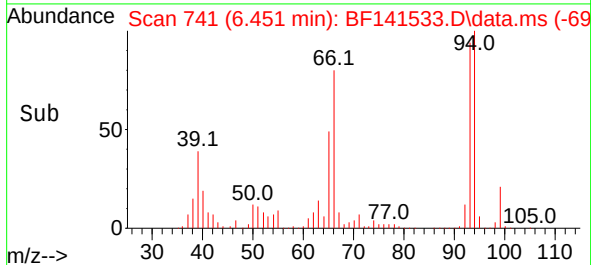
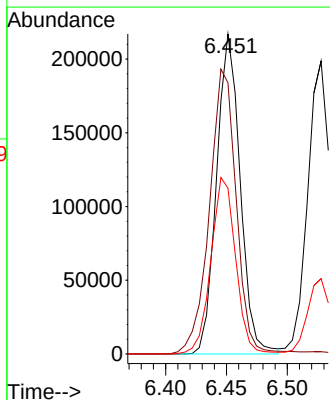
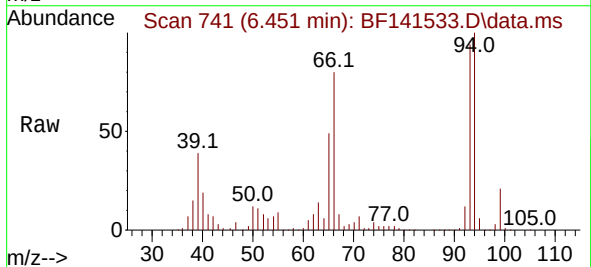
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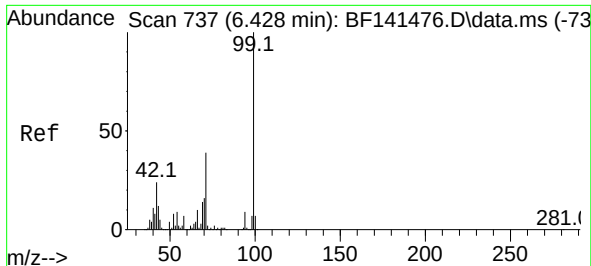
Tgt Ion:112 Resp: 542298
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 34.5 28.4 42.6



#6
Aniline
Concen: 42.978 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 93 Resp: 293162
Ion Ratio Lower Upper
93 100
66 84.8 62.6 94.0
65 51.8 38.3 57.5

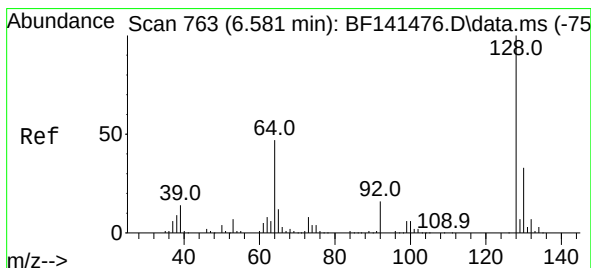
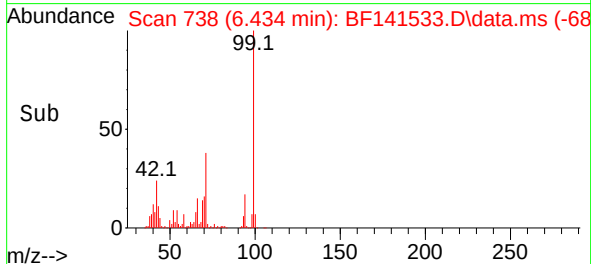
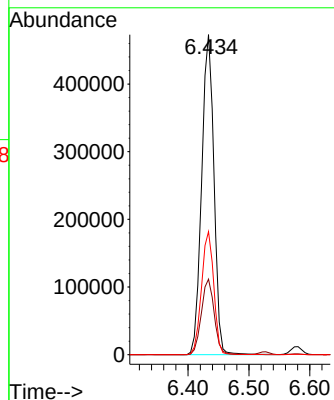
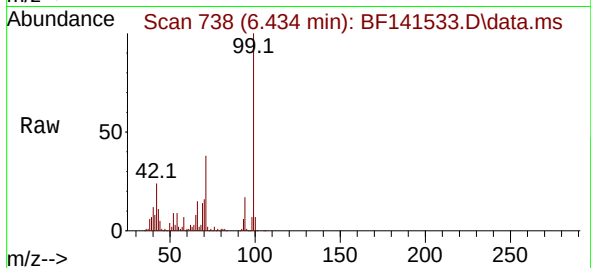




#7
Phenol-d6
Concen: 91.249 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

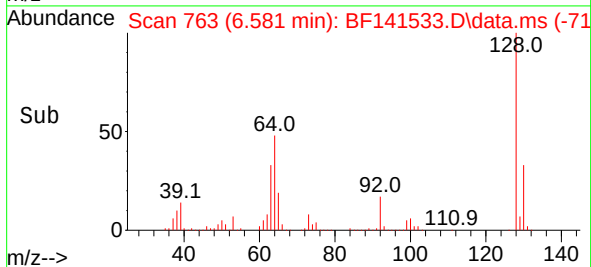
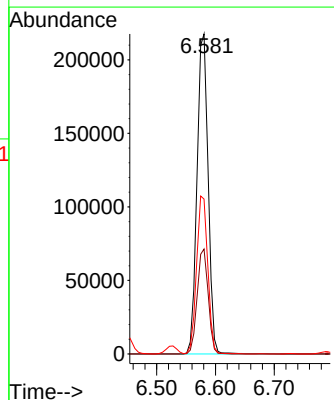
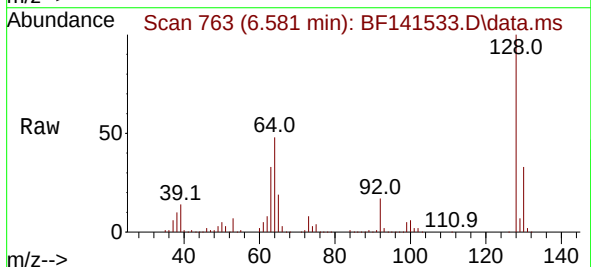
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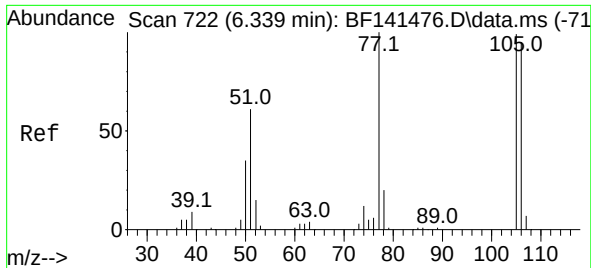
Tgt Ion: 99 Resp: 663533
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 38.5 31.1 46.7



#8
2-Chlorophenol
Concen: 45.971 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 128 Resp: 285789
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 48.4 28.3 68.3

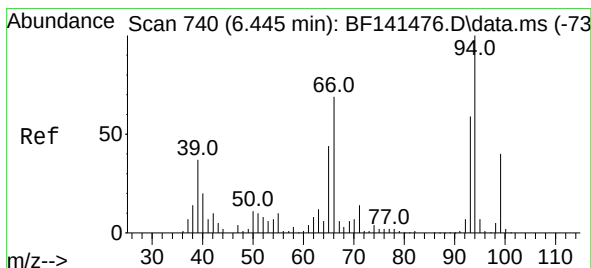
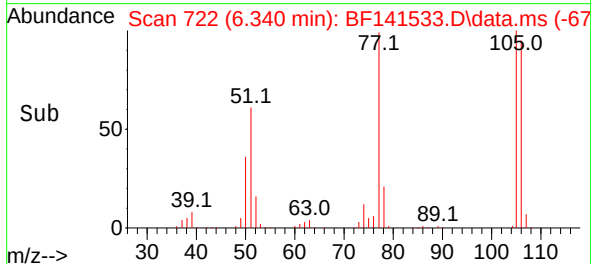
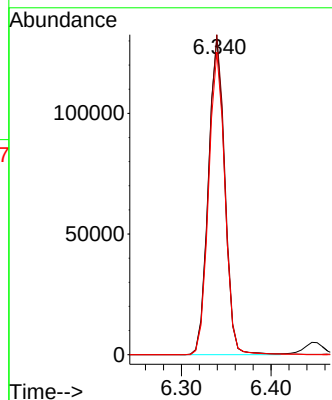
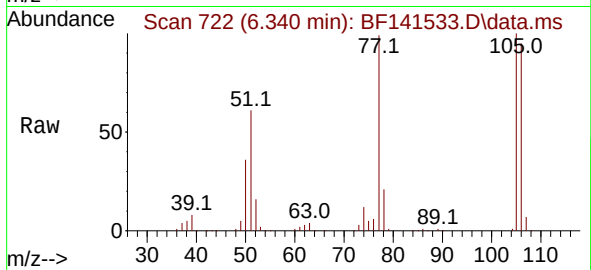




#9
Benzaldehyde
Concen: 42.850 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

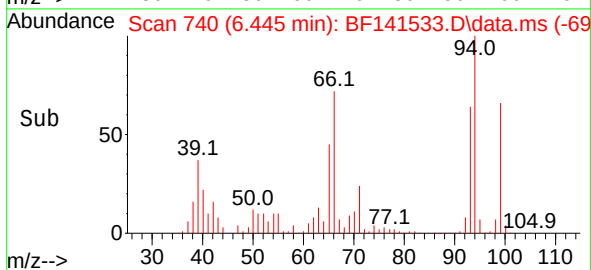
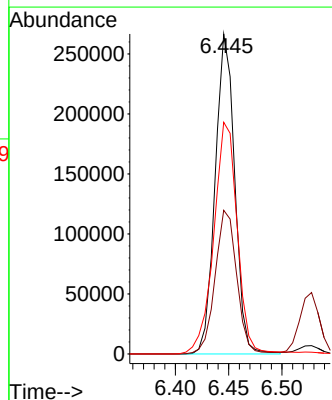
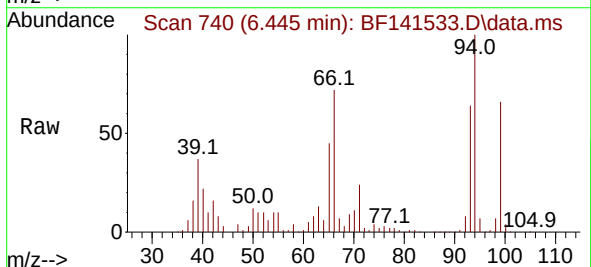
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BNA_F
ClientSampleId :
PB166619BS

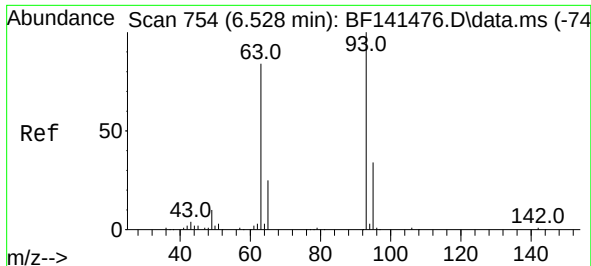
Tgt Ion: 77 Resp: 165581
Ion Ratio Lower Upper
77 100
105 101.3 79.4 119.4
106 95.8 75.1 115.1



#10
Phenol
Concen: 44.949 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 94 Resp: 340192
Ion Ratio Lower Upper
94 100
65 44.9 23.7 63.7
66 72.4 49.3 89.3

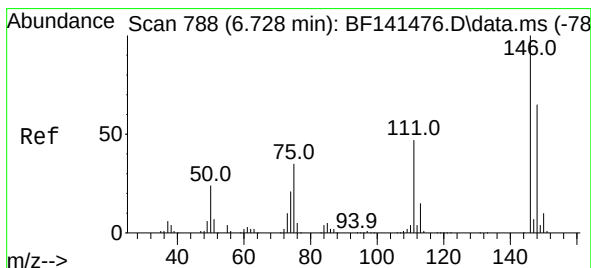
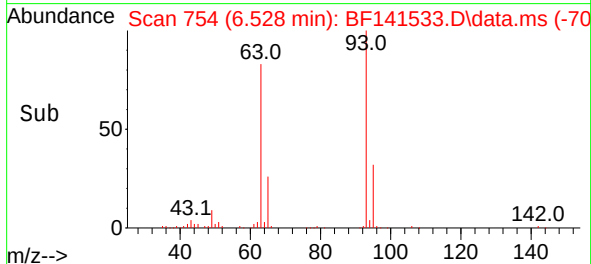
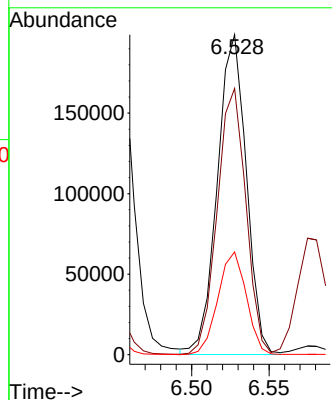
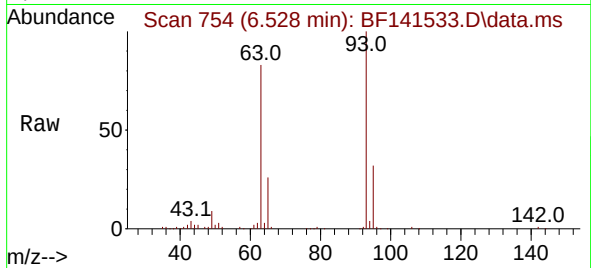




#11
bis(2-Chloroethyl)ether
Concen: 45.464 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

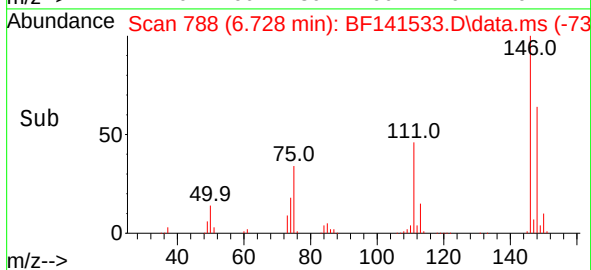
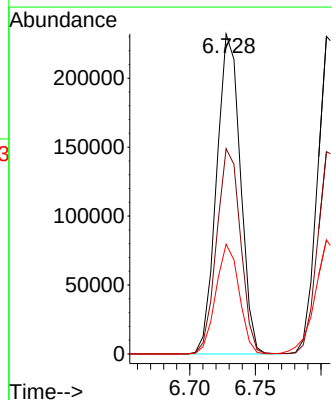
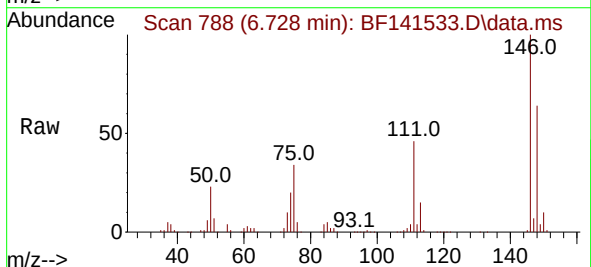
Instrument :
BNA_F
ClientSampleId :
PB166619BS

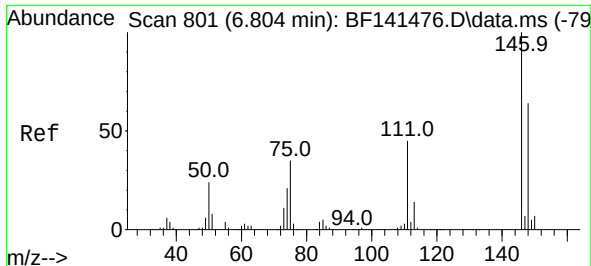
Tgt Ion: 93 Resp: 258448
Ion Ratio Lower Upper
93 100
63 83.2 62.0 102.0
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.497 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:146 Resp: 292036
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 34.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 44.440 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

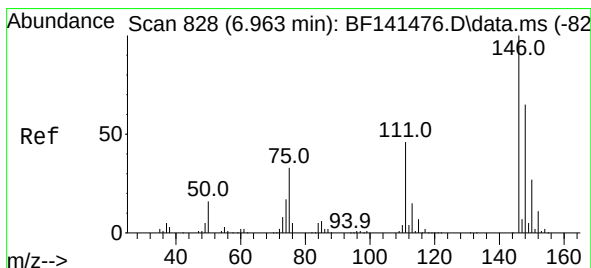
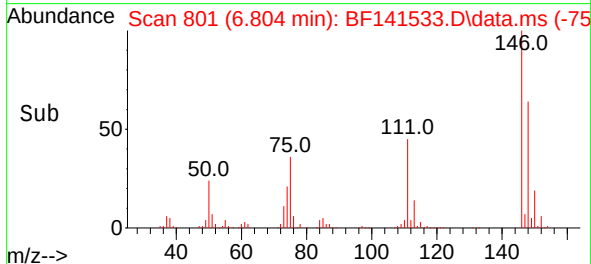
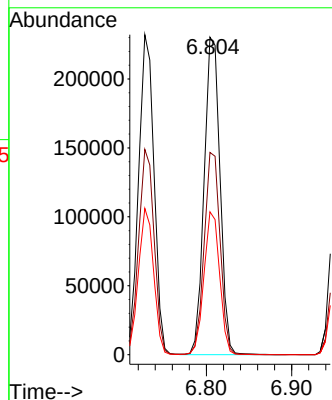
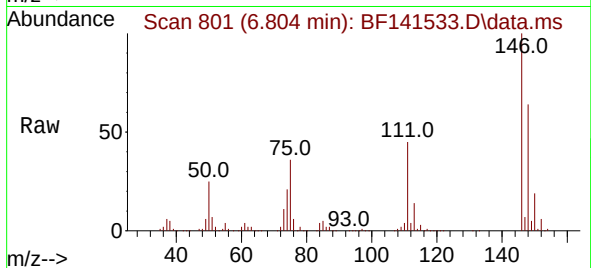
Tgt Ion:146 Resp: 297996

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

111 45.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.098 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

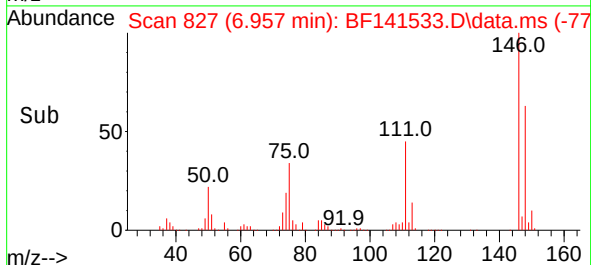
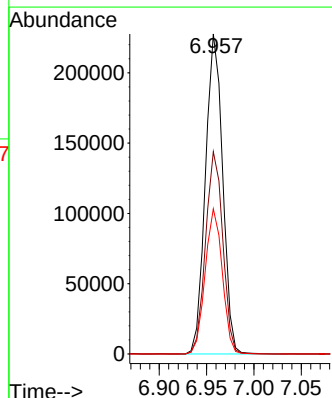
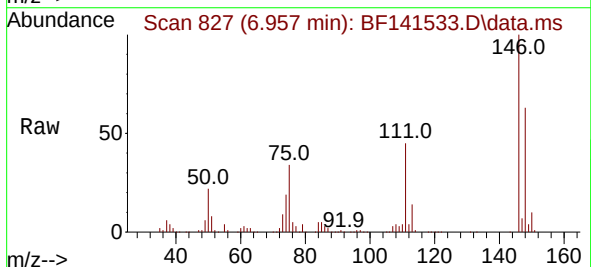
Tgt Ion:146 Resp: 286894

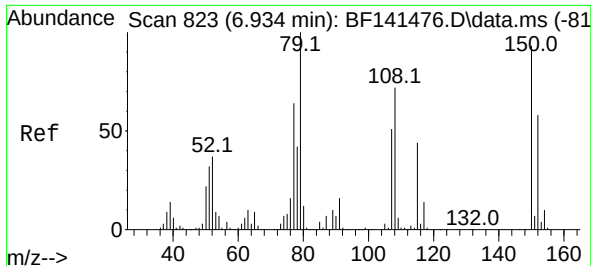
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

111 45.3 37.0 55.4





#15

Benzyl Alcohol

Concen: 45.358 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

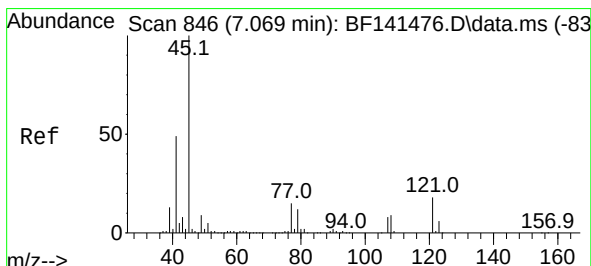
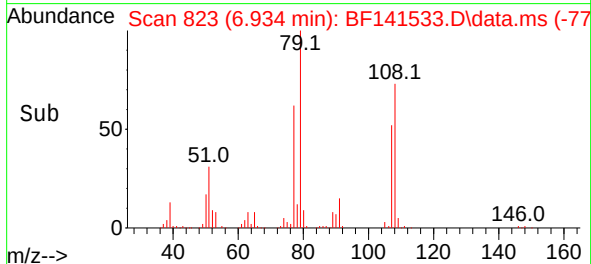
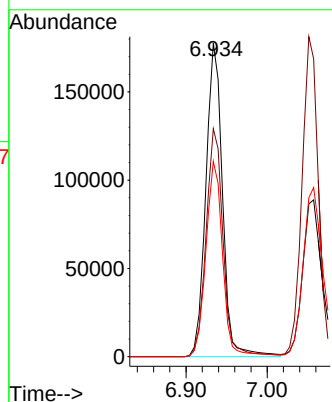
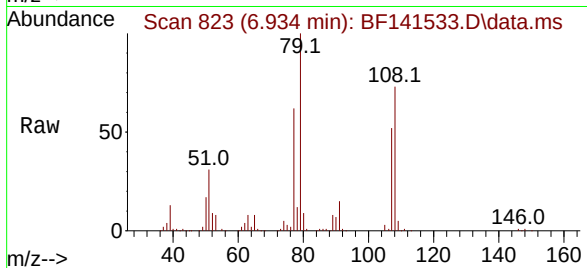
Tgt Ion: 79 Resp: 252931

Ion Ratio Lower Upper

79 100

108 72.7 57.4 86.2

77 62.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.026 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

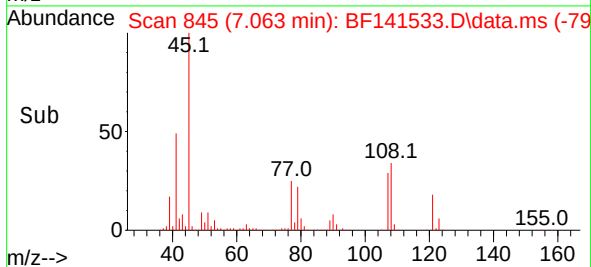
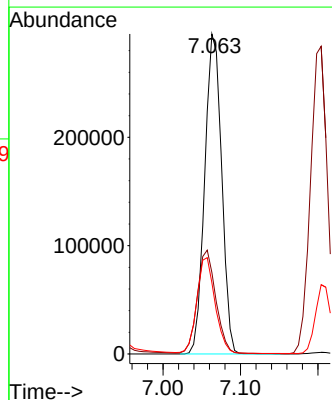
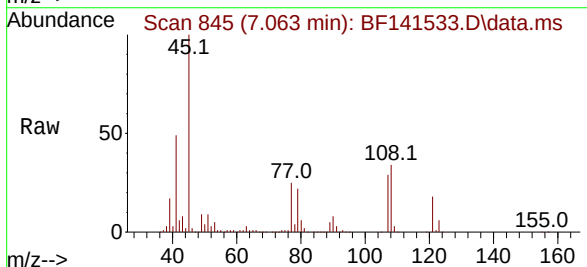
Tgt Ion: 45 Resp: 447885

