

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140816.D
 Acq On : 10 Dec 2024 19:44
 Operator : RC/JU
 Sample : P5216-13MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12MSD

Quant Time: Dec 11 00:34:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	64728	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	239429	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	130294	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	200873	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	111835	20.000	ng	0.00
86) Perylene-d12	15.551	264	82889	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	413281	108.940	ng	0.02
7) Phenol-d6	6.522	99	535513	106.775	ng	0.00
23) Nitrobenzene-d5	7.433	82	360032	76.915	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	146245	104.948	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	688514	78.733	ng	-0.01
79) Terphenyl-d14	12.974	244	488778	68.055	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	71105	44.579	ng	99
3) Pyridine	3.551	79	172414	49.128	ng	99
4) n-Nitrosodimethylamine	3.463	42	97375	47.209	ng	# 99
6) Aniline	6.539	93	50634	14.344	ng	# 1
8) 2-Chlorophenol	6.663	128	206180	50.517	ng	94
9) Benzaldehyde	6.422	77	55636	20.955	ng	99
10) Phenol	6.534	94	248011	48.422	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	192582	49.135	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221311	48.257	ng	99
13) 1,4-Dichlorobenzene	6.881	146	225131	48.482	ng	100
14) 1,2-Dichlorobenzene	7.033	146	212190	48.766	ng	99
15) Benzyl Alcohol	7.022	79	185639	49.912	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.133	45	227438	49.119	ng	# 60
17) 2-Methylphenol	7.133	107	156997	48.053	ng	92
18) Hexachloroethane	7.369	117	84586	48.772	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	147542	49.777	ng	99
20) 3+4-Methylphenols	7.292	107	207442	49.398	ng	# 68
22) Acetophenone	7.281	105	287946	49.330	ng	96
24) Nitrobenzene	7.451	77	222156	45.920	ng	98
25) Isophorone	7.698	82	391091	50.093	ng	99
26) 2-Nitrophenol	7.763	139	109474	51.063	ng	99
27) 2,4-Dimethylphenol	7.810	122	153837	59.972	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	233415	49.075	ng	100
29) 2,4-Dichlorophenol	8.016	162	168536	49.584	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	183881	47.381	ng	99
31) Naphthalene	8.169	128	609579	49.428	ng	99
32) Benzoic acid	7.957	122	96274	43.859	ng	100
33) 4-Chloroaniline	8.245	127	8544	2.314	ng	96
34) Hexachlorobutadiene	8.275	225	128500	49.989	ng	99
35) Caprolactam	8.639	113	38988	37.065	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	175442	46.101	ng	98
37) 2-Methylnaphthalene	8.857	142	398306	50.848	ng	100
38) 1-Methylnaphthalene	8.957	142	364963	47.533	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	200680	52.612	ng	100
41) Hexachlorocyclopentadiene	9.004	237	85006	97.401	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	126811	52.982	ng	98

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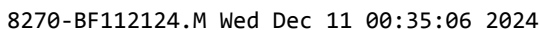
Instrument :
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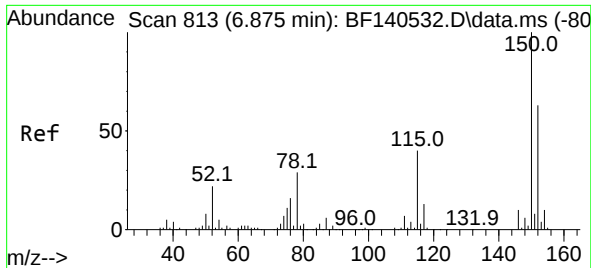
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	128782	49.577	ng	97
46) 1,1'-Biphenyl	9.322	154	495757	50.963	ng	100
47) 2-Chloronaphthalene	9.351	162	366171	49.677	ng	99
48) 2-Nitroaniline	9.457	65	94439	39.916	ng	95
49) Acenaphthylene	9.763	152	574608	51.594	ng	99
50) Dimethylphthalate	9.627	163	414648	48.321	ng	100
51) 2,6-Dinitrotoluene	9.692	165	86730	44.565	ng	97
52) Acenaphthene	9.939	154	356109	50.323	ng	99
53) 3-Nitroaniline	9.869	138	23431	12.310	ng	# 97
54) 2,4-Dinitrophenol	9.986	184	63102	64.307	ng	99
55) Dibenzofuran	10.110	168	522539	48.411	ng	99
56) 4-Nitrophenol	10.063	139	67966	52.357	ng	99
57) 2,4-Dinitrotoluene	10.104	165	108231	41.845	ng	# 89
58) Fluorene	10.451	166	412547	47.617	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	101902	51.044	ng	94
60) Diethylphthalate	10.322	149	408841	46.893	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	211637	49.775	ng	99
62) 4-Nitroaniline	10.486	138	36150	18.108	ng	95
63) Azobenzene	10.604	77	404264	48.964	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	46049	44.861	ng	99
66) n-Nitrosodiphenylamine	10.563	169	331051	55.729	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	119906	57.962	ng	98
68) Hexachlorobenzene	11.004	284	138687	57.899	ng	99
69) Atrazine	11.098	200	86460	51.737	ng	98
70) Pentachlorophenol	11.210	266	110820	105.118	ng	99
71) Phenanthrene	11.421	178	505717	52.375	ng	99
72) Anthracene	11.474	178	505475	53.517	ng	99
73) Carbazole	11.633	167	352151	38.756	ng	99
74) Di-n-butylphthalate	11.951	149	484793	46.214	ng	99
75) Fluoranthene	12.610	202	462073	44.075	ng	100
78) Pyrene	12.845	202	463936	44.866	ng	99
80) Butylbenzylphthalate	13.451	149	177789	47.728	ng	99
81) Benzo(a)anthracene	14.039	228	393593	53.166	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	32348	14.554	ng	# 95
83) Chrysene	14.074	228	342680	50.623	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	250068	53.164	ng	97
85) Di-n-octyl phthalate	14.639	149	394127	61.312	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	220551	40.829	ng	98
88) Benzo(b)fluoranthene	15.109	252	328713	63.137	ng	99
89) Benzo(k)fluoranthene	15.139	252	243437	53.432	ng	100
90) Benzo(a)pyrene	15.486	252	233487	55.156	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	169209	38.249	ng	99
92) Benzo(g,h,i)perylene	17.527	276	163180	36.147	ng	99

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

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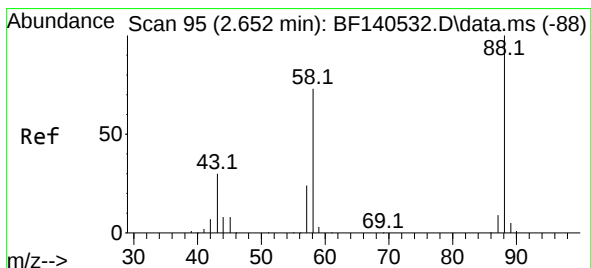
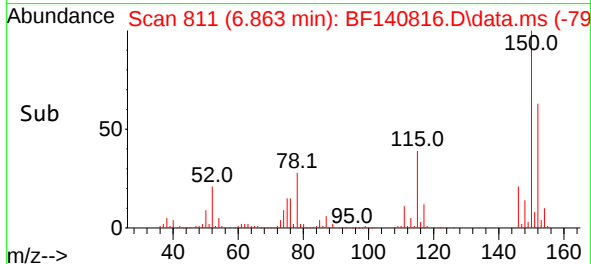
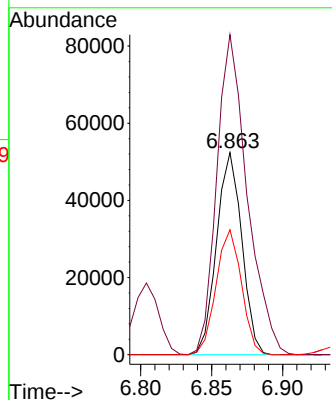
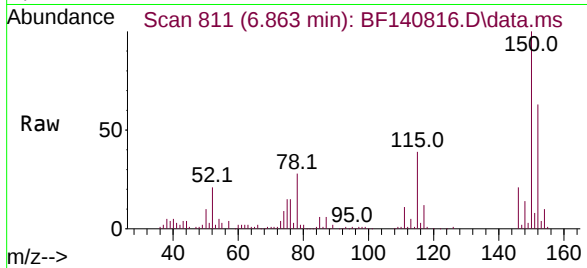




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140816.D
 Acq: 10 Dec 2024 19:44

