

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141716.D
 Acq On : 21 Feb 2025 13:13
 Operator : RC/JU
 Sample : PB166796BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166796BS

Quant Time: Feb 21 13:33:41 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	6.781	152	96327	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	367759	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	197796	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	317365	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	189562	20.000	ng	-0.02
86) Perylene-d12	15.380	264	175001	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	825531	134.357	ng	0.00
7) Phenol-d6	6.428	99	1004852	129.393	ng	-0.01
23) Nitrobenzene-d5	7.345	82	659201	93.493	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	266645	134.198	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1222896	95.252	ng	-0.01
79) Terphenyl-d14	12.880	244	1202534	107.093	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	105631	42.715	ng	96
3) Pyridine	3.328	79	240212	40.820	ng	95
4) n-Nitrosodimethylamine	3.275	42	149736	38.428	ng	88
6) Aniline	6.445	93	243130	33.375	ng	# 79
8) 2-Chlorophenol	6.569	128	292303	44.027	ng	99
9) Benzaldehyde	6.328	77	125954	30.521	ng	99
10) Phenol	6.440	94	337942	41.810	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	273776	45.095	ng	99
12) 1,3-Dichlorobenzene	6.722	146	309299	44.128	ng	96
13) 1,4-Dichlorobenzene	6.798	146	314513	43.918	ng	98
14) 1,2-Dichlorobenzene	6.945	146	296140	44.556	ng	99
15) Benzyl Alcohol	6.928	79	240813	40.437	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	413559	39.794	ng	74
17) 2-Methylphenol	7.045	107	224267	43.165	ng	96
18) Hexachloroethane	7.287	117	115700	43.655	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	198827	42.802	ng	94
20) 3+4-Methylphenols	7.198	107	291160	44.097	ng	97
22) Acetophenone	7.192	105	444238	48.560	ng	# 93
24) Nitrobenzene	7.369	77	300879	43.761	ng	98
25) Isophorone	7.604	82	530301	47.170	ng	99
26) 2-Nitrophenol	7.681	139	153988	45.017	ng	96
27) 2,4-Dimethylphenol	7.722	122	229256	57.370	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	326865	45.373	ng	100
29) 2,4-Dichlorophenol	7.928	162	241138	44.661	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	263172	44.760	ng	100
31) Naphthalene	8.087	128	832158	43.470	ng	100
32) Benzoic acid	7.869	122	153420	36.962	ng	99
33) 4-Chloroaniline	8.145	127	62094	9.290	ng	97
34) Hexachlorobutadiene	8.198	225	161015	45.616	ng	100
35) Caprolactam	8.510	113	51665	31.428	ng	93
36) 4-Chloro-3-methylphenol	8.634	107	259174	43.334	ng	99
37) 2-Methylnaphthalene	8.775	142	521968	41.901	ng	99
38) 1-Methylnaphthalene	8.875	142	506083	41.946	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	283833	49.600	ng	99
41) Hexachlorocyclopentadiene	8.928	237	268395	141.012	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	161386	43.635	ng	99

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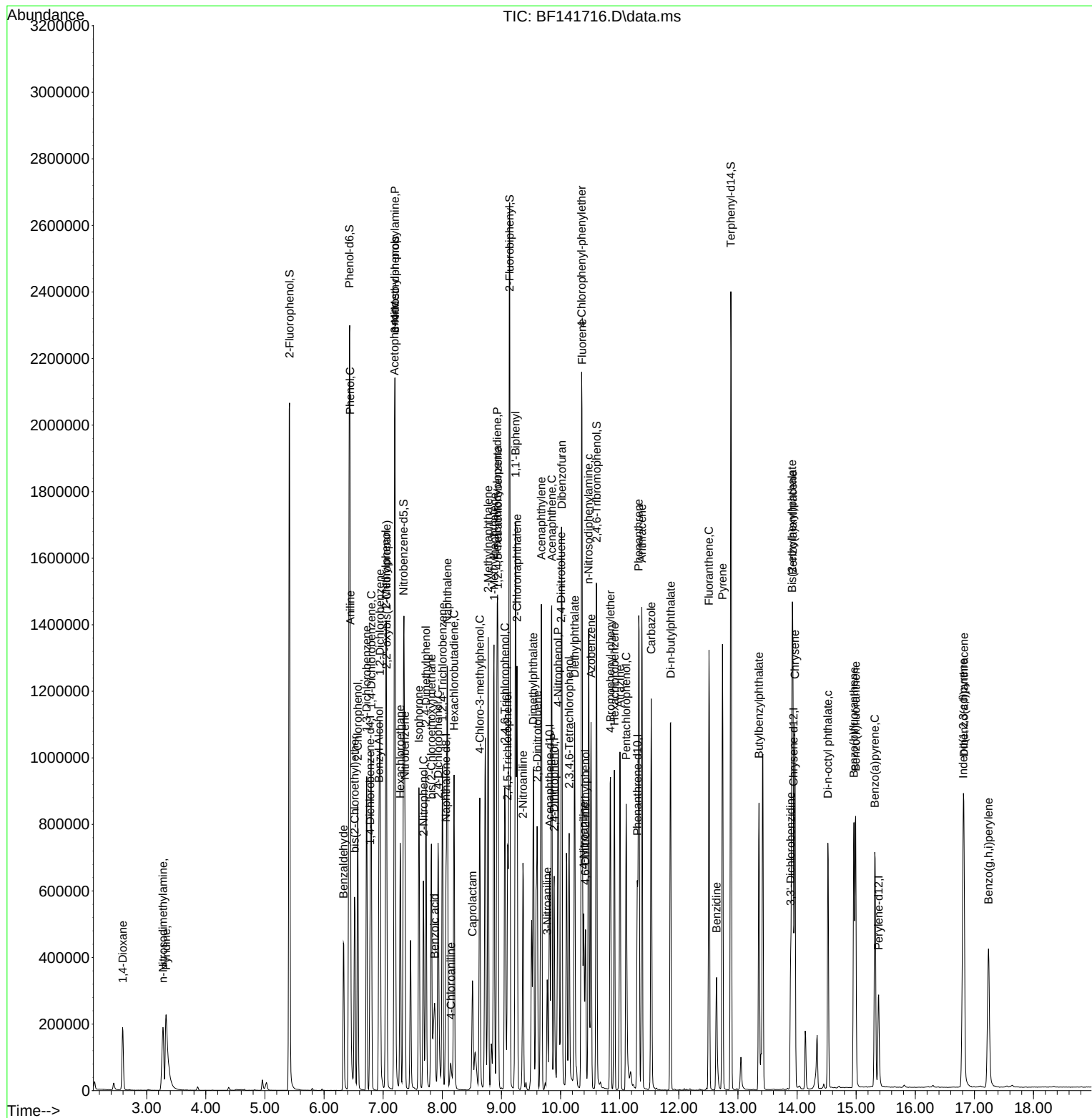
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	179810	44.859	ng	98
46) 1,1'-Biphenyl	9.239	154	751828	49.028	ng	100
47) 2-Chloronaphthalene	9.263	162	510527	45.022	ng	99
48) 2-Nitroaniline	9.363	65	162968	42.823	ng	98
49) Acenaphthylene	9.675	152	780969	46.303	ng	99
50) Dimethylphthalate	9.539	163	606500	45.167	ng	100
51) 2,6-Dinitrotoluene	9.604	165	131564	44.819	ng	99
52) Acenaphthene	9.851	154	485095	42.781	ng	97
53) 3-Nitroaniline	9.775	138	72914	23.078	ng	97
54) 2,4-Dinitrophenol	9.892	184	130938	75.053	ng	89
55) Dibenzofuran	10.022	168	700474	42.087	ng	99
56) 4-Nitrophenol	9.957	139	172354	73.488	ng	94
57) 2,4-Dinitrotoluene	10.010	165	174926	44.764	ng	100
58) Fluorene	10.363	166	559205	43.454	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	147851	42.844	ng	95
60) Diethylphthalate	10.239	149	572964	43.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	273847	44.233	ng	97
62) 4-Nitroaniline	10.392	138	128559	40.073	ng	98
63) Azobenzene	10.516	77	537548	40.928	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	92742	42.068	ng	94
66) n-Nitrosodiphenylamine	10.475	169	487775	48.013	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164701	46.434	ng	99
68) Hexachlorobenzene	10.910	284	177525	48.605	ng	99
69) Atrazine	11.004	200	181370	59.509	ng	99
70) Pentachlorophenol	11.110	266	162372	69.526	ng	99
71) Phenanthrene	11.322	178	789793	45.210	ng	100
72) Anthracene	11.375	178	807352	45.974	ng	99
73) Carbazole	11.533	167	689575	43.640	ng	99
74) Di-n-butylphthalate	11.863	149	819175	44.898	ng	100
75) Fluoranthene	12.510	202	776148	41.906	ng	100
77) Benzidine	12.639	184	224440	53.685	ng	100
78) Pyrene	12.739	202	770336	47.738	ng	100
80) Butylbenzylphthalate	13.357	149	277925	49.724	ng	98
81) Benzo(a)anthracene	13.927	228	579389	45.980	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	115921	32.115	ng	99
83) Chrysene	13.963	228	538467	46.280	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	339083	53.789	ng	99
85) Di-n-octyl phthalate	14.521	149	493151	54.837	ng	97
87) Indeno(1,2,3-cd)pyrene	16.810	276	531589	49.161	ng	99
88) Benzo(b)fluoranthene	14.963	252	490663	41.757	ng	99
89) Benzo(k)fluoranthene	14.992	252	468742	46.716	ng	99
90) Benzo(a)pyrene	15.315	252	457056	48.070	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	429071	48.971	ng	99
92) Benzo(g,h,i)perylene	17.239	276	416531	45.429	ng	100

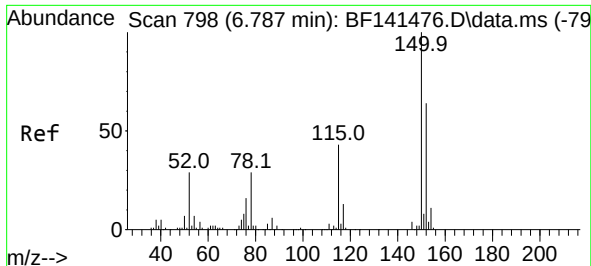
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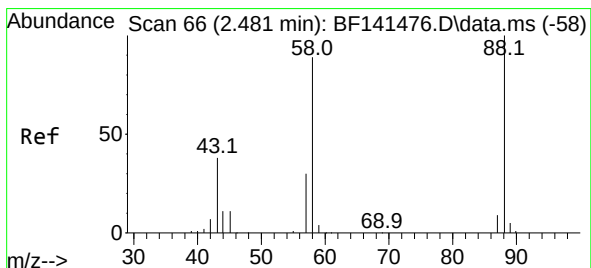
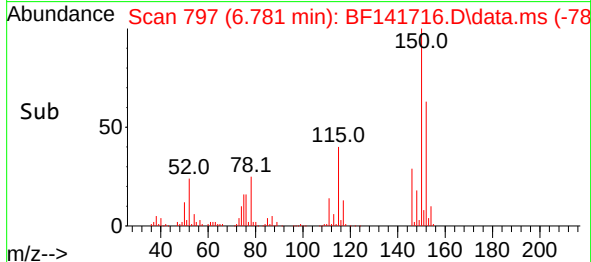
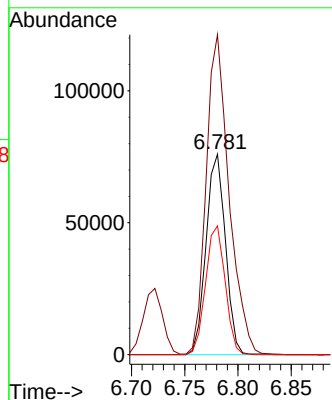
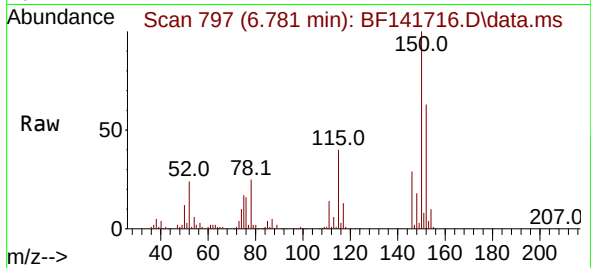




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141716.D
 Acq: 21 Feb 2025 13:13

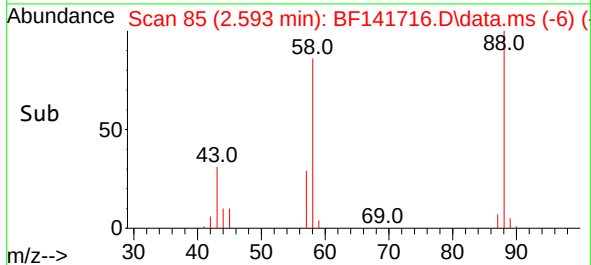
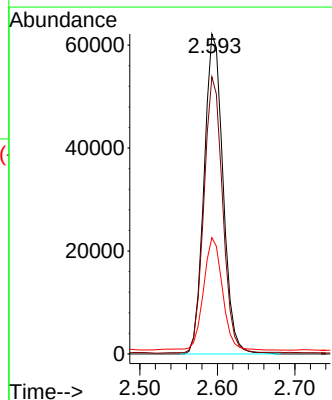
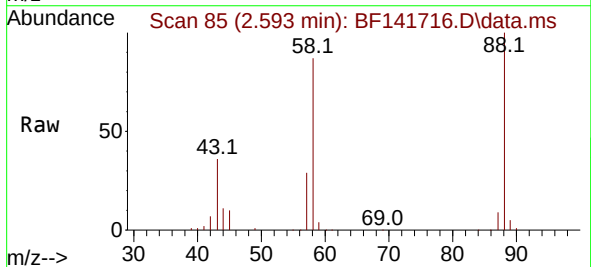
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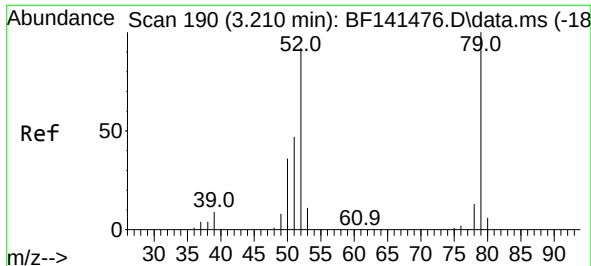
Tgt Ion:152 Resp: 96327
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.0 187.4
 115 64.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.715 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141716.D
 Acq: 21 Feb 2025 13:13

Tgt Ion: 88 Resp: 105631
 Ion Ratio Lower Upper
 88 100
 58 85.6 71.1 106.7
 43 35.3 30.6 46.0





#3

Pyridine

Concen: 40.820 ng

RT: 3.328 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

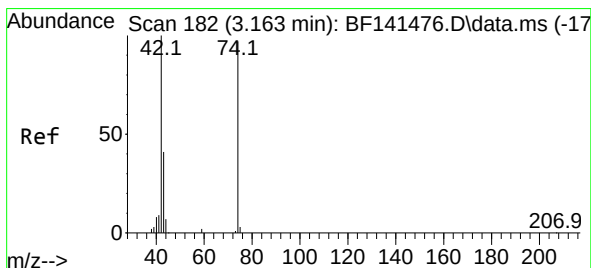
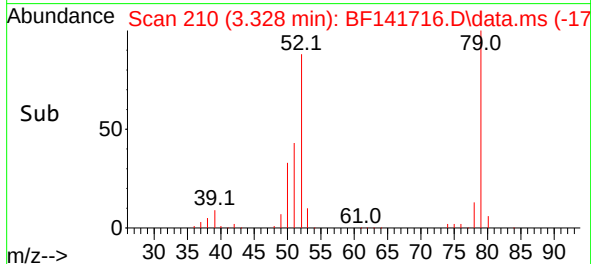
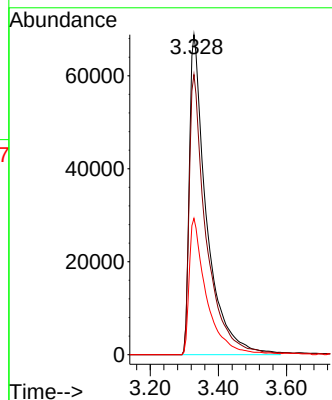
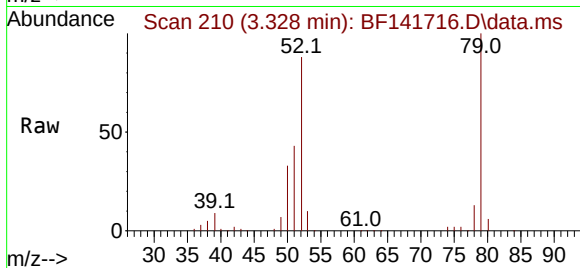
Tgt Ion: 79 Resp: 240212

Ion Ratio Lower Upper

79 100

52 87.6 73.7 110.5

51 42.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.428 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

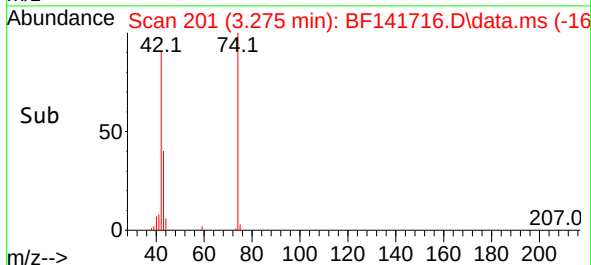
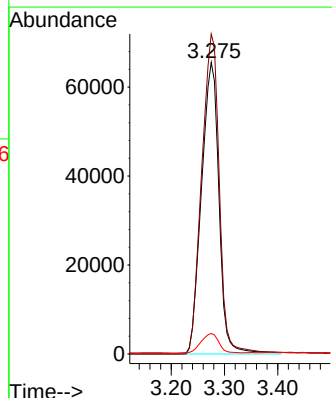
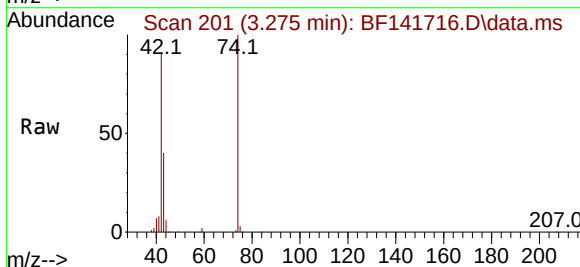
Tgt Ion: 42 Resp: 149736

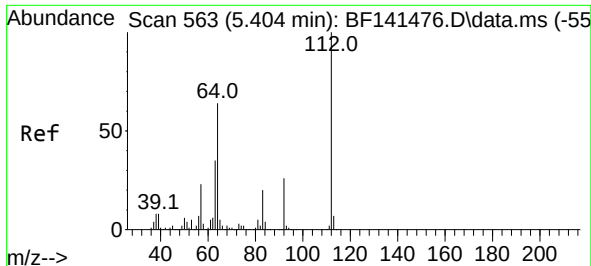
Ion Ratio Lower Upper

42 100

74 109.8 78.0 117.0

44 7.0 5.4 8.2

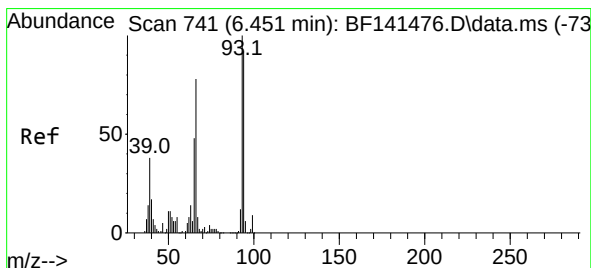
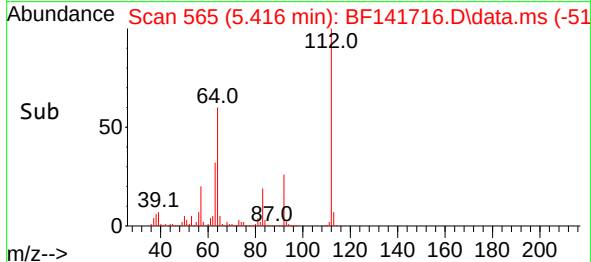
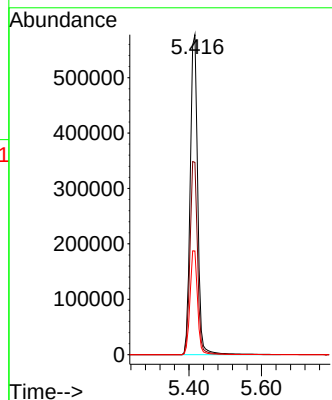
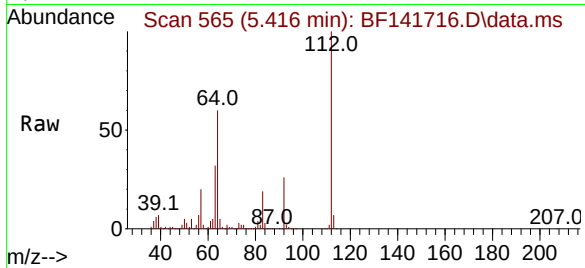




#5
2-Fluorophenol
Concen: 134.357 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

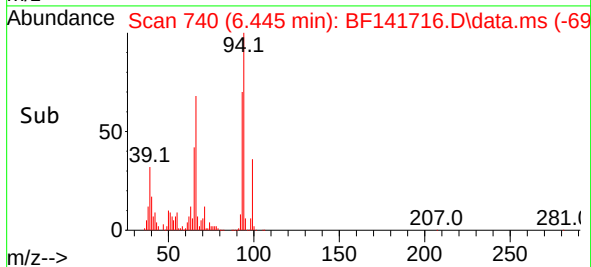
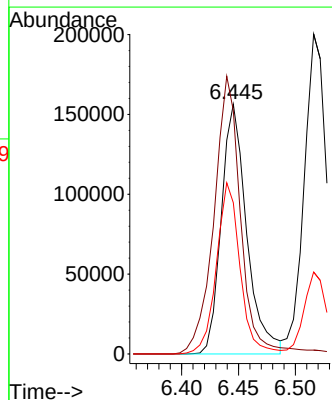
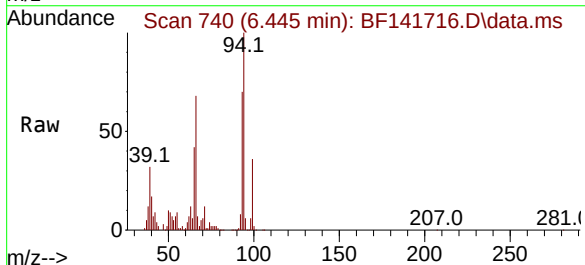
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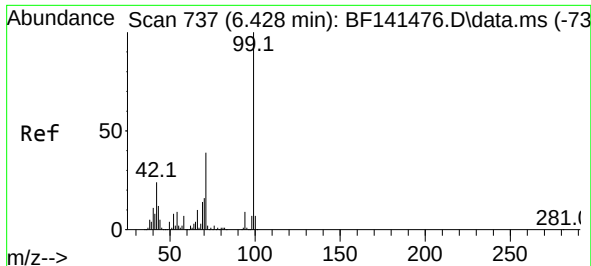
Tgt Ion:112 Resp: 825531
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 32.4 28.4 42.6



#6
Aniline
Concen: 33.375 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion: 93 Resp: 243130
Ion Ratio Lower Upper
93 100
66 97.4 62.6 94.0#
65 60.5 38.3 57.5#

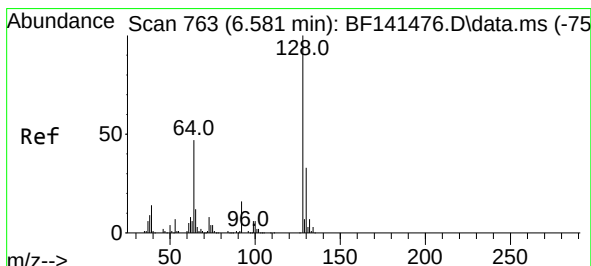
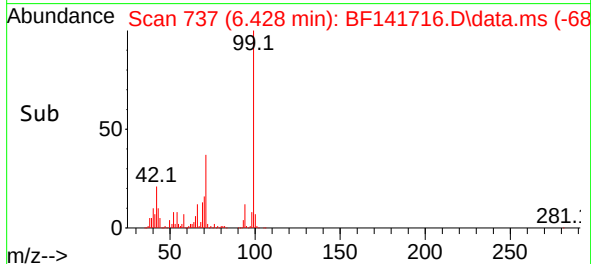
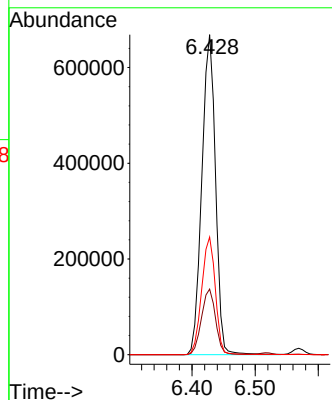
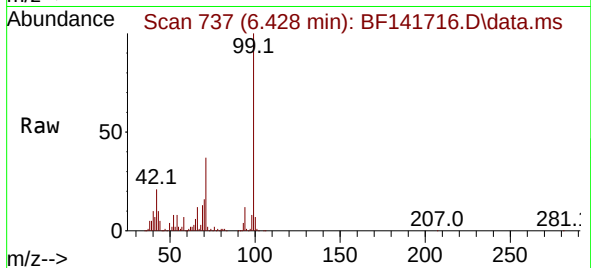




#7
Phenol-d6
Concen: 129.393 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