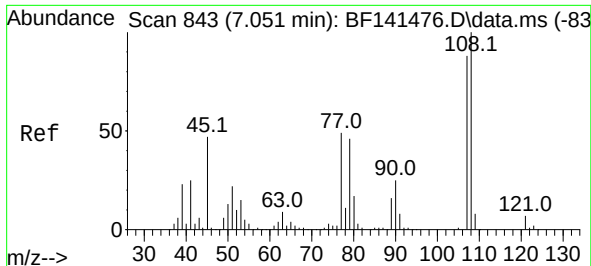
Ion Ratio Lower Upper

45 100

77 25.5 0.0 35.8

79 22.2 0.0 32.7

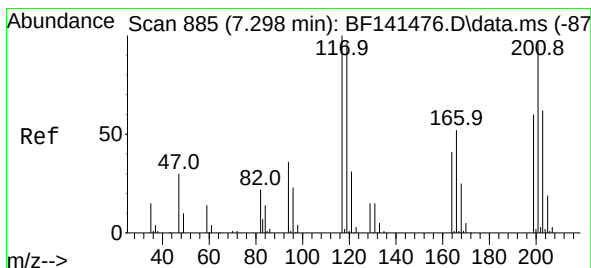
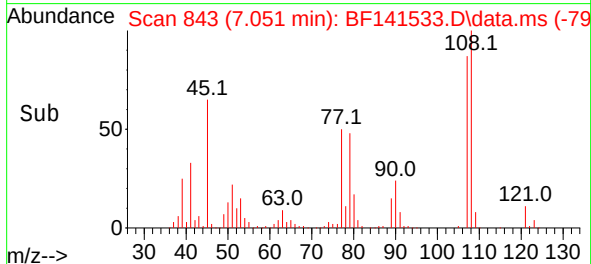
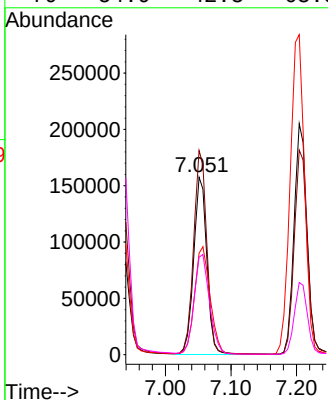
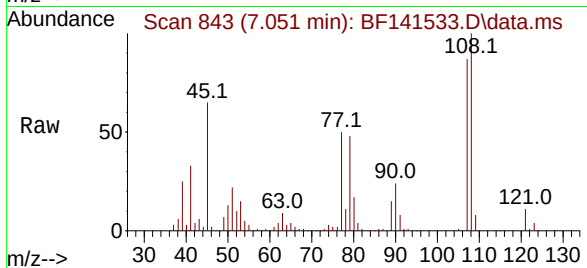




#17
2-Methylphenol
Concen: 45.512 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

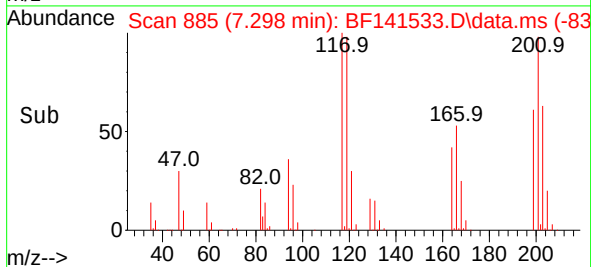
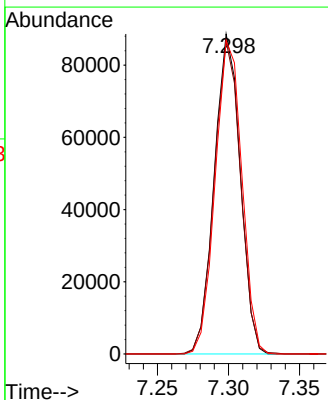
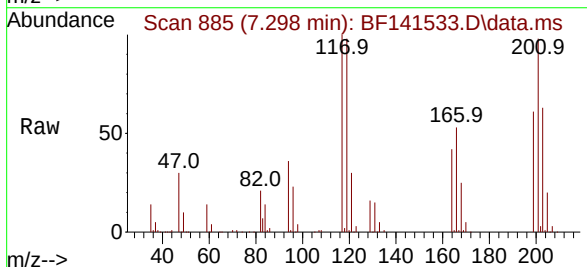
Instrument :
BNA_F
ClientSampleId :
PB166619BS

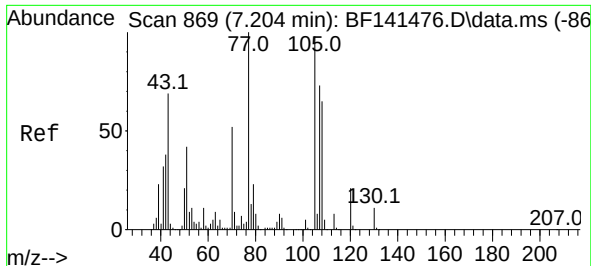
Tgt Ion:	107	Resp:	221410
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.6	136.0
77	57.1	44.4	66.6
79	54.9	42.3	63.5



#18
Hexachloroethane
Concen: 45.461 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:	117	Resp:	112819
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.5	114.7
201	98.0	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 45.257 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion: 70 Resp: 196850

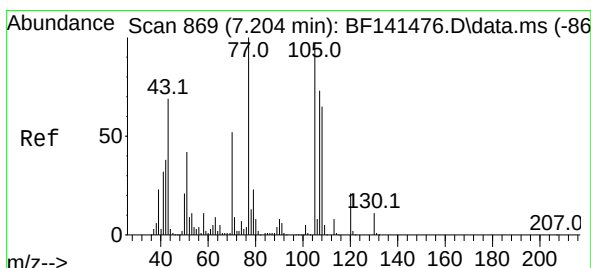
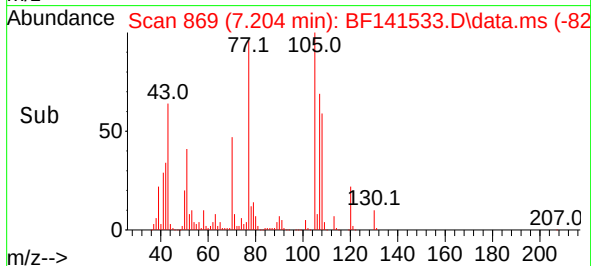
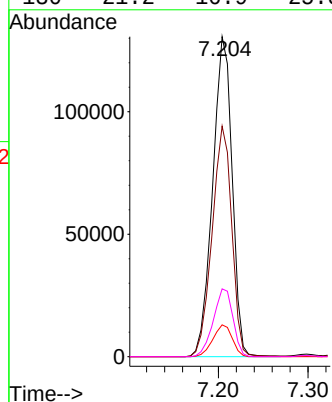
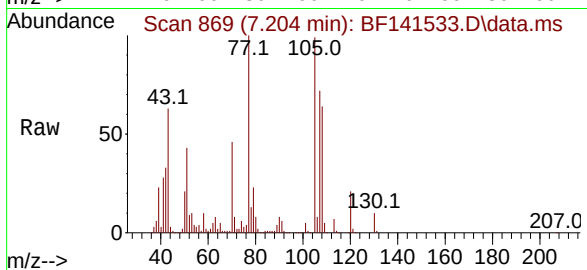
Ion Ratio Lower Upper

70 100

42 72.1 57.4 86.2

101 10.0 8.0 12.0

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.491 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion:107 Resp: 281250

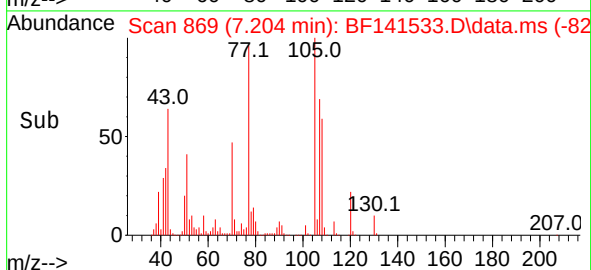
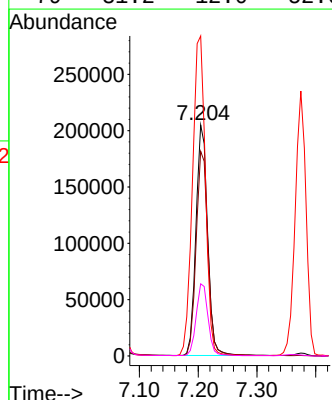
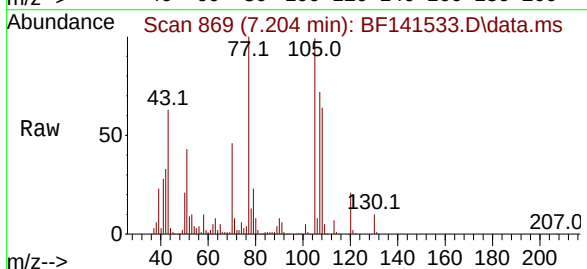
Ion Ratio Lower Upper

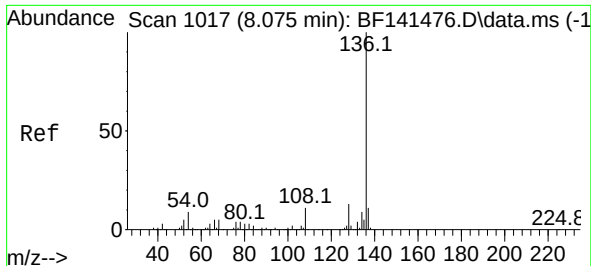
107 100

108 88.5 68.5 108.5

77 138.5 116.5 156.5

79 31.2 12.0 52.0



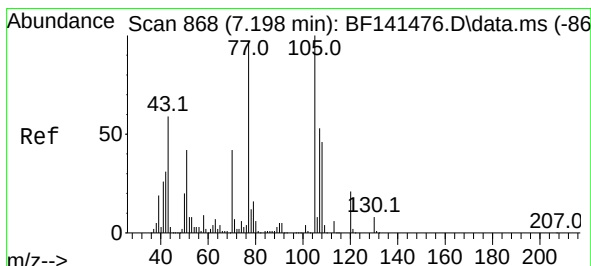
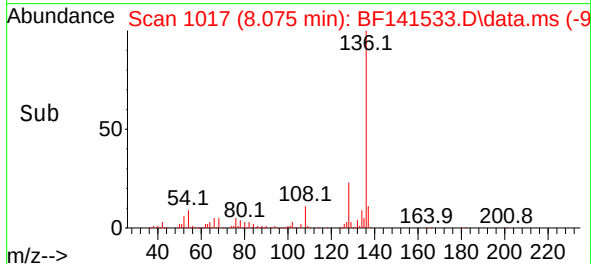
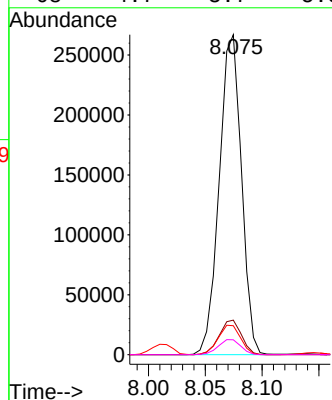
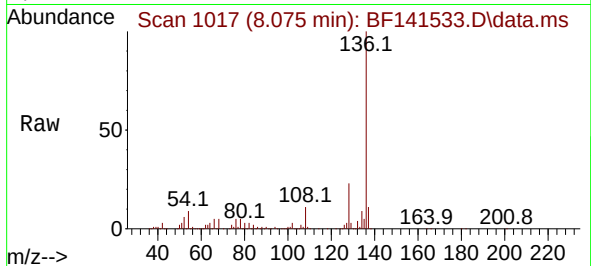


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS

Tgt Ion:136 Resp: 363645

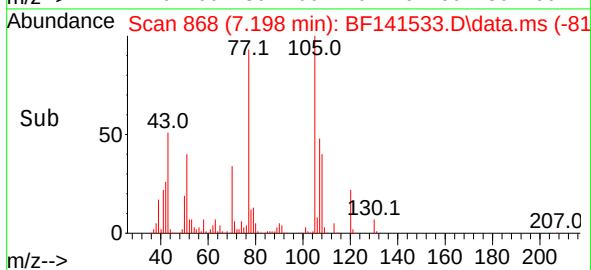
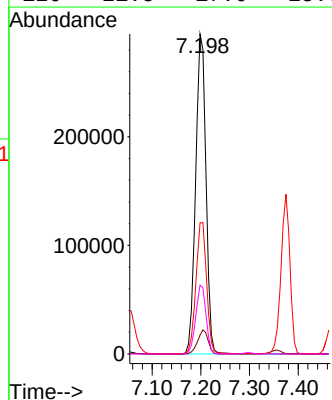
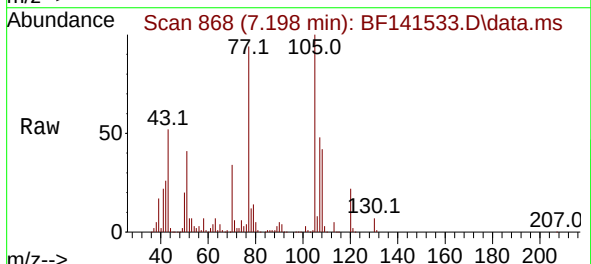
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	7.2	10.8
68	4.7	3.7	5.5

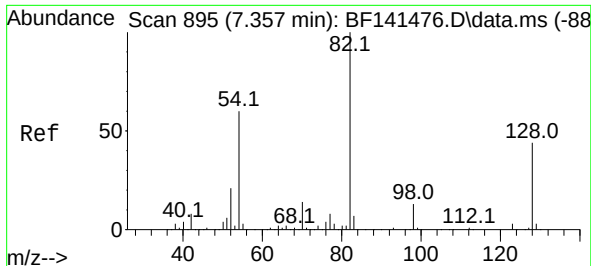


#22
Acetophenone
Concen: 48.205 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:105 Resp: 436054

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.7	8.5
51	40.9	33.7	50.5
120	21.5	17.0	25.6





#23

Nitrobenzene-d5

Concen: 94.969 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

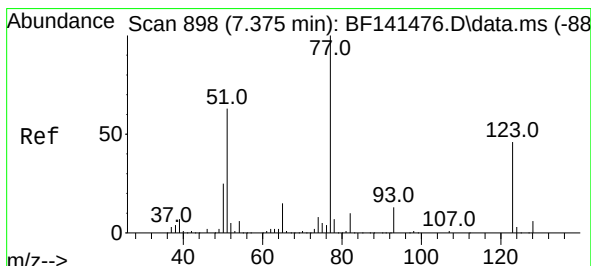
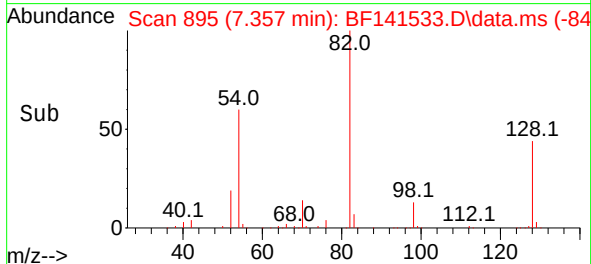
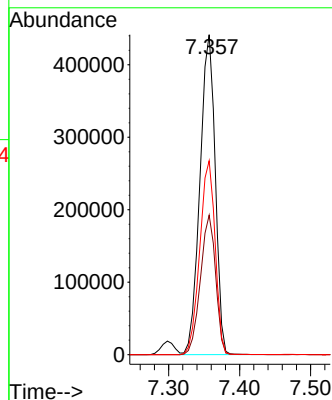
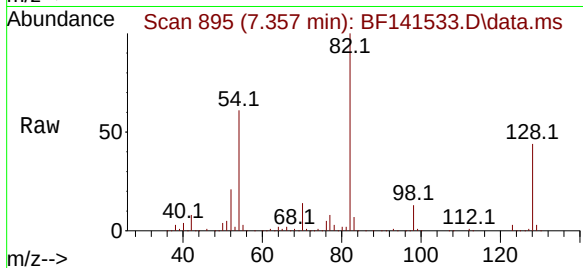
BNA_F

ClientSampleId :

PB166619BS

Tgt Ion: 82 Resp: 662117

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.8	52.2
54	60.6	48.2	72.4



#24

Nitrobenzene

Concen: 44.420 ng

RT: 7.375 min Scan# 898

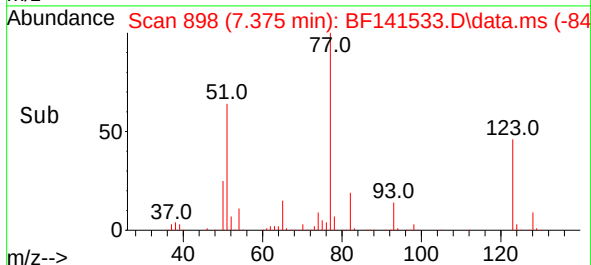
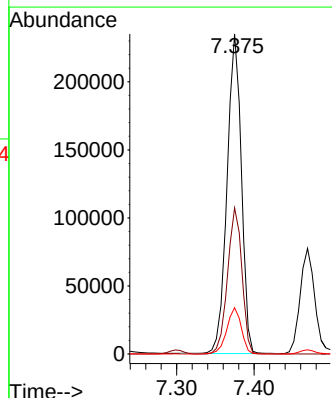
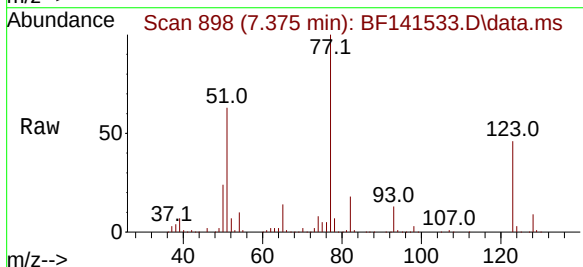
Delta R.T. -0.006 min

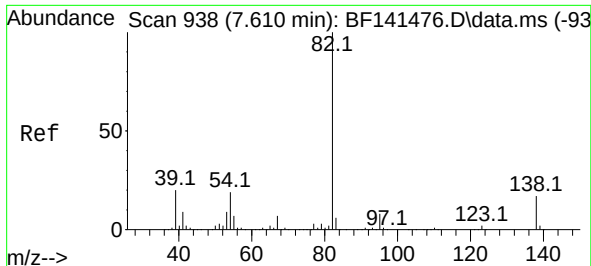
Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion: 77 Resp: 301990

Ion	Ratio	Lower	Upper
77	100		
123	45.7	36.9	55.3
65	14.5	11.9	17.9

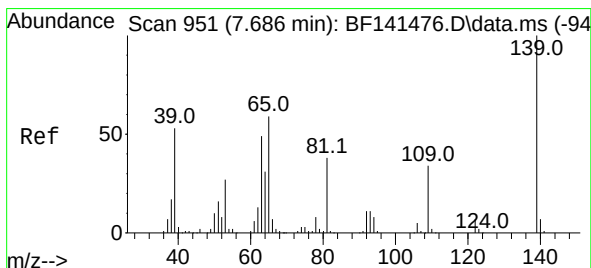
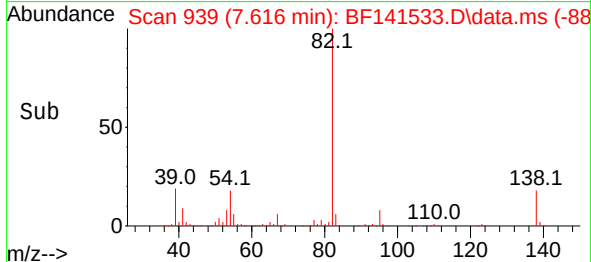
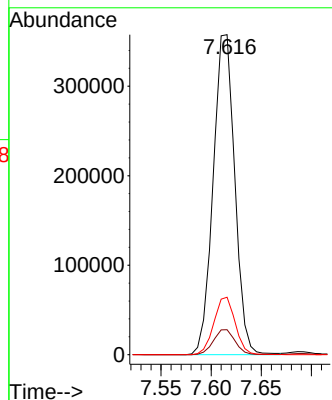
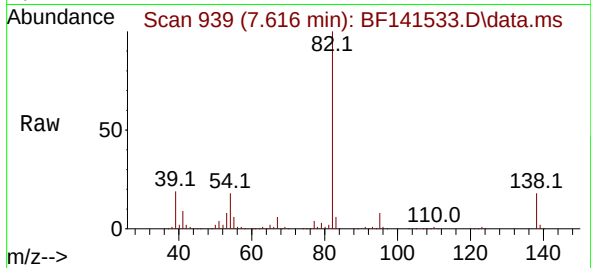




#25
Isophorone
Concen: 48.350 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

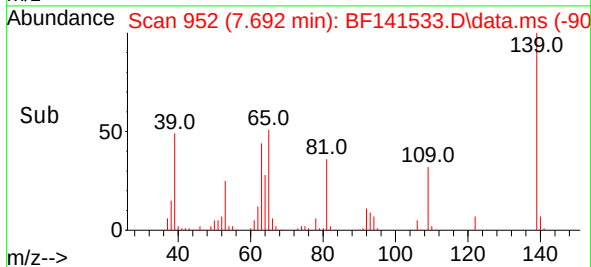
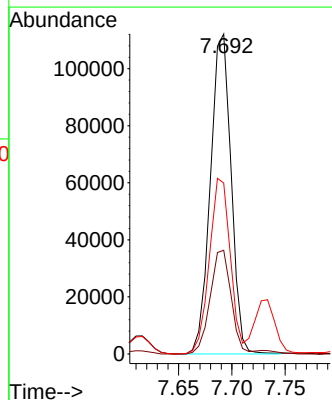
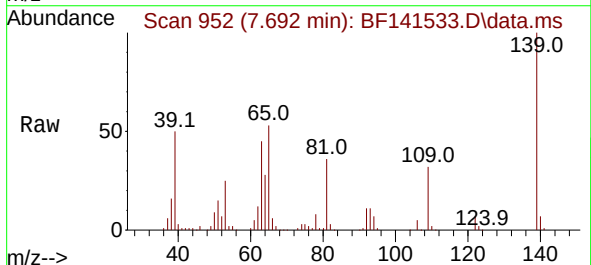
Instrument :
BNA_F
ClientSampleId :
PB166619BS

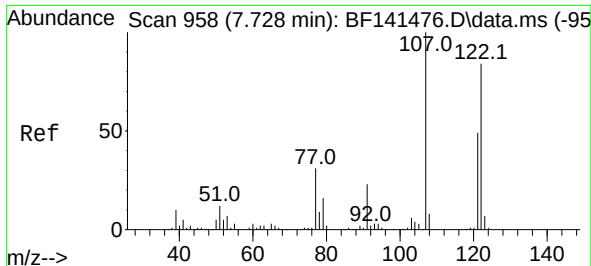
Tgt Ion: 82 Resp: 537486
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 44.882 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:139 Resp: 151808
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 53.4 47.1 70.7