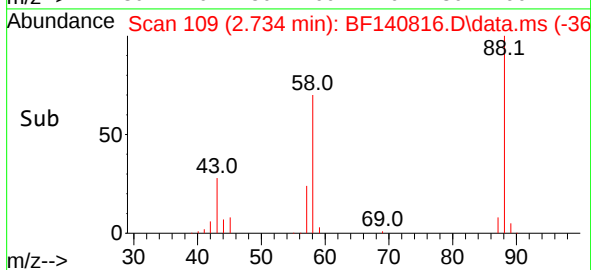
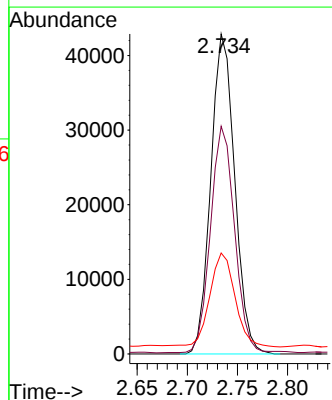
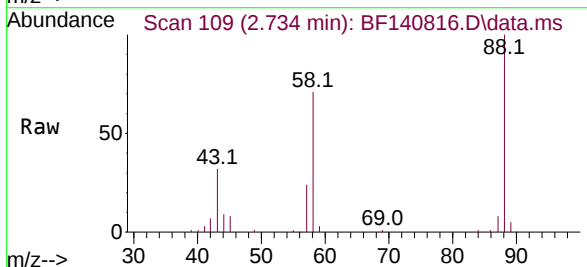
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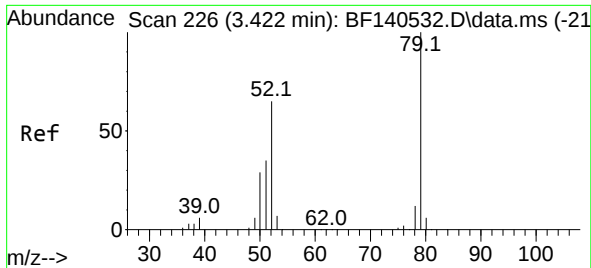
Tgt Ion:152 Resp: 64728
 Ion Ratio Lower Upper
 152 100
 150 158.3 128.5 192.7
 115 61.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.579 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140816.D
 Acq: 10 Dec 2024 19:44

Tgt Ion: 88 Resp: 71105
 Ion Ratio Lower Upper
 88 100
 58 71.5 57.4 86.2
 43 31.0 24.3 36.5





#3

Pyridine

Concen: 49.128 ng

RT: 3.551 min Scan# 24

Delta R.T. 0.129 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

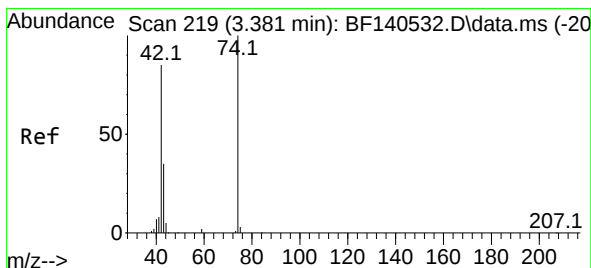
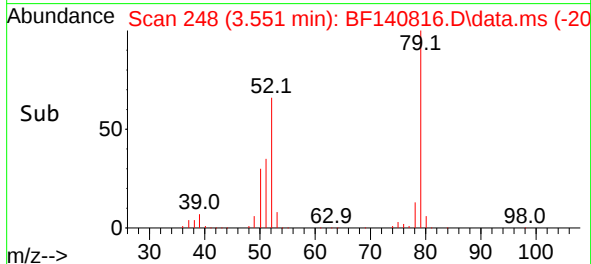
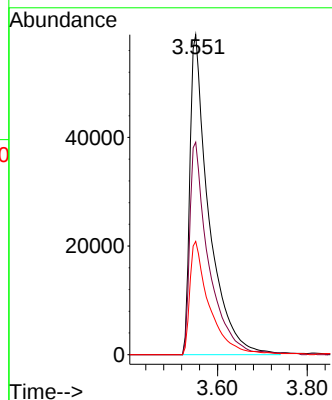
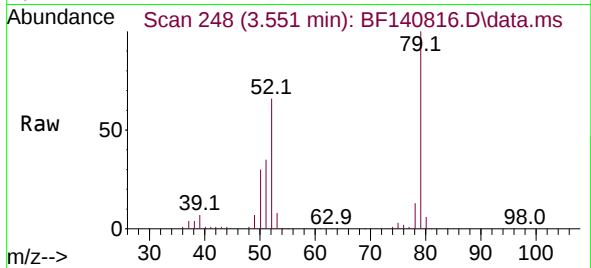
Tgt Ion: 79 Resp: 172414

Ion Ratio Lower Upper

79 100

52 66.4 52.1 78.1

51 35.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 47.209 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.082 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

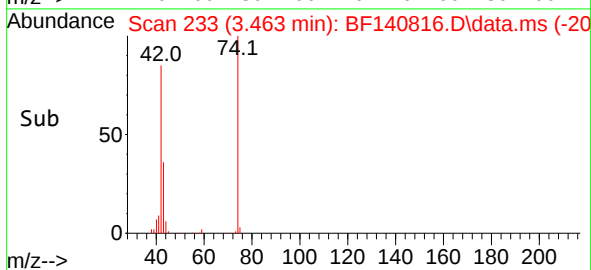
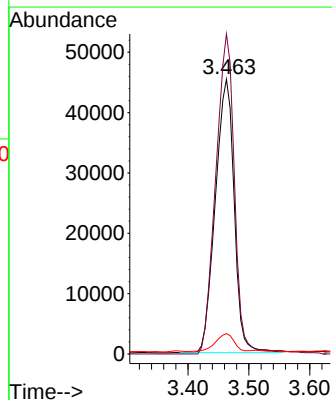
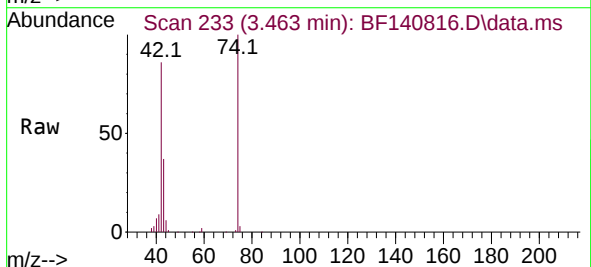
Tgt Ion: 42 Resp: 97375

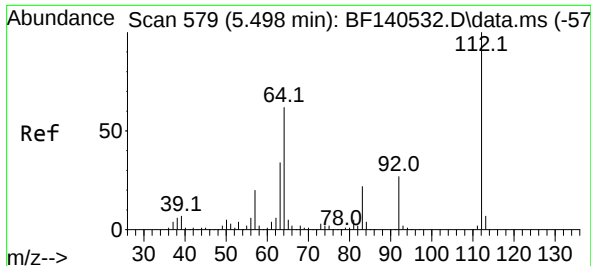
Ion Ratio Lower Upper

42 100

74 116.5 93.8 140.6

44 7.4 4.6 6.8

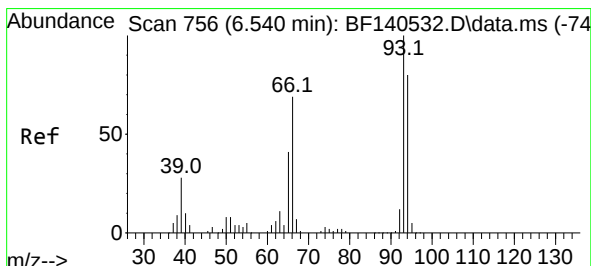
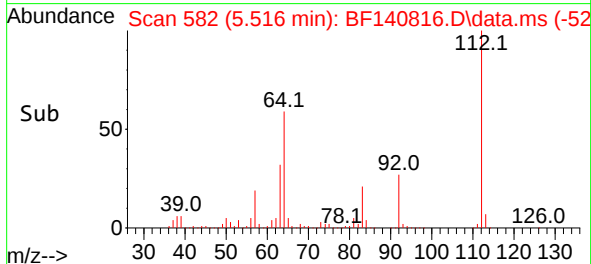
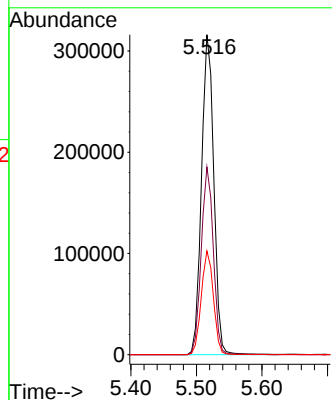
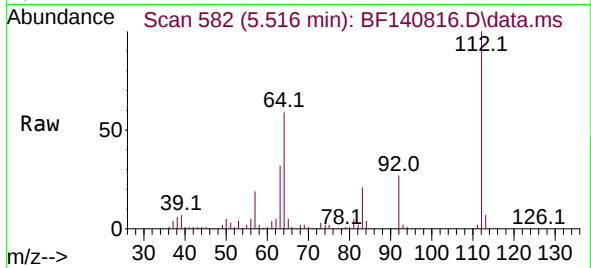




