

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140019.D
 Acq On : 24 Oct 2024 23:54
 Operator : RC/JU
 Sample : P4487-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F27MS

Quant Time: Oct 25 01:10:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80122	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	300310	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	157173	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	235869	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144960	20.000	ng	0.00
86) Perylene-d12	15.527	264	189728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	500605	97.812	ng	0.01
7) Phenol-d6	6.510	99	634531	95.725	ng	0.00
23) Nitrobenzene-d5	7.451	82	413153	76.249	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	161381	109.772	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	695967	73.182	ng	0.00
79) Terphenyl-d14	12.992	244	501785	56.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	96074	40.261	ng	97
3) Pyridine	3.487	79	247882	41.908	ng	98
4) n-Nitrosodimethylamine	3.440	42	151099	47.547	ng	93
6) Aniline	6.551	93	228892	37.051	ng	100
8) 2-Chlorophenol	6.675	128	262502	50.171	ng	97
9) Benzaldehyde	6.440	77	54655	14.657	ng	99
10) Phenol	6.528	94	338426	49.522	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	253145	47.926	ng	99
12) 1,3-Dichlorobenzene	6.834	146	293039	48.790	ng	100
13) 1,4-Dichlorobenzene	6.910	146	294261	49.040	ng	100
14) 1,2-Dichlorobenzene	7.063	146	282962	50.527	ng	98
15) Benzyl Alcohol	7.028	79	251222	51.667	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	409165	45.429	ng	97
17) 2-Methylphenol	7.134	107	214311	48.036	ng	97
18) Hexachloroethane	7.404	117	109345	51.101	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	197259	49.066	ng	97
20) 3+4-Methylphenols	7.287	107	272230	47.705	ng	93
22) Acetophenone	7.298	105	371892	50.559	ng	99
24) Nitrobenzene	7.469	77	295938	49.815	ng	99
25) Isophorone	7.710	82	522716	50.827	ng	99
26) 2-Nitrophenol	7.787	139	134903	60.193	ng	98
27) 2,4-Dimethylphenol	7.822	122	203326	54.408	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	306246	49.150	ng	100
29) 2,4-Dichlorophenol	8.028	162	216998	50.979	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	234357	49.758	ng	99
31) Naphthalene	8.192	128	770154	49.725	ng	100
32) Benzoic acid	7.922	122	152377	46.750	ng	99
33) 4-Chloroaniline	8.234	127	54613	10.341	ng	98
34) Hexachlorobutadiene	8.310	225	156385	52.845	ng	99
35) Caprolactam	8.604	113	65960	48.735	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	239801	50.878	ng	100
37) 2-Methylnaphthalene	8.886	142	487833	51.429	ng	100
38) 1-Methylnaphthalene	8.986	142	446294	47.955	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	234776	55.368	ng	99
41) Hexachlorocyclopentadiene	9.039	237	277875	188.337	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164666	54.851	ng	99

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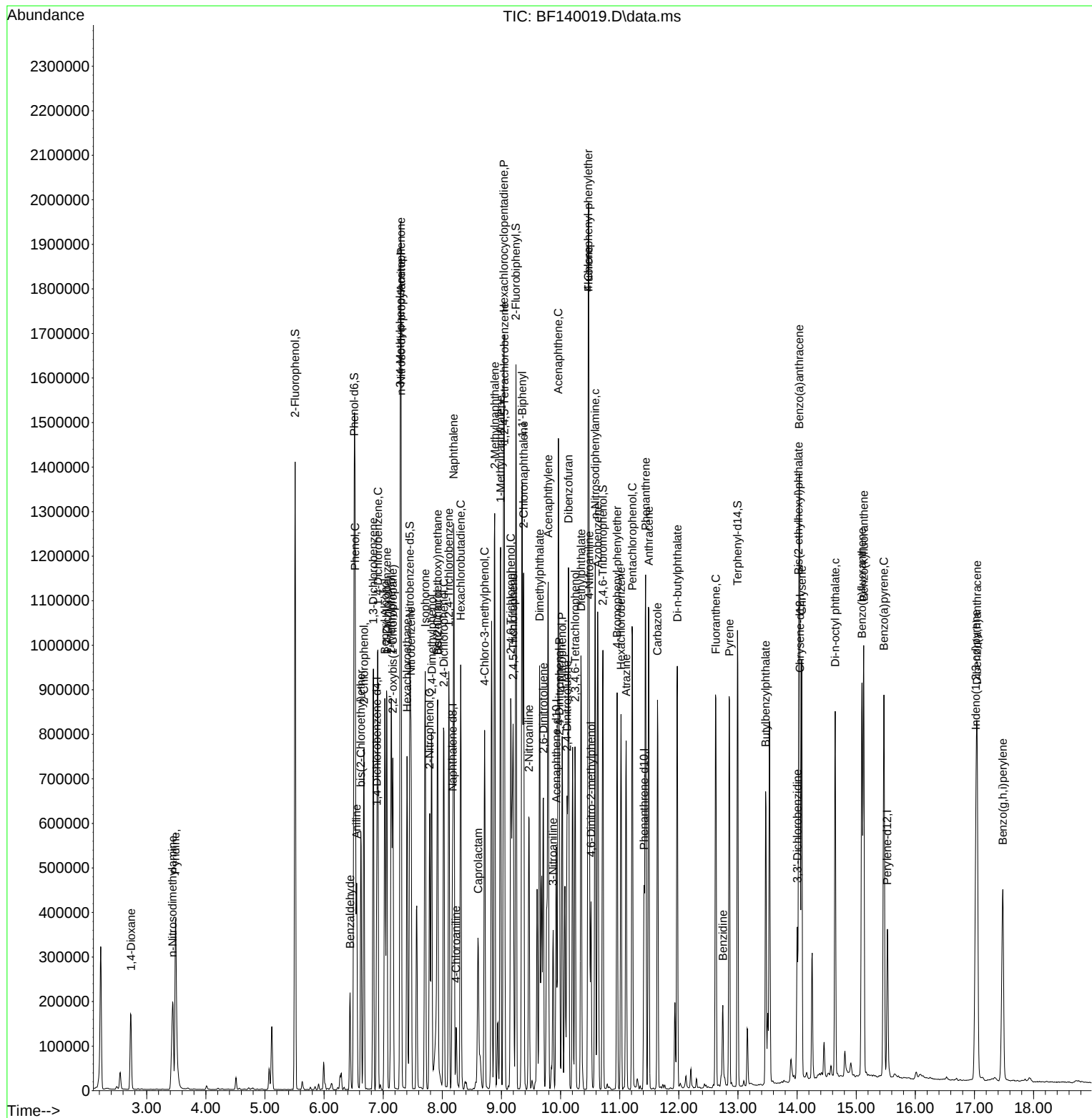
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160047	51.673	ng	98
46) 1,1'-Biphenyl	9.351	154	582802	53.265	ng	99
47) 2-Chloronaphthalene	9.375	162	454190	51.540	ng	98
48) 2-Nitroaniline	9.463	65	152383	56.538	ng	99
49) Acenaphthylene	9.792	152	697724	54.766	ng	99
50) Dimethylphthalate	9.645	163	538457	55.001	ng	99
51) 2,6-Dinitrotoluene	9.710	165	114079	53.818	ng	98
52) Acenaphthene	9.963	154	477822	57.977	ng	100
53) 3-Nitroaniline	9.875	138	69269	31.688	ng	96
54) 2,4-Dinitrophenol	9.980	184	104083	115.066	ng	# 1
55) Dibenzofuran	10.133	168	613894	51.916	ng	98
56) 4-Nitrophenol	10.028	139	162305	96.508	ng	91
57) 2,4-Dinitrotoluene	10.110	165	148977	57.152	ng	# 99
58) Fluorene	10.475	166	466448	51.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	127419	52.477	ng	99
60) Diethylphthalate	10.345	149	509777	53.034	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	239042	52.557	ng	98
62) 4-Nitroaniline	10.486	138	97124	47.044	ng	93
63) Azobenzene	10.628	77	564117	55.357	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	69696	72.442	ng	96
66) n-Nitrosodiphenylamine	10.586	169	413815	58.618	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	143622	59.106	ng	100
68) Hexachlorobenzene	11.022	284	154649	56.590	ng	99
69) Atrazine	11.110	200	130044	68.003	ng	97
70) Pentachlorophenol	11.216	266	172918	104.258	ng	98
71) Phenanthrene	11.439	178	603012	54.123	ng	100
72) Anthracene	11.492	178	609069	56.029	ng	99
73) Carbazole	11.639	167	489169	48.385	ng	99
74) Di-n-butylphthalate	11.974	149	663005	56.763	ng	99
75) Fluoranthene	12.627	202	514071	45.642	ng	98
77) Benzidine	12.745	184	102388	42.955	ng	99
78) Pyrene	12.857	202	515322	40.612	ng	99
80) Butylbenzylphthalate	13.469	149	207161	54.457	ng	98
81) Benzo(a)anthracene	14.039	228	486686	51.575	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	101407	36.857	ng	99
83) Chrysene	14.080	228	484584	56.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	279047	65.381	ng	98
85) Di-n-octyl phthalate	14.645	149	531738	68.496	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	594637	48.718	ng	96
88) Benzo(b)fluoranthene	15.098	252	564921	48.880	ng	99
89) Benzo(k)fluoranthene	15.127	252	550640	55.245	ng	99
90) Benzo(a)pyrene	15.468	252	545784	57.392	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	491193	48.240	ng	97
92) Benzo(g,h,i)perylene	17.480	276	414231	40.728	ng	96

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

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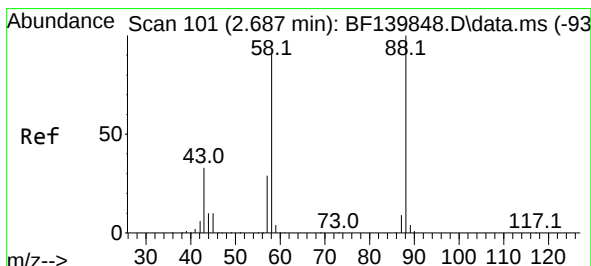
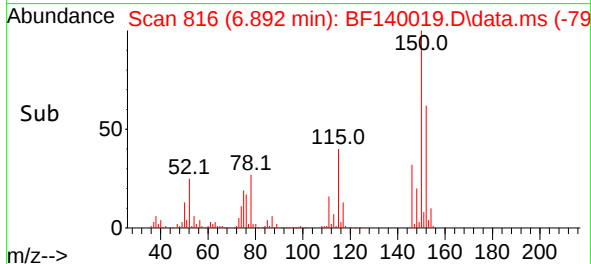
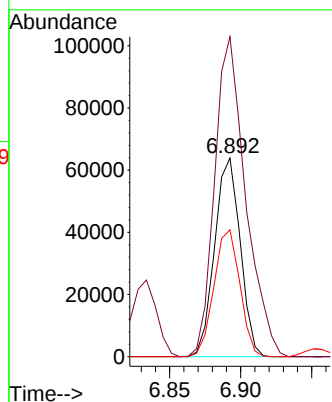
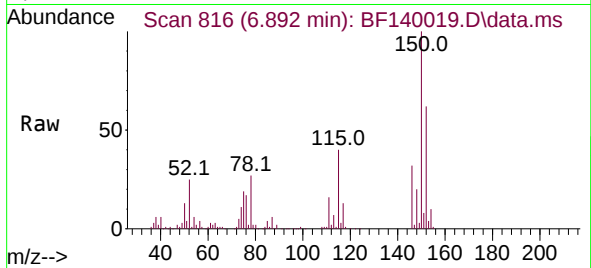




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140019.D
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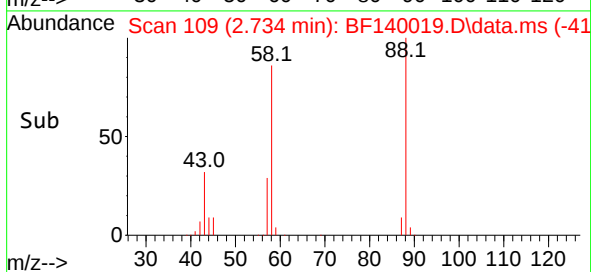
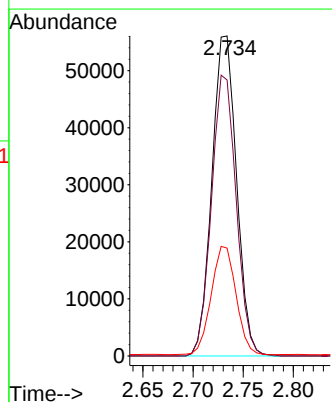
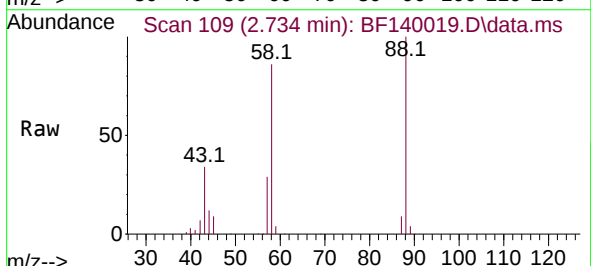
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:152 Resp: 80122
Ion Ratio Lower Upper
152 100
150 161.2 130.2 195.2
115 63.9 51.4 77.2



#2
1,4-Dioxane
Concen: 40.261 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.047 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 88 Resp: 96074
Ion Ratio Lower Upper
88 100
58 88.0 73.3 109.9
43 34.0 27.1 40.7





#3

Pyridine

Concen: 41.908 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

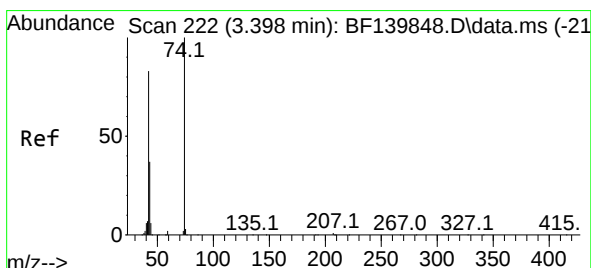
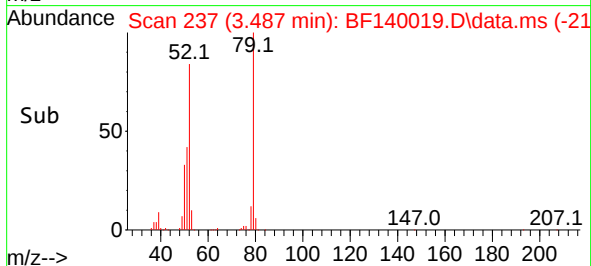
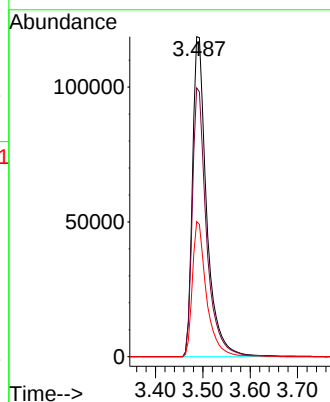
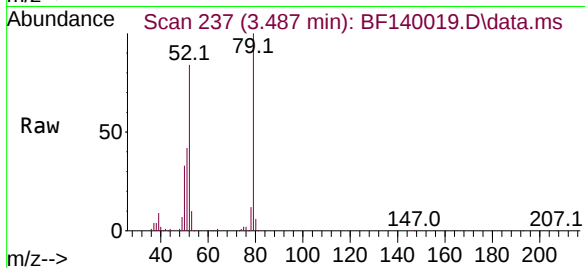
Tgt Ion: 79 Resp: 247882

Ion Ratio Lower Upper

79 100

52 84.0 68.5 102.7

51 42.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 47.547 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.041 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

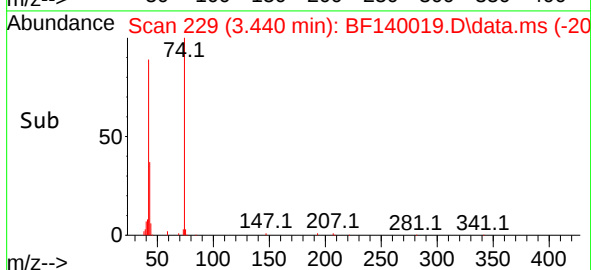
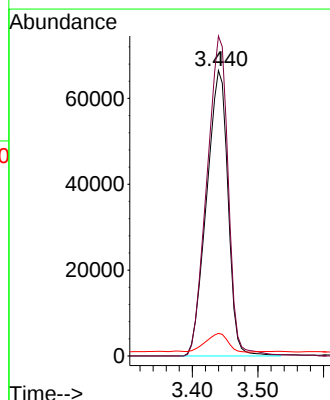
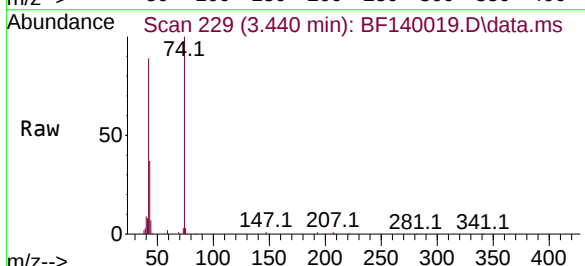
Tgt Ion: 42 Resp: 151099

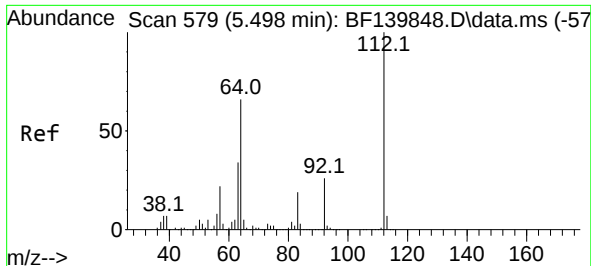
Ion Ratio Lower Upper

42 100

74 112.1 96.2 144.4

44 7.9 6.2 9.2

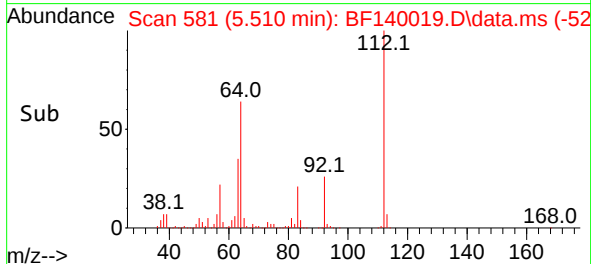
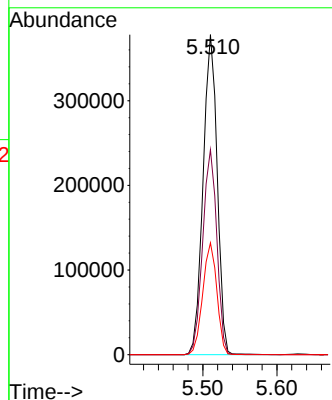
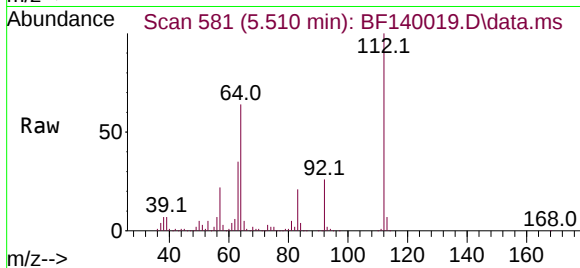




#5
2-Fluorophenol
Concen: 97.812 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

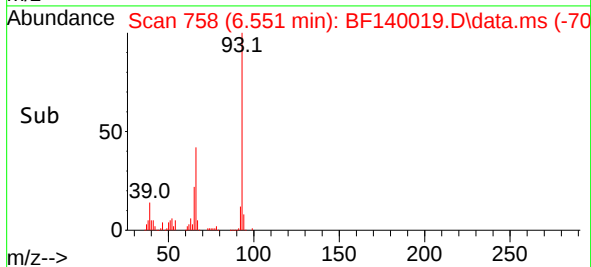
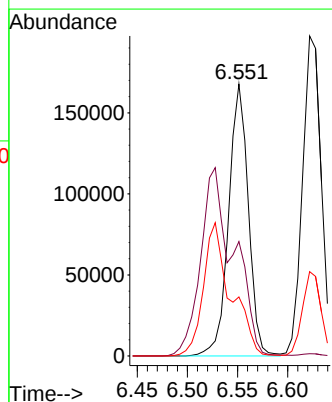
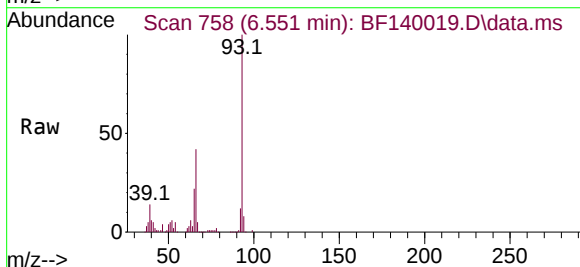
Instrument :
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Tgt Ion:112 Resp: 500605
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 34.9 27.0 40.4



#6
Aniline
Concen: 37.051 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 93 Resp: 228892
Ion Ratio Lower Upper
93 100
66 42.1 34.0 51.0
65 21.7 17.4 26.0





#7

Phenol-d6

Concen: 95.725 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

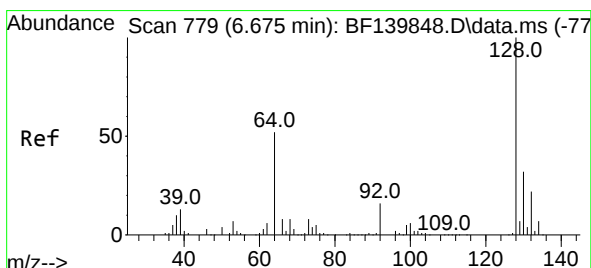
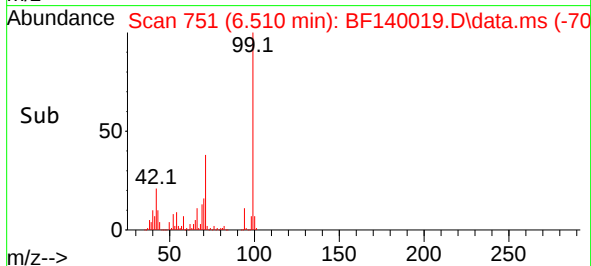
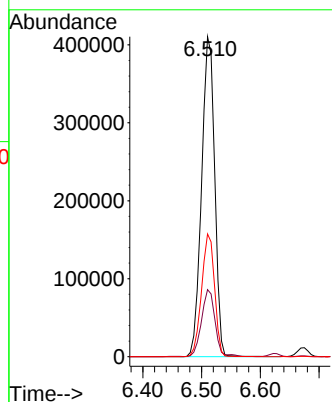
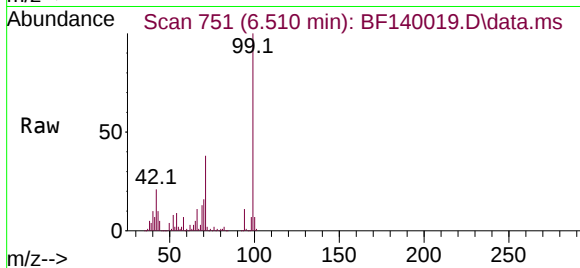
Tgt Ion: 99 Resp: 634531

Ion Ratio Lower Upper

99 100

42 20.9 16.7 25.1

71 38.3 27.7 41.5



#8

2-Chlorophenol

Concen: 50.171 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

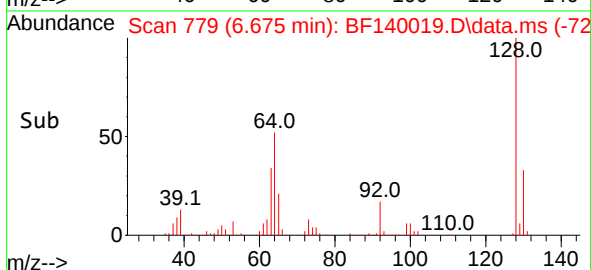
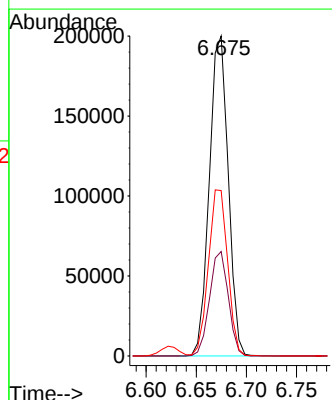
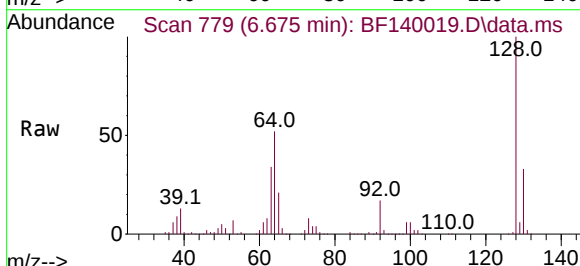
Tgt Ion: 128 Resp: 262502

