

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141345.D
 Acq On : 31 Jan 2025 21:23
 Operator : RC/JU
 Sample : Q1239-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Quant Time: Jan 31 22:32:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	151192	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	601644	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	313664	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	473142	20.000	ng	0.00
76) Chrysene-d12	13.968	240	293043	20.000	ng	0.00
86) Perylene-d12	15.427	264	307605	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	787627	79.976	ng	0.01
7) Phenol-d6	6.439	99	981320	78.328	ng	0.00
23) Nitrobenzene-d5	7.363	82	619406	54.273	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	231727	80.585	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1083777	53.182	ng	0.00
79) Terphenyl-d14	12.910	244	874602	46.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	165733	38.264	ng	99
3) Pyridine	3.298	79	384595	36.854	ng	99
4) n-Nitrosodimethylamine	3.245	42	227306	38.129	ng	99
6) Aniline	6.463	93	336670	31.746	ng	# 45
8) 2-Chlorophenol	6.592	128	404289	38.301	ng	96
9) Benzaldehyde	6.351	77	317142	43.702	ng	98
10) Phenol	6.457	94	493779	37.180	ng	# 74
11) bis(2-Chloroethyl)ether	6.533	93	388205	38.123	ng	98
12) 1,3-Dichlorobenzene	6.739	146	414966	35.654	ng	99
13) 1,4-Dichlorobenzene	6.816	146	424165	36.277	ng	99
14) 1,2-Dichlorobenzene	6.969	146	404969	36.989	ng	99
15) Benzyl Alcohol	6.945	79	346393	40.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	658459	37.186	ng	60
17) 2-Methylphenol	7.069	107	314785	36.693	ng	# 89
18) Hexachloroethane	7.310	117	157921	36.612	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	283547	38.089	ng	97
20) 3+4-Methylphenols	7.222	107	411800	39.094	ng	# 74
22) Acetophenone	7.210	105	603872	42.226	ng	# 95
24) Nitrobenzene	7.380	77	423464	35.804	ng	100
25) Isophorone	7.622	82	750009	38.017	ng	99
26) 2-Nitrophenol	7.698	139	213106	38.205	ng	100
27) 2,4-Dimethylphenol	7.745	122	325582	45.859	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	471410	37.461	ng	99
29) 2,4-Dichlorophenol	7.951	162	330540	38.030	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	346729	34.931	ng	100
31) Naphthalene	8.104	128	1142619	35.950	ng	100
32) Benzoic acid	7.869	122	268361	41.118	ng	99
33) 4-Chloroaniline	8.151	127	94625	8.780	ng	99
34) Hexachlorobutadiene	8.222	225	207482	35.644	ng	99
35) Caprolactam	8.522	113	122988	43.327	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	344306	36.931	ng	99
37) 2-Methylnaphthalene	8.792	142	719070	35.596	ng	99
38) 1-Methylnaphthalene	8.892	142	691309	34.838	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	364026	40.795	ng	98
41) Hexachlorocyclopentadiene	8.945	237	361996	137.363	ng	99
43) 2,4,6-Trichlorophenol	9.074	196	226989	38.863	ng	99

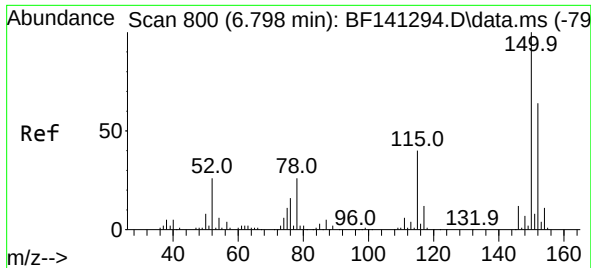
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	239509	37.677	ng	98
46) 1,1'-Biphenyl	9.257	154	1024211	41.869	ng	100
47) 2-Chloronaphthalene	9.280	162	688178	36.093	ng	99
48) 2-Nitroaniline	9.380	65	229753	38.310	ng	97
49) Acenaphthylene	9.698	152	1062919	39.825	ng	99
50) Dimethylphthalate	9.563	163	818537	38.638	ng	99
51) 2,6-Dinitrotoluene	9.621	165	179980	36.590	ng	99
52) Acenaphthene	9.869	154	791404	41.505	ng	100
53) 3-Nitroaniline	9.792	138	109113	22.633	ng	100
54) 2,4-Dinitrophenol	9.904	184	212958	93.135	ng	99
55) Dibenzofuran	10.045	168	939171	36.797	ng	99
56) 4-Nitrophenol	9.974	139	239854	68.029	ng	96
57) 2,4-Dinitrotoluene	10.027	165	236895	37.198	ng	98
58) Fluorene	10.386	166	712526	35.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	196384	39.268	ng	100
60) Diethylphthalate	10.263	149	784853	38.209	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	349993	36.192	ng	100
62) 4-Nitroaniline	10.410	138	161854	34.148	ng	100
63) Azobenzene	10.539	77	851960	41.435	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	132221	47.245	ng	98
66) n-Nitrosodiphenylamine	10.498	169	642080	41.957	ng	100
67) 4-Bromophenyl-phenylether	10.868	248	217834	41.124	ng	98
68) Hexachlorobenzene	10.933	284	224609	39.975	ng	98
69) Atrazine	11.027	200	226664	44.300	ng	99
70) Pentachlorophenol	11.133	266	252064	76.609	ng	98
71) Phenanthrene	11.351	178	1014716	39.897	ng	99
72) Anthracene	11.404	178	1006998	40.409	ng	100
73) Carbazole	11.557	167	800284	36.217	ng	99
74) Di-n-butylphthalate	11.892	149	1086017	40.554	ng	100
75) Fluoranthene	12.539	202	898790	35.790	ng	100
77) Benzidine	12.662	184	354432	37.728	ng	99
78) Pyrene	12.768	202	887523	31.552	ng	100
80) Butylbenzylphthalate	13.392	149	358143	36.444	ng	99
81) Benzo(a)anthracene	13.957	228	736238	36.408	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	183871	28.589	ng	99
83) Chrysene	13.992	228	714615	38.560	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	472896	37.934	ng	99
85) Di-n-octyl phthalate	14.574	149	842065	43.490	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	608369	30.643	ng	99
88) Benzo(b)fluoranthene	15.004	252	827249	42.754	ng	99
89) Benzo(k)fluoranthene	15.033	252	648817	37.852	ng	100
90) Benzo(a)pyrene	15.368	252	688279	42.094	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	491983	30.801	ng	100
92) Benzo(g,h,i)perylene	17.309	276	450156	27.104	ng	99

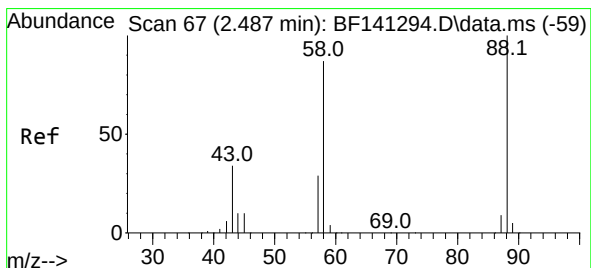
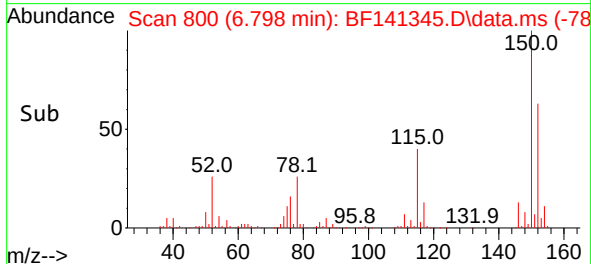
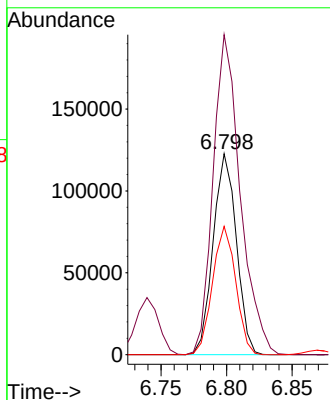
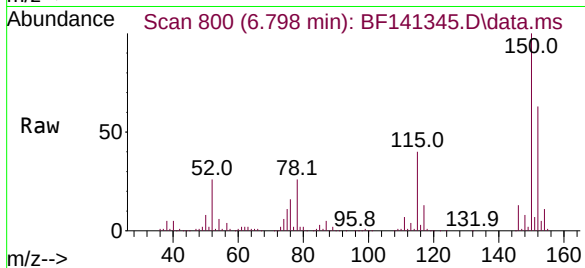
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141345.D
 Acq: 31 Jan 2025 21:23

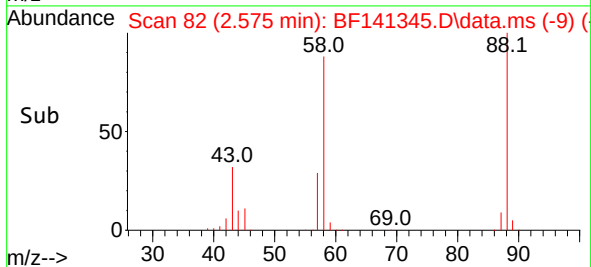
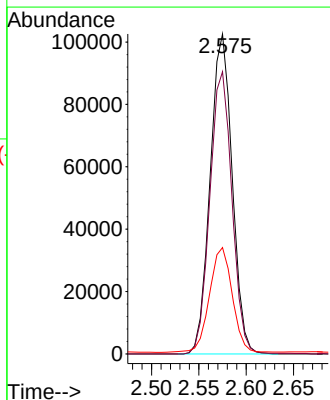
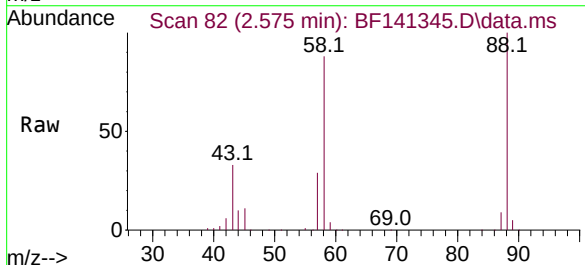
Instrument :
 BNA_F
 ClientSampleId :
 357MS

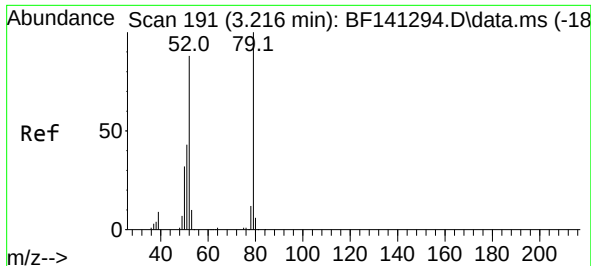
Tgt Ion:152 Resp: 151192
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.9 188.9
 115 63.9 49.7 74.5



#2
 1,4-Dioxane
 Concen: 38.264 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.082 min
 Lab File: BF141345.D
 Acq: 31 Jan 2025 21:23

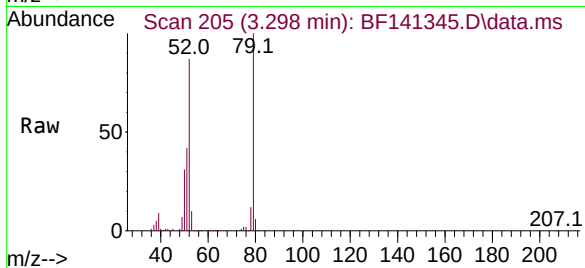
Tgt Ion: 88 Resp: 165733
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.2 105.4
 43 34.0 27.6 41.4



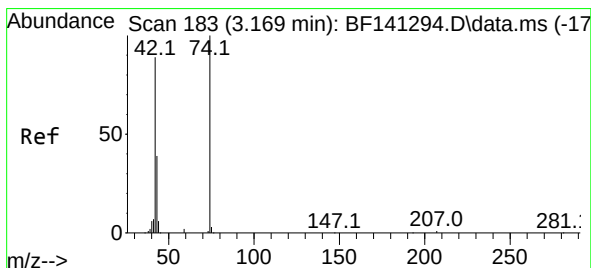
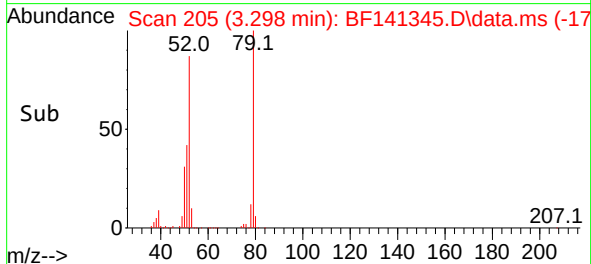
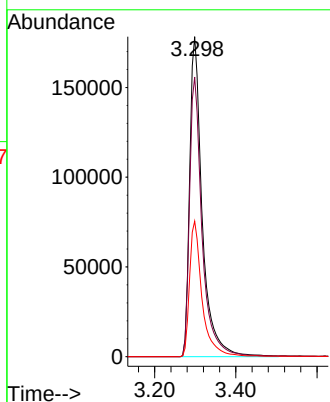


#3
Pyridine
Concen: 36.854 ng
RT: 3.298 min Scan# 205
Delta R.T. 0.070 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Instrument :
BNA_F
ClientSampleId :
357MS

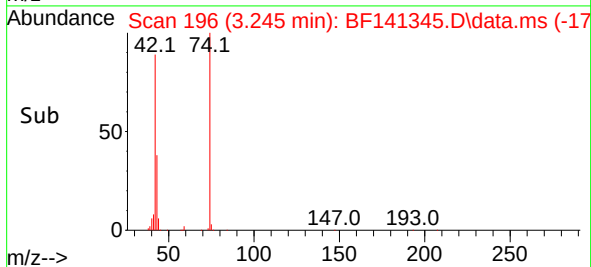
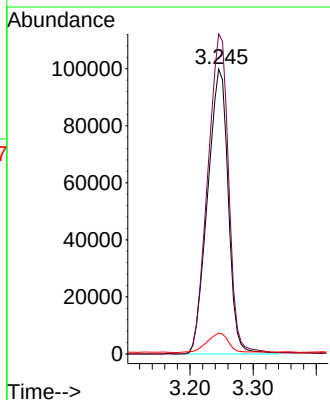
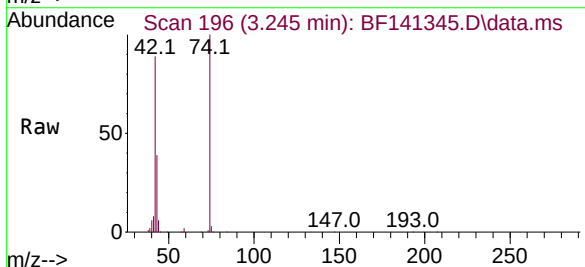


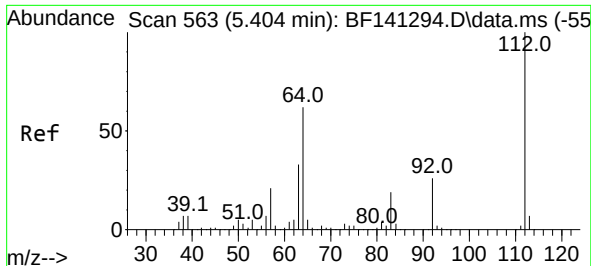
Tgt Ion: 79 Resp: 384595
Ion Ratio Lower Upper
79 100
52 87.4 70.3 105.5
51 42.4 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 38.129 ng
RT: 3.245 min Scan# 196
Delta R.T. 0.047 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 42 Resp: 227306
Ion Ratio Lower Upper
42 100
74 112.3 90.3 135.5
44 7.3 5.7 8.5

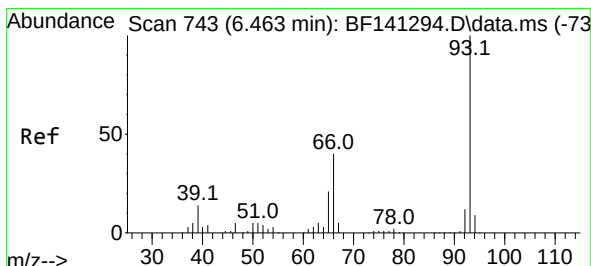
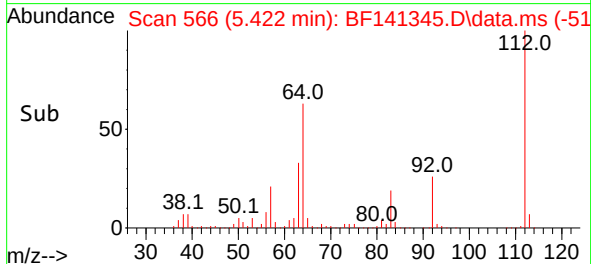
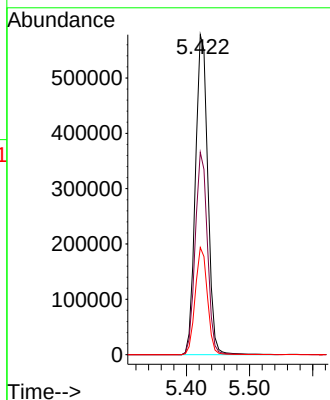
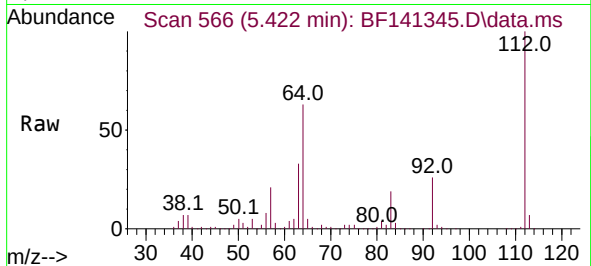




#5
2-Fluorophenol
Concen: 79.976 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.011 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

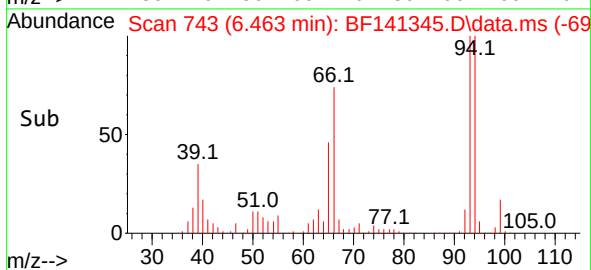
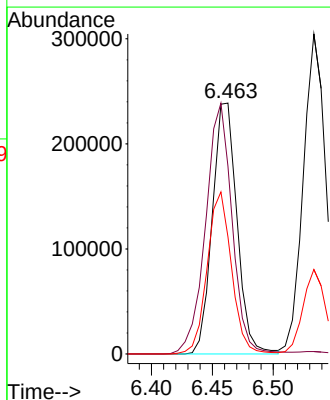
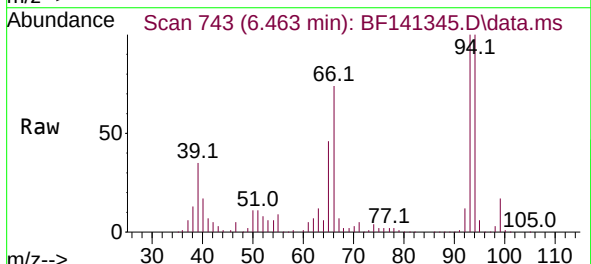
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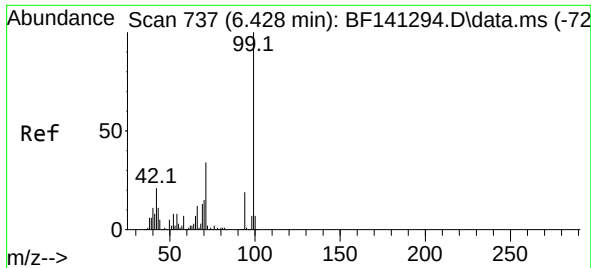
Tgt Ion:112 Resp: 787627
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 33.5 26.1 39.1



#6
Aniline
Concen: 31.746 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 93 Resp: 336670
Ion Ratio Lower Upper
93 100
66 74.8 32.5 48.7#
65 46.7 17.0 25.6#





#7

Phenol-d6

Concen: 78.328 ng

RT: 6.439 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

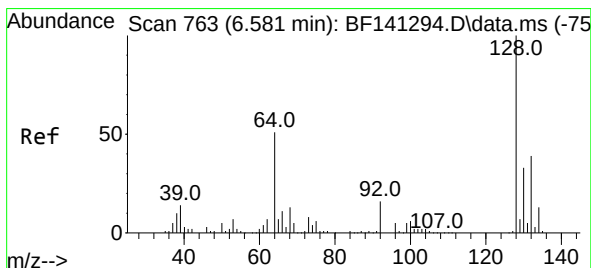
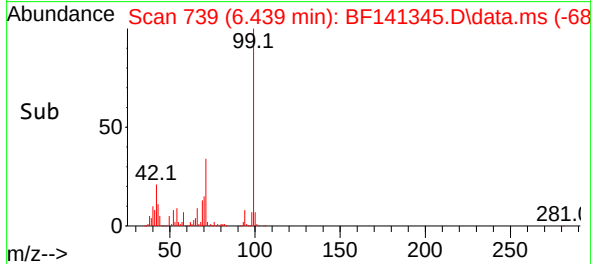
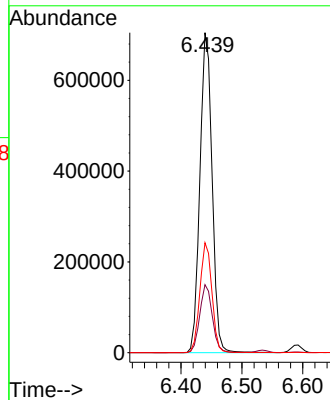
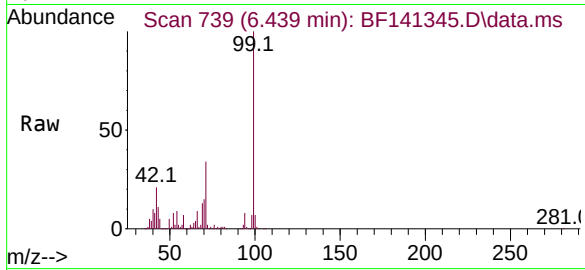
Tgt Ion: 99 Resp: 981320

Ion Ratio Lower Upper

99 100

42 21.2 17.1 25.7

71 34.4 26.9 40.3



#8

2-Chlorophenol

Concen: 38.301 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

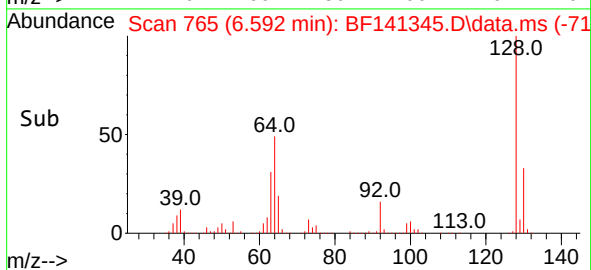
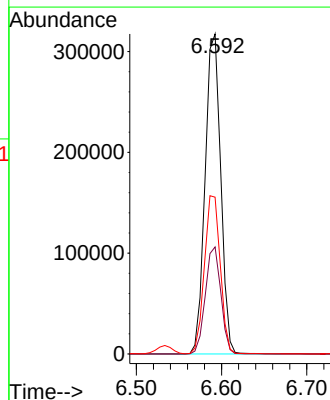
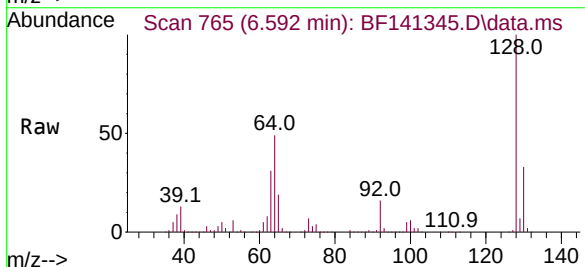
Tgt Ion:128 Resp: 404289

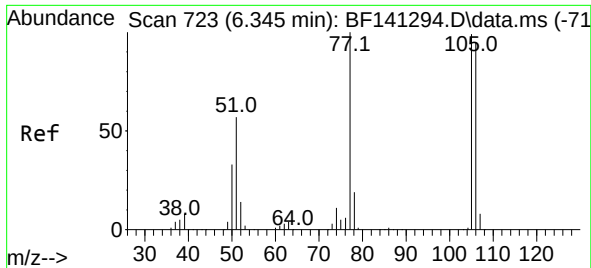
Ion Ratio Lower Upper

128 100

130 33.4 12.5 52.5

64 49.0 32.9 72.9





#9

Benzaldehyde

Concen: 43.702 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

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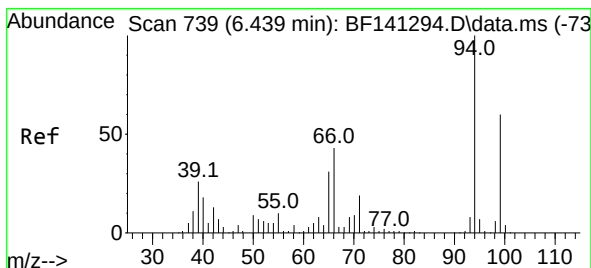
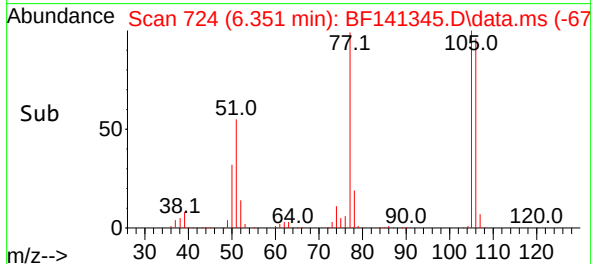
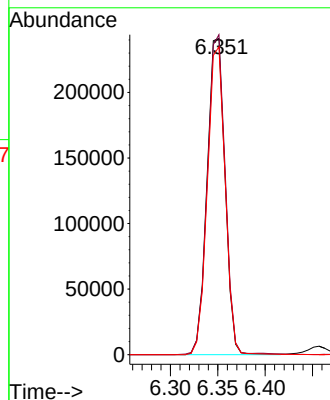
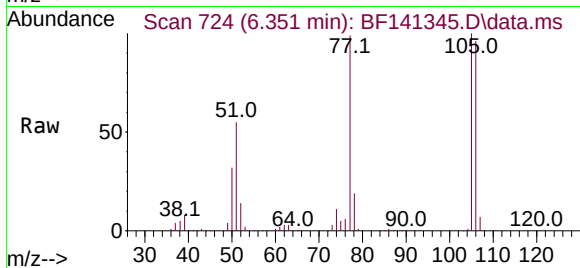
Tgt Ion: 77 Resp: 317142