#5
2-Fluorophenol
Concen: 108.940 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

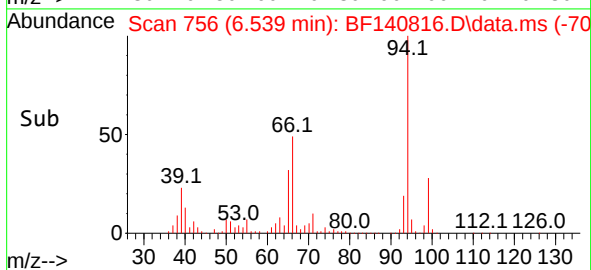
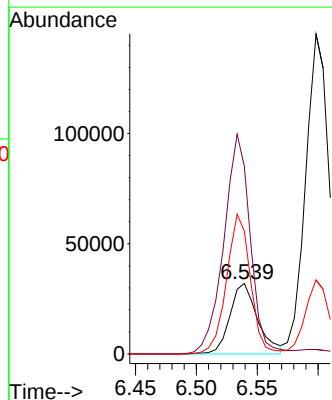
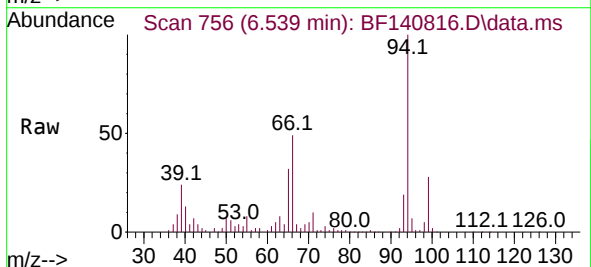
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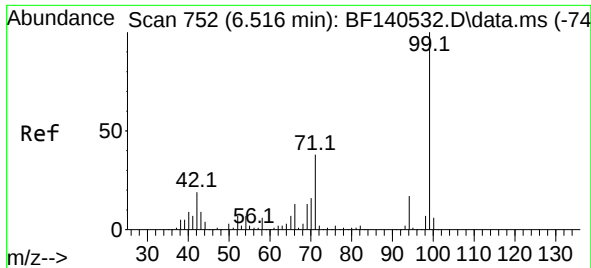
Tgt Ion:112 Resp: 413281
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 32.4 27.0 40.4



#6
Aniline
Concen: 14.344 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 93 Resp: 50634
Ion Ratio Lower Upper
93 100
66 266.2 56.5 84.7#
65 174.4 32.9 49.3#





#7

Phenol-d6

Concen: 106.775 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

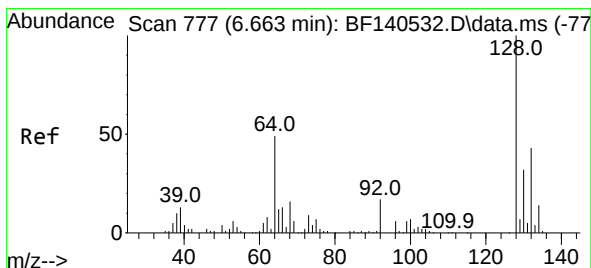
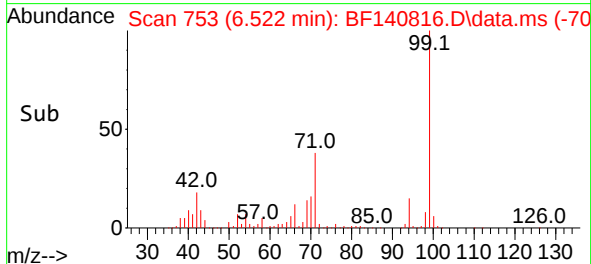
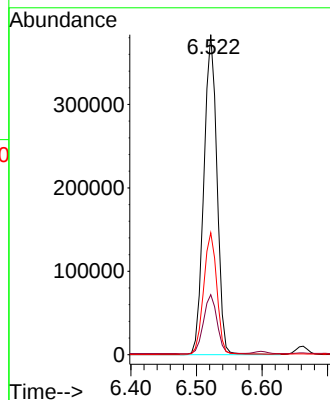
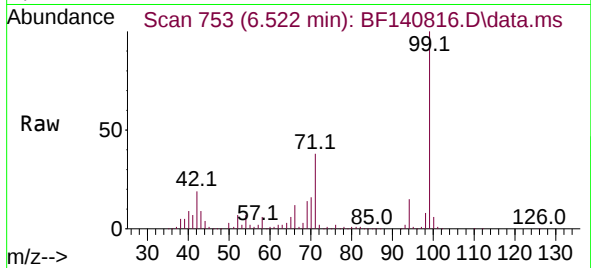
Tgt Ion: 99 Resp: 535513

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.0

71 38.1 30.6 46.0



#8

2-Chlorophenol

Concen: 50.517 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

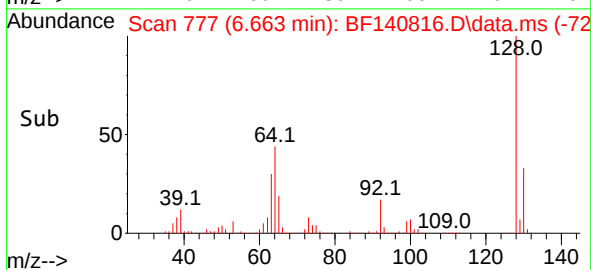
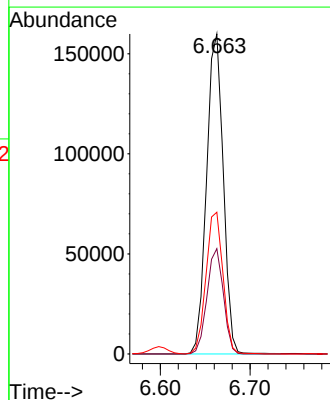
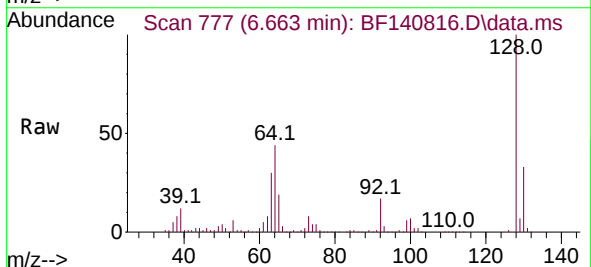
Tgt Ion:128 Resp: 206180

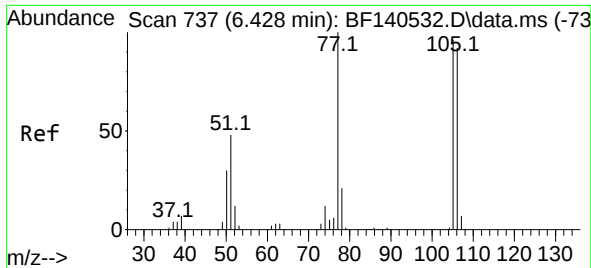
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 44.3 30.2 70.2

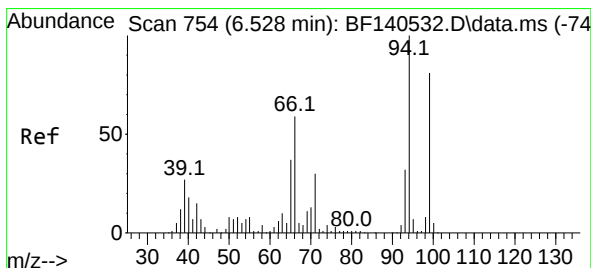
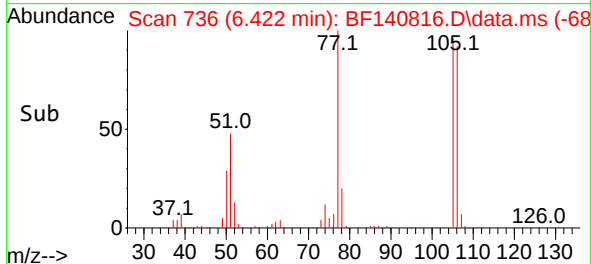
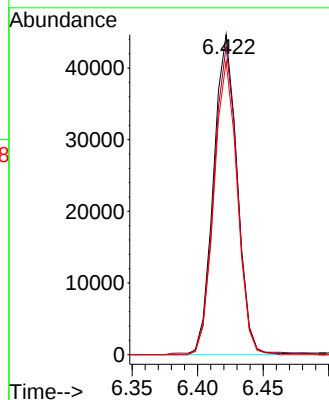
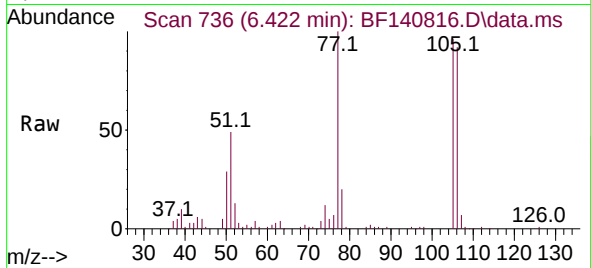