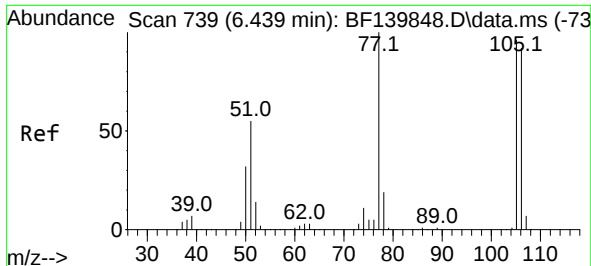
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 51.7 34.6 74.6

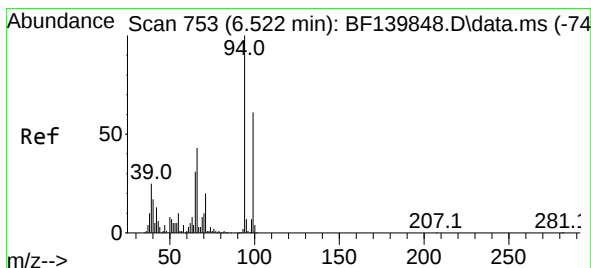
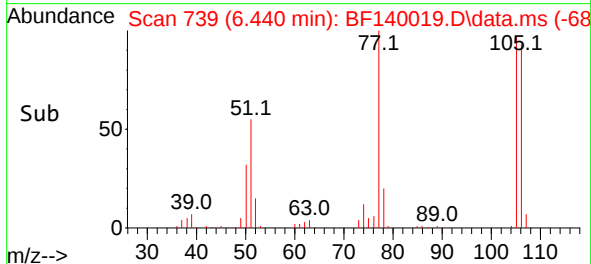
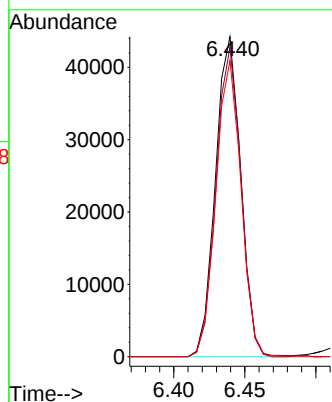
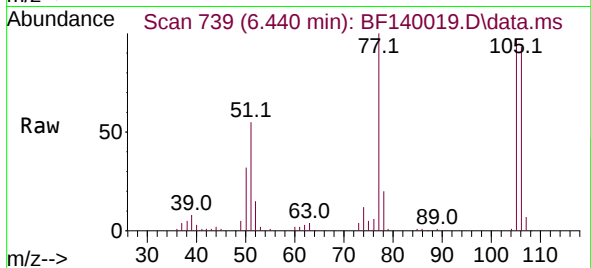




#9
Benzaldehyde
Concen: 14.657 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140019.D
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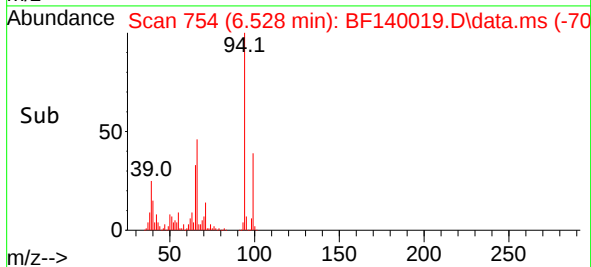
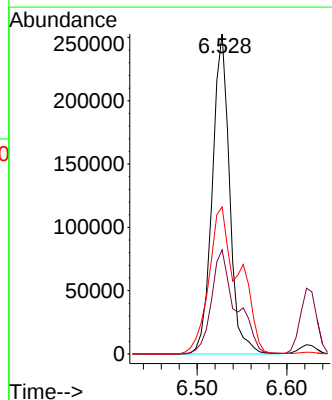
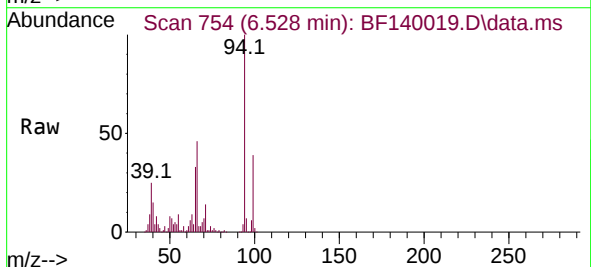
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Tgt Ion: 77 Resp: 54655
Ion Ratio Lower Upper
77 100
105 96.7 75.5 115.5
106 92.6 71.7 111.7



#10
Phenol
Concen: 49.522 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 338426
Ion Ratio Lower Upper
94 100
65 32.5 11.1 51.1
66 46.0 22.7 62.7



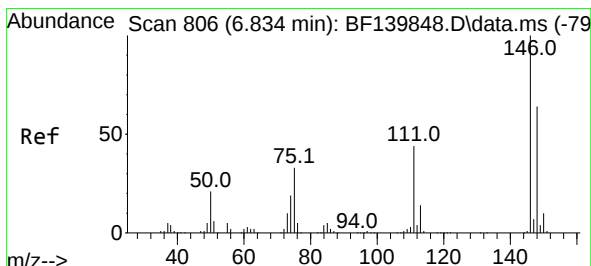
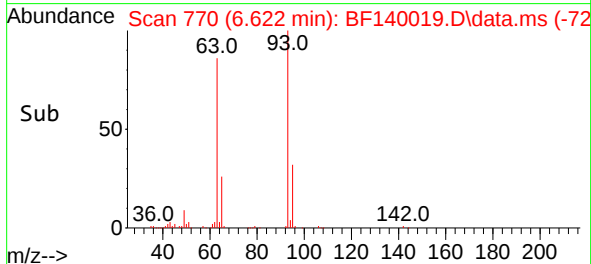
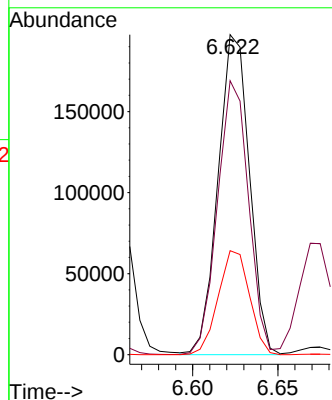
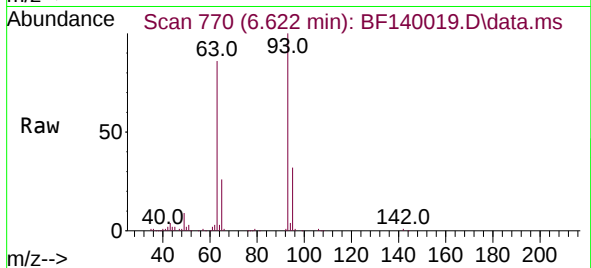


#11
bis(2-Chloroethyl)ether
Concen: 47.926 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion: 93 Resp: 253145

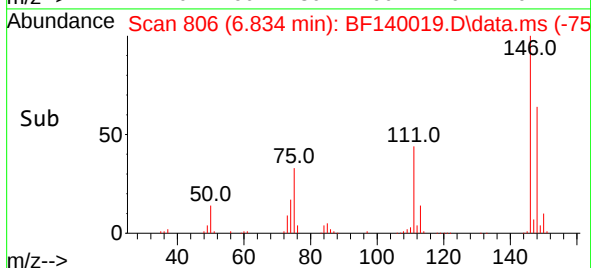
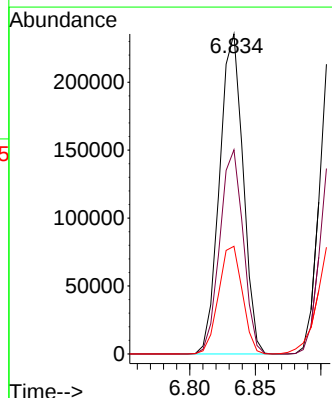
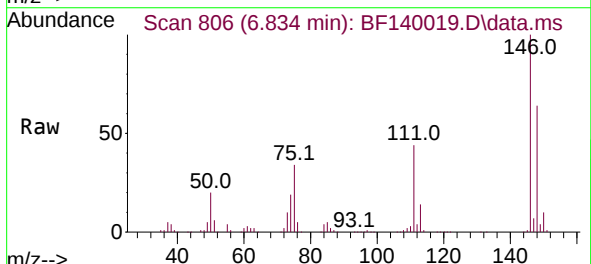
Ion	Ratio	Lower	Upper
93	100		
63	85.6	65.0	105.0
95	32.5	12.4	52.4

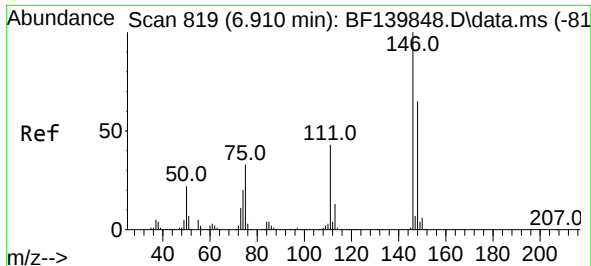


#12
1,3-Dichlorobenzene
Concen: 48.790 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 146 Resp: 293039

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
75	33.6	26.4	39.6

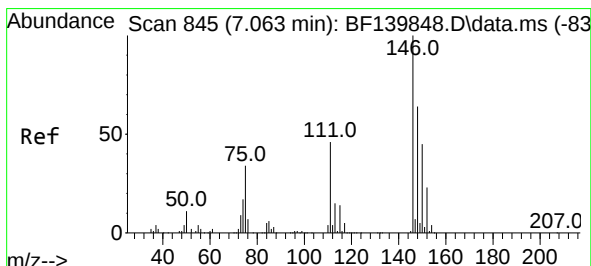
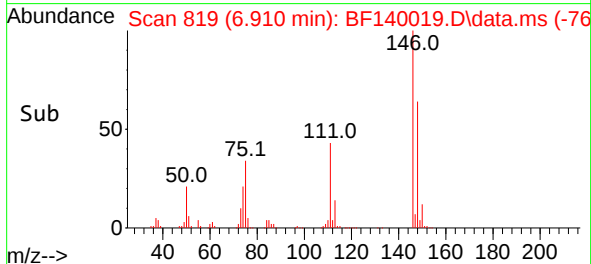
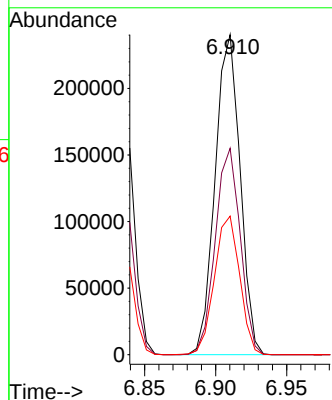
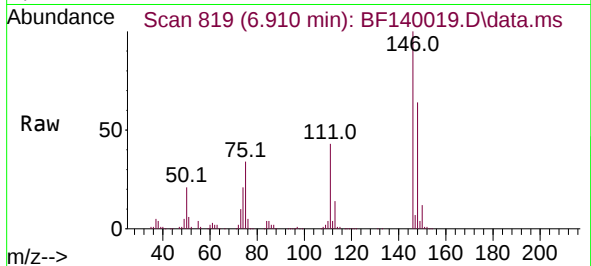




#13
1,4-Dichlorobenzene
Concen: 49.040 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

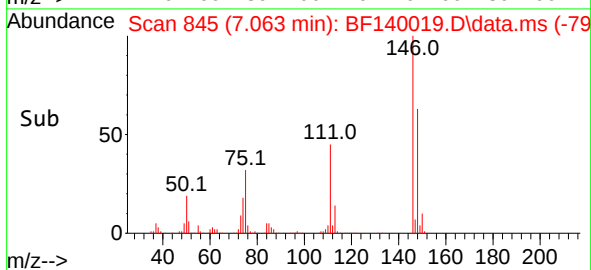
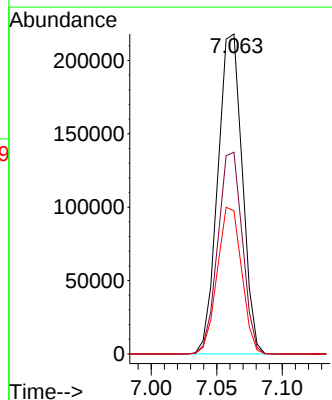
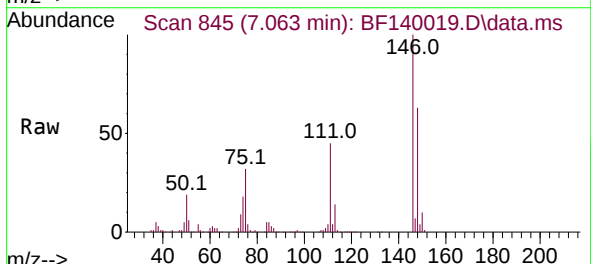
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:146 Resp: 294261
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 43.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.527 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:146 Resp: 282962
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
111 44.7 36.7 55.1

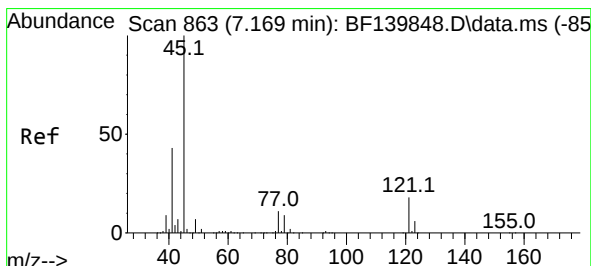
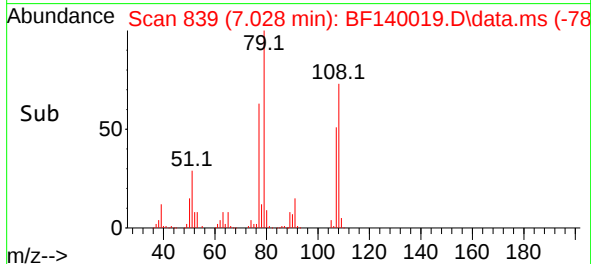
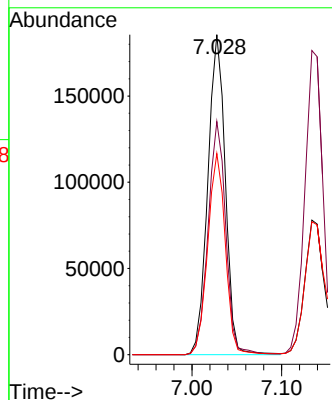
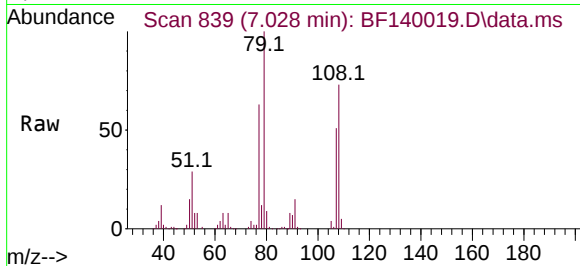




#15
Benzyl Alcohol
Concen: 51.667 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

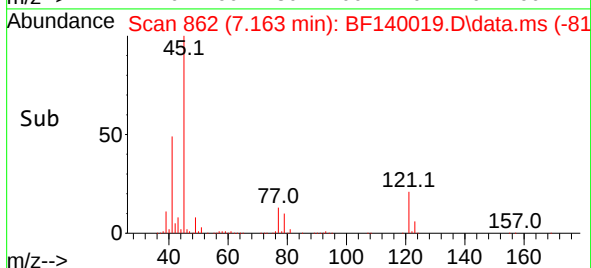
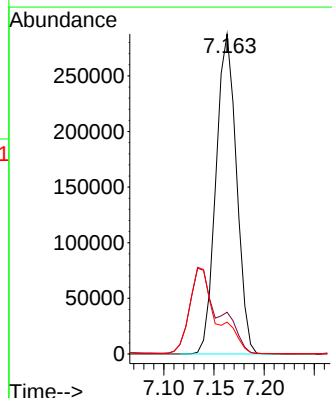
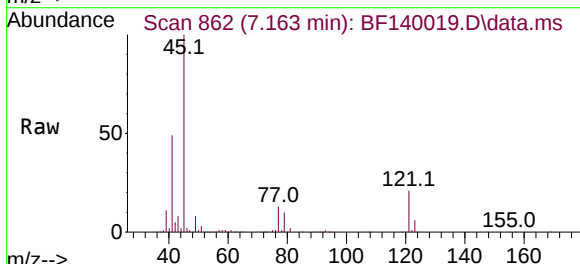
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion: 79 Resp: 251222
Ion Ratio Lower Upper
79 100
108 72.8 61.4 92.0
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.429 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 45 Resp: 409165
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.9 0.0 29.1

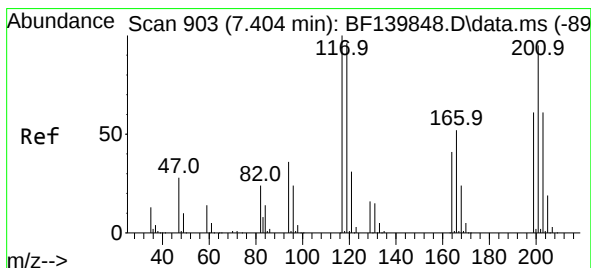
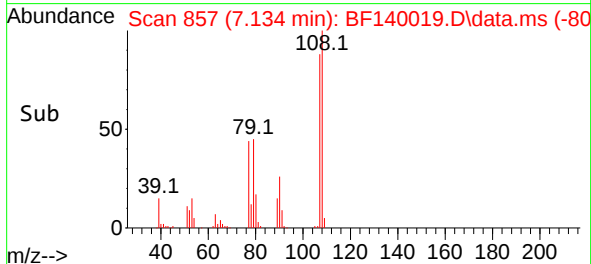
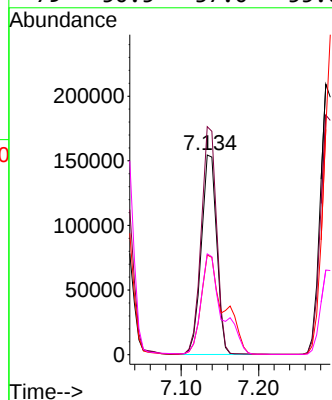
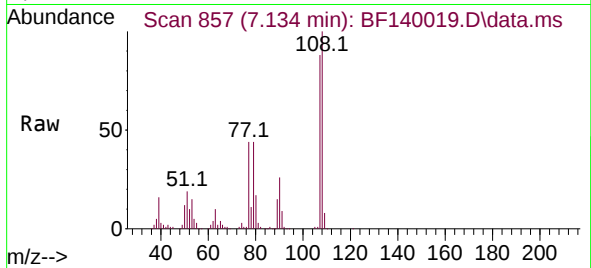




#17
2-Methylphenol
Concen: 48.036 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

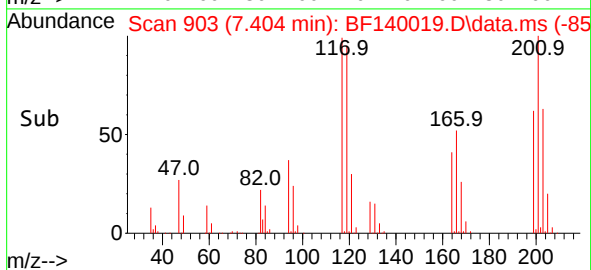
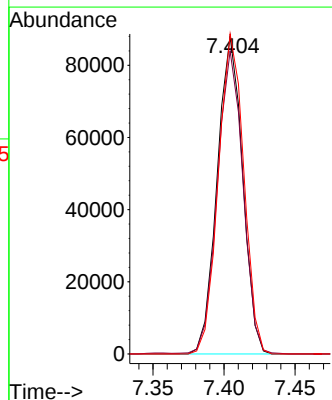
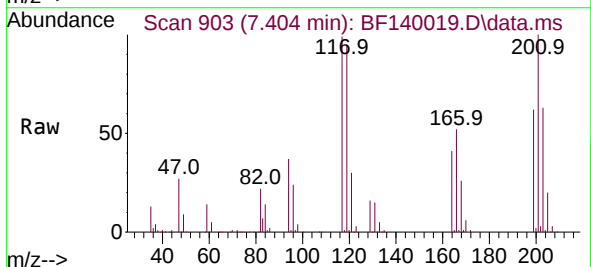
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

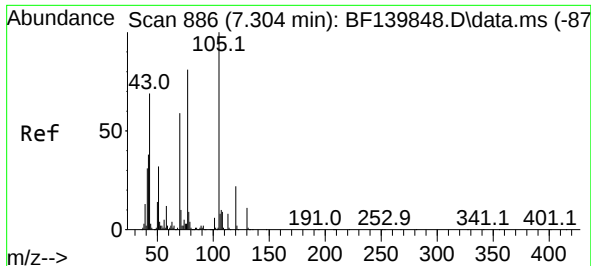
Tgt Ion:	107	Resp:	214311
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.3	136.9
77	49.9	37.1	55.7
79	50.5	37.0	55.6



#18
Hexachloroethane
Concen: 51.101 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:	117	Resp:	109345
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	100.7	76.2	114.4



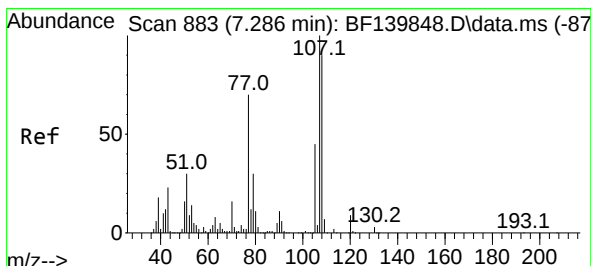
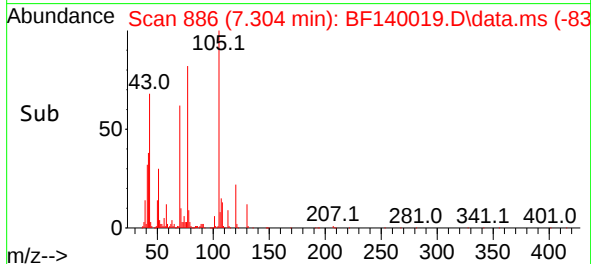
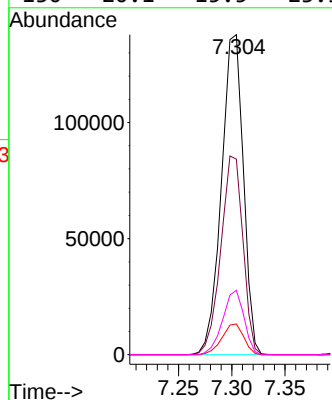
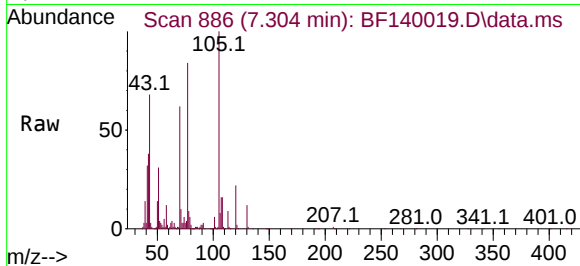


#19
n-Nitroso-di-n-propylamine
Concen: 49.066 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion: 70 Resp: 197259

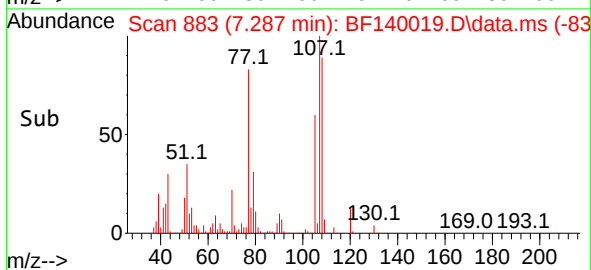
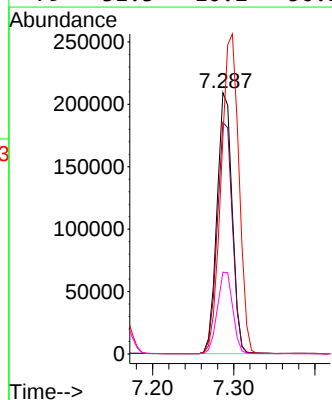
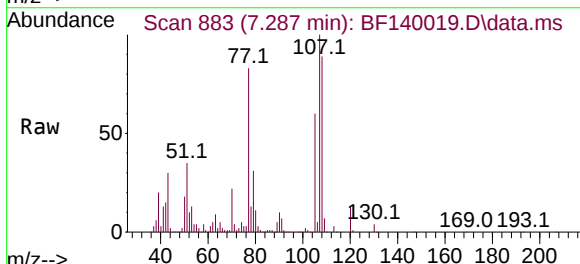
Ion	Ratio	Lower	Upper
70	100		
42	61.1	51.5	77.3
101	9.6	7.5	11.3
130	20.1	15.5	23.3