Ion Ratio Lower Upper

77 100

105 101.2 79.4 119.4

106 97.3 74.6 114.6



#10

Phenol

Concen: 37.180 ng

RT: 6.457 min Scan# 742

Delta R.T. 0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

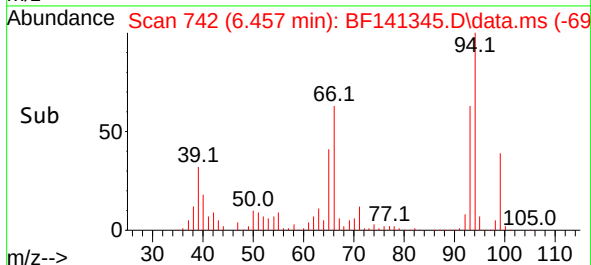
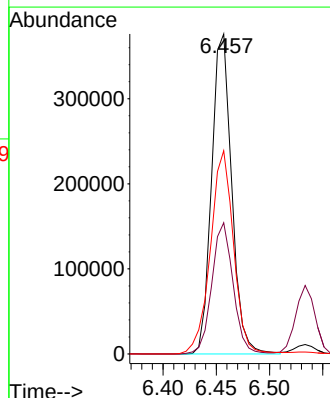
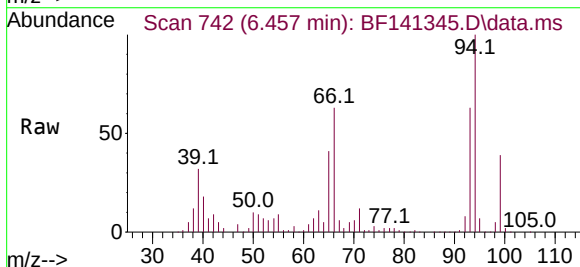
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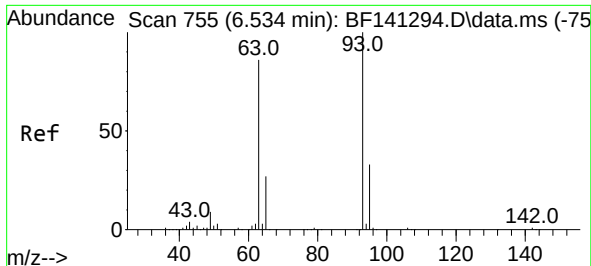
Ion Ratio Lower Upper

94 100

65 41.0 10.8 50.8

66 63.5 23.3 63.3#

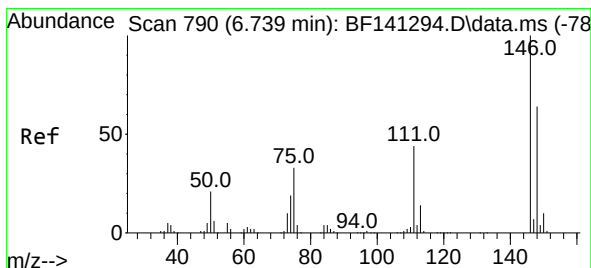
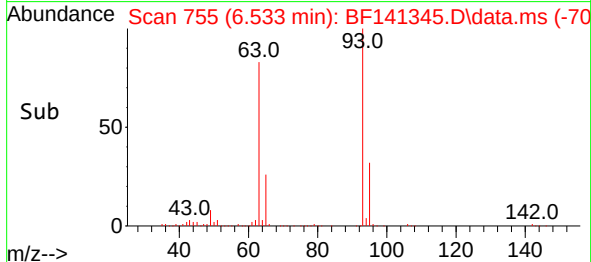
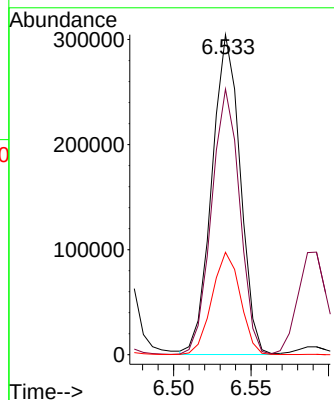
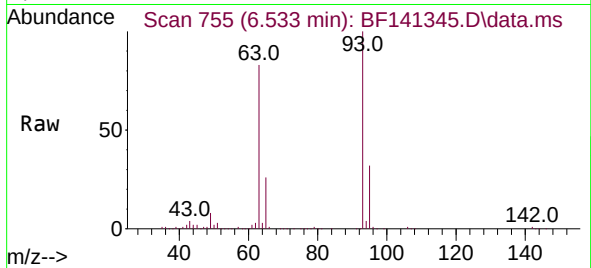




#11
bis(2-Chloroethyl)ether
Concen: 38.123 ng
RT: 6.533 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

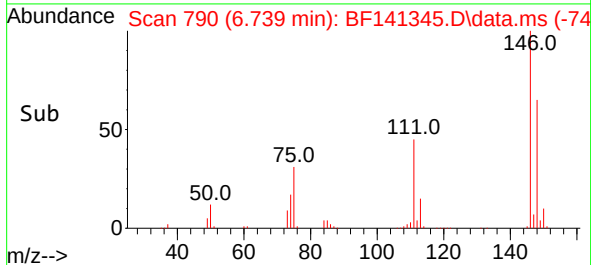
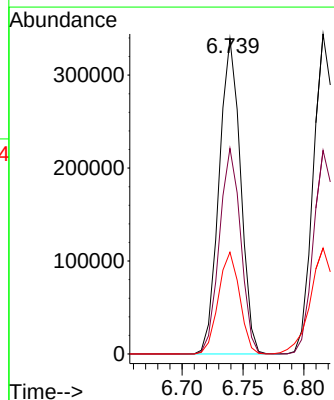
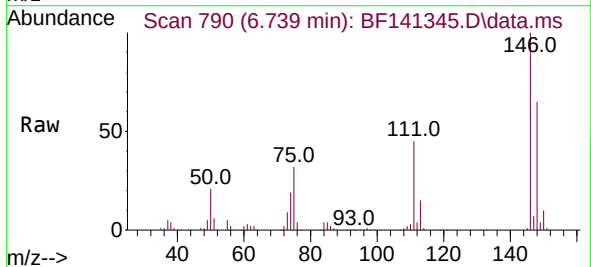
Instrument :
BNA_F
ClientSampleId :
357MS

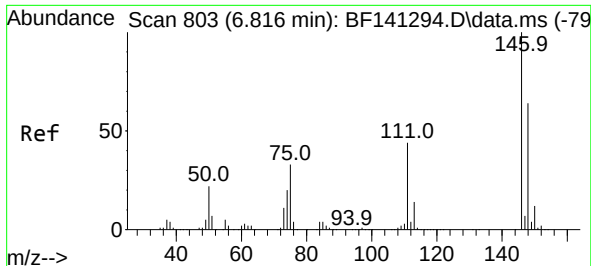
Tgt Ion: 93 Resp: 388205
Ion Ratio Lower Upper
93 100
63 83.0 65.0 105.0
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.654 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:146 Resp: 414966
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 32.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.277 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

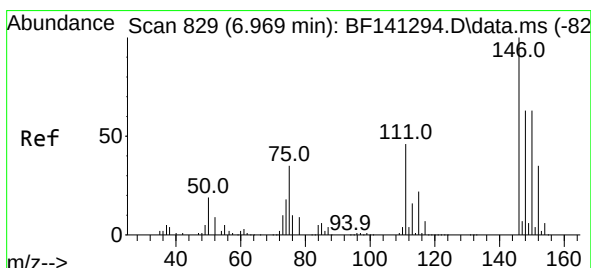
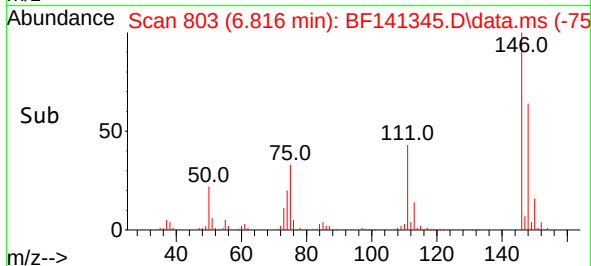
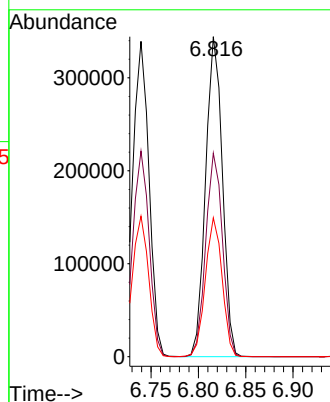
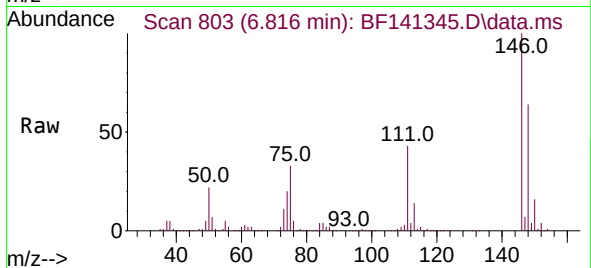
Tgt Ion:146 Resp: 424165

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 43.4 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 36.989 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

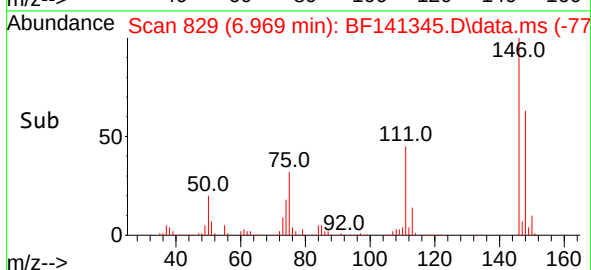
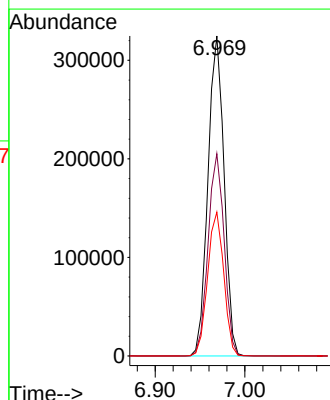
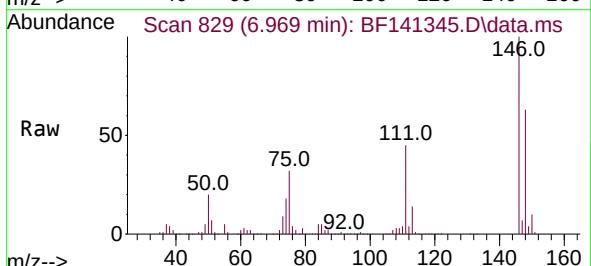
Tgt Ion:146 Resp: 404969

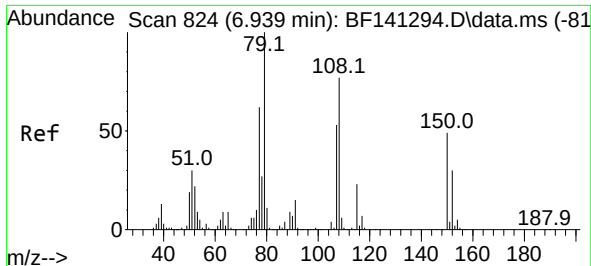
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 44.9 36.6 55.0

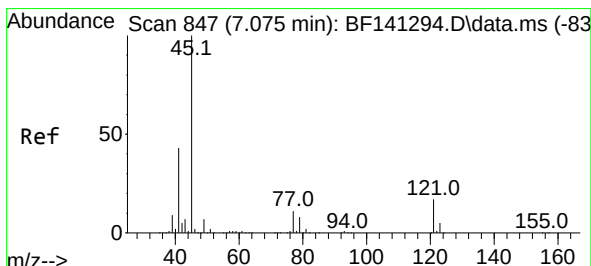
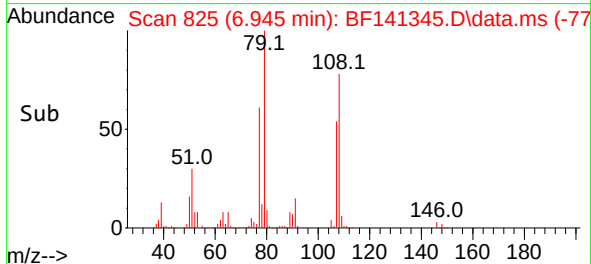
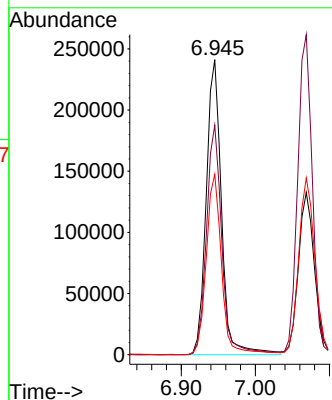
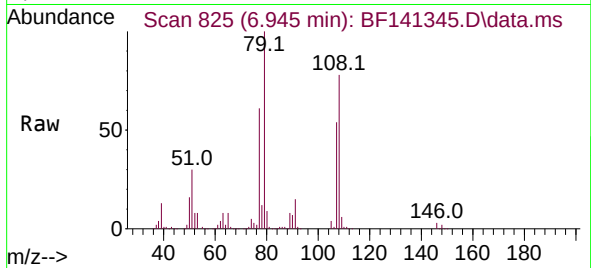




#15
Benzyl Alcohol
Concen: 40.458 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

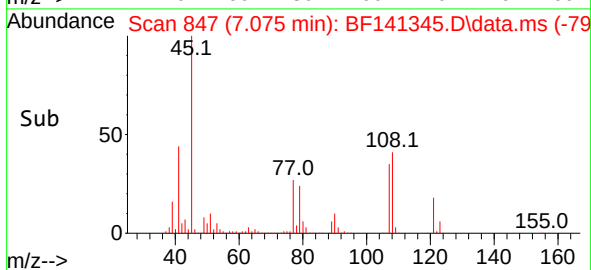
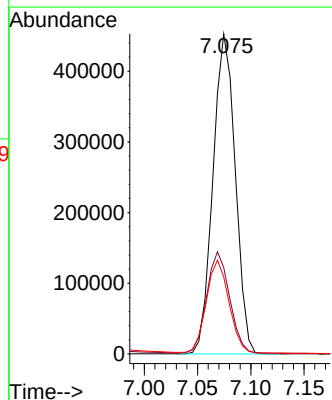
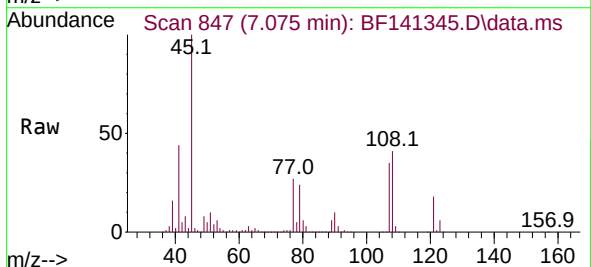
Instrument :
BNA_F
ClientSampleId :
357MS

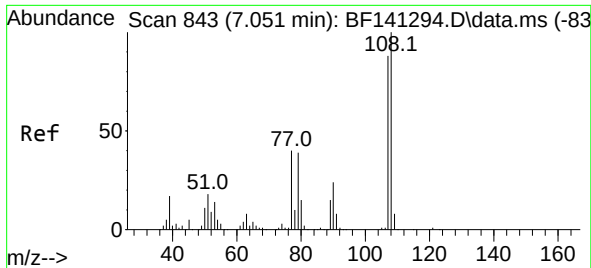
Tgt Ion: 79 Resp: 346393
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 61.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.186 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 45 Resp: 658459
Ion Ratio Lower Upper
45 100
77 27.1 0.0 31.8
79 24.0 0.0 29.1

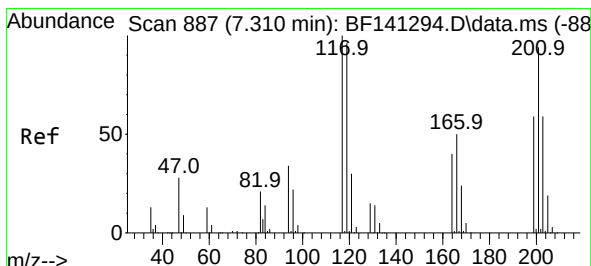
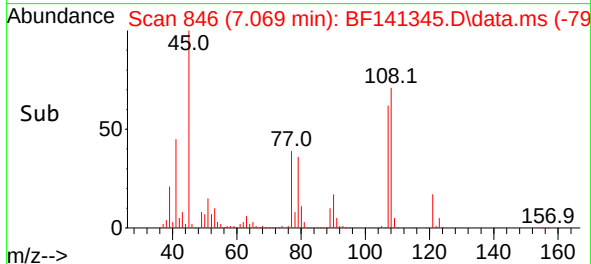
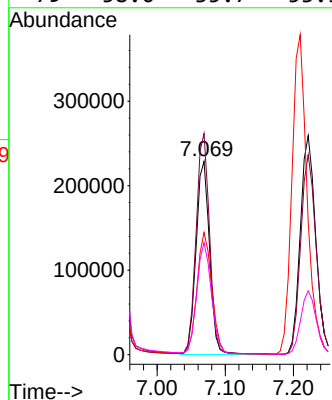
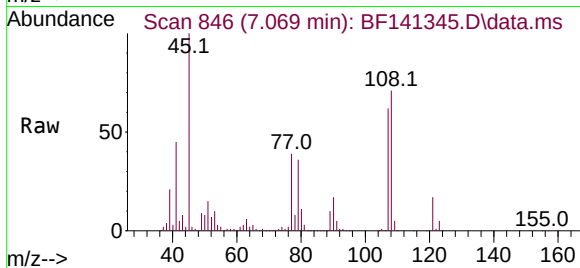




#17
2-Methylphenol
Concen: 36.693 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.011 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

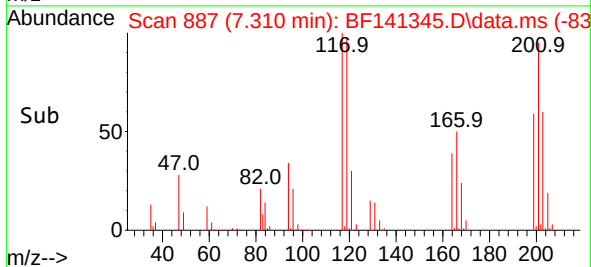
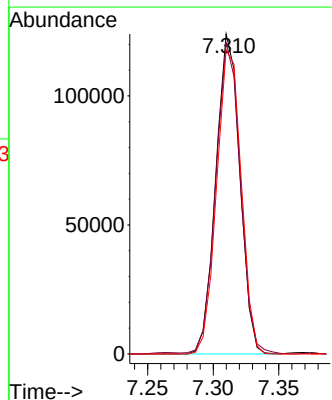
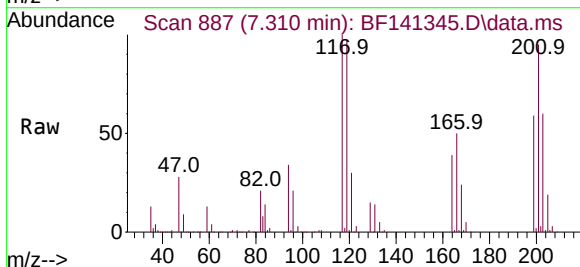
Instrument :
BNA_F
ClientSampleId :
357MS

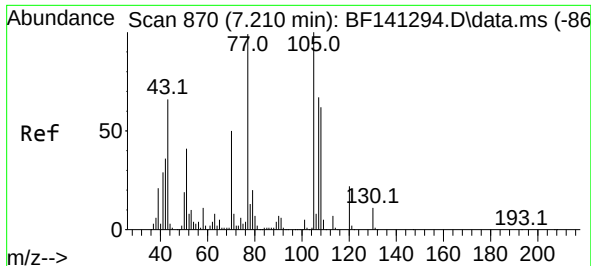
Tgt Ion:107 Resp: 314785
Ion Ratio Lower Upper
107 100
108 114.3 90.8 136.2
77 63.2 36.2 54.4#
79 58.0 35.7 53.5#



#18
Hexachloroethane
Concen: 36.612 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:117 Resp: 157921
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8
201 95.1 74.8 112.2

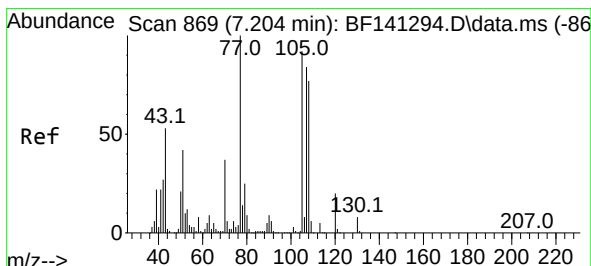
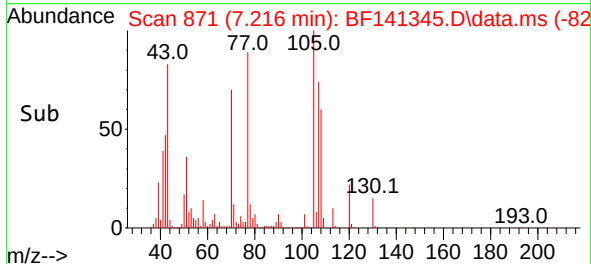
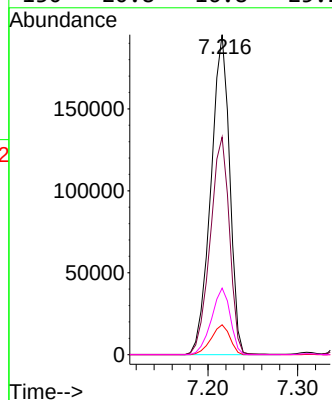
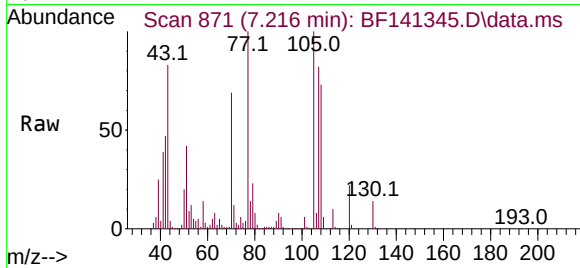




#19
n-Nitroso-di-n-propylamine
Concen: 38.089 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

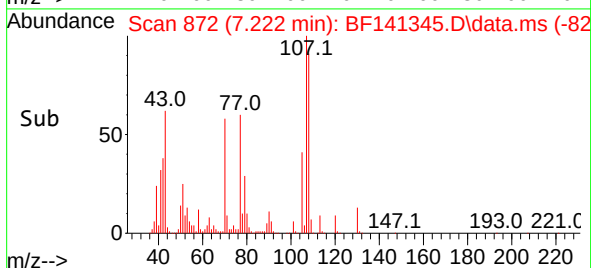
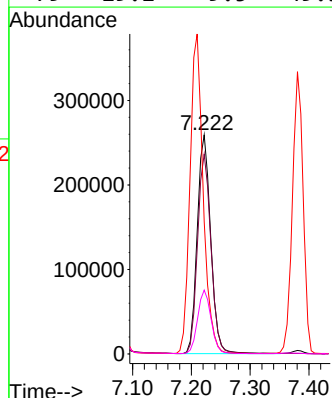
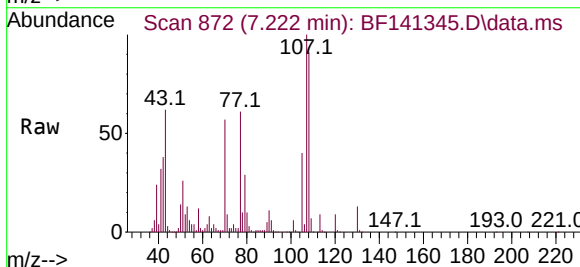
Instrument :
BNA_F
ClientSampleId :
357MS

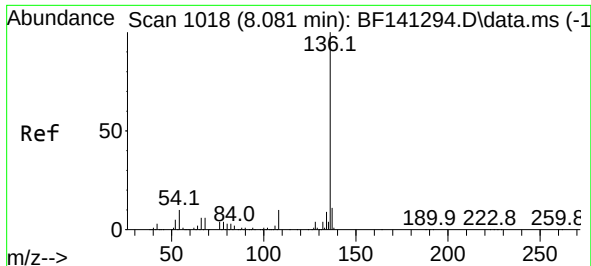
Tgt Ion: 70 Resp: 283547
Ion Ratio Lower Upper
70 100
42 68.0 56.8 85.2
101 9.4 7.7 11.5
130 20.8 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.094 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 107 Resp: 411800
Ion Ratio Lower Upper
107 100
108 91.2 70.9 110.9
77 60.5 98.5 138.5#
79 29.2 9.5 49.5