#9
Benzaldehyde
Concen: 20.955 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

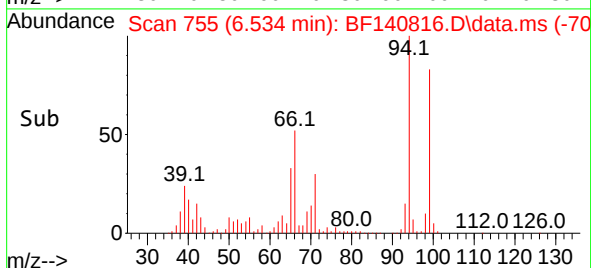
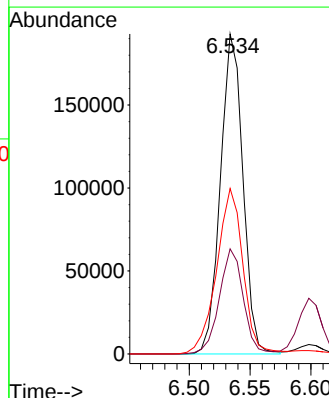
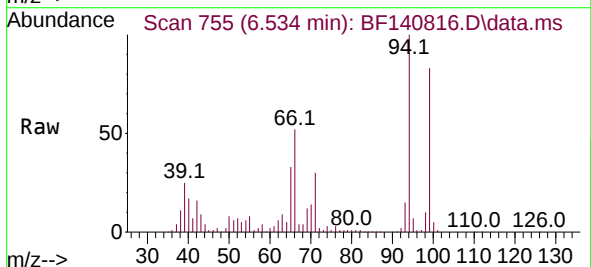
Instrument :
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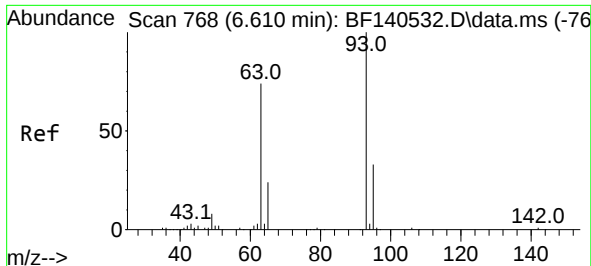
Tgt Ion: 77 Resp: 55636
Ion Ratio Lower Upper
77 100
105 96.4 75.6 115.6
106 91.7 72.0 112.0



#10
Phenol
Concen: 48.422 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 94 Resp: 248011
Ion Ratio Lower Upper
94 100
65 32.9 17.2 57.2
66 51.7 39.2 79.2

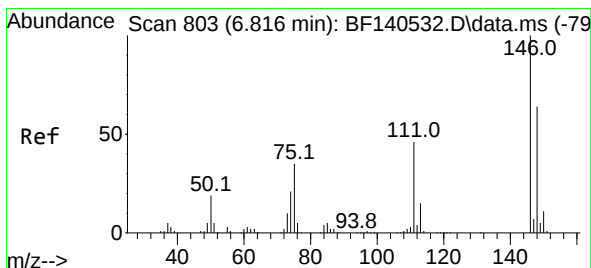
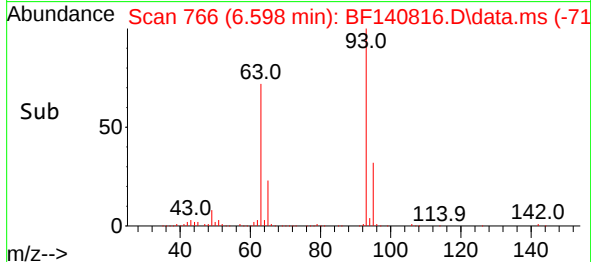
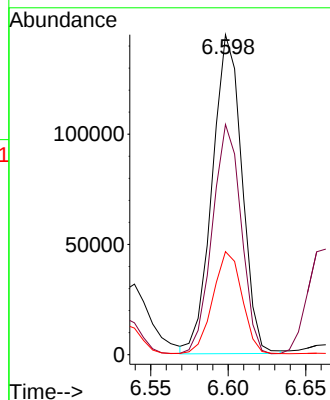
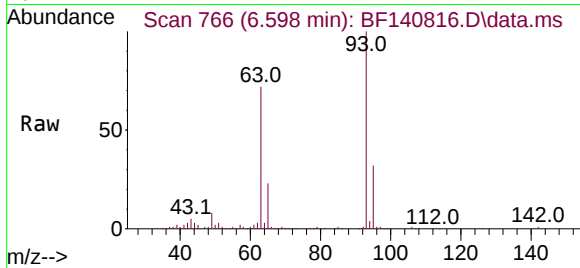




#11
bis(2-Chloroethyl)ether
Concen: 49.135 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

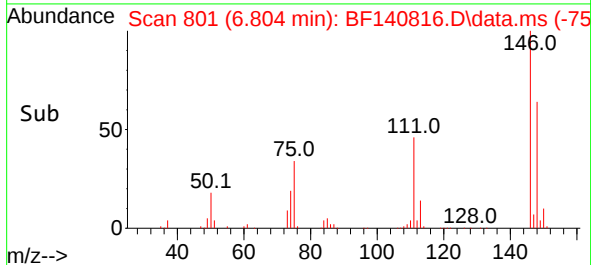
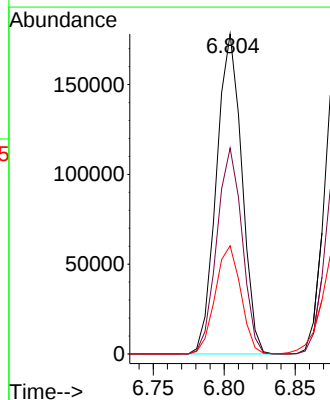
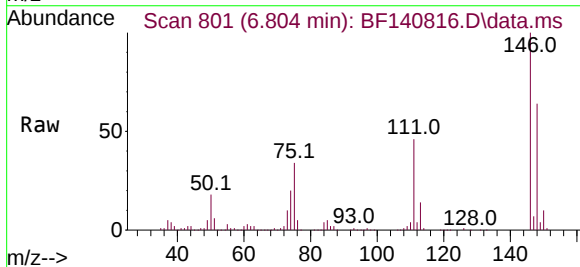
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

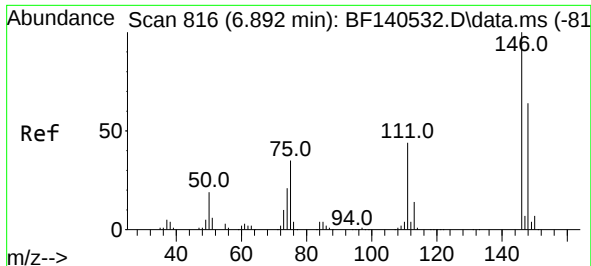
Tgt Ion: 93 Resp: 192582
Ion Ratio Lower Upper
93 100
63 72.0 52.8 92.8
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.257 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:146 Resp: 221311
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 33.8 28.2 42.2