#20
3+4-Methylphenols
Concen: 47.705 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 107 Resp: 272230

Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.8	109.8
77	83.2	50.5	90.5
79	31.3	10.2	50.2



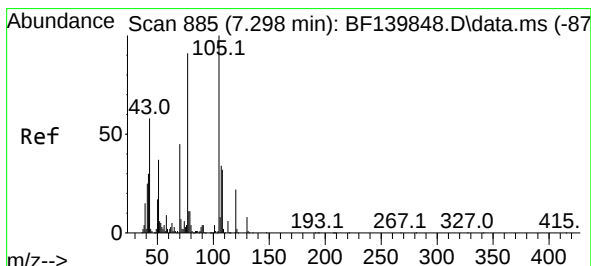
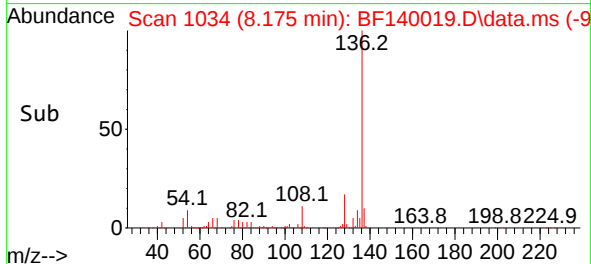
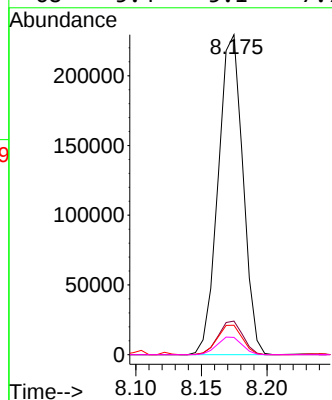
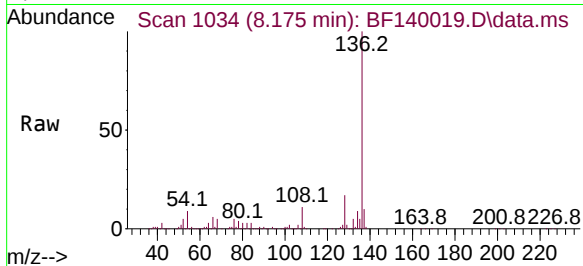


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:136 Resp: 300310

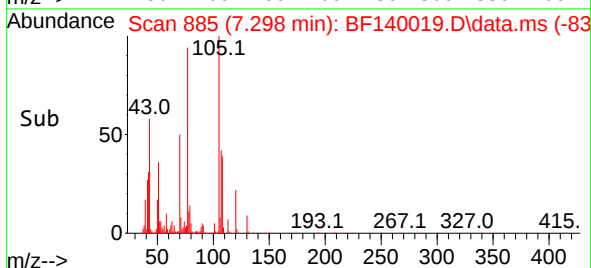
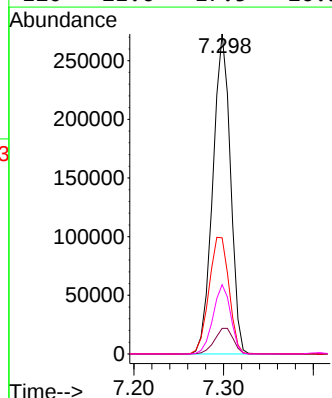
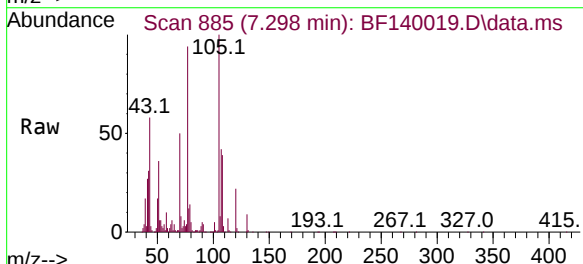
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.2	8.4	12.6
68	5.4	5.1	7.7

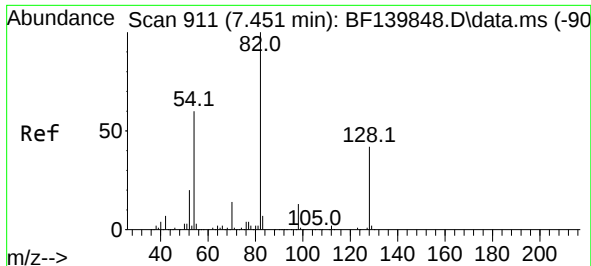


#22
Acetophenone
Concen: 50.559 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:105 Resp: 371892

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	36.3	29.4	44.2
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 76.249 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

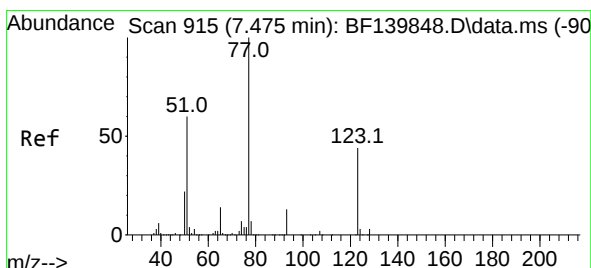
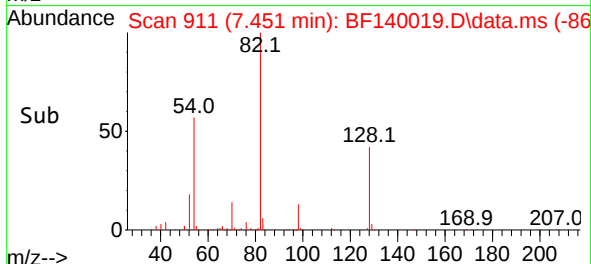
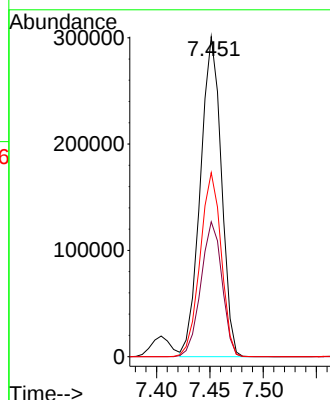
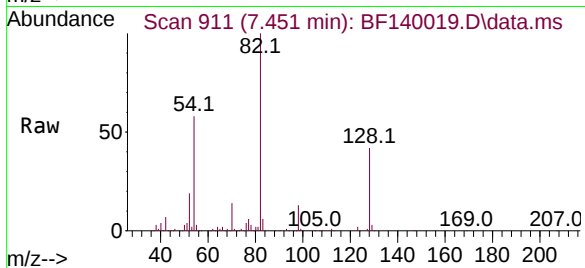
Tgt Ion: 82 Resp: 413153

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 57.5 47.8 71.8



#24

Nitrobenzene

Concen: 49.815 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

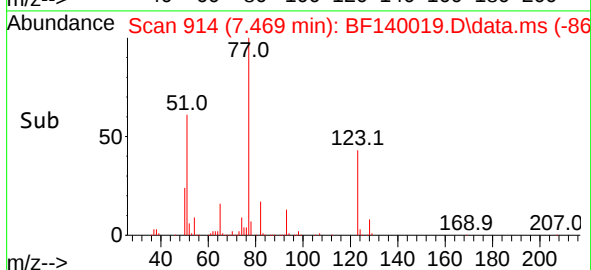
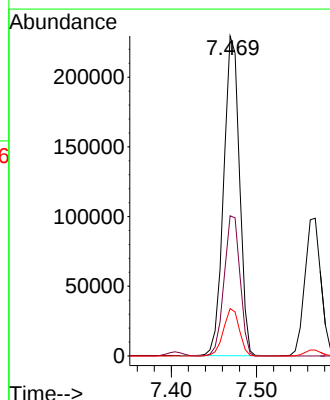
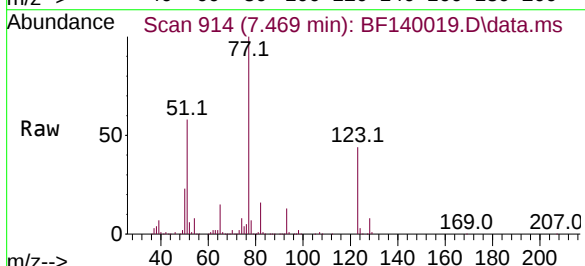
Tgt Ion: 77 Resp: 295938

Ion Ratio Lower Upper

77 100

123 43.8 35.7 53.5

65 14.8 11.5 17.3

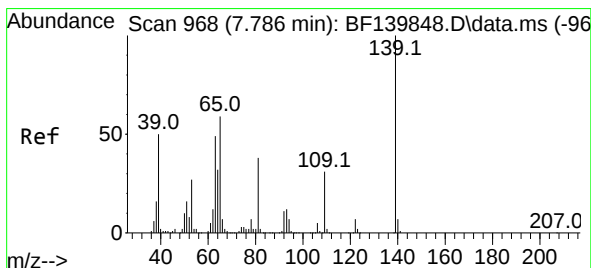
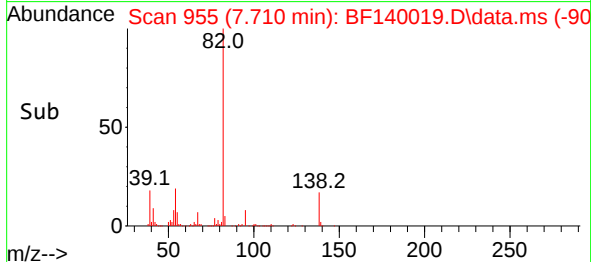
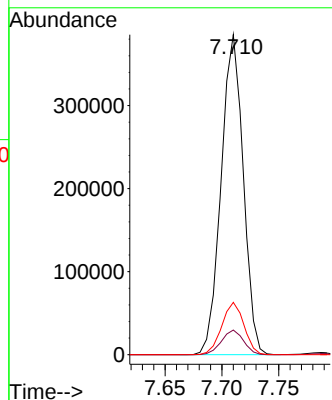
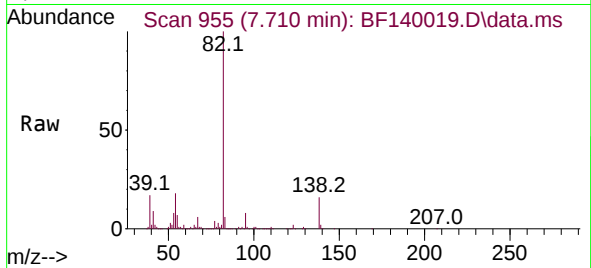




#25
Isophorone
Concen: 50.827 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

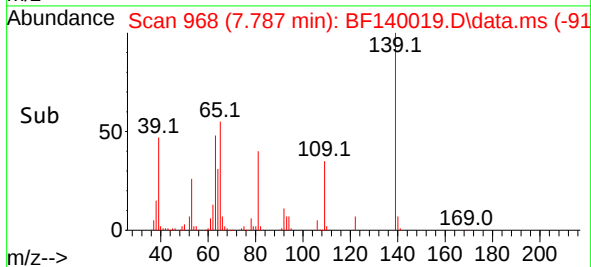
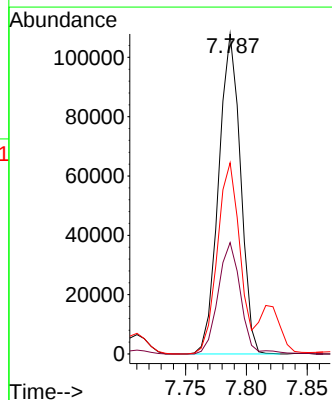
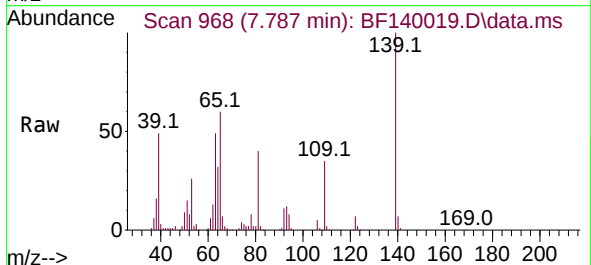
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion: 82 Resp: 522716
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 16.3 13.2 19.8



#26
2-Nitrophenol
Concen: 60.193 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:139 Resp: 134903
Ion Ratio Lower Upper
139 100
109 34.8 25.1 37.7
65 59.8 47.5 71.3

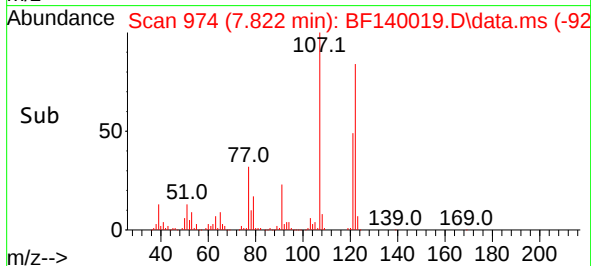
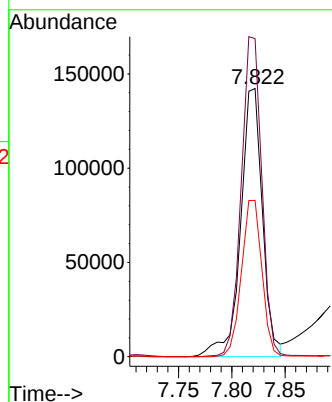
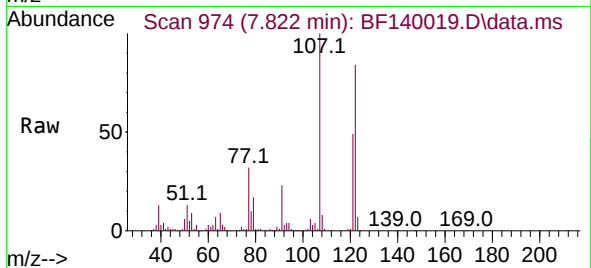




#27
2,4-Dimethylphenol
Concen: 54.408 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

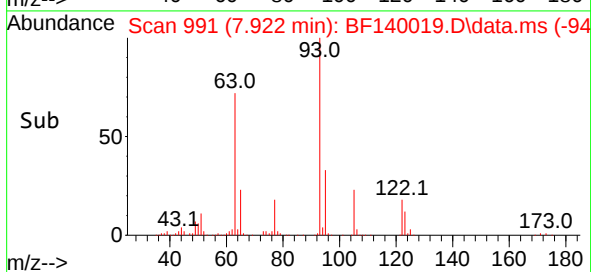
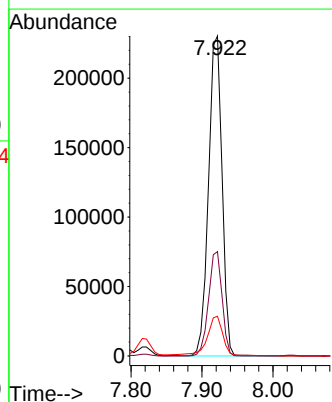
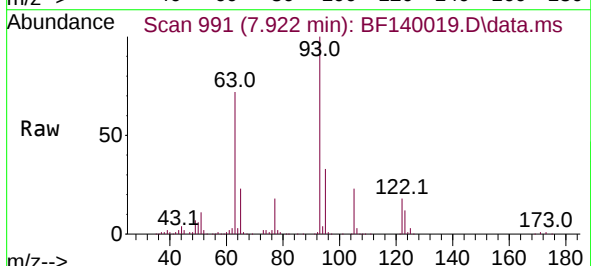
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:122 Resp: 203326
Ion Ratio Lower Upper
122 100
107 118.6 91.9 137.9
121 58.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.150 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 93 Resp: 306246
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.979 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

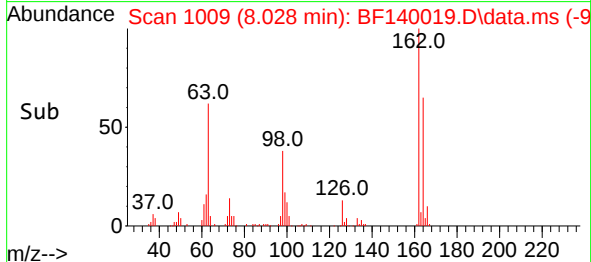
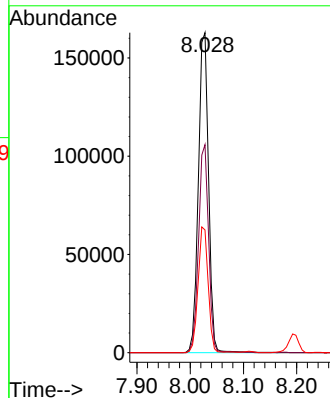
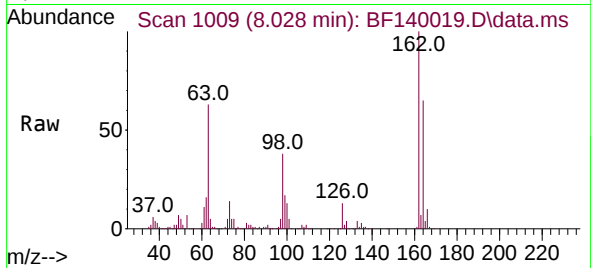
Tgt Ion:162 Resp: 216998

Ion Ratio Lower Upper

162 100

164 65.0 43.9 83.9

98 38.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.758 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

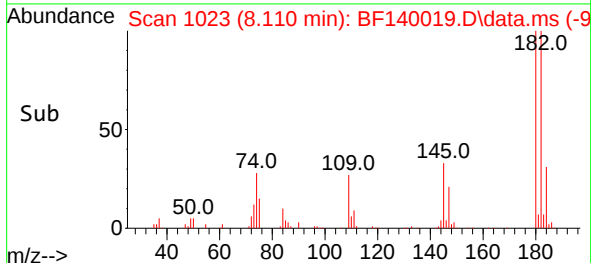
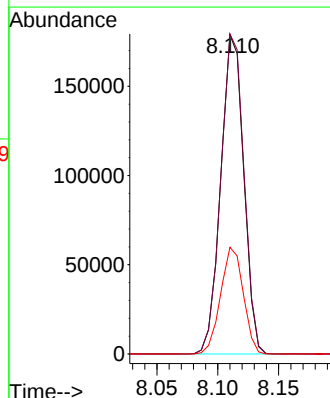
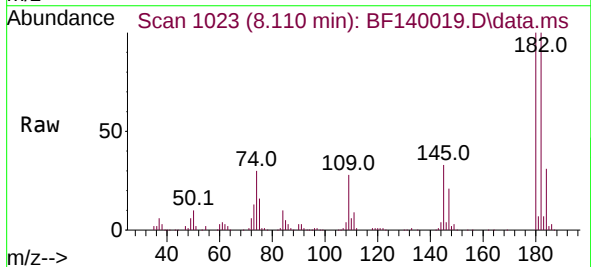
Tgt Ion:180 Resp: 234357

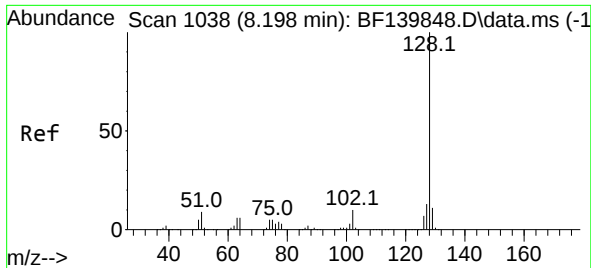
Ion Ratio Lower Upper

180 100

182 100.2 80.5 120.7

145 33.4 25.4 38.0

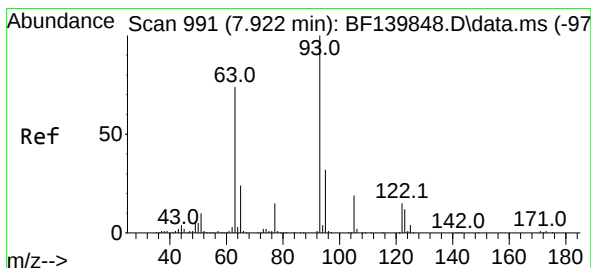
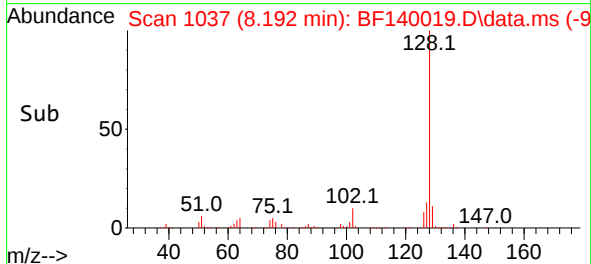
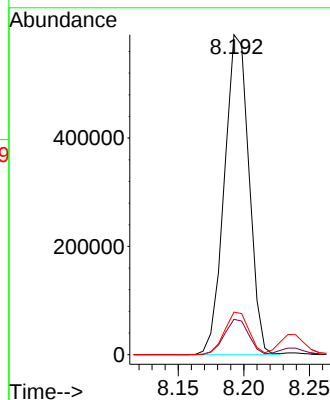
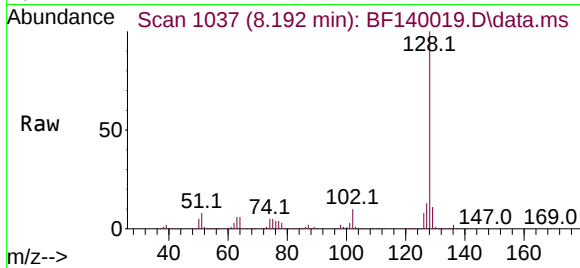




#31
Naphthalene
Concen: 49.725 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

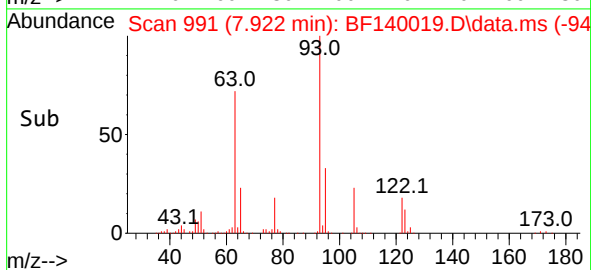
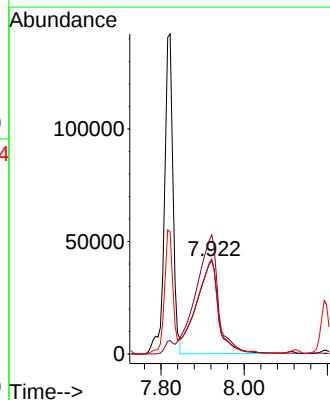
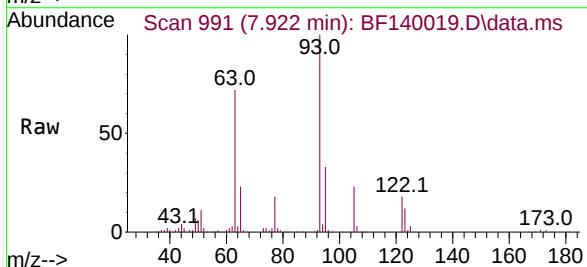
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

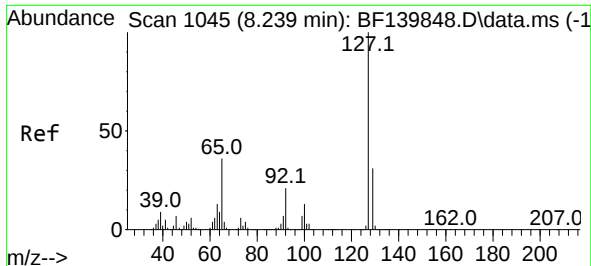
Tgt Ion:128 Resp: 770154
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 46.750 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:122 Resp: 152377
Ion Ratio Lower Upper
122 100
105 127.4 107.6 147.6
77 101.5 80.2 120.2