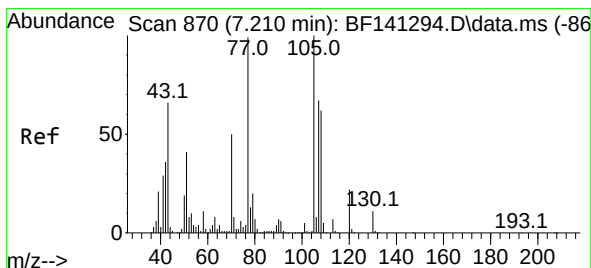
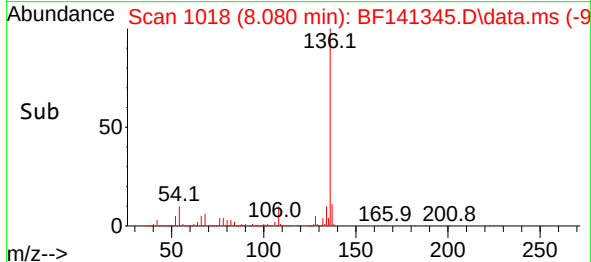
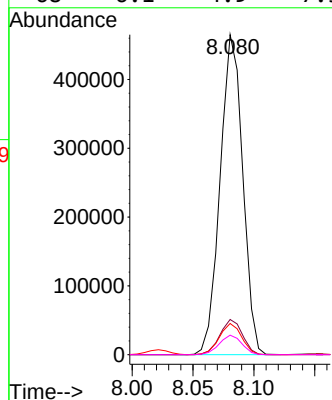
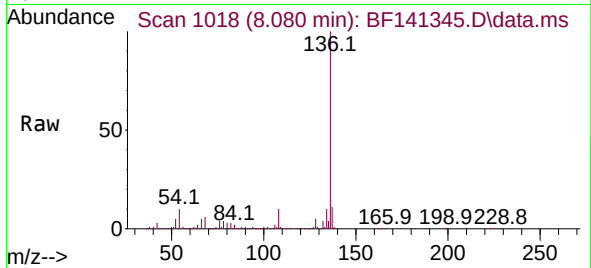


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Instrument :
BNA_F
ClientSampleId :
357MS

Tgt Ion:136 Resp: 601644

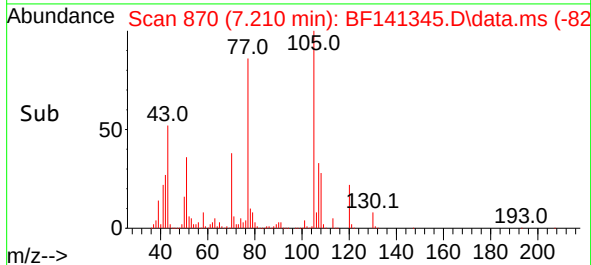
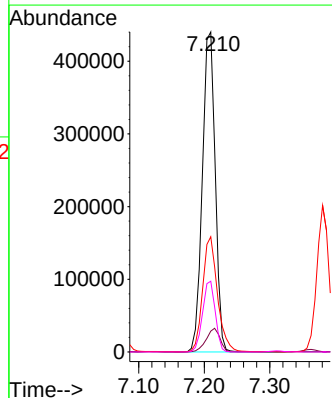
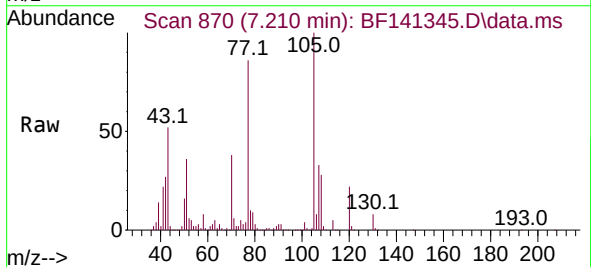
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.8	11.8
68	6.1	4.9	7.3

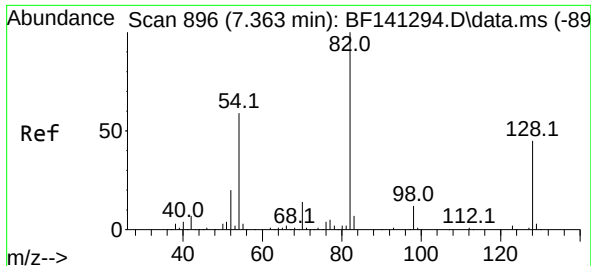


#22
Acetophenone
Concen: 42.226 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:105 Resp: 603872

Ion	Ratio	Lower	Upper
105	100		
71	6.5	6.8	10.2
51	36.0	32.6	49.0
120	22.1	17.4	26.0

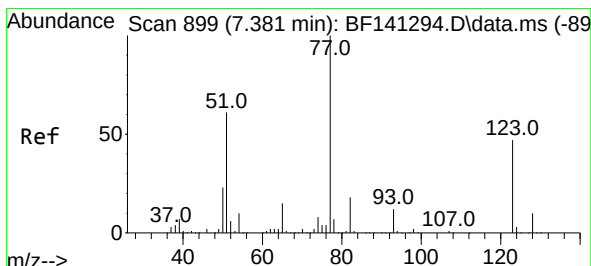
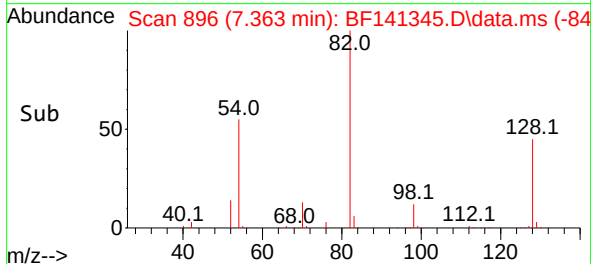
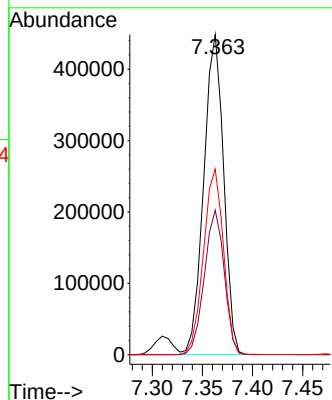
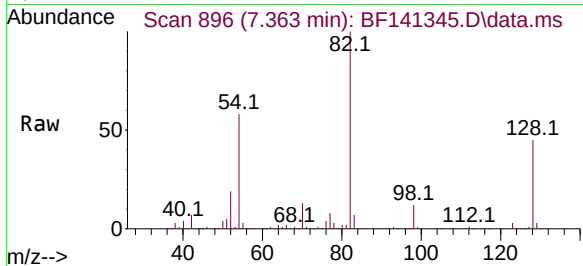




#23
Nitrobenzene-d5
Concen: 54.273 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

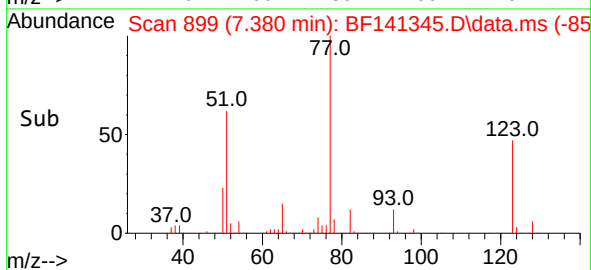
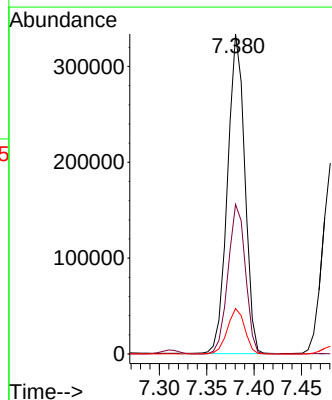
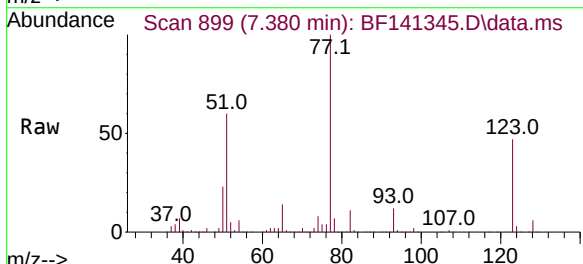
Instrument :
BNA_F
ClientSampleId :
357MS

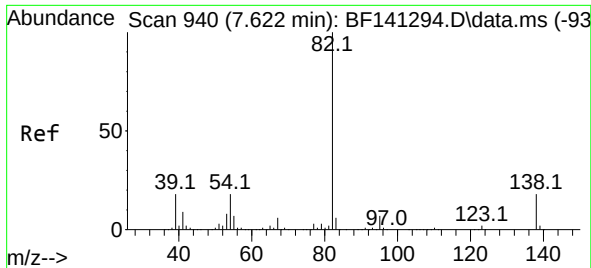
Tgt Ion: 82 Resp: 619406
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 58.0 47.1 70.7



#24
Nitrobenzene
Concen: 35.804 ng
RT: 7.380 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 77 Resp: 423464
Ion Ratio Lower Upper
77 100
123 46.7 37.3 55.9
65 14.2 11.8 17.6

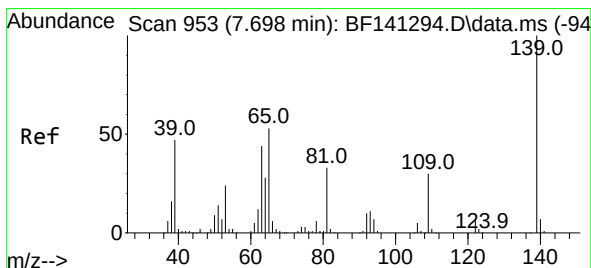
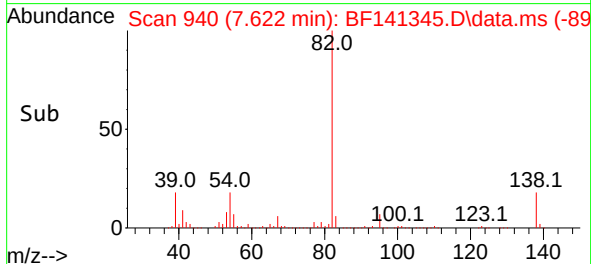
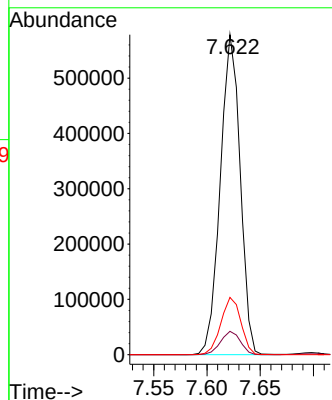
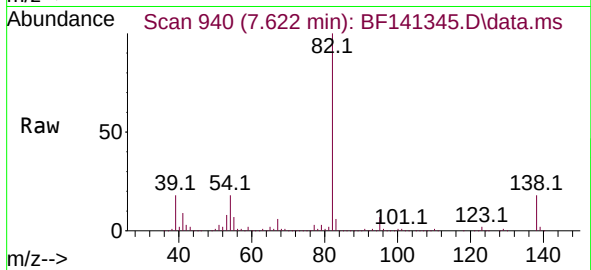




#25
Isophorone
Concen: 38.017 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

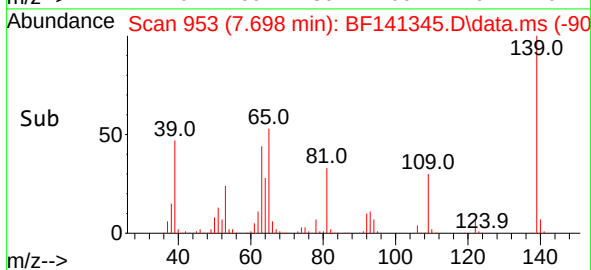
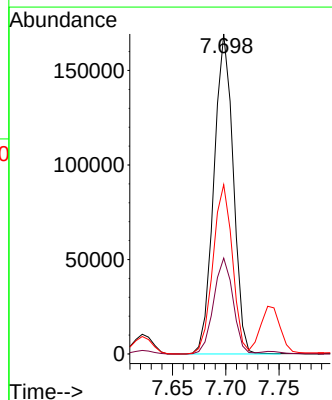
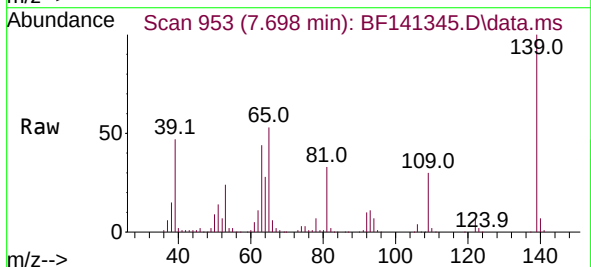
Instrument :
BNA_F
ClientSampleId :
357MS

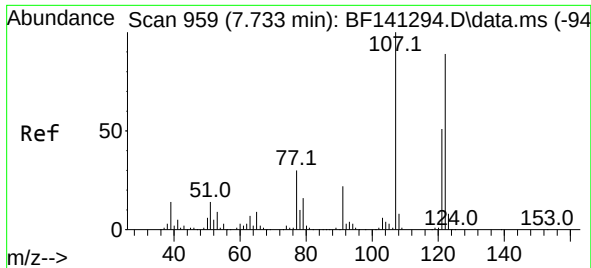
Tgt Ion: 82 Resp: 750009
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 38.205 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:139 Resp: 213106
Ion Ratio Lower Upper
139 100
109 30.0 23.8 35.6
65 52.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 45.859 ng

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

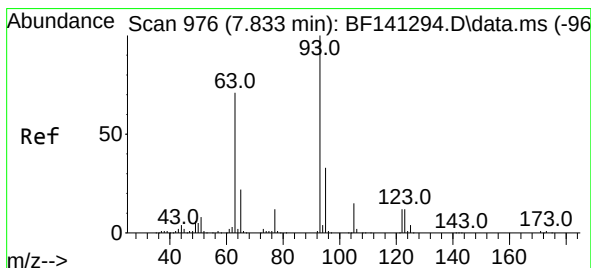
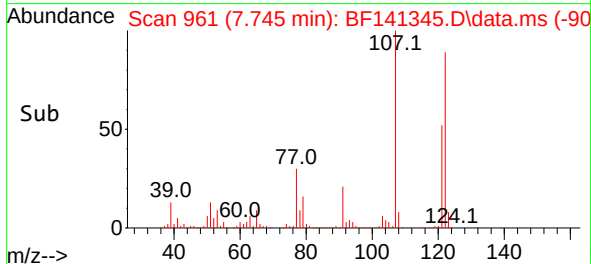
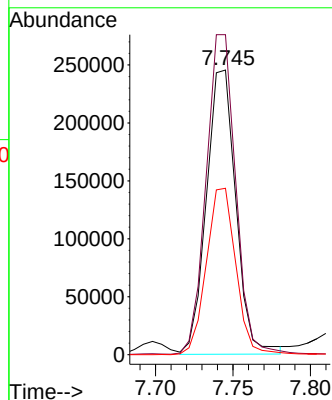
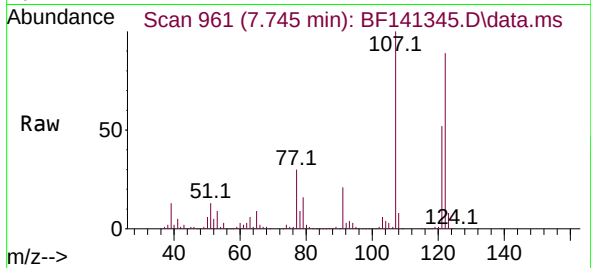
Tgt Ion:122 Resp: 325582

Ion Ratio Lower Upper

122 100

107 112.4 89.9 134.9

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.461 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

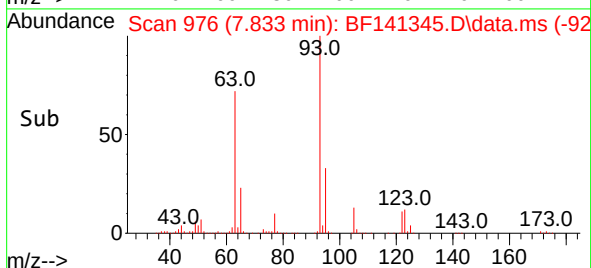
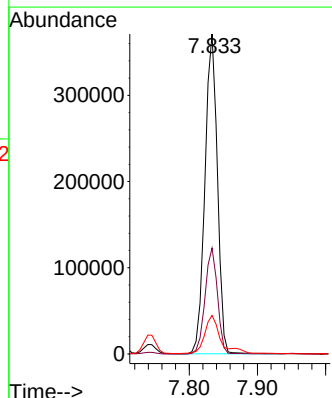
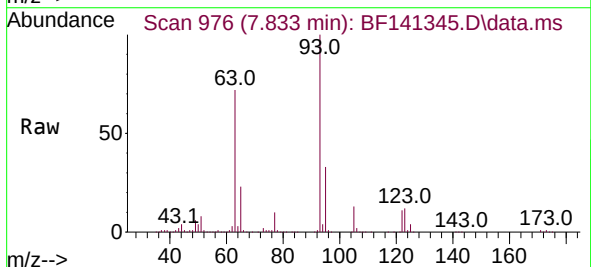
Tgt Ion: 93 Resp: 471410

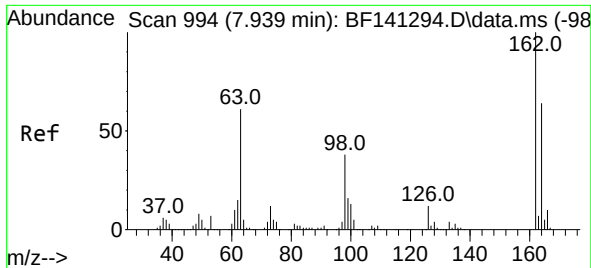
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.030 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

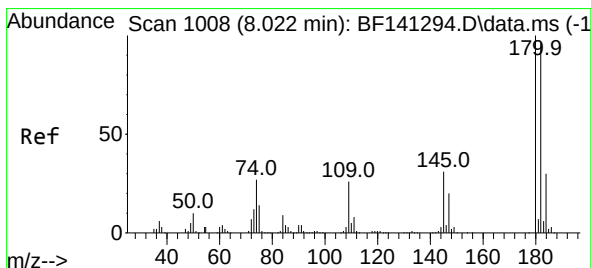
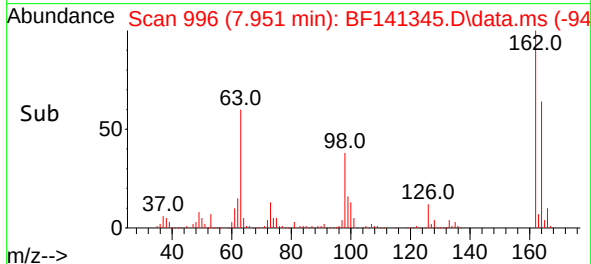
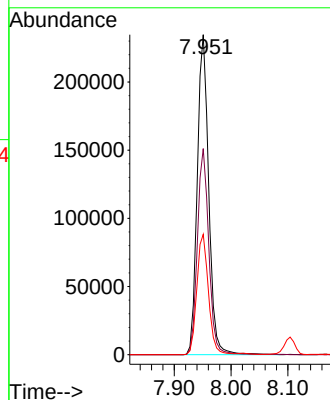
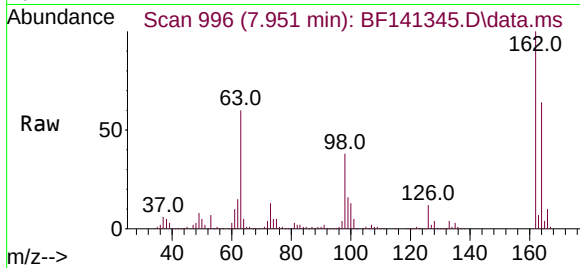
Tgt Ion:162 Resp: 330540

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 37.6 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 34.931 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

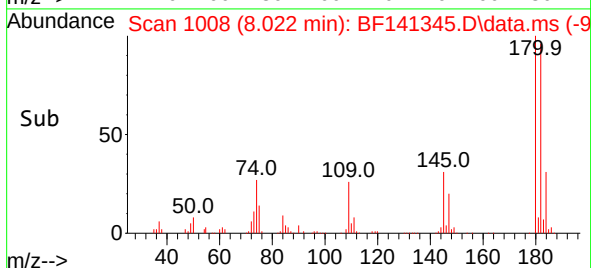
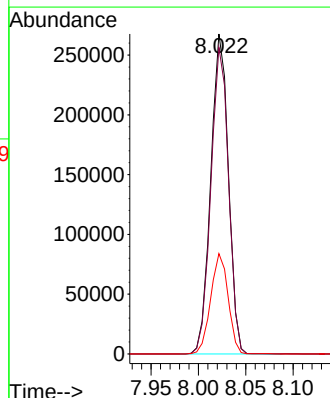
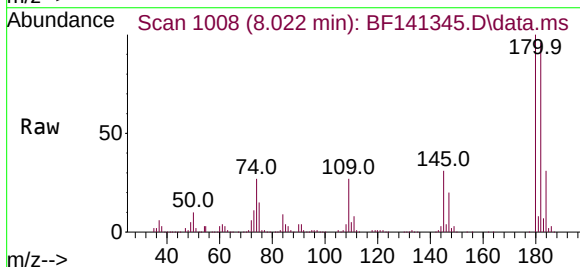
Tgt Ion:180 Resp: 346729

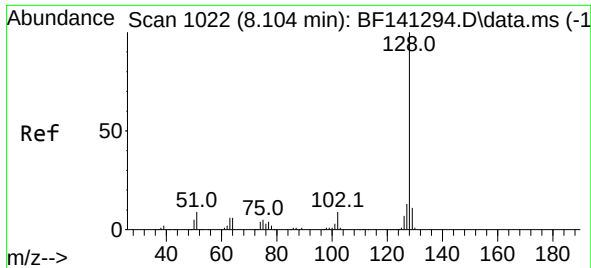
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.3 24.9 37.3

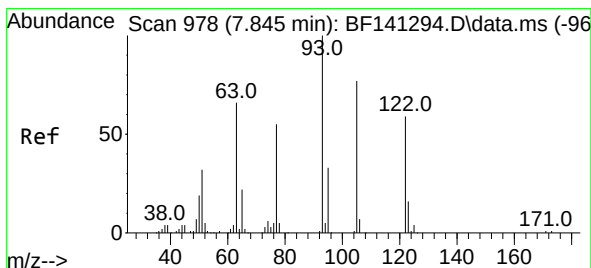
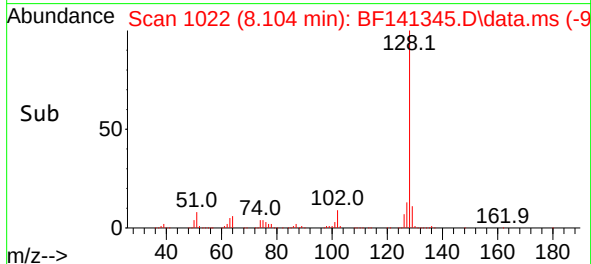
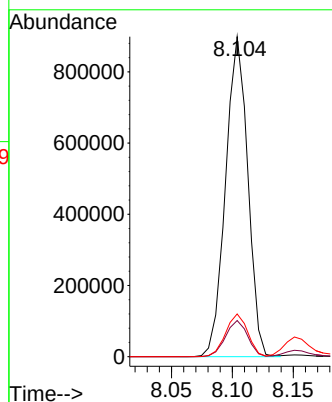
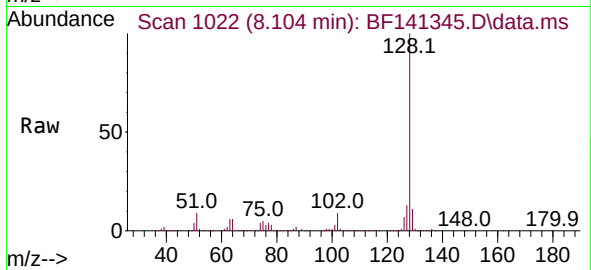




#31
Naphthalene
Concen: 35.950 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

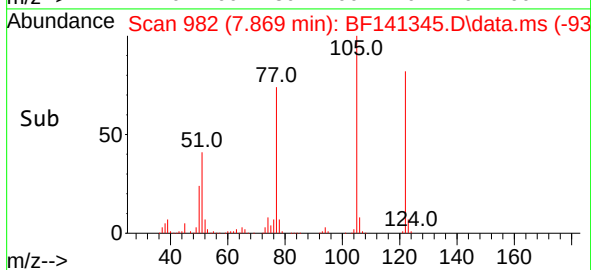
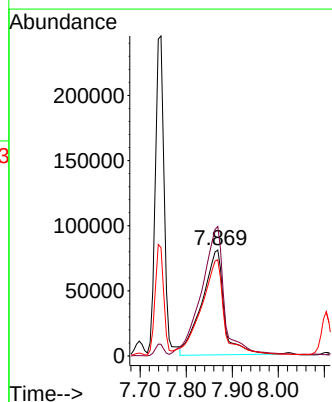
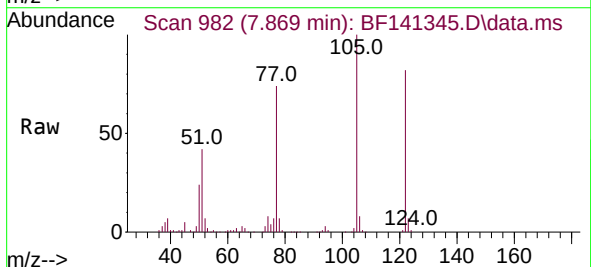
Instrument :
BNA_F
ClientSampleId :
357MS

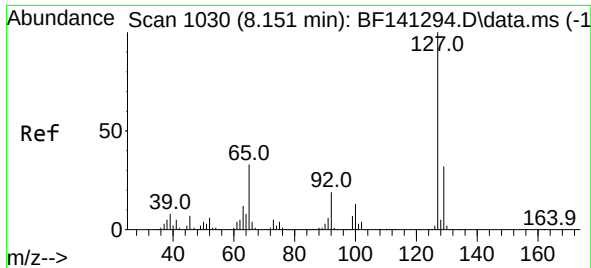
Tgt Ion:128 Resp: 1142619
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 41.118 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:122 Resp: 268361
Ion Ratio Lower Upper
122 100
105 122.2 103.4 143.4
77 90.8 70.9 110.9