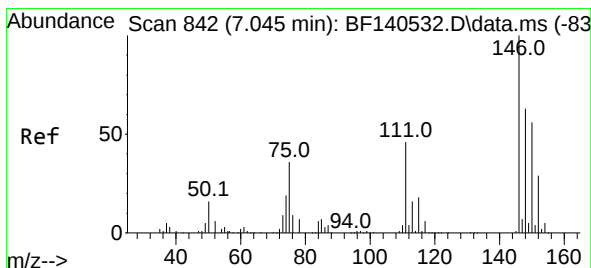
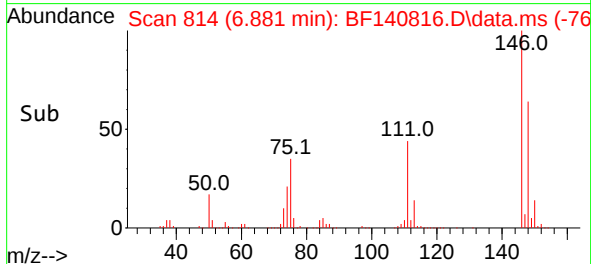
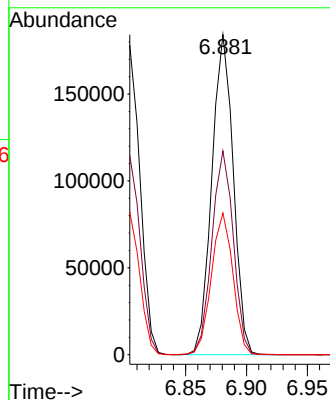
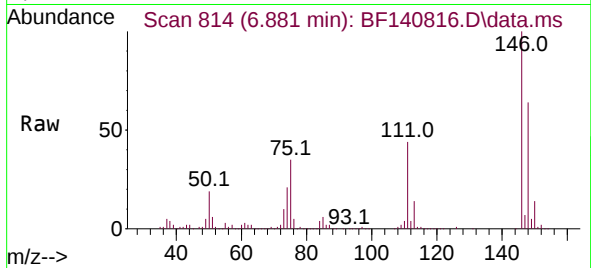




#13
1,4-Dichlorobenzene
Concen: 48.482 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

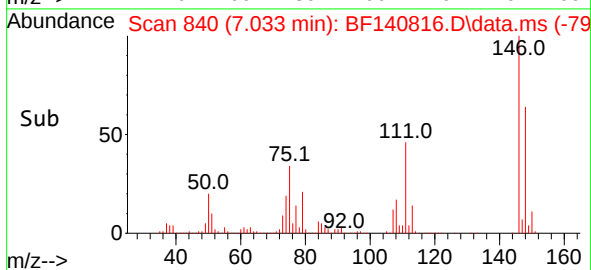
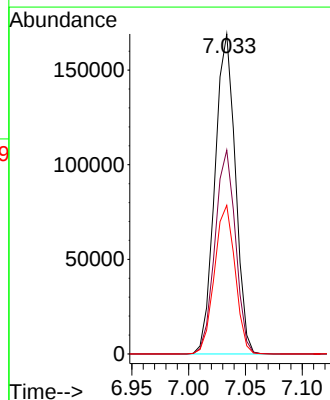
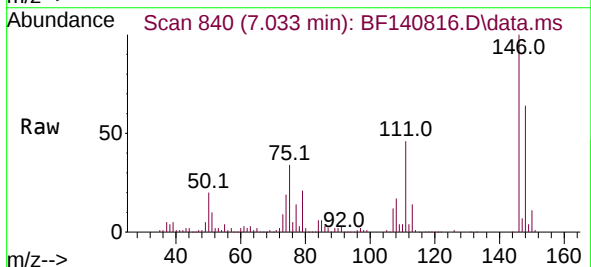
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

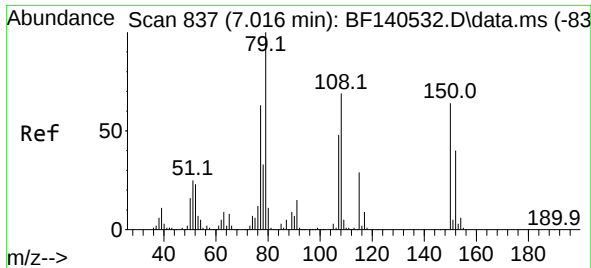
Tgt Ion:146 Resp: 225131
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.766 ng
RT: 7.033 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:146 Resp: 212190
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.5 36.7 55.1

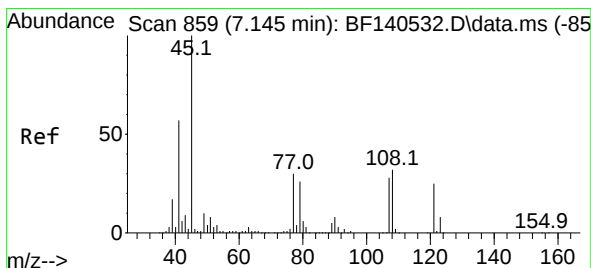
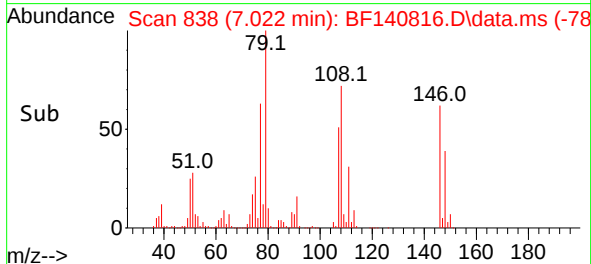
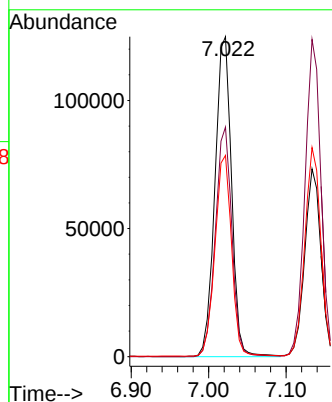
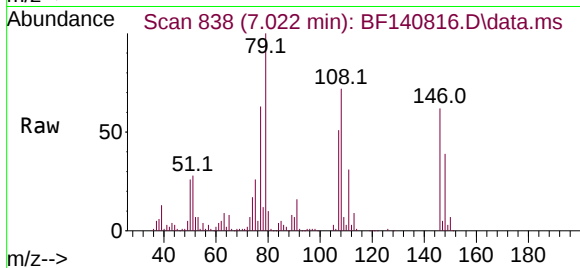




#15
Benzyl Alcohol
Concen: 49.912 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

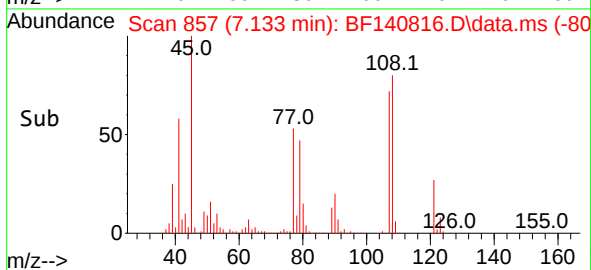
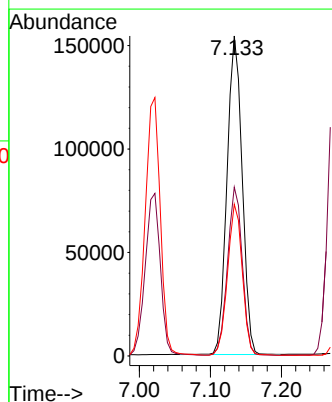
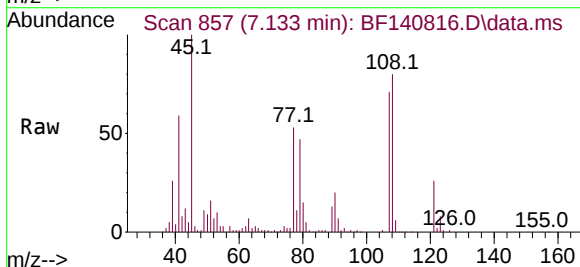
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

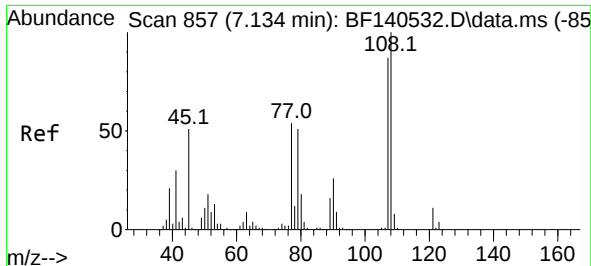
Tgt Ion: 79 Resp: 185639
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 62.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.119 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 45 Resp: 227438
Ion Ratio Lower Upper
45 100
77 52.8 10.7 50.7#
79 47.4 7.0 47.0#