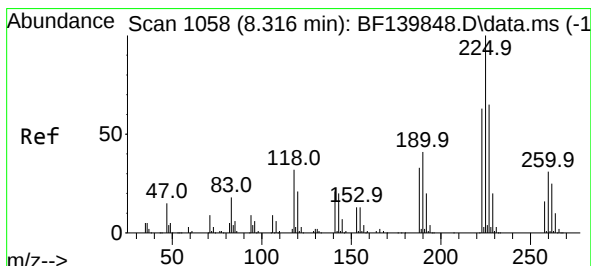
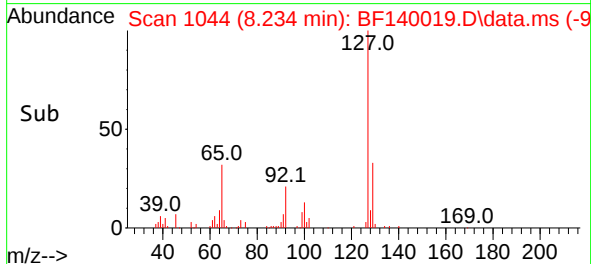
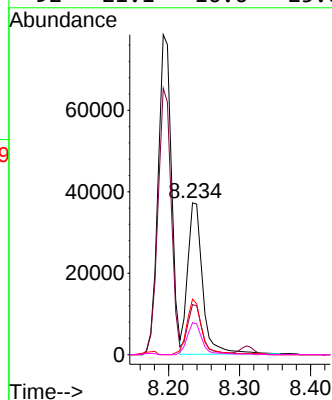
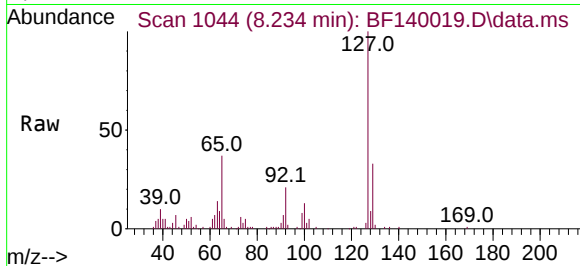




#33
4-Chloroaniline
Concen: 10.341 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

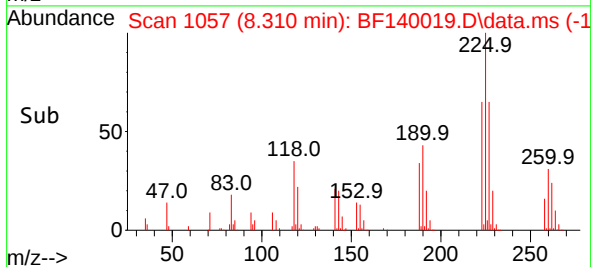
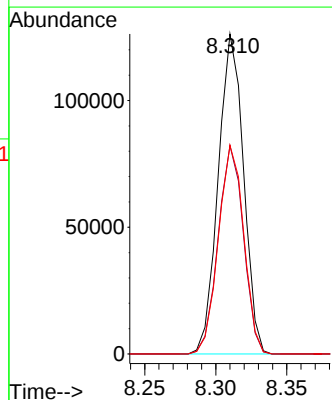
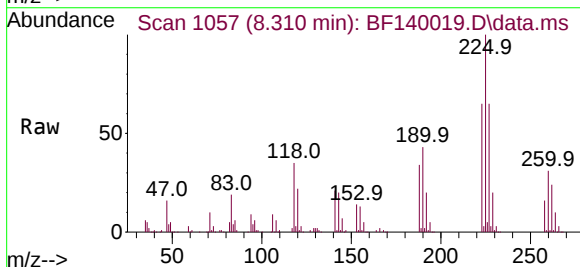
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

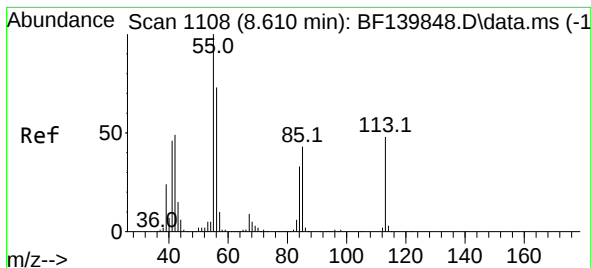
Tgt Ion:	127	Resp:	54613
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.2
65	36.6	28.4	42.6
92	21.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 52.845 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:	225	Resp:	156385
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	65.2	51.8	77.8





#35

Caprolactam

Concen: 48.735 ng

RT: 8.604 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

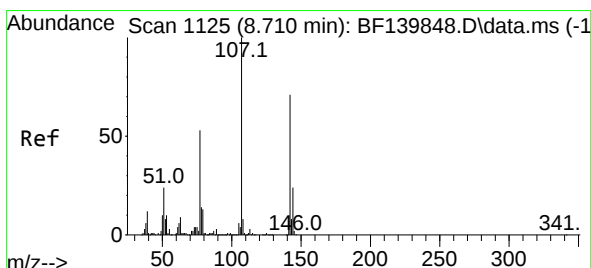
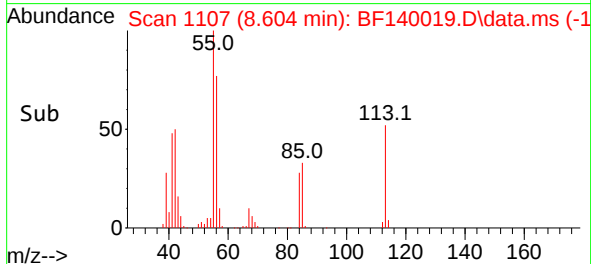
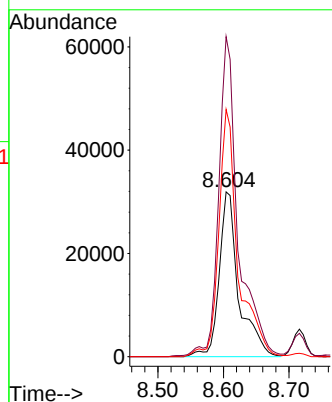
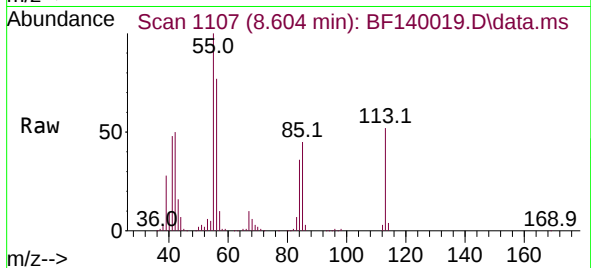
Tgt Ion:113 Resp: 65960

Ion Ratio Lower Upper

113 100

55 194.1 189.2 229.2

56 149.9 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 50.878 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

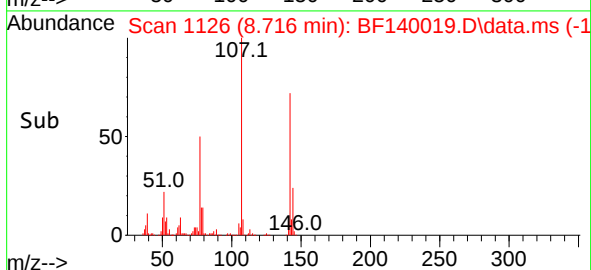
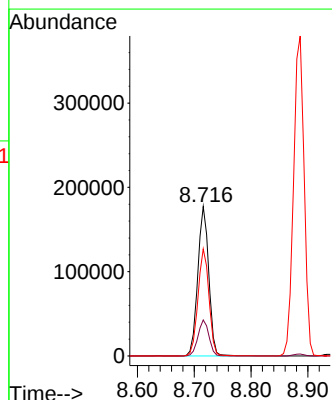
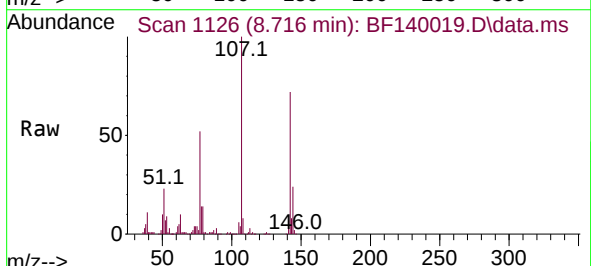
Tgt Ion:107 Resp: 239801

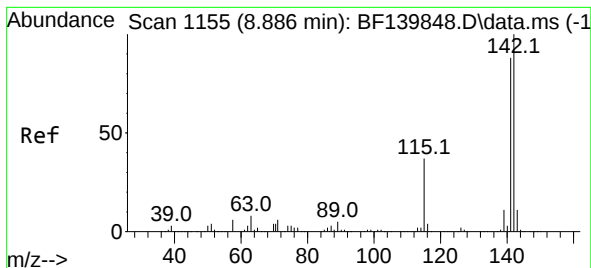
Ion Ratio Lower Upper

107 100

144 24.1 19.1 28.7

142 71.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 51.429 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

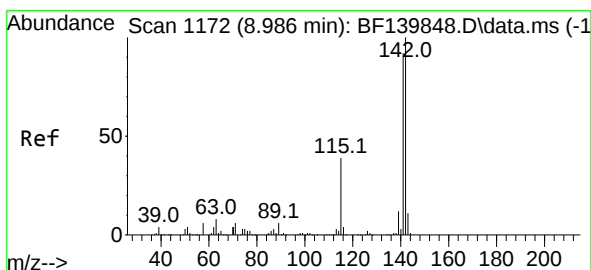
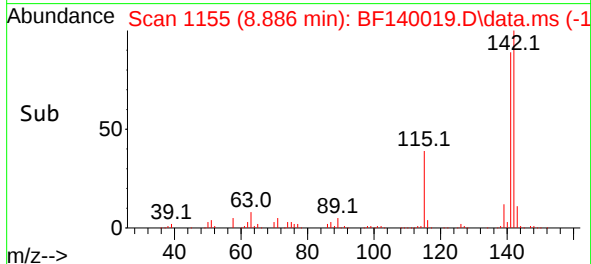
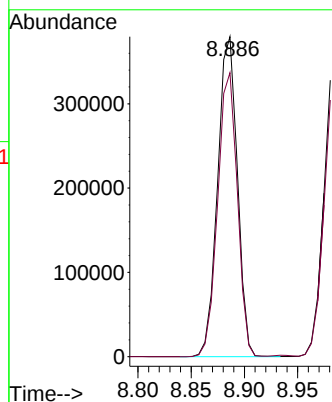
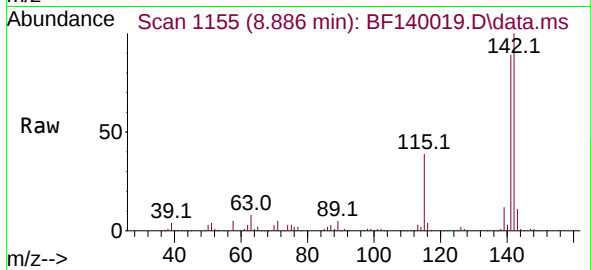
BP-F27MS

Tgt Ion:142 Resp: 487833

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 47.955 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140019.D

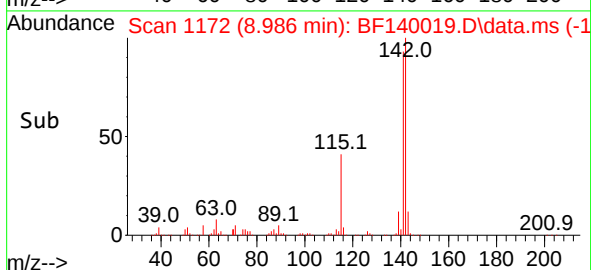
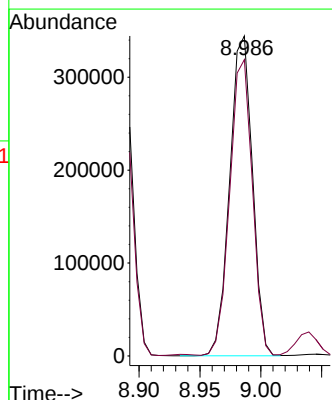
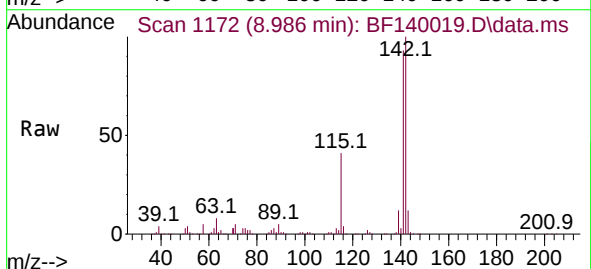
Acq: 24 Oct 2024 23:54

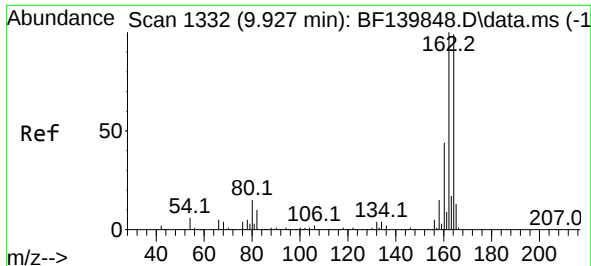
Tgt Ion:142 Resp: 446294

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

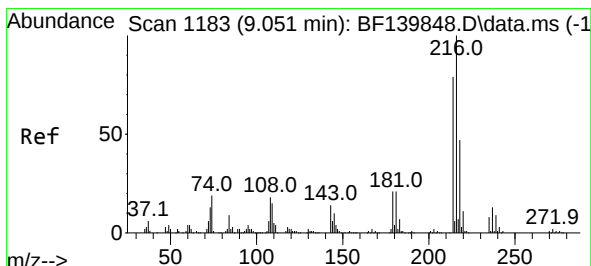
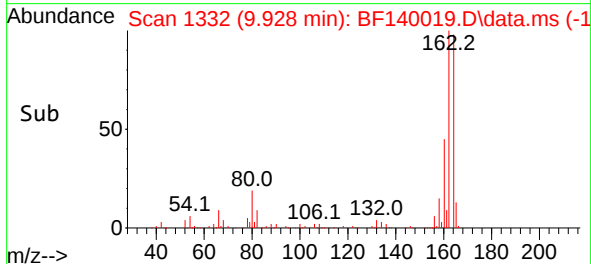
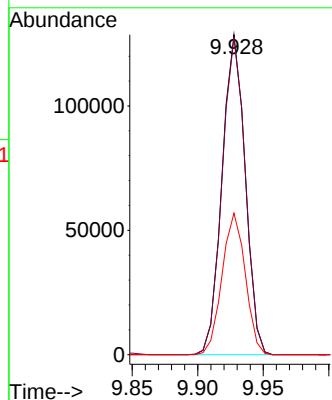
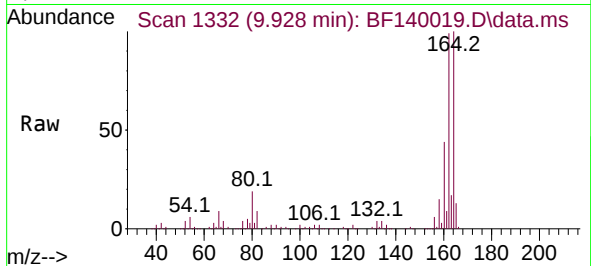




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

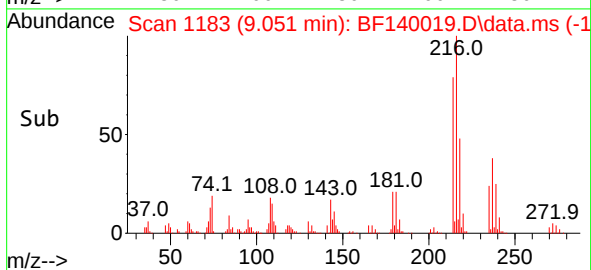
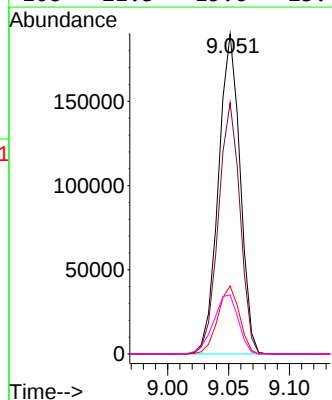
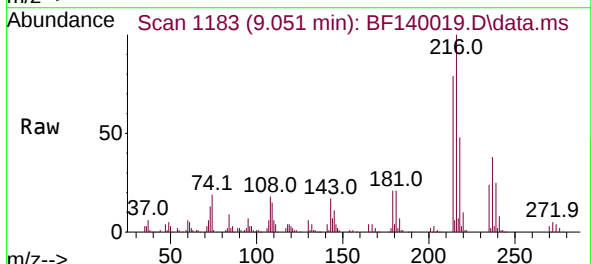
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:164 Resp: 157173
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.368 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:216 Resp: 234776
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 21.2 17.2 25.8
108 21.3 15.6 23.4

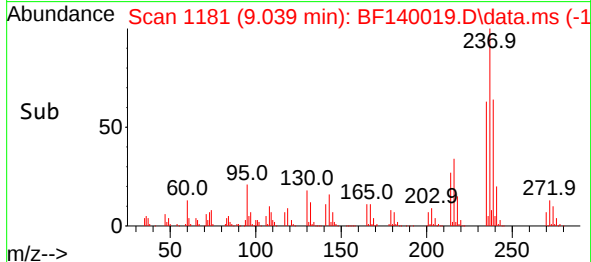
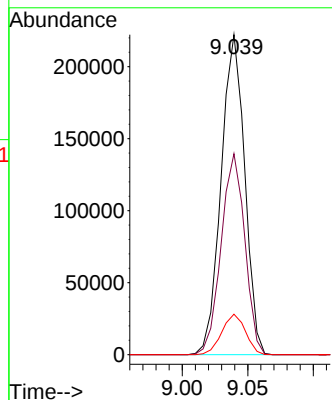
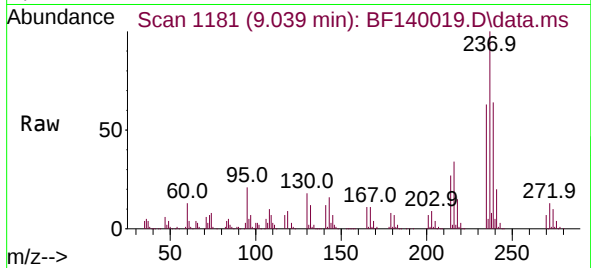




#41
Hexachlorocyclopentadiene
Concen: 188.337 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

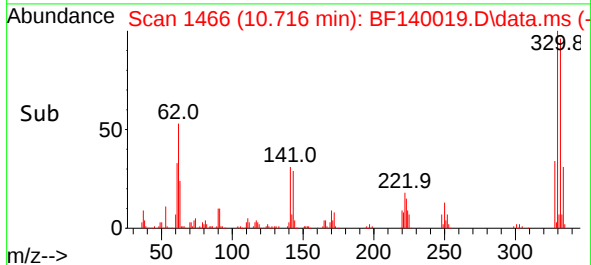
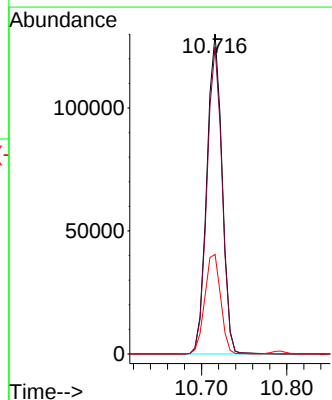
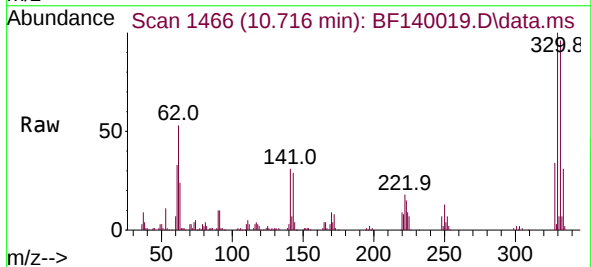
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

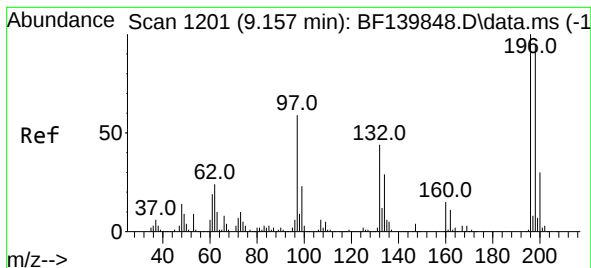
Tgt Ion:237 Resp: 277875
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 109.772 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:330 Resp: 161381
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 32.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 54.851 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

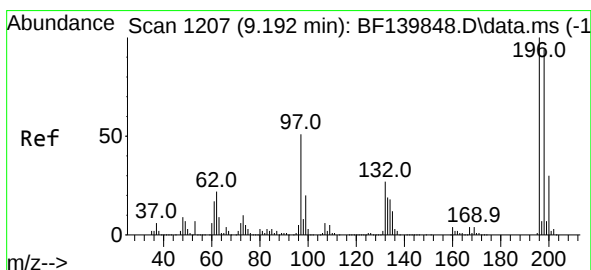
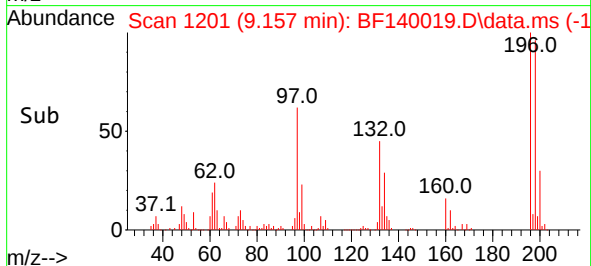
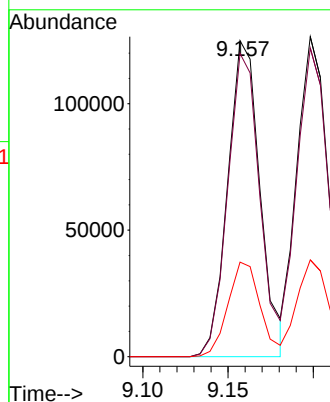
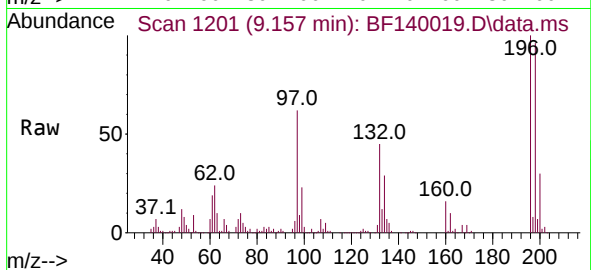
Tgt Ion:196 Resp: 164666

Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.2

200 29.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 51.673 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Tgt Ion:196 Resp: 160047

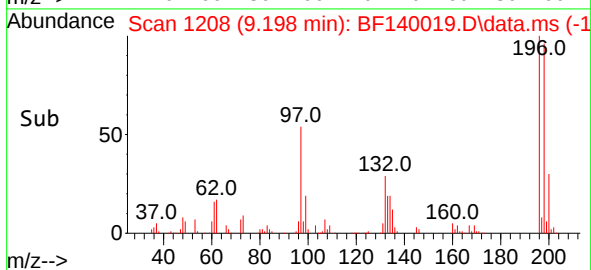
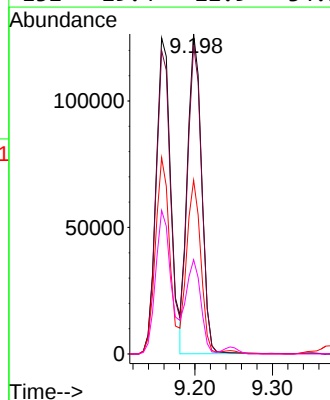
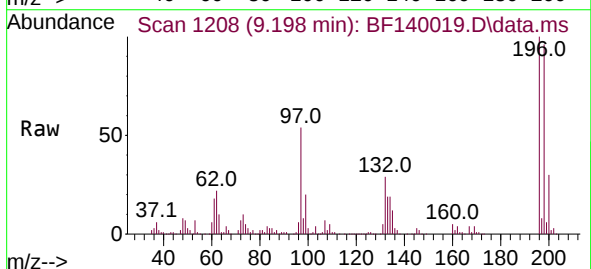
Ion Ratio Lower Upper