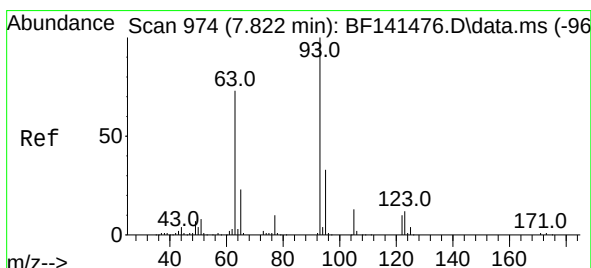
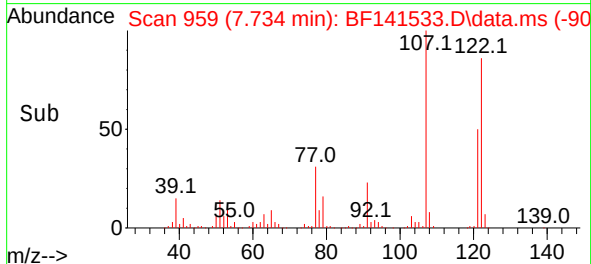
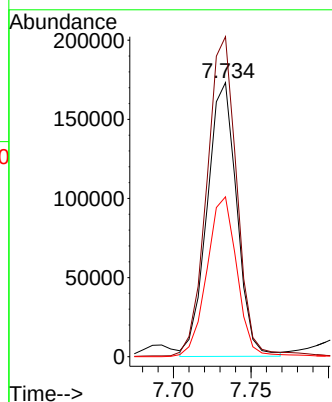
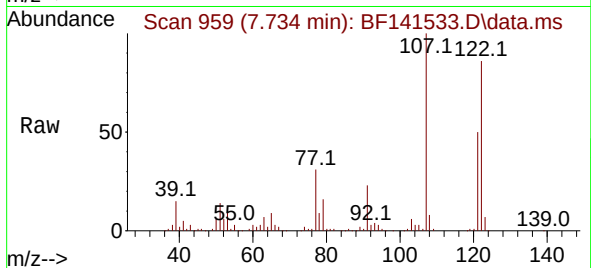




#27
2,4-Dimethylphenol
Concen: 58.395 ng
RT: 7.734 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

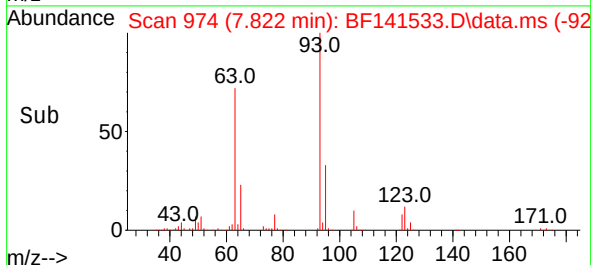
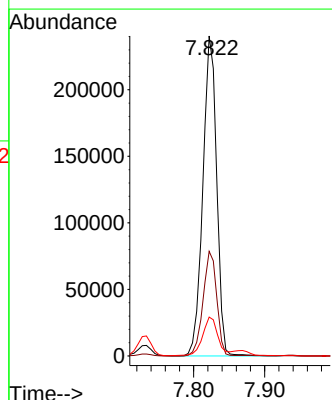
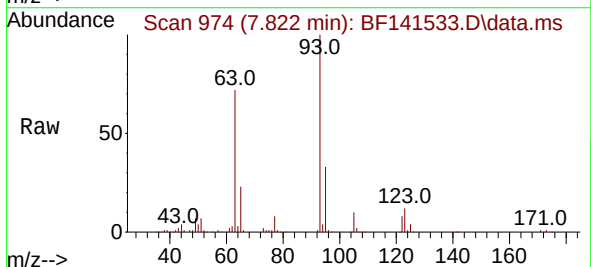
Instrument :
BNA_F
ClientSampleId :
PB166619BS

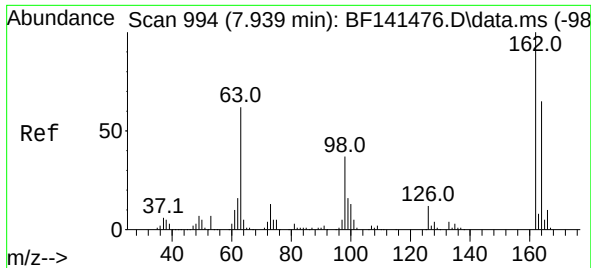
Tgt Ion:	122	Resp:	230740
Ion	Ratio	Lower	Upper
122	100		
107	116.7	94.3	141.5
121	58.3	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.798 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:	93	Resp:	326230
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	12.2	9.5	14.3

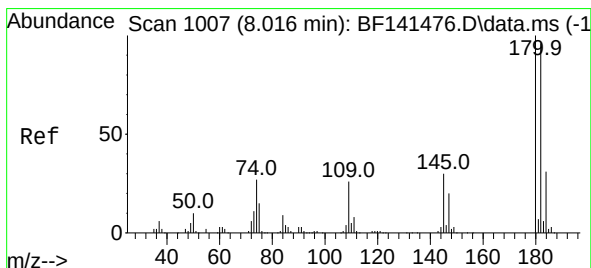
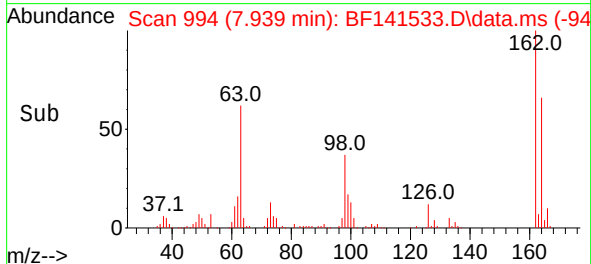
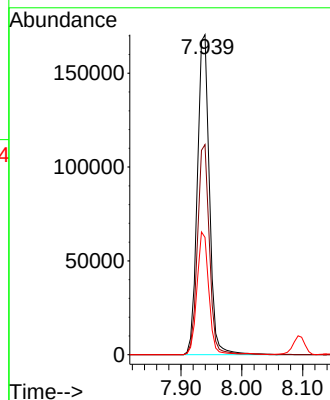
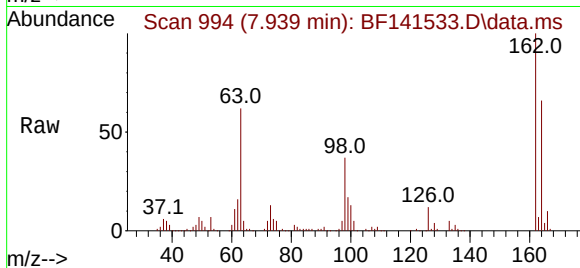




#29
2,4-Dichlorophenol
Concen: 43.969 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

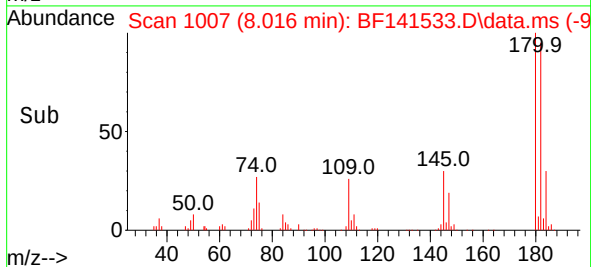
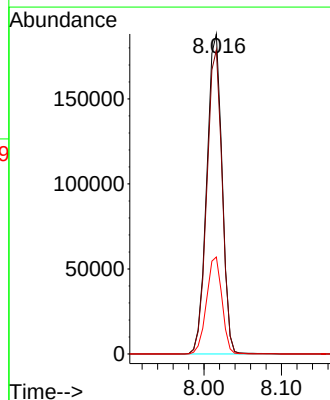
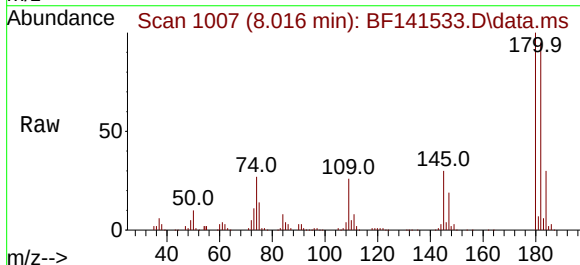
Instrument :
BNA_F
ClientSampleId :
PB166619BS

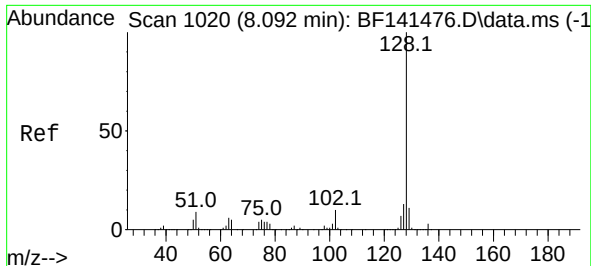
Tgt Ion:162 Resp: 234745
Ion Ratio Lower Upper
162 100
164 65.7 44.6 84.6
98 36.6 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.364 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:180 Resp: 257928
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 30.3 24.2 36.4

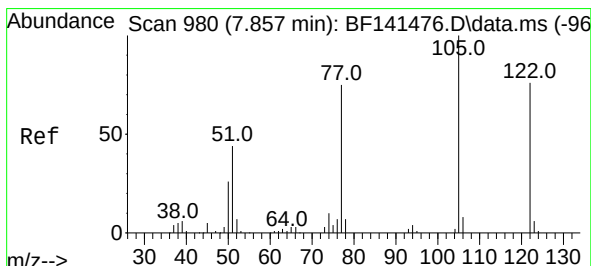
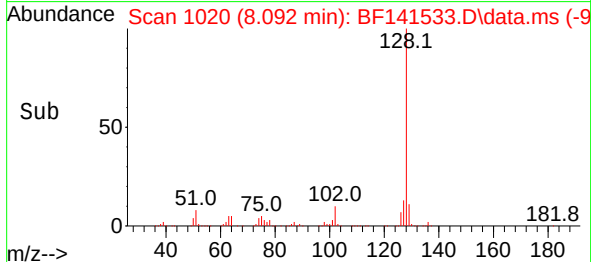
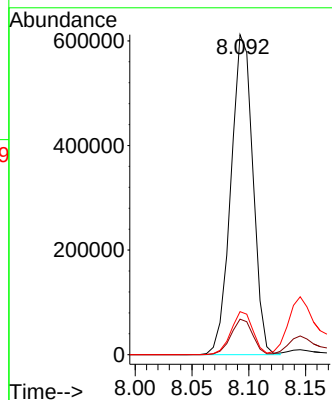
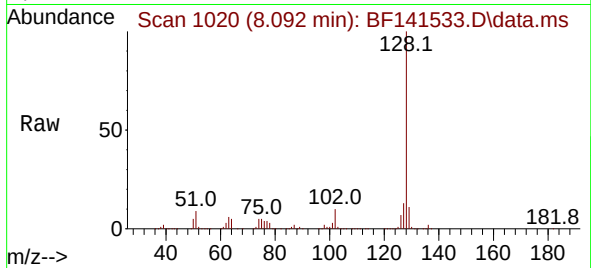




#31
Naphthalene
Concen: 43.419 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

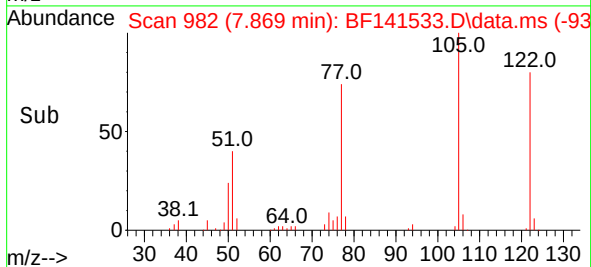
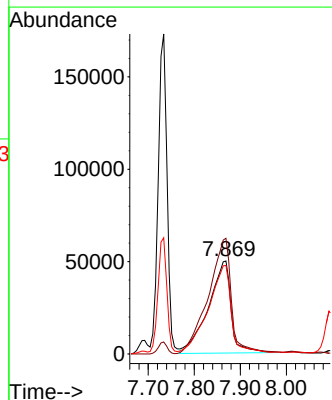
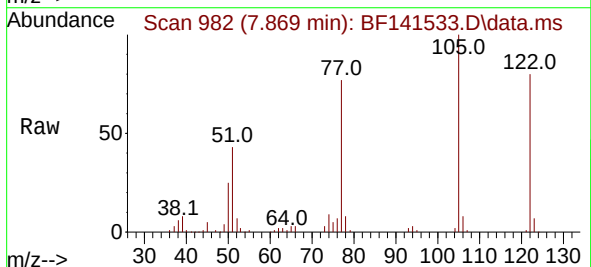
Instrument :
BNA_F
ClientSampleId :
PB166619BS

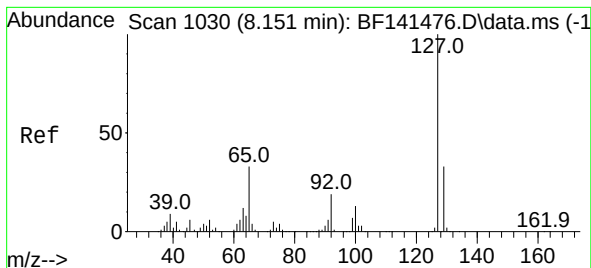
Tgt Ion:128 Resp: 821878
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 41.952 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:122 Resp: 172184
Ion Ratio Lower Upper
122 100
105 124.3 106.5 146.5
77 95.2 76.3 116.3





#33

4-Chloroaniline

Concen: 33.060 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:127 Resp: 218486

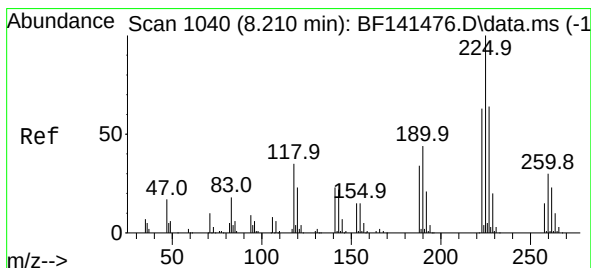
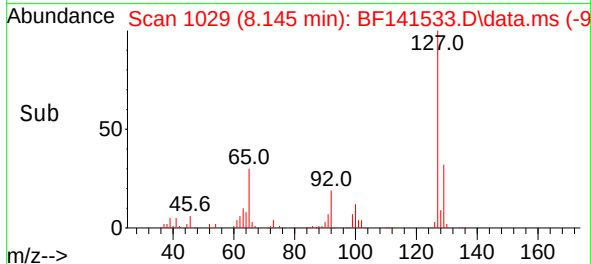
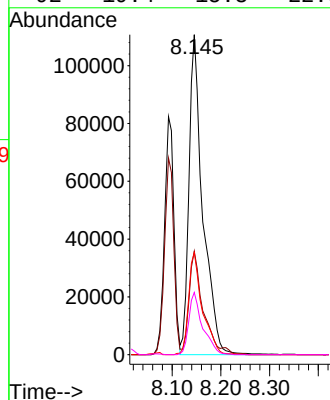
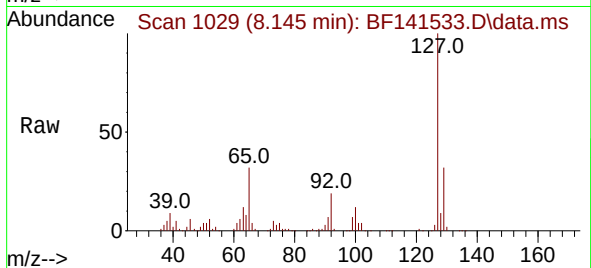
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 32.0 26.4 39.6

92 19.4 15.3 22.9



#34

Hexachlorobutadiene

Concen: 45.398 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

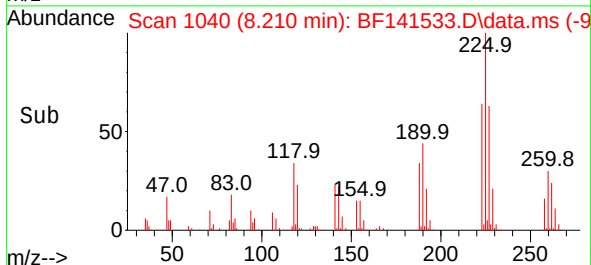
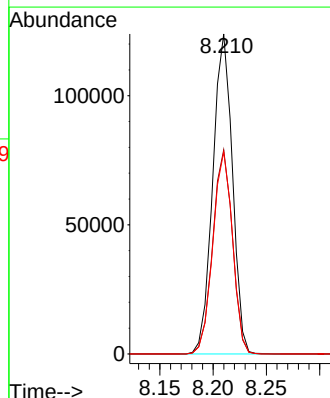
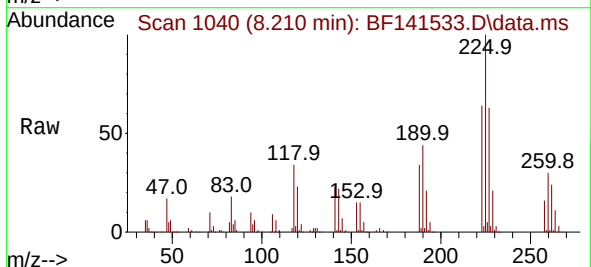
Tgt Ion:225 Resp: 158452

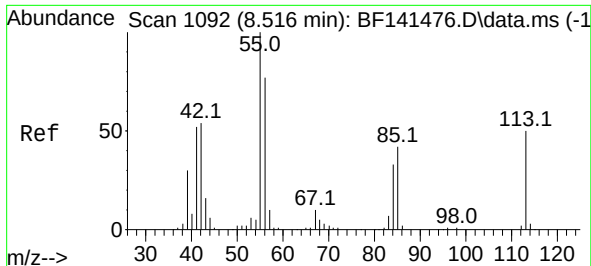
Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

227 63.2 51.0 76.6





#35

Caprolactam

Concen: 18.426 ng

RT: 8.557 min Scan# 1099

Delta R.T. 0.012 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

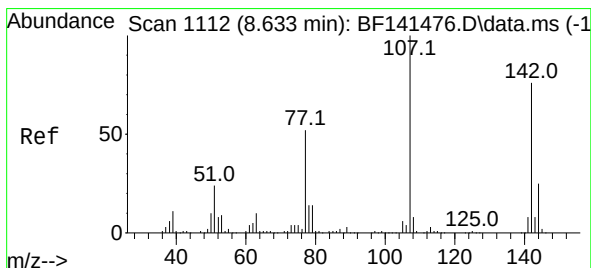
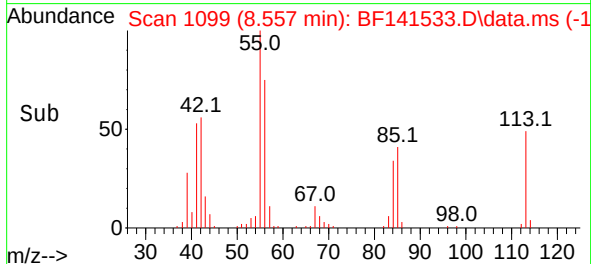
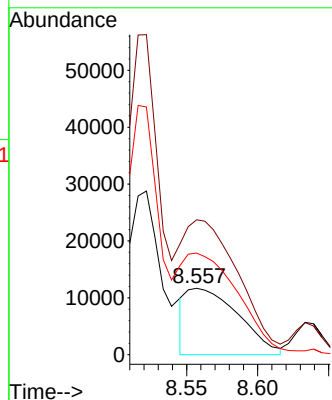
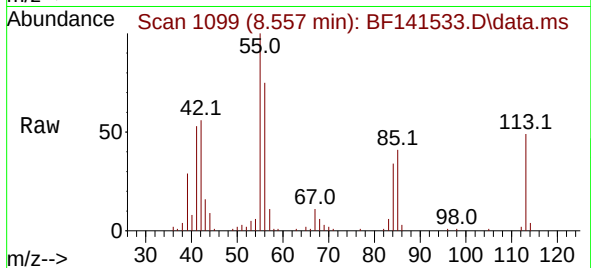
Tgt Ion:113 Resp: 29952

Ion Ratio Lower Upper

113 100

55 203.1 180.8 220.8

56 152.9 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 43.886 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

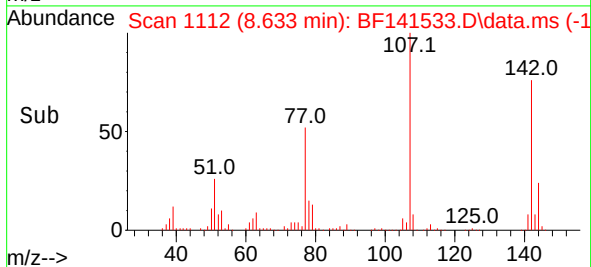
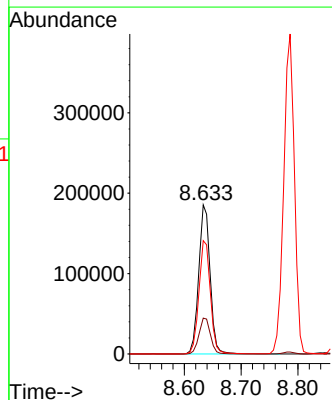
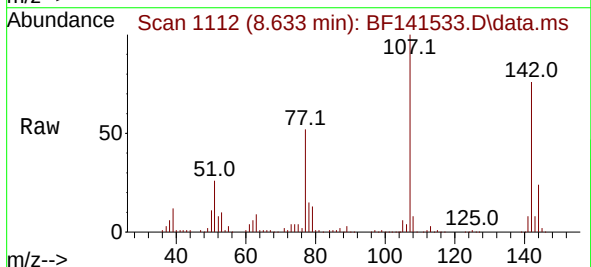
Tgt Ion:107 Resp: 259537

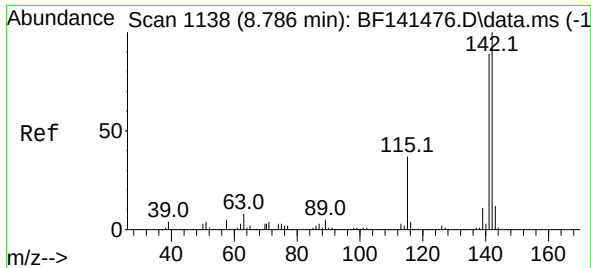
Ion Ratio Lower Upper

107 100

144 24.1 19.7 29.5

142 76.0 60.8 91.2





#37

2-Methylnaphthalene

Concen: 42.427 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

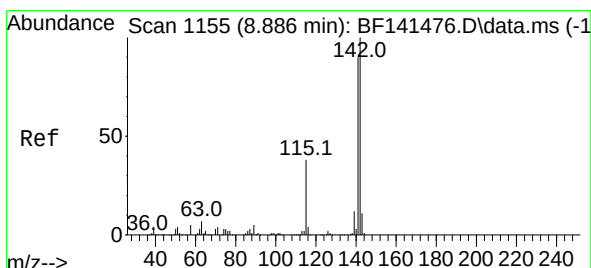
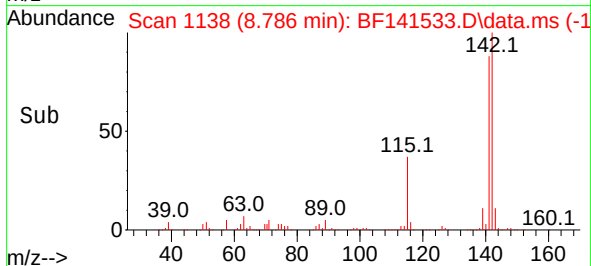
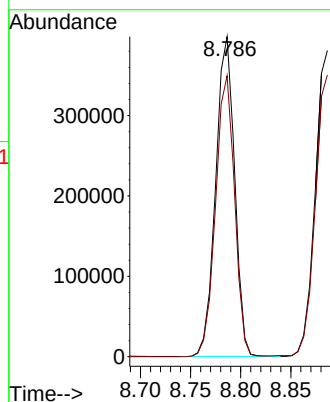
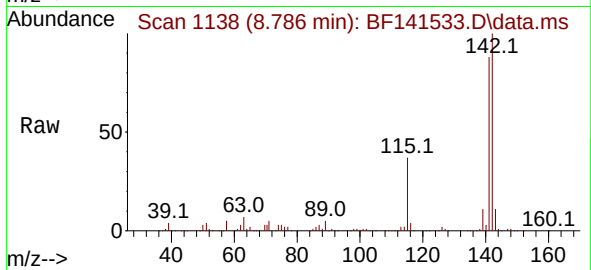
PB166619BS