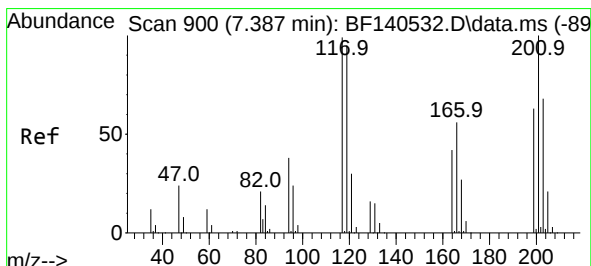
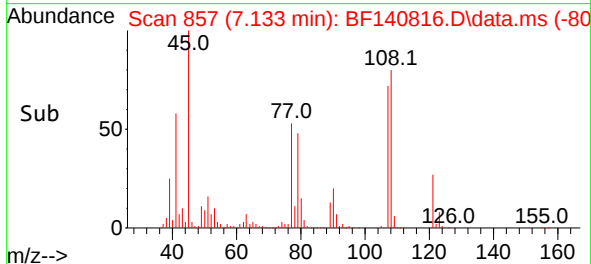
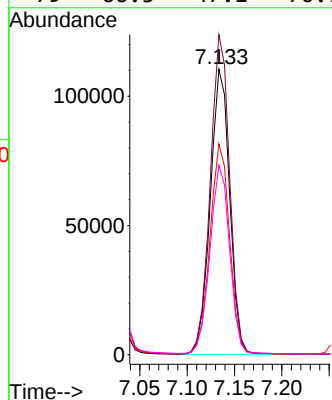
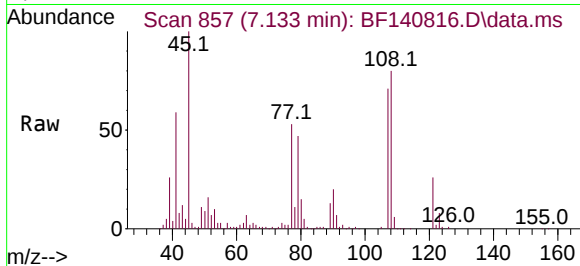




#17
2-Methylphenol
Concen: 48.053 ng
RT: 7.133 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

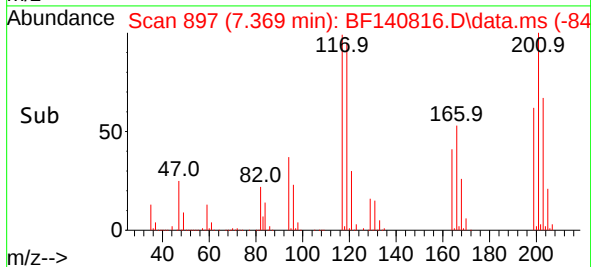
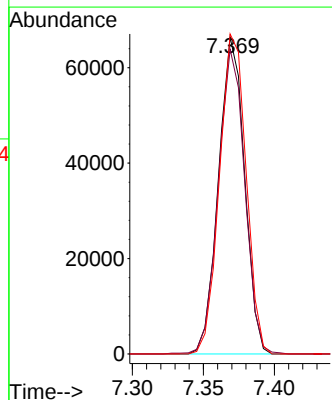
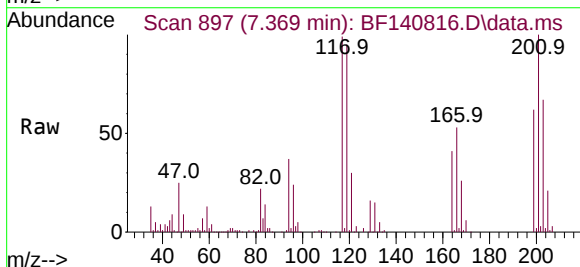
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

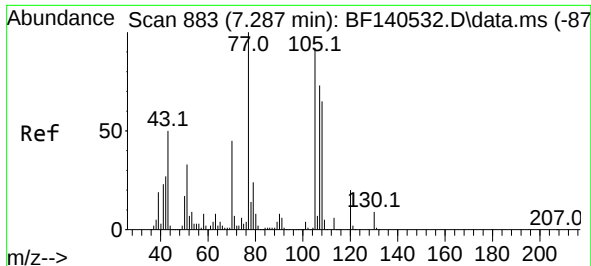
Tgt Ion:	107	Resp:	156997
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	73.9	49.3	73.9
79	66.3	47.1	70.7



#18
Hexachloroethane
Concen: 48.772 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:	117	Resp:	84586
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
201	101.1	81.1	121.7



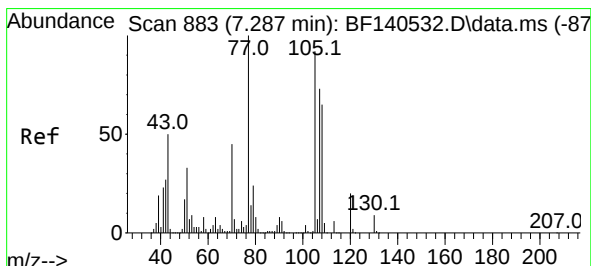
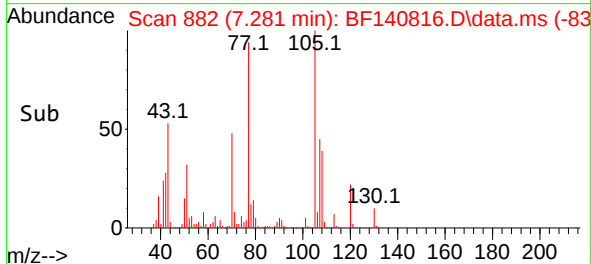
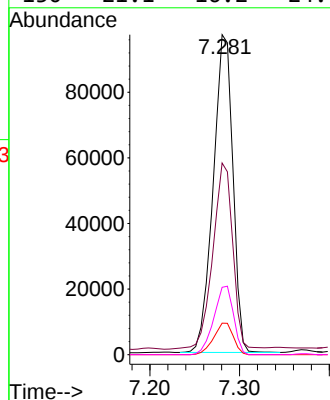
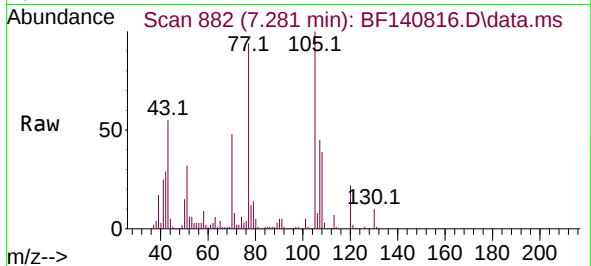


#19
n-Nitroso-di-n-propylamine
Concen: 49.777 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Instrument :
BNA_F
ClientSampleId :
TP-12MSD

Tgt Ion: 70 Resp: 147542

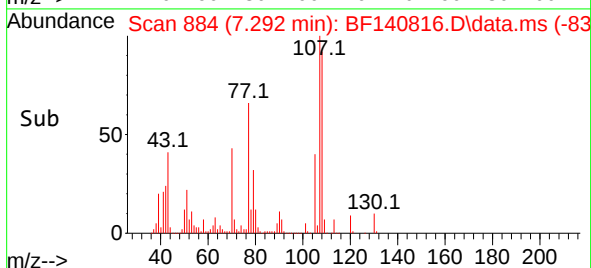
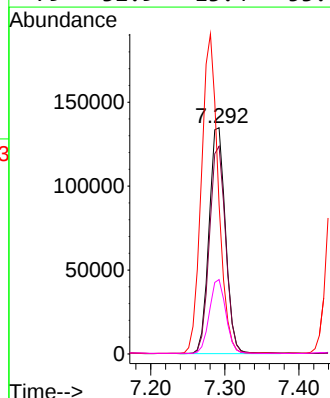
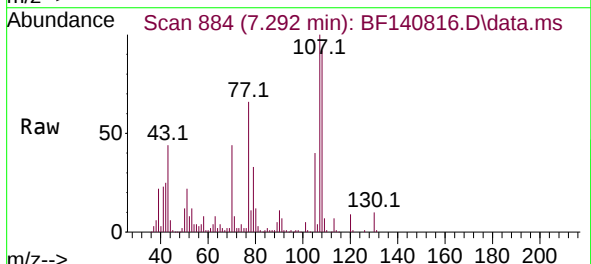
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.6	71.4
101	9.8	7.6	11.4
130	21.1	16.2	24.4

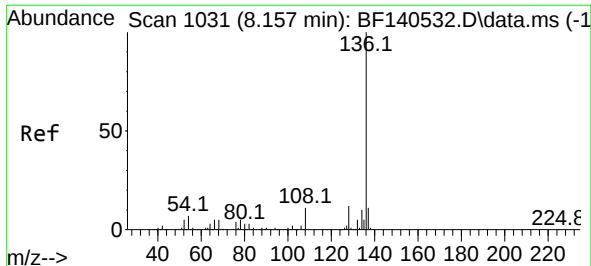


#20
3+4-Methylphenols
Concen: 49.398 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 107 Resp: 207442

Ion	Ratio	Lower	Upper
107	100		
108	91.8	69.9	109.9
77	66.1	117.7	157.7#
79	32.9	13.4	53.4