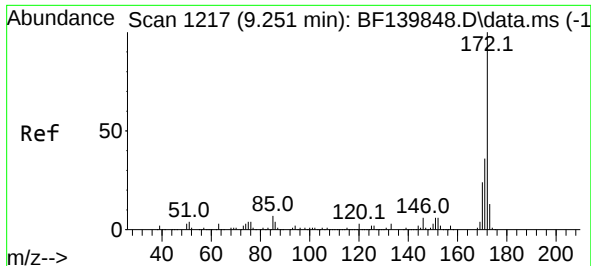
196 100

198 96.5 75.8 113.6

97 54.3 41.8 62.6

132 29.4 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 73.182 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

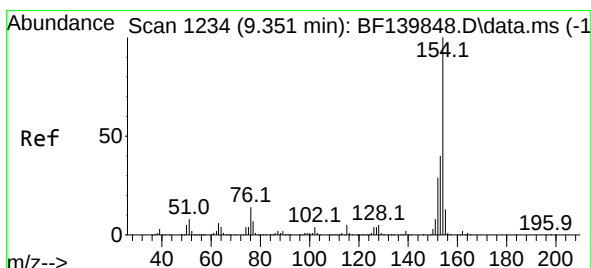
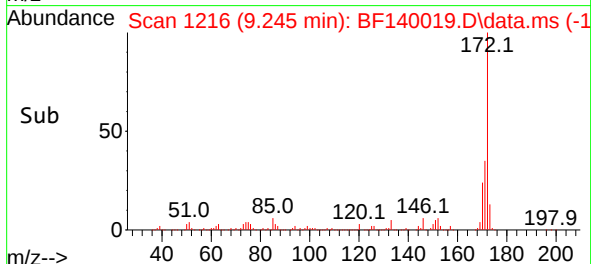
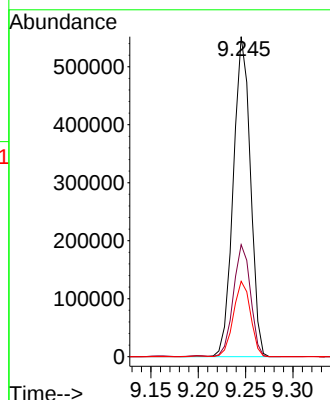
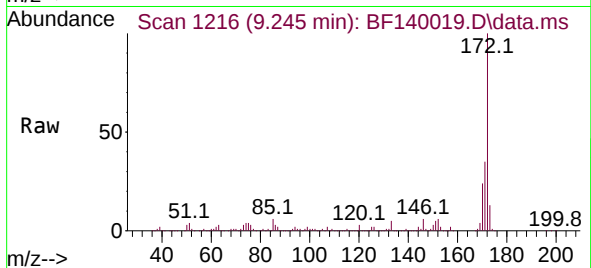
Tgt Ion:172 Resp: 695967

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 53.265 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

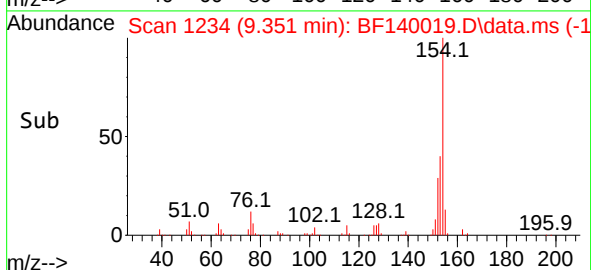
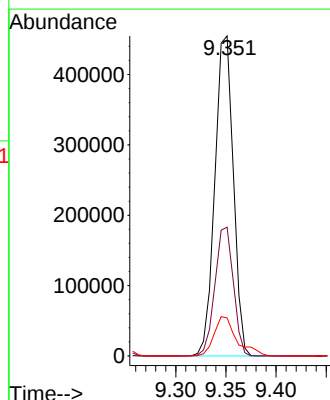
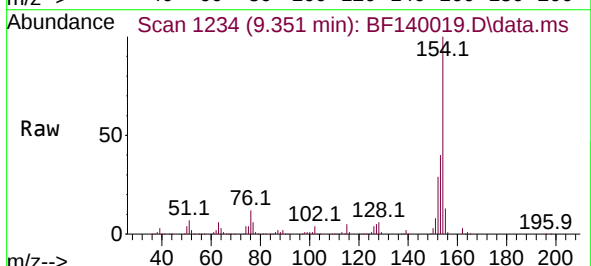
Tgt Ion:154 Resp: 582802

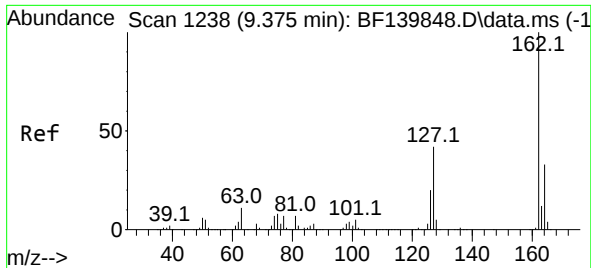
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 11.9 0.0 33.9

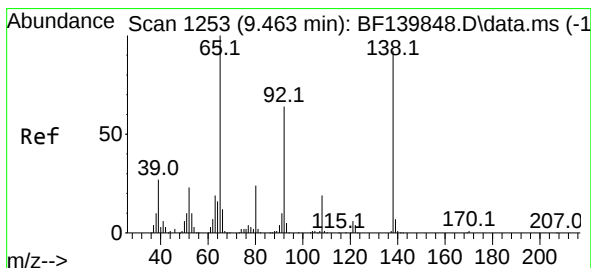
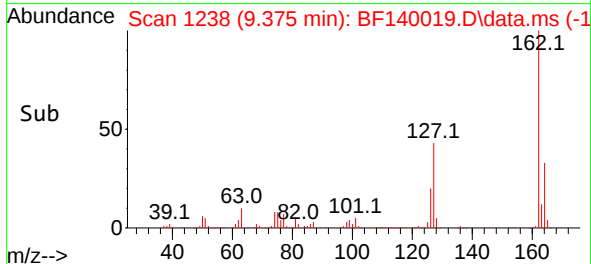
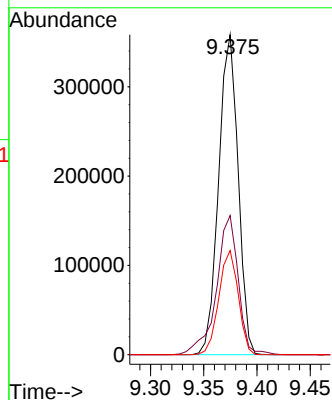
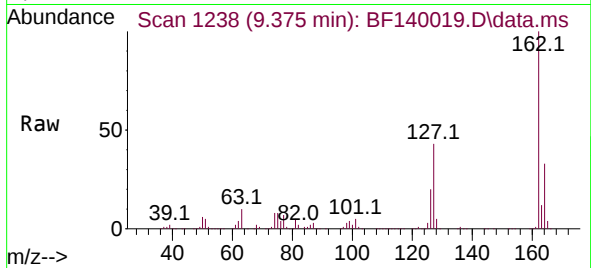




#47
2-Chloronaphthalene
Concen: 51.540 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

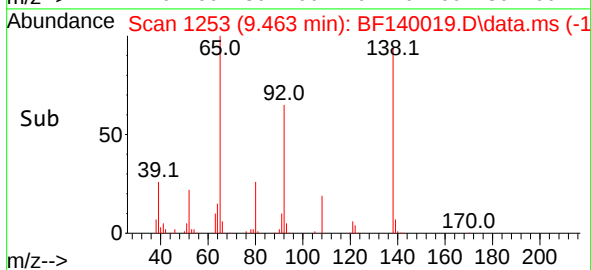
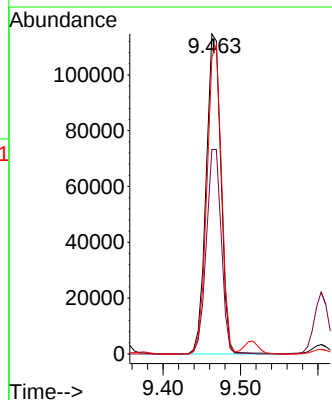
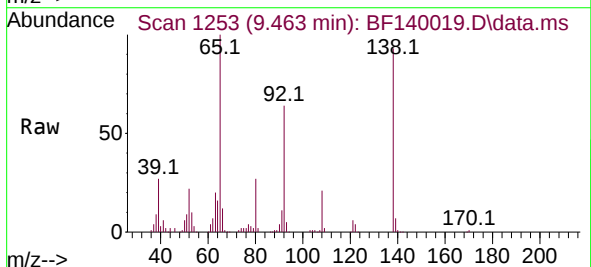
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:162 Resp: 454190
Ion Ratio Lower Upper
162 100
127 43.5 33.8 50.6
164 32.6 26.6 39.8



#48
2-Nitroaniline
Concen: 56.538 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion: 65 Resp: 152383
Ion Ratio Lower Upper
65 100
92 63.9 50.9 76.3
138 92.7 73.4 110.0

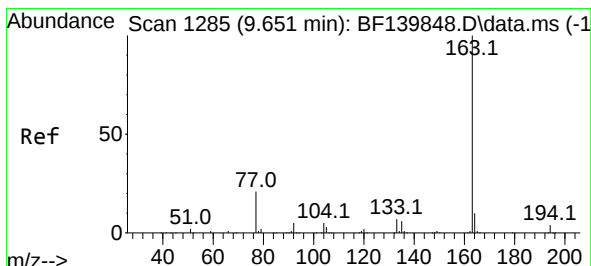
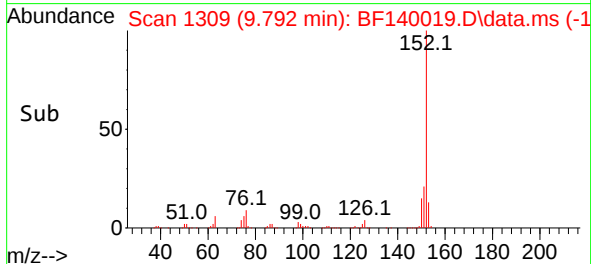
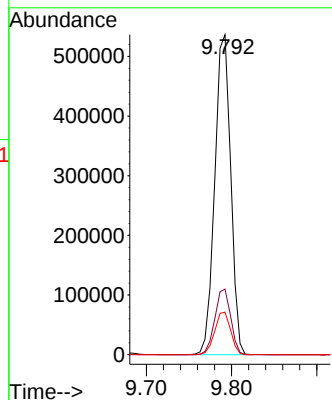
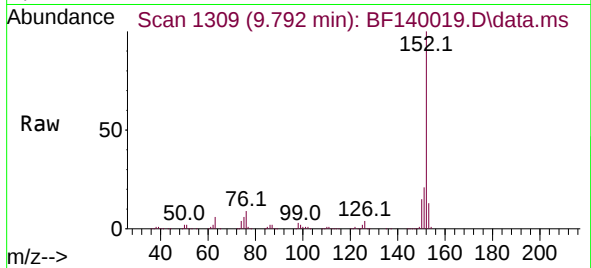




#49
Acenaphthylene
Concen: 54.766 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

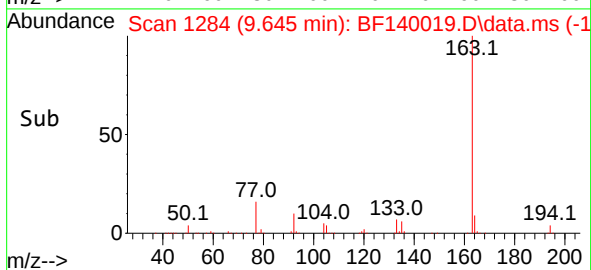
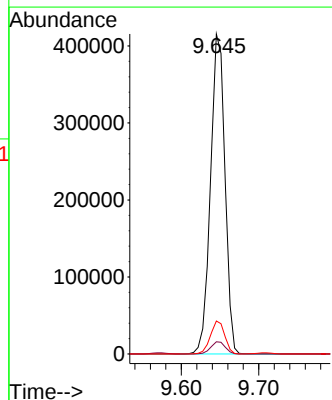
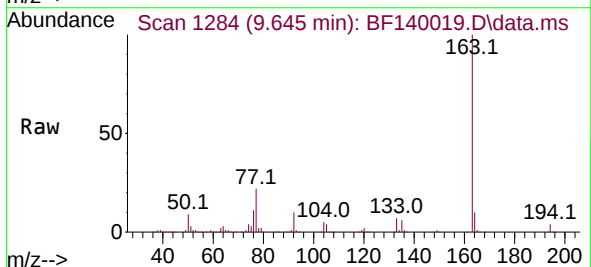
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

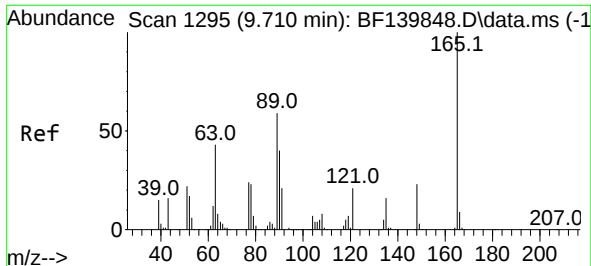
Tgt Ion:152 Resp: 697724
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 55.001 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:163 Resp: 538457
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 8.2 12.2

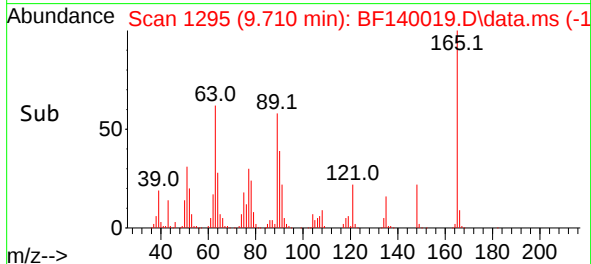
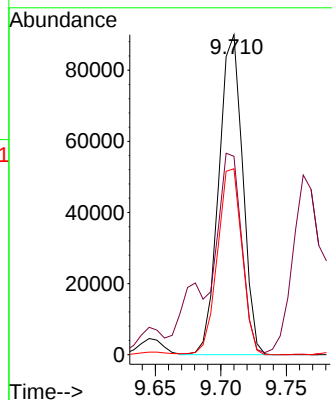
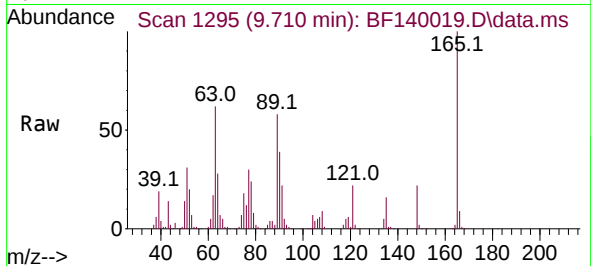




#51
2,6-Dinitrotoluene
Concen: 53.818 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

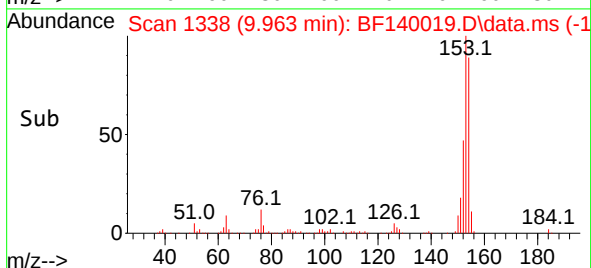
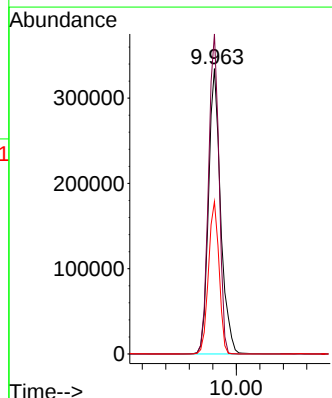
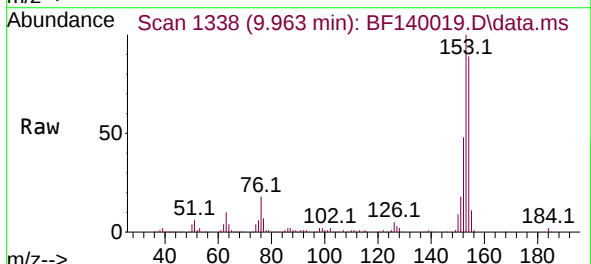
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

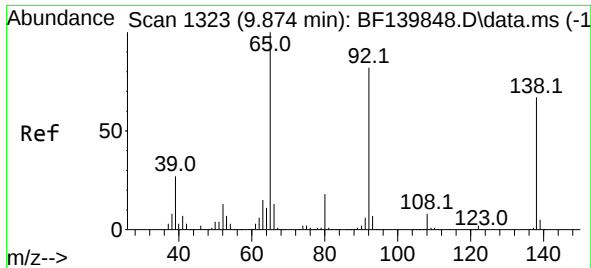
Tgt Ion:165 Resp: 114079
Ion Ratio Lower Upper
165 100
63 62.0 50.6 75.8
89 58.1 47.5 71.3



#52
Acenaphthene
Concen: 57.977 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:154 Resp: 477822
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.4 42.4 63.6

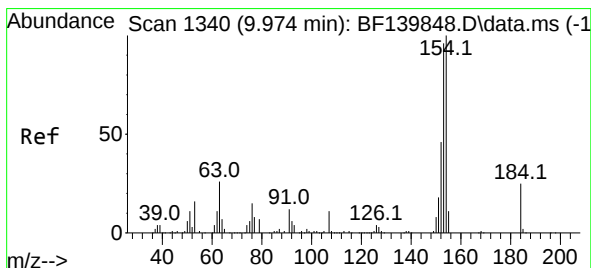
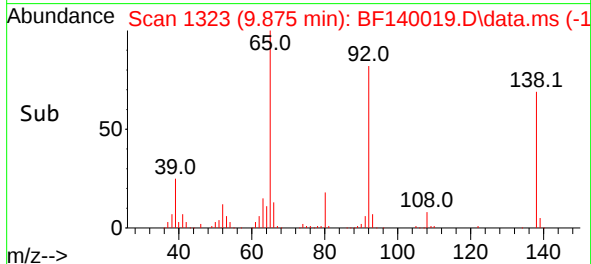
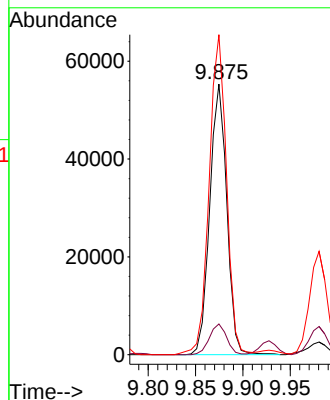
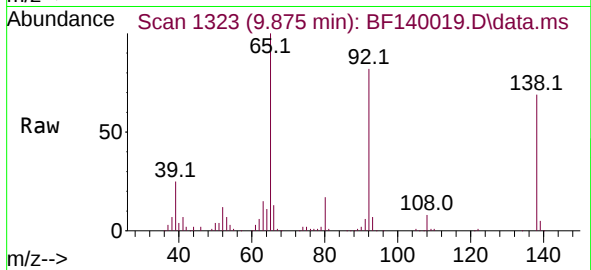




#53
3-Nitroaniline
Concen: 31.688 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

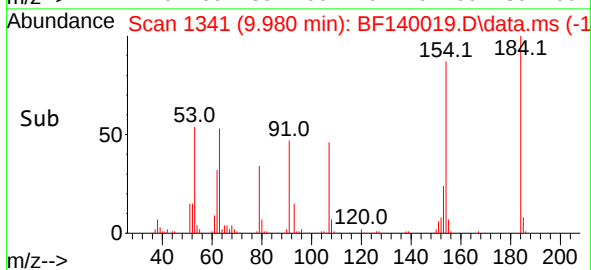
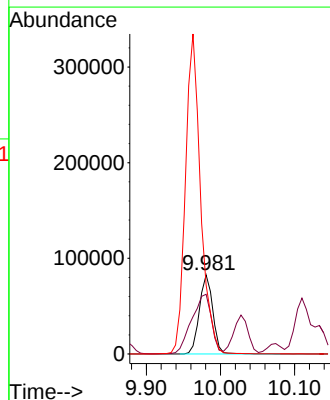
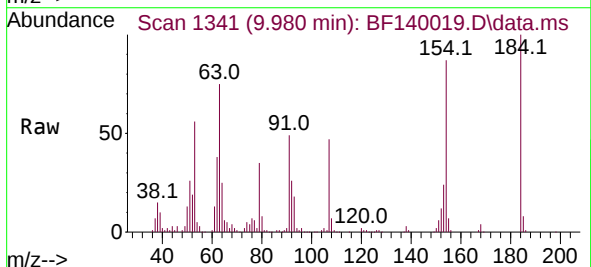
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

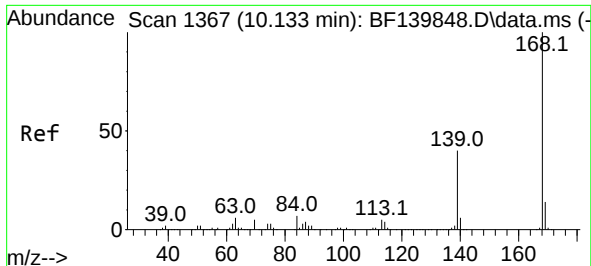
Tgt Ion:138 Resp: 69269
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 118.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 115.066 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:184 Resp: 104083
Ion Ratio Lower Upper
184 100
63 75.4 84.7 127.1#
154 87.3 338.2 507.2#

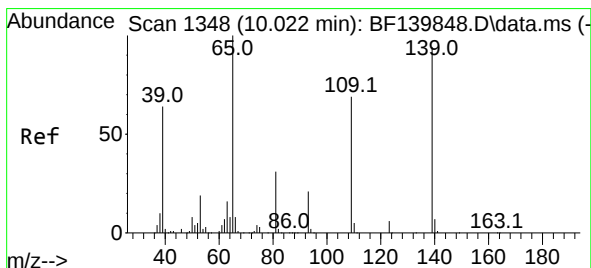
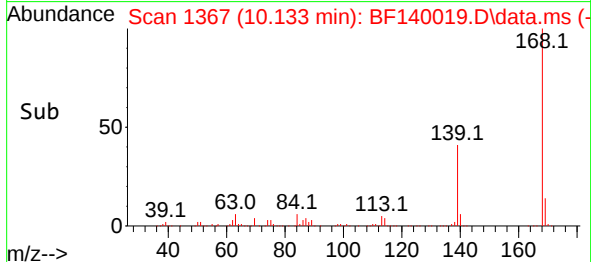
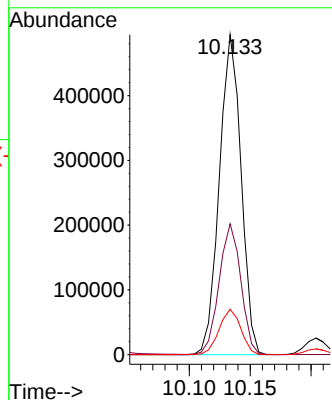
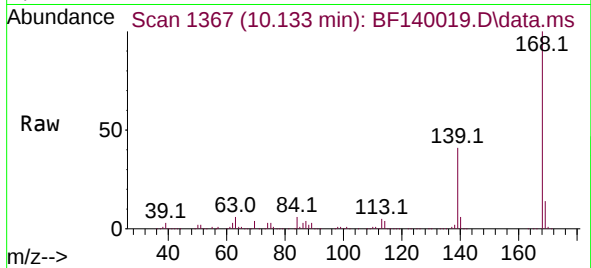




#55
Dibenzofuran
Concen: 51.916 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

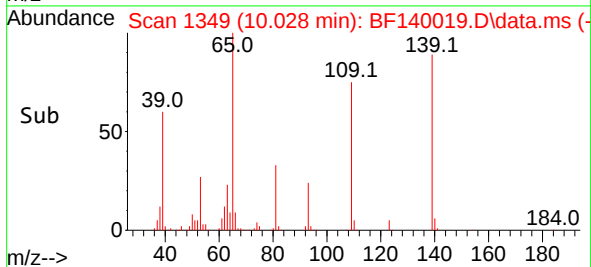
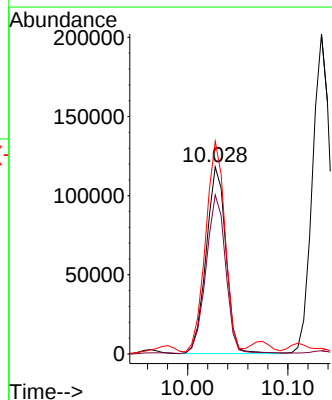
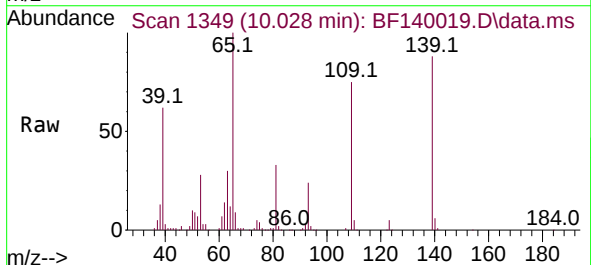
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