Tgt Ion:142 Resp: 522602

Ion Ratio Lower Upper

142 100

141 87.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.606 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141533.D

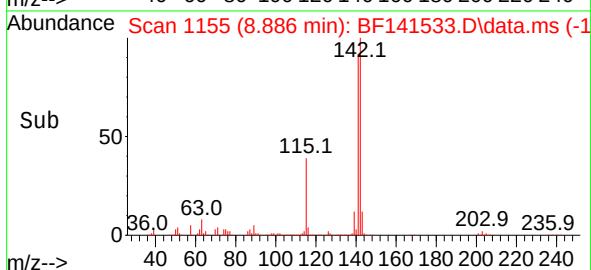
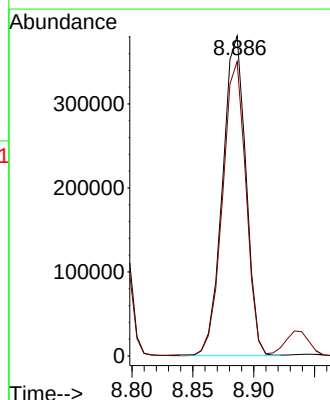
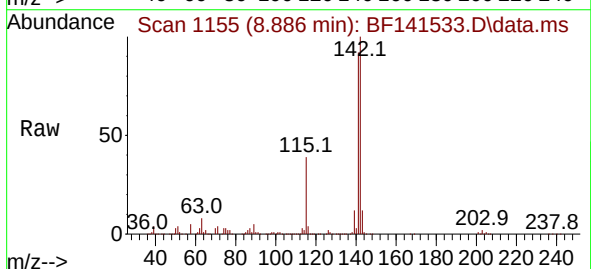
Acq: 10 Feb 2025 12:26

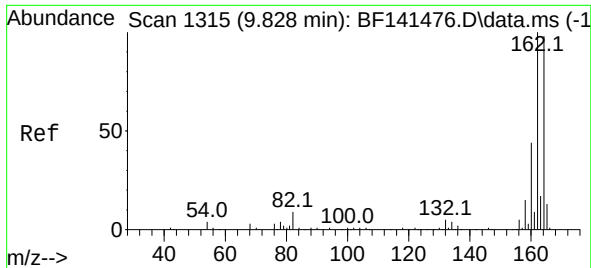
Tgt Ion:142 Resp: 508295

Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

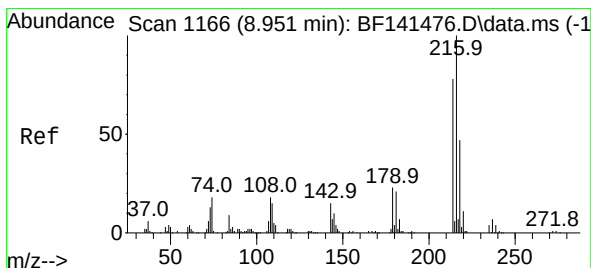
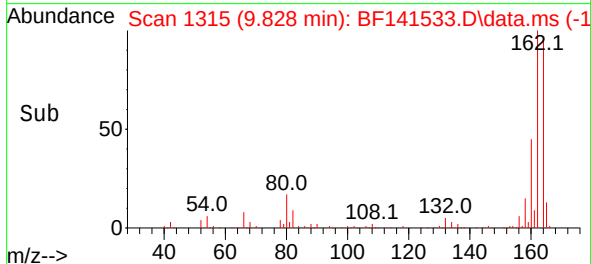
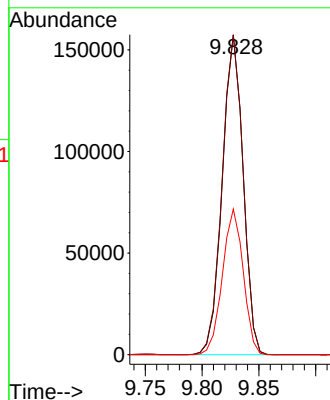
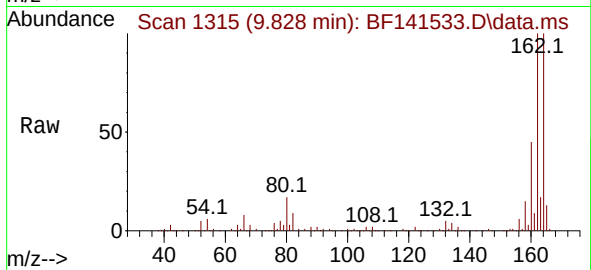
Tgt Ion:164 Resp: 200498

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.698 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion:216 Resp: 282482

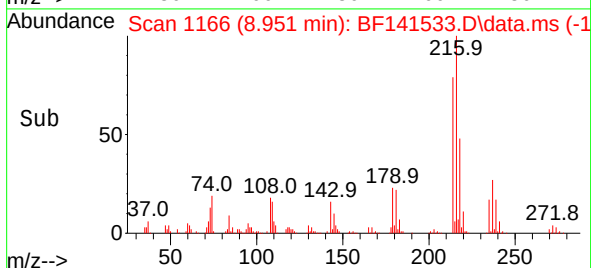
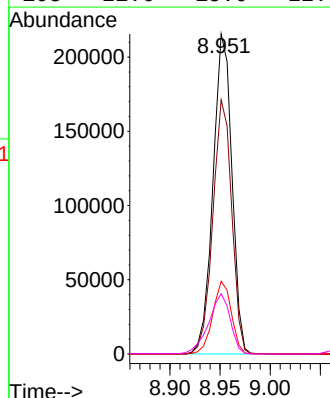
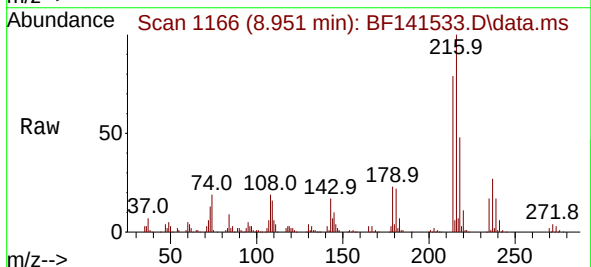
Ion Ratio Lower Upper

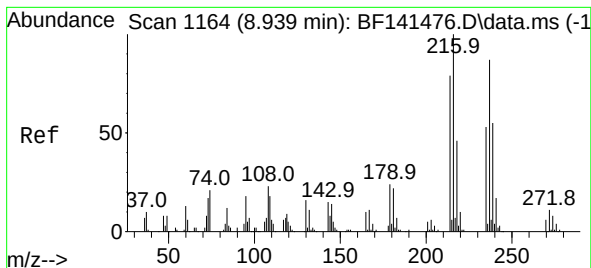
216 100

214 79.2 62.3 93.5

179 22.4 18.0 27.0

108 21.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 164.405 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

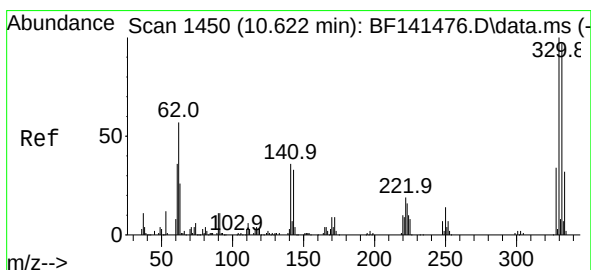
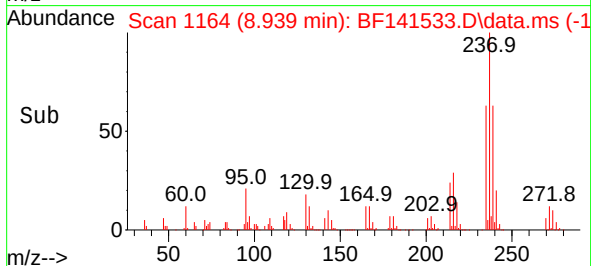
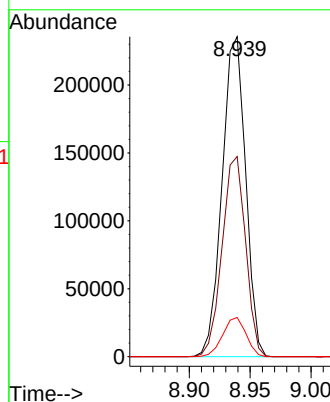
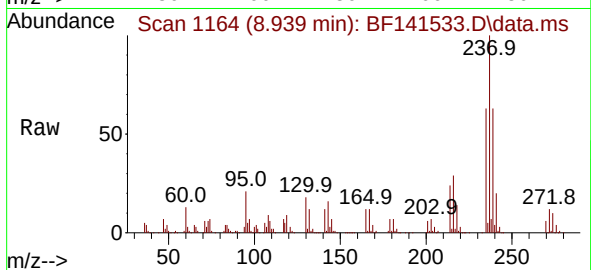
Tgt Ion:237 Resp: 317193

Ion Ratio Lower Upper

237 100

235 62.6 41.4 81.4

272 12.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 91.915 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

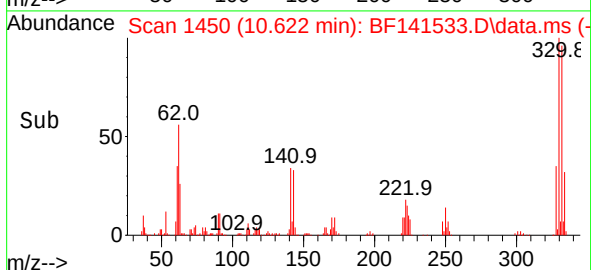
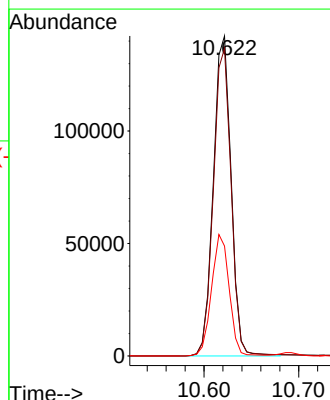
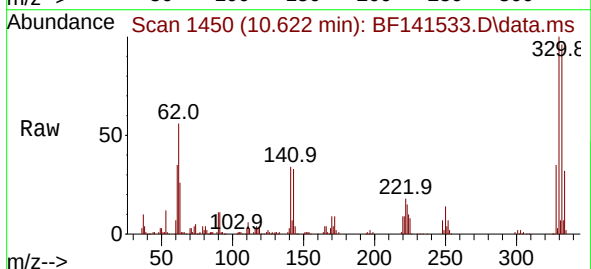
Tgt Ion:330 Resp: 185126

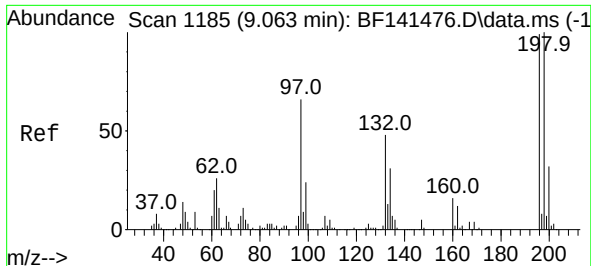
Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 37.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.429 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

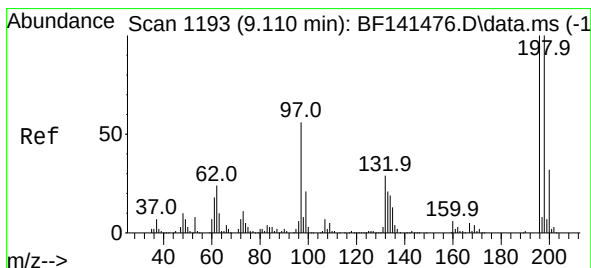
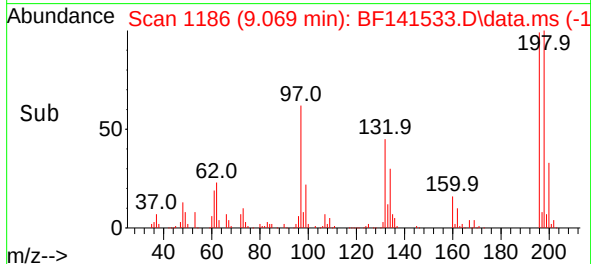
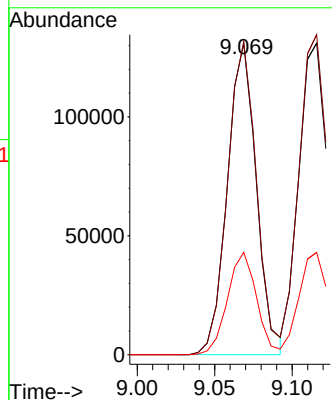
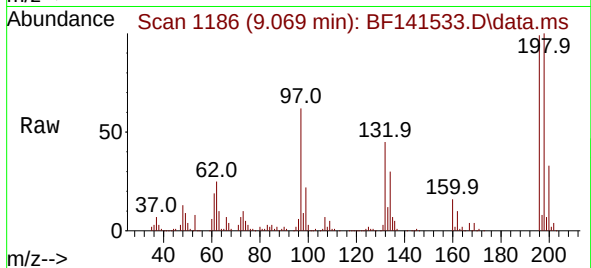
Tgt Ion:196 Resp: 170317

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.529 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion:196 Resp: 176861

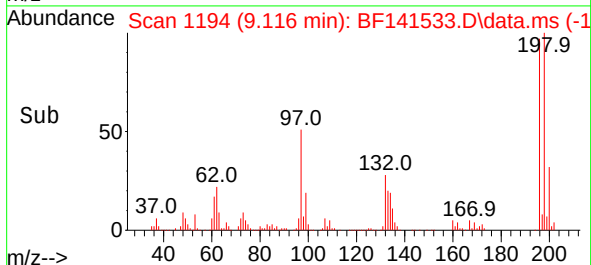
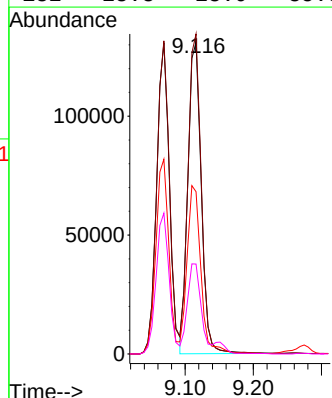
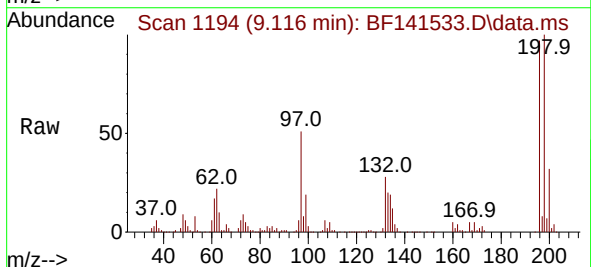
Ion Ratio Lower Upper

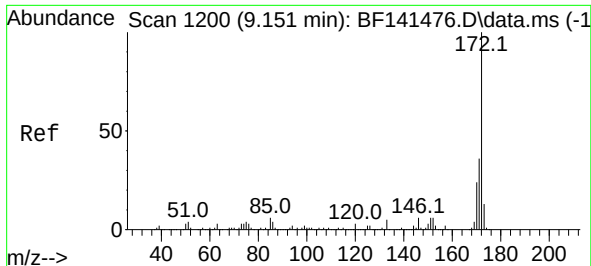
196 100

198 102.7 79.8 119.8

97 52.1 44.8 67.2

132 28.8 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 96.306 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

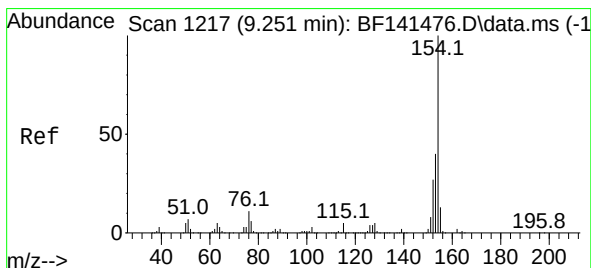
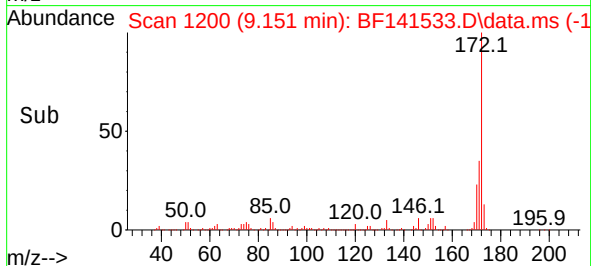
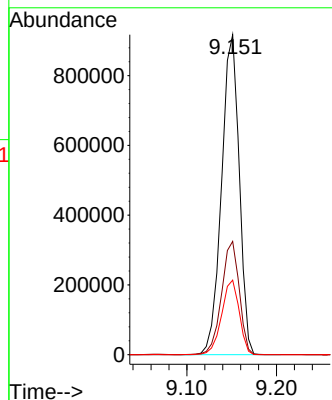
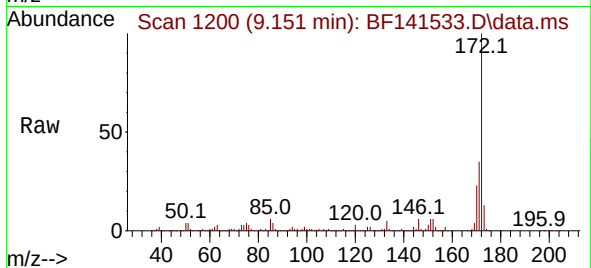
Tgt Ion:172 Resp: 1253313

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.621 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

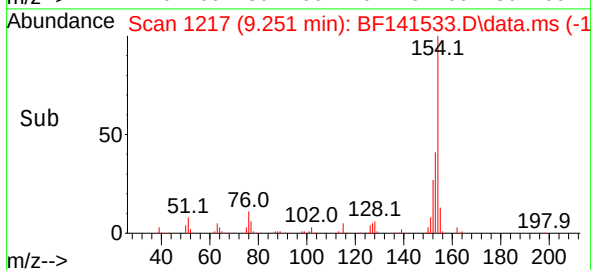
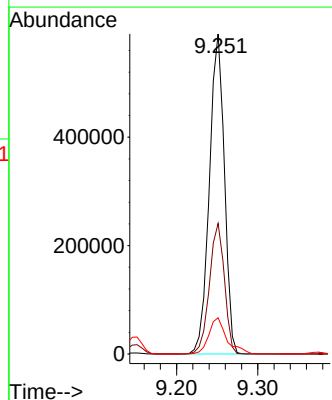
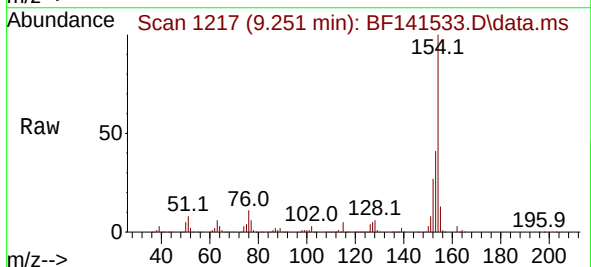
Tgt Ion:154 Resp: 755777

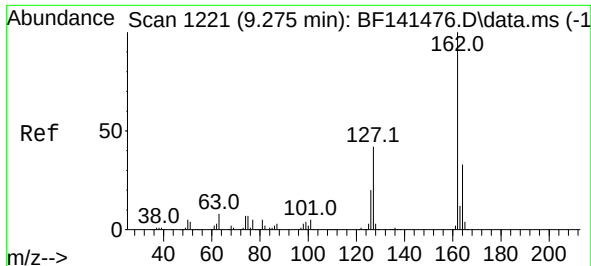
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.620 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

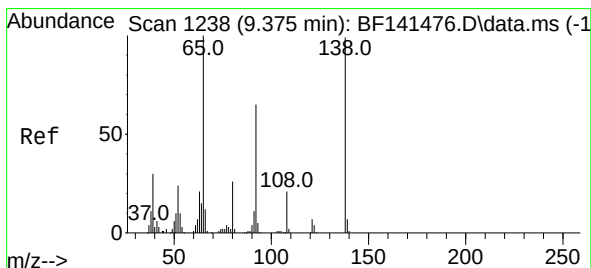
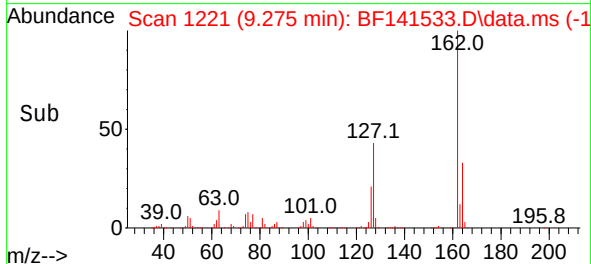
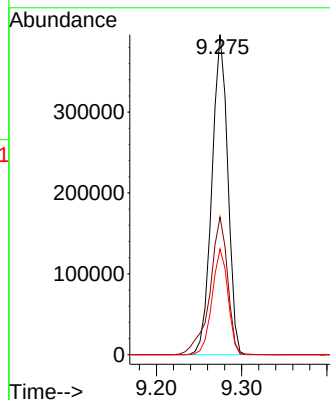
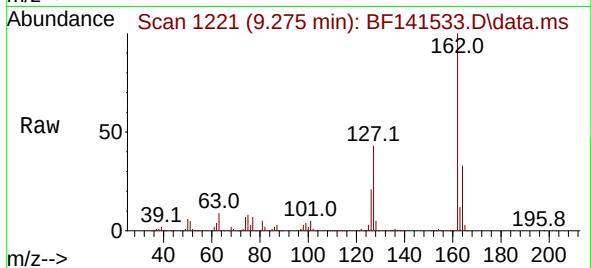
Tgt Ion:162 Resp: 512881

Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 33.0 26.3 39.5



#48

2-Nitroaniline

Concen: 44.542 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

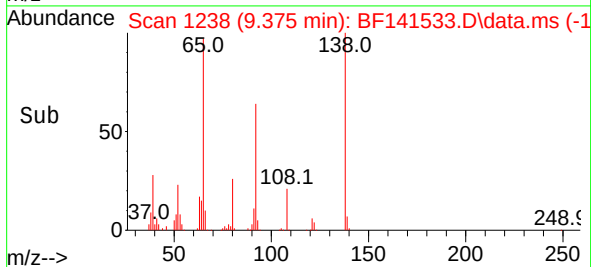
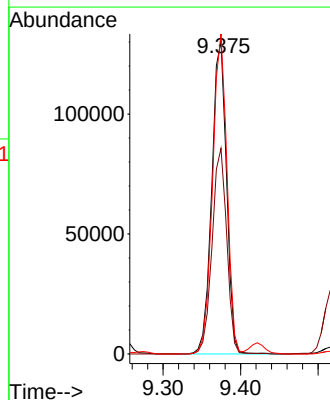
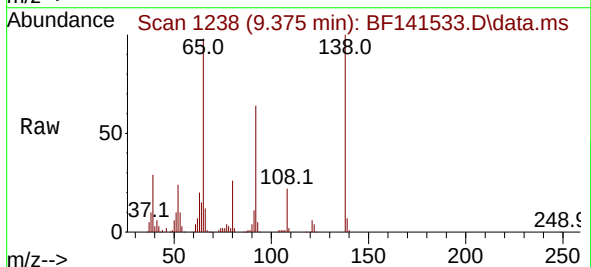
Tgt Ion: 65 Resp: 171825