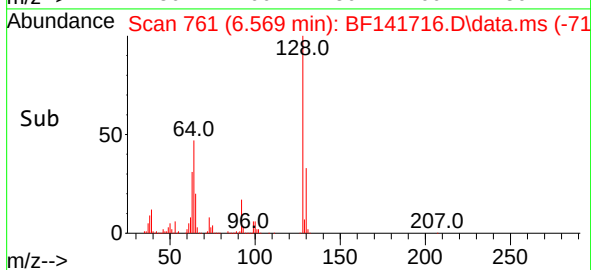
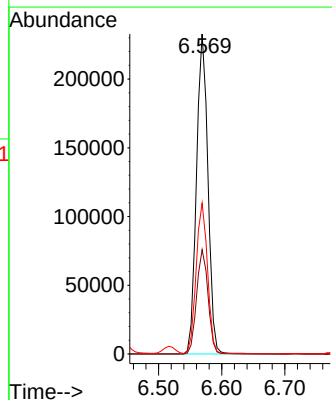
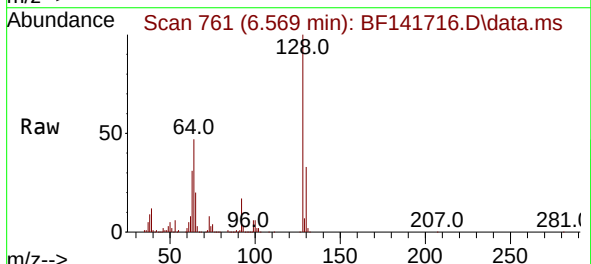
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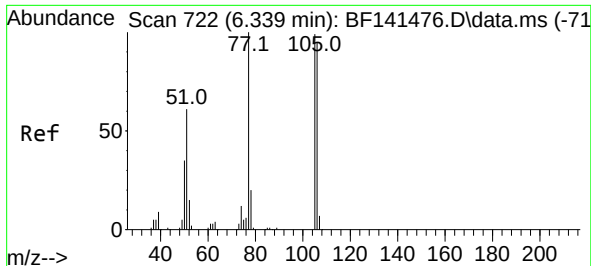
Tgt Ion: 99 Resp: 1004852
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 44.027 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:128 Resp: 292303
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.1 28.3 68.3

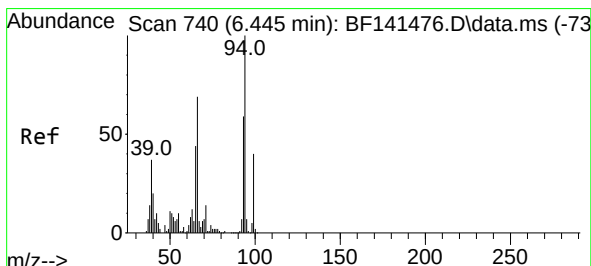
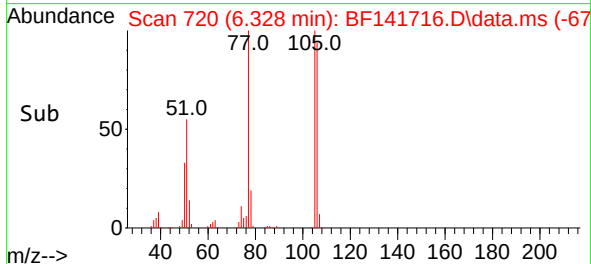
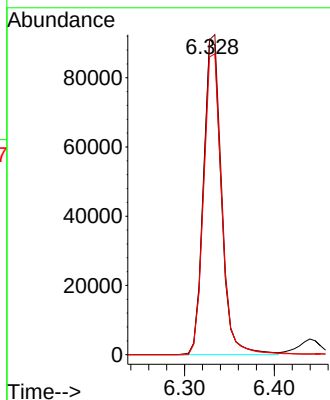
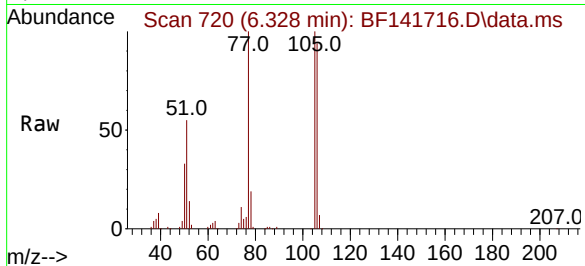




#9
Benzaldehyde
Concen: 30.521 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141716.D
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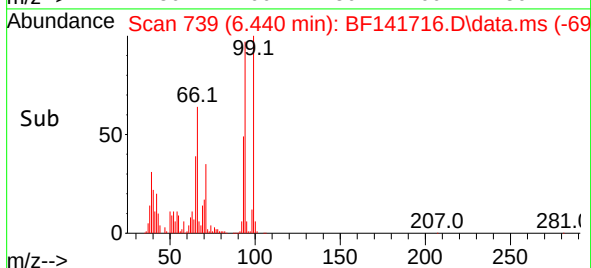
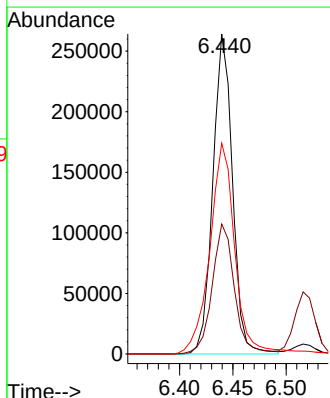
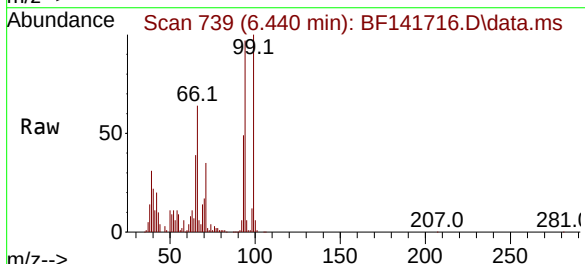
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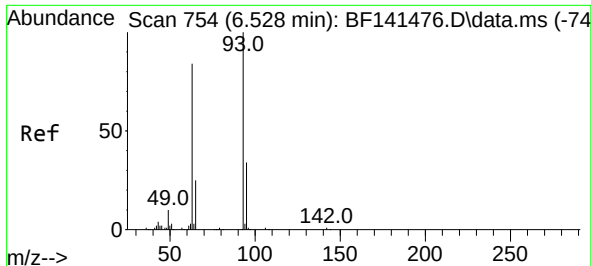
Tgt Ion: 77 Resp: 125954
Ion Ratio Lower Upper
77 100
105 99.9 79.4 119.4
106 94.4 75.1 115.1



#10
Phenol
Concen: 41.810 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141716.D
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Tgt Ion: 94 Resp: 337942
Ion Ratio Lower Upper
94 100
65 40.6 23.7 63.7
66 65.8 49.3 89.3

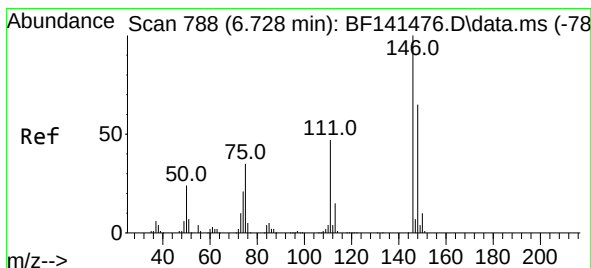
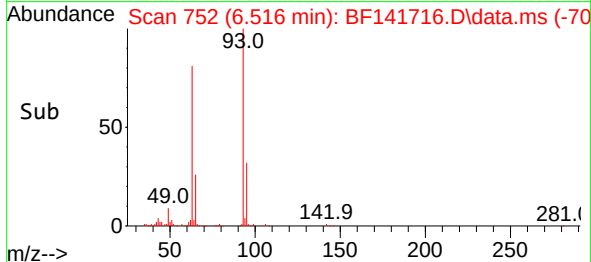
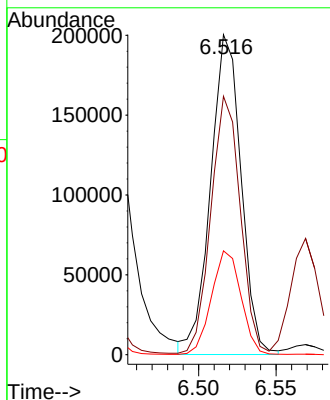
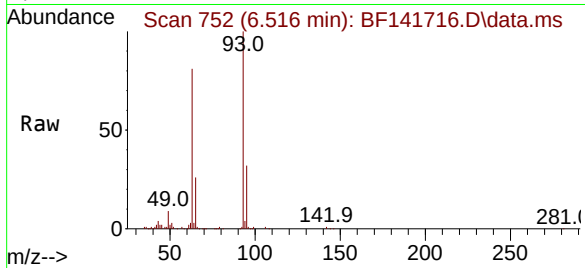




#11
bis(2-Chloroethyl)ether
Concen: 45.095 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

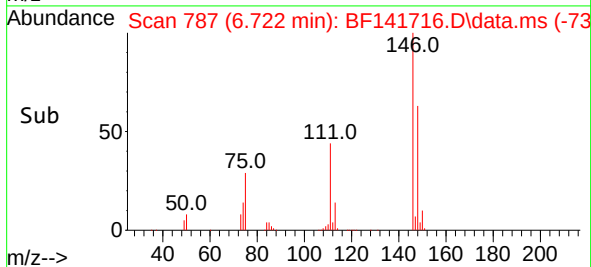
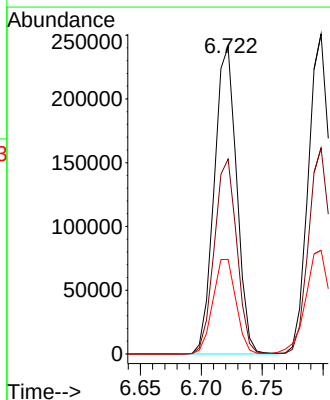
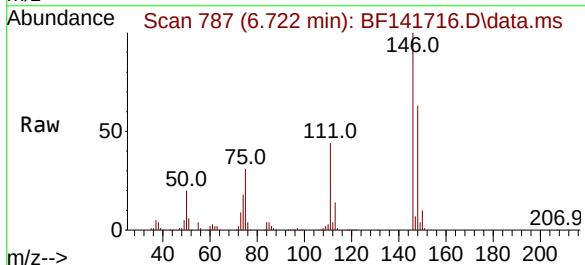
Instrument :
BNA_F
ClientSampleId :
PB166796BS

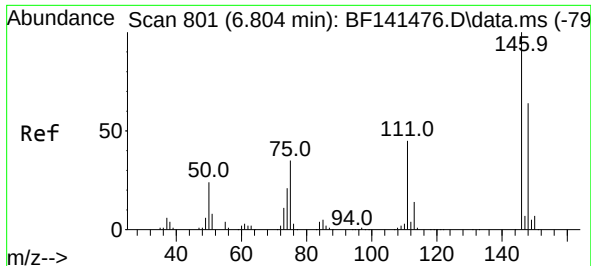
Tgt Ion: 93 Resp: 273776
Ion Ratio Lower Upper
93 100
63 80.8 62.0 102.0
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.128 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:146 Resp: 309299
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 30.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.918 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

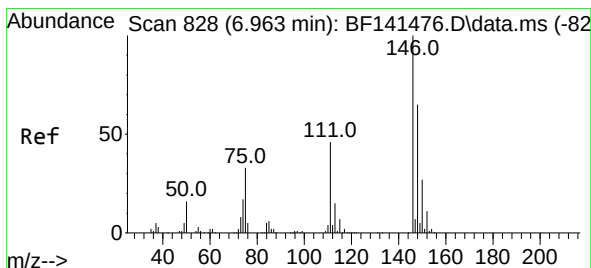
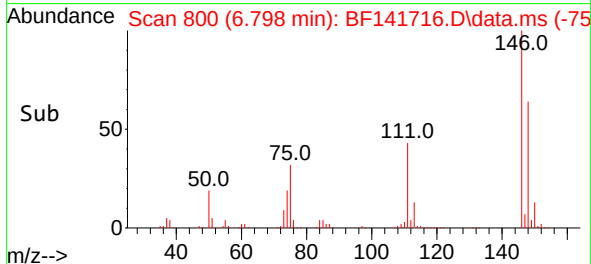
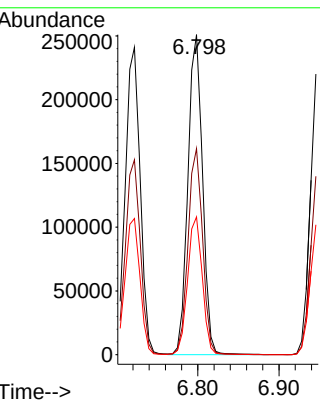
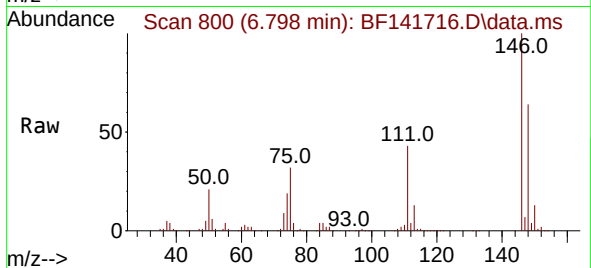
Tgt Ion:146 Resp: 314513

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.556 ng

RT: 6.945 min Scan# 825

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

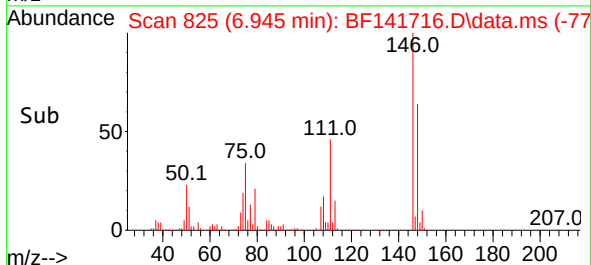
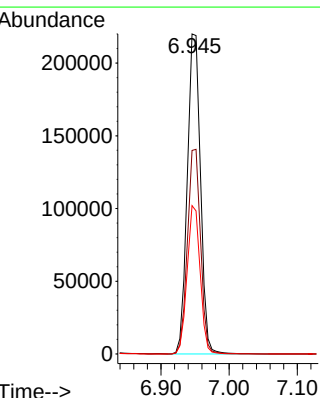
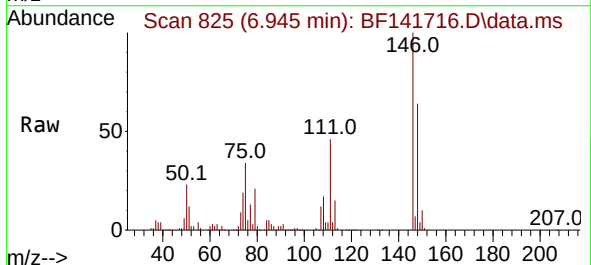
Tgt Ion:146 Resp: 296140

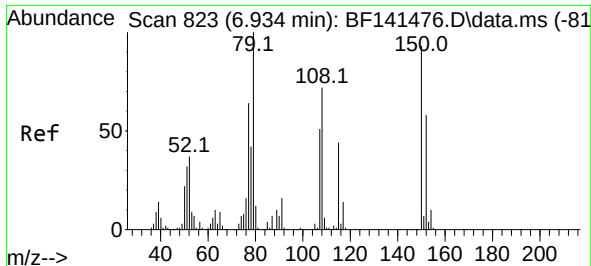
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 46.3 37.0 55.4

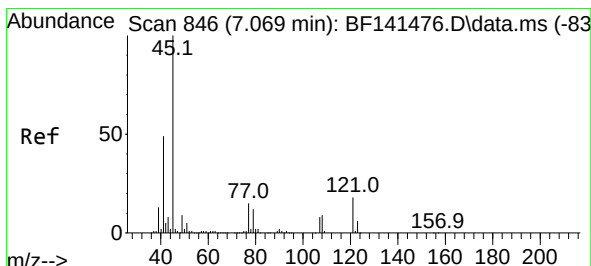
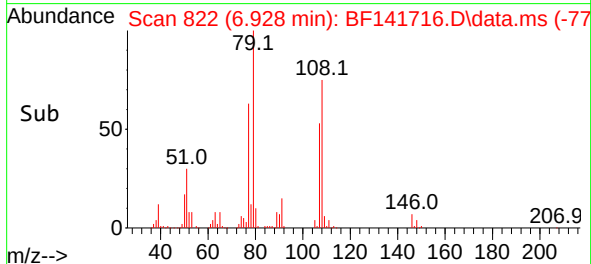
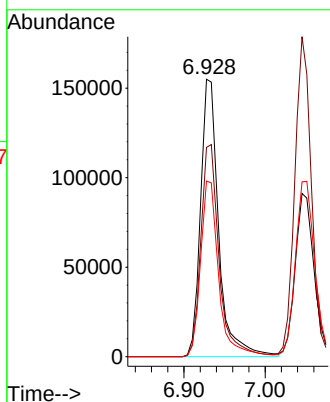
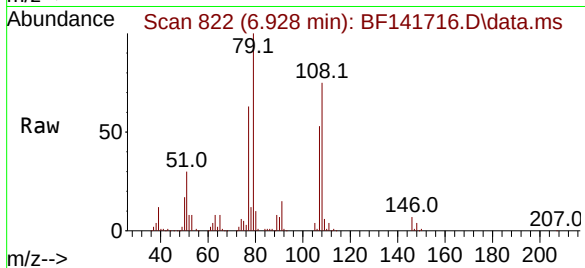




#15
Benzyl Alcohol
Concen: 40.437 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

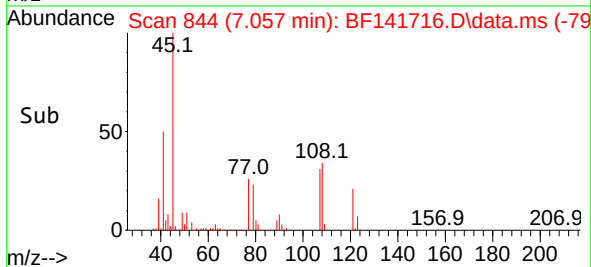
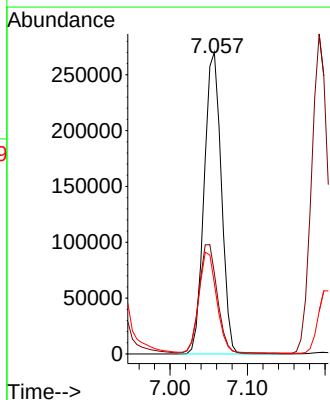
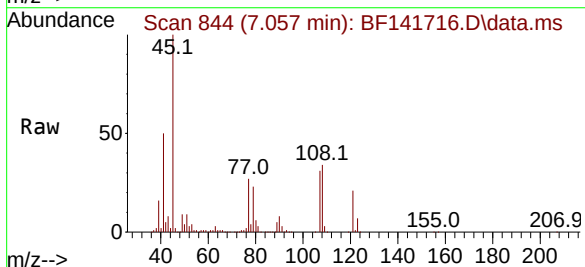
Instrument :
BNA_F
ClientSampleId :
PB166796BS

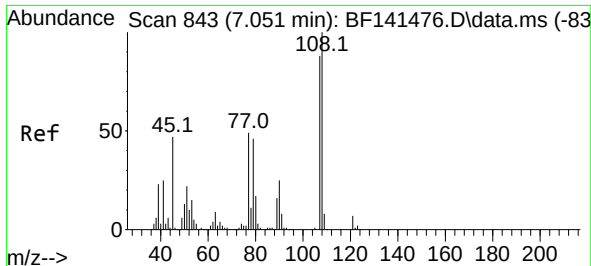
Tgt Ion: 79 Resp: 240813
Ion Ratio Lower Upper
79 100
108 75.5 57.4 86.2
77 63.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.794 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

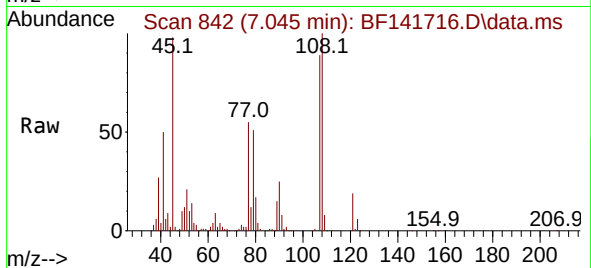
Tgt Ion: 45 Resp: 413559
Ion Ratio Lower Upper
45 100
77 26.8 0.0 35.8
79 23.3 0.0 32.7



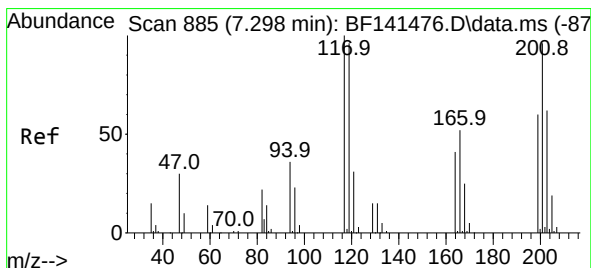
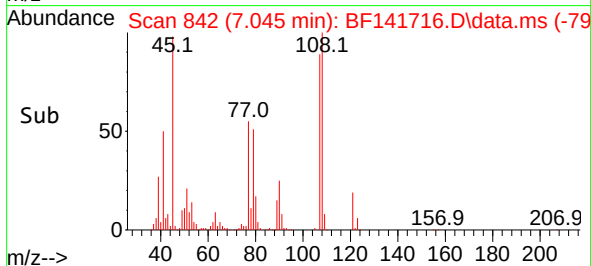
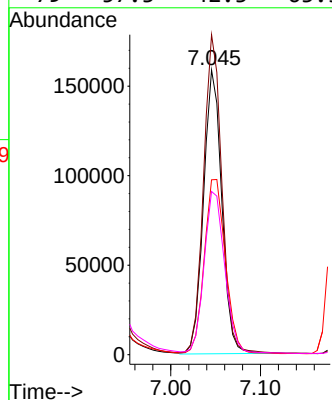


#17
2-Methylphenol
Concen: 43.165 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

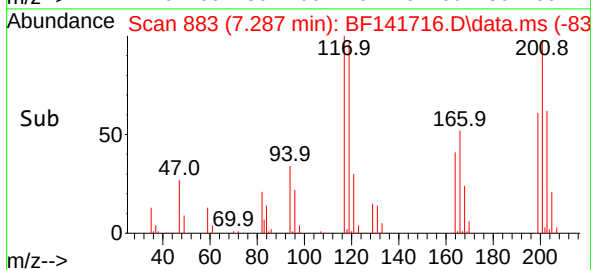
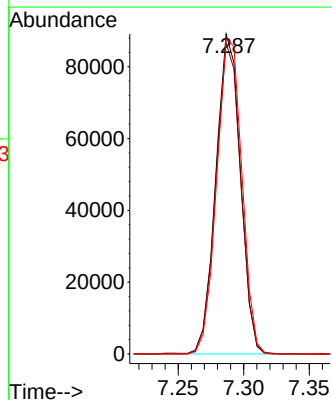
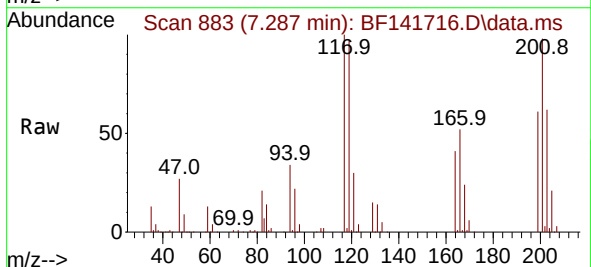


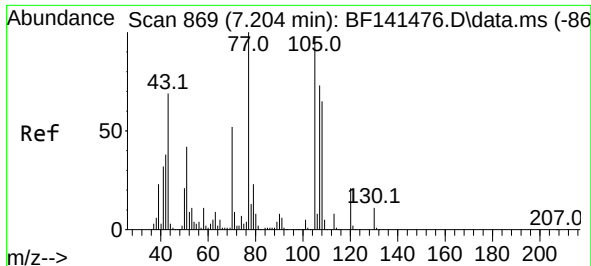
Tgt Ion:	107	Resp:	224267
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	61.4	44.4	66.6
79	57.3	42.3	63.5



#18
Hexachloroethane
Concen: 43.655 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:	117	Resp:	115700
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.5	114.7
201	98.4	76.7	115.1



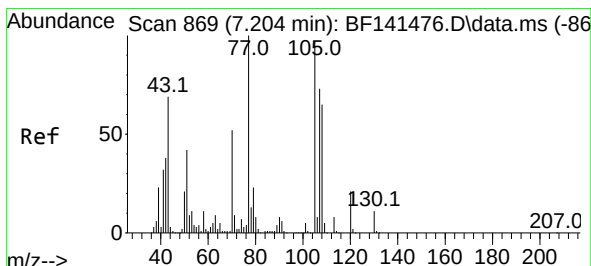
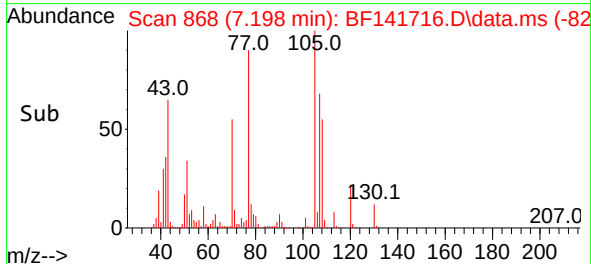
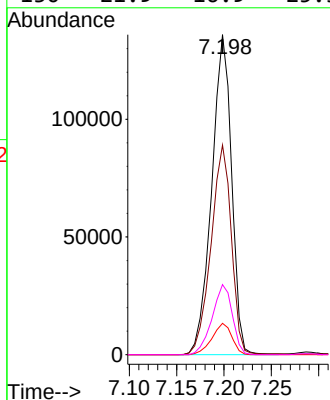
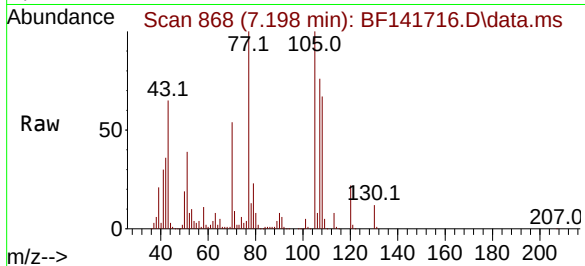


#19
n-Nitroso-di-n-propylamine
Concen: 42.802 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