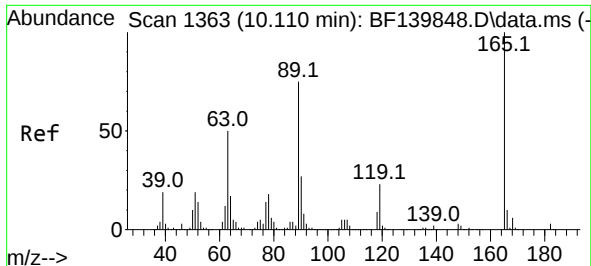
Tgt Ion:168 Resp: 613894
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 96.508 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:139 Resp: 162305
Ion Ratio Lower Upper
139 100
109 85.0 53.6 93.6
65 113.6 87.8 127.8

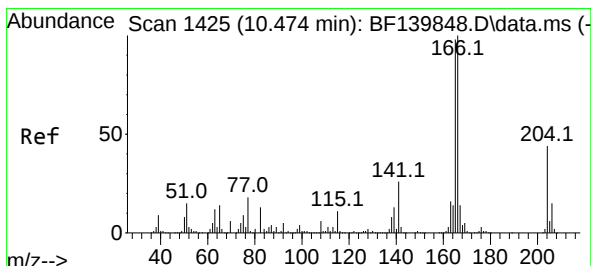
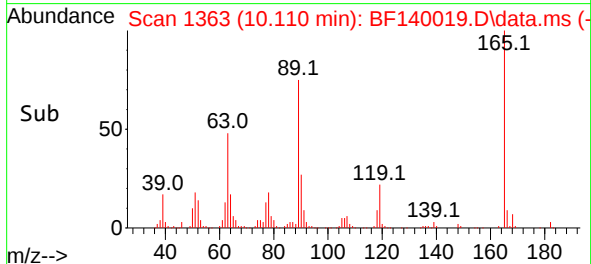
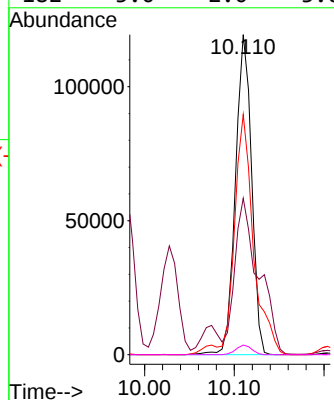
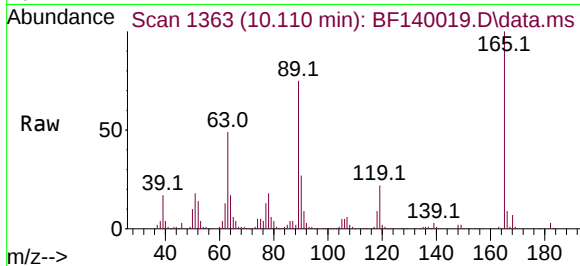




#57
2,4-Dinitrotoluene
Concen: 57.152 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

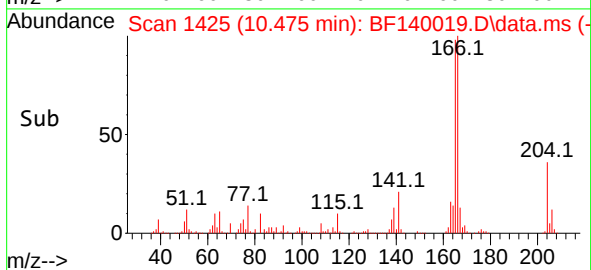
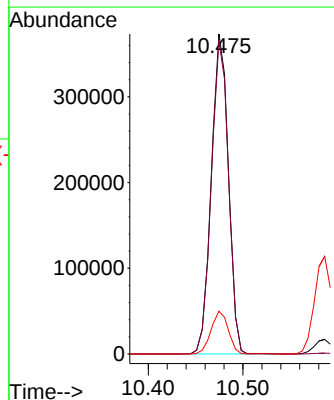
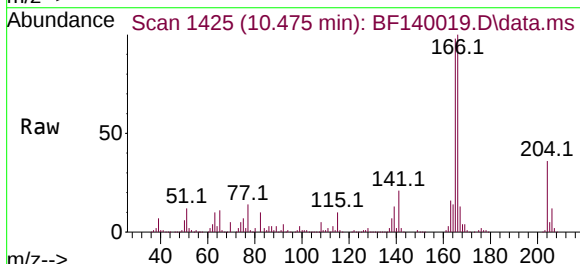
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:165 Resp: 148977
Ion Ratio Lower Upper
165 100
63 48.9 40.1 60.1
89 75.1 60.4 90.6
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 51.791 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:166 Resp: 466448
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.3 10.9 16.3

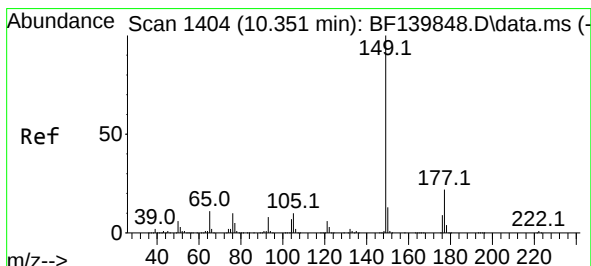
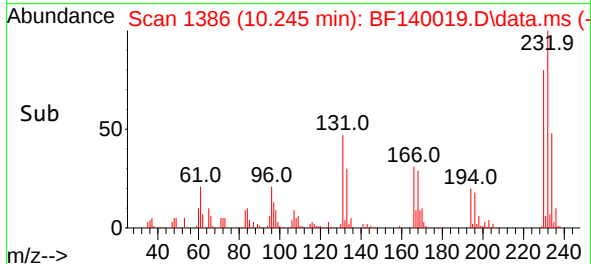
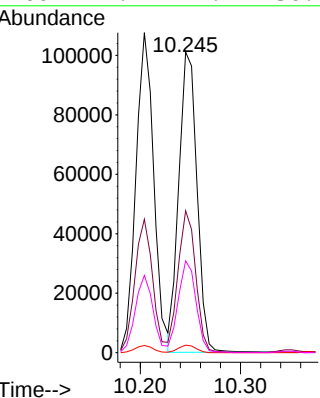
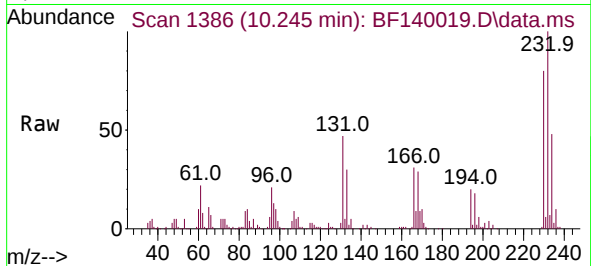




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.477 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

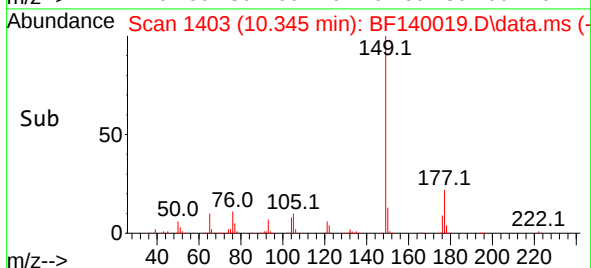
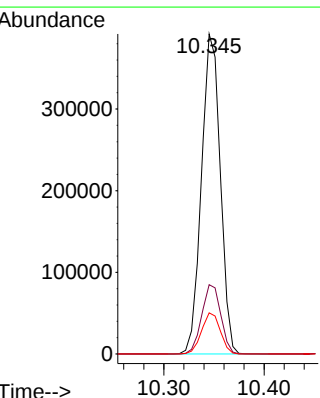
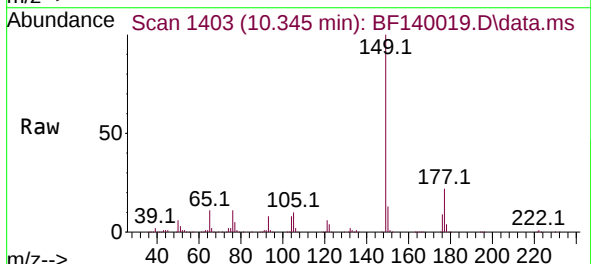
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

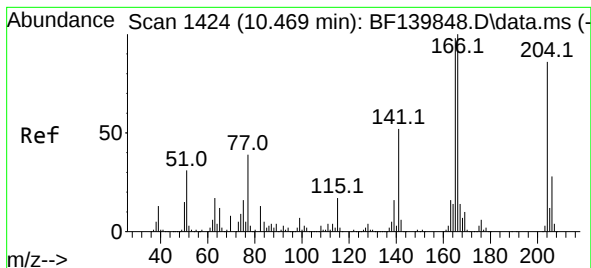
Tgt Ion:232 Resp: 127419
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.4 1.9 2.9
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 53.034 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:149 Resp: 509777
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.8 10.1 15.1

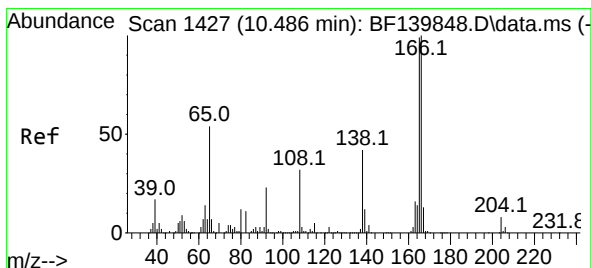
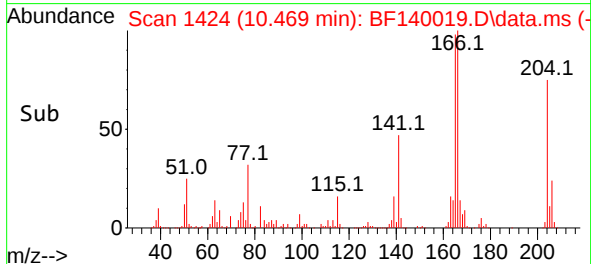
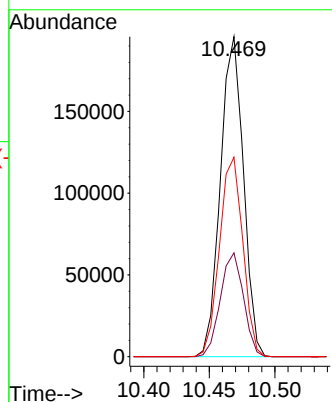
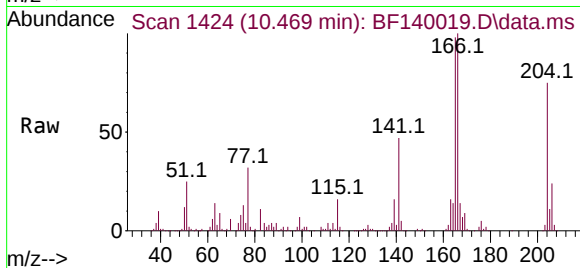




#61
4-Chlorophenyl-phenylether
Concen: 52.557 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

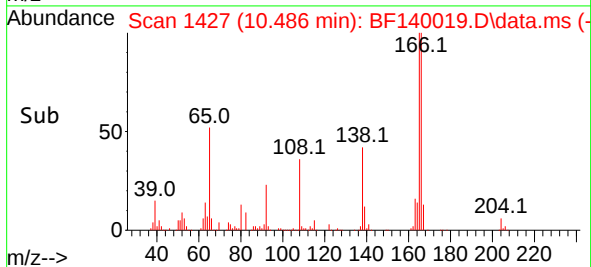
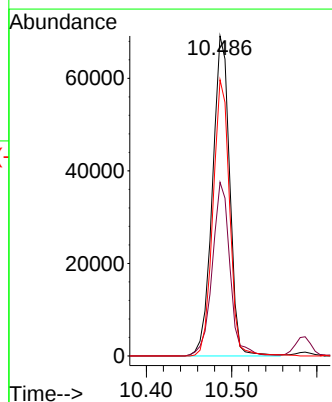
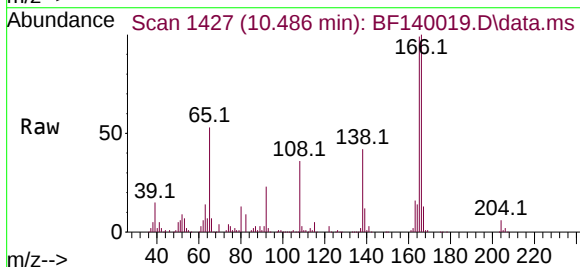
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

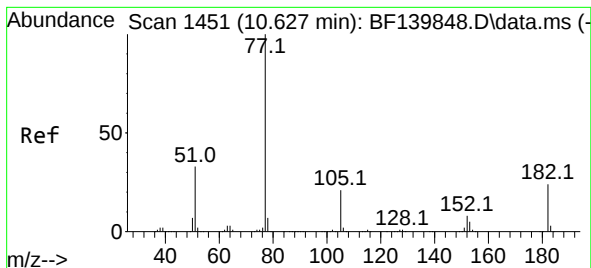
Tgt Ion:204 Resp: 239042
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 62.3 48.6 73.0



#62
4-Nitroaniline
Concen: 47.044 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:138 Resp: 97124
Ion Ratio Lower Upper
138 100
92 54.2 35.7 75.7
108 86.3 57.5 97.5





#63

Azobenzene

Concen: 55.357 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

Tgt Ion: 77 Resp: 564117

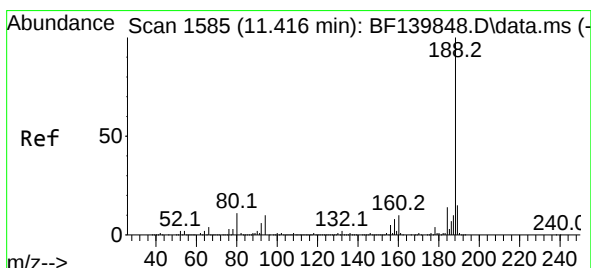
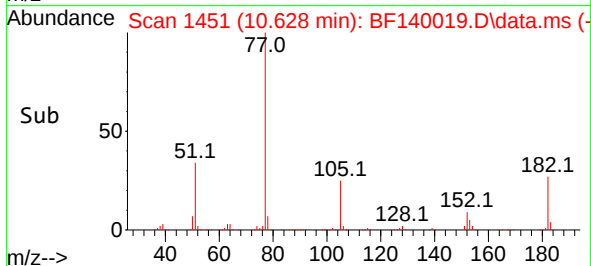
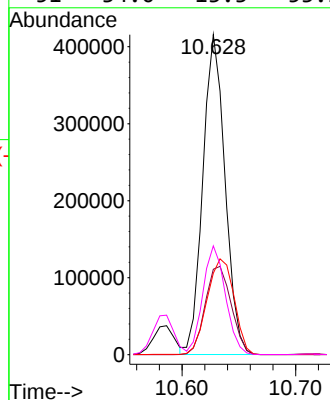
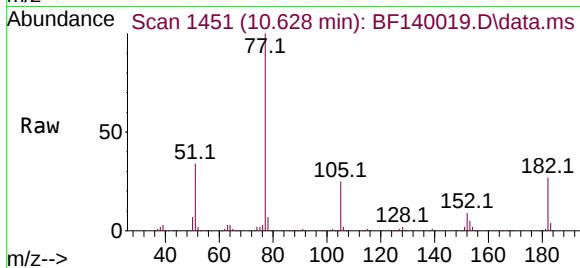
Ion Ratio Lower Upper

77 100

182 26.7 3.3 43.3

105 25.4 1.2 41.2

51 34.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

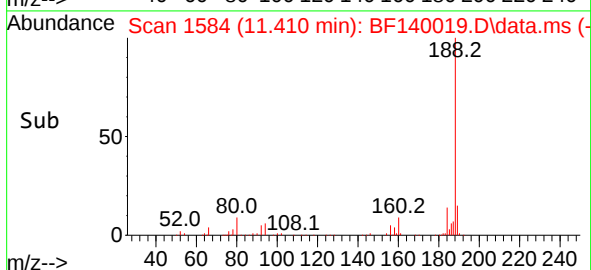
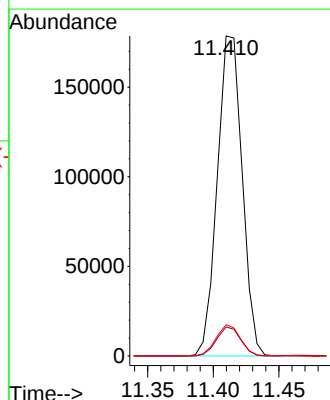
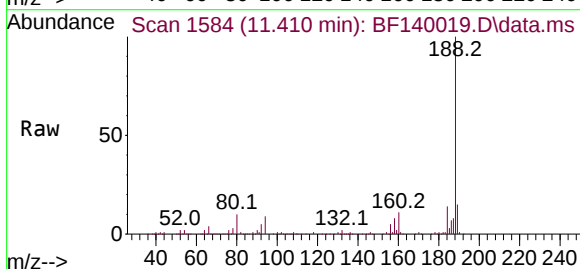
Tgt Ion:188 Resp: 235869

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.7 9.0 13.4

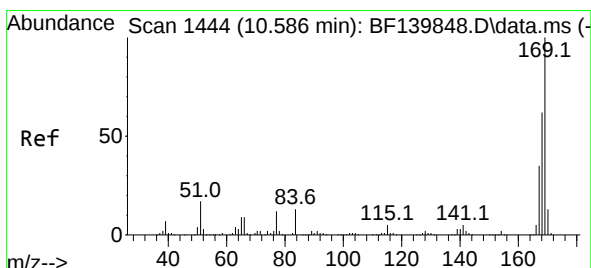
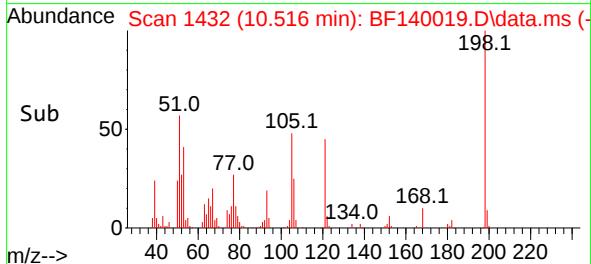
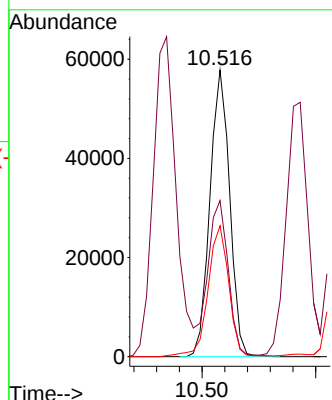
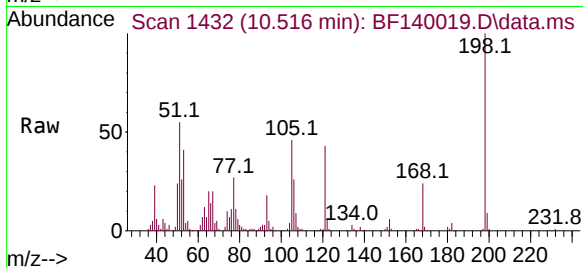




#65
4,6-Dinitro-2-methylphenol
Concen: 72.442 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

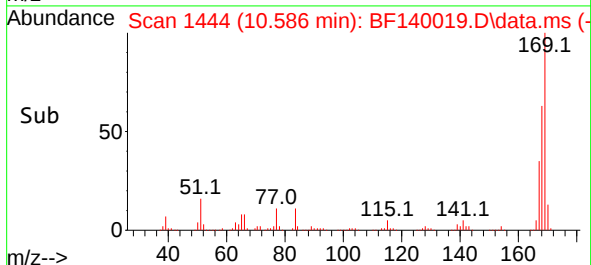
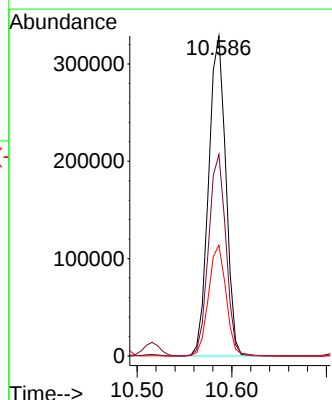
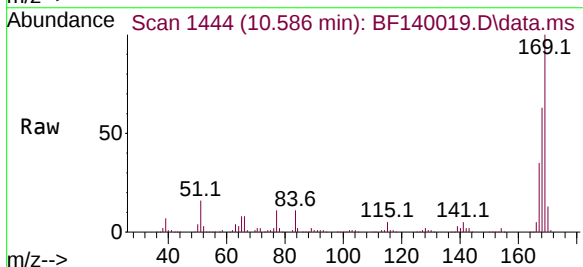
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

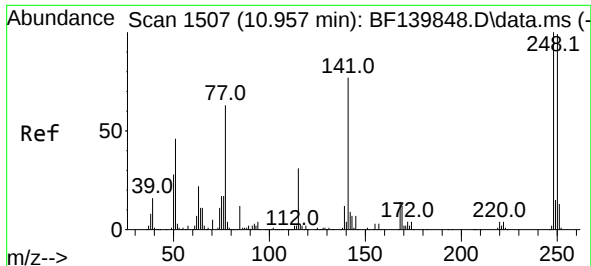
Tgt Ion:198 Resp: 69696
Ion Ratio Lower Upper
198 100
51 54.5 38.2 78.2
105 45.7 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 58.618 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:169 Resp: 413815
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 34.7 28.0 42.0

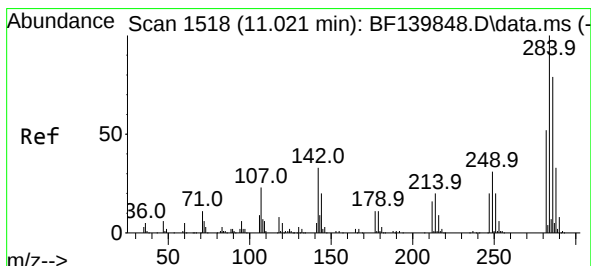
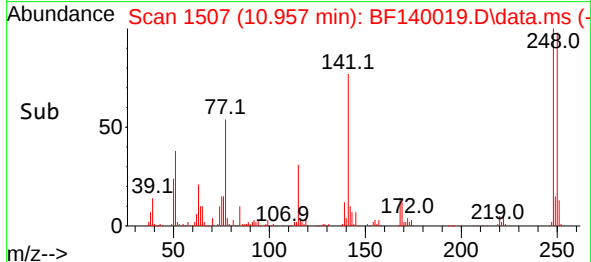
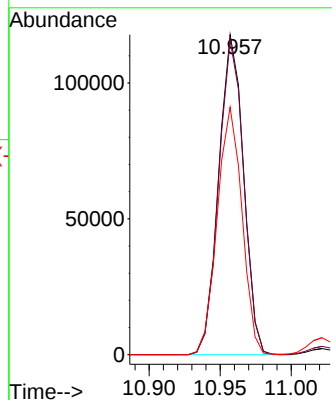
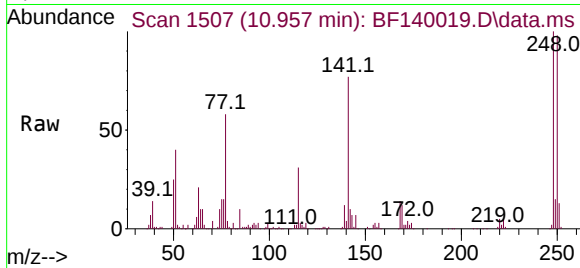




#67
4-Bromophenyl-phenylether
Concen: 59.106 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