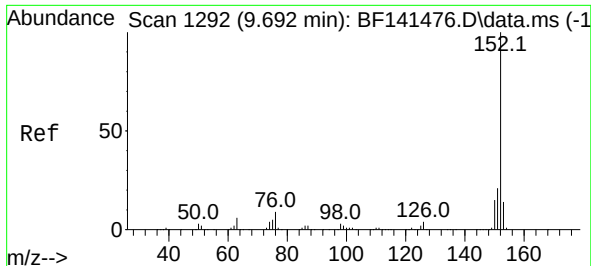
Ion Ratio Lower Upper

65 100

92 65.7 52.2 78.2

138 102.3 79.5 119.3





#49

Acenaphthylene

Concen: 46.422 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

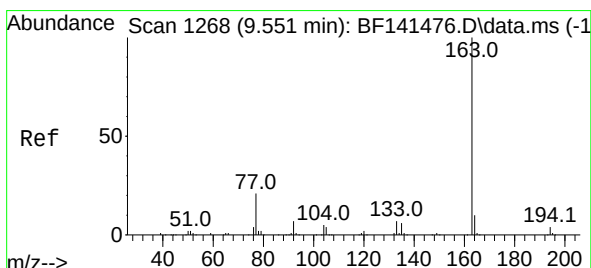
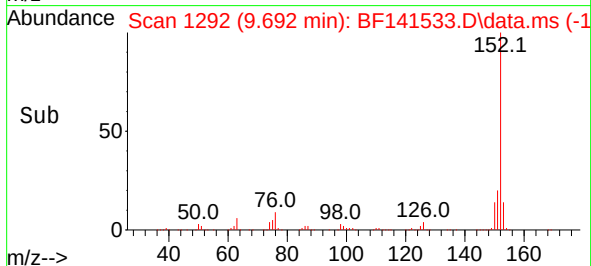
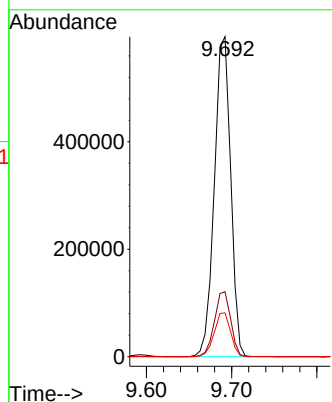
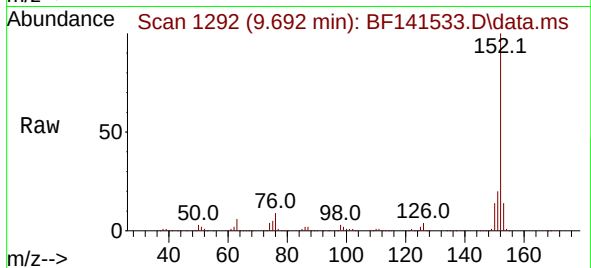
Tgt Ion:152 Resp: 793675

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 44.762 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

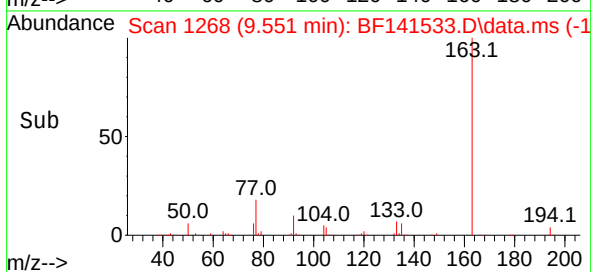
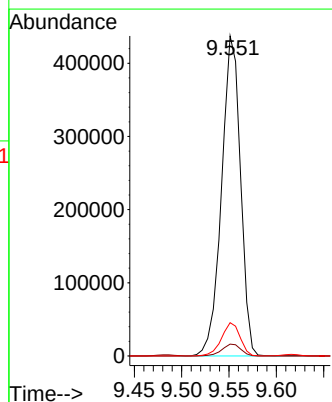
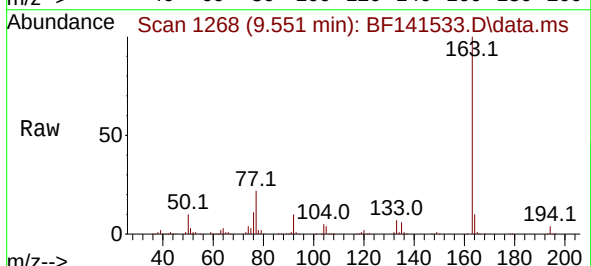
Tgt Ion:163 Resp: 609272

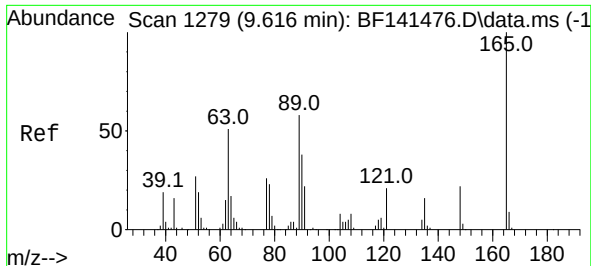
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.4 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.199 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

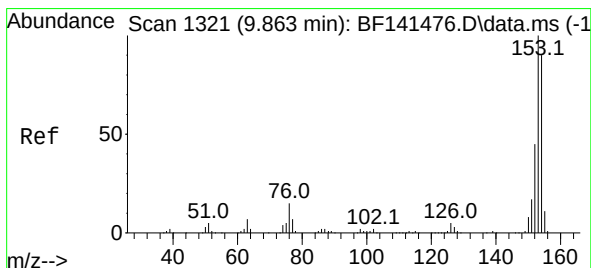
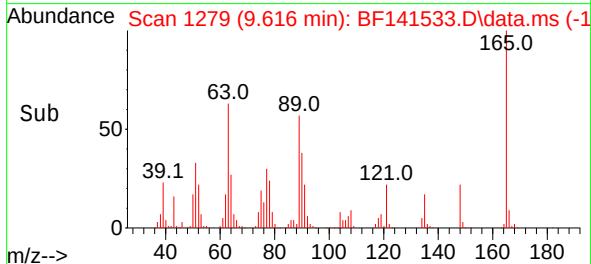
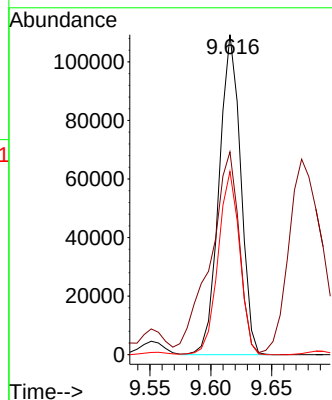
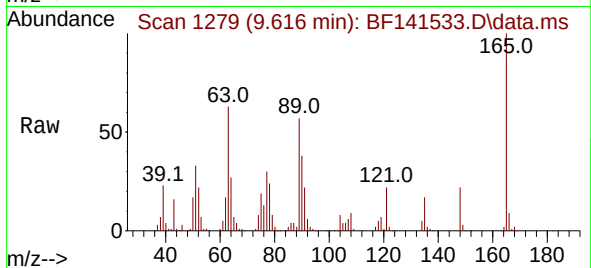
Tgt Ion:165 Resp: 134492

Ion Ratio Lower Upper

165 100

63 63.4 49.4 74.0

89 57.2 46.5 69.7



#52

Acenaphthene

Concen: 44.554 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

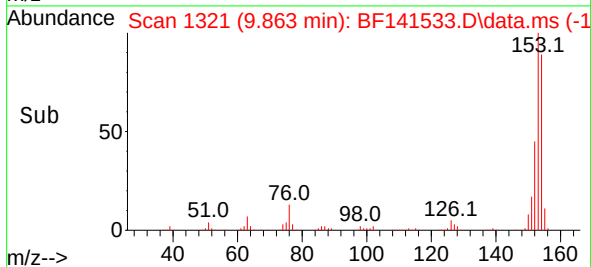
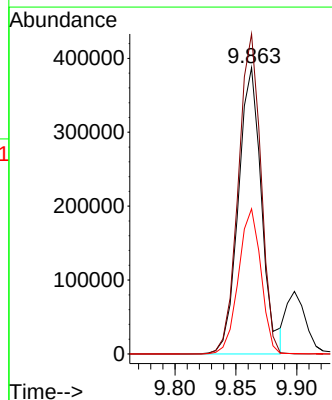
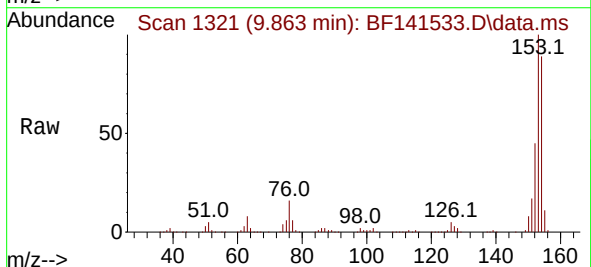
Tgt Ion:154 Resp: 512099

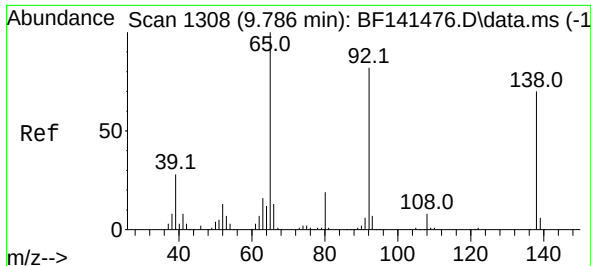
Ion Ratio Lower Upper

154 100

153 111.8 89.2 133.8

152 50.7 39.8 59.8

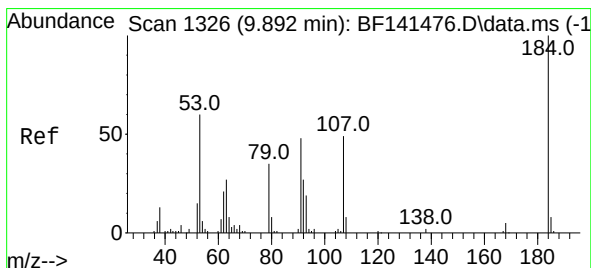
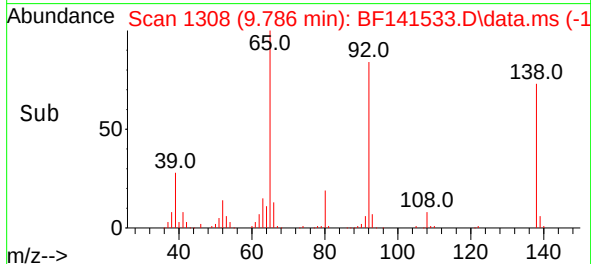
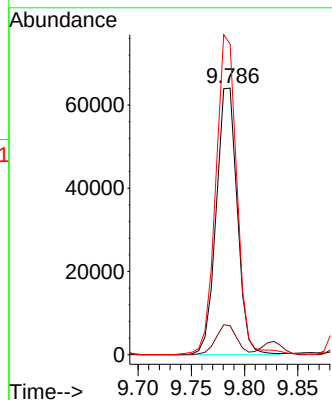
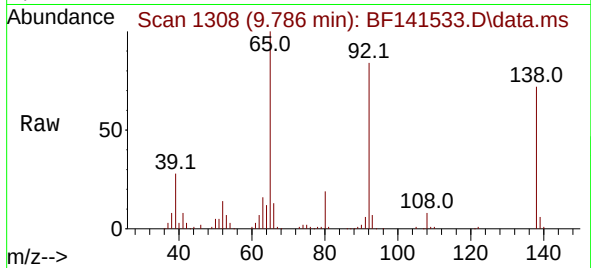




#53
3-Nitroaniline
Concen: 27.471 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

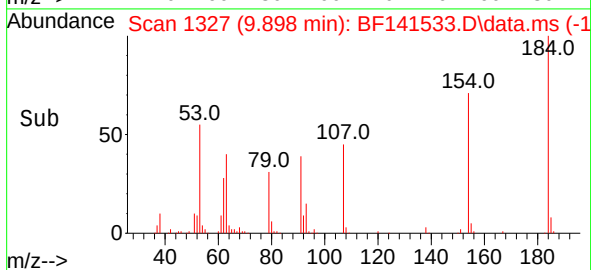
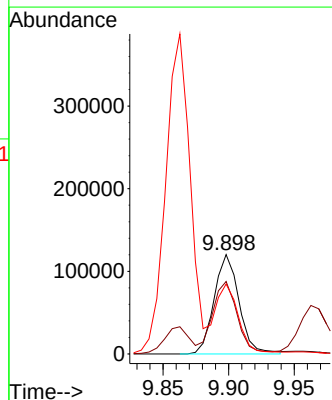
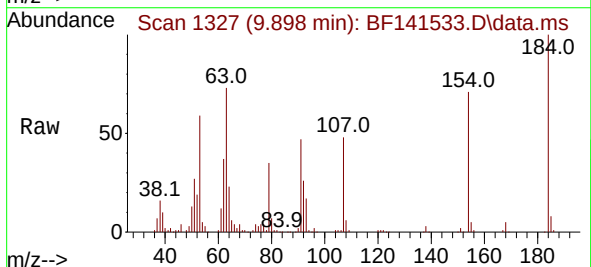
Instrument :
BNA_F
ClientSampleId :
PB166619BS

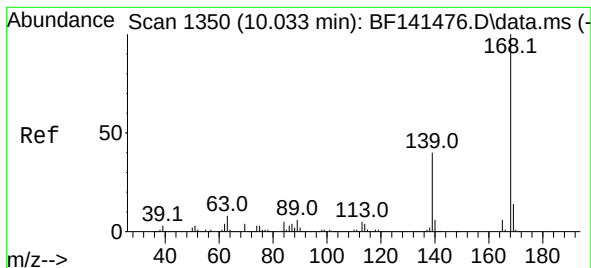
Tgt Ion:138 Resp: 87976
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 116.6 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 89.959 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:184 Resp: 159087
Ion Ratio Lower Upper
184 100
63 73.0 61.0 91.6
154 70.5 59.9 89.9





#55

Dibenzenofuran

Concen: 43.052 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

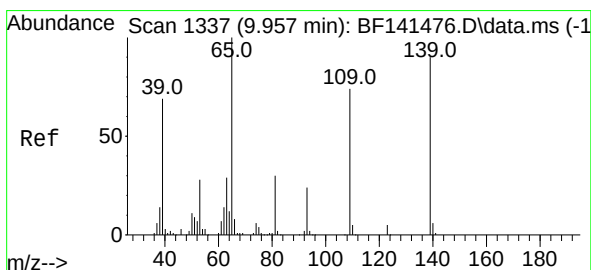
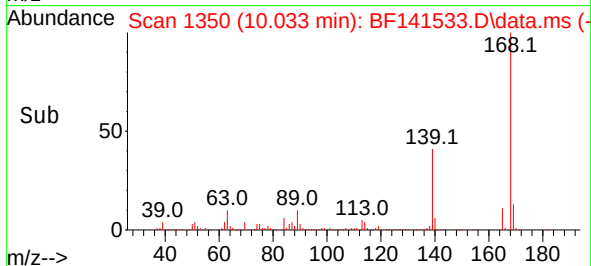
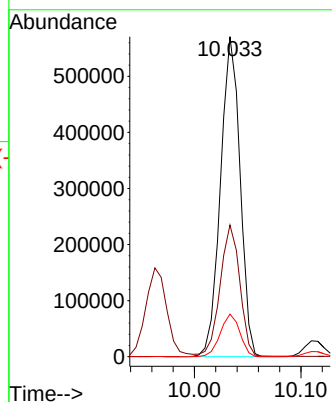
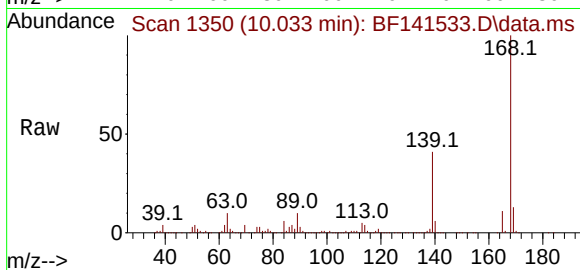
Tgt Ion:168 Resp: 726329

Ion Ratio Lower Upper

168 100

139 41.2 32.7 49.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 91.546 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

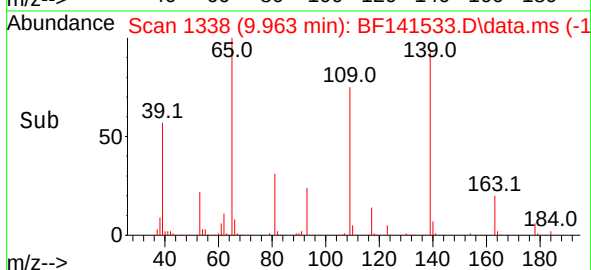
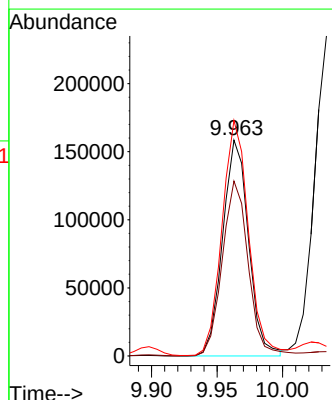
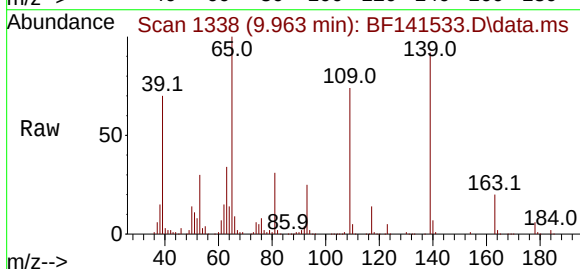
Tgt Ion:139 Resp: 217637

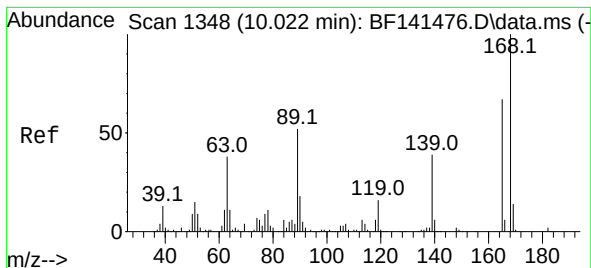
Ion Ratio Lower Upper

139 100

109 81.1 62.0 102.0

65 109.1 91.2 131.2

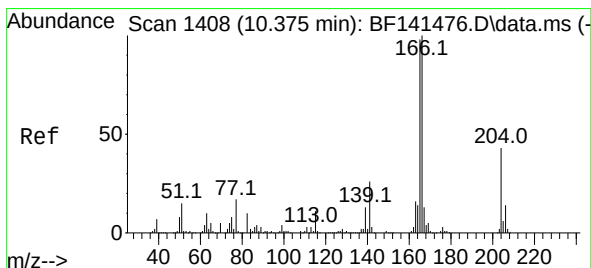
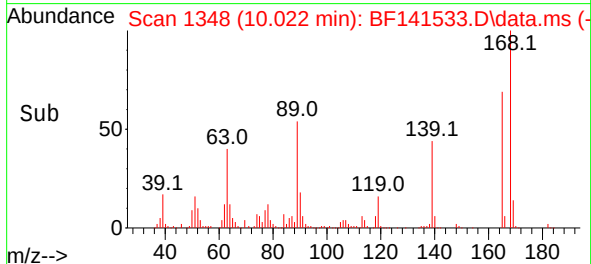
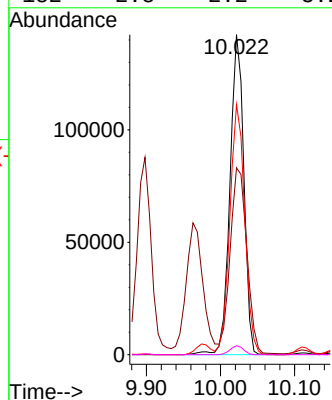
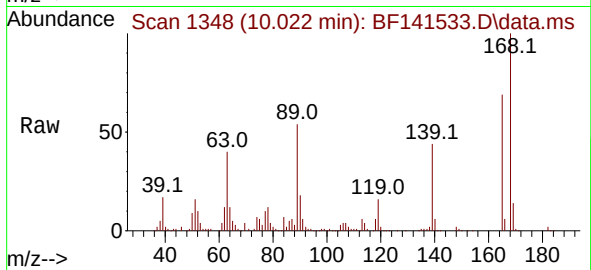




#57
2,4-Dinitrotoluene
Concen: 46.578 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

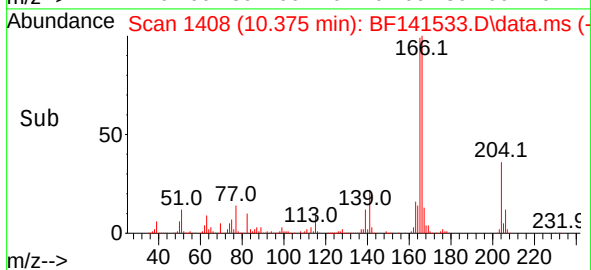
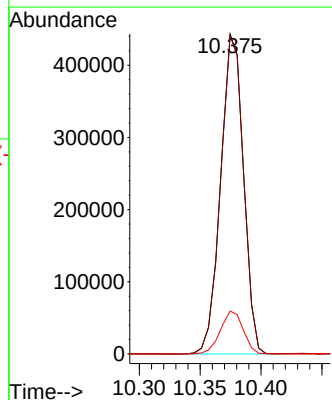
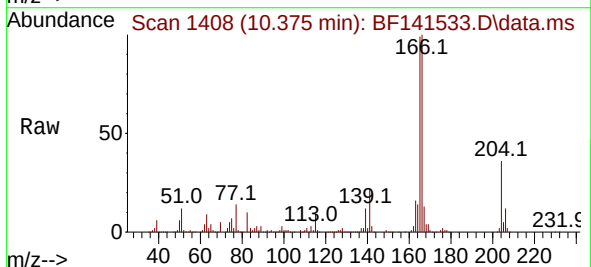
Instrument :
BNA_F
ClientSampleId :
PB166619BS

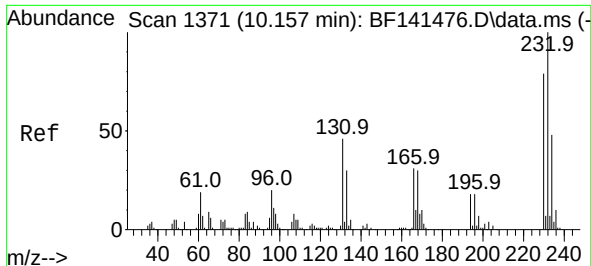
Tgt Ion:165 Resp: 184501
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 78.2 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.348 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:166 Resp: 578509
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.880 ng

RT: 10.157 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF141533.D

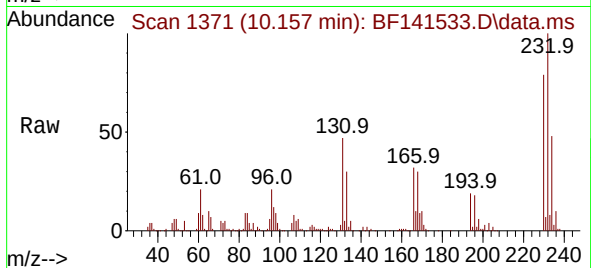
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:232 Resp: 153497