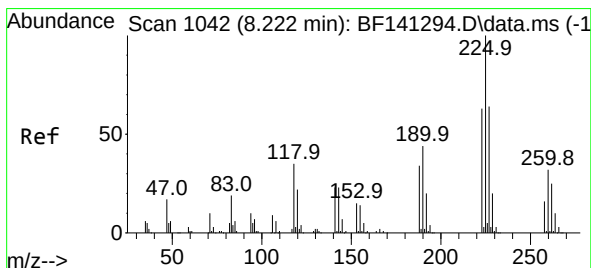
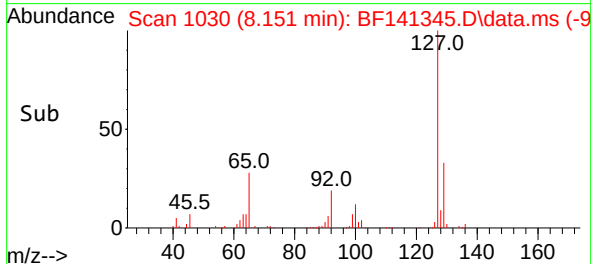
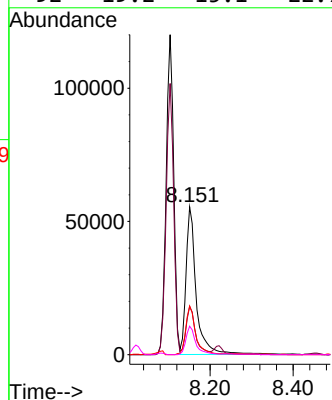
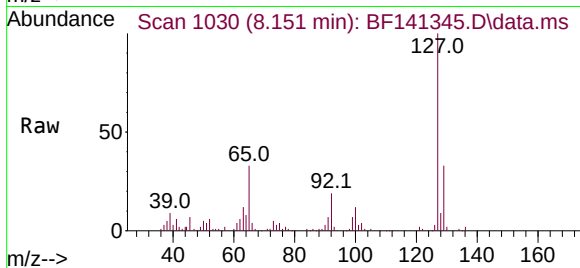




#33
4-Chloroaniline
Concen: 8.780 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

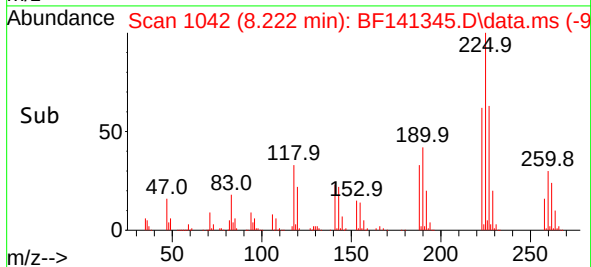
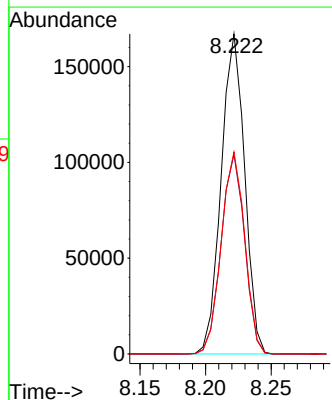
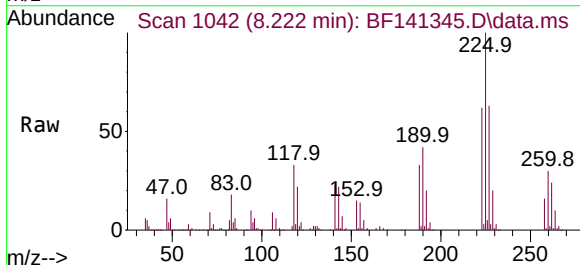
Instrument :
BNA_F
ClientSampleId :
357MS

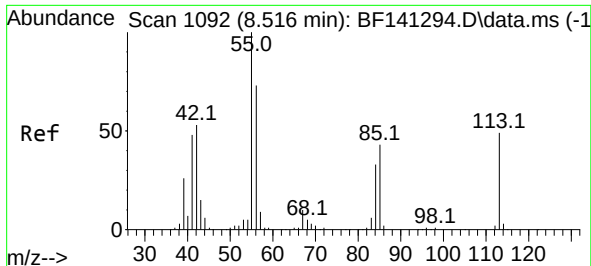
Tgt Ion:	127	Resp:	94625
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	33.0	26.4	39.6
92	19.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.644 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:	225	Resp:	207482
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	63.2	51.3	76.9

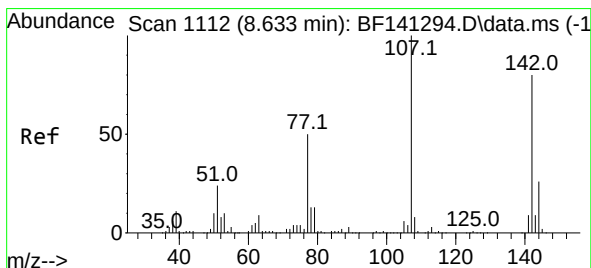
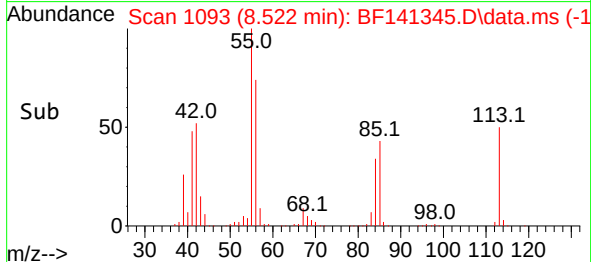
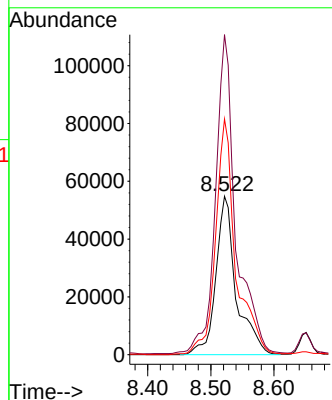
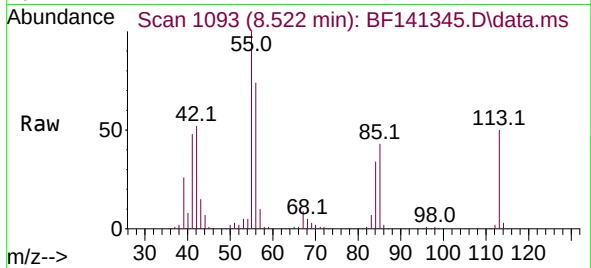




#35
Caprolactam
Concen: 43.327 ng
RT: 8.522 min Scan# 1109
Delta R.T. -0.024 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

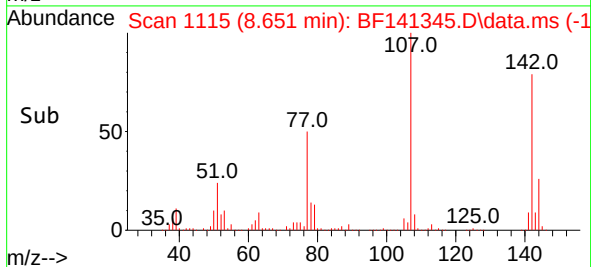
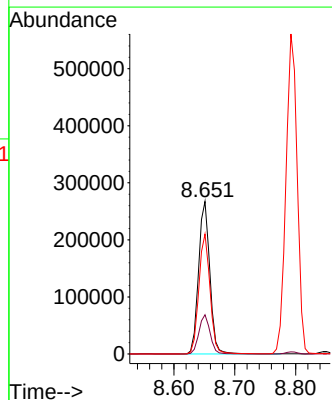
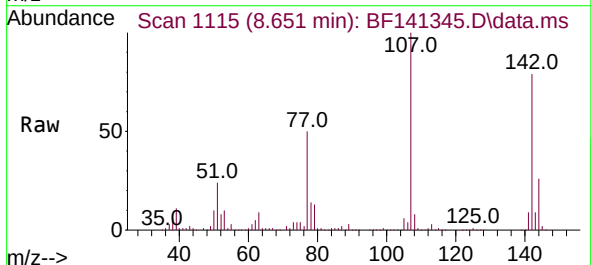
Instrument :
BNA_F
ClientSampleId :
357MS

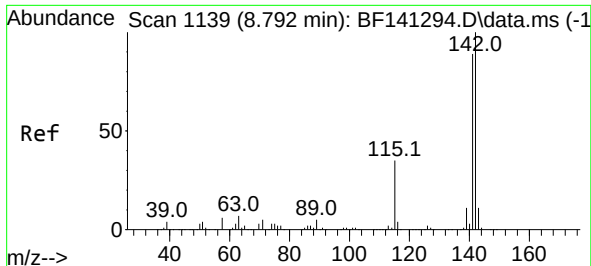
Tgt Ion:113 Resp: 122988
Ion Ratio Lower Upper
113 100
55 201.9 182.9 222.9
56 148.7 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 36.931 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.011 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:107 Resp: 344306
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 78.6 63.8 95.8

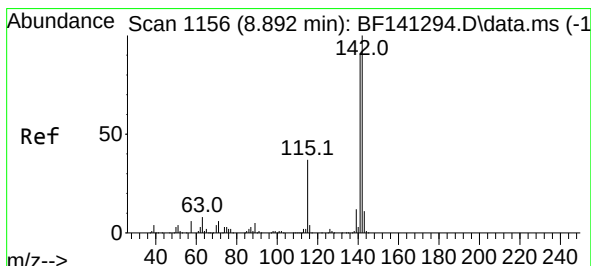
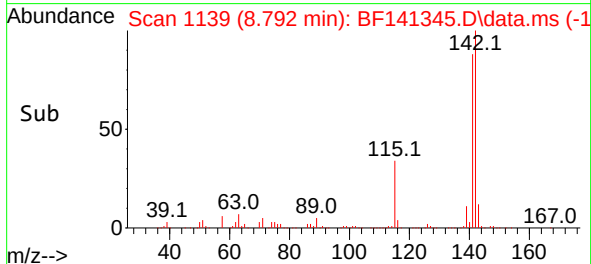
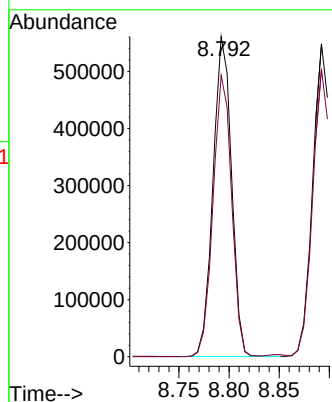
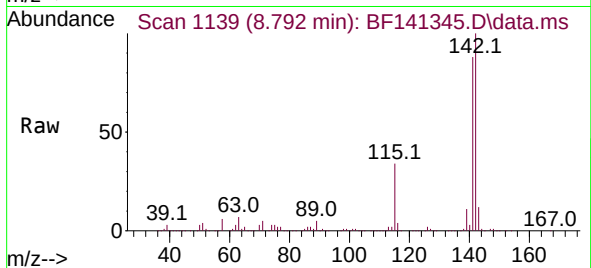




#37
2-Methylnaphthalene
Concen: 35.596 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

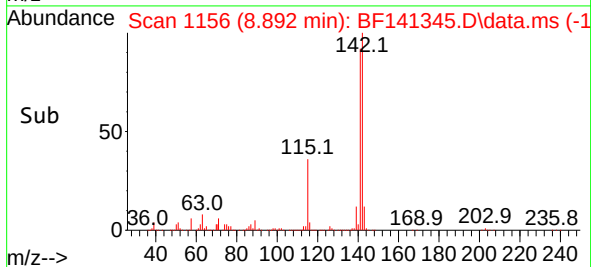
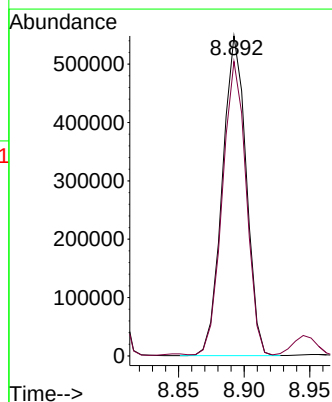
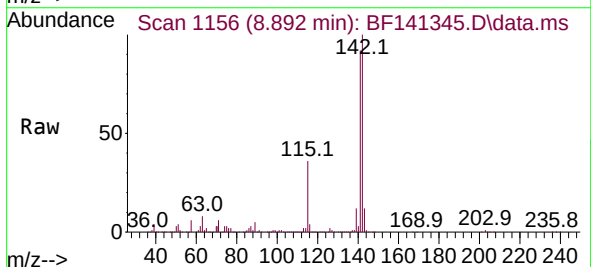
Instrument :
BNA_F
ClientSampleId :
357MS

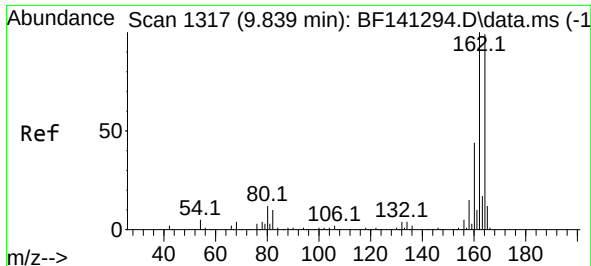
Tgt Ion:142 Resp: 719070
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9



#38
1-Methylnaphthalene
Concen: 34.838 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:142 Resp: 691309
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

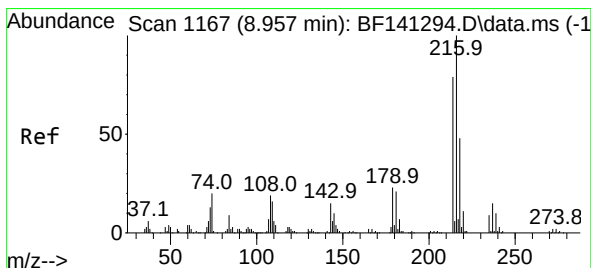
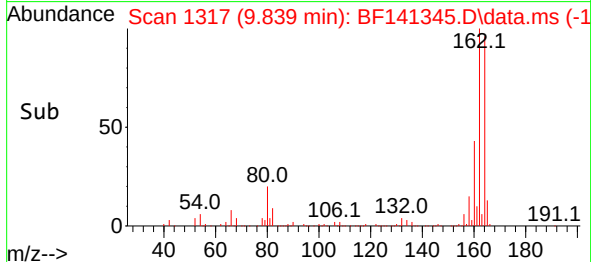
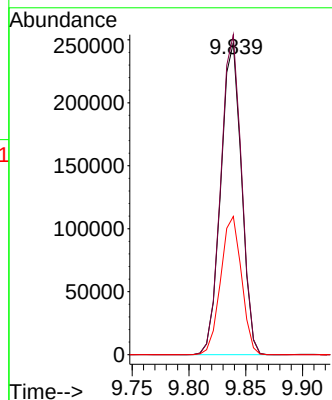
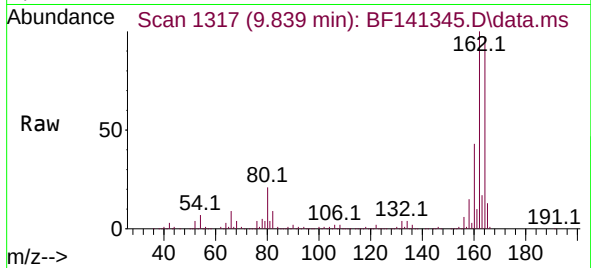




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

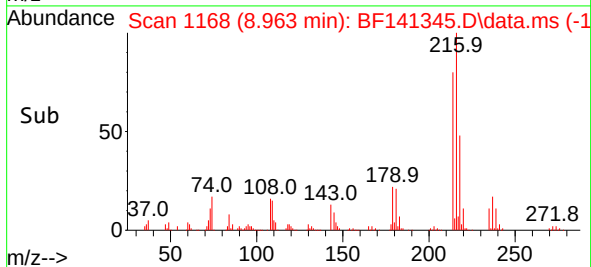
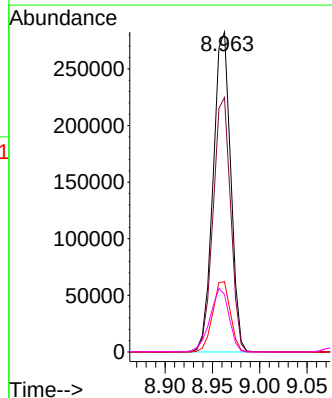
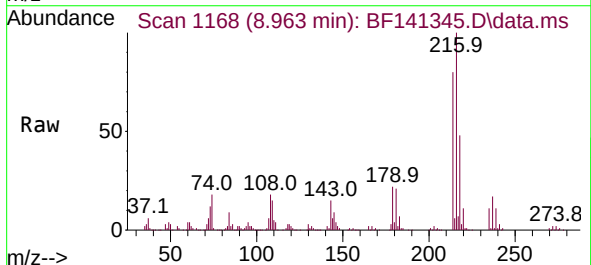
Instrument :
BNA_F
ClientSampleId :
357MS

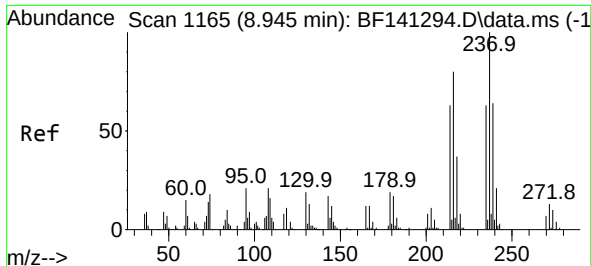
Tgt Ion:164 Resp: 313664
Ion Ratio Lower Upper
164 100
162 102.6 80.6 121.0
160 44.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.795 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:216 Resp: 364026
Ion Ratio Lower Upper
216 100
214 79.7 63.2 94.8
179 22.2 17.8 26.8
108 21.7 15.0 22.6

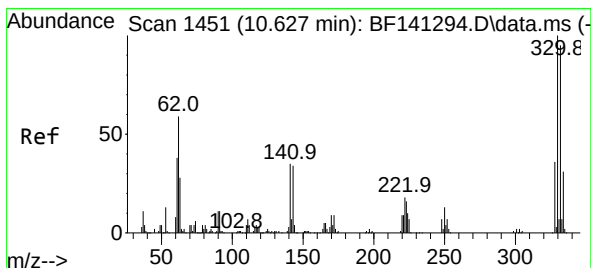
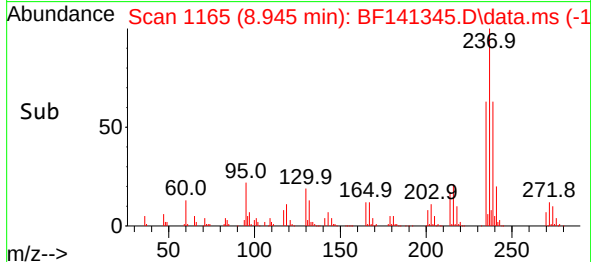
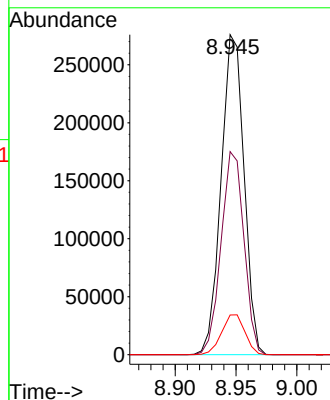
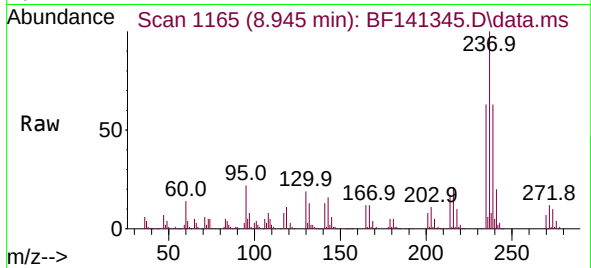




#41
Hexachlorocyclopentadiene
Concen: 137.363 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

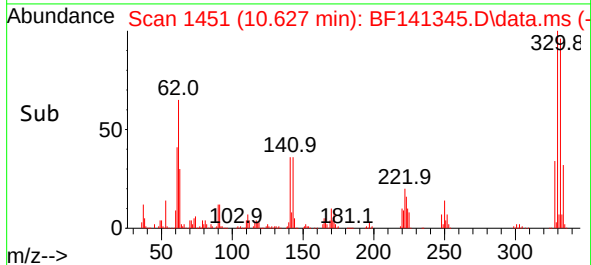
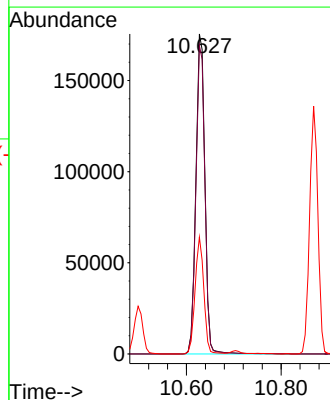
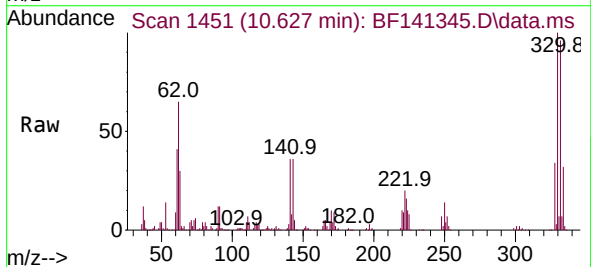
Instrument :
BNA_F
ClientSampleId :
357MS

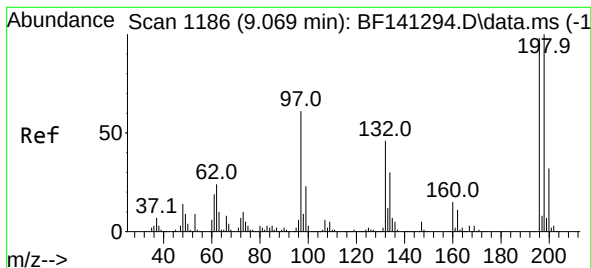
Tgt Ion:237 Resp: 361996
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 80.585 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:330 Resp: 231727
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 35.6 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 38.863 ng

RT: 9.074 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

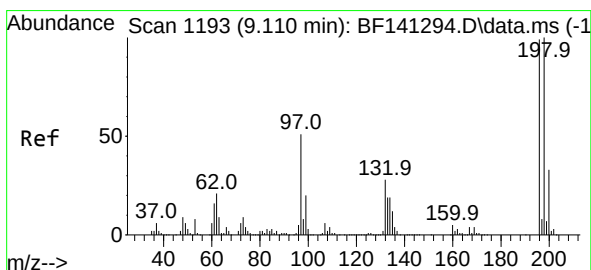
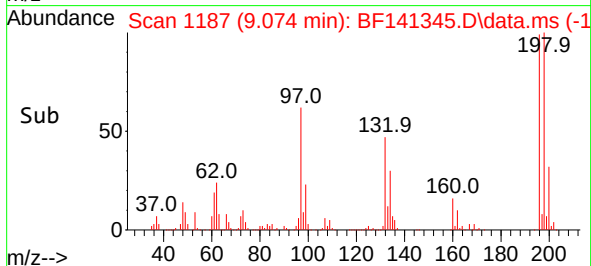
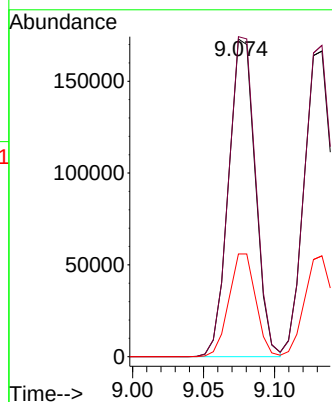
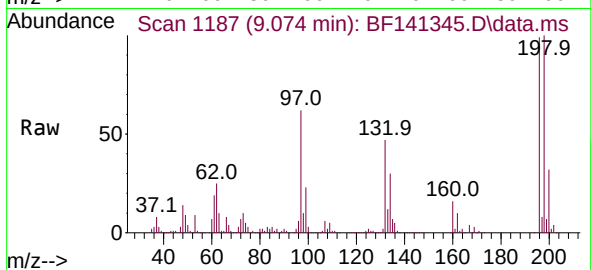
Tgt Ion:196 Resp: 226989

Ion Ratio Lower Upper

196 100

198 100.7 81.8 122.6

200 32.3 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 37.677 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.017 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Tgt Ion:196 Resp: 239509

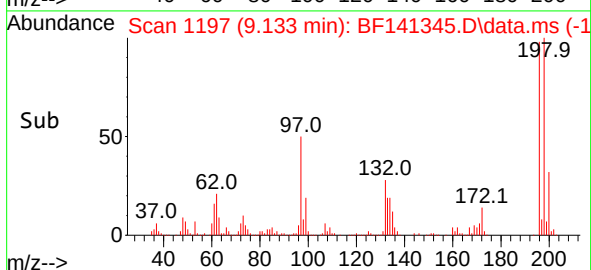
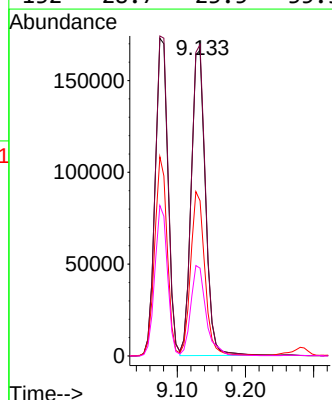
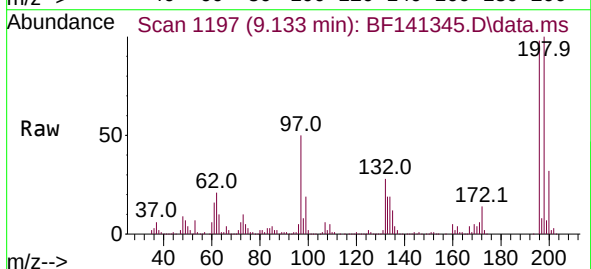
Ion Ratio Lower Upper

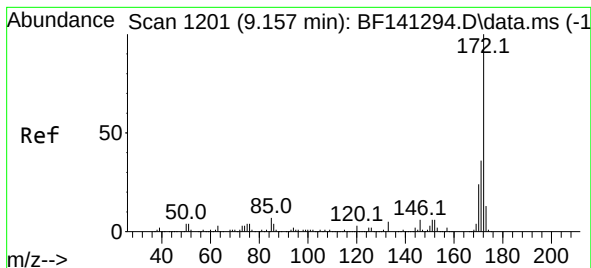
196 100

198 101.8 80.5 120.7

97 50.8 42.8 64.2

132 28.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 53.182 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