Tgt Ion: 70 Resp: 198827

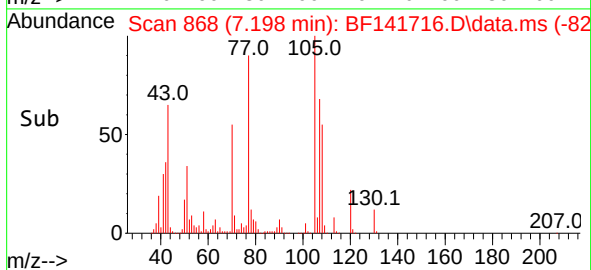
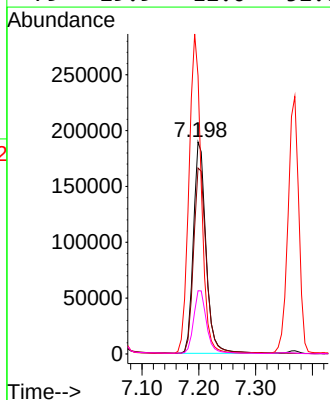
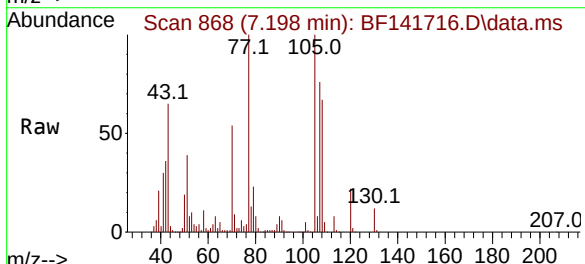
Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.4	86.2
101	9.8	8.0	12.0
130	21.9	16.9	25.3

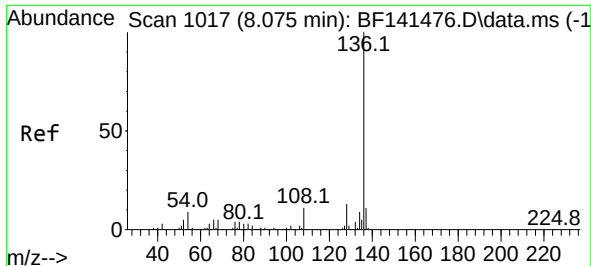


#20
3+4-Methylphenols
Concen: 44.097 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion: 107 Resp: 291160

Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.5	108.5
77	131.2	116.5	156.5
79	29.9	12.0	52.0

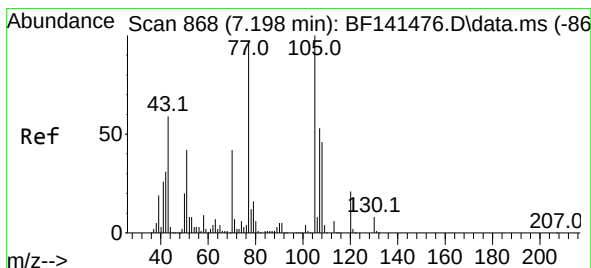
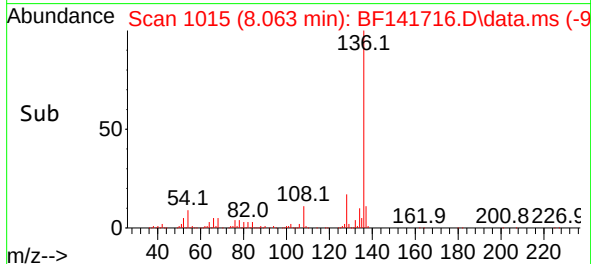
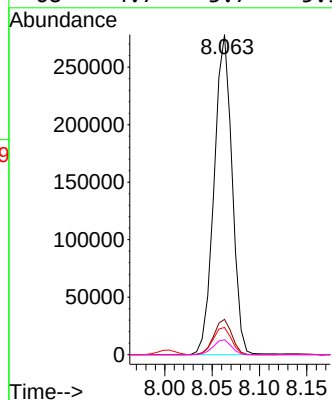
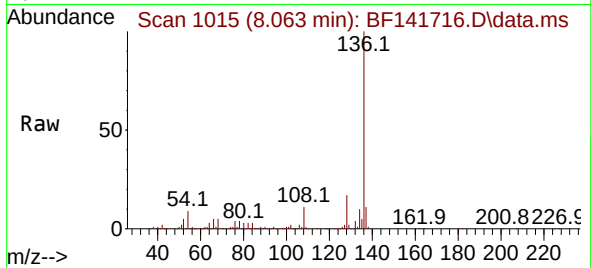




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

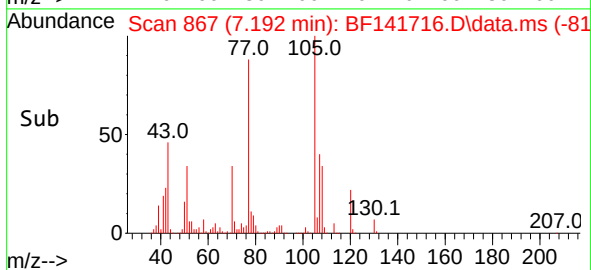
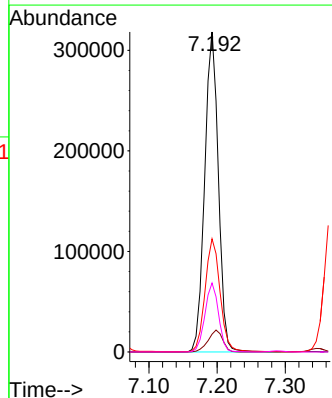
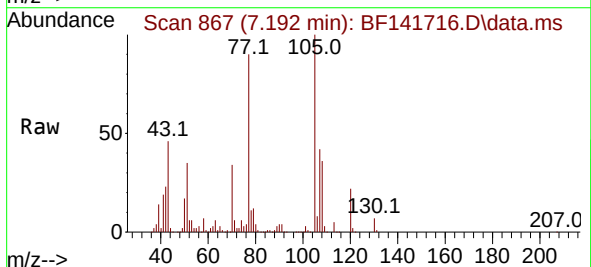
Instrument :
BNA_F
ClientSampleId :
PB166796BS

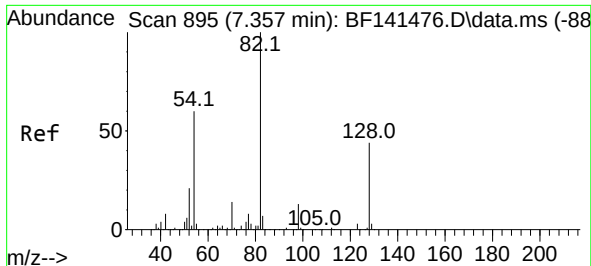
Tgt Ion:136 Resp: 367759
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.2 10.8
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 48.560 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:105 Resp: 444238
Ion Ratio Lower Upper
105 100
71 5.6 5.7 8.5#
51 35.3 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.493 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

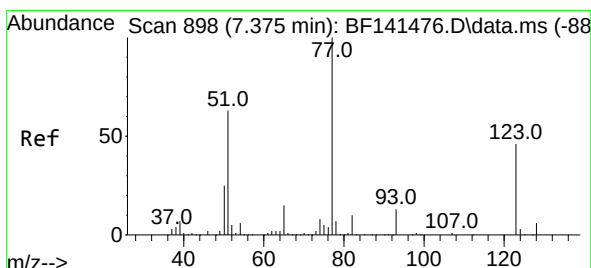
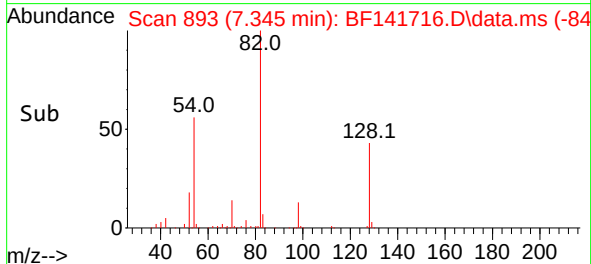
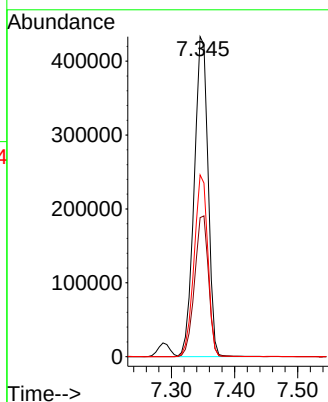
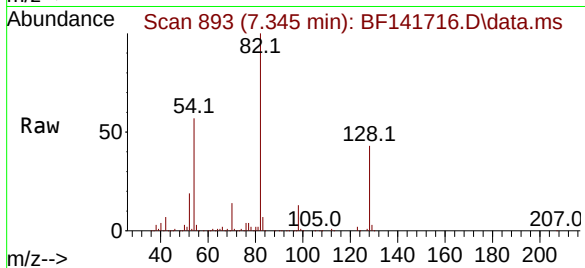
Tgt Ion: 82 Resp: 659201

Ion Ratio Lower Upper

82 100

128 43.4 34.8 52.2

54 56.8 48.2 72.4



#24

Nitrobenzene

Concen: 43.761 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

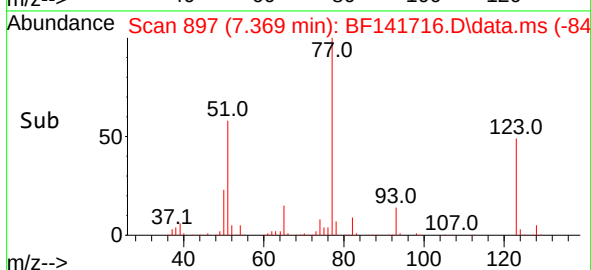
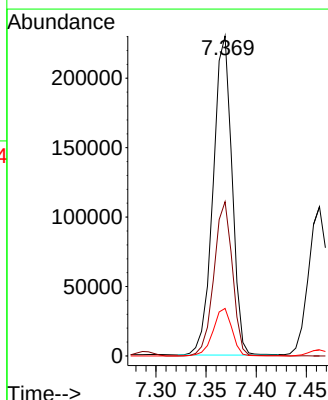
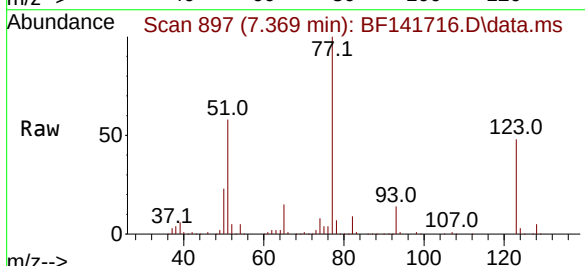
Tgt Ion: 77 Resp: 300879

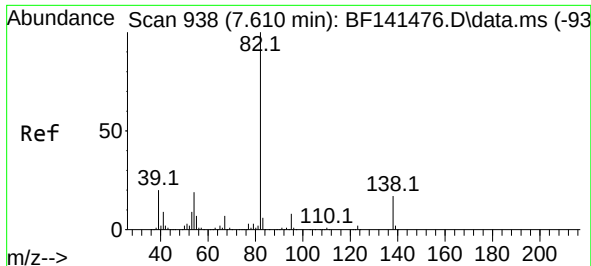
Ion Ratio Lower Upper

77 100

123 48.2 36.9 55.3

65 14.9 11.9 17.9

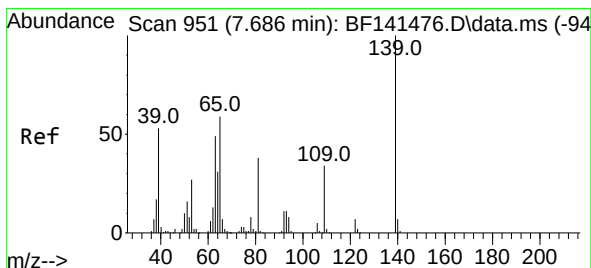
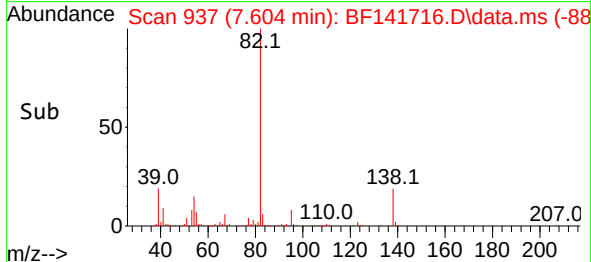
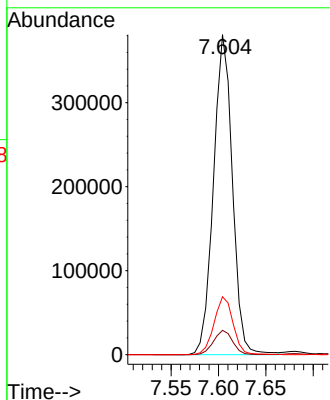
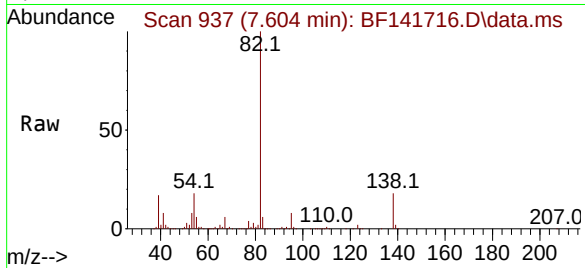




#25
Isophorone
Concen: 47.170 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

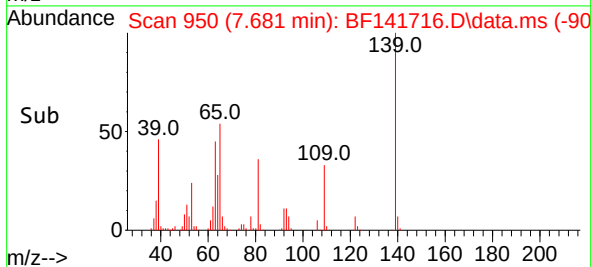
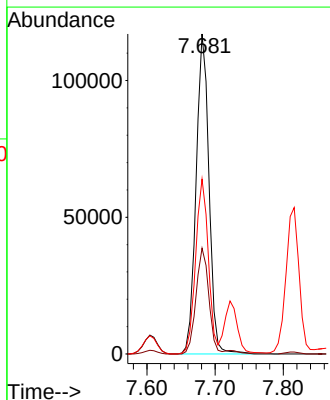
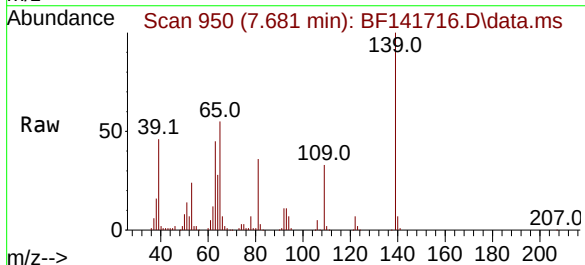
Instrument :
BNA_F
ClientSampleId :
PB166796BS

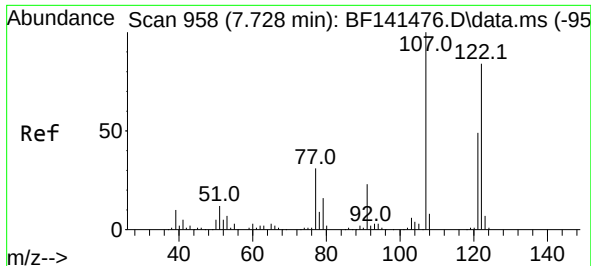
Tgt Ion: 82 Resp: 530301
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 45.017 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

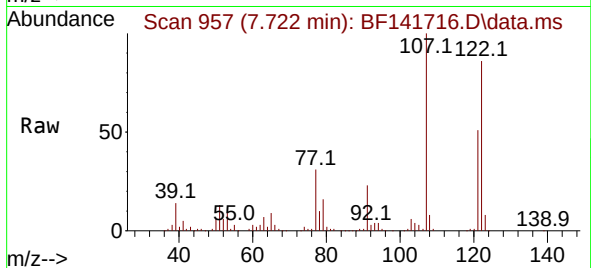
Tgt Ion: 139 Resp: 153988
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 54.6 47.1 70.7



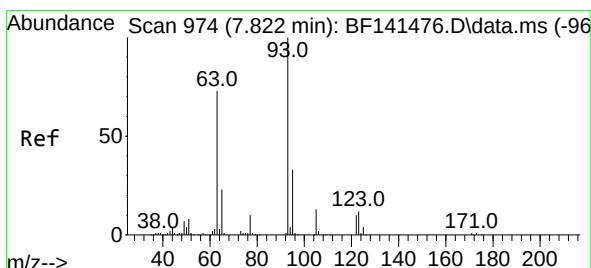
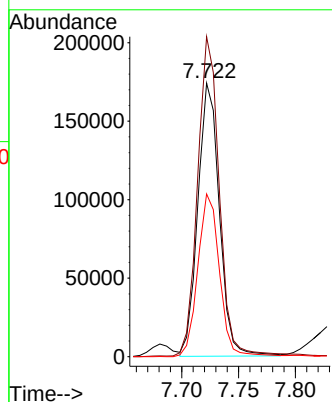
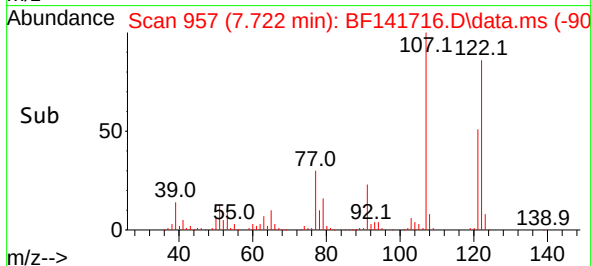


#27
2,4-Dimethylphenol
Concen: 57.370 ng
RT: 7.722 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

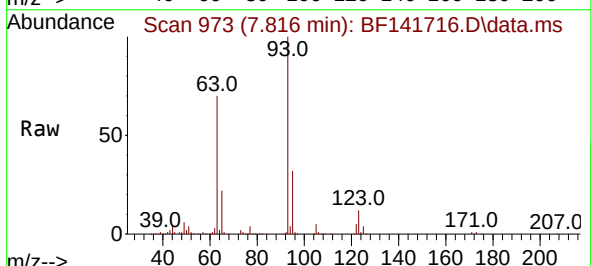
Instrument :
BNA_F
ClientSampleId :
PB166796BS



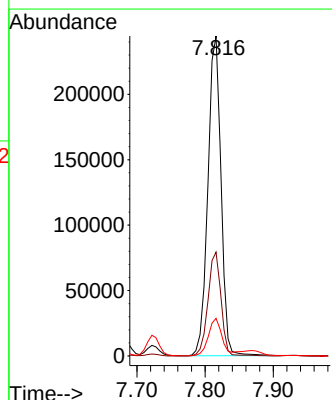
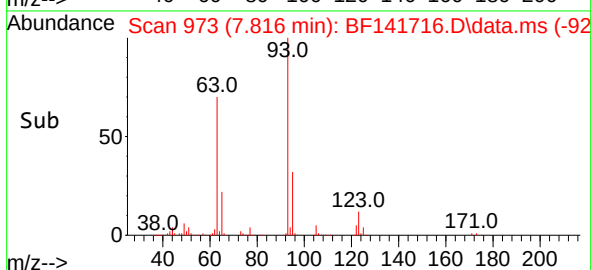
Tgt Ion:122 Resp: 229256
Ion Ratio Lower Upper
122 100
107 116.9 94.3 141.5
121 59.4 46.0 69.0

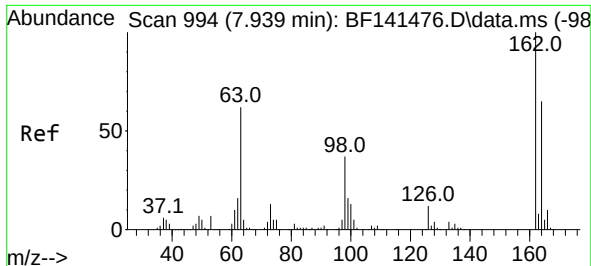


#28
bis(2-Chloroethoxy)methane
Concen: 45.373 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13



Tgt Ion: 93 Resp: 326865
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.661 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

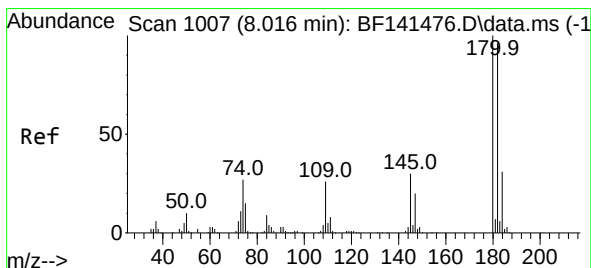
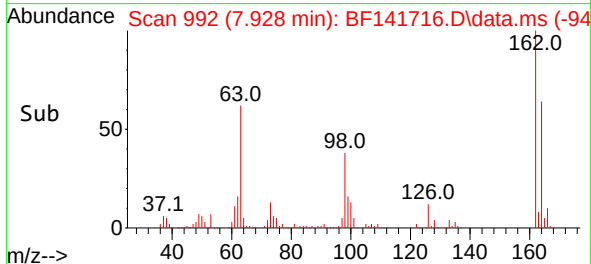
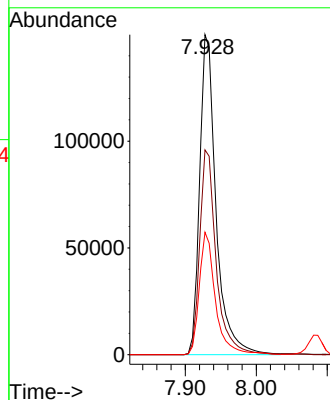
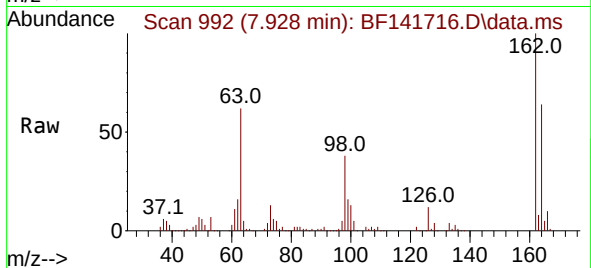
Tgt Ion:162 Resp: 241138

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 38.3 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 44.760 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

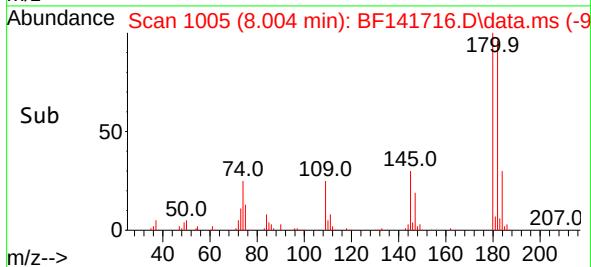
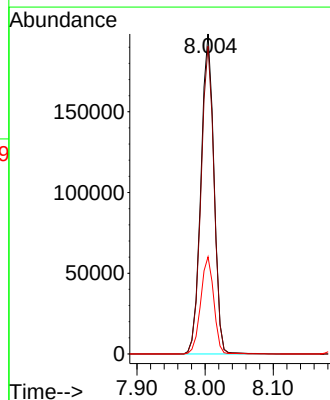
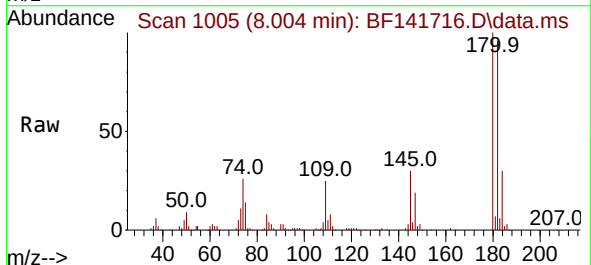
Tgt Ion:180 Resp: 263172

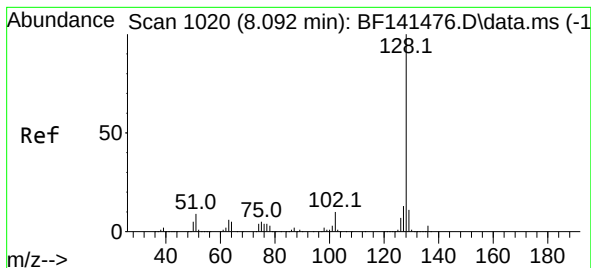
Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

145 30.4 24.2 36.4





#31

Naphthalene

Concen: 43.470 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

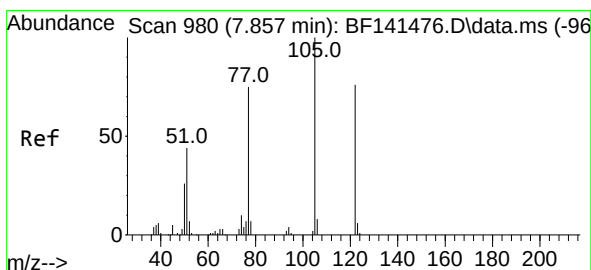
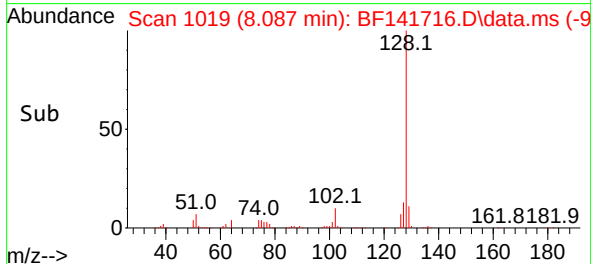
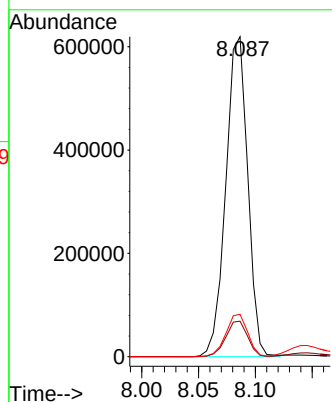
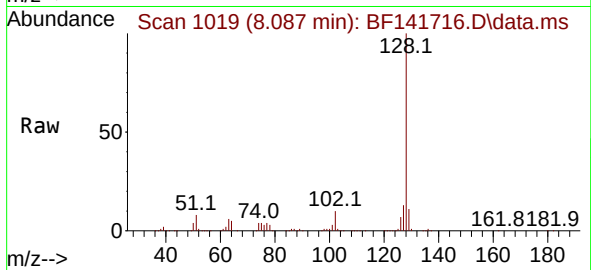
Tgt Ion:128 Resp: 832158

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 36.962 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