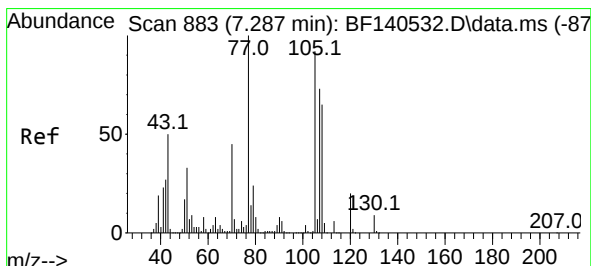
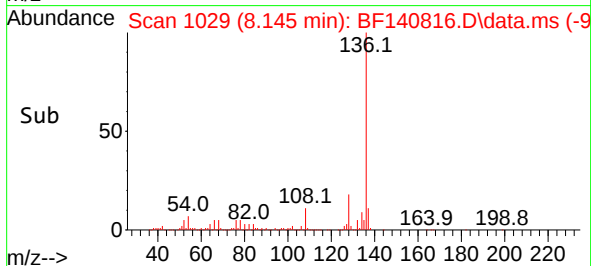
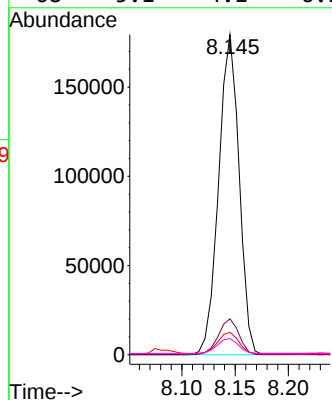
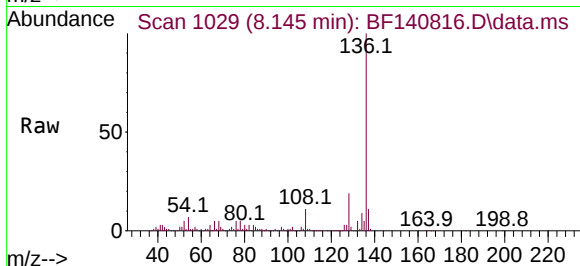


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Instrument :
BNA_F
ClientSampleId :
TP-12MSD

Tgt Ion:136 Resp: 239429

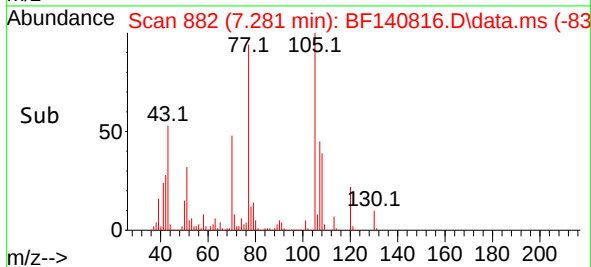
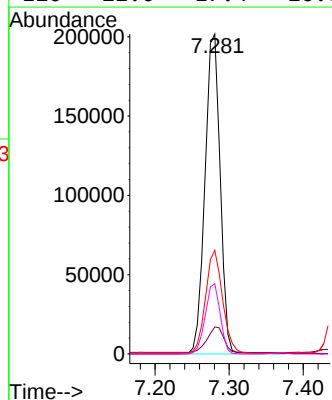
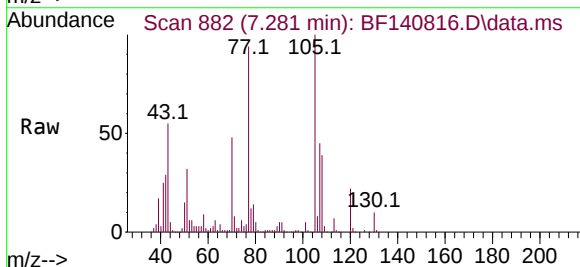
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.0	5.8	8.8
68	5.1	4.1	6.1

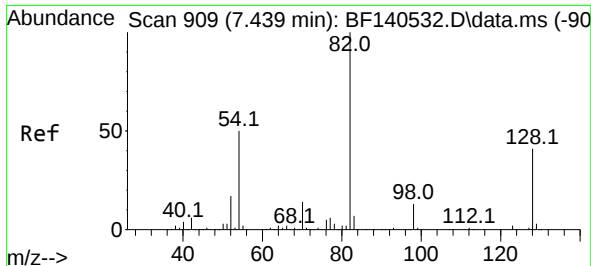


#22
Acetophenone
Concen: 49.330 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:105 Resp: 287946

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.2	9.2
51	32.4	29.0	43.6
120	22.0	17.4	26.0

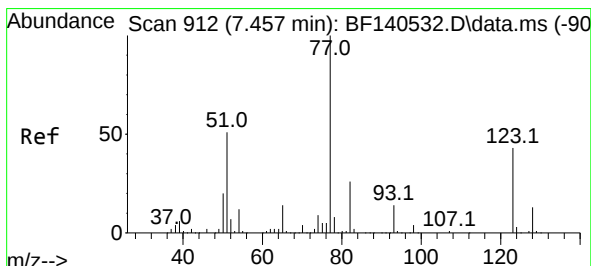
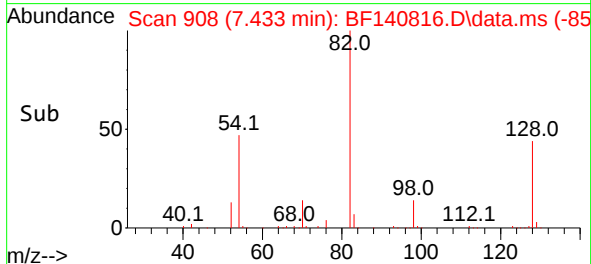
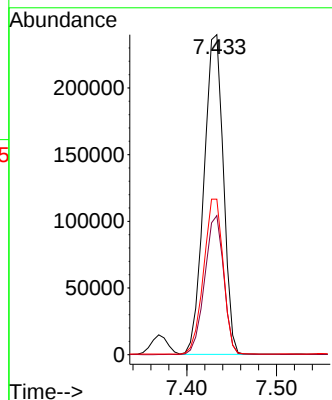
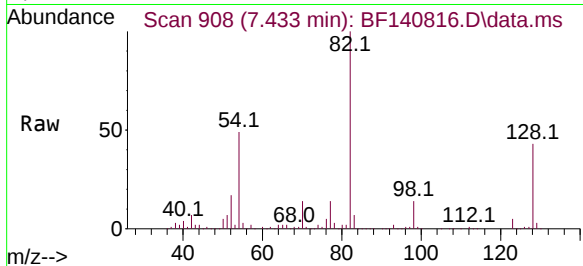




#23
 Nitrobenzene-d5
 Concen: 76.915 ng
 RT: 7.433 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140816.D
 Acq: 10 Dec 2024 19:44

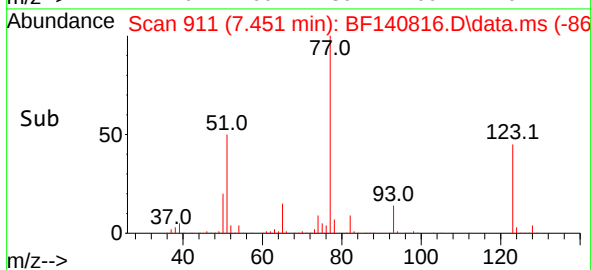
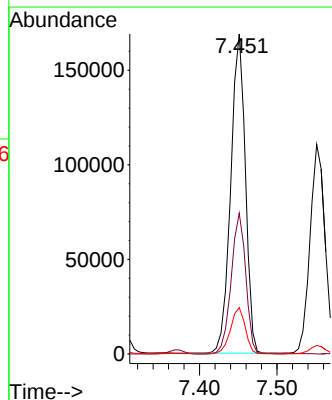
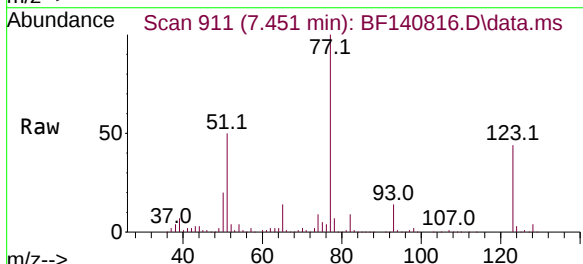
Instrument :
 BNA_F
 ClientSampleId :
 TP-12MSD

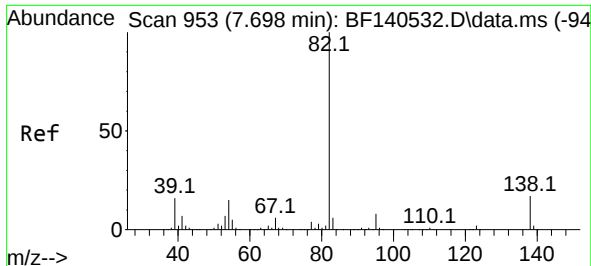
Tgt Ion: 82 Resp: 360032
 Ion Ratio Lower Upper
 82 100
 128 43.4 33.0 49.4
 54 48.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.920 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140816.D
 Acq: 10 Dec 2024 19:44