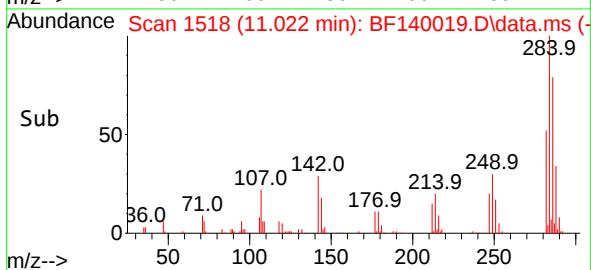
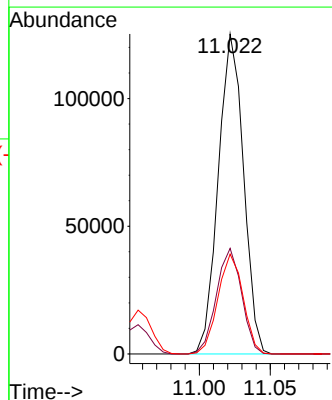
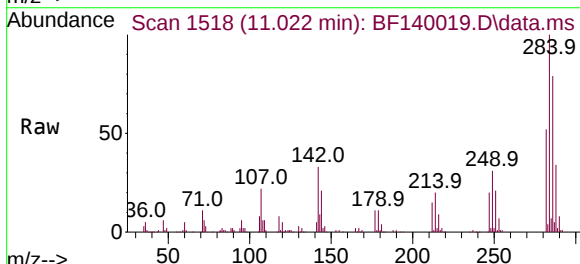
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:248 Resp: 143622
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 77.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 56.590 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:284 Resp: 154649
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 68.003 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

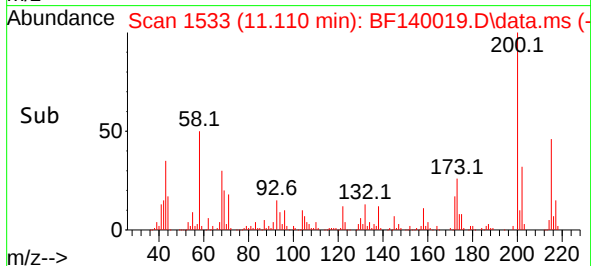
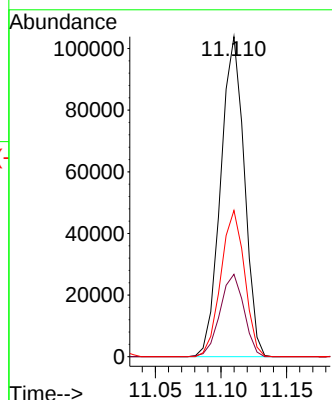
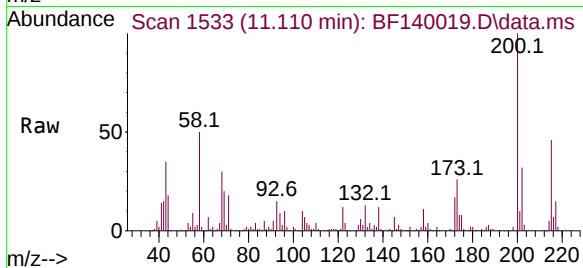
Tgt Ion:200 Resp: 130044

Ion Ratio Lower Upper

200 100

173 25.8 7.7 47.7

215 45.7 27.7 67.7



#70

Pentachlorophenol

Concen: 104.258 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

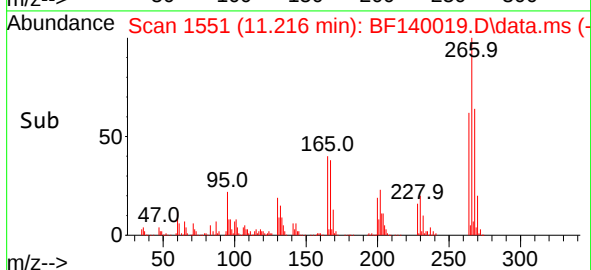
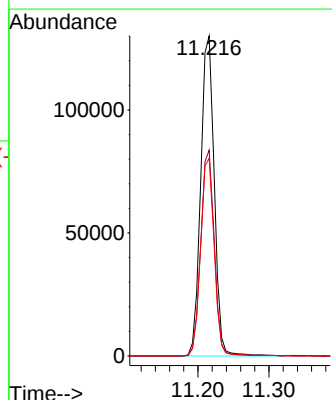
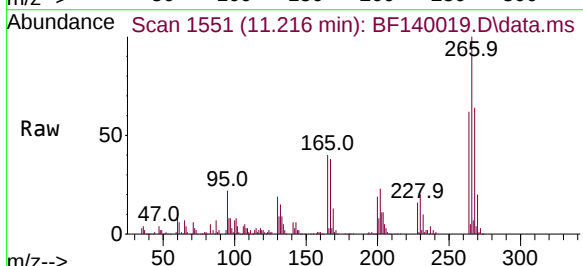
Tgt Ion:266 Resp: 172918

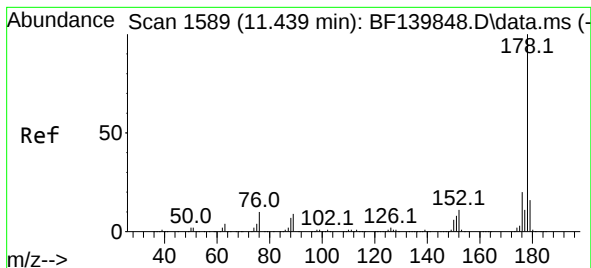
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

264 61.8 50.6 75.8





#71

Phenanthrene

Concen: 54.123 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

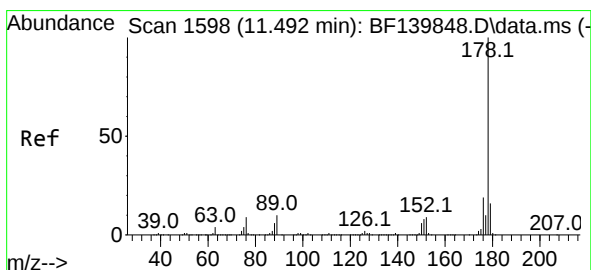
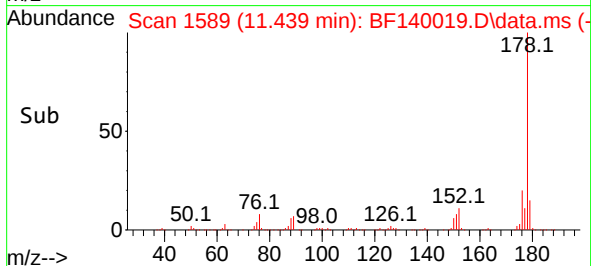
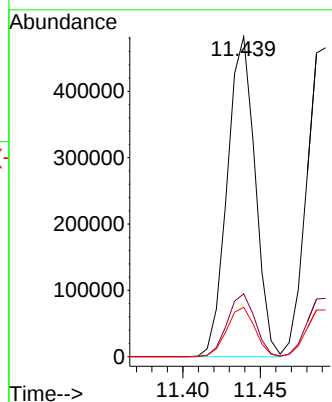
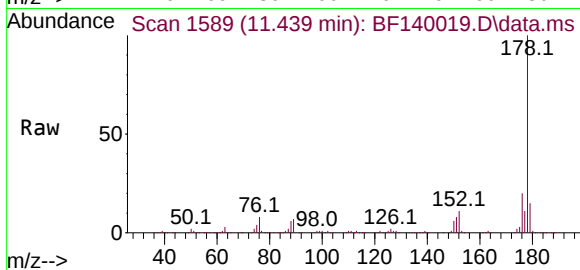
Tgt Ion:178 Resp: 603012

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.4 12.6 18.8



#72

Anthracene

Concen: 56.029 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

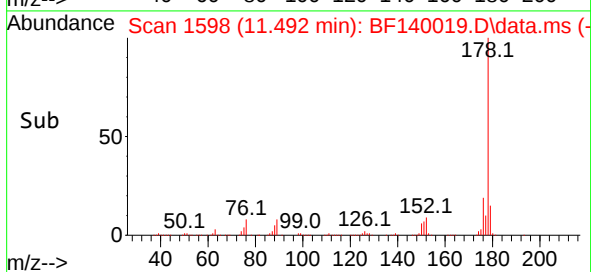
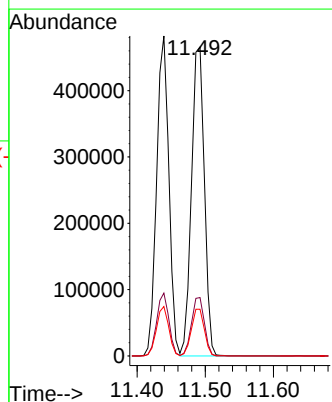
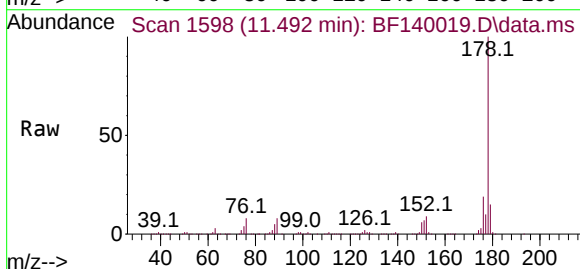
Tgt Ion:178 Resp: 609069

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.1 12.4 18.6





#73

Carbazole

Concen: 48.385 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

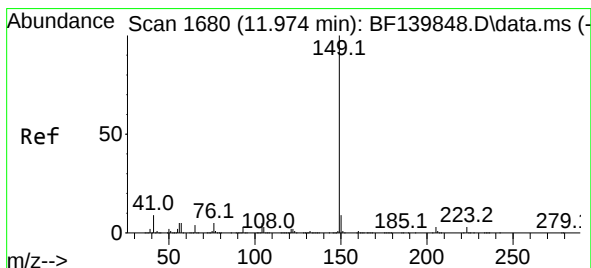
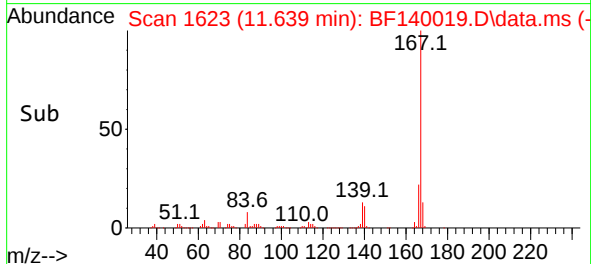
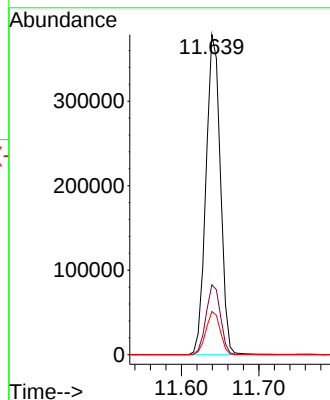
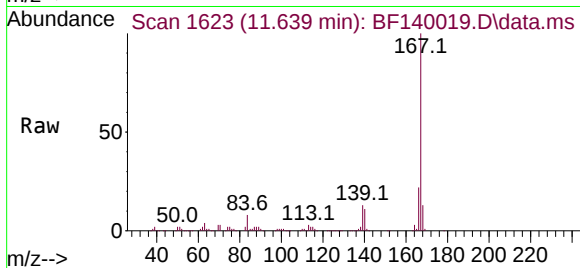
Tgt Ion:167 Resp: 489169

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 56.763 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

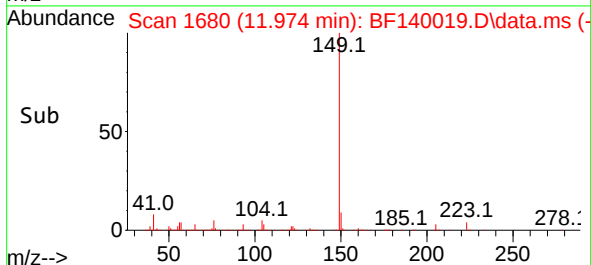
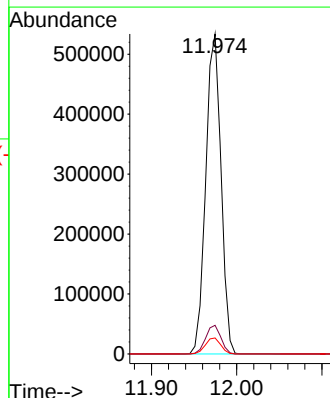
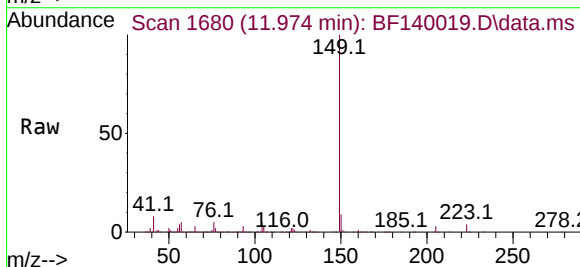
Tgt Ion:149 Resp: 663005

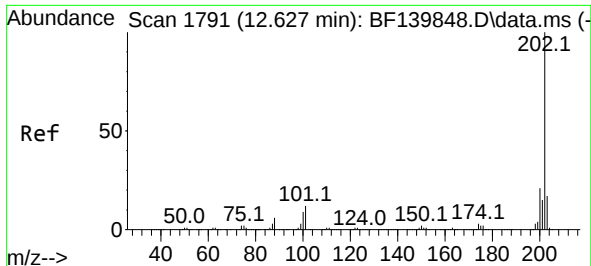
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 5.0 4.1 6.1

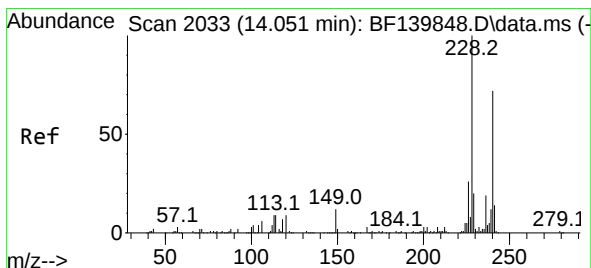
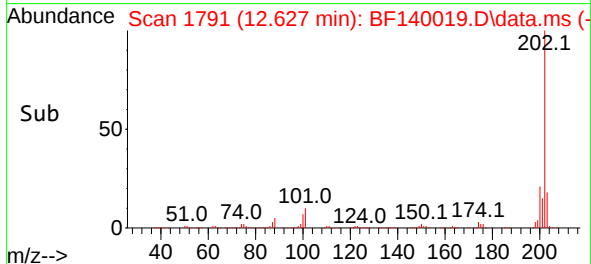
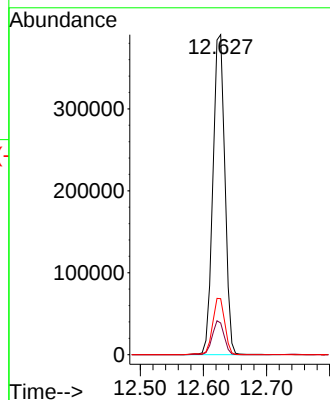
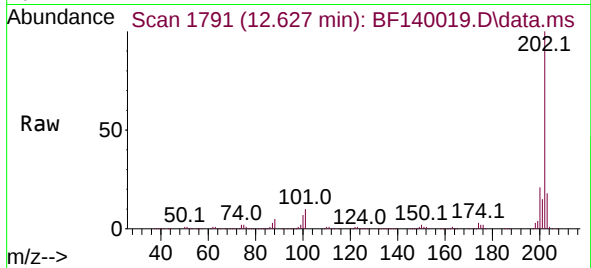




#75
Fluoranthene
Concen: 45.642 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

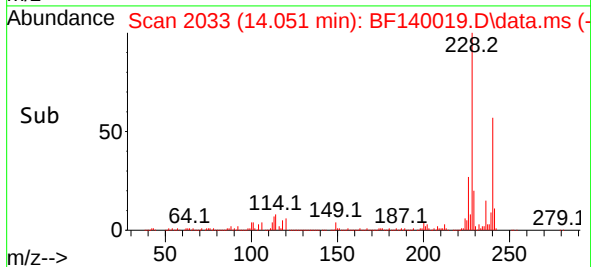
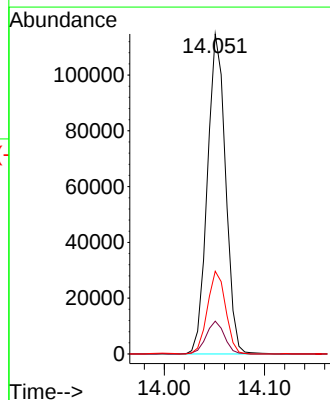
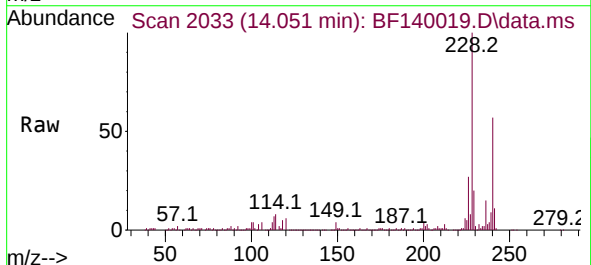
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

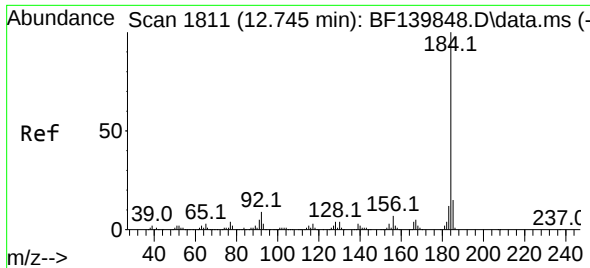
Tgt Ion:202 Resp: 514071
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:240 Resp: 144960
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.8 20.9 31.3

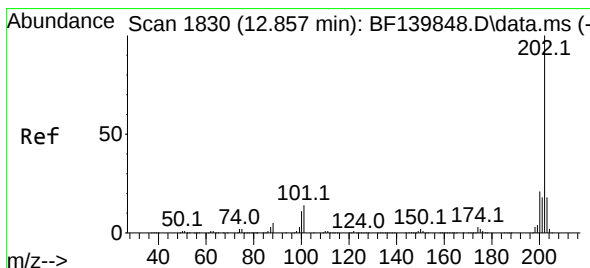
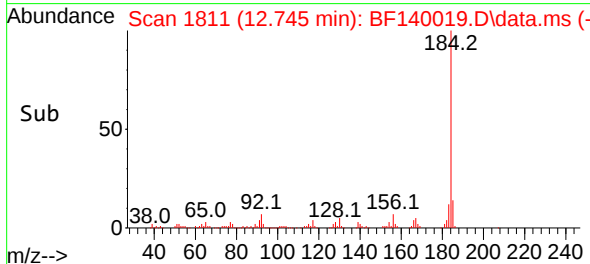
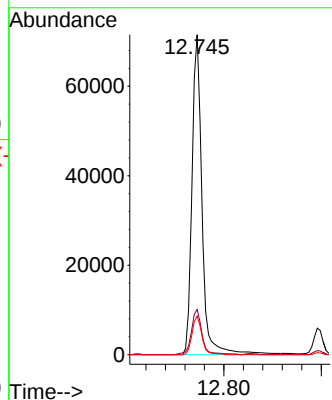
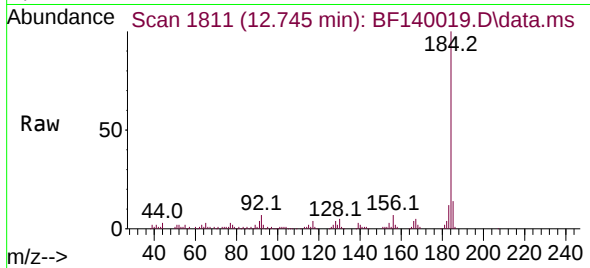




#77
Benzidine
Concen: 42.955 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

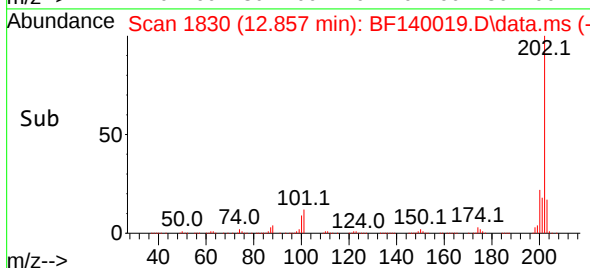
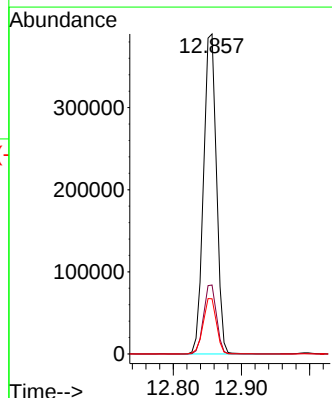
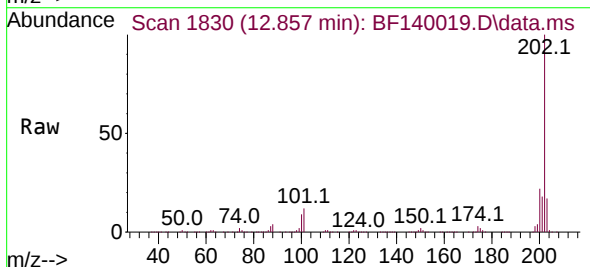
Instrument :
BNA_F
ClientSampleId :
BP-F27MS

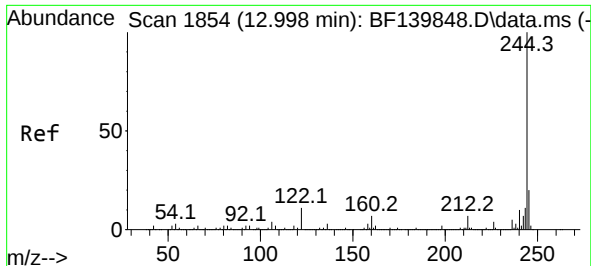
Tgt Ion:184 Resp: 102388
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 12.0 9.4 14.2



#78
Pyrene
Concen: 40.612 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:202 Resp: 515322
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.2 14.2 21.4

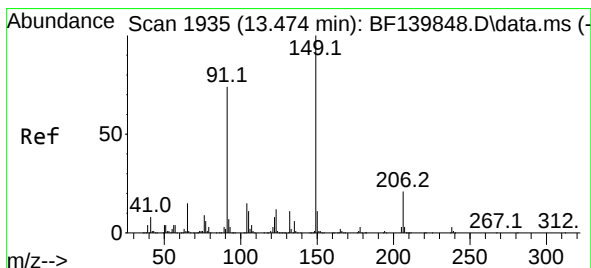
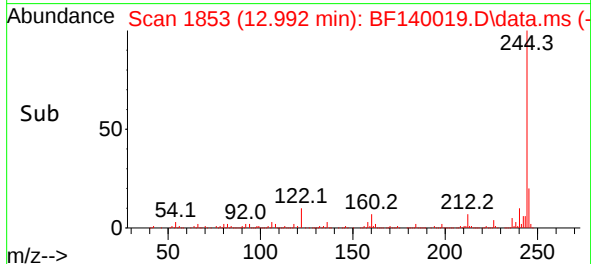
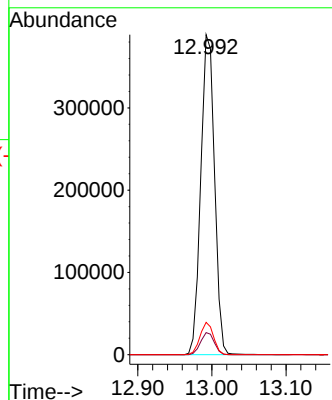
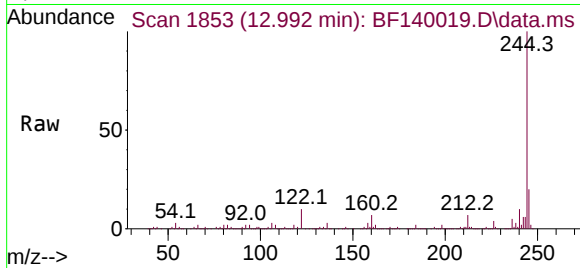




#79
 Terphenyl-d14
 Concen: 56.405 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140019.D
 Acq: 24 Oct 2024 23:54