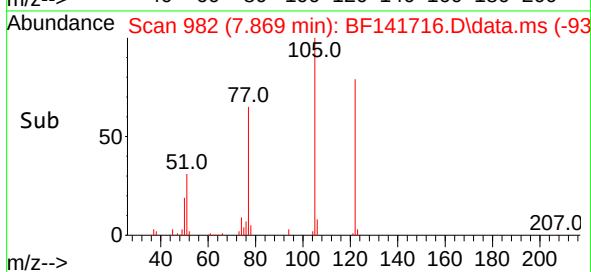
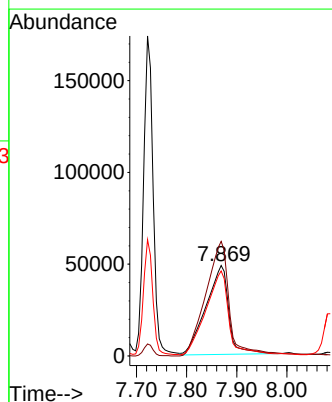
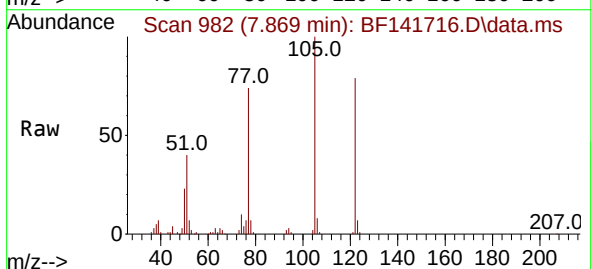
Tgt Ion:122 Resp: 153420

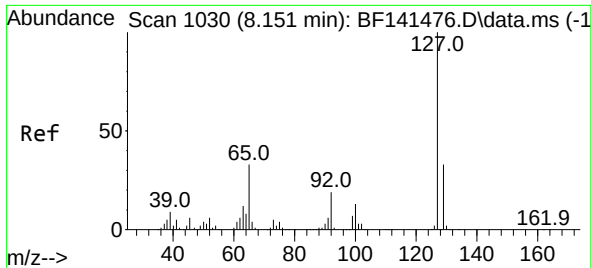
Ion Ratio Lower Upper

122 100

105 126.9 106.5 146.5

77 94.1 76.3 116.3

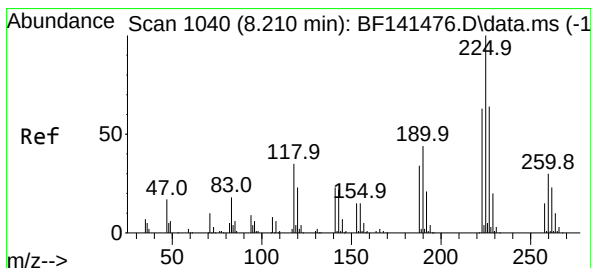
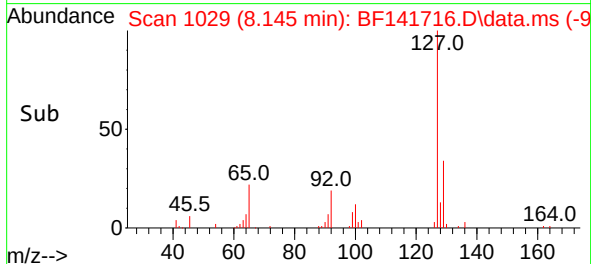
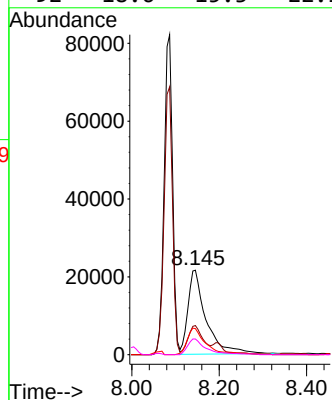
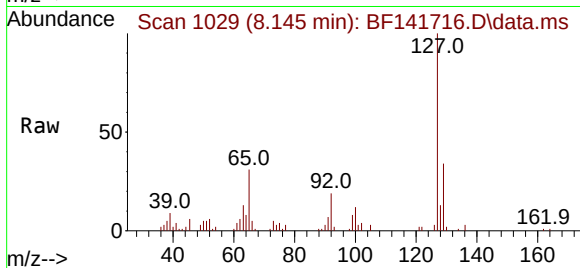




#33
4-Chloroaniline
Concen: 9.290 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

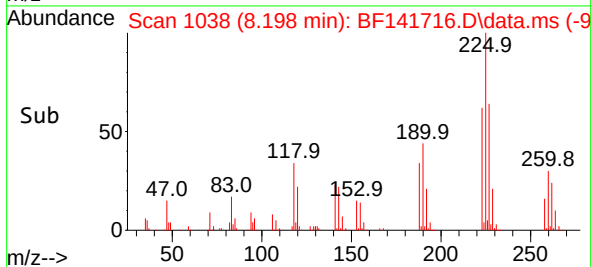
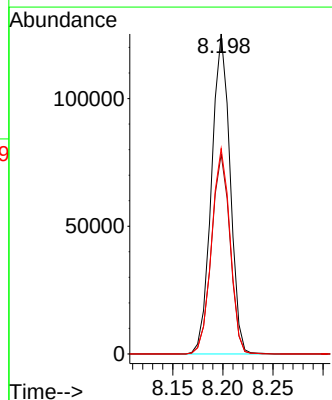
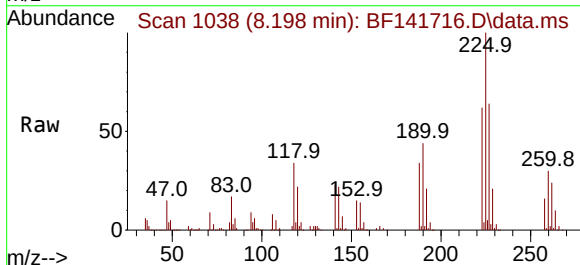
Instrument :
BNA_F
ClientSampleId :
PB166796BS

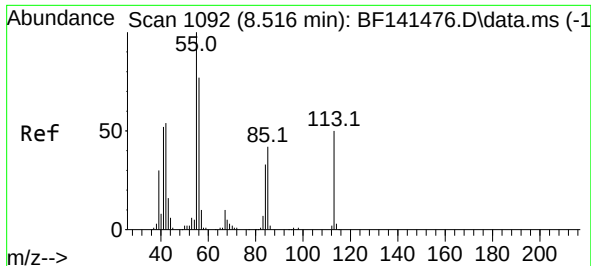
Tgt Ion:	127	Resp:	62094
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.5	39.7
65	30.8	26.4	39.6
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.616 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

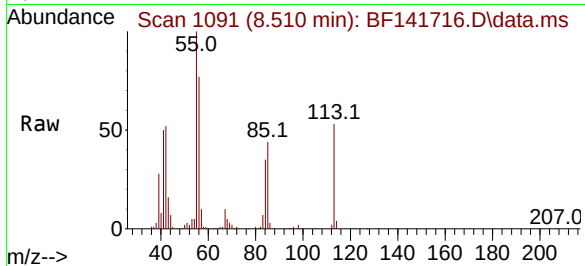
Tgt Ion:	225	Resp:	161015
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	64.2	51.0	76.6



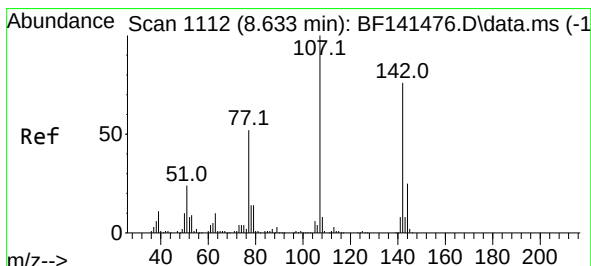
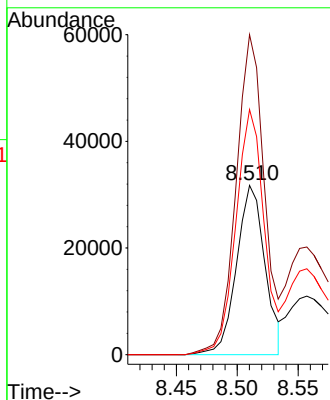
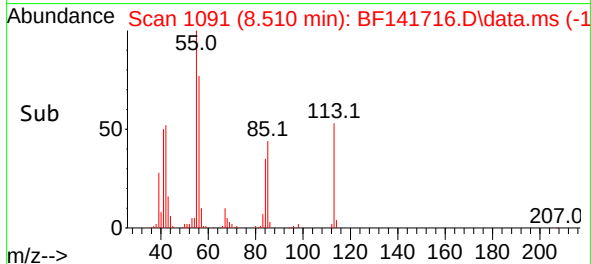


#35
Caprolactam
Concen: 31.428 ng
RT: 8.510 min Scan# 1091
Delta R.T. -0.035 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

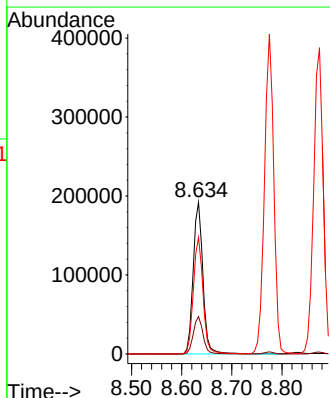
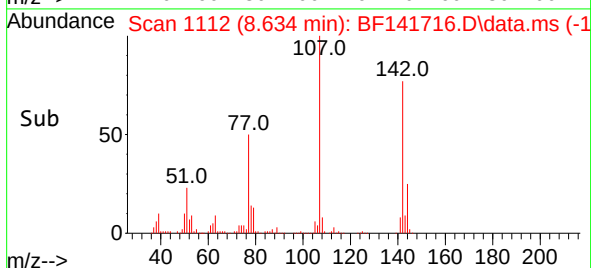
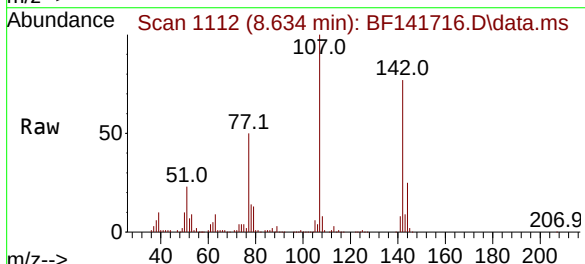


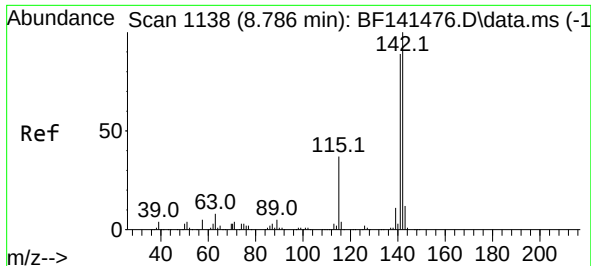
Tgt Ion:113 Resp: 51665
Ion Ratio Lower Upper
113 100
55 189.0 180.8 220.8
56 144.8 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 43.334 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:107 Resp: 259174
Ion Ratio Lower Upper
107 100
144 24.7 19.7 29.5
142 76.9 60.8 91.2

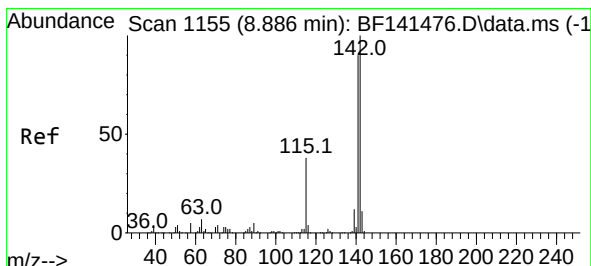
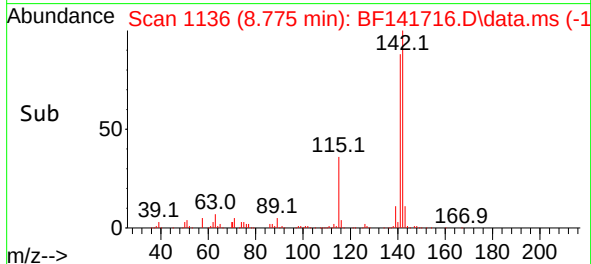
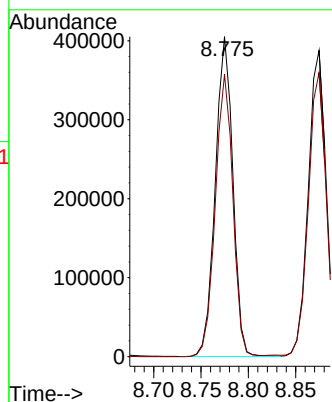
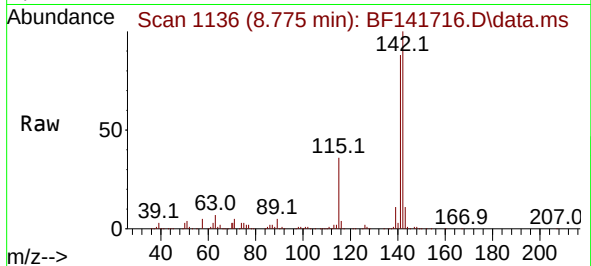




#37
2-Methylnaphthalene
Concen: 41.901 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

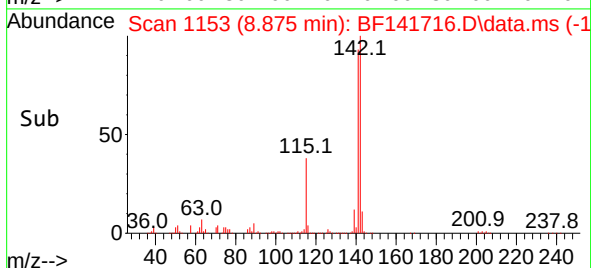
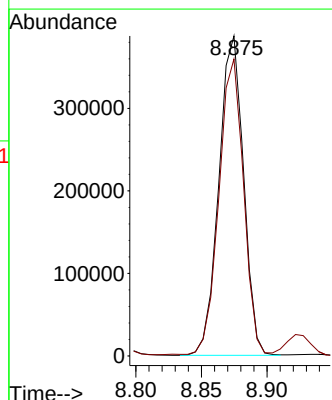
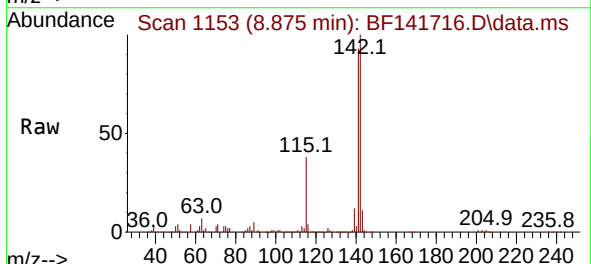
Instrument :
BNA_F
ClientSampleId :
PB166796BS

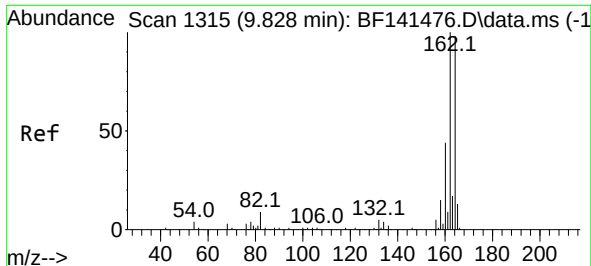
Tgt Ion:142 Resp: 521968
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.946 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:142 Resp: 506083
Ion Ratio Lower Upper
142 100
141 92.8 72.1 108.1

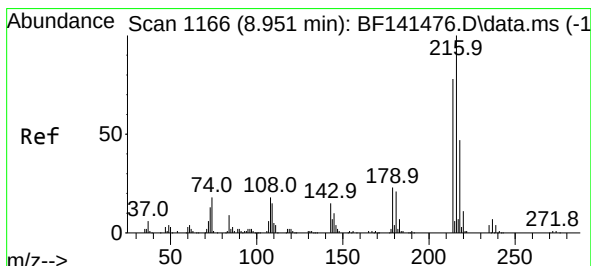
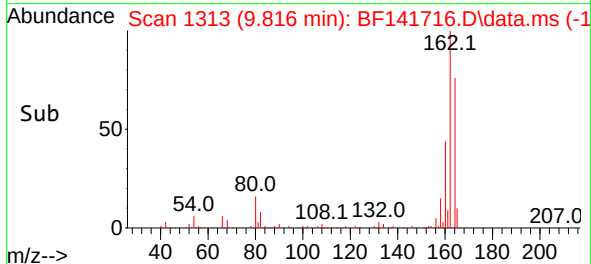
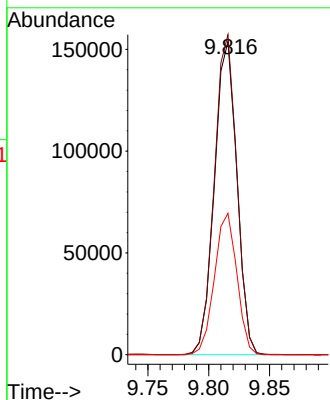
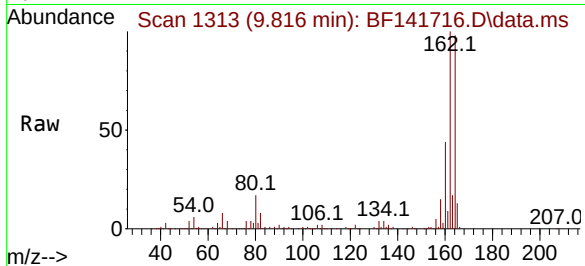




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1113
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

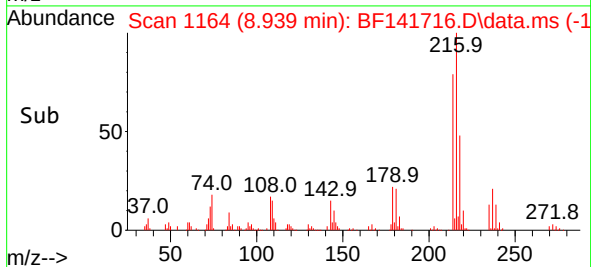
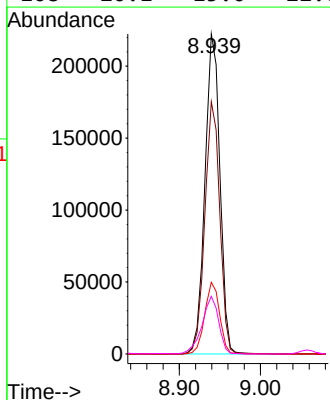
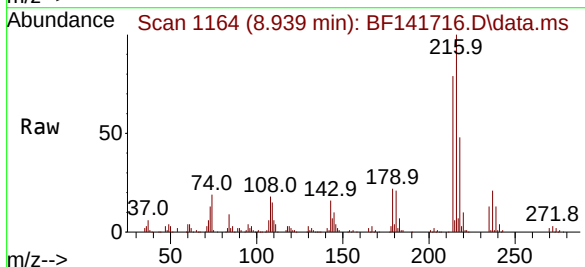
Instrument :
BNA_F
ClientSampleId :
PB166796BS

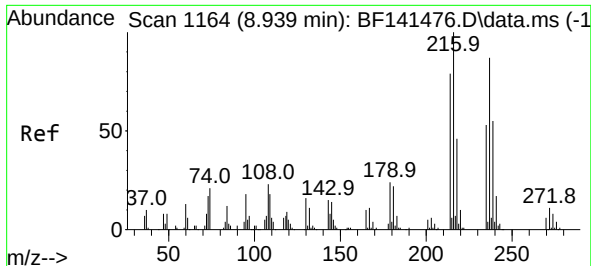
Tgt Ion:164 Resp: 197796
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.600 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

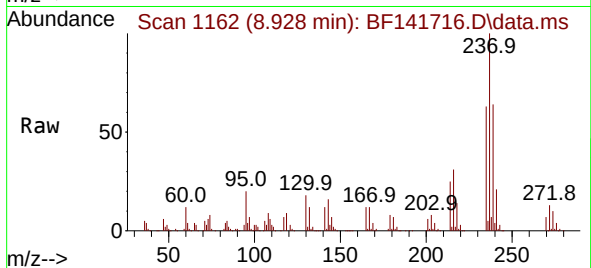
Tgt Ion:216 Resp: 283833
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.3 18.0 27.0
108 20.1 15.0 22.6



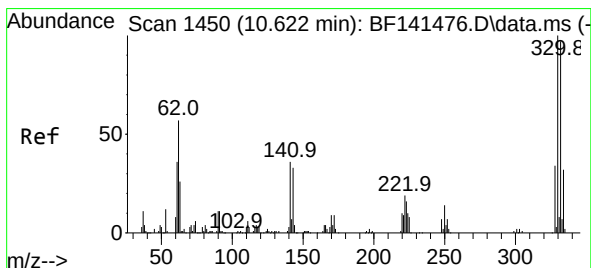
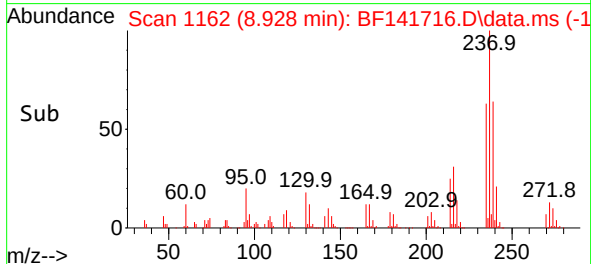
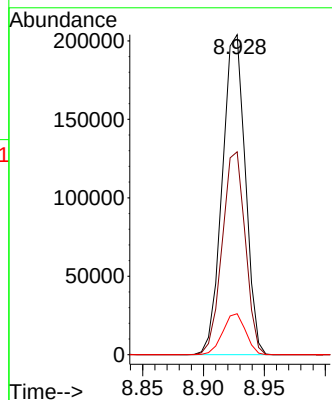


#41
Hexachlorocyclopentadiene
Concen: 141.012 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

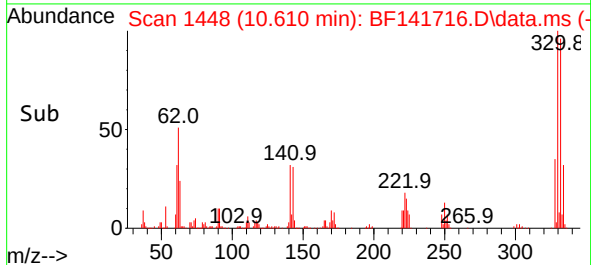
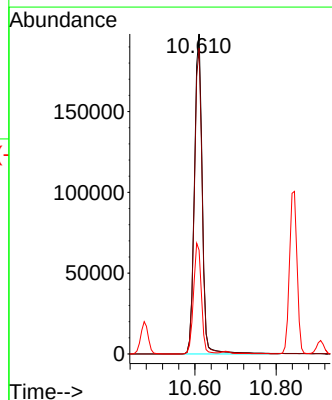
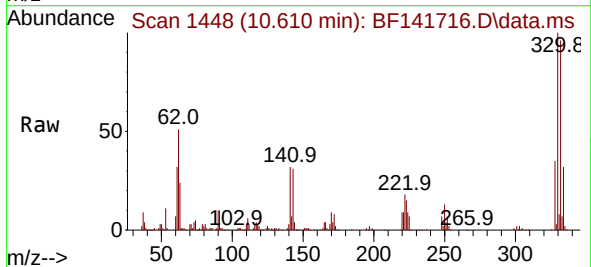


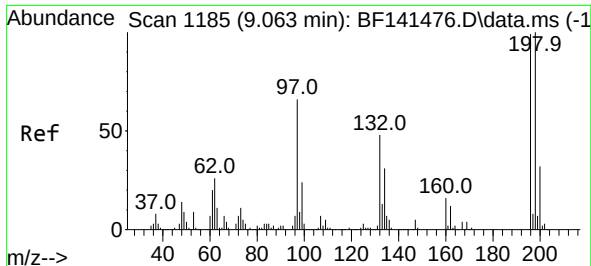
Tgt Ion:237 Resp: 268395
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 134.198 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

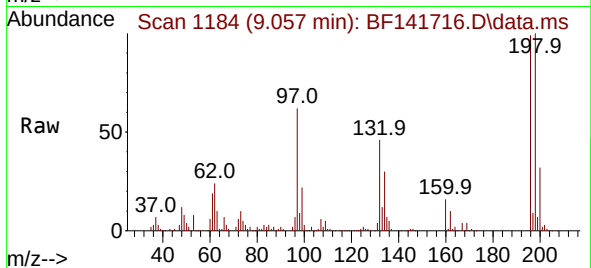
Tgt Ion:330 Resp: 266645
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 34.5 31.0 46.4



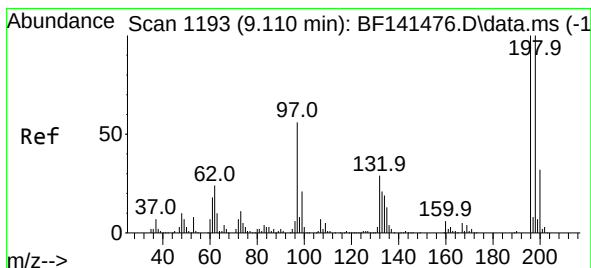
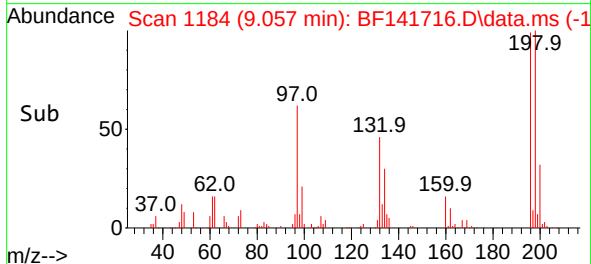
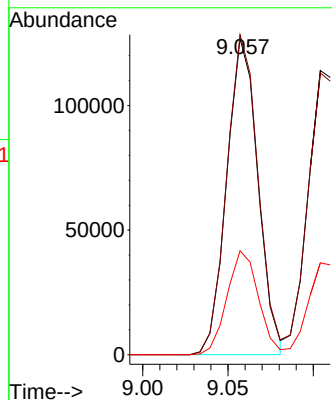


#43
2,4,6-Trichlorophenol
Concen: 43.635 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