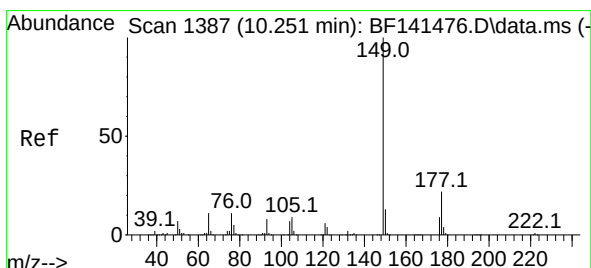
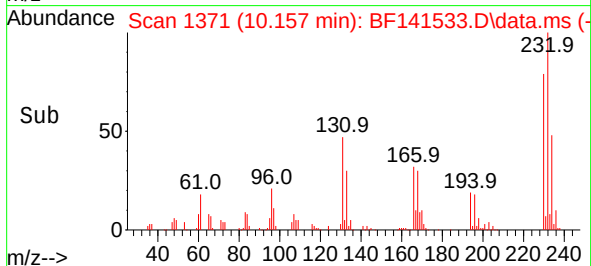
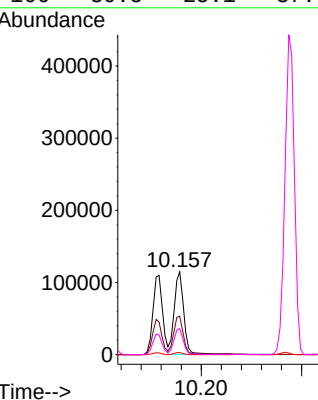
Ion Ratio Lower Upper

232 100

131 46.7 39.2 58.8

130 2.5 2.1 3.1

166 30.5 25.1 37.7



#60

Diethylphthalate

Concen: 44.051 ng

RT: 10.251 min Scan# 1387

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

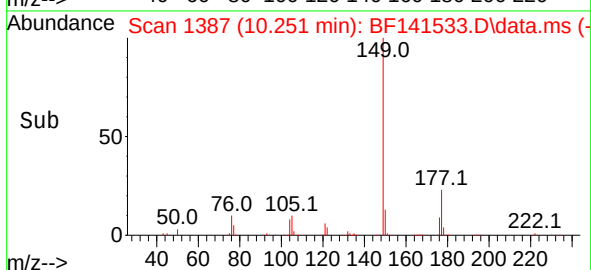
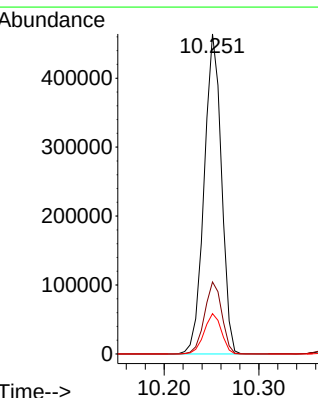
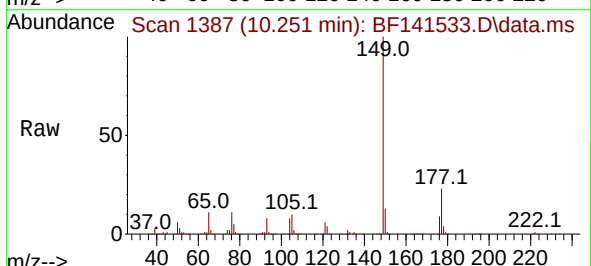
Tgt Ion:149 Resp: 589921

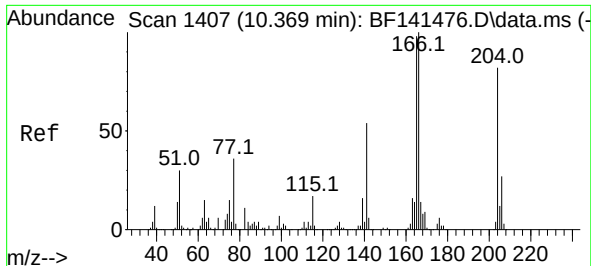
Ion Ratio Lower Upper

149 100

177 22.5 17.8 26.6

150 12.6 10.1 15.1

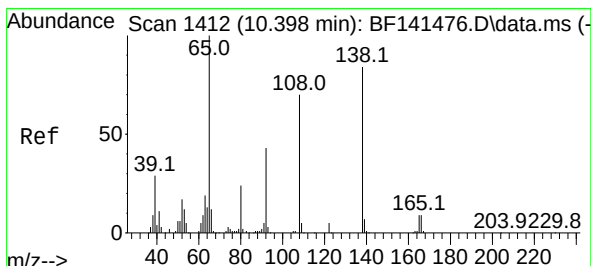
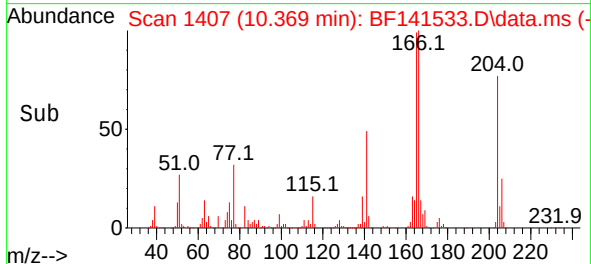
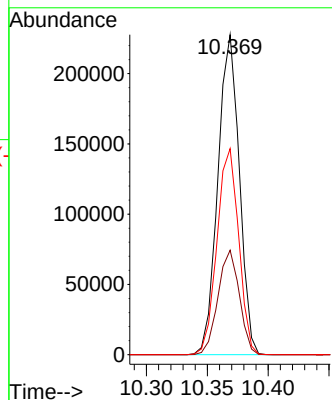
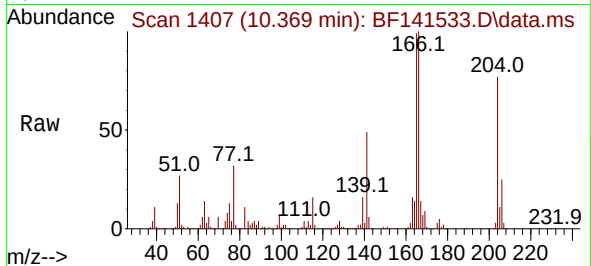




#61
4-Chlorophenyl-phenylether
Concen: 44.491 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

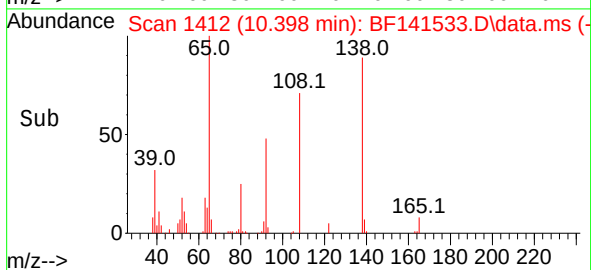
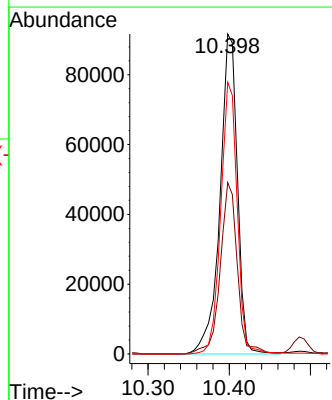
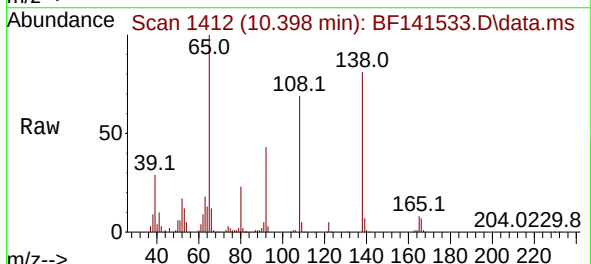
Instrument :
BNA_F
ClientSampleId :
PB166619BS

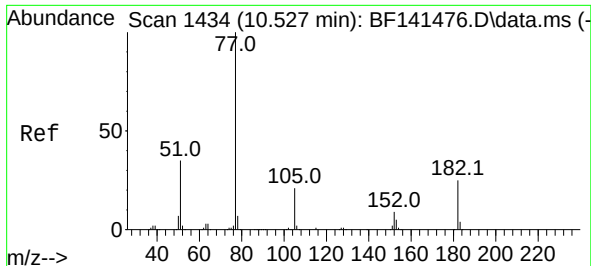
Tgt Ion:204 Resp: 279211
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.4 51.9 77.9



#62
4-Nitroaniline
Concen: 42.225 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:138 Resp: 137313
Ion Ratio Lower Upper
138 100
92 53.5 31.3 71.3
108 84.9 63.7 103.7

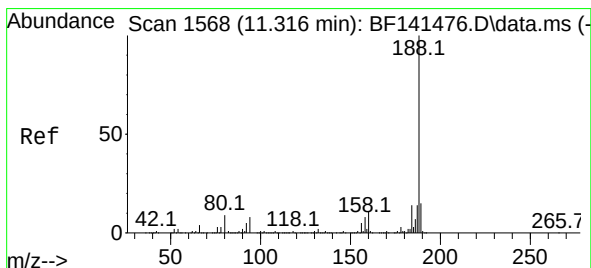
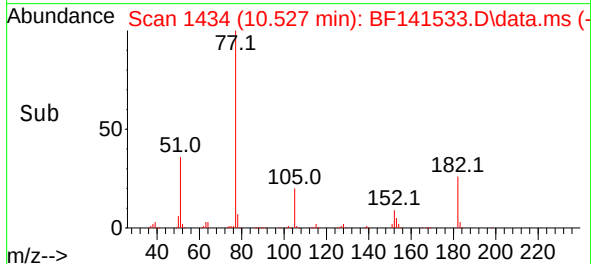
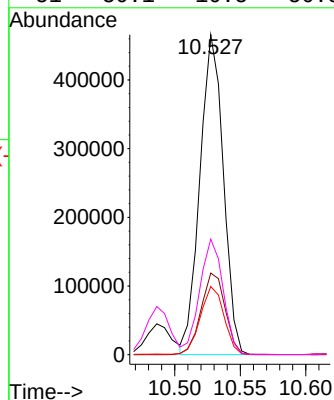
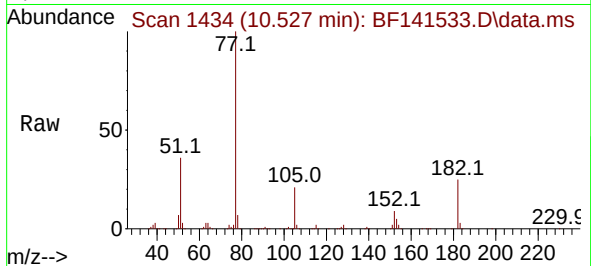




#63
Azobenzene
Concen: 43.594 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

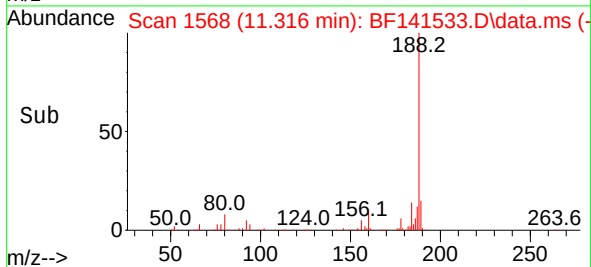
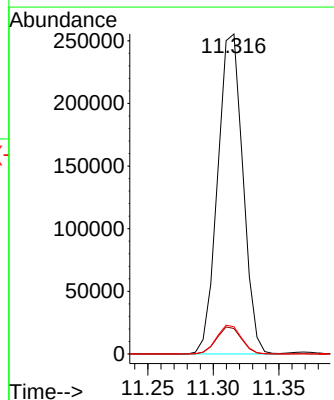
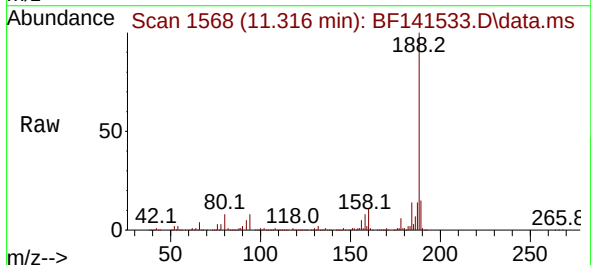
Instrument :
BNA_F
ClientSampleId :
PB166619BS

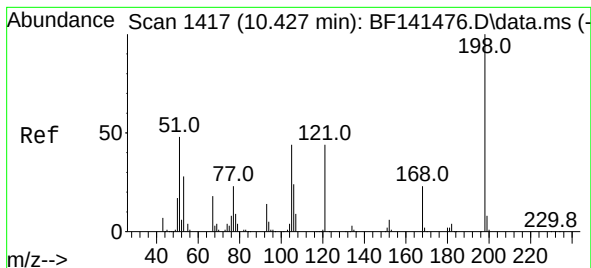
Tgt Ion:	77	Resp:	580381
Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.7	44.7
105	21.3	0.4	40.4
51	36.1	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:	188	Resp:	341345
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.5	7.3	10.9

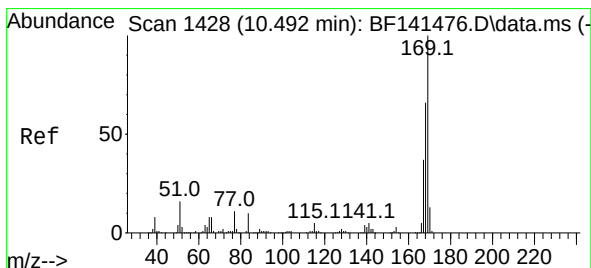
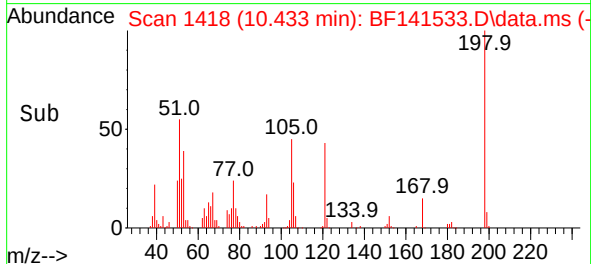
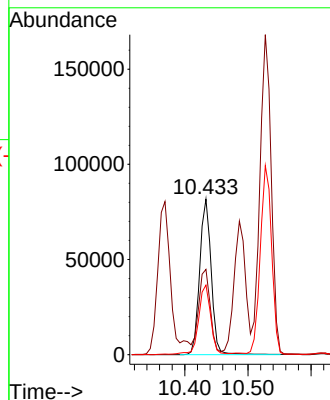
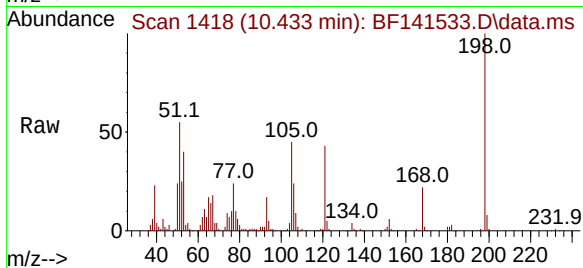




#65
4,6-Dinitro-2-methylphenol
Concen: 43.616 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

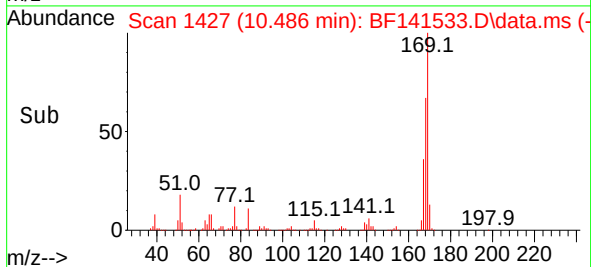
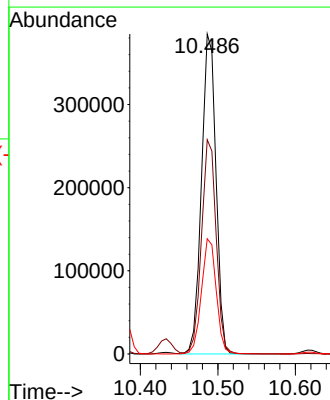
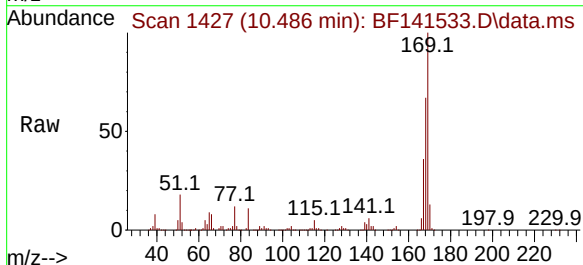
Instrument :
BNA_F
ClientSampleId :
PB166619BS

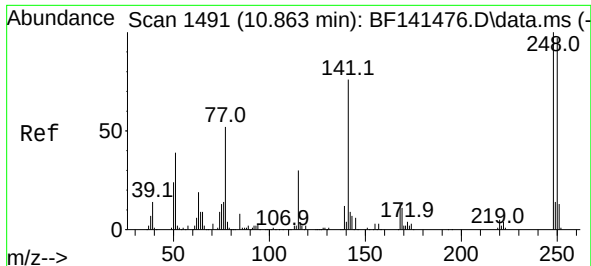
Tgt Ion:198 Resp: 103421
Ion Ratio Lower Upper
198 100
51 54.8 37.4 77.4
105 44.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 45.708 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:169 Resp: 499439
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.0 29.4 44.2

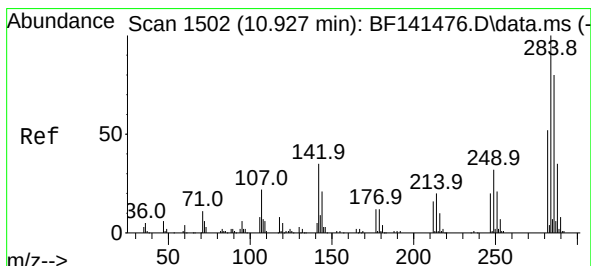
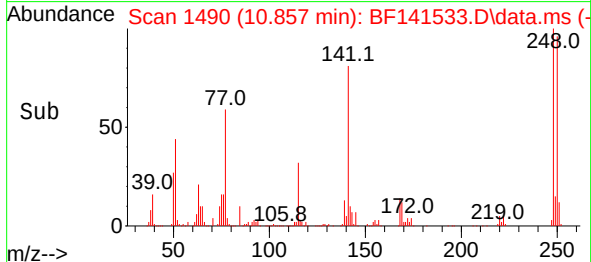
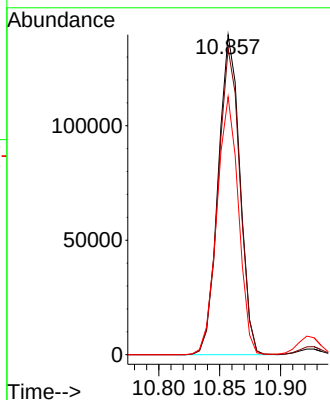
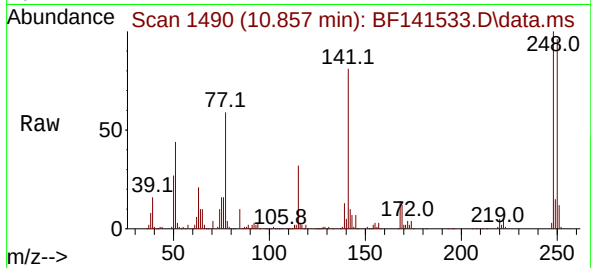




#67
4-Bromophenyl-phenylether
Concen: 45.353 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

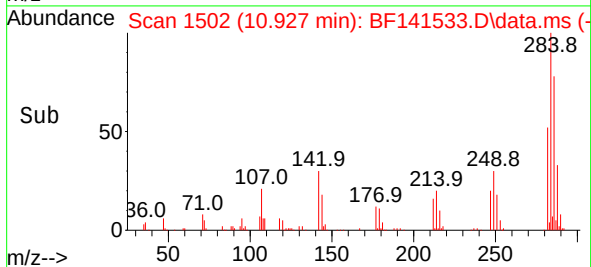
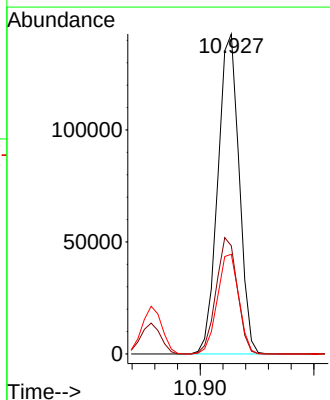
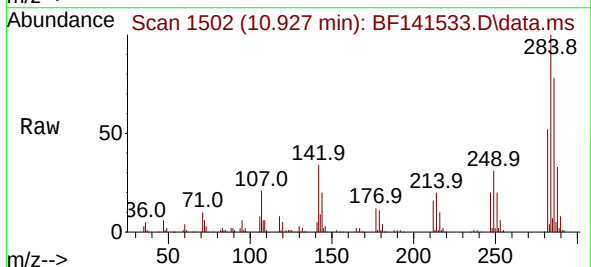
Instrument :
BNA_F
ClientSampleId :
PB166619BS

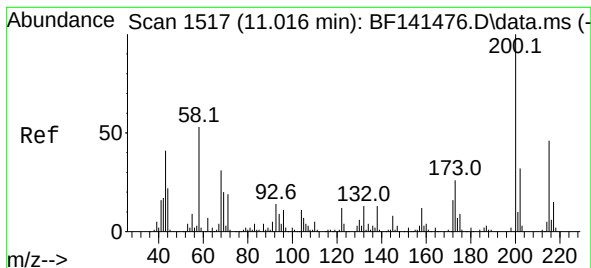
Tgt Ion:248 Resp: 173022
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 80.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.288 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:284 Resp: 185767
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 31.2 25.8 38.8





#69

Atrazine

Concen: 59.446 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

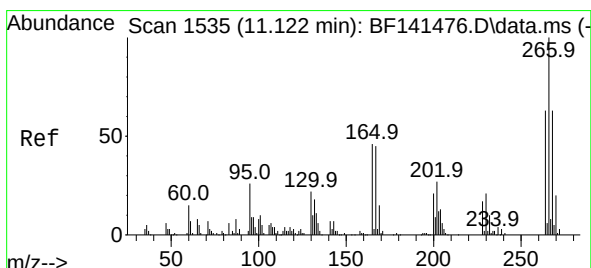
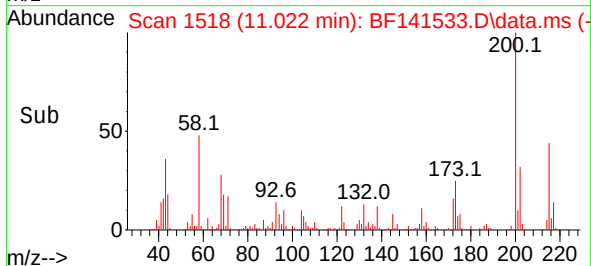
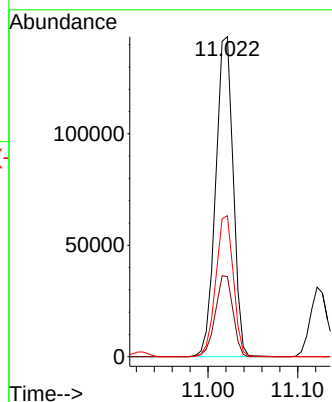
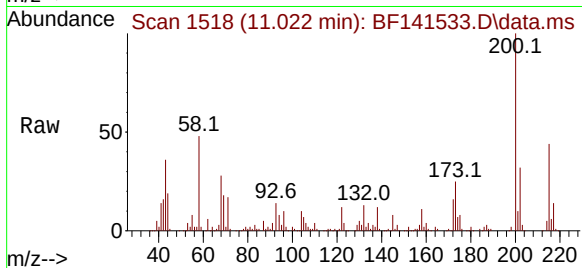
Tgt Ion:200 Resp: 194866