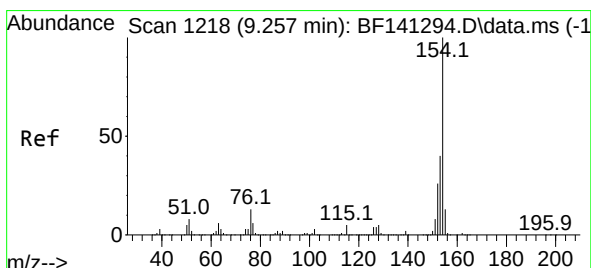
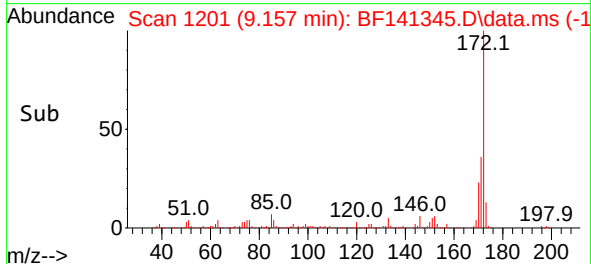
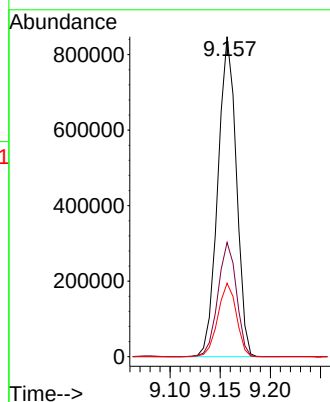
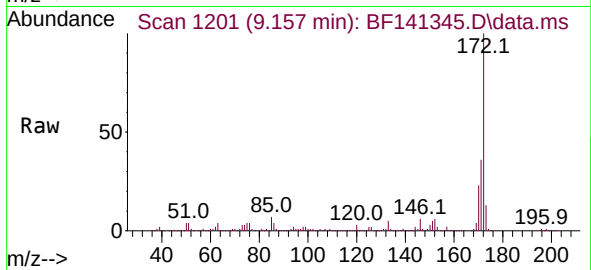
Tgt Ion:172 Resp: 1083777

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.869 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

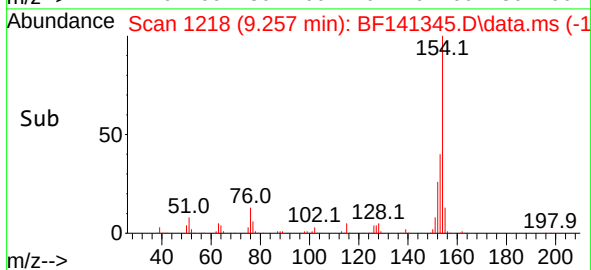
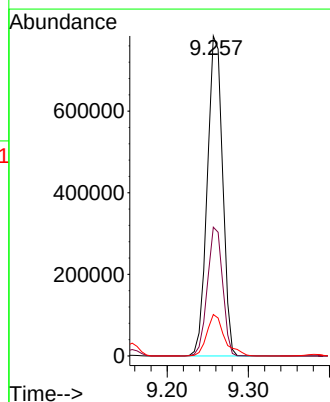
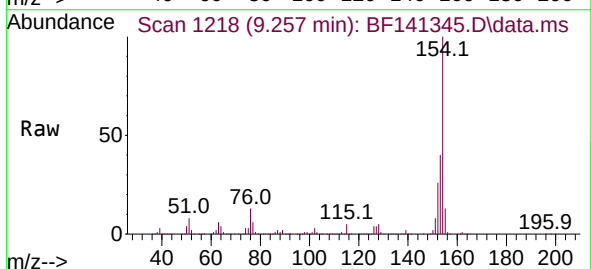
Tgt Ion:154 Resp: 1024211

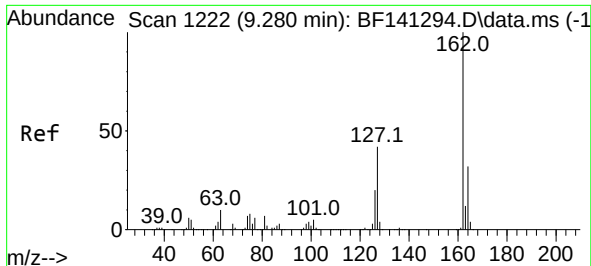
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

76 12.9 0.0 32.8

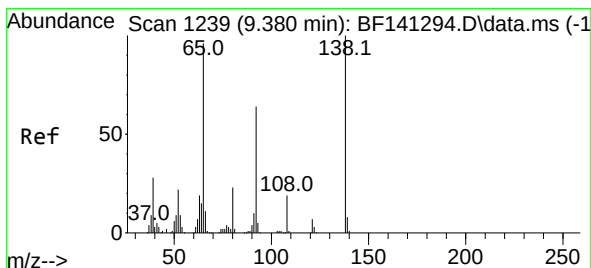
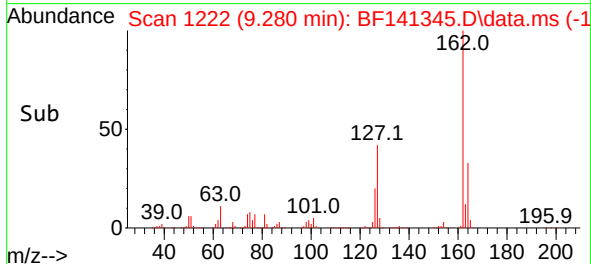
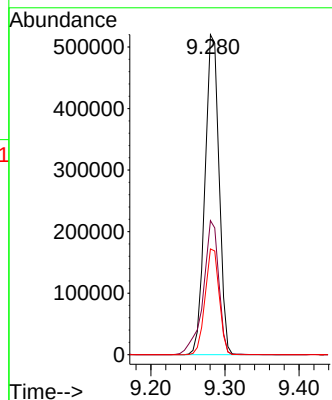
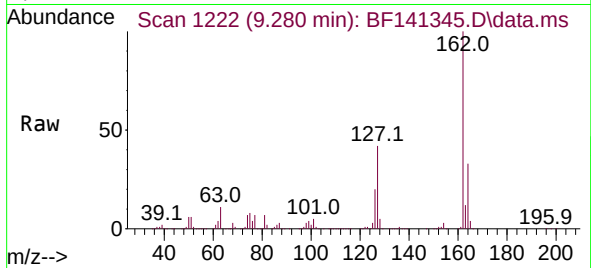




#47
2-Chloronaphthalene
Concen: 36.093 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

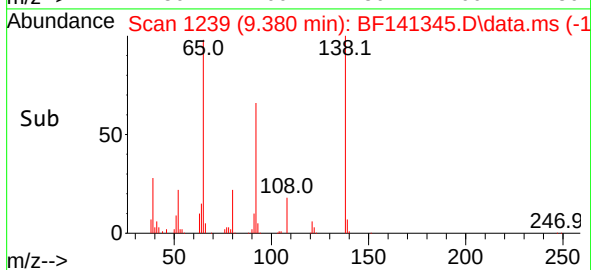
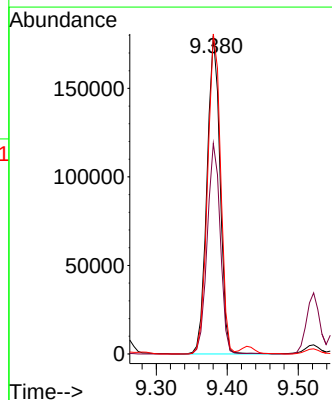
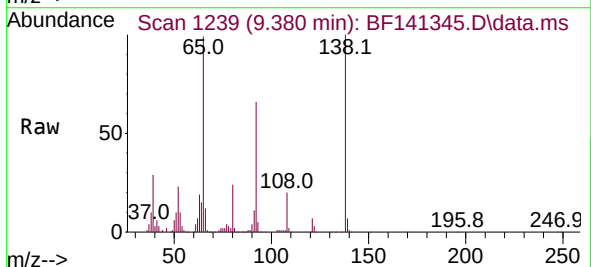
Instrument :
BNA_F
ClientSampleId :
357MS

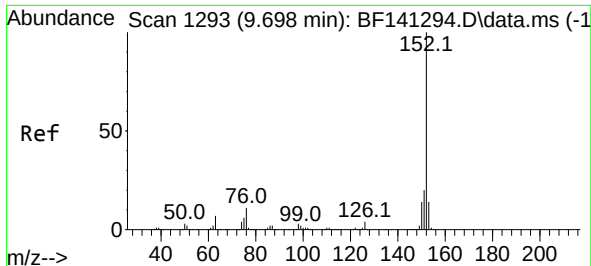
Tgt Ion:162 Resp: 688178
Ion Ratio Lower Upper
162 100
127 41.9 33.7 50.5
164 33.0 25.9 38.9



#48
2-Nitroaniline
Concen: 38.310 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion: 65 Resp: 229753
Ion Ratio Lower Upper
65 100
92 66.2 53.3 79.9
138 100.5 83.6 125.4

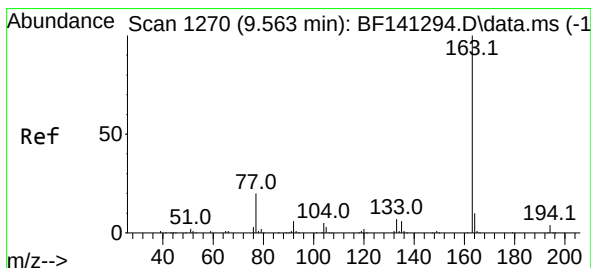
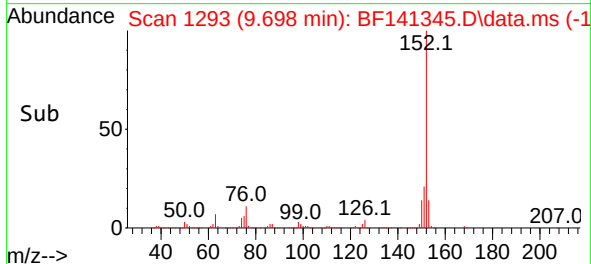
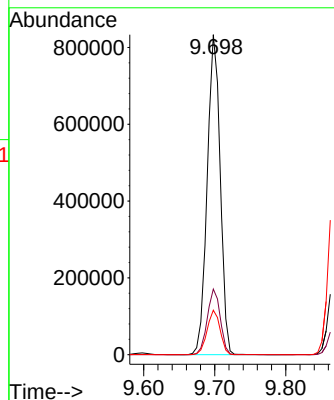
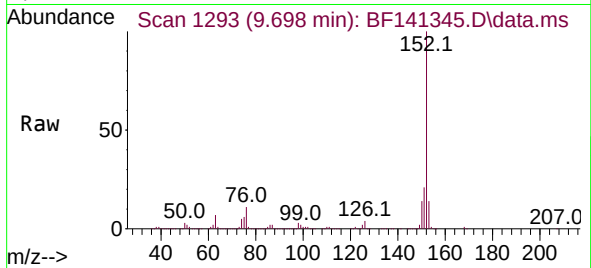




#49
Acenaphthylene
Concen: 39.825 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

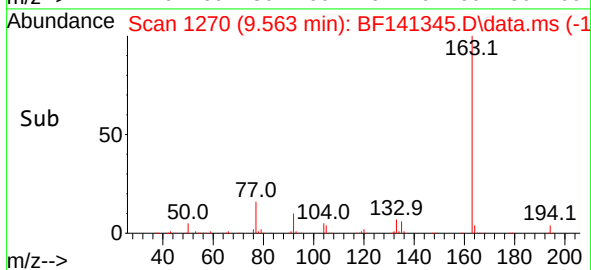
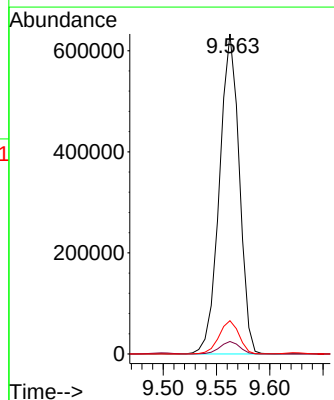
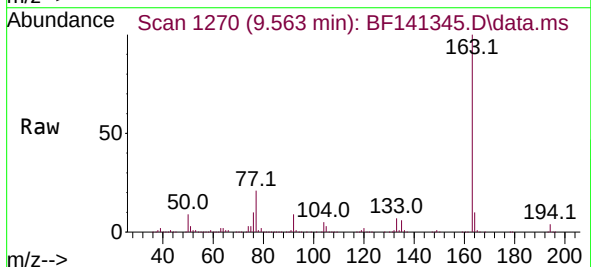
Instrument :
BNA_F
ClientSampleId :
357MS

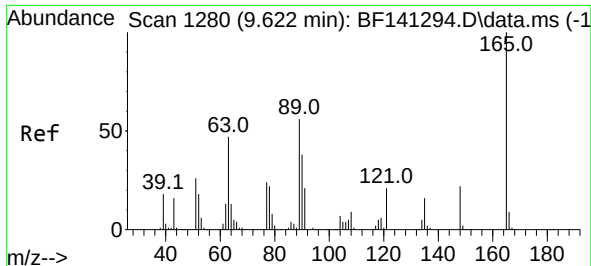
Tgt Ion:152 Resp: 1062919
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.9 11.0 16.6



#50
Dimethylphthalate
Concen: 38.638 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:163 Resp: 818537
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.0 12.0

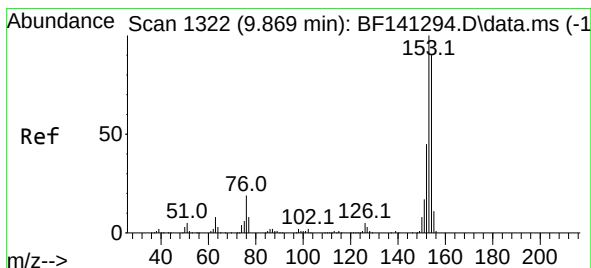
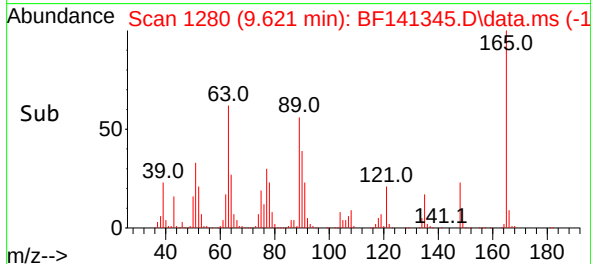
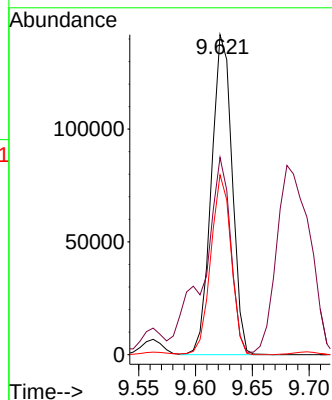
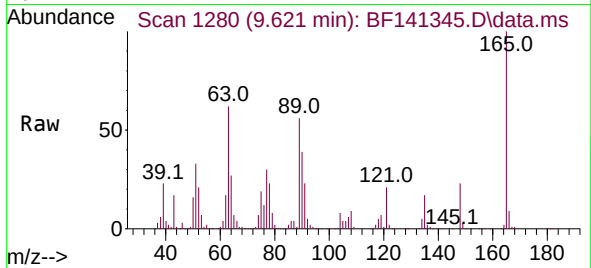




#51
2,6-Dinitrotoluene
Concen: 36.590 ng
RT: 9.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

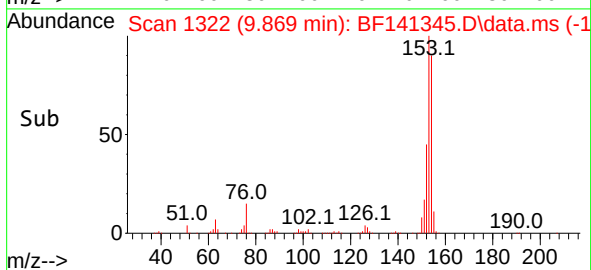
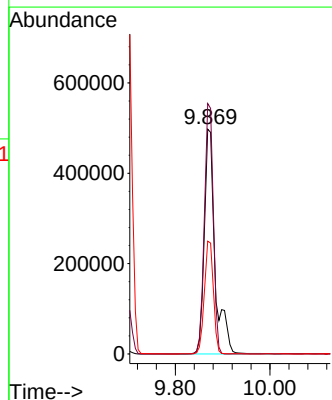
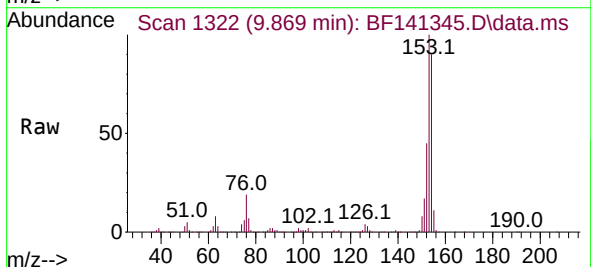
Instrument :
BNA_F
ClientSampleId :
357MS

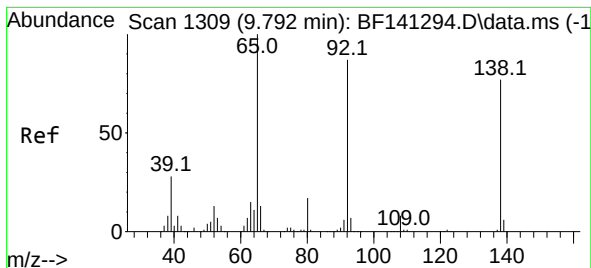
Tgt Ion:165 Resp: 179980
Ion Ratio Lower Upper
165 100
63 61.6 48.1 72.1
89 56.2 44.9 67.3



#52
Acenaphthene
Concen: 41.505 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:154 Resp: 791404
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.4
152 50.2 40.2 60.4





#53

3-Nitroaniline

Concen: 22.633 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

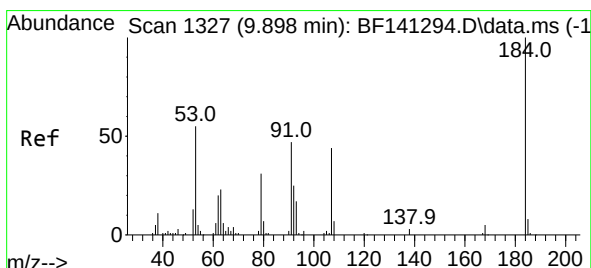
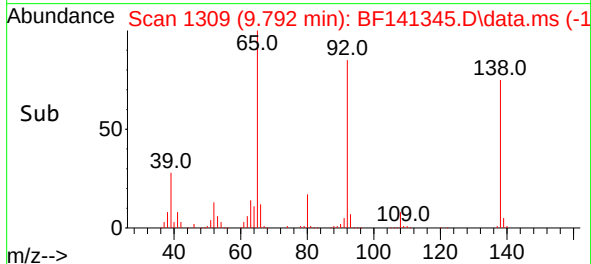
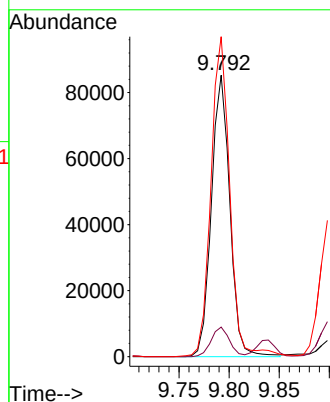
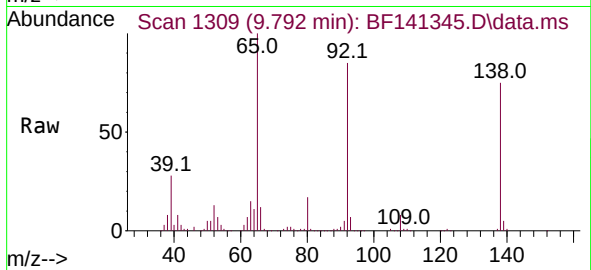
Tgt Ion:138 Resp: 109113

Ion Ratio Lower Upper

138 100

108 10.5 8.6 12.8

92 113.7 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 93.135 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

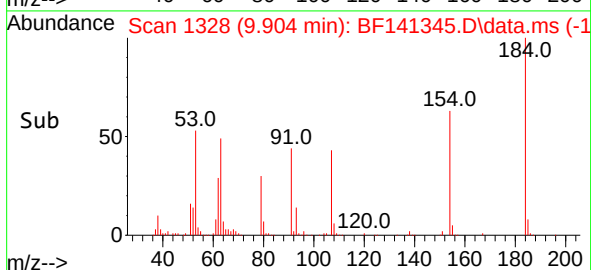
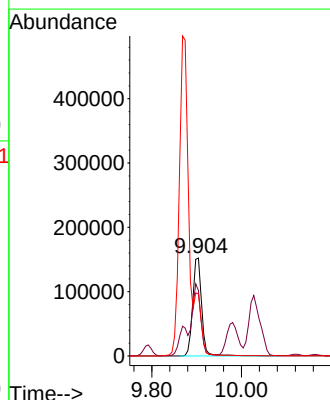
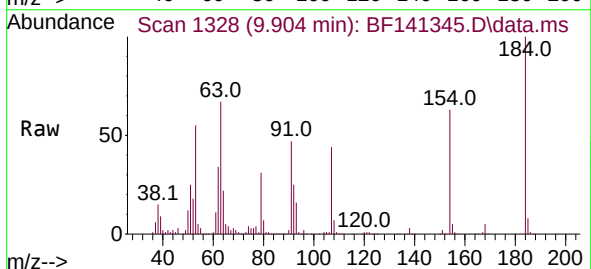
Tgt Ion:184 Resp: 212958

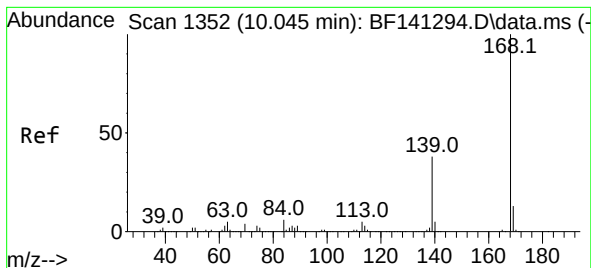
Ion Ratio Lower Upper

184 100

63 66.8 54.1 81.1

154 63.3 50.7 76.1





#55

Dibenzofuran

Concen: 36.797 ng

RT: 10.045 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

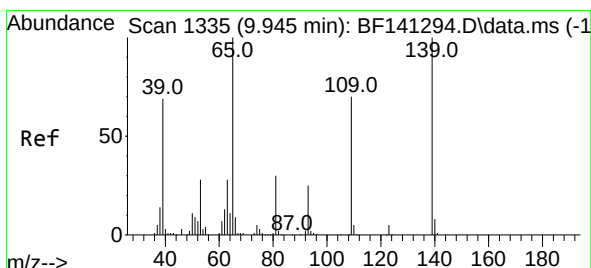
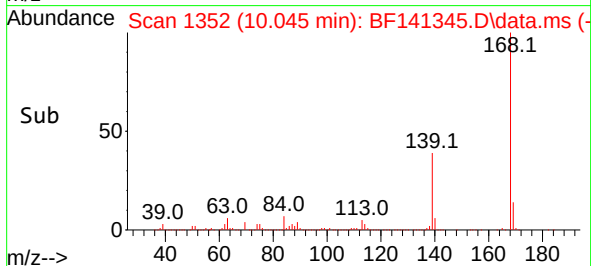
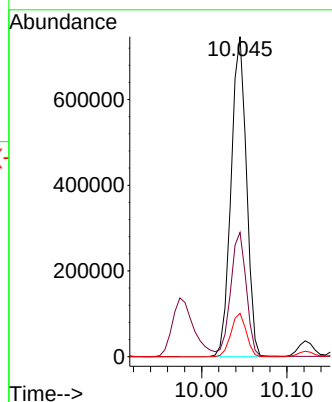
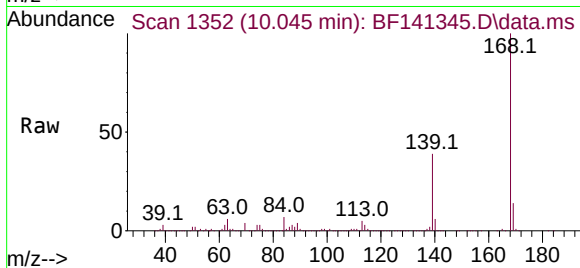
Tgt Ion:168 Resp: 939171

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 68.029 ng

RT: 9.974 min Scan# 1340

Delta R.T. 0.017 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

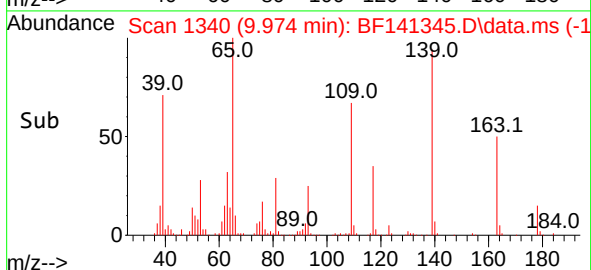
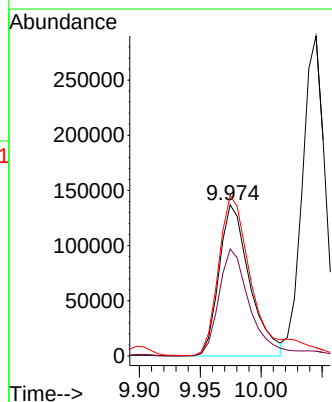
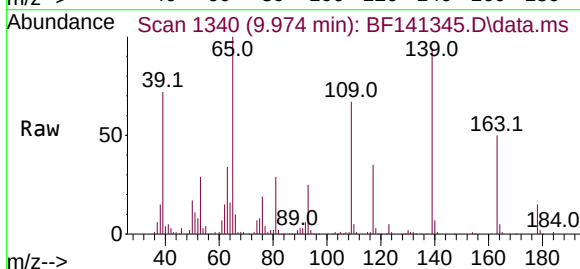
Tgt Ion:139 Resp: 239854