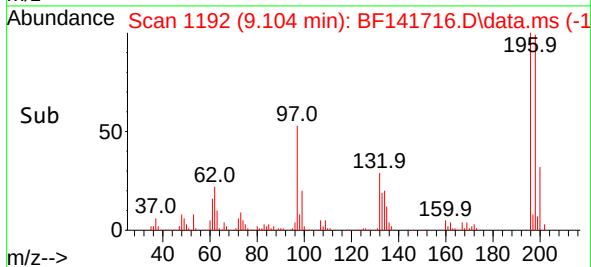
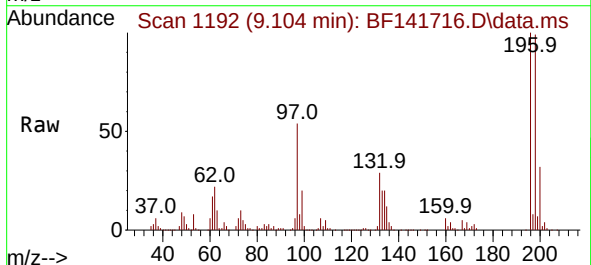
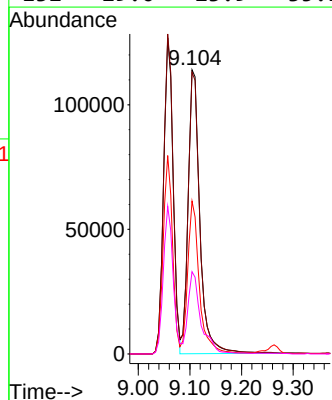


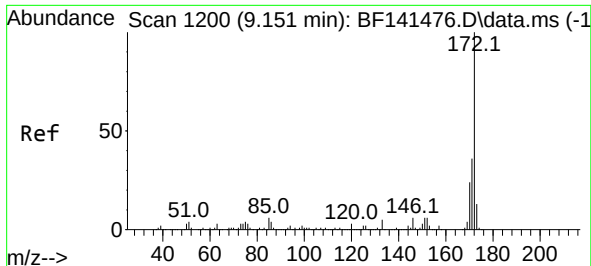
Tgt Ion:196 Resp: 161386
Ion Ratio Lower Upper
196 100
198 101.2 80.6 121.0
200 32.9 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.859 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:196 Resp: 179810
Ion Ratio Lower Upper
196 100
198 99.1 79.8 119.8
97 53.8 44.8 67.2
132 29.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 95.252 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

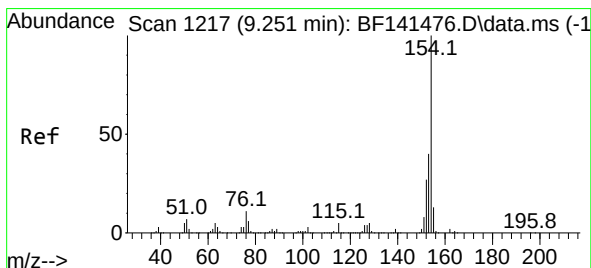
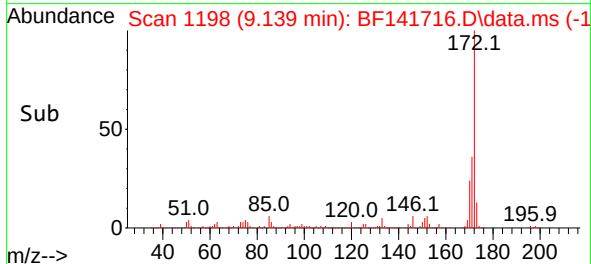
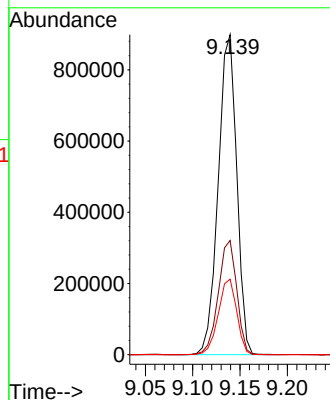
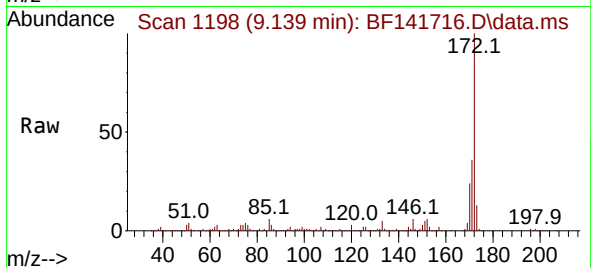
Tgt Ion:172 Resp: 1222896

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.028 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

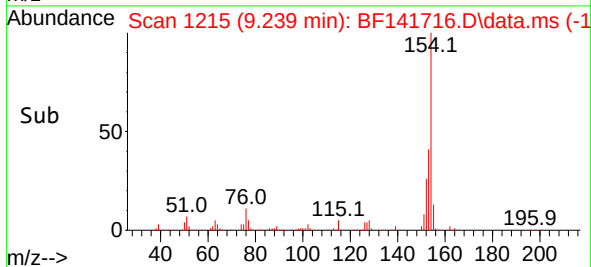
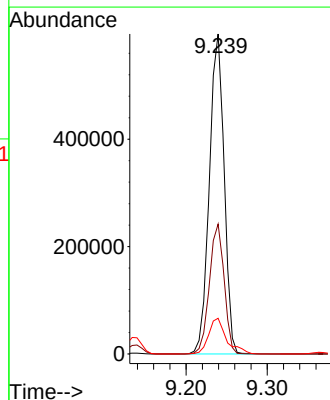
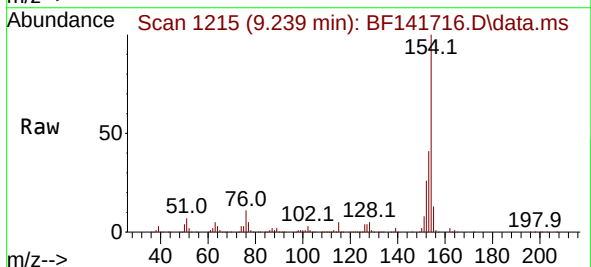
Tgt Ion:154 Resp: 751828

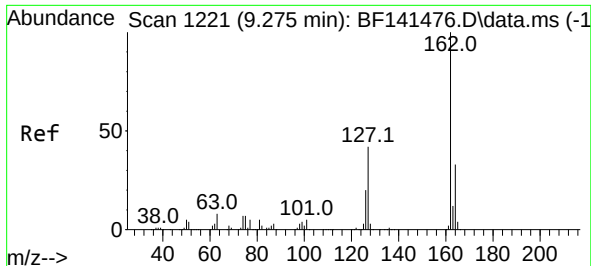
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.2 0.0 30.8

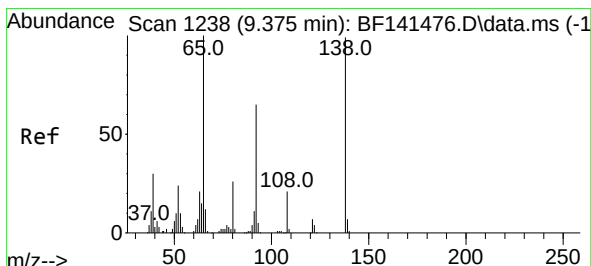
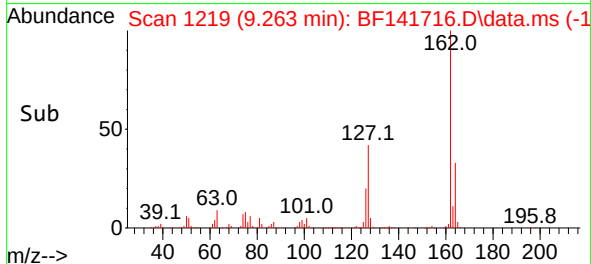
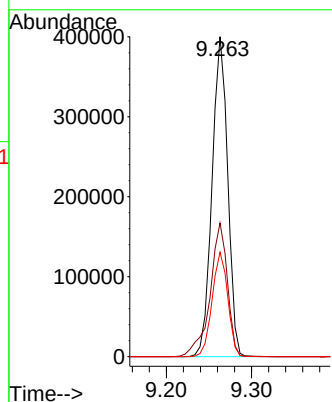
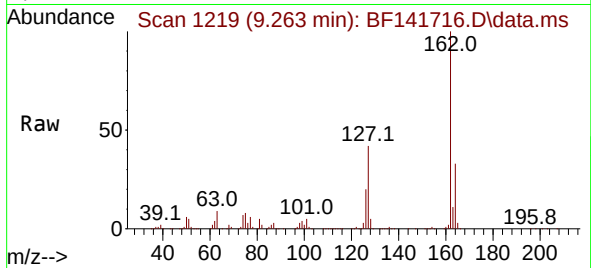




#47
2-Chloronaphthalene
Concen: 45.022 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

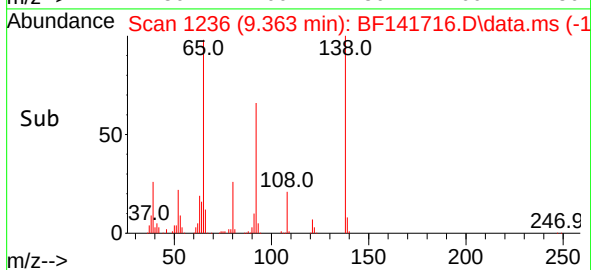
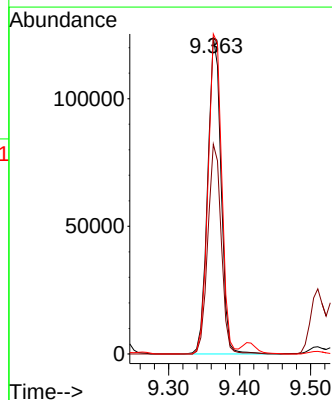
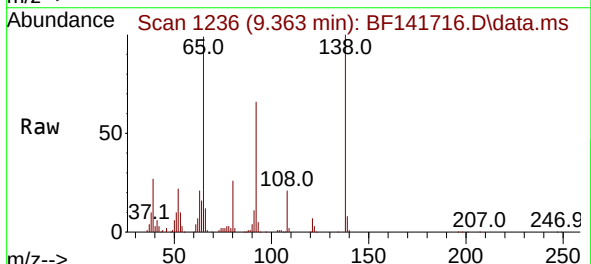
Instrument :
BNA_F
ClientSampleId :
PB166796BS

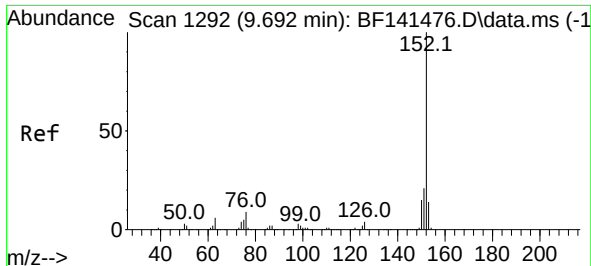
Tgt Ion:162 Resp: 510527
Ion Ratio Lower Upper
162 100
127 41.8 34.1 51.1
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 42.823 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion: 65 Resp: 162968
Ion Ratio Lower Upper
65 100
92 66.3 52.2 78.2
138 101.1 79.5 119.3

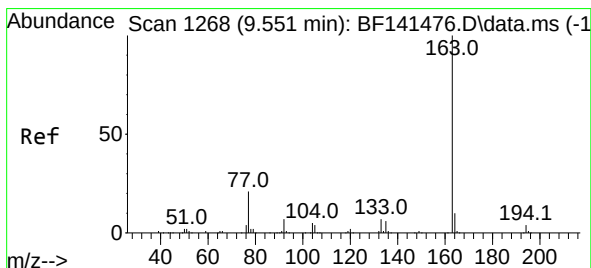
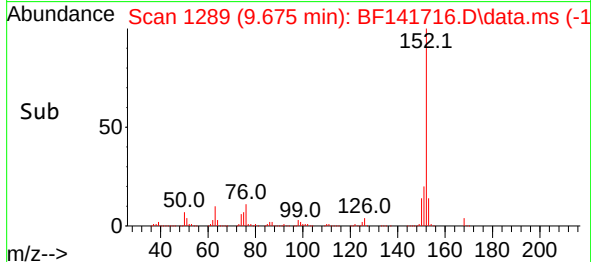
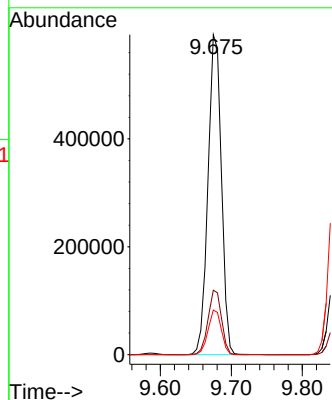
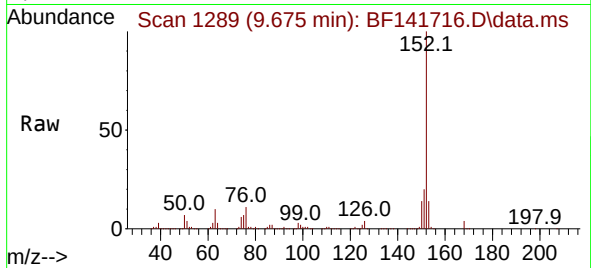




#49
Acenaphthylene
Concen: 46.303 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

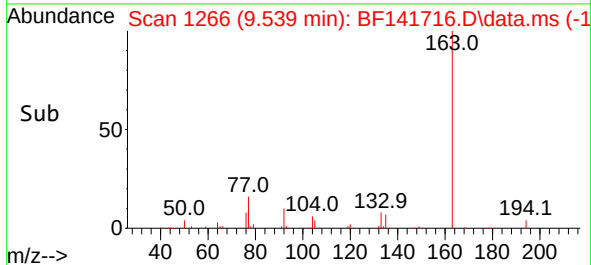
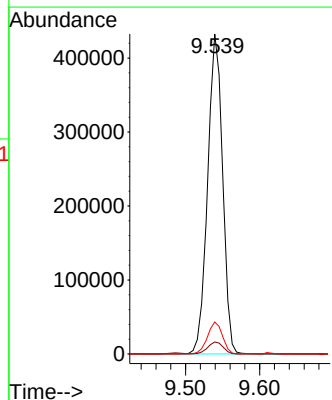
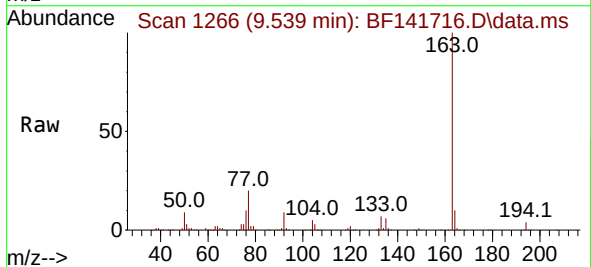
Instrument :
BNA_F
ClientSampleId :
PB166796BS

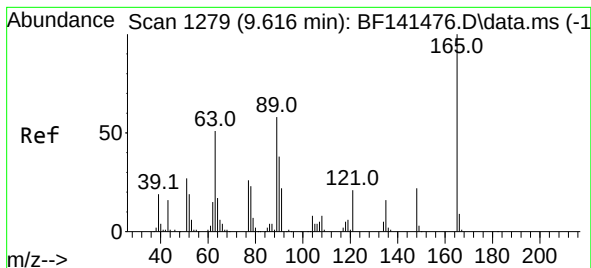
Tgt Ion:152 Resp: 780969
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 45.167 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:163 Resp: 606500
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 44.819 ng

RT: 9.604 min Scan# 1319

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

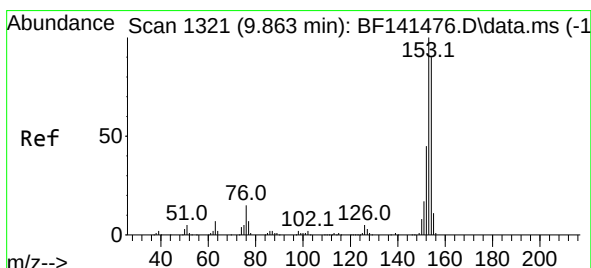
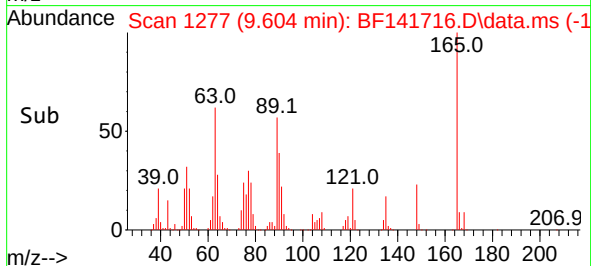
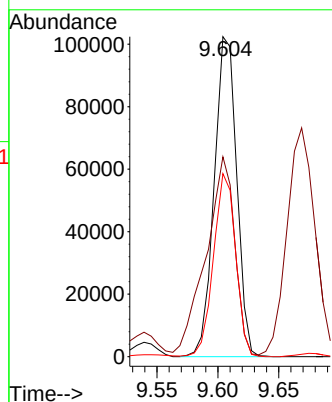
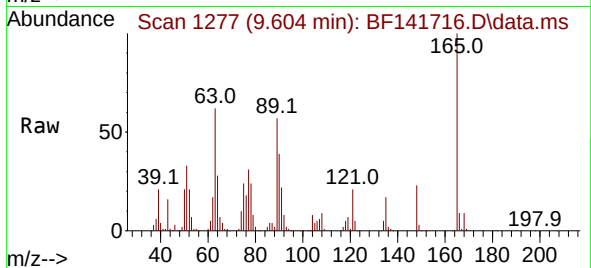
Tgt Ion:165 Resp: 131564

Ion Ratio Lower Upper

165 100

63 62.5 49.4 74.0

89 57.2 46.5 69.7



#52

Acenaphthene

Concen: 42.781 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

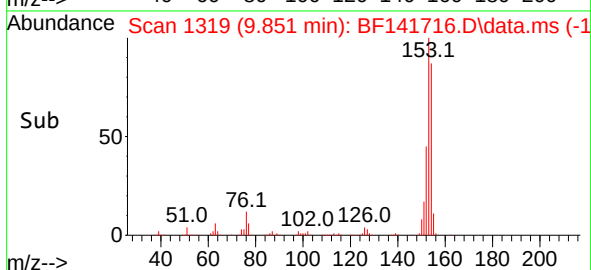
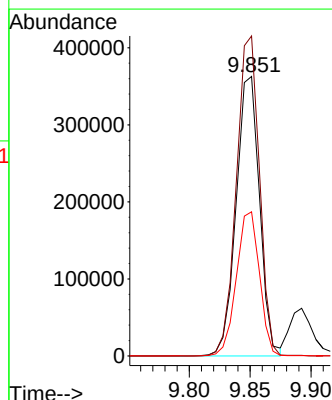
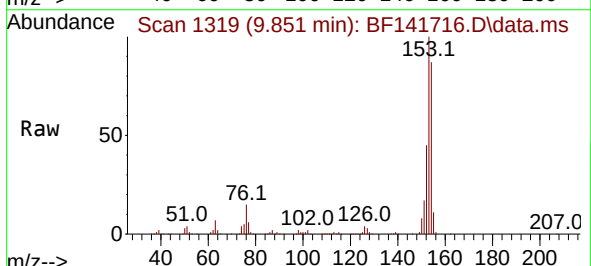
Tgt Ion:154 Resp: 485095

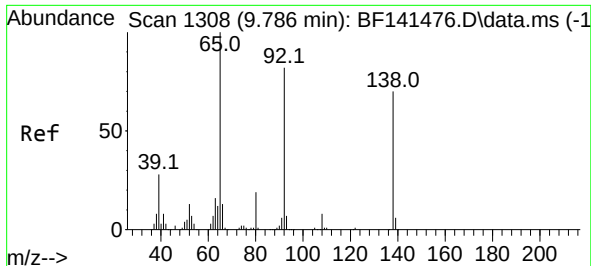
Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

152 51.6 39.8 59.8

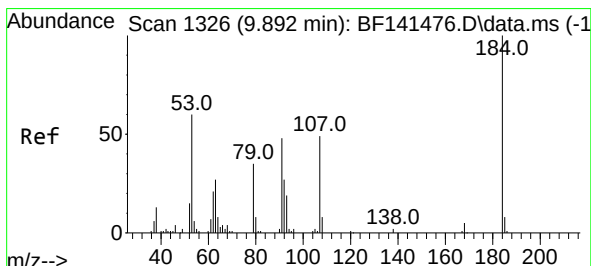
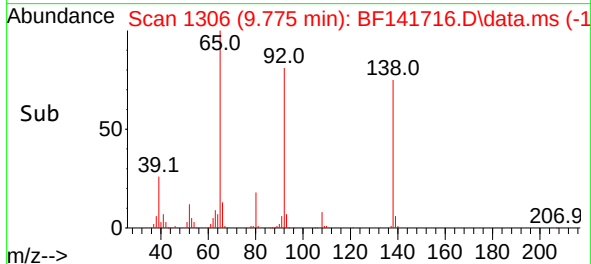
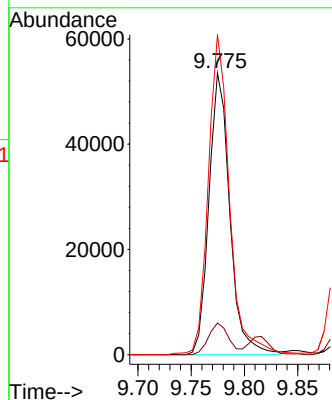
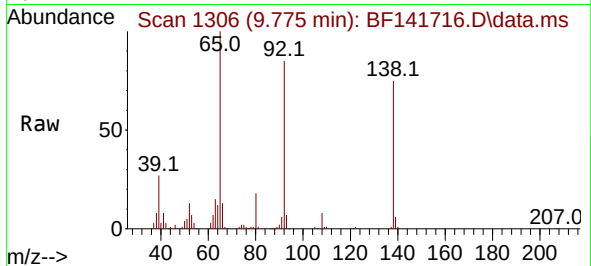




#53
3-Nitroaniline
Concen: 23.078 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

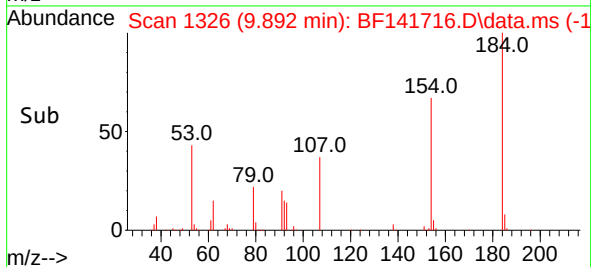
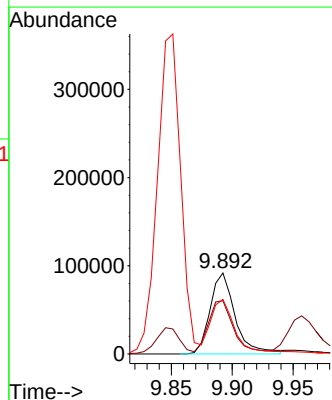
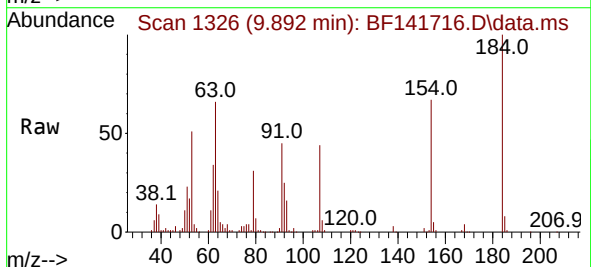
Instrument :
BNA_F
ClientSampleId :
PB166796BS

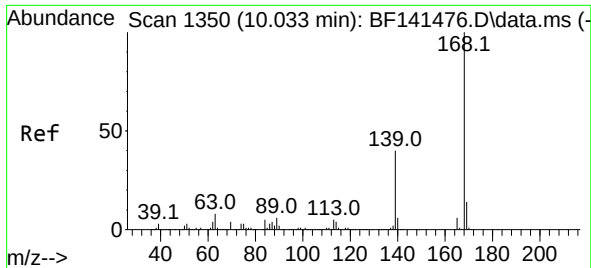
Tgt Ion:138 Resp: 72914
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 113.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 75.053 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:184 Resp: 130938
Ion Ratio Lower Upper
184 100
63 65.7 61.0 91.6
154 67.3 59.9 89.9

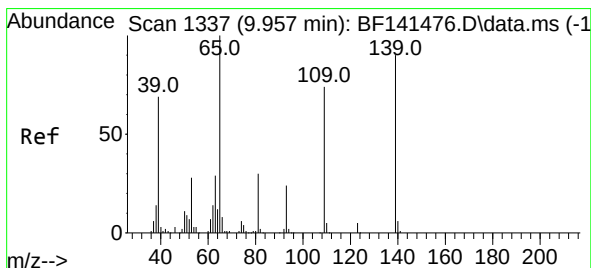
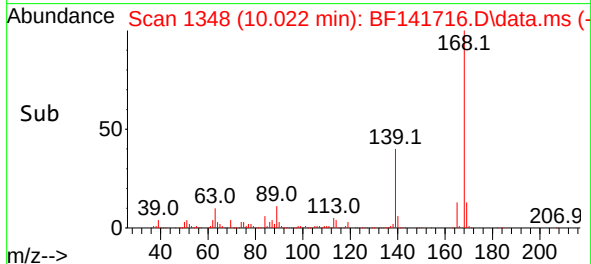
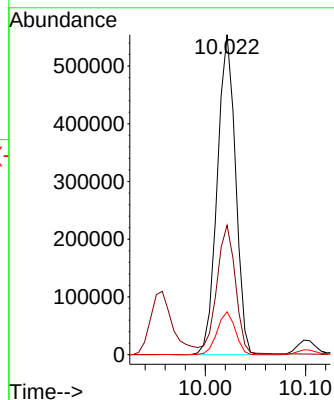
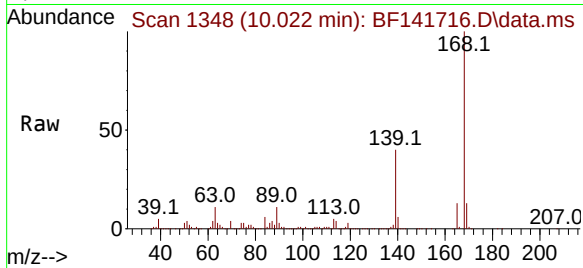




#55
Dibenzenofuran
Concen: 42.087 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