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 44.1 25.9 65.9



#70

Pentachlorophenol

Concen: 85.422 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

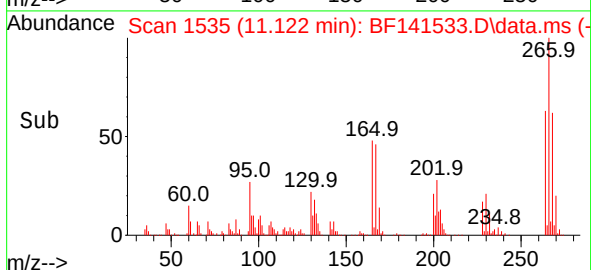
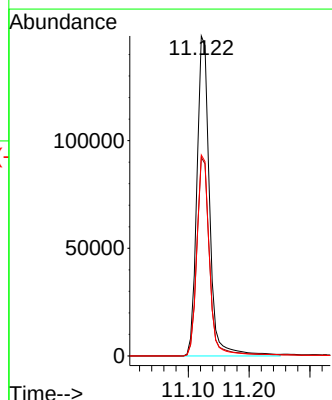
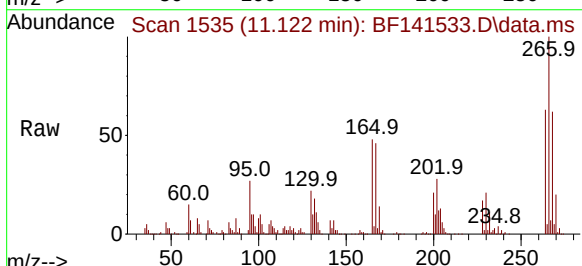
Tgt Ion:266 Resp: 214572

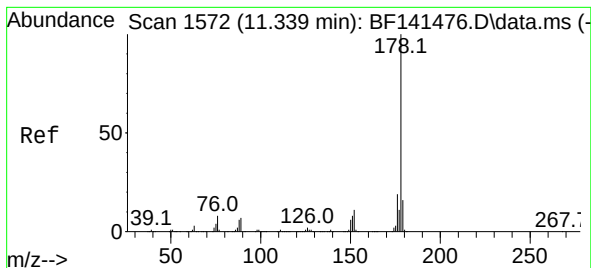
Ion Ratio Lower Upper

266 100

268 62.1 50.1 75.1

264 62.8 50.1 75.1

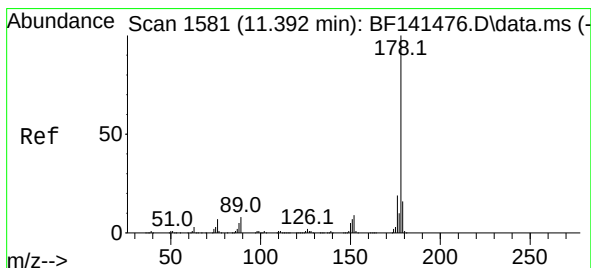
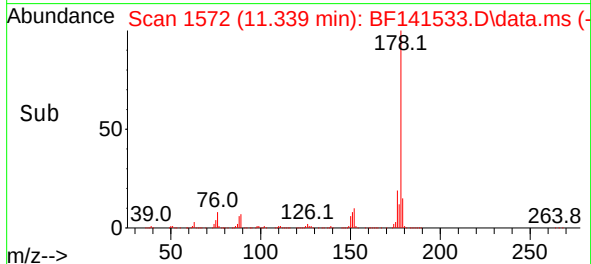
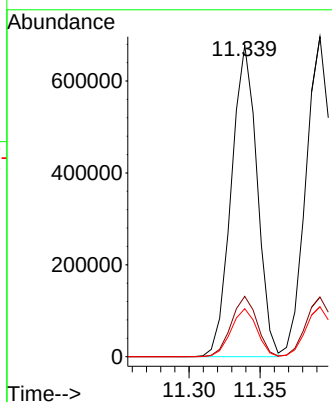
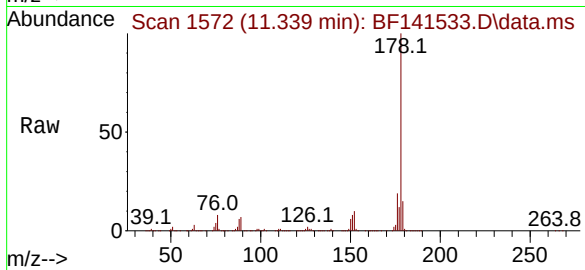




#71
Phenanthrene
Concen: 45.523 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

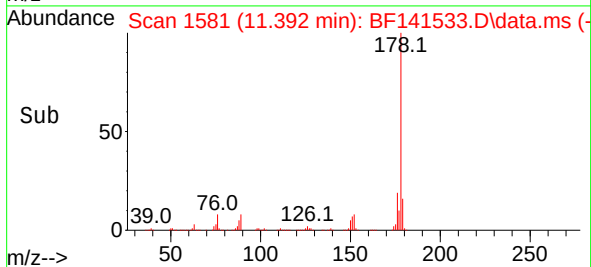
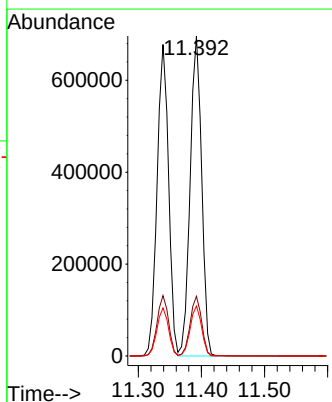
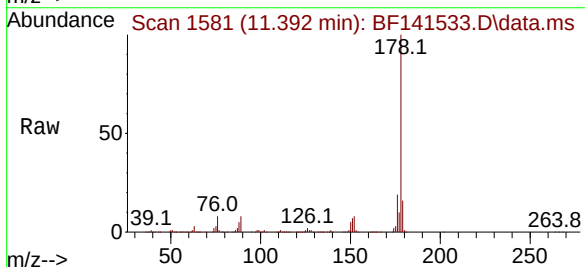
Instrument :
BNA_F
ClientSampleId :
PB166619BS

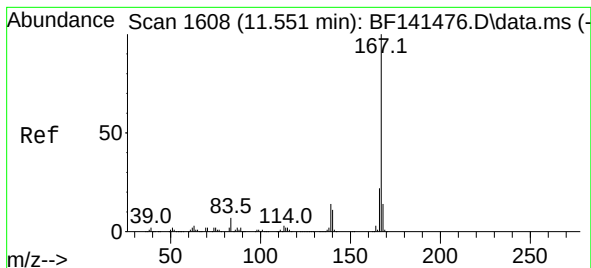
Tgt Ion:178 Resp: 855349
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 46.665 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:178 Resp: 881404
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.357 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

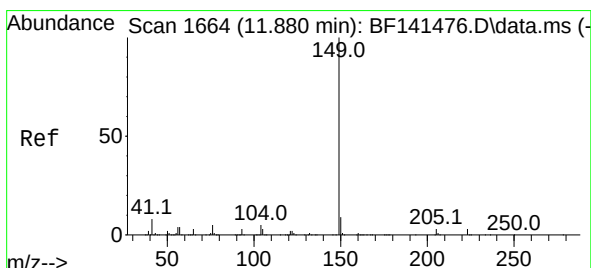
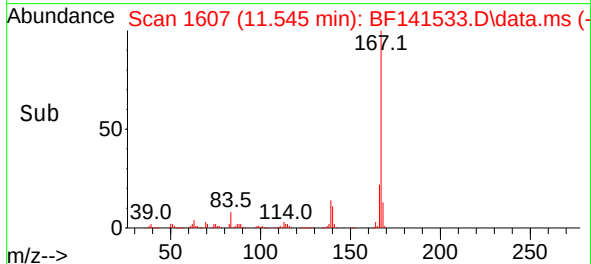
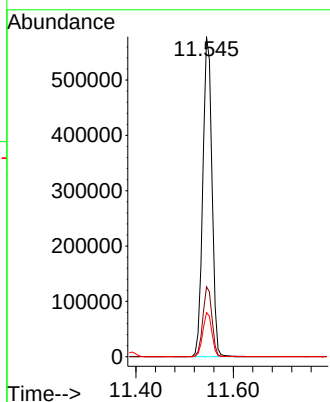
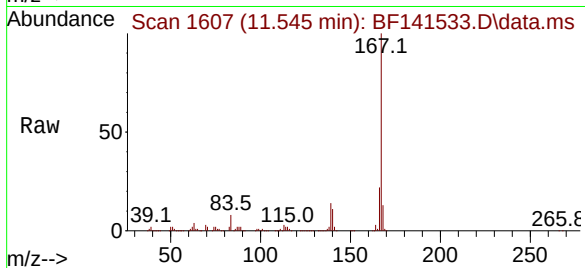
Tgt Ion:167 Resp: 753860

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.860 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

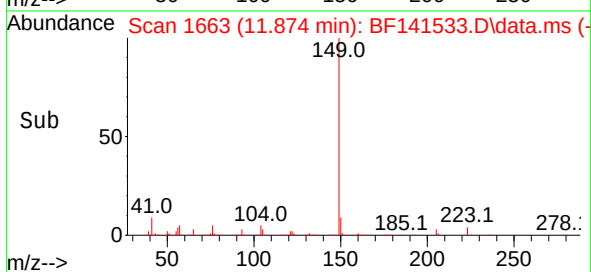
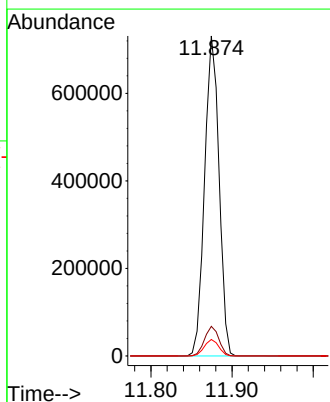
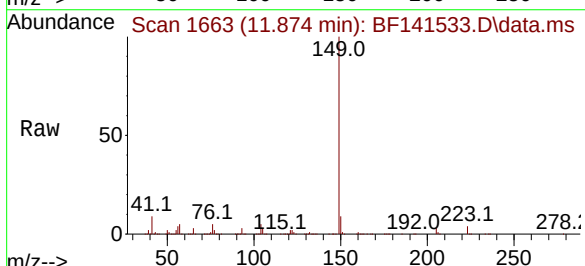
Tgt Ion:149 Resp: 899944

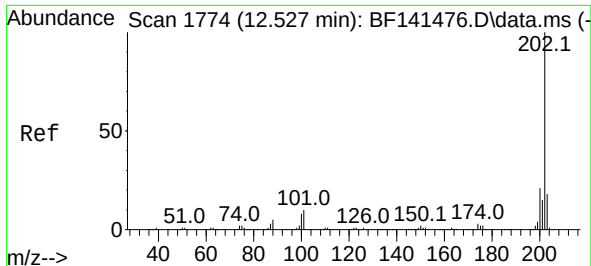
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.2 6.2

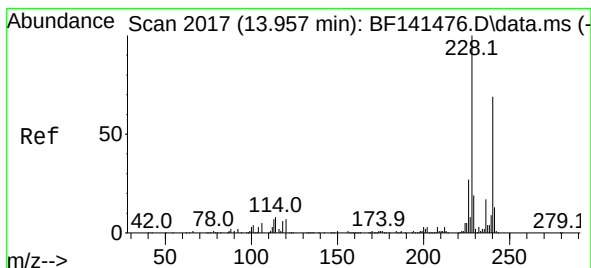
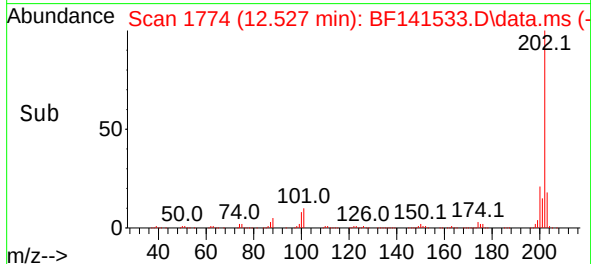
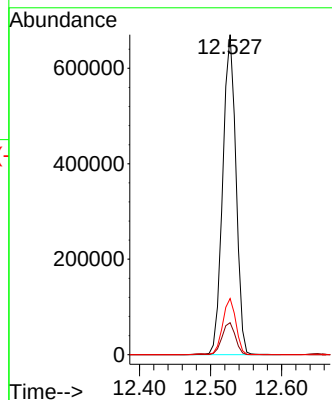
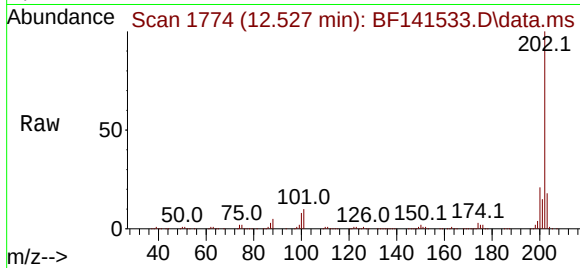




#75
Fluoranthene
Concen: 43.344 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

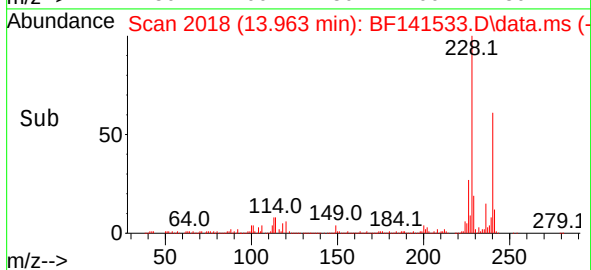
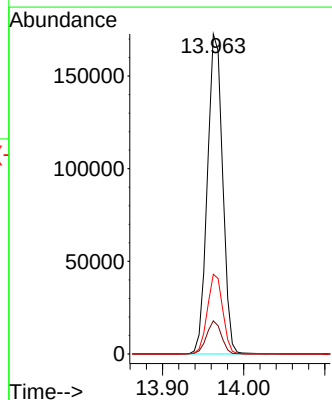
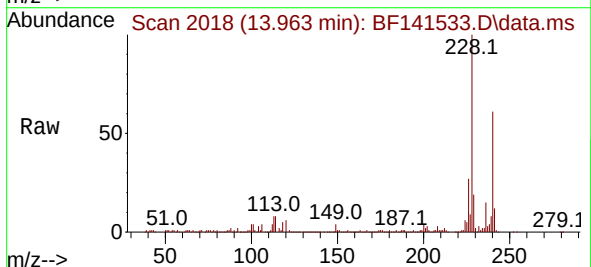
Instrument :
BNA_F
ClientSampleId :
PB166619BS

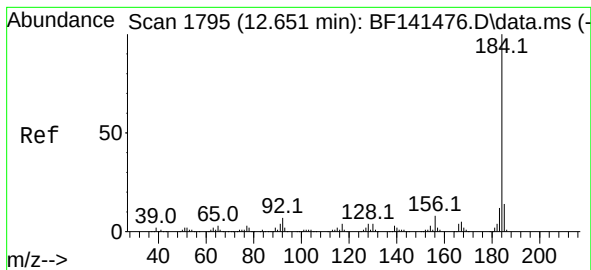
Tgt Ion:202 Resp: 863445
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:240 Resp: 224165
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 24.9 19.8 29.8





#77

Benzidine

Concen: 75.114 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

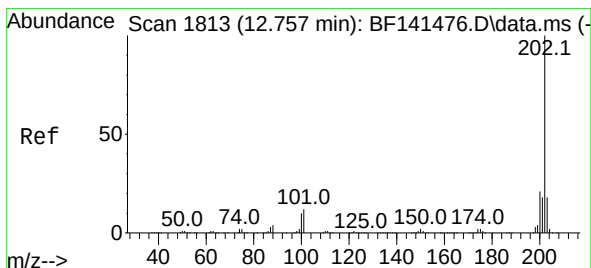
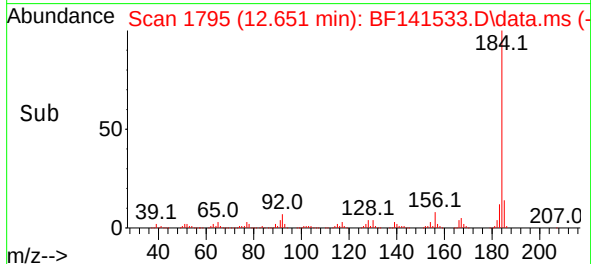
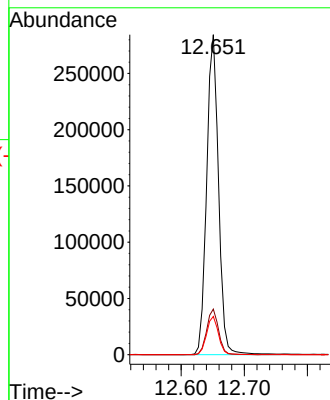
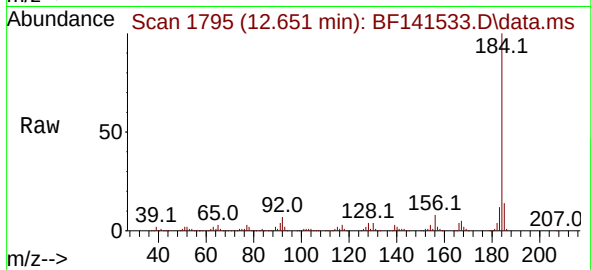
Tgt Ion:184 Resp: 371347

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.9 9.3 13.9



#78

Pyrene

Concen: 45.944 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

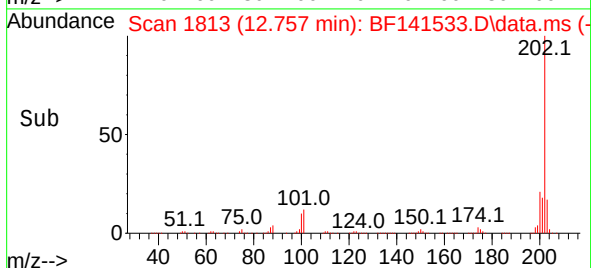
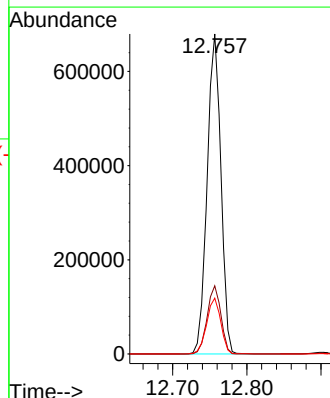
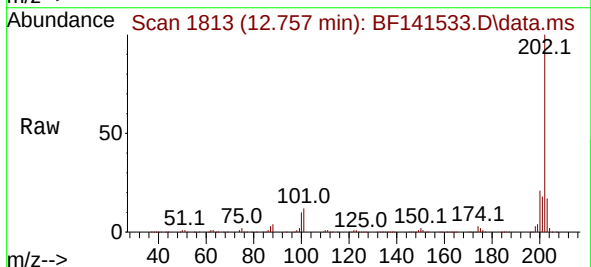
Tgt Ion:202 Resp: 876728

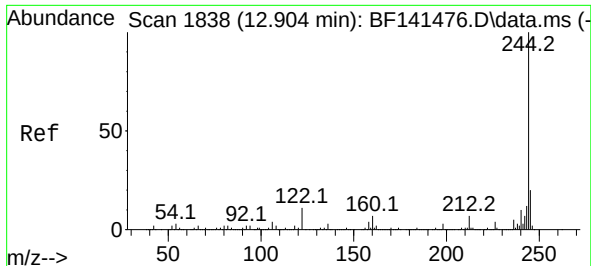
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.5 14.3 21.5

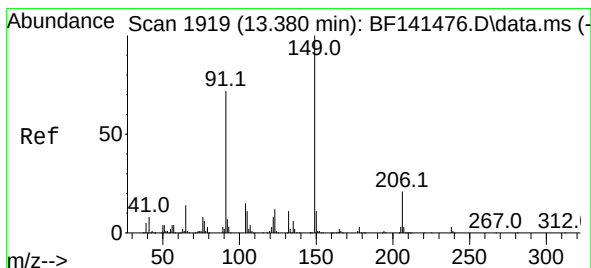
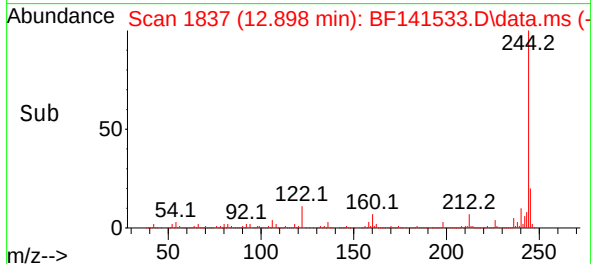
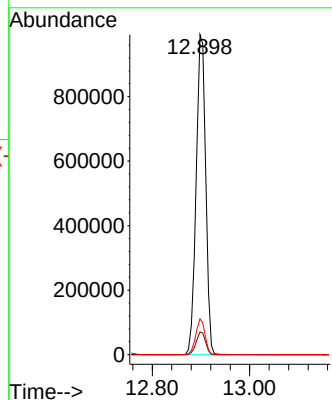
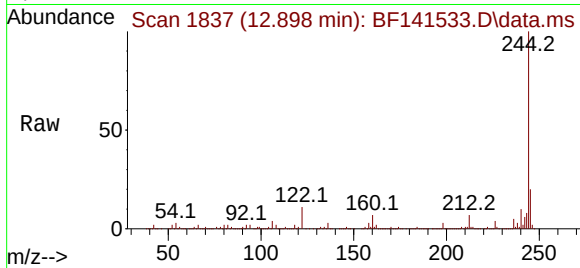




#79
 Terphenyl-d14
 Concen: 102.406 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

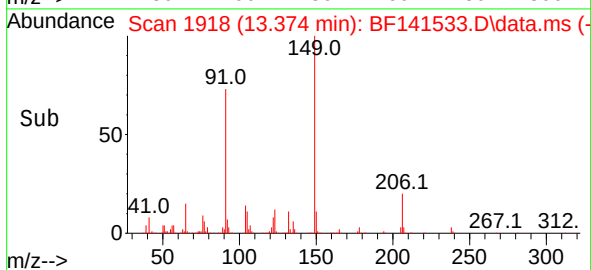
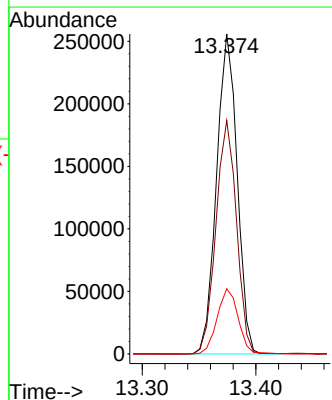
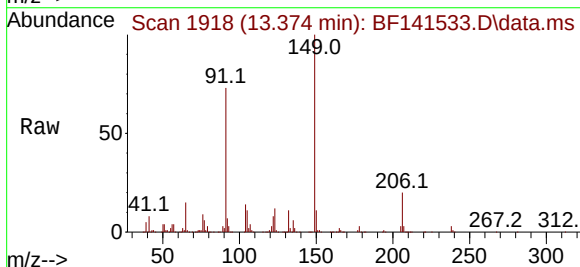
Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

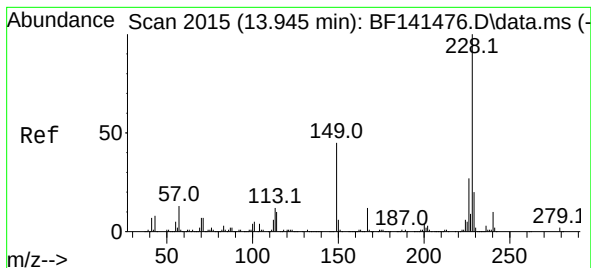
Tgt Ion:244 Resp: 1359805
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 48.804 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Tgt Ion:149 Resp: 322579
 Ion Ratio Lower Upper
 149 100
 91 72.9 57.8 86.8
 206 20.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.222 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