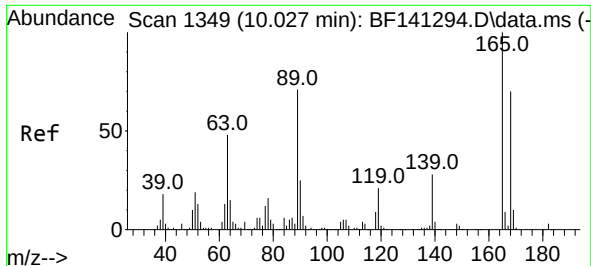
Ion Ratio Lower Upper

139 100

109 70.8 50.2 90.2

65 106.2 80.6 120.6

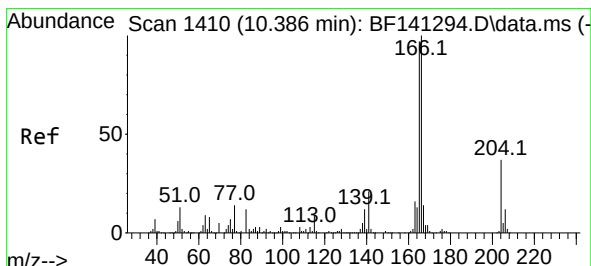
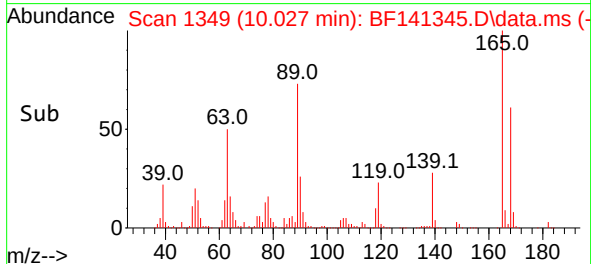
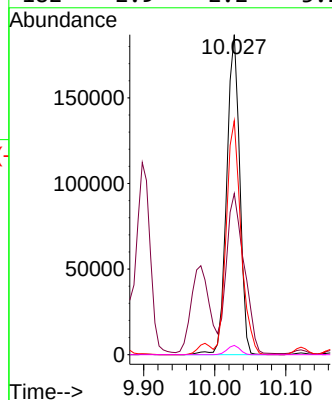
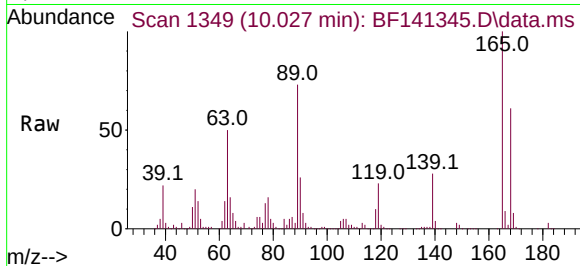




#57
2,4-Dinitrotoluene
Concen: 37.198 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

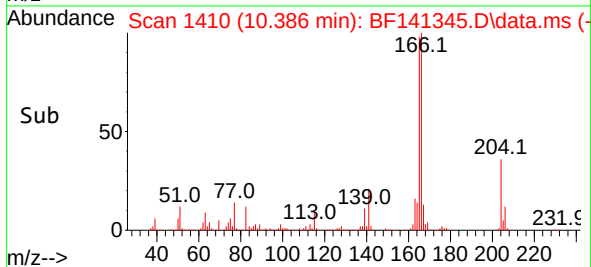
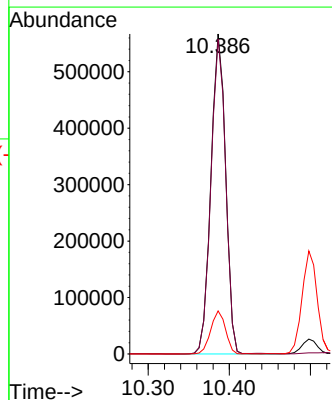
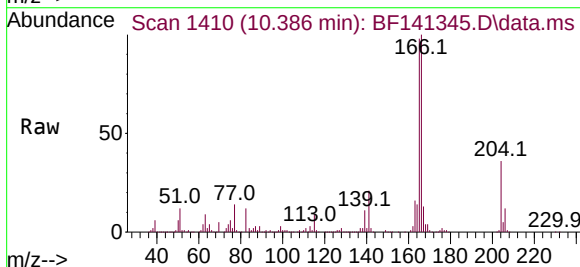
Instrument :
BNA_F
ClientSampleId :
357MS

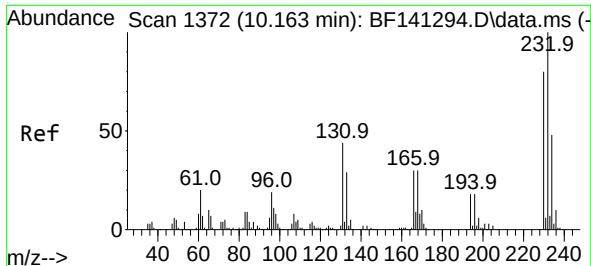
Tgt Ion:165 Resp: 236895
Ion Ratio Lower Upper
165 100
63 50.3 39.2 58.8
89 73.1 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 35.991 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:166 Resp: 712526
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.5 10.9 16.3

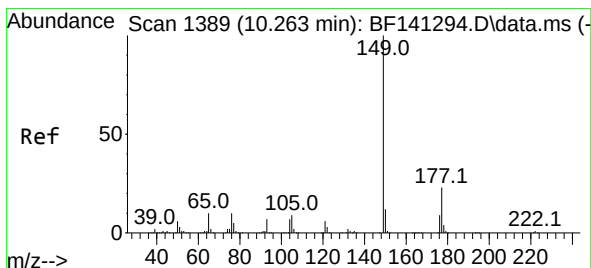
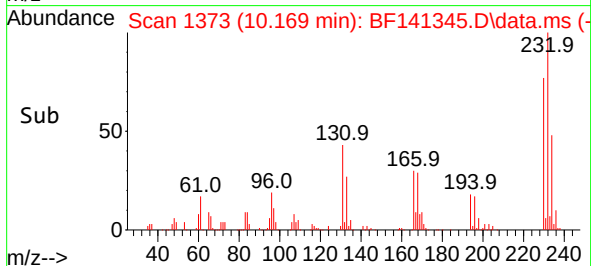
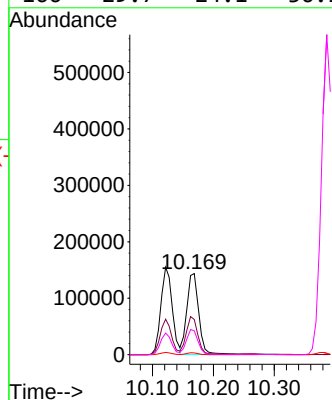
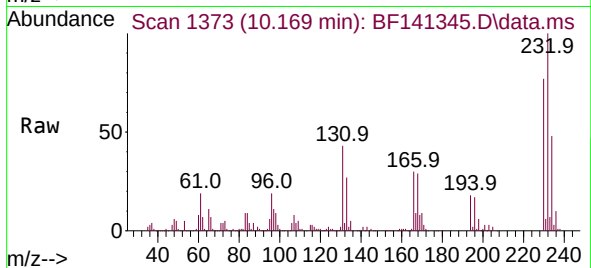




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.268 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

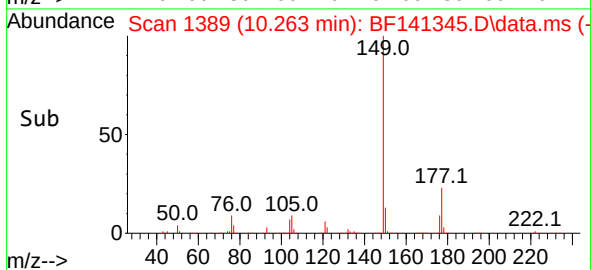
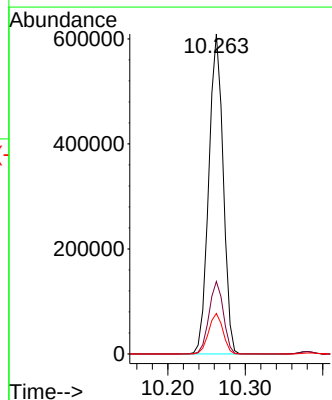
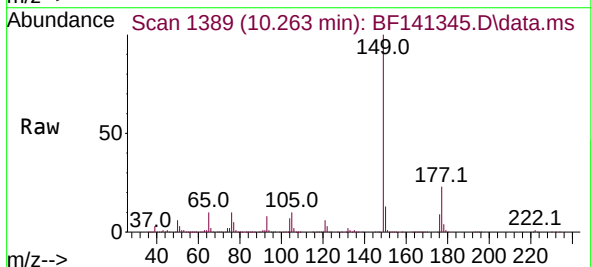
Instrument :
BNA_F
ClientSampleId :
357MS

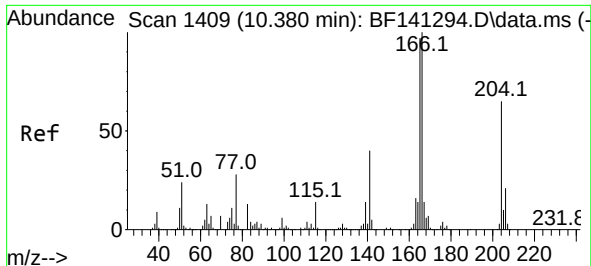
Tgt Ion:232 Resp: 196384
Ion Ratio Lower Upper
232 100
131 45.4 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 38.209 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:149 Resp: 784853
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.7 10.0 15.0

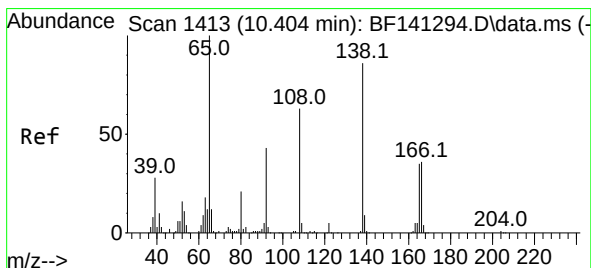
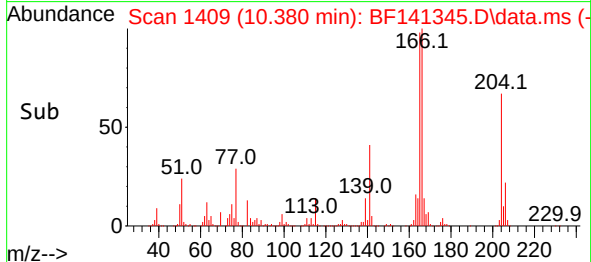
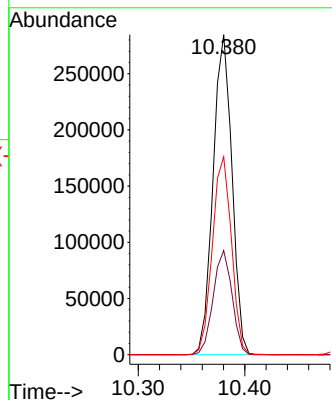
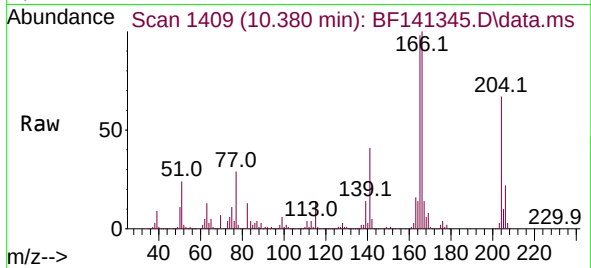




#61
4-Chlorophenyl-phenylether
Concen: 36.192 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

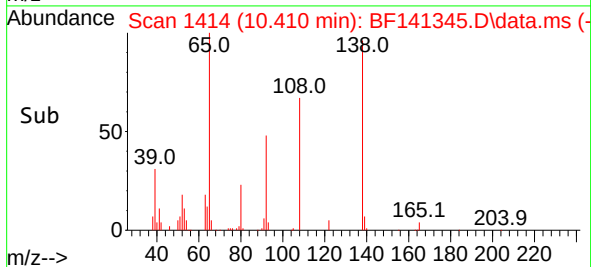
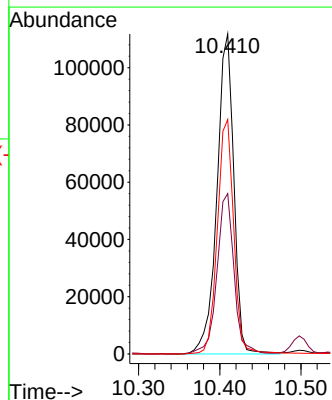
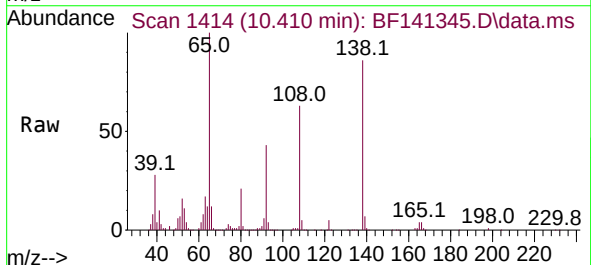
Instrument :
BNA_F
ClientSampleId :
357MS

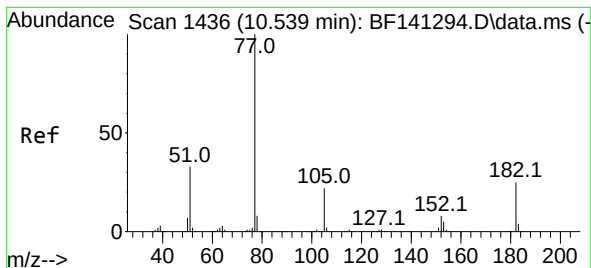
Tgt Ion:204 Resp: 349993
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.9 49.5 74.3



#62
4-Nitroaniline
Concen: 34.148 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:138 Resp: 161854
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 73.2 53.1 93.1





#63

Azobenzene

Concen: 41.435 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

Tgt Ion: 77 Resp: 851960

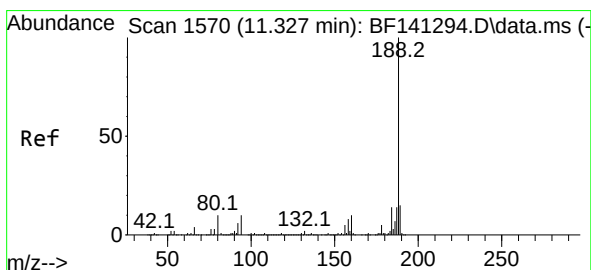
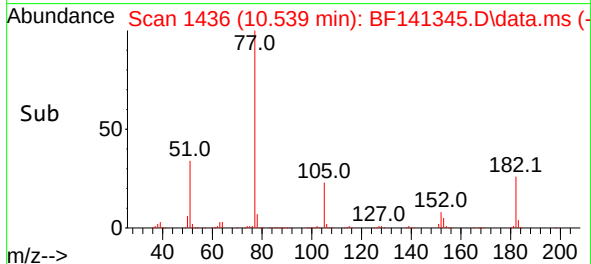
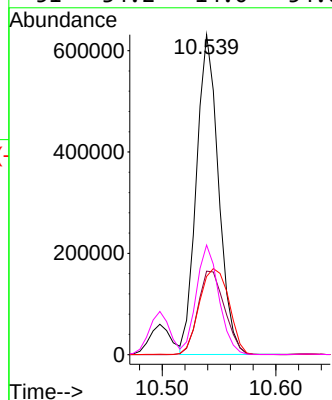
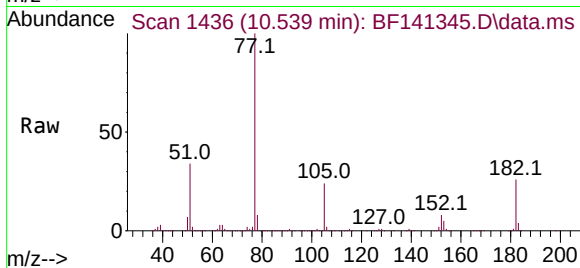
Ion Ratio Lower Upper

77 100

182 26.1 5.1 45.1

105 24.5 1.8 41.8

51 34.2 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

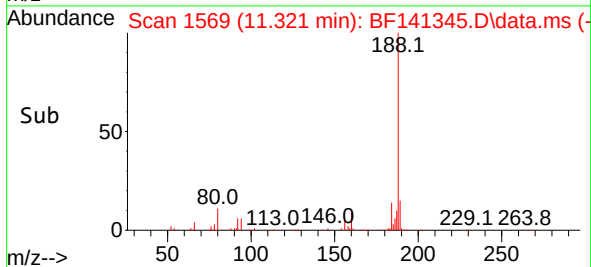
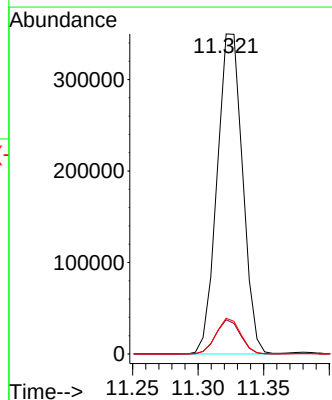
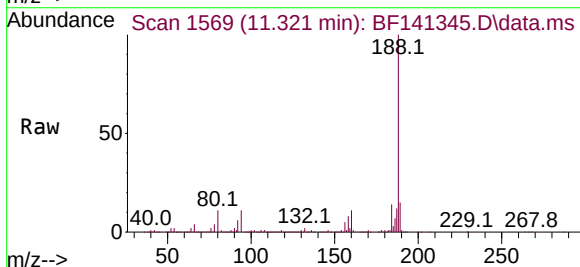
Tgt Ion:188 Resp: 473142

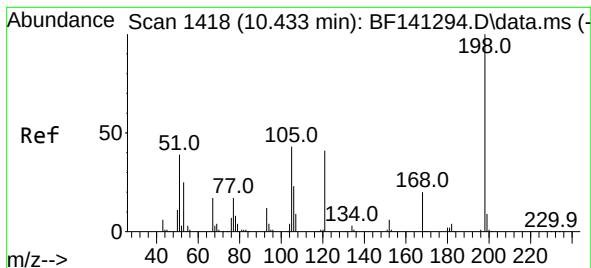
Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.2 8.2 12.4

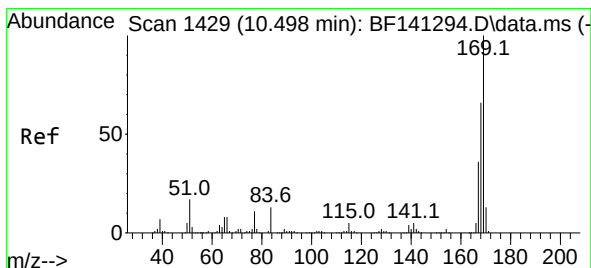
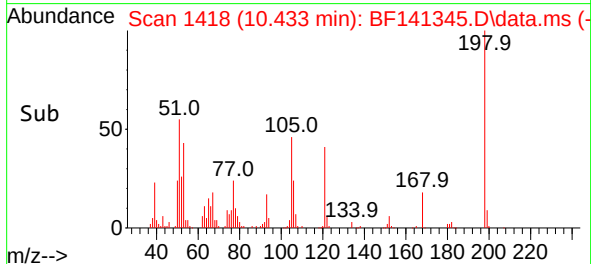
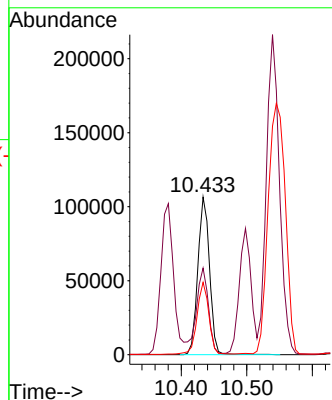
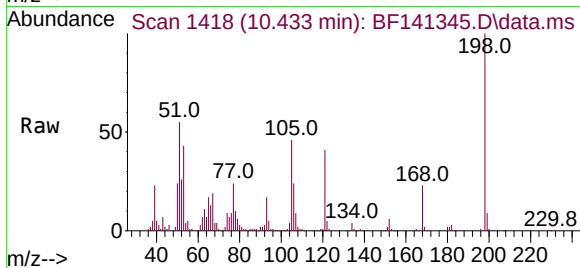




#65
4,6-Dinitro-2-methylphenol
Concen: 47.245 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

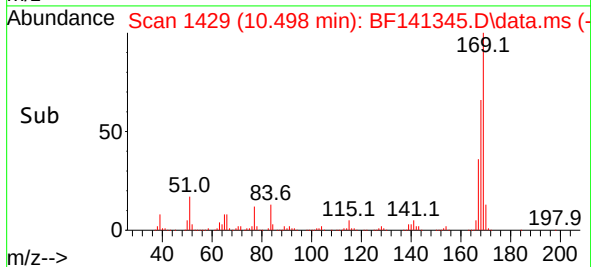
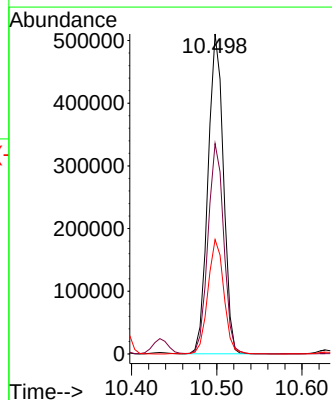
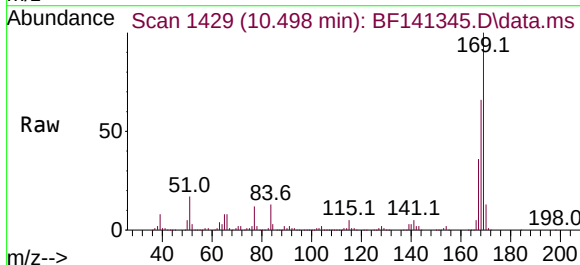
Instrument :
BNA_F
ClientSampleId :
357MS

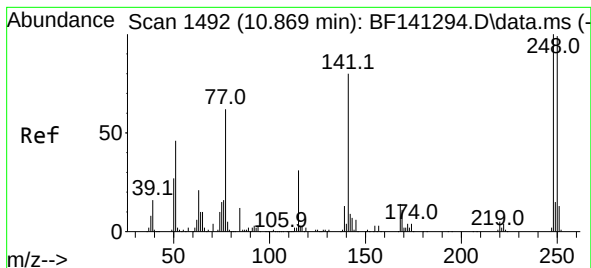
Tgt Ion:198 Resp: 132221
Ion Ratio Lower Upper
198 100
51 54.9 33.4 73.4
105 45.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 41.957 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:169 Resp: 642080
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 35.8 28.8 43.2

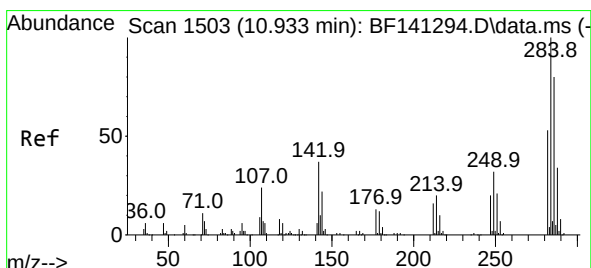
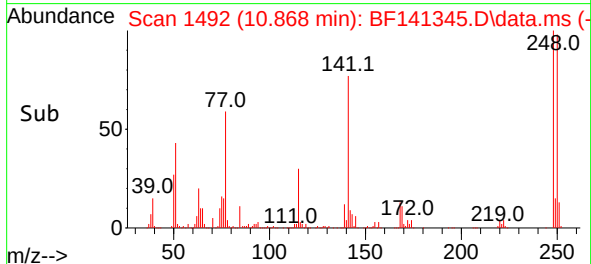
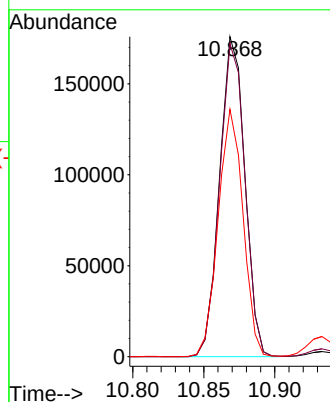
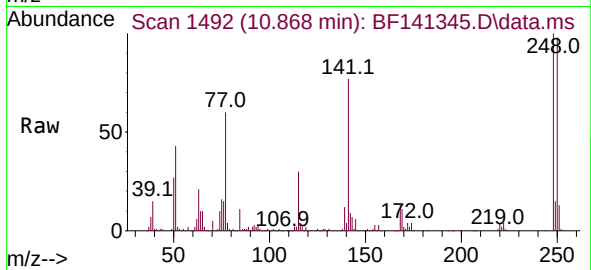




#67
4-Bromophenyl-phenylether
Concen: 41.124 ng
RT: 10.868 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

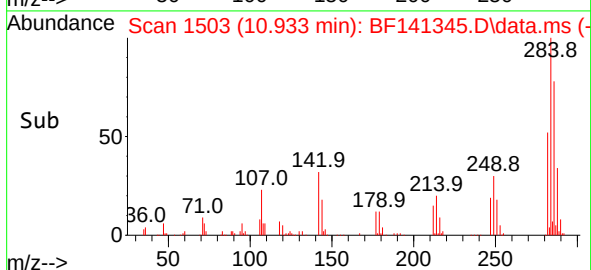
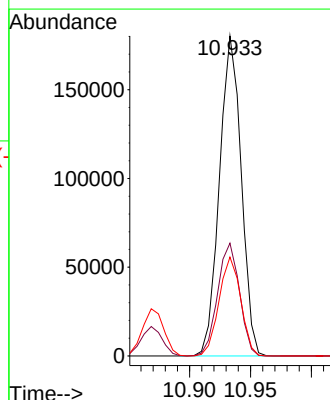
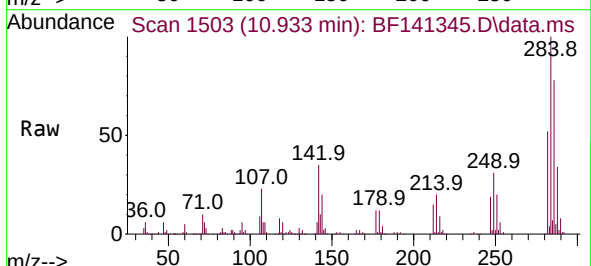
Instrument :
BNA_F
ClientSampleId :
357MS