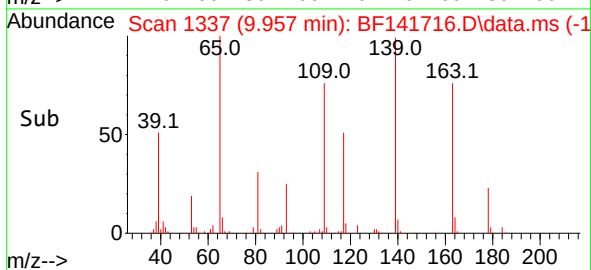
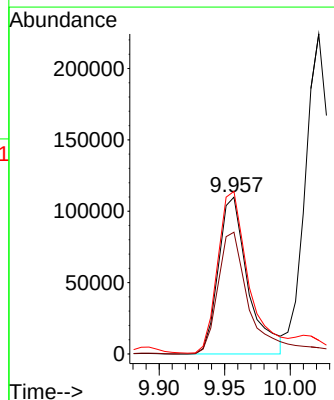
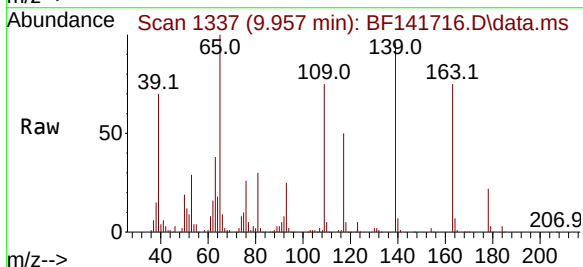
Instrument :
BNA_F
ClientSampleId :
PB166796BS

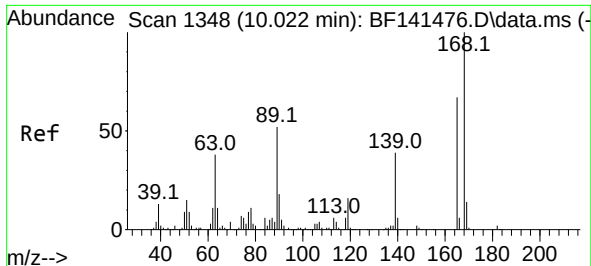
Tgt Ion:168 Resp: 700474
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 73.488 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:139 Resp: 172354
Ion Ratio Lower Upper
139 100
109 77.7 62.0 102.0
65 103.7 91.2 131.2

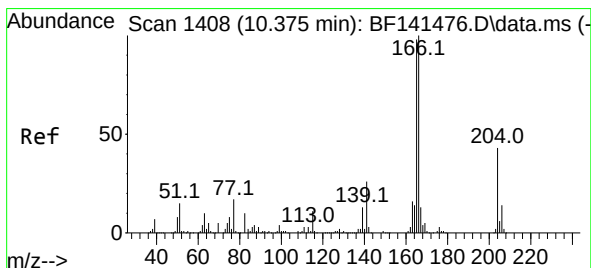
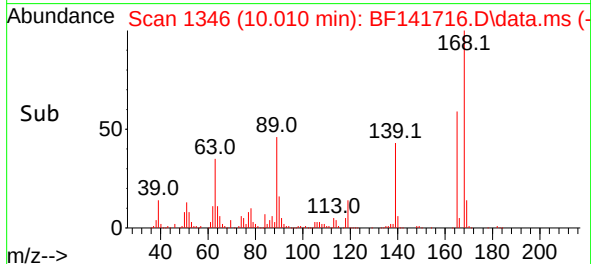
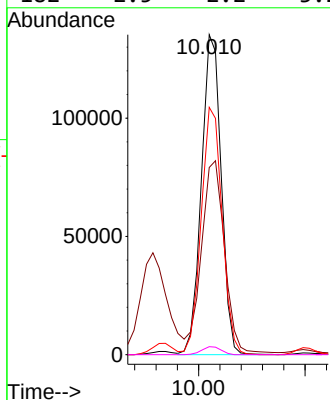
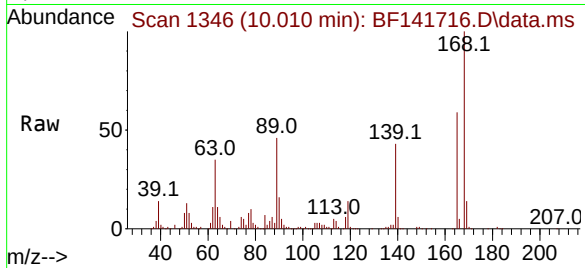




#57
2,4-Dinitrotoluene
Concen: 44.764 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

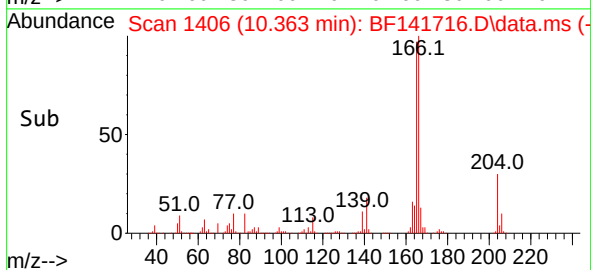
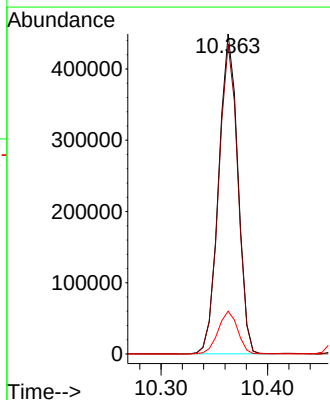
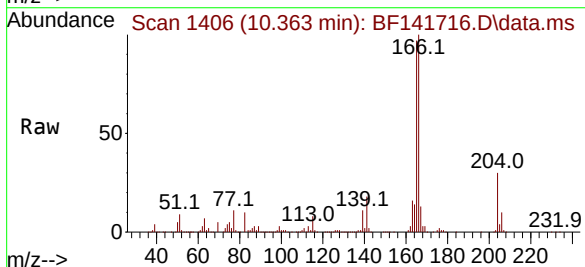
Instrument :
BNA_F
ClientSampleId :
PB166796BS

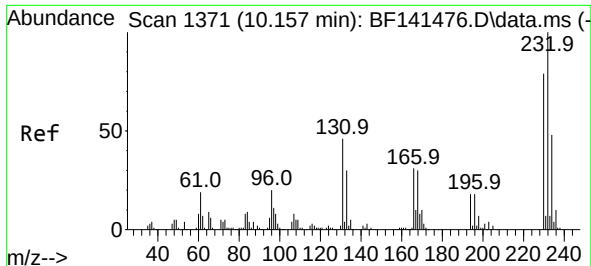
Tgt Ion:165 Resp: 174926
Ion Ratio Lower Upper
165 100
63 58.5 46.4 69.6
89 77.3 61.8 92.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 43.454 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:166 Resp: 559205
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 13.3 10.7 16.1

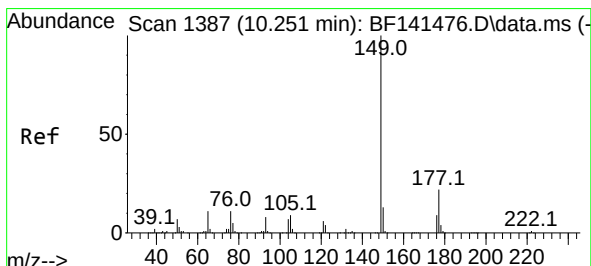
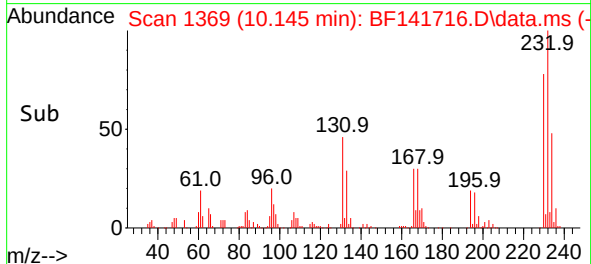
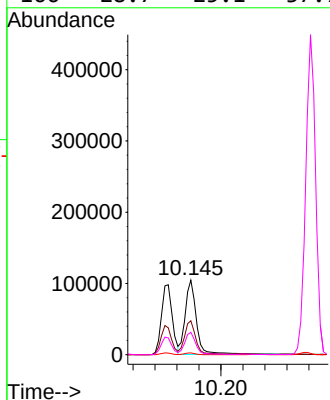
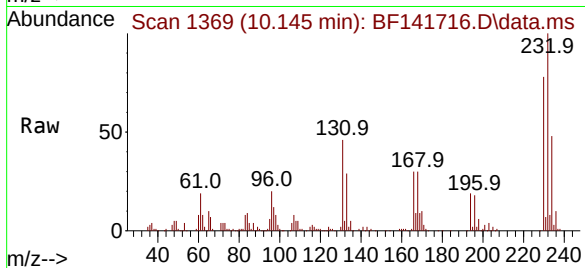




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.844 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

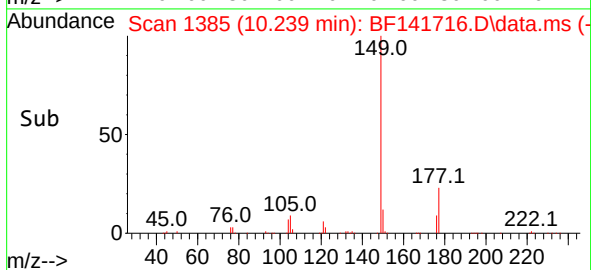
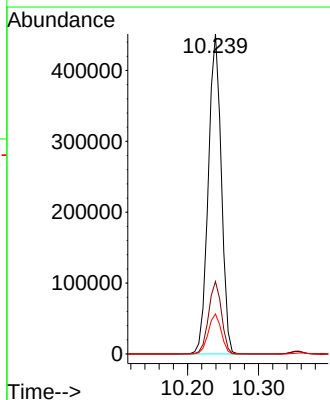
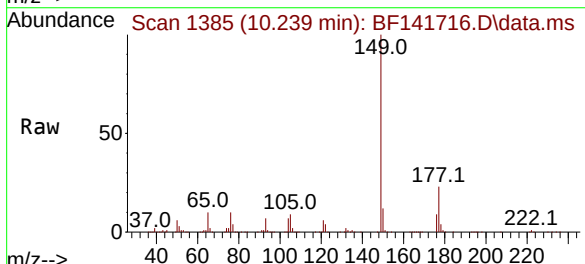
Instrument :
BNA_F
ClientSampleId :
PB166796BS

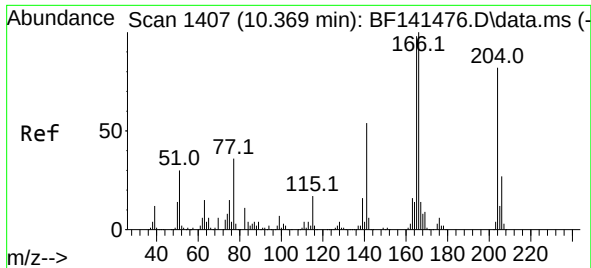
Tgt Ion:232 Resp: 147851
Ion Ratio Lower Upper
232 100
131 45.2 39.2 58.8
130 2.2 2.1 3.1
166 28.7 25.1 37.7



#60
Diethylphthalate
Concen: 43.369 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:149 Resp: 572964
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.5 10.1 15.1

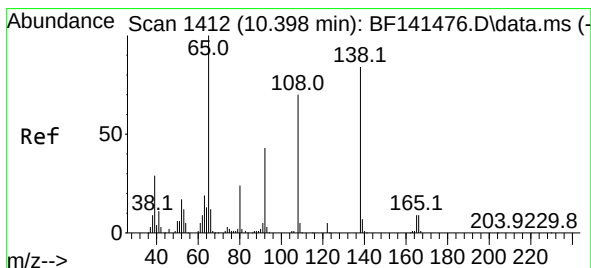
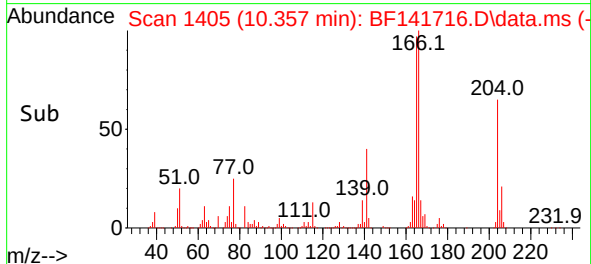
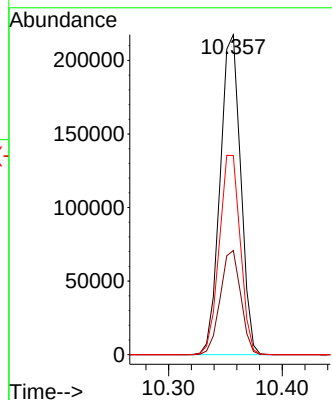
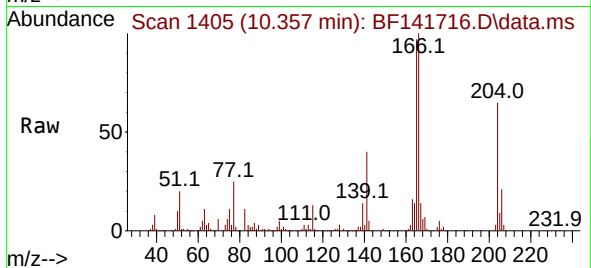




#61
4-Chlorophenyl-phenylether
Concen: 44.233 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

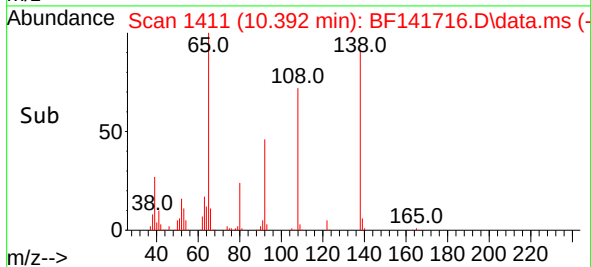
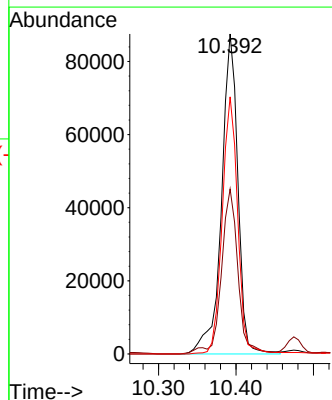
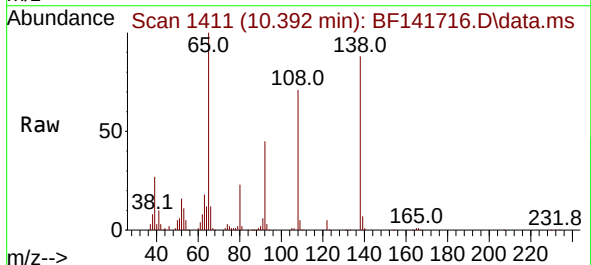
Instrument :
BNA_F
ClientSampleId :
PB166796BS

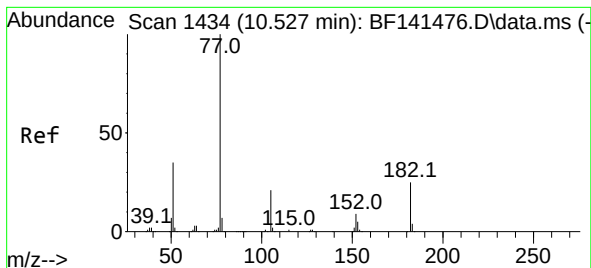
Tgt Ion:204 Resp: 273847
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.3 51.9 77.9



#62
4-Nitroaniline
Concen: 40.073 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:138 Resp: 128559
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 80.3 63.7 103.7





#63

Azobenzene

Concen: 40.928 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

Tgt Ion: 77 Resp: 537548

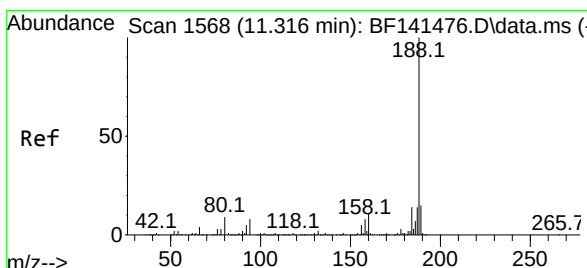
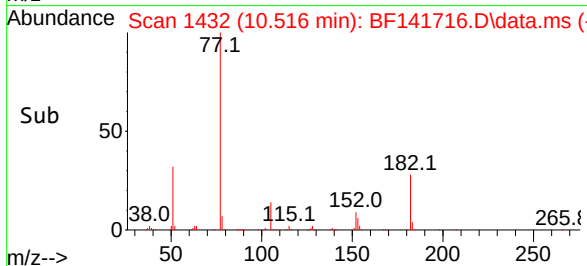
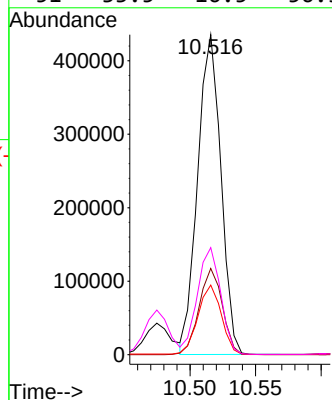
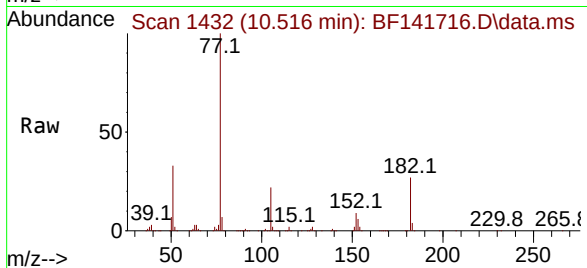
Ion Ratio Lower Upper

77 100

182 26.9 4.7 44.7

105 21.7 0.4 40.4

51 33.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

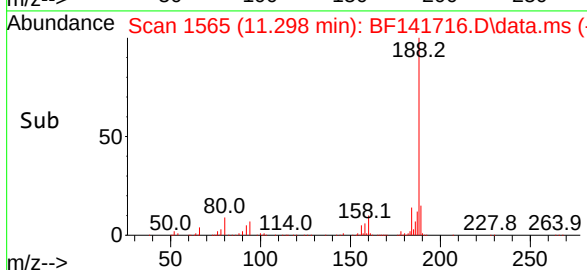
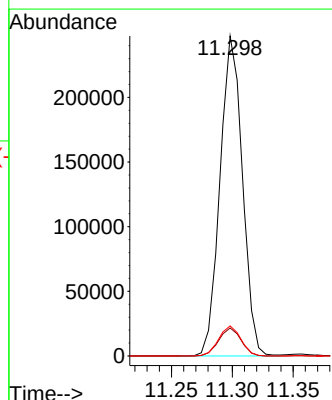
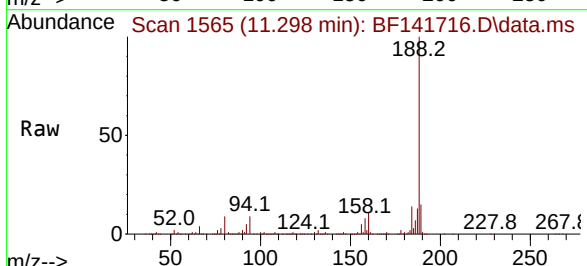
Tgt Ion: 188 Resp: 317365

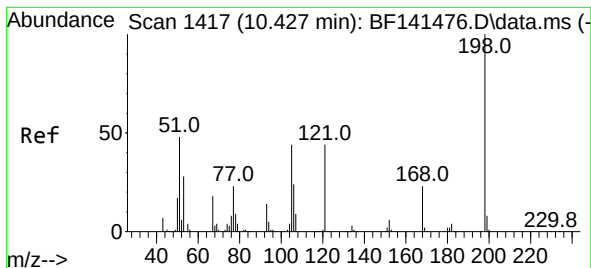
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 7.3 10.9

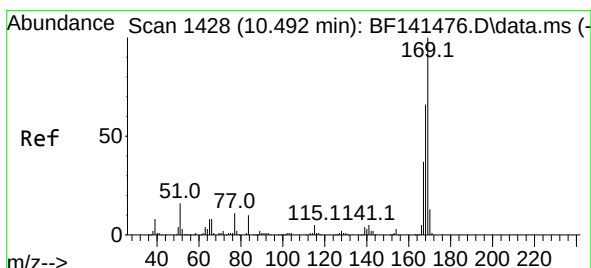
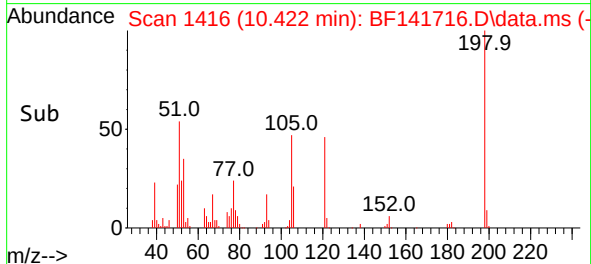
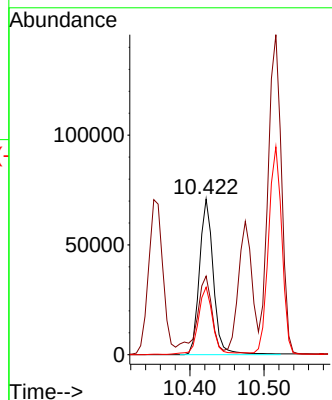
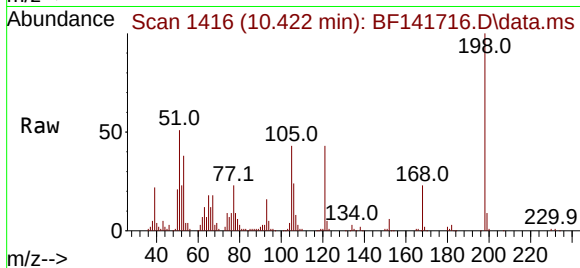




#65
4,6-Dinitro-2-methylphenol
Concen: 42.068 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

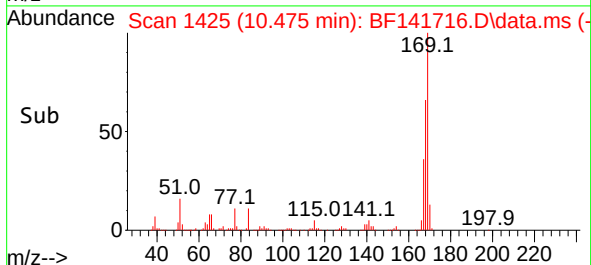
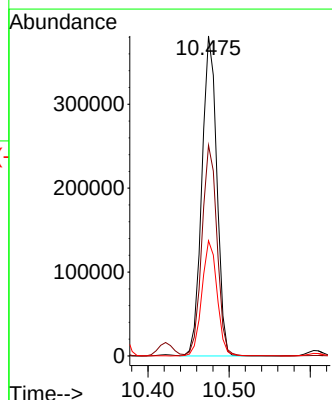
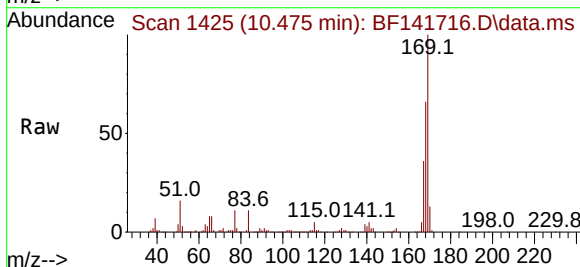
Instrument :
BNA_F
ClientSampleId :
PB166796BS

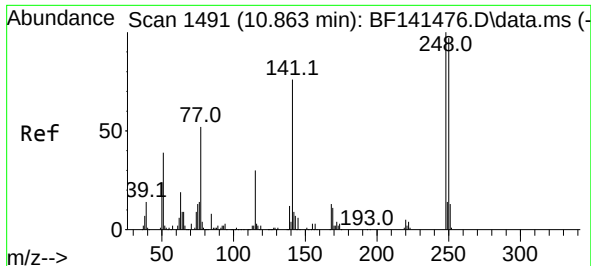
Tgt Ion:198 Resp: 92742
Ion Ratio Lower Upper
198 100
51 50.5 37.4 77.4
105 43.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 48.013 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:169 Resp: 487775
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 36.0 29.4 44.2

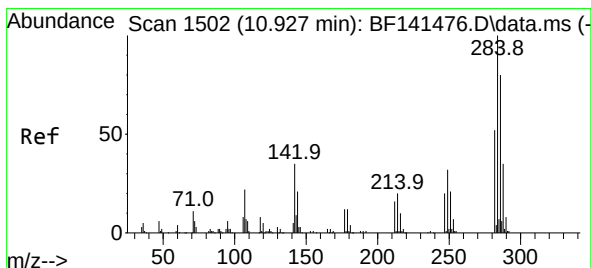
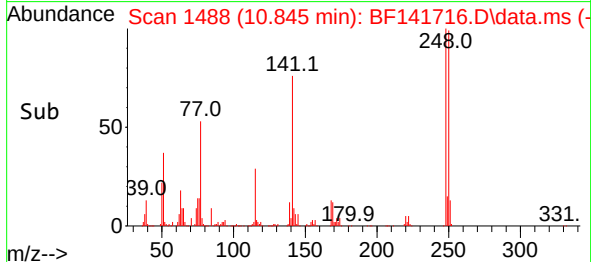
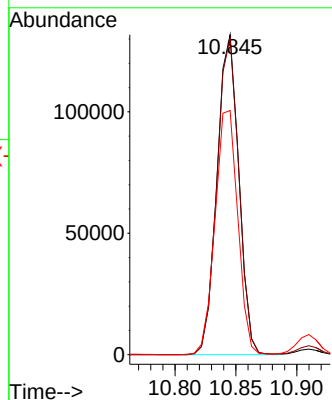
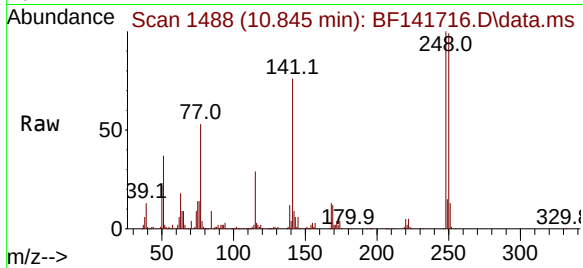