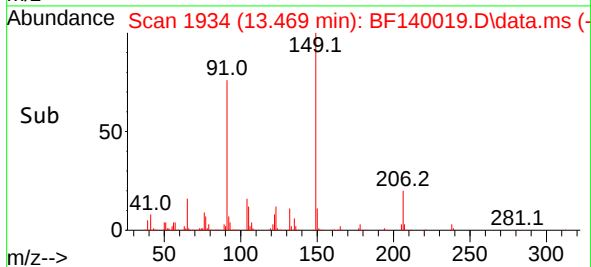
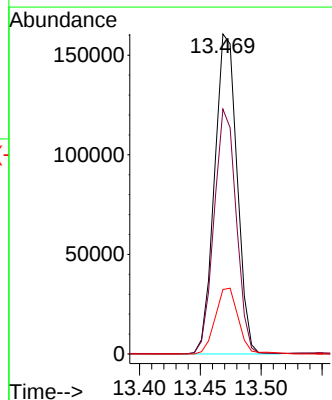
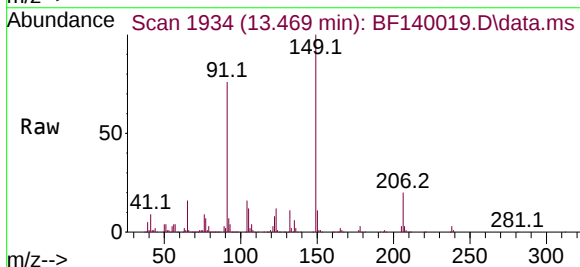
Instrument :
 BNA_F
 ClientSampleId :
 BP-F27MS

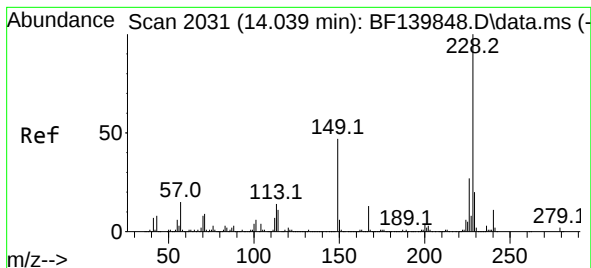
Tgt Ion:244 Resp: 501785
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.1 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 54.457 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF140019.D
 Acq: 24 Oct 2024 23:54

Tgt Ion:149 Resp: 207161
 Ion Ratio Lower Upper
 149 100
 91 76.5 59.4 89.2
 206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.575 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

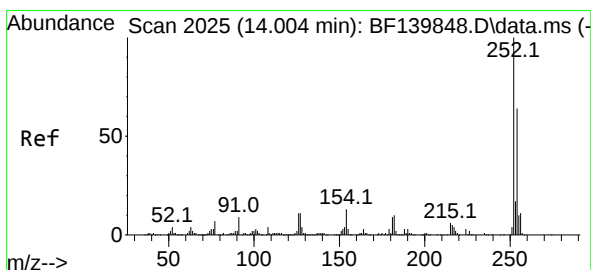
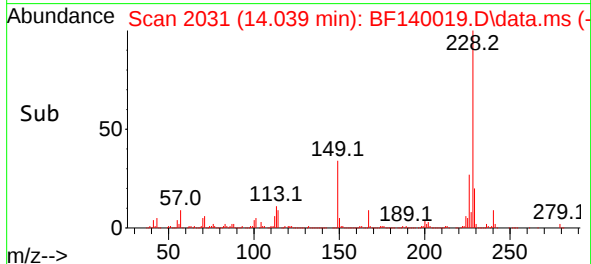
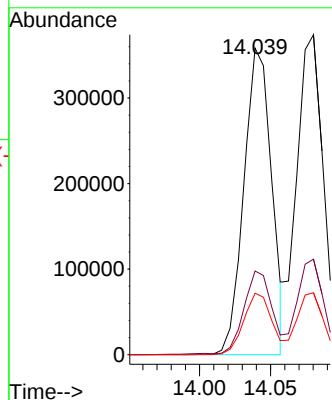
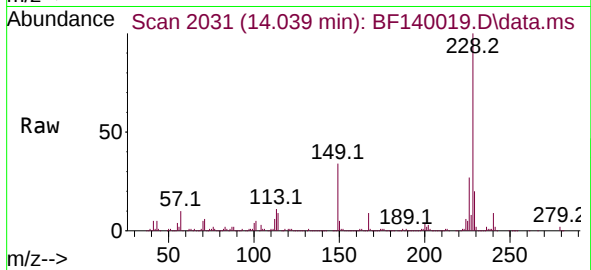
Tgt Ion:228 Resp: 486686

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.857 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

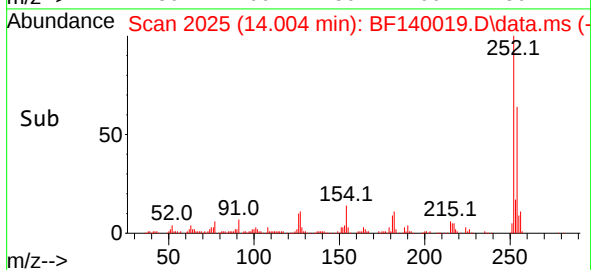
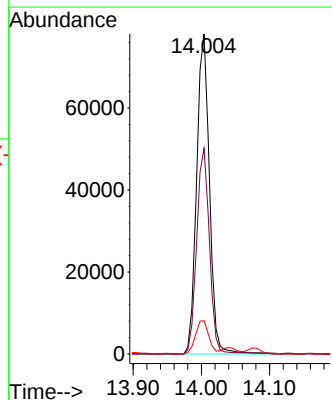
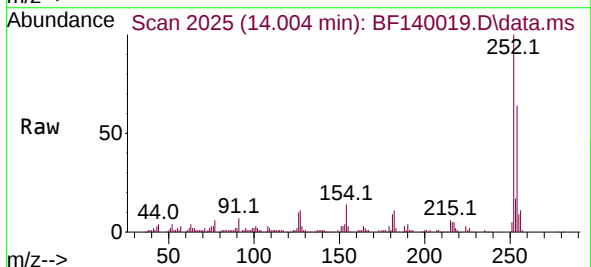
Tgt Ion:252 Resp: 101407

Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 10.4 8.9 13.3





#83

Chrysene

Concen: 56.008 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

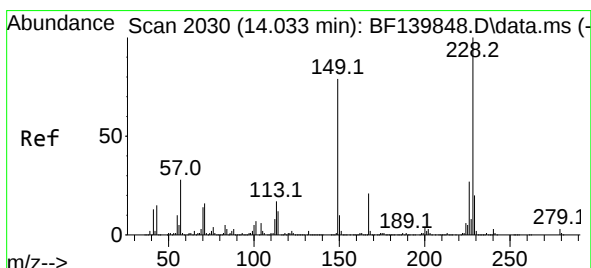
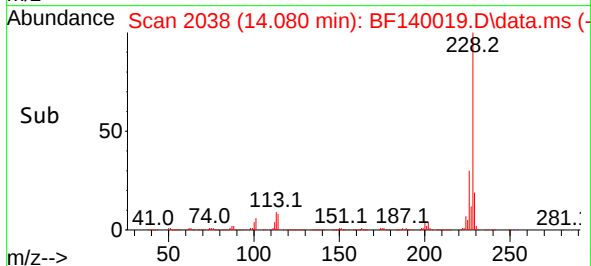
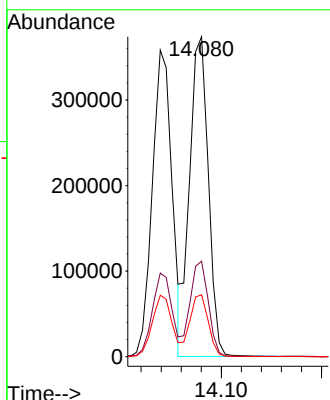
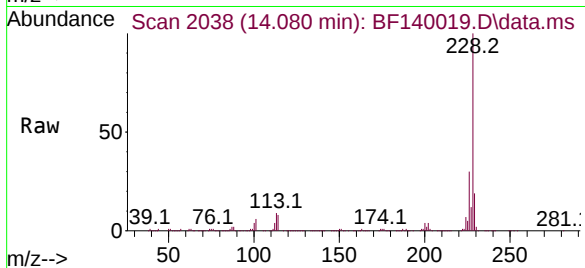
Tgt Ion:228 Resp: 484584

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.381 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

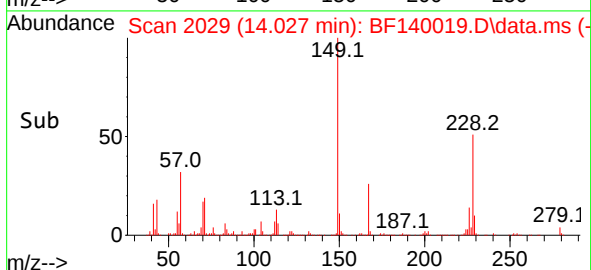
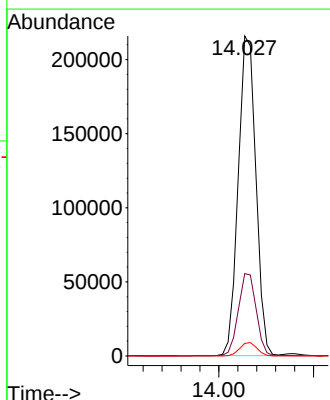
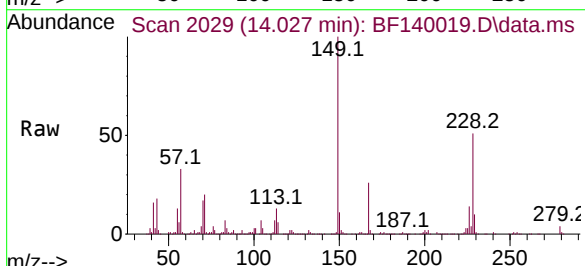
Tgt Ion:149 Resp: 279047

Ion Ratio Lower Upper

149 100

167 25.7 21.4 32.0

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 68.496 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

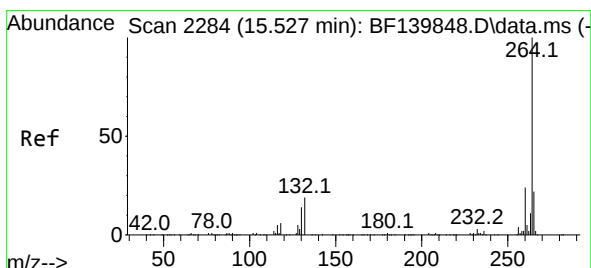
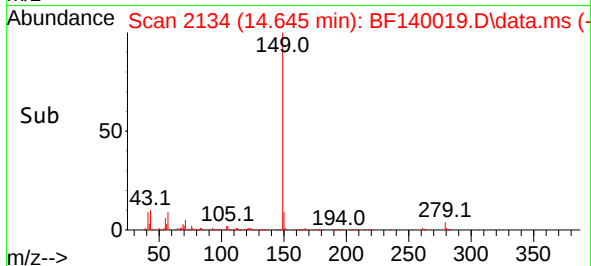
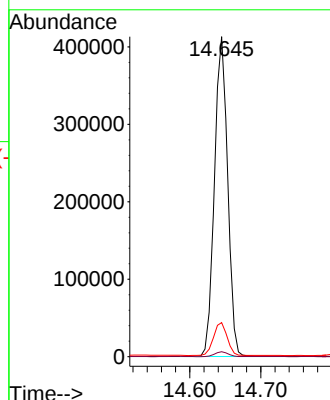
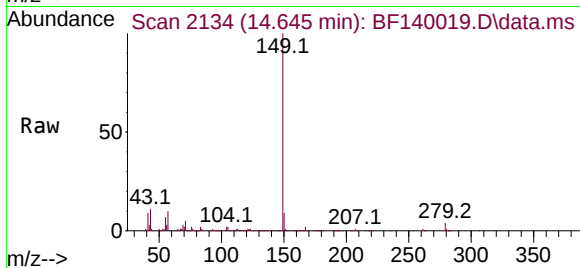
Tgt Ion:149 Resp: 531738

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

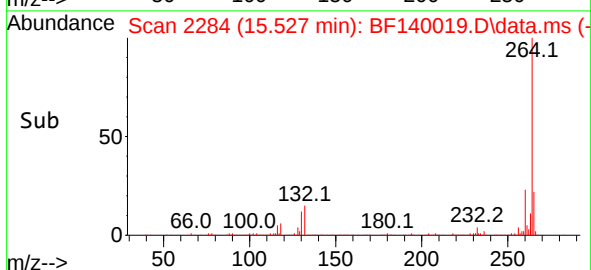
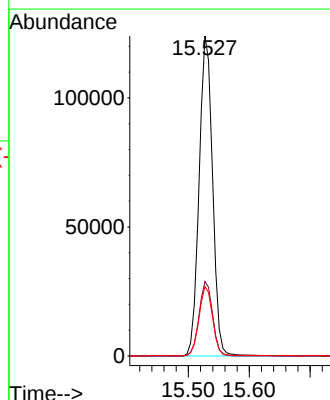
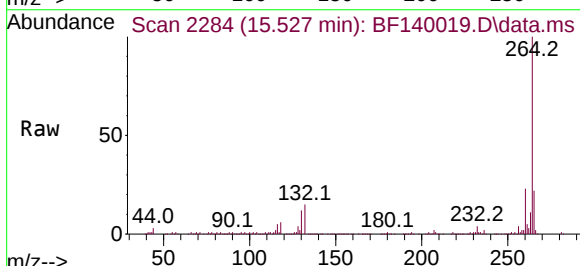
Tgt Ion:264 Resp: 189728

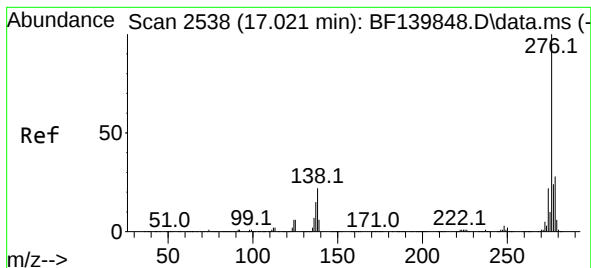
Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.718 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

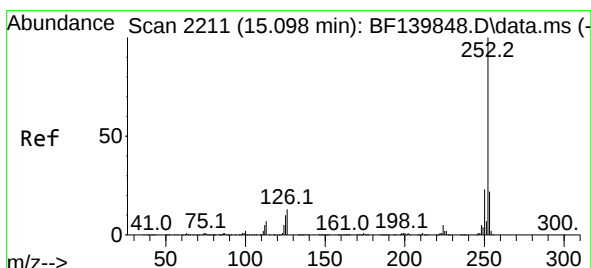
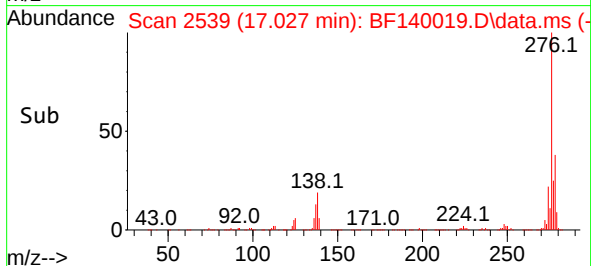
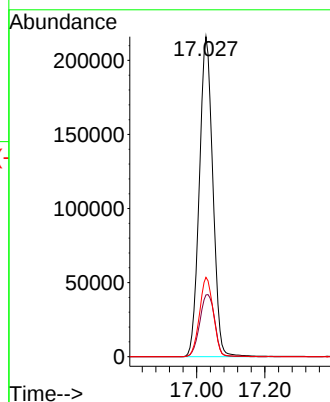
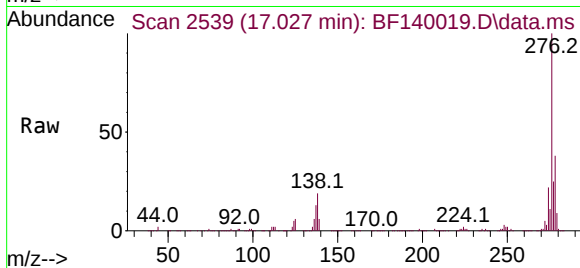
Tgt Ion:276 Resp: 594637

Ion Ratio Lower Upper

276 100

138 21.6 20.4 30.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.880 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

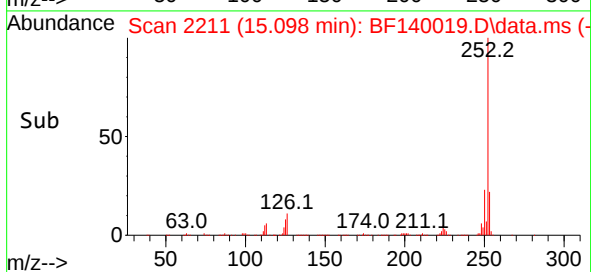
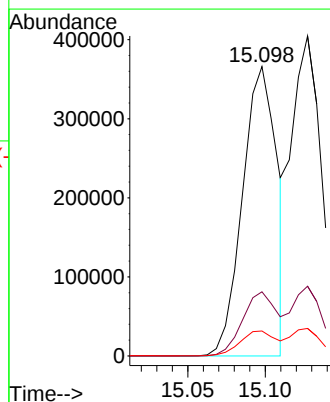
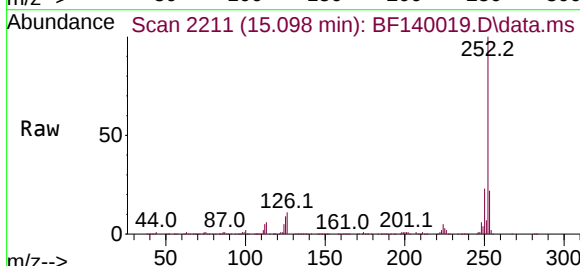
Tgt Ion:252 Resp: 564921

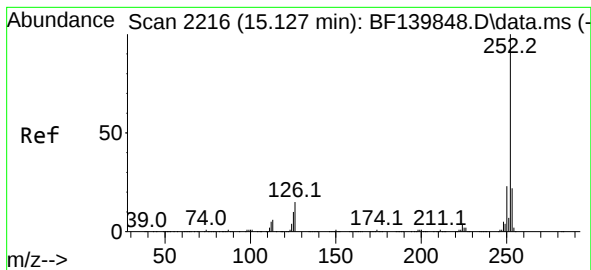
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 55.245 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

Instrument :

BNA_F

ClientSampleId :

BP-F27MS

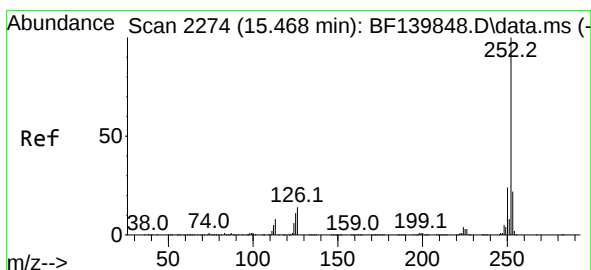
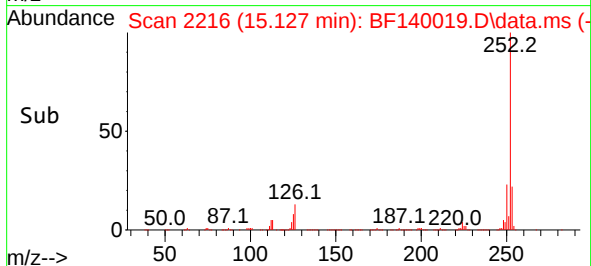
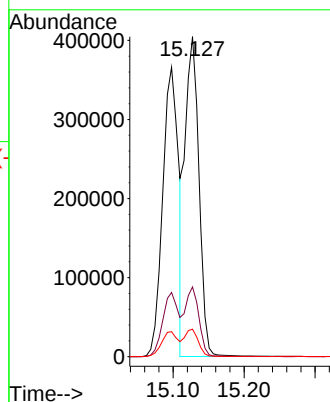
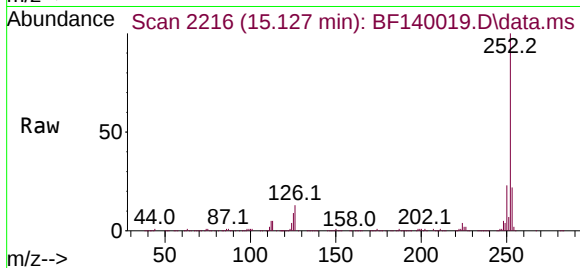
Tgt Ion:252 Resp: 550640

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.6 7.9 11.9



#90

Benzo(a)pyrene

Concen: 57.392 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140019.D

Acq: 24 Oct 2024 23:54

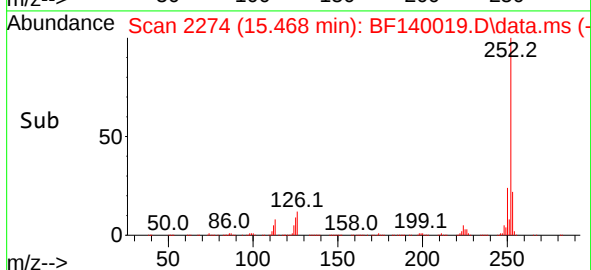
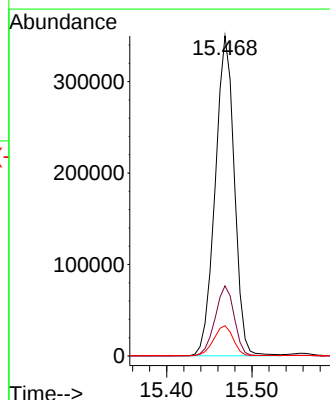
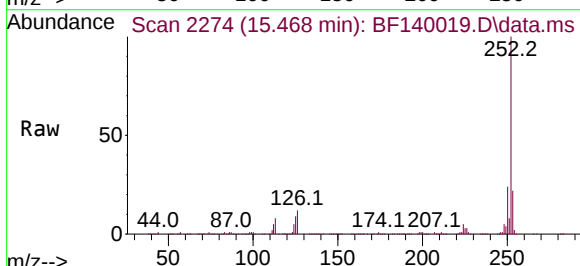
Tgt Ion:252 Resp: 545784

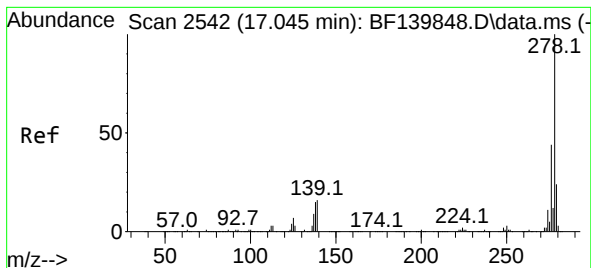
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.5 8.7 13.1

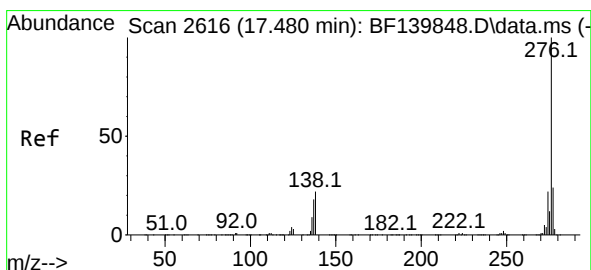
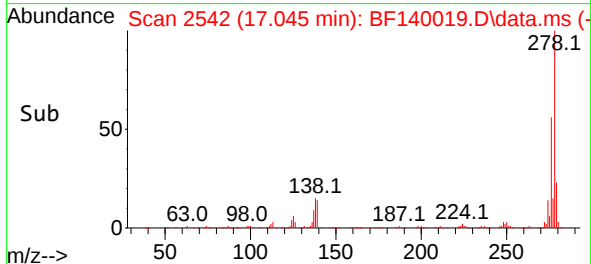
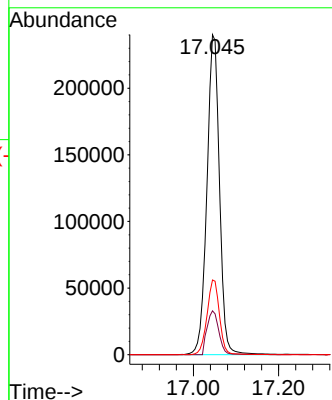
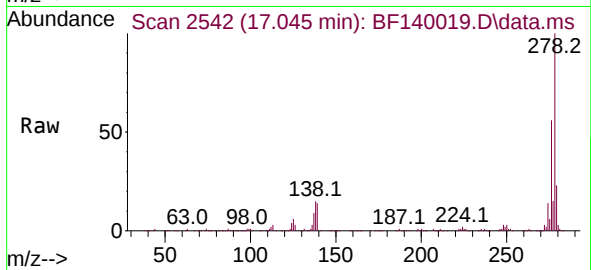




#91
Dibenzo(a,h)anthracene
Concen: 48.240 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Instrument :
BNA_F
ClientSampleId :
BP-F27MS

Tgt Ion:278 Resp: 491193
Ion Ratio Lower Upper
278 100
139 13.7 13.1 19.7
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.728 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140019.D
Acq: 24 Oct 2024 23:54

Tgt Ion:276 Resp: 414231
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 18.3 17.4 26.0