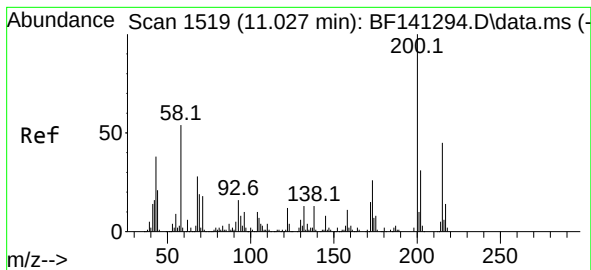
Tgt Ion:248 Resp: 217834
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 77.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 39.975 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:284 Resp: 224609
Ion Ratio Lower Upper
284 100
142 35.3 29.5 44.3
249 30.9 25.4 38.2





#69

Atrazine

Concen: 44.300 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

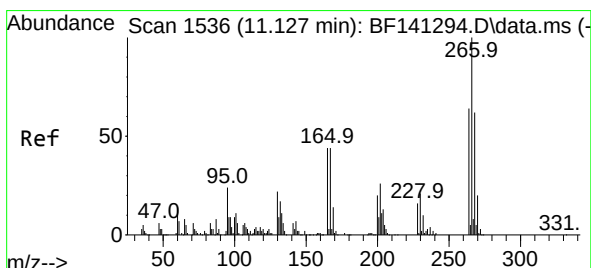
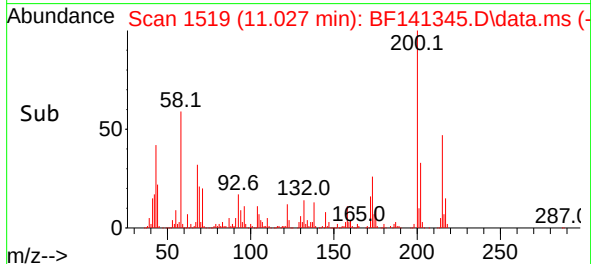
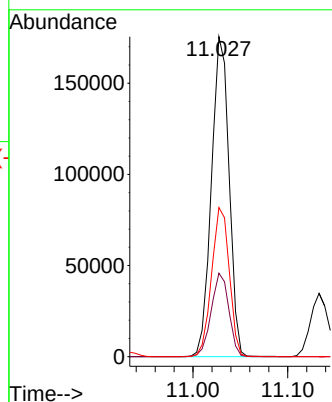
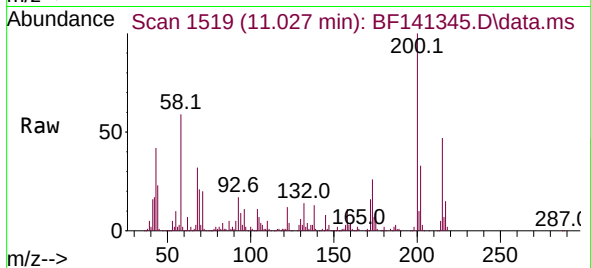
Tgt Ion:200 Resp: 226664

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

215 46.6 25.2 65.2



#70

Pentachlorophenol

Concen: 76.609 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

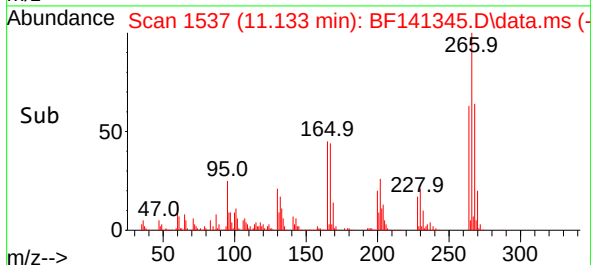
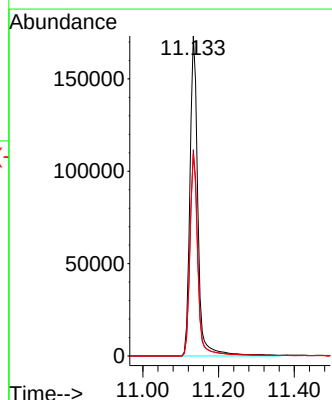
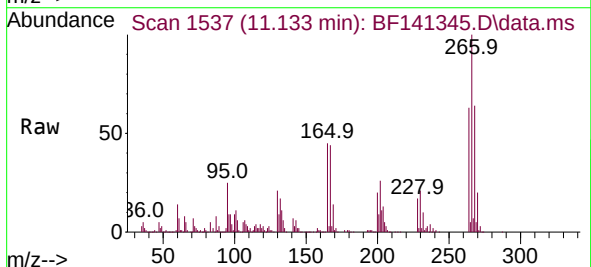
Tgt Ion:266 Resp: 252064

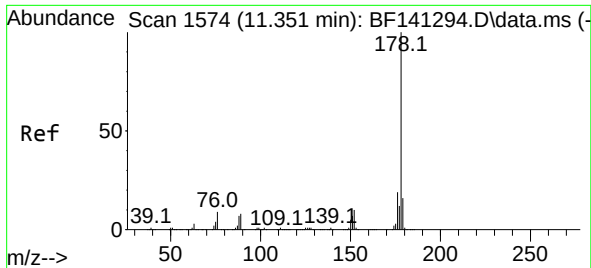
Ion Ratio Lower Upper

266 100

268 64.5 49.9 74.9

264 63.1 51.0 76.4

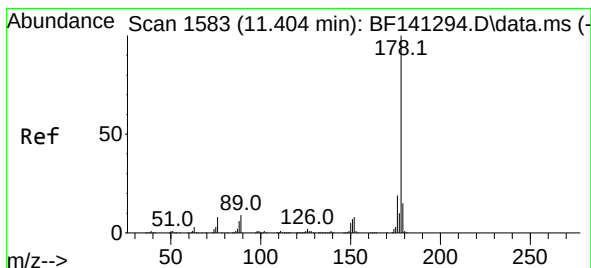
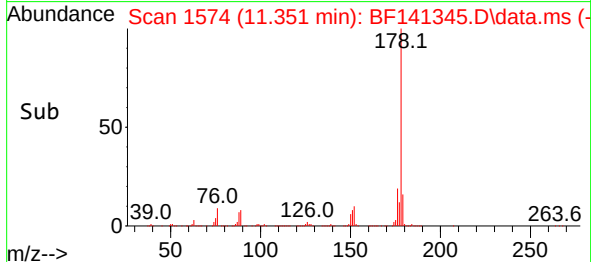
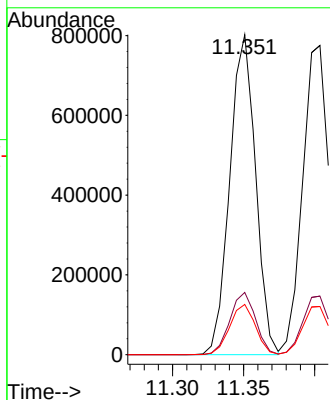
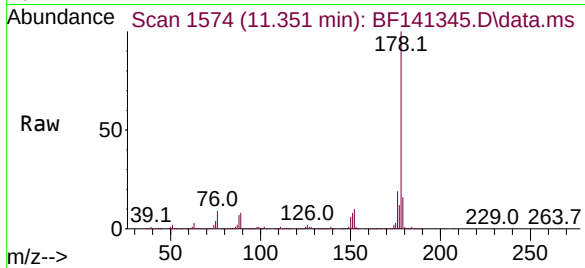




#71
Phenanthrene
Concen: 39.897 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

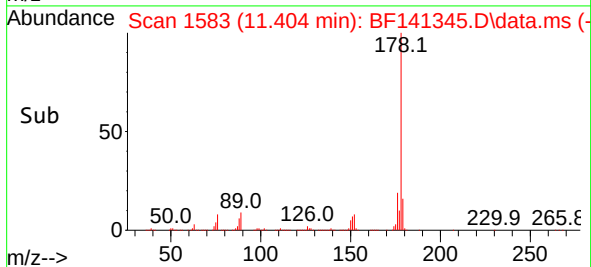
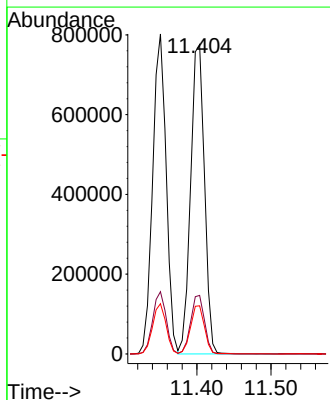
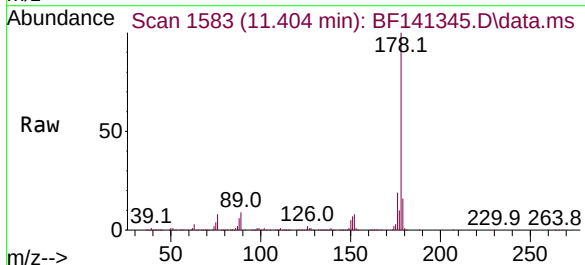
Instrument :
BNA_F
ClientSampleId :
357MS

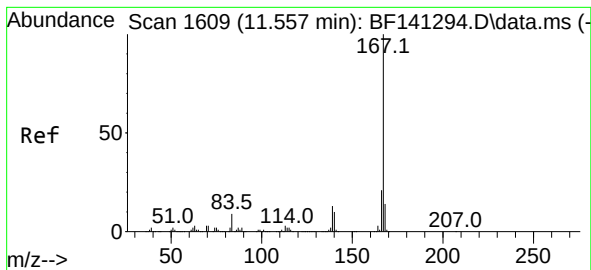
Tgt Ion:178 Resp: 1014716
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 40.409 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:178 Resp: 1006998
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.3 18.5

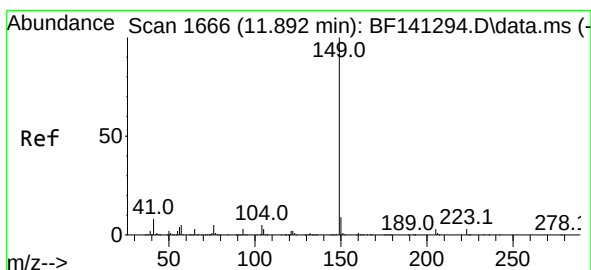
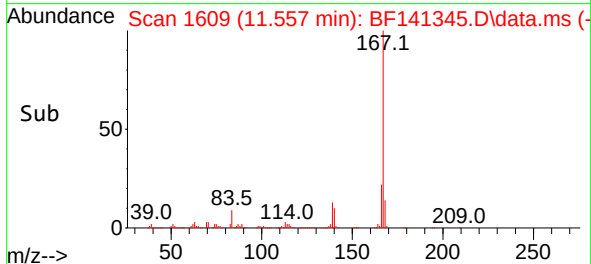
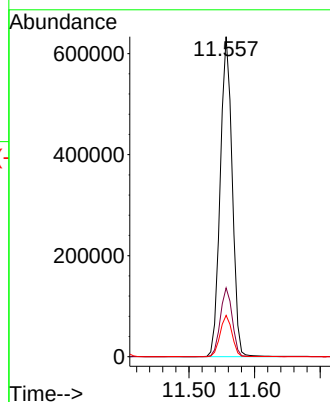
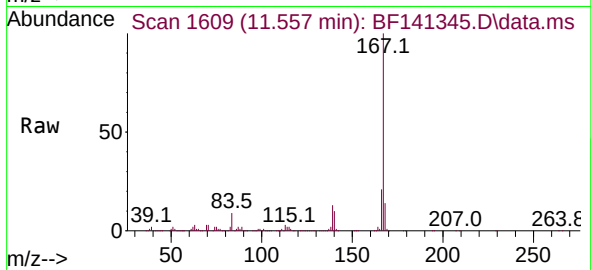




#73
Carbazole
Concen: 36.217 ng
RT: 11.557 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

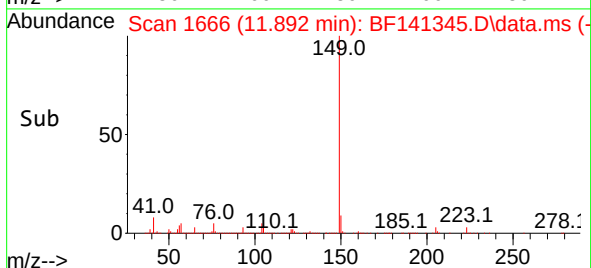
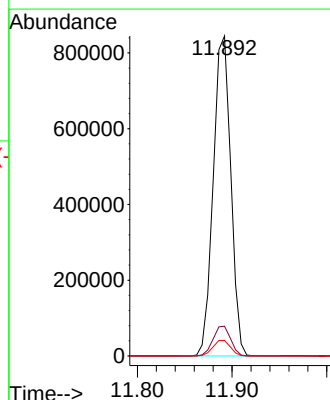
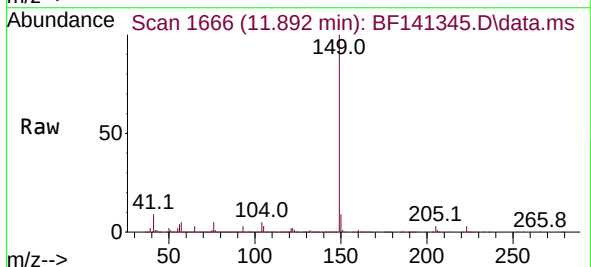
Instrument :
BNA_F
ClientSampleId :
357MS

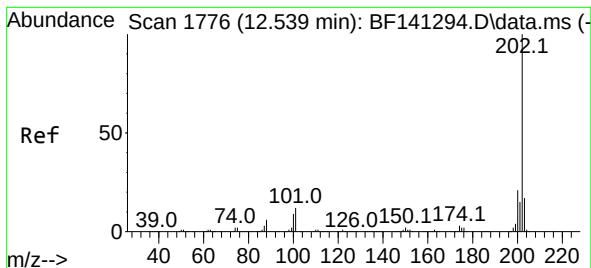
Tgt Ion:167 Resp: 800284
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.9 10.6 16.0



#74
Di-n-butylphthalate
Concen: 40.554 ng
RT: 11.892 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:149 Resp: 1086017
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 35.790 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

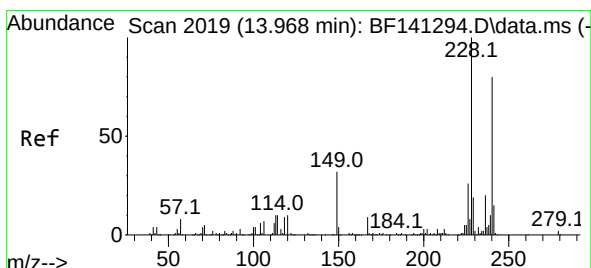
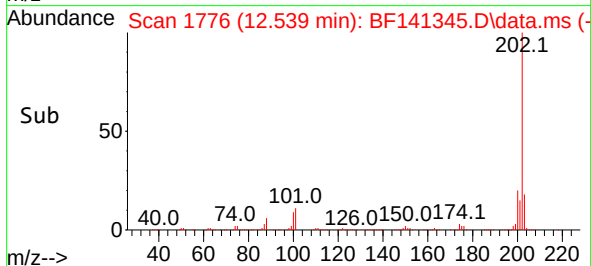
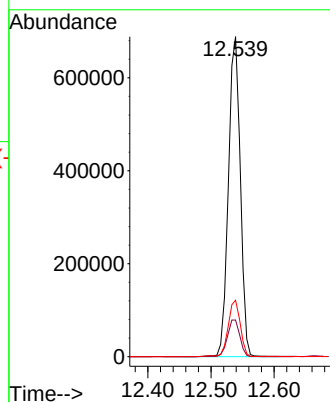
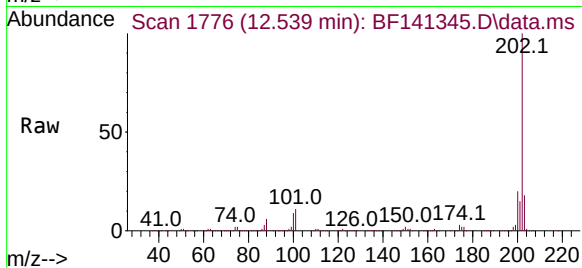
Tgt Ion:202 Resp: 898790

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.7

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

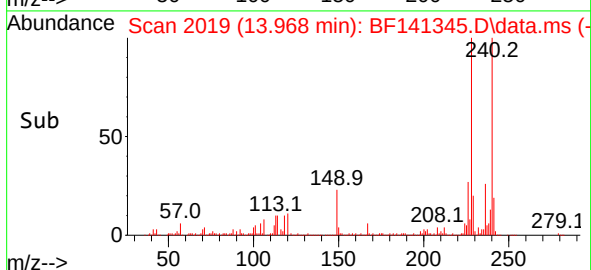
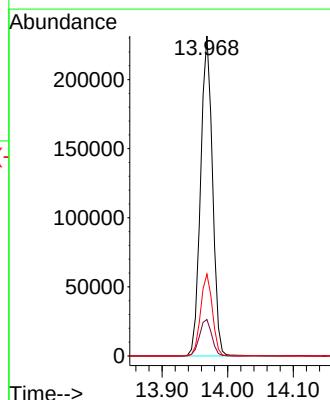
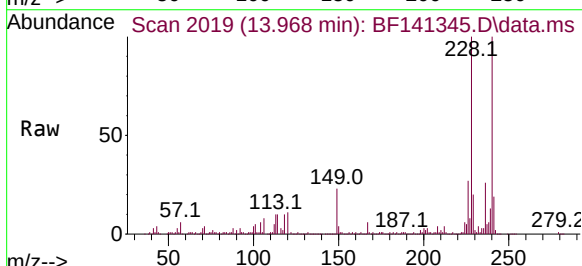
Tgt Ion:240 Resp: 293043

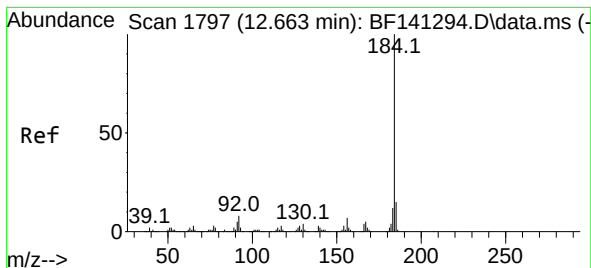
Ion Ratio Lower Upper

240 100

120 11.4 10.0 15.0

236 25.6 19.7 29.5





#77

Benzidine

Concen: 37.728 ng

RT: 12.662 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

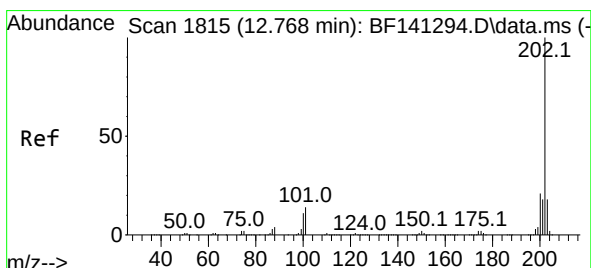
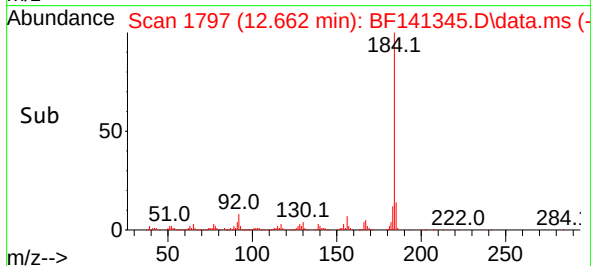
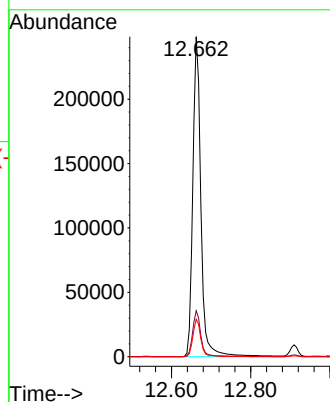
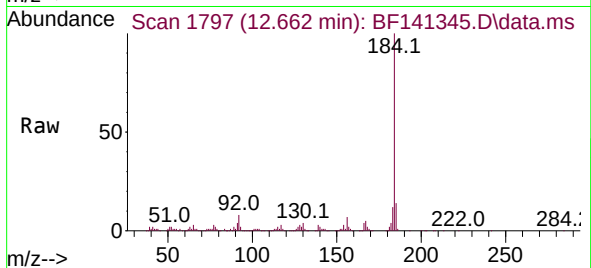
Tgt Ion:184 Resp: 354432

Ion Ratio Lower Upper

184 100

185 14.3 11.9 17.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 31.552 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

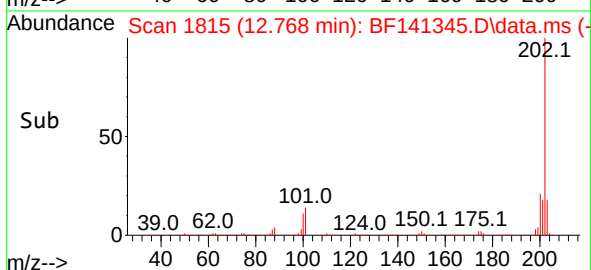
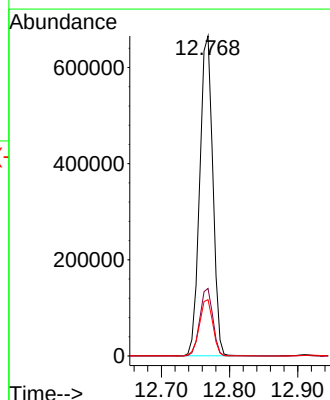
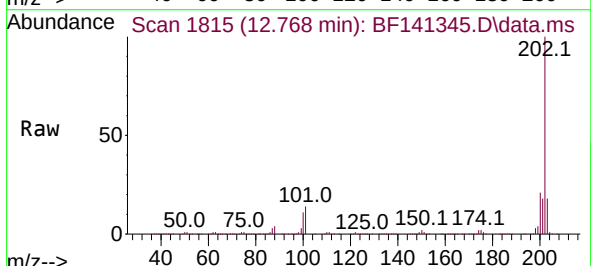
Tgt Ion:202 Resp: 887523

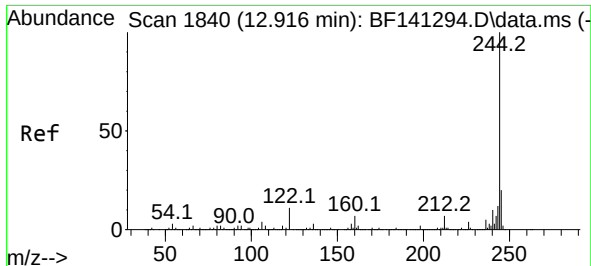
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.6 14.3 21.5

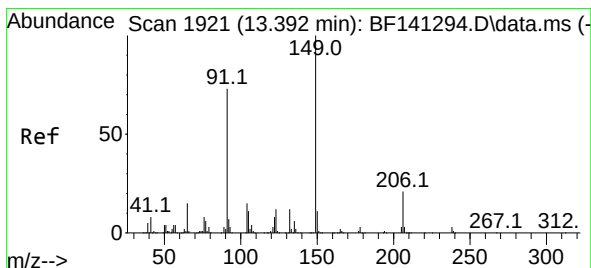
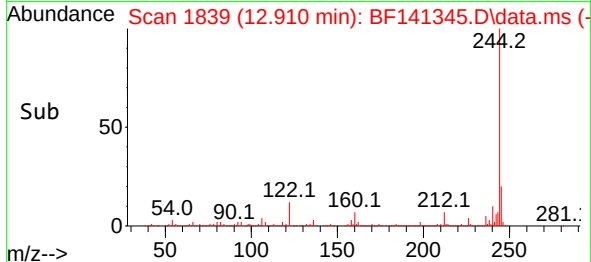
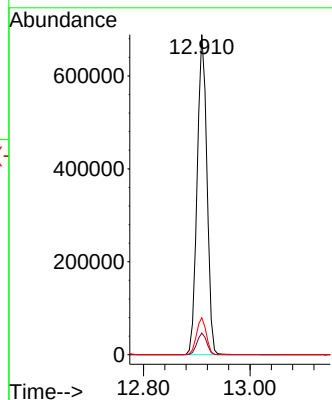
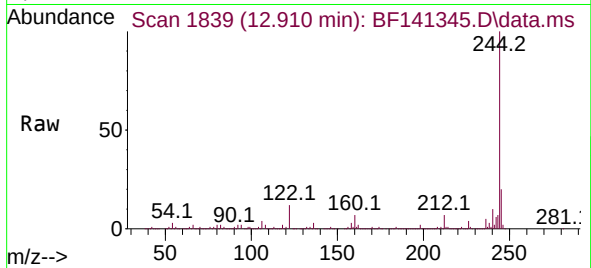




#79
 Terphenyl-d14
 Concen: 46.027 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141345.D
 Acq: 31 Jan 2025 21:23