#67
4-Bromophenyl-phenylether
Concen: 46.434 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

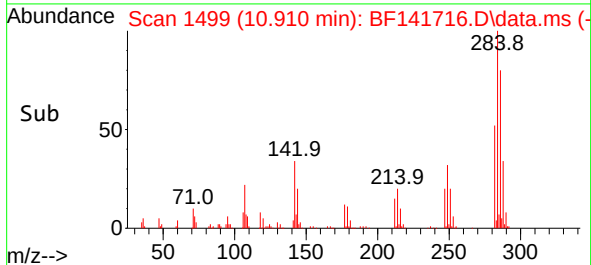
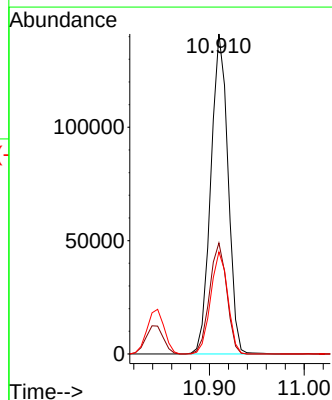
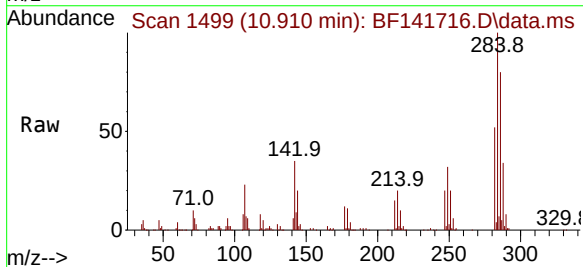
Instrument :
BNA_F
ClientSampleId :
PB166796BS

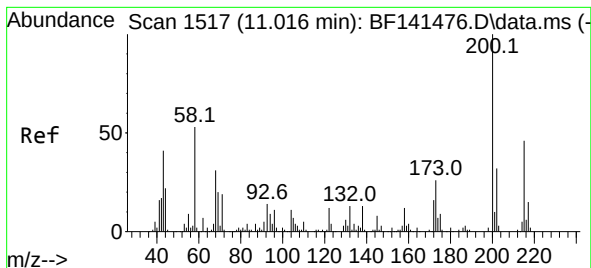
Tgt Ion:248 Resp: 164701
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 76.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.605 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:284 Resp: 177525
Ion Ratio Lower Upper
284 100
142 34.7 28.0 42.0
249 31.9 25.8 38.8





#69

Atrazine

Concen: 59.509 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

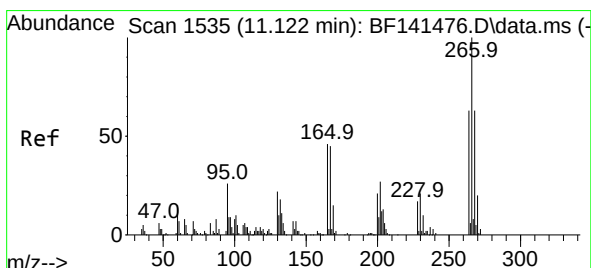
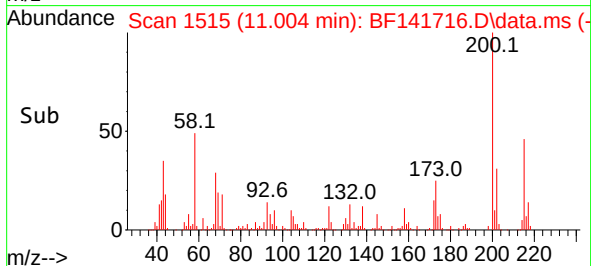
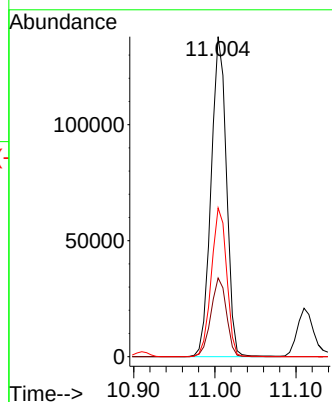
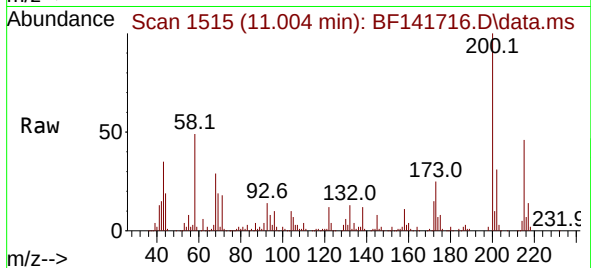
Tgt Ion:200 Resp: 181370

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

215 46.5 25.9 65.9



#70

Pentachlorophenol

Concen: 69.526 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

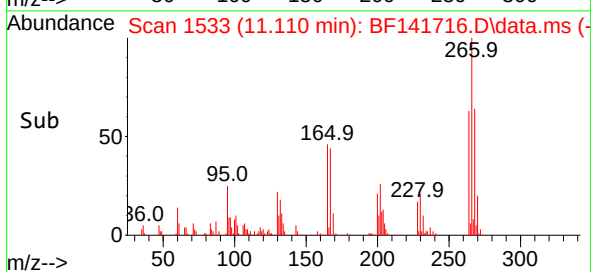
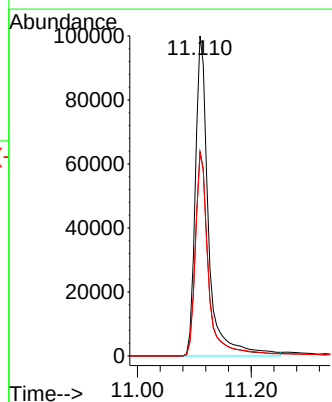
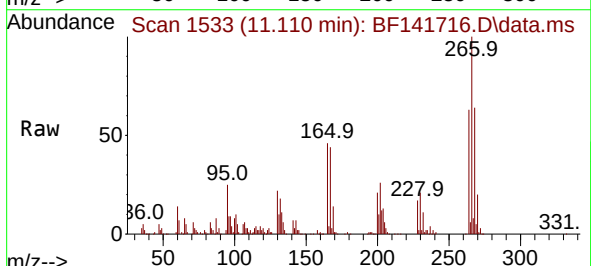
Tgt Ion:266 Resp: 162372

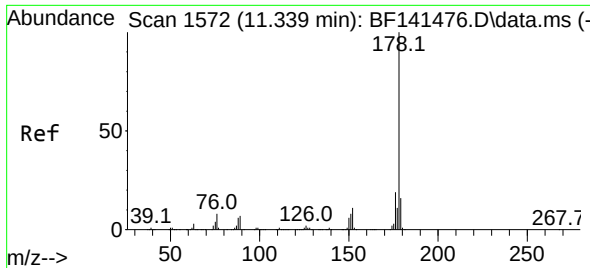
Ion Ratio Lower Upper

266 100

268 63.8 50.1 75.1

264 63.4 50.1 75.1

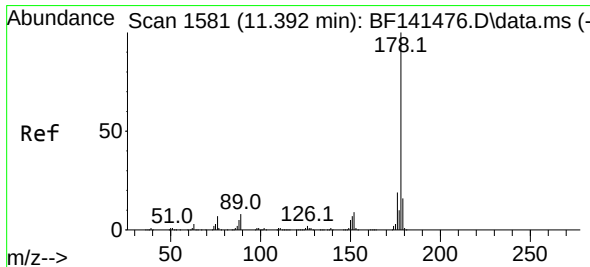
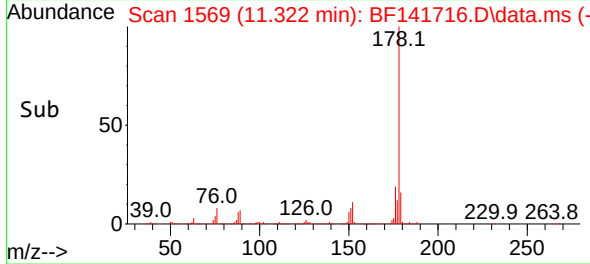
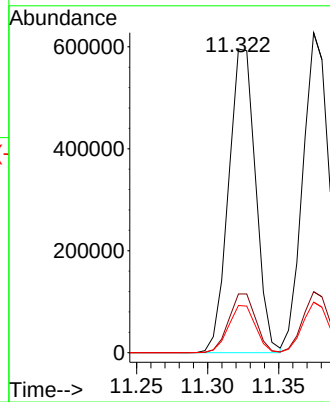
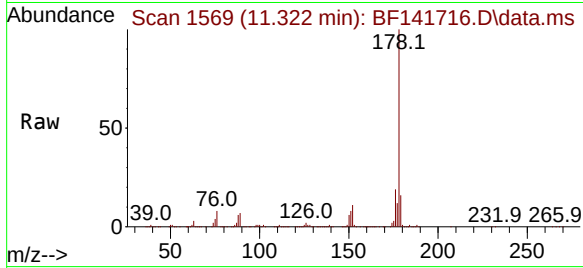




#71
Phenanthrene
Concen: 45.210 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

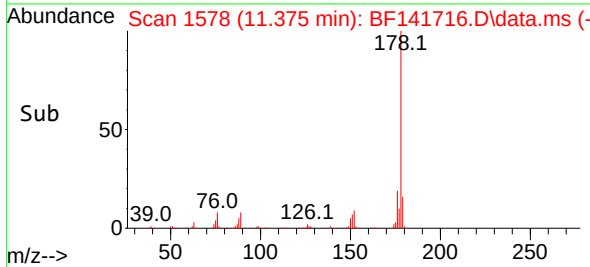
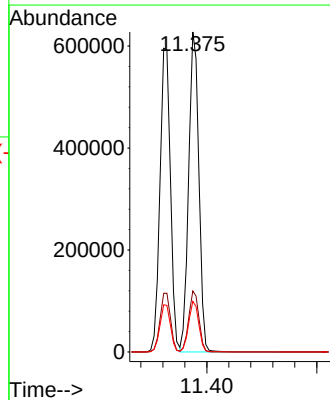
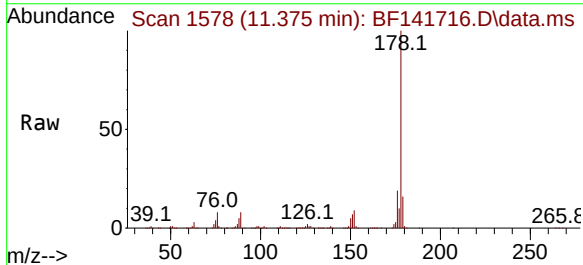
Instrument :
BNA_F
ClientSampleId :
PB166796BS

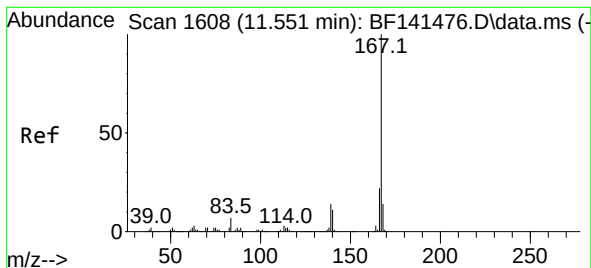
Tgt Ion:178 Resp: 789793
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 45.974 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:178 Resp: 807352
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.8 12.4 18.6





#73

Carbazole

Concen: 43.640 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

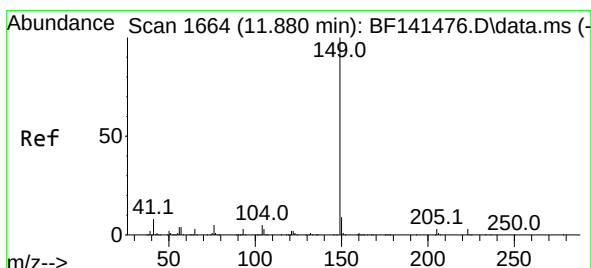
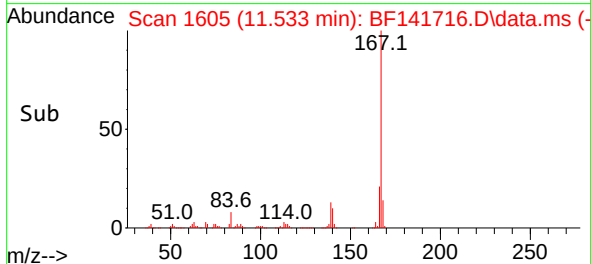
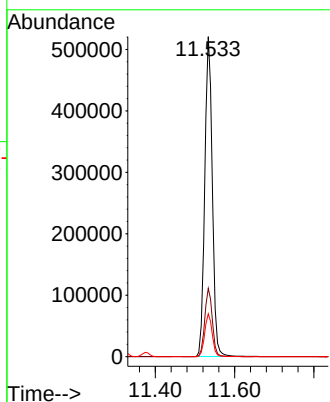
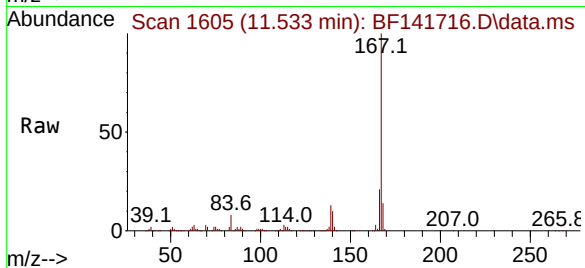
Tgt Ion:167 Resp: 689575

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.898 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

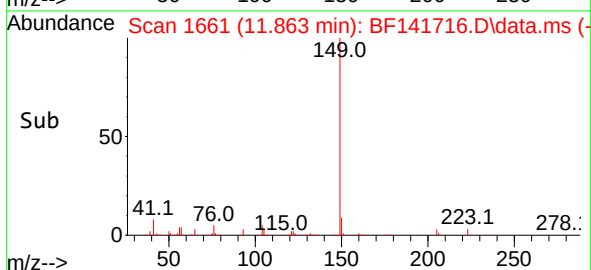
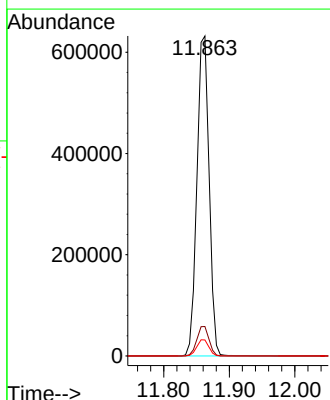
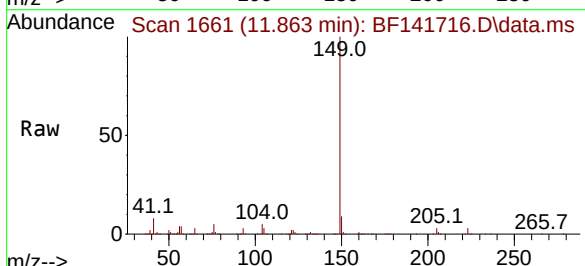
Tgt Ion:149 Resp: 819175

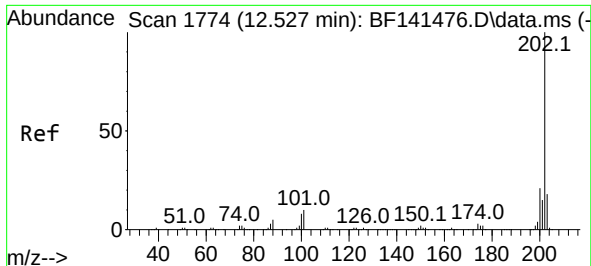
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 4.2 6.2

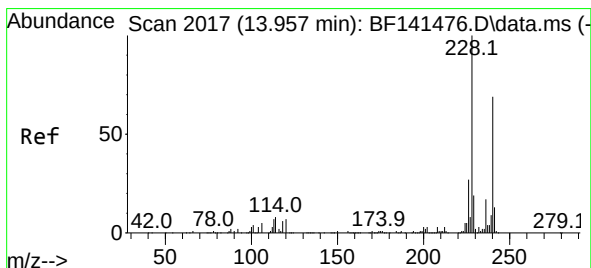
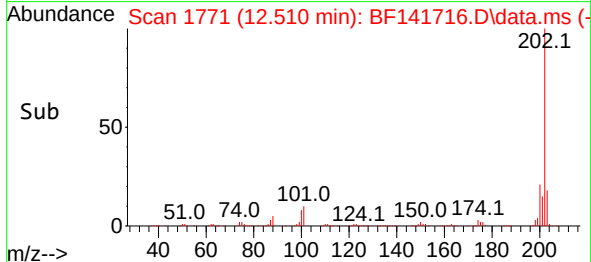
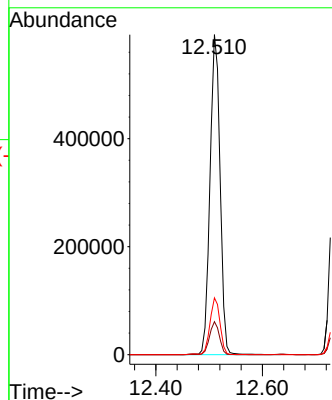
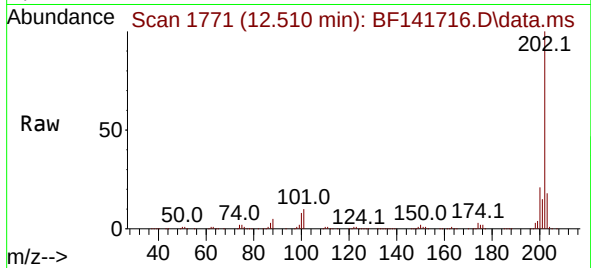




#75
Fluoranthene
Concen: 41.906 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

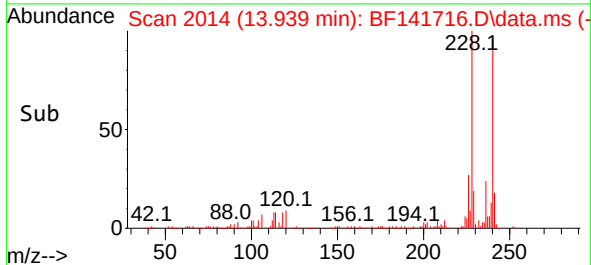
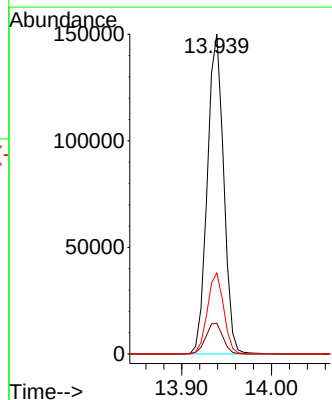
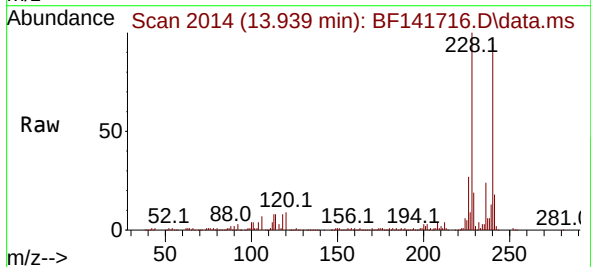
Instrument :
BNA_F
ClientSampleId :
PB166796BS

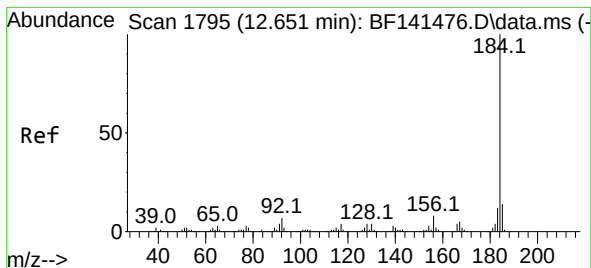
Tgt Ion:202 Resp: 776148
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:240 Resp: 189562
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 53.685 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

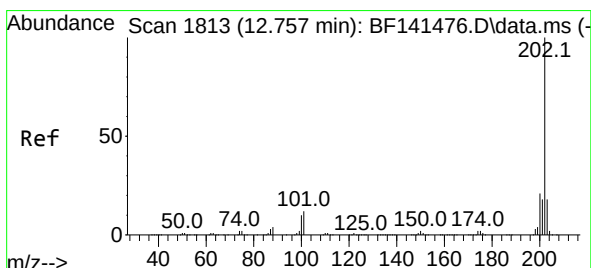
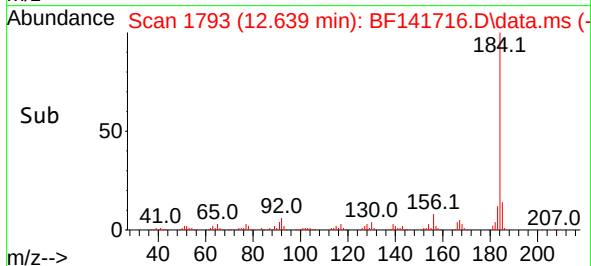
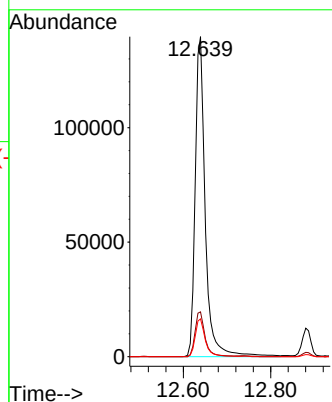
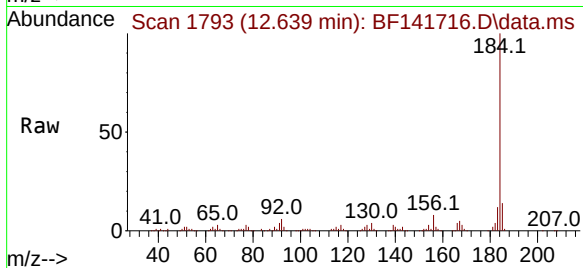
Tgt Ion:184 Resp: 224440

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 11.8 9.3 13.9



#78

Pyrene

Concen: 47.738 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

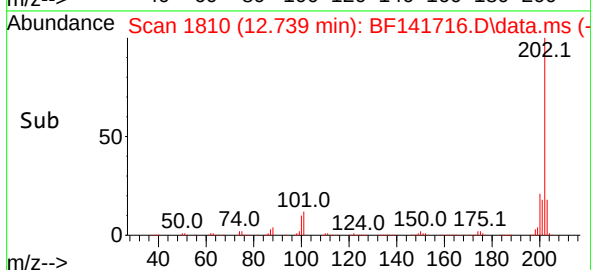
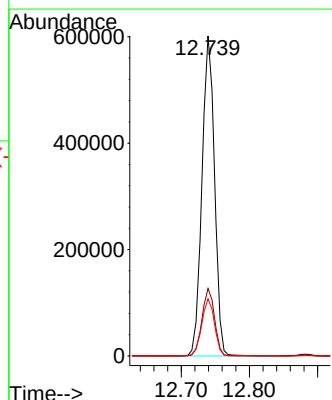
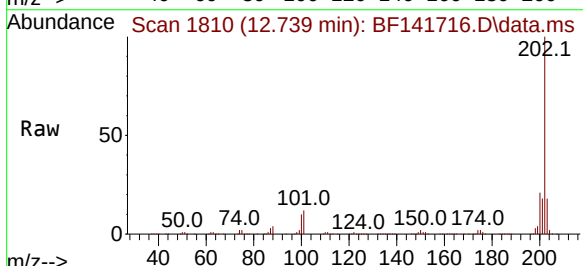
Tgt Ion:202 Resp: 770336

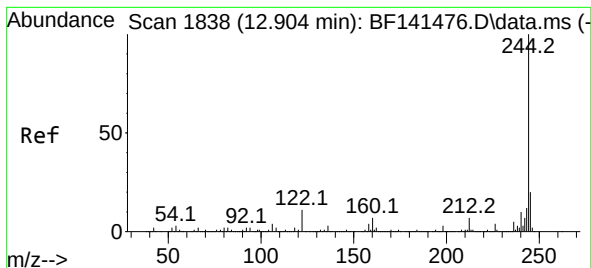
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 107.093 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

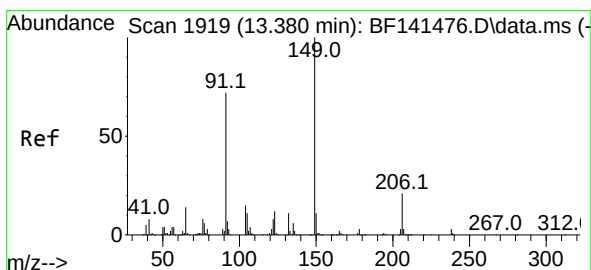
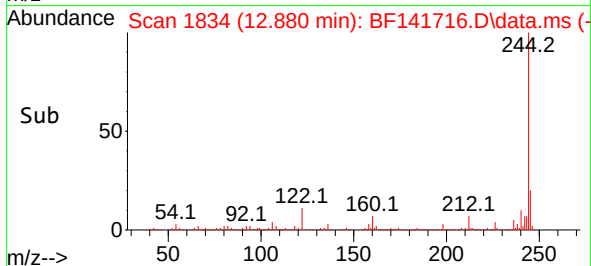
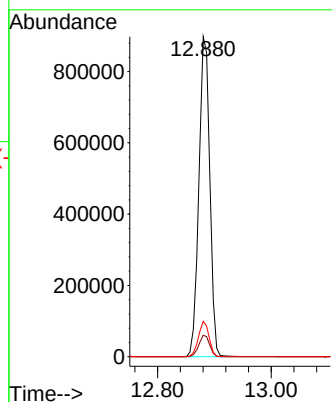
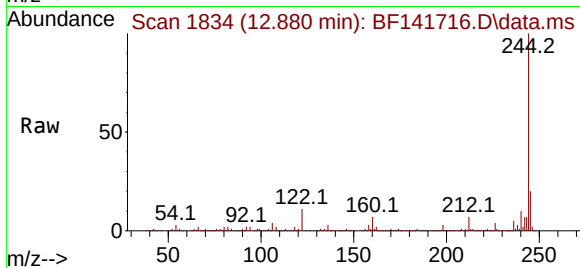
Tgt Ion:244 Resp: 1202534

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 49.724 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