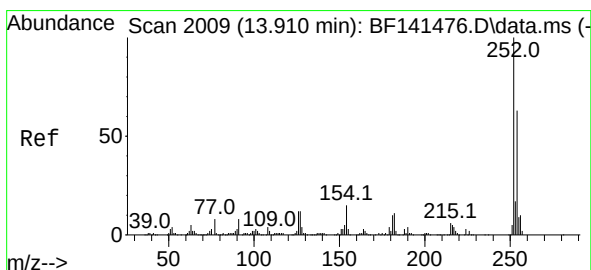
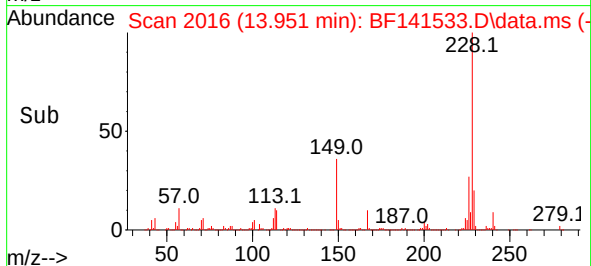
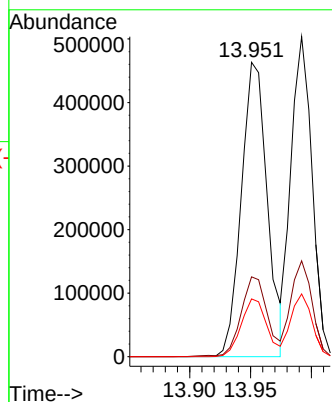
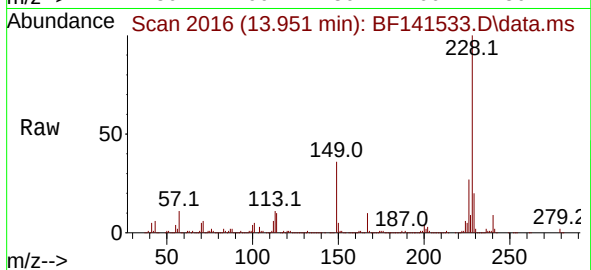
Tgt Ion:228 Resp: 688760

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.536 ng

RT: 13.915 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

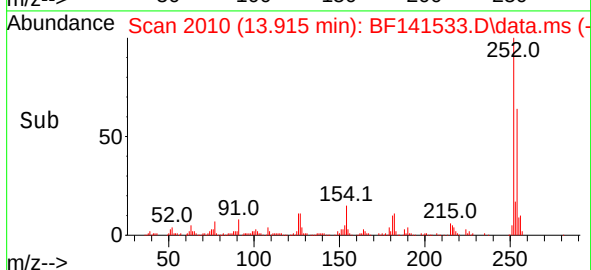
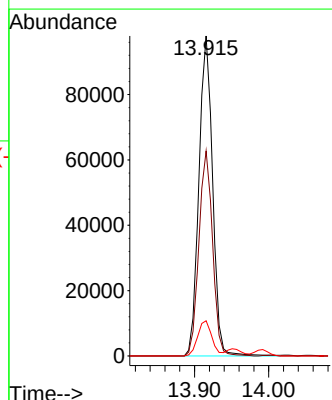
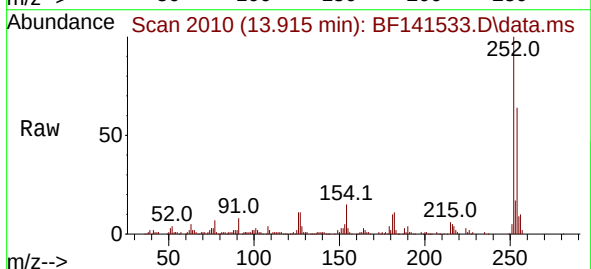
Tgt Ion:252 Resp: 126075

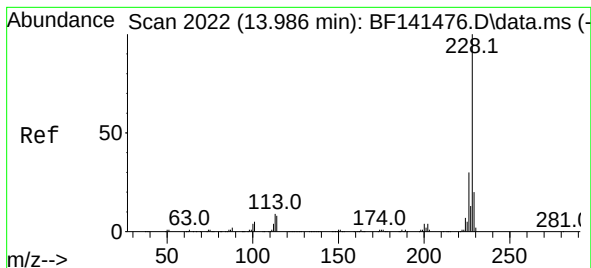
Ion Ratio Lower Upper

252 100

254 64.1 50.6 76.0

126 11.0 9.3 13.9





#83

Chrysene

Concen: 44.351 ng

RT: 13.992 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

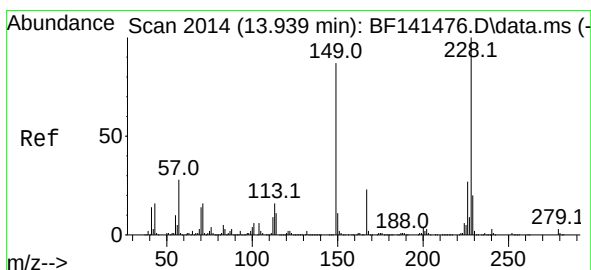
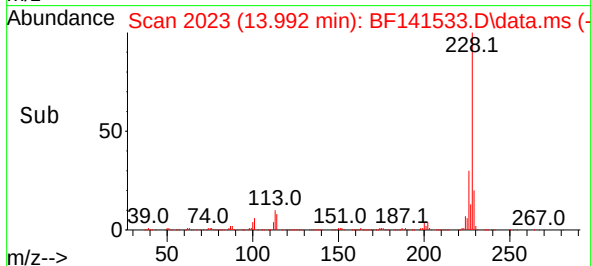
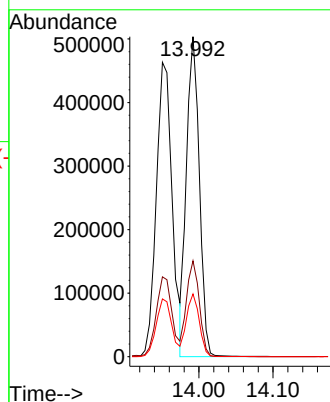
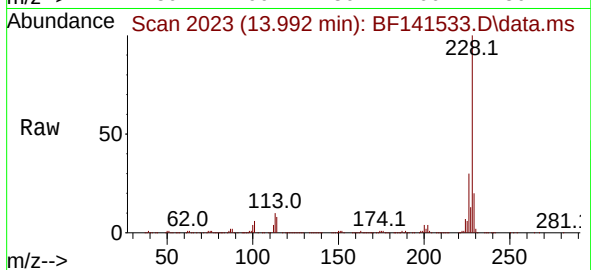
Tgt Ion:228 Resp: 610220

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.927 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

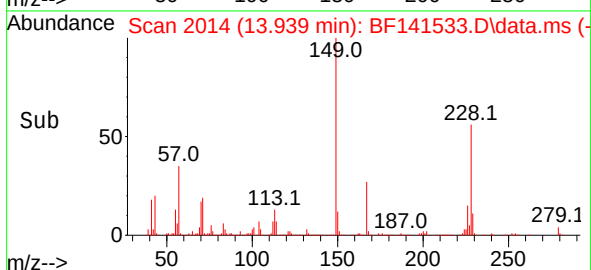
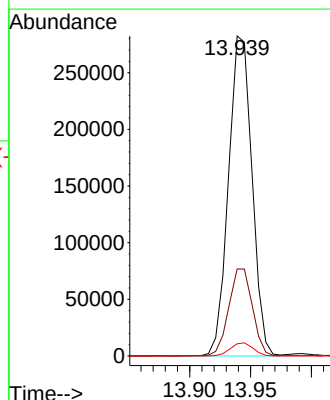
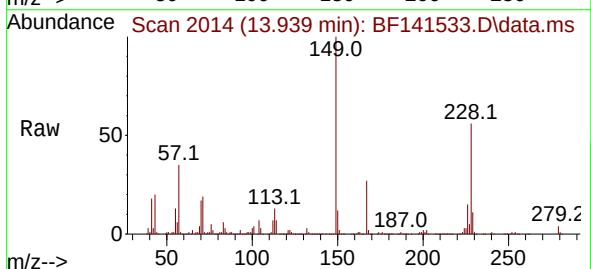
Tgt Ion:149 Resp: 379642

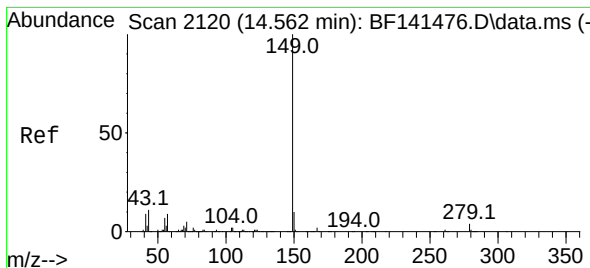
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.857 ng

RT: 14.580 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

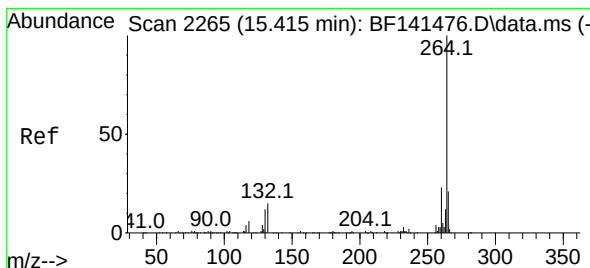
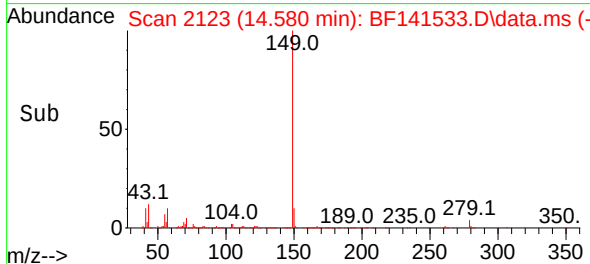
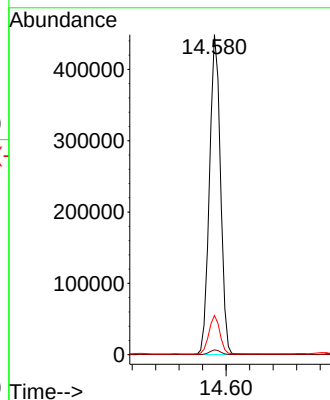
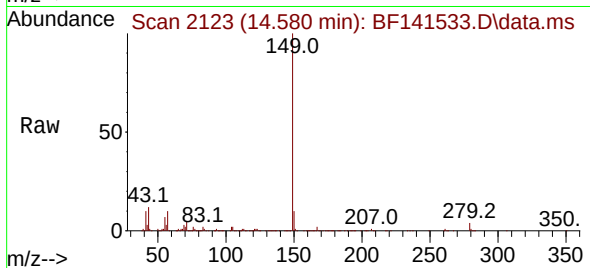
Tgt Ion:149 Resp: 583387

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.029 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

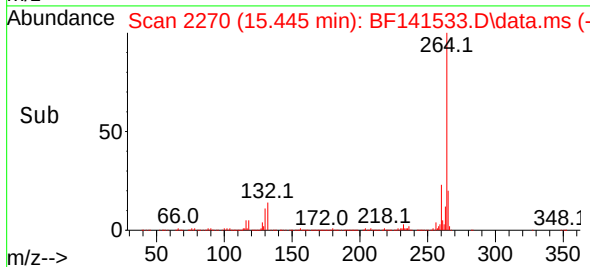
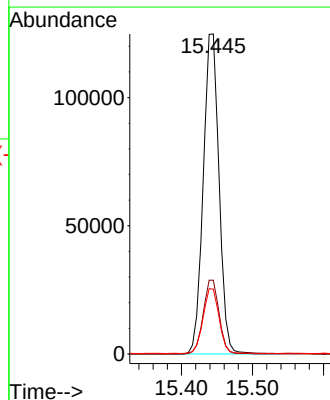
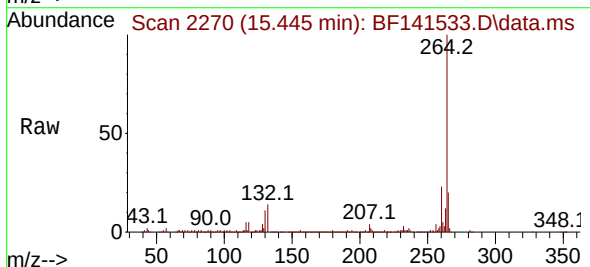
Tgt Ion:264 Resp: 193889

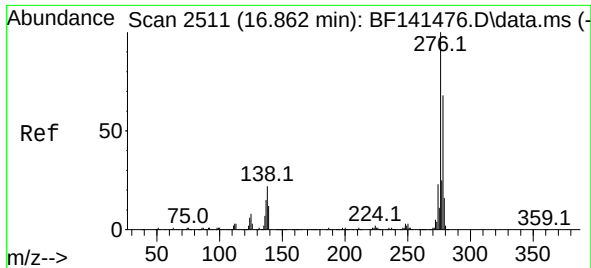
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 20.3 17.0 25.4

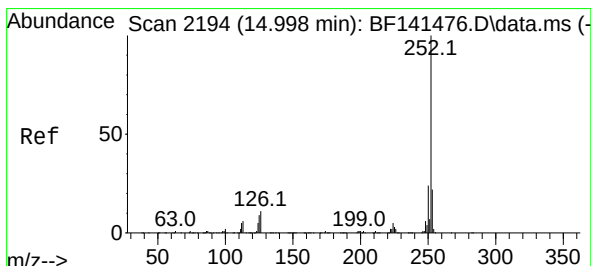
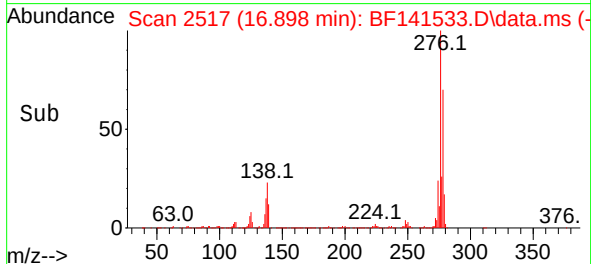
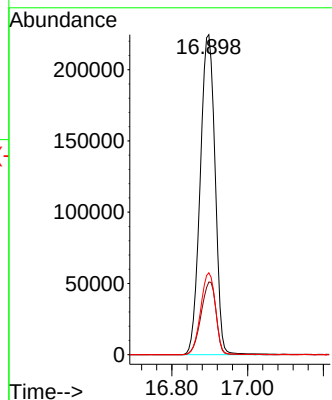
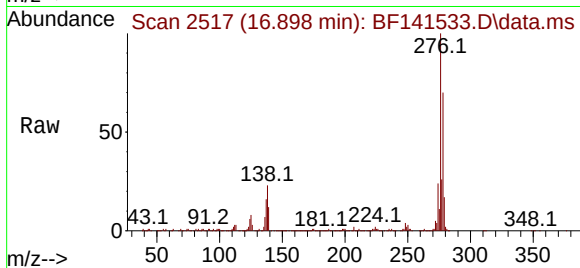




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.104 ng
 RT: 16.898 min Scan# 2117
 Delta R.T. 0.024 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

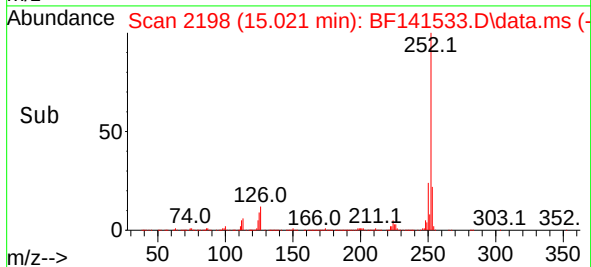
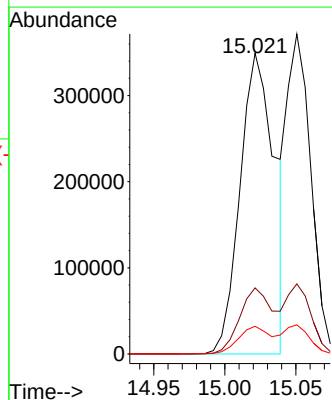
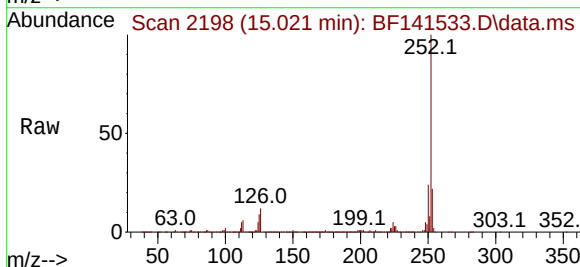
Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

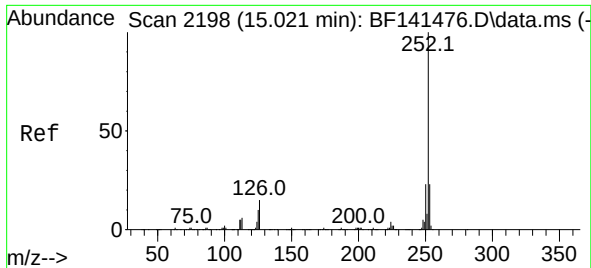
Tgt Ion:276 Resp: 612239
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.0 27.0
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.338 ng
 RT: 15.021 min Scan# 2198
 Delta R.T. 0.018 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Tgt Ion:252 Resp: 590236
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.228 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

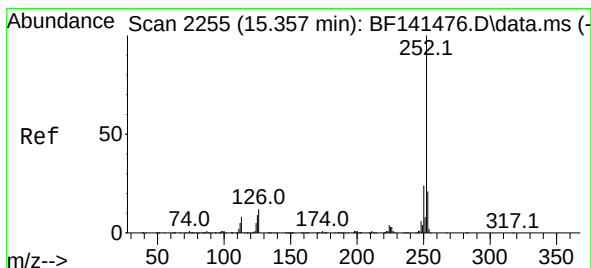
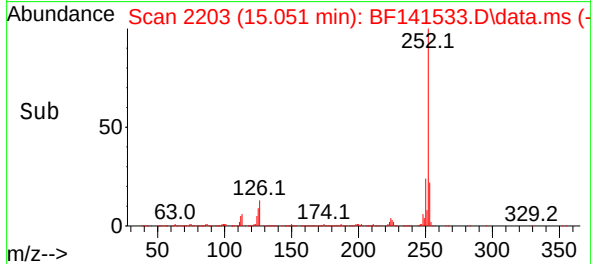
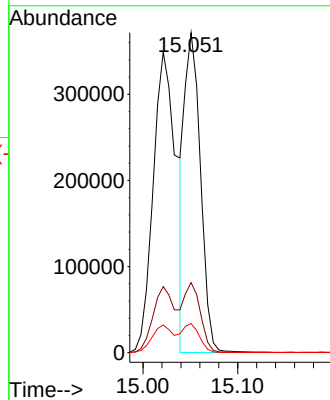
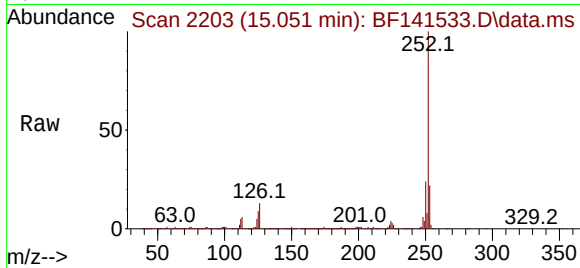
Tgt Ion:252 Resp: 436093

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 46.059 ng

RT: 15.380 min Scan# 2259

Delta R.T. 0.018 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

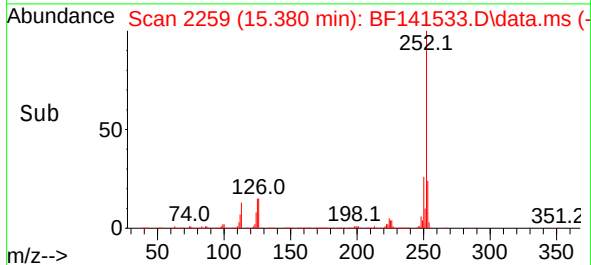
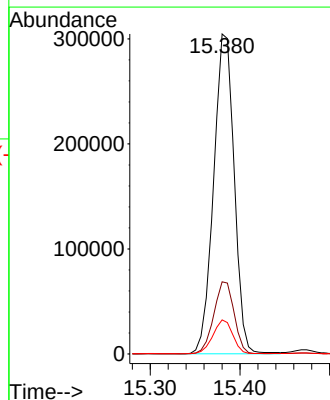
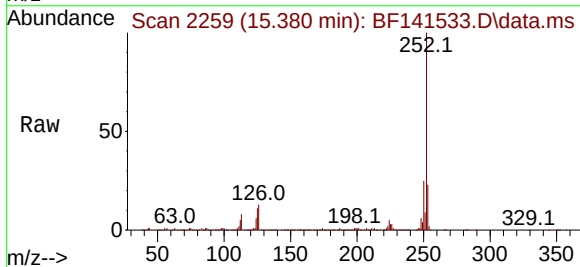
Tgt Ion:252 Resp: 485203

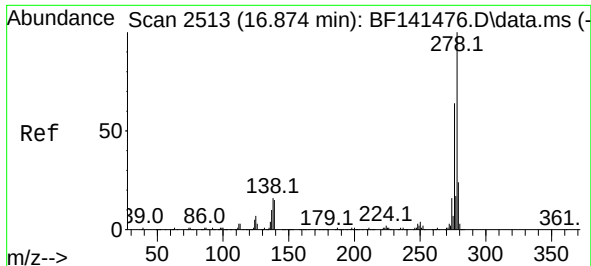
Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 10.7 7.4 11.2

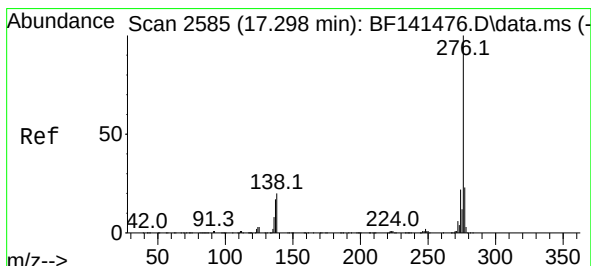
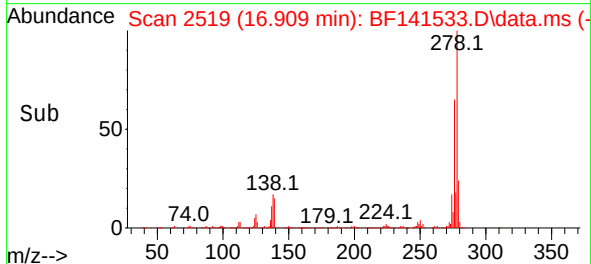
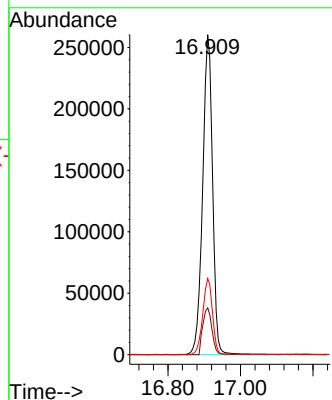
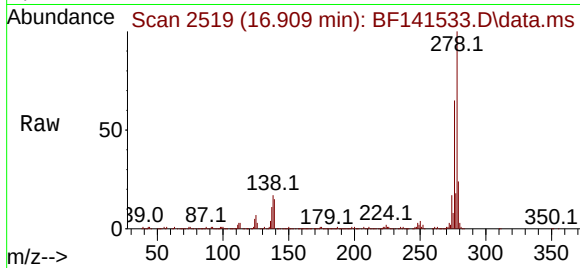




#91
Dibenzo(a,h)anthracene
Concen: 50.955 ng
RT: 16.909 min Scan# 2513
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS

Tgt Ion:278 Resp: 494642
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.739 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:276 Resp: 484949
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 18.6 15.9 23.9