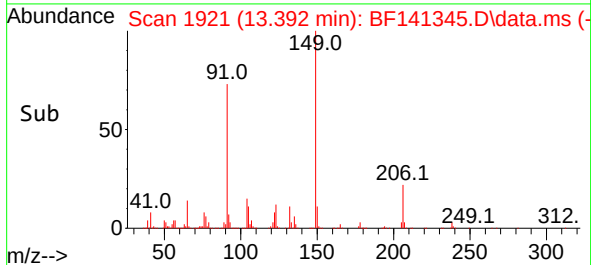
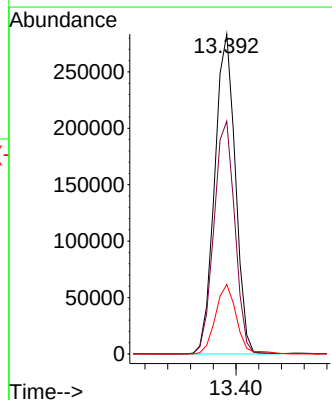
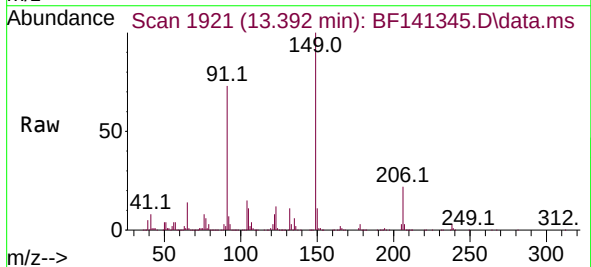
Instrument :
 BNA_F
 ClientSampleId :
 357MS

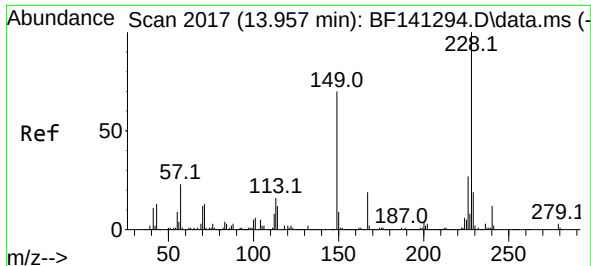
Tgt Ion:244 Resp: 874602
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 36.444 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141345.D
 Acq: 31 Jan 2025 21:23

Tgt Ion:149 Resp: 358143
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.6 87.8
 206 21.7 16.7 25.1

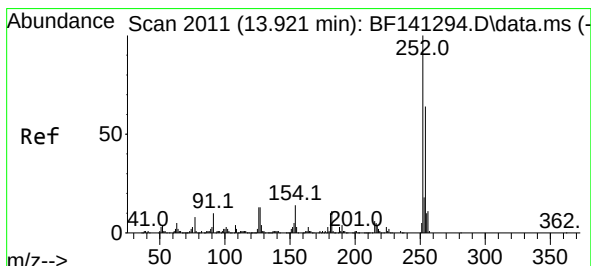
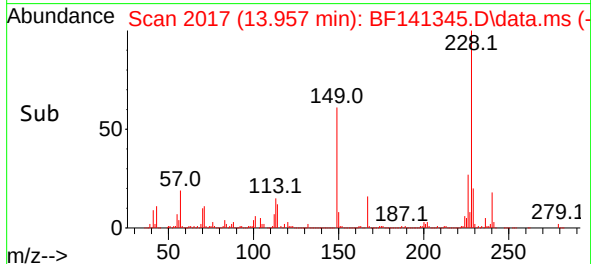
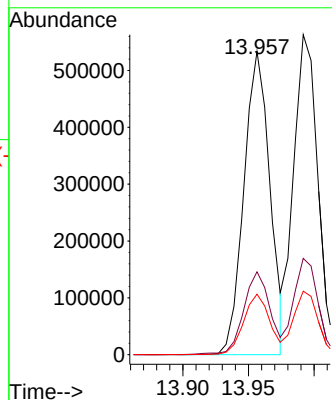
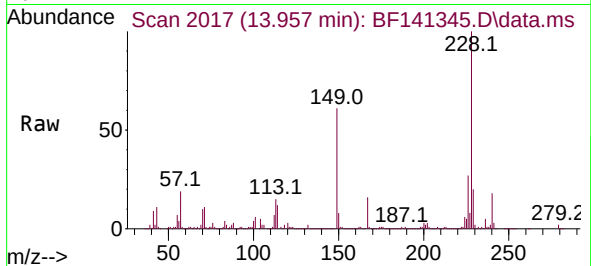




#81
Benzo(a)anthracene
Concen: 36.408 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

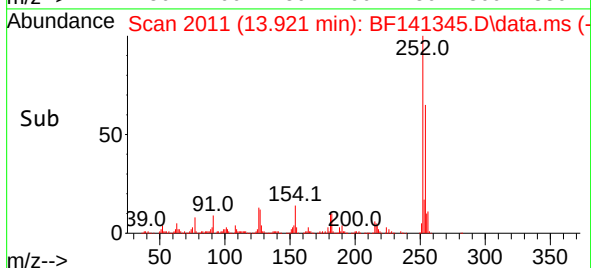
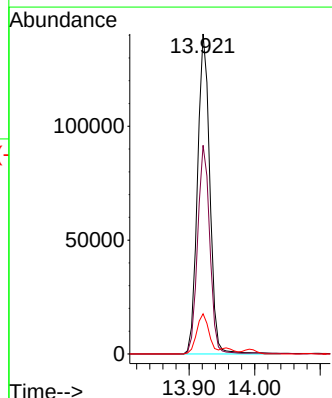
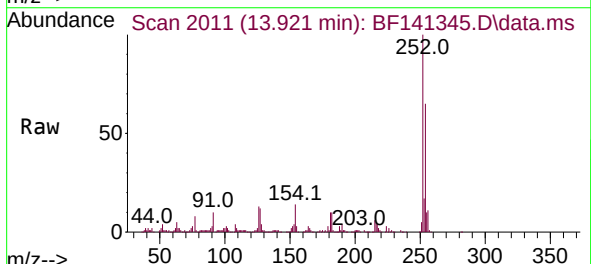
Instrument :
BNA_F
ClientSampleId :
357MS

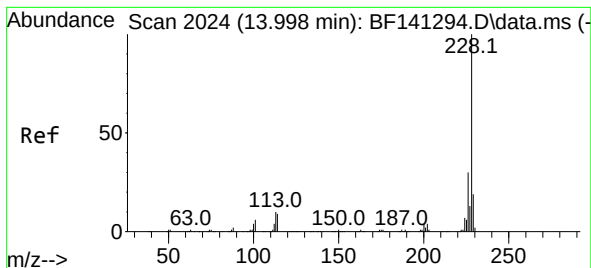
Tgt Ion:228 Resp: 736238
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 28.589 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:252 Resp: 183871
Ion Ratio Lower Upper
252 100
254 65.2 51.3 76.9
126 12.6 10.0 15.0





#83

Chrysene

Concen: 38.560 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

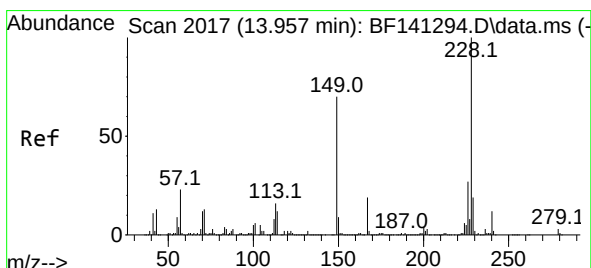
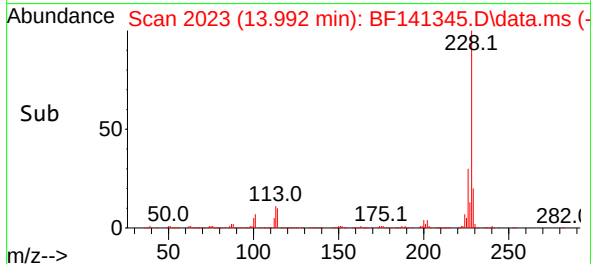
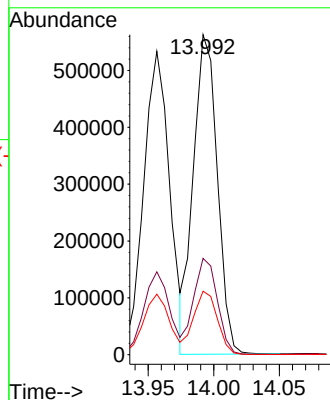
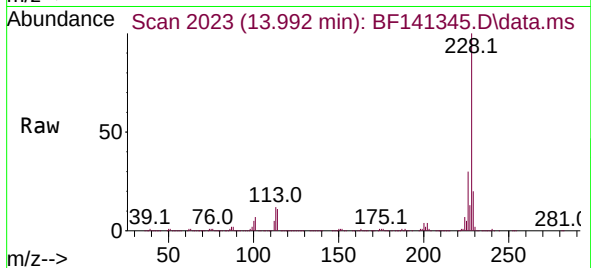
Tgt Ion:228 Resp: 714615

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.934 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

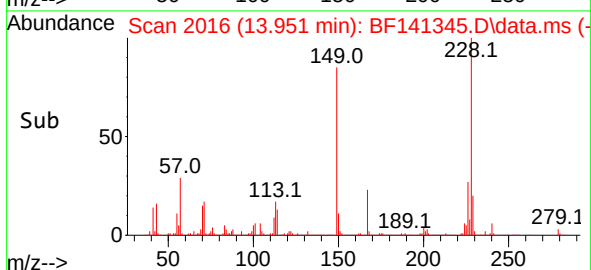
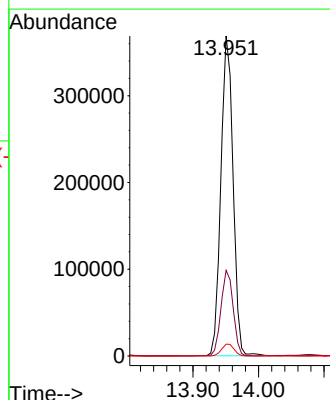
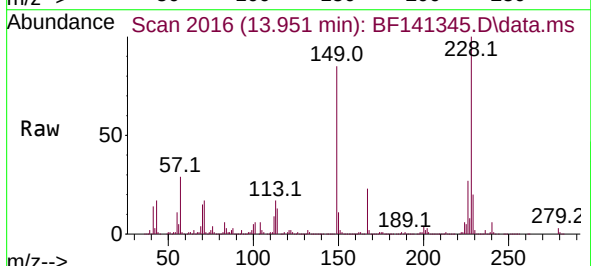
Tgt Ion:149 Resp: 472896

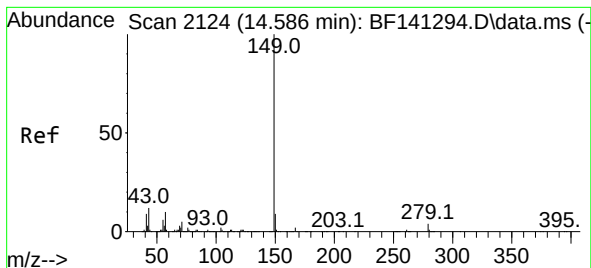
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.490 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

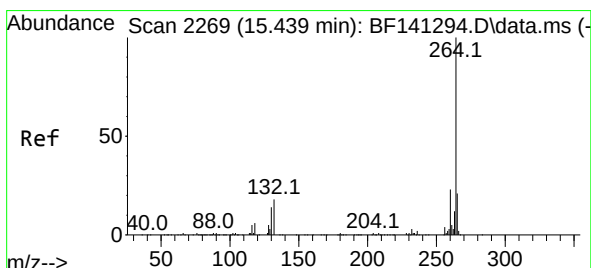
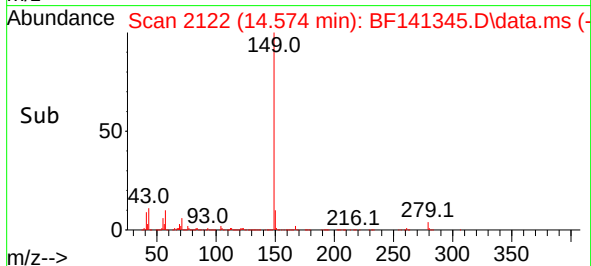
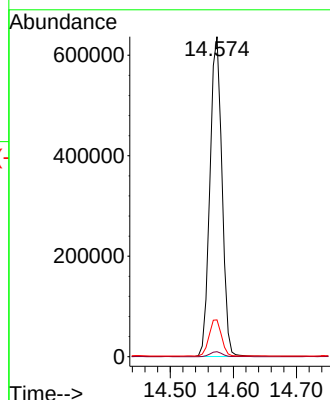
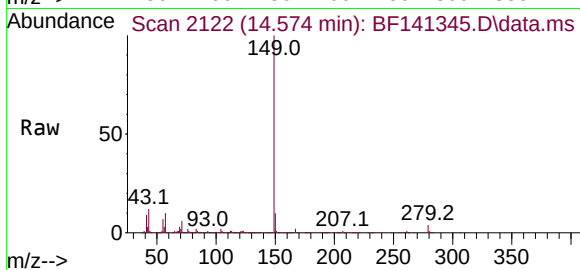
Tgt Ion:149 Resp: 842065

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.9 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

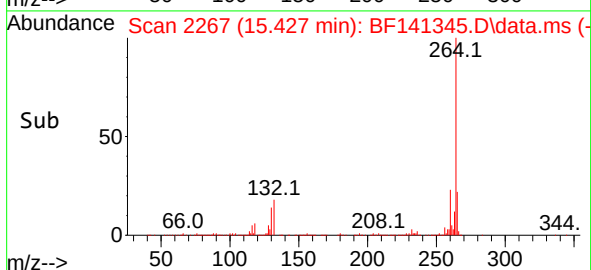
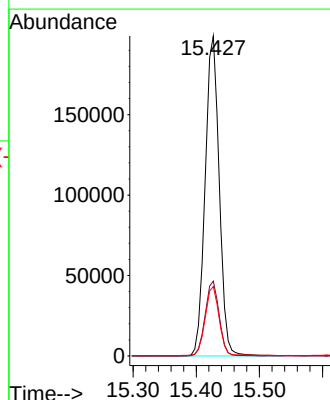
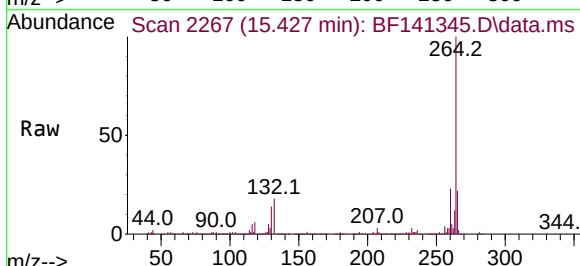
Tgt Ion:264 Resp: 307605

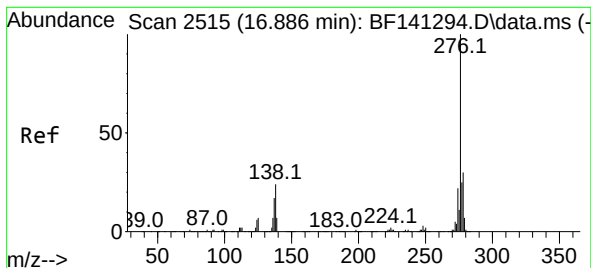
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.643 ng

RT: 16.868 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

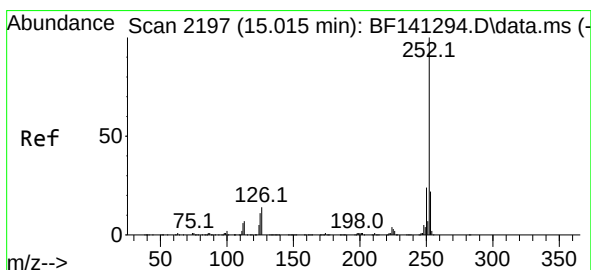
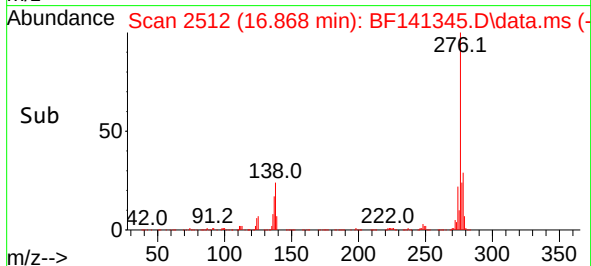
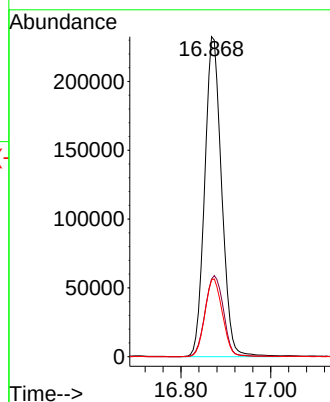
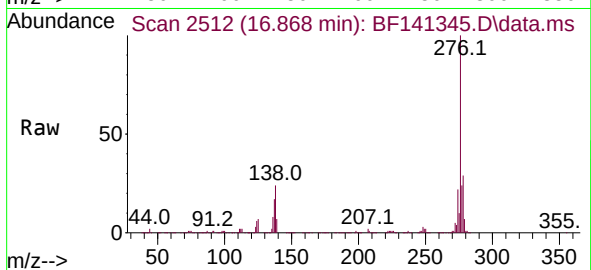
Tgt Ion:276 Resp: 608369

Ion Ratio Lower Upper

276 100

138 27.7 21.7 32.5

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.754 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

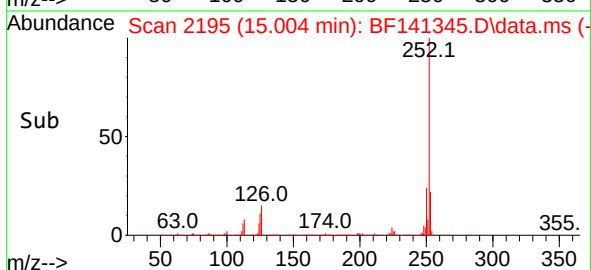
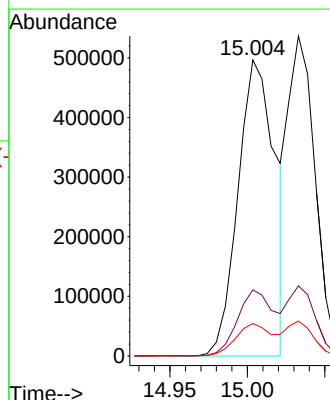
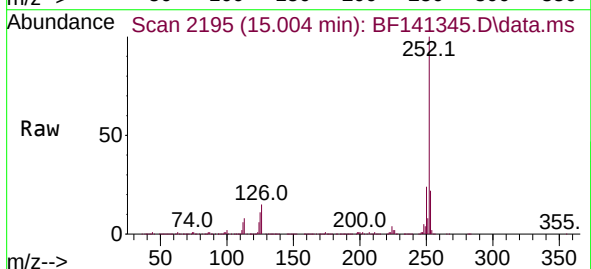
Tgt Ion:252 Resp: 827249

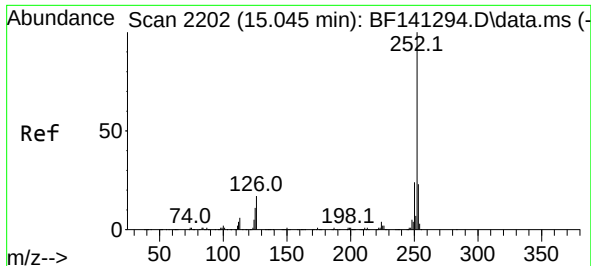
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 11.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 37.852 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

Instrument :

BNA_F

ClientSampleId :

357MS

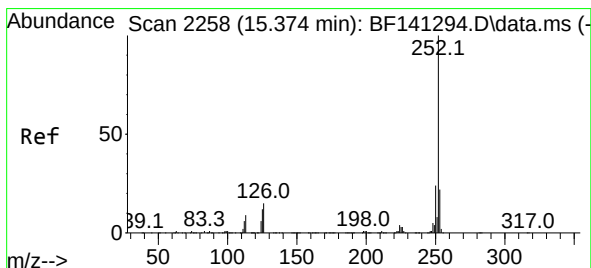
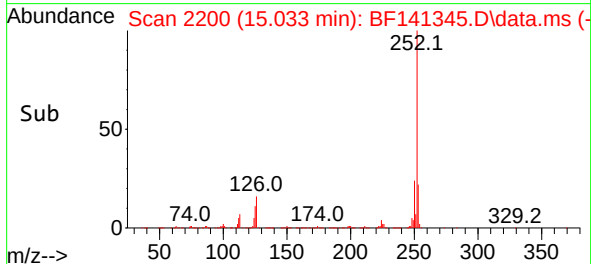
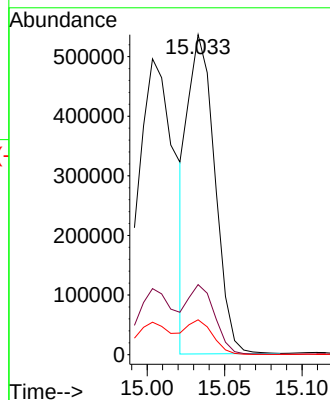
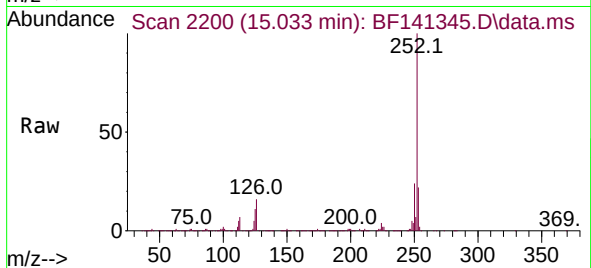
Tgt Ion:252 Resp: 648817

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.9 8.4 12.6



#90

Benzo(a)pyrene

Concen: 42.094 ng

RT: 15.368 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF141345.D

Acq: 31 Jan 2025 21:23

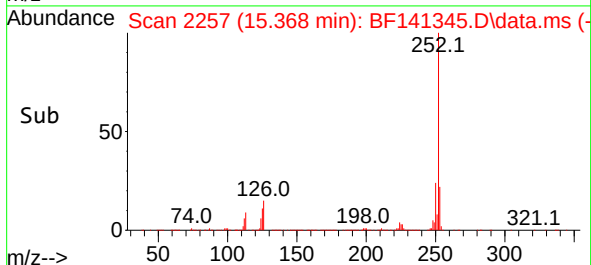
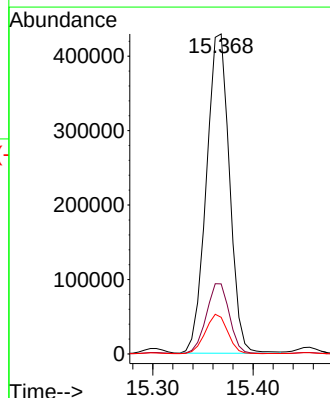
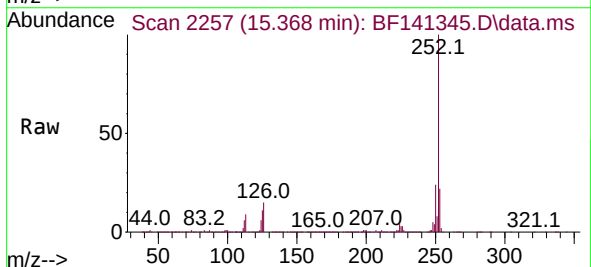
Tgt Ion:252 Resp: 688279

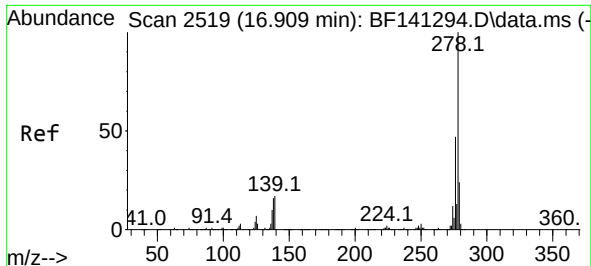
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.4 9.4 14.2

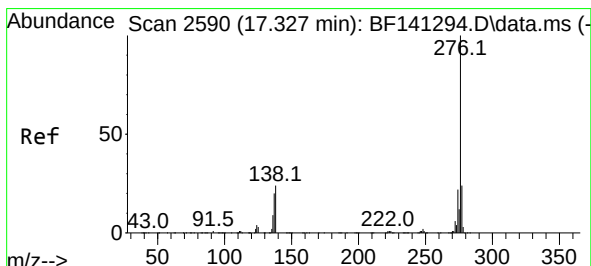
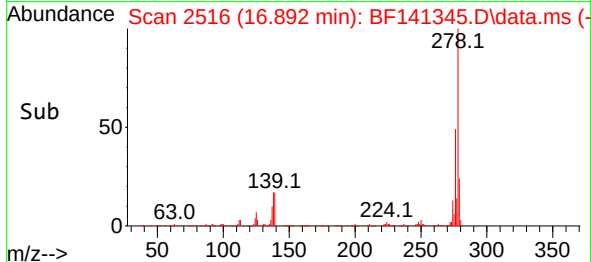
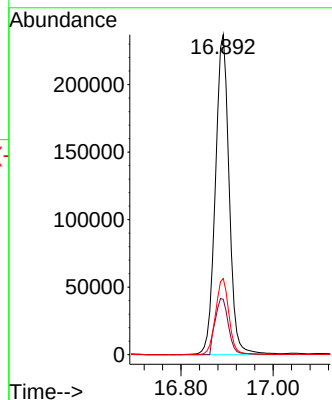
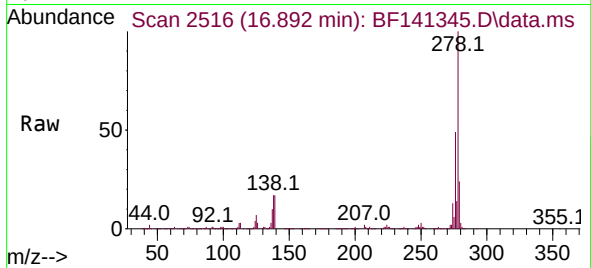




#91
Dibenzo(a,h)anthracene
Concen: 30.801 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Instrument :
BNA_F
ClientSampleId :
357MS

Tgt Ion:278 Resp: 491983
Ion Ratio Lower Upper
278 100
139 17.3 13.9 20.9
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 27.104 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.036 min
Lab File: BF141345.D
Acq: 31 Jan 2025 21:23

Tgt Ion:276 Resp: 450156
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.0 19.0 28.4