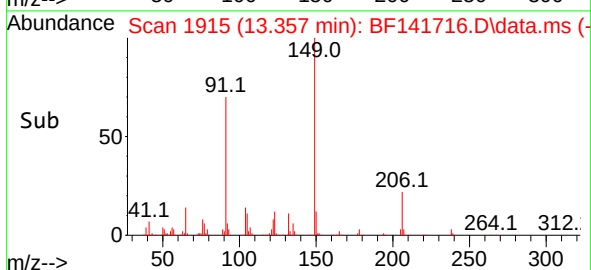
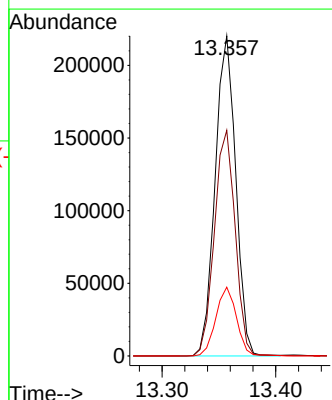
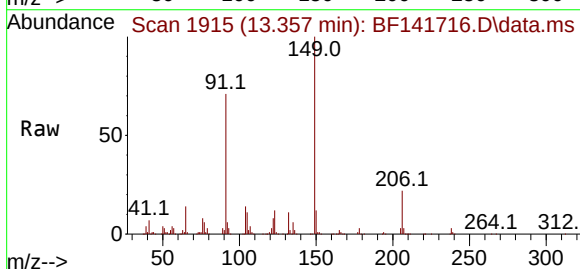
Tgt Ion:149 Resp: 277925

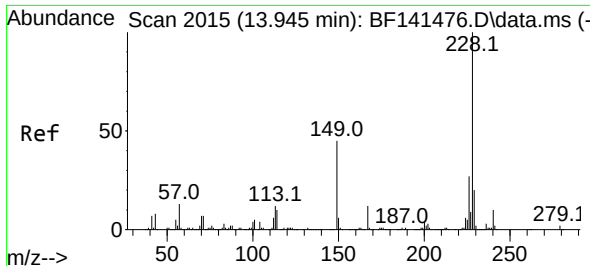
Ion Ratio Lower Upper

149 100

91 70.5 57.8 86.8

206 21.5 16.7 25.1

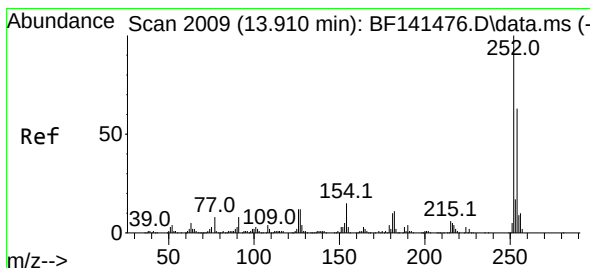
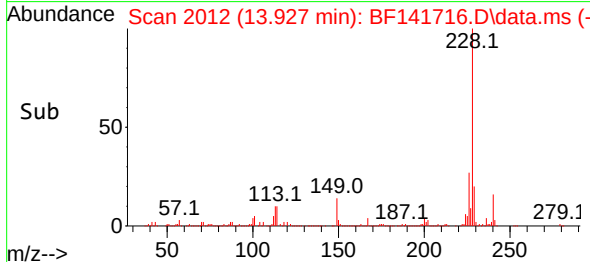
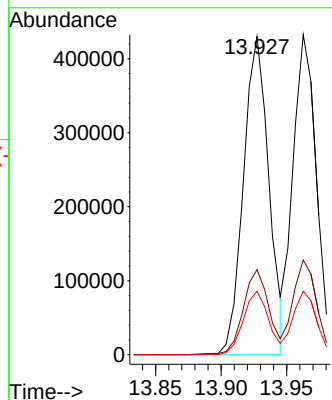
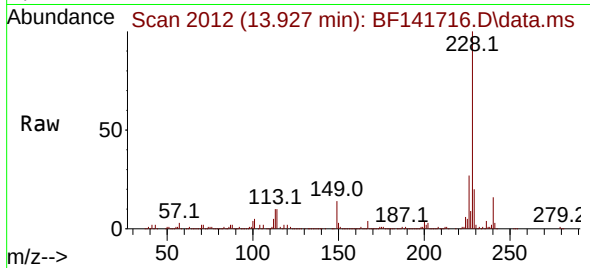




#81
Benzo(a)anthracene
Concen: 45.980 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

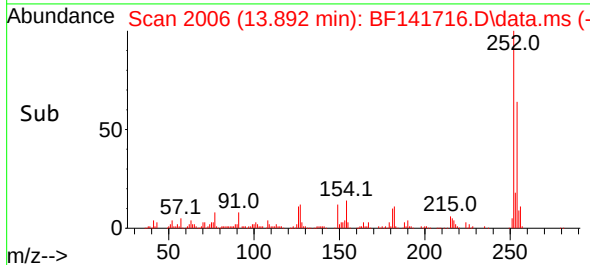
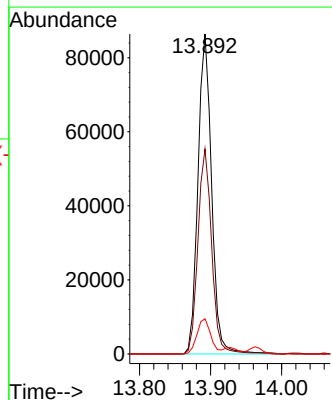
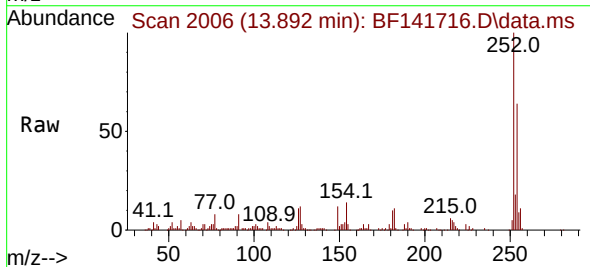
Instrument :
BNA_F
ClientSampleId :
PB166796BS

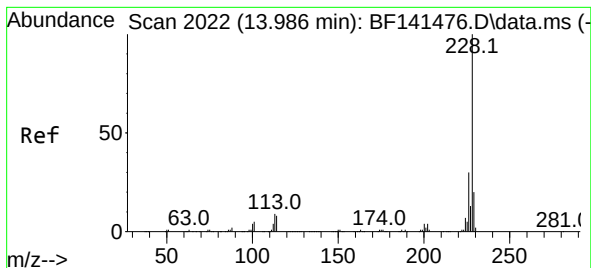
Tgt Ion:228 Resp: 579389
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.115 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:252 Resp: 115921
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 46.280 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

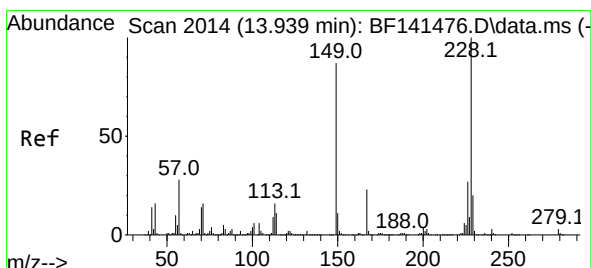
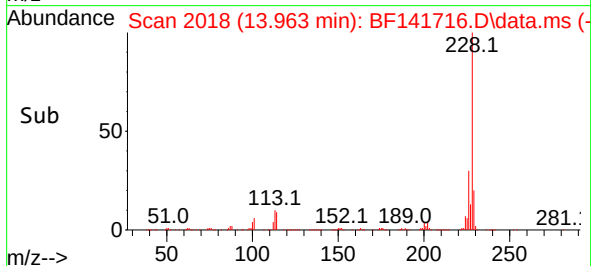
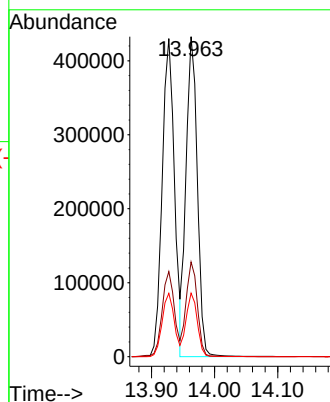
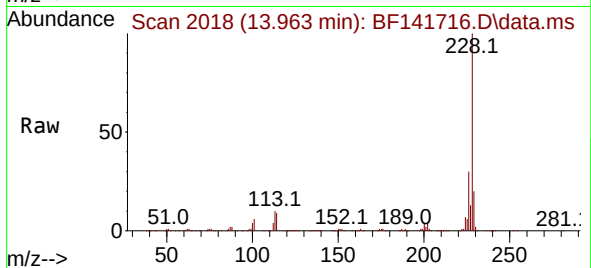
Tgt Ion:228 Resp: 538467

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.789 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

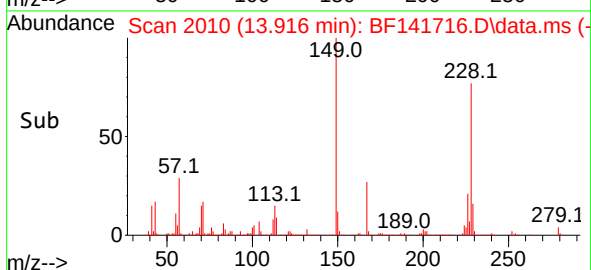
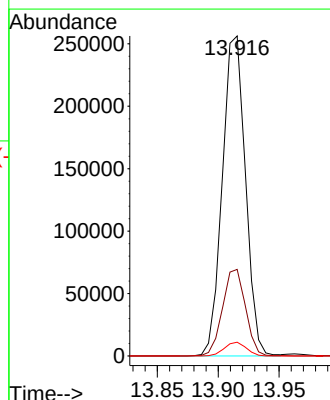
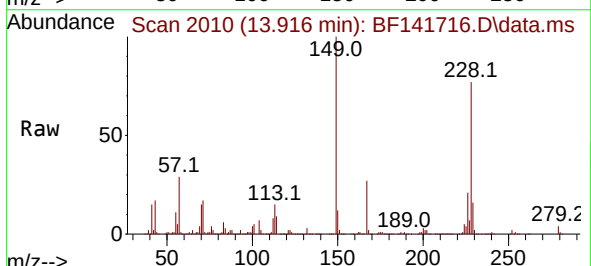
Tgt Ion:149 Resp: 339083

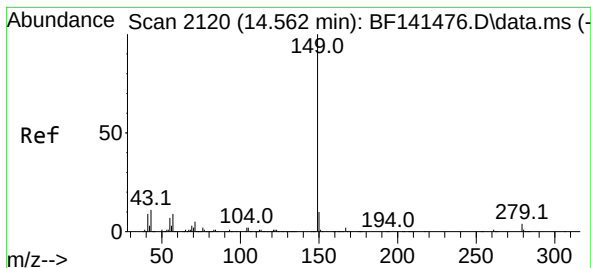
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.837 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

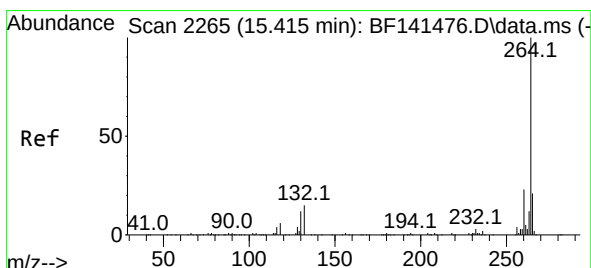
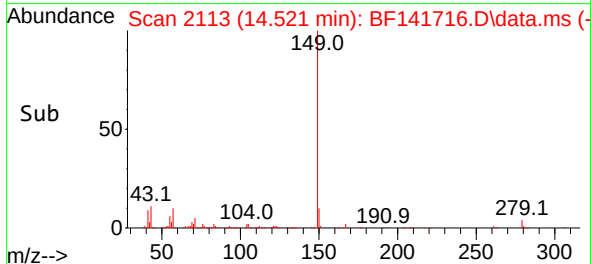
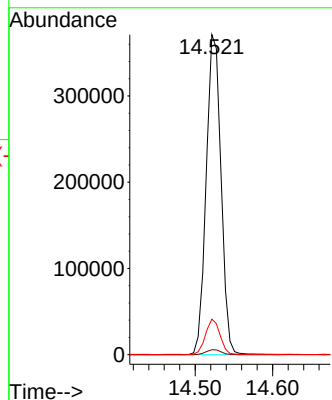
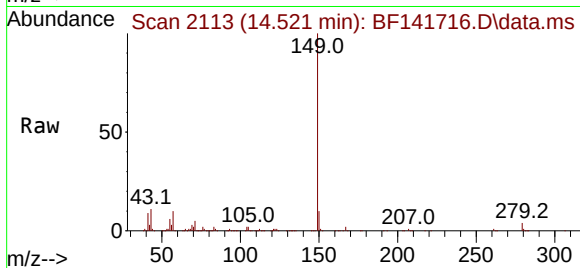
Tgt Ion:149 Resp: 493151

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

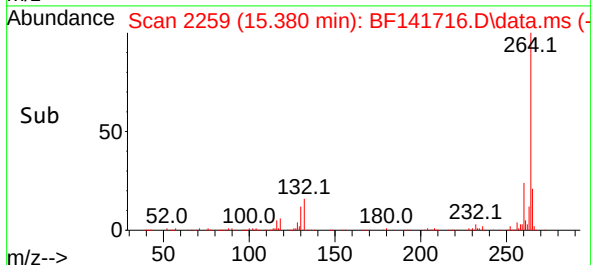
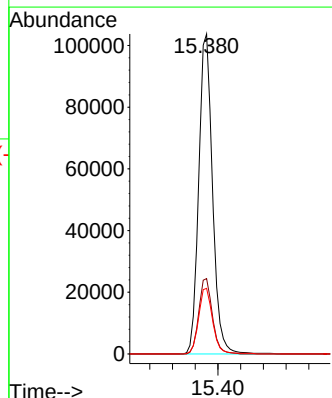
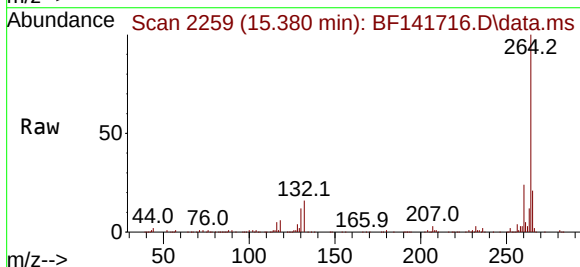
Tgt Ion:264 Resp: 175001

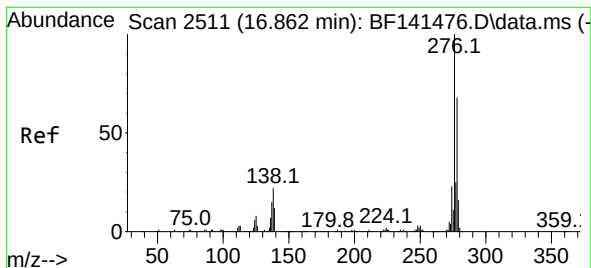
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.161 ng

RT: 16.810 min Scan# 2188

Delta R.T. -0.065 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166796BS

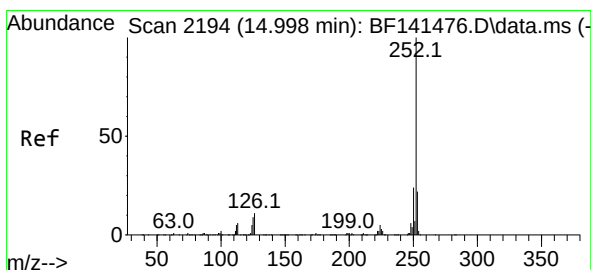
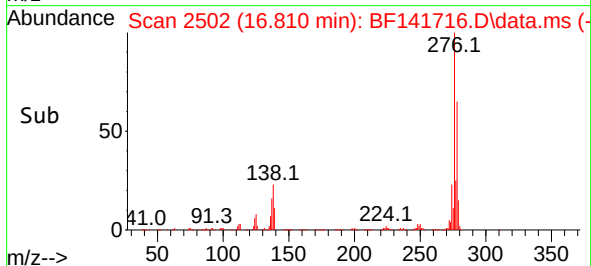
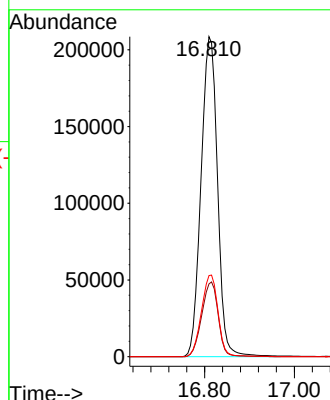
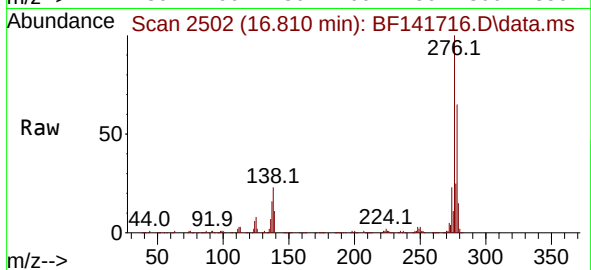
Tgt Ion:276 Resp: 531589

Ion Ratio Lower Upper

276 100

138 23.4 18.0 27.0

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.757 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141716.D

Acq: 21 Feb 2025 13:13

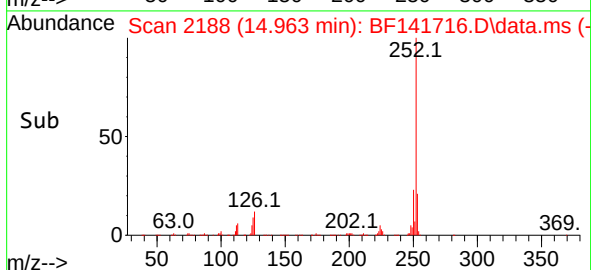
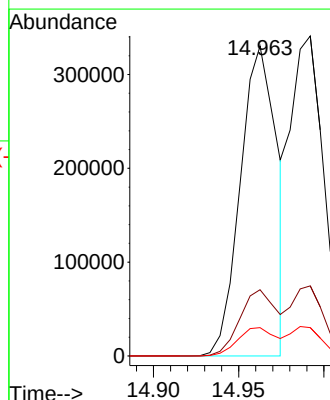
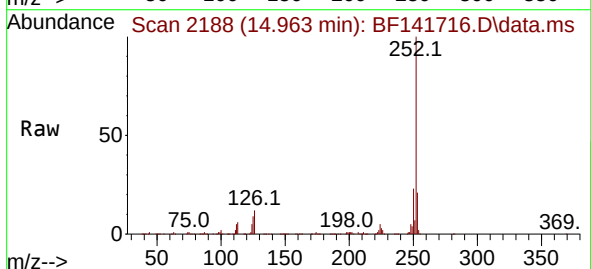
Tgt Ion:252 Resp: 490663

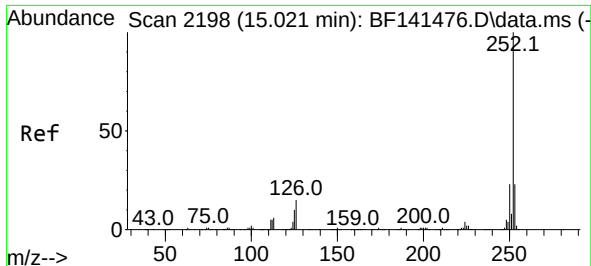
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.1 7.0 10.6

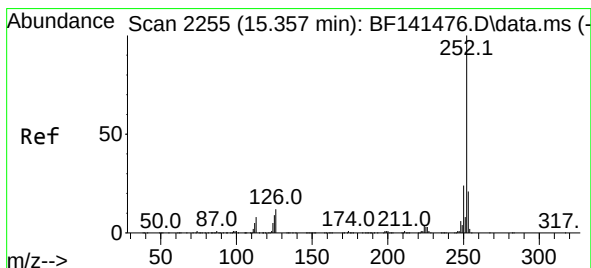
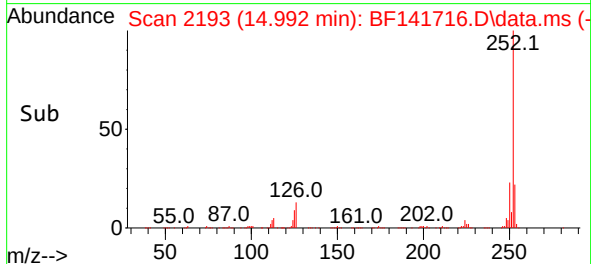
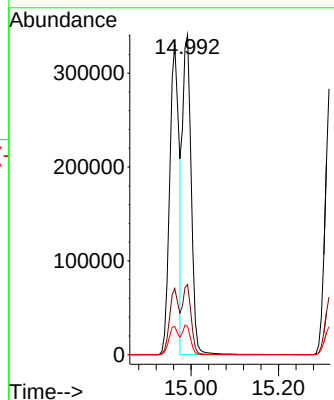
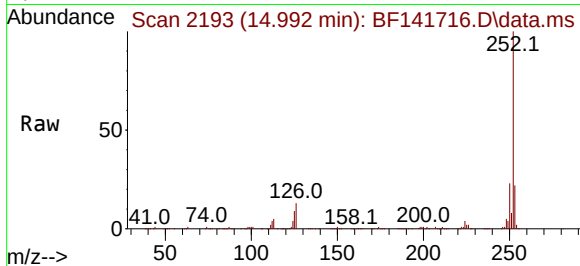




#89
Benzo(k)fluoranthene
Concen: 46.716 ng
RT: 14.992 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

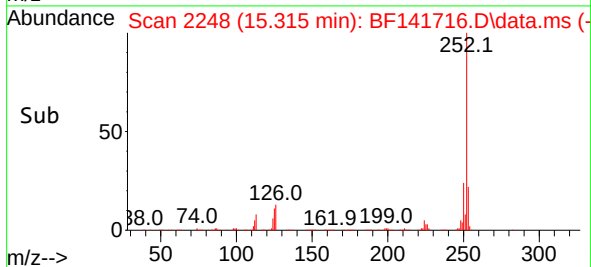
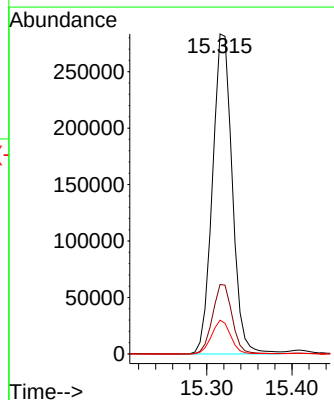
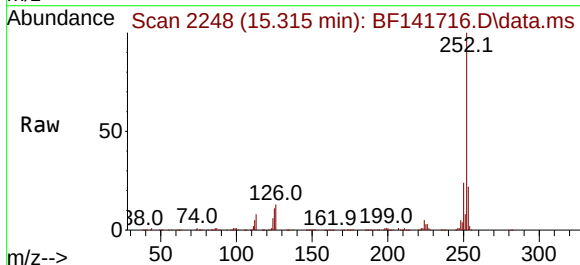
Instrument :
BNA_F
ClientSampleId :
PB166796BS

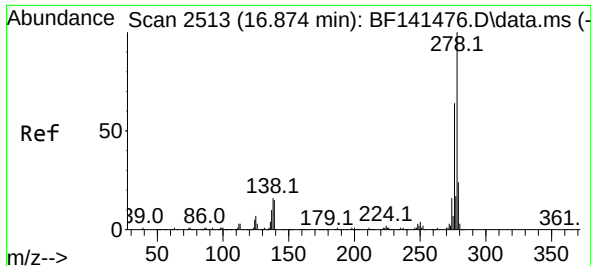
Tgt Ion:252 Resp: 468742
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.070 ng
RT: 15.315 min Scan# 2248
Delta R.T. -0.047 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:252 Resp: 457056
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.6 7.4 11.2

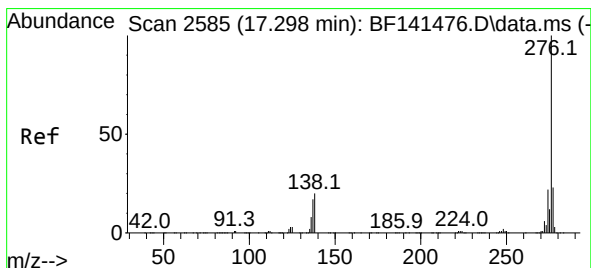
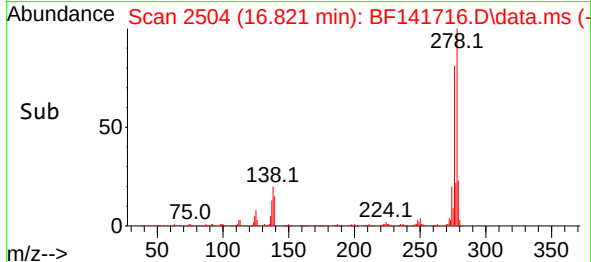
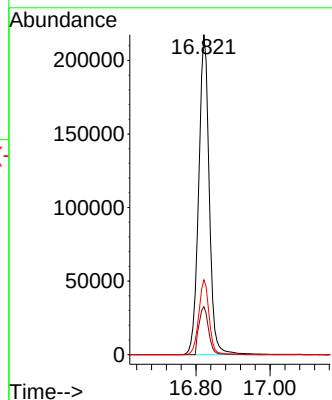
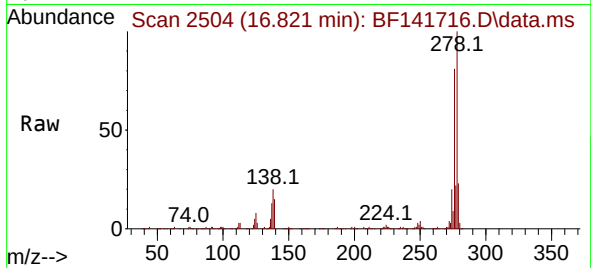




#91
Dibenzo(a,h)anthracene
Concen: 48.971 ng
RT: 16.821 min Scan# 2504
Delta R.T. -0.070 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166796BS

Tgt Ion:278 Resp: 429071
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.429 ng
RT: 17.239 min Scan# 2575
Delta R.T. -0.076 min
Lab File: BF141716.D
Acq: 21 Feb 2025 13:13

Tgt Ion:276 Resp: 416531
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.0 15.9 23.9