Tgt Ion: 77 Resp: 222156
 Ion Ratio Lower Upper
 77 100
 123 44.0 34.3 51.5
 65 14.5 11.2 16.8

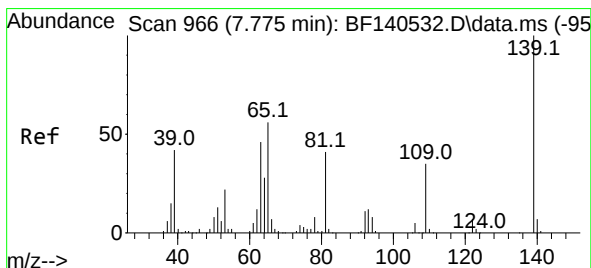
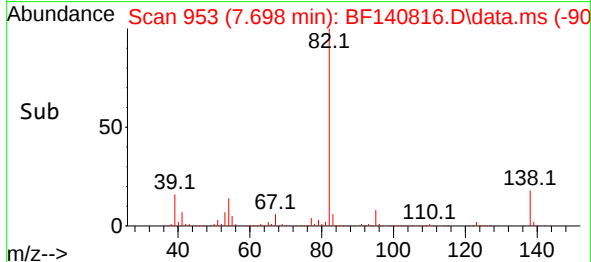
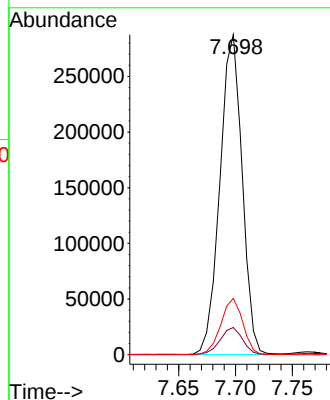
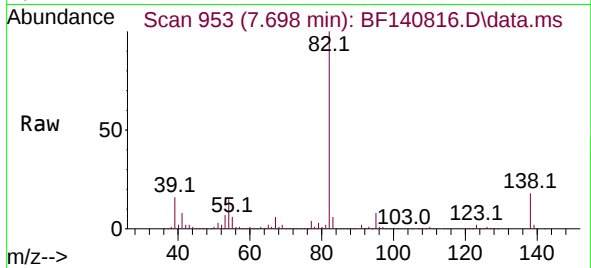




#25
Isophorone
Concen: 50.093 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

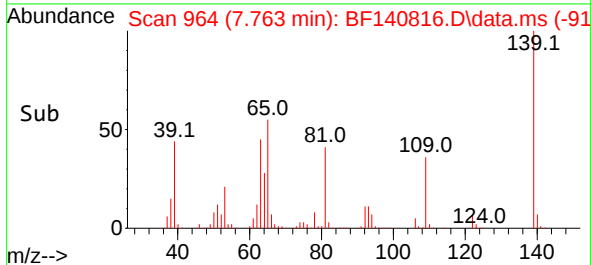
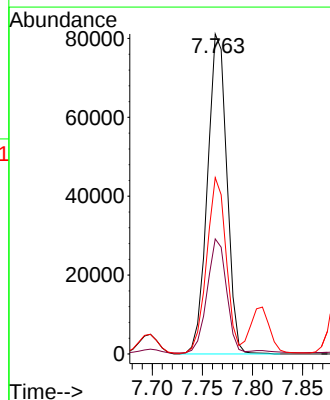
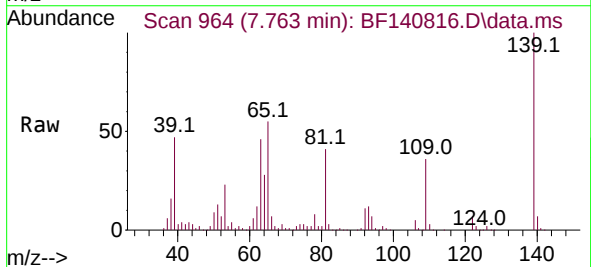
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

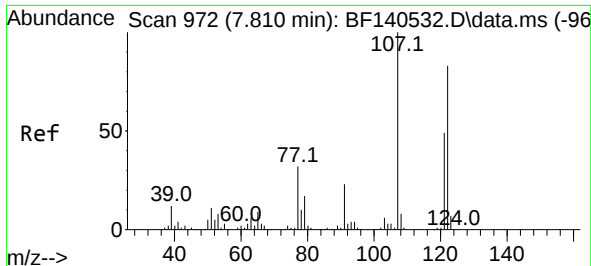
Tgt Ion: 82 Resp: 391091
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 51.063 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:139 Resp: 109474
Ion Ratio Lower Upper
139 100
109 36.0 28.0 42.0
65 55.1 44.6 67.0

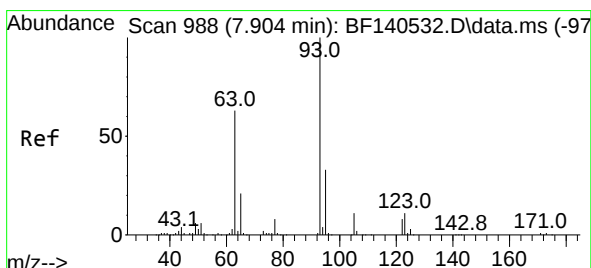
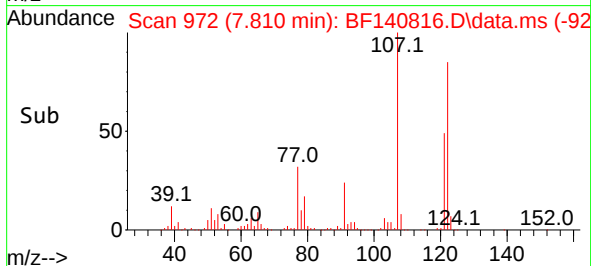
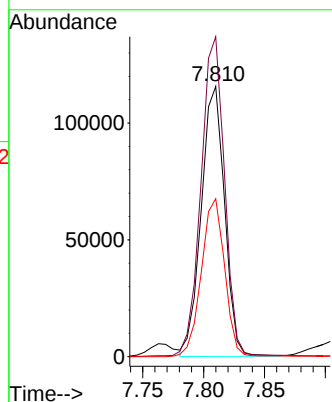
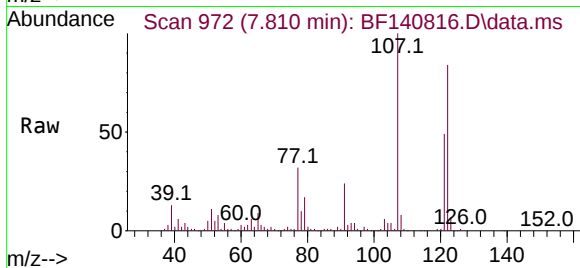




#27
2,4-Dimethylphenol
Concen: 59.972 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

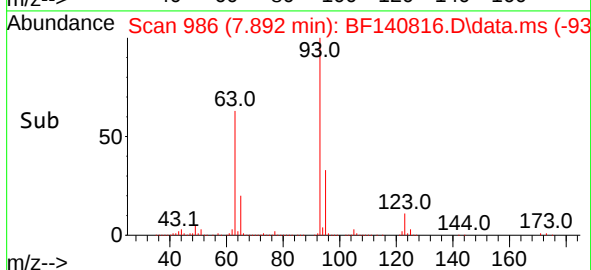
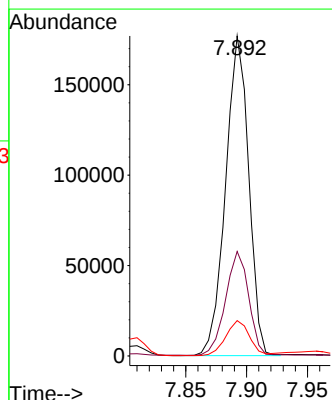
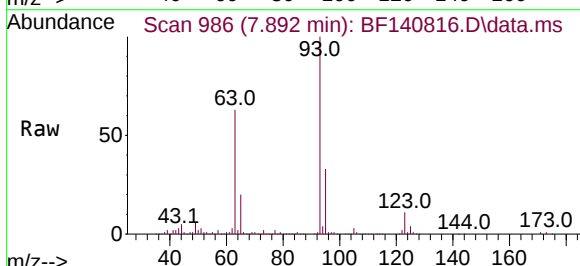
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

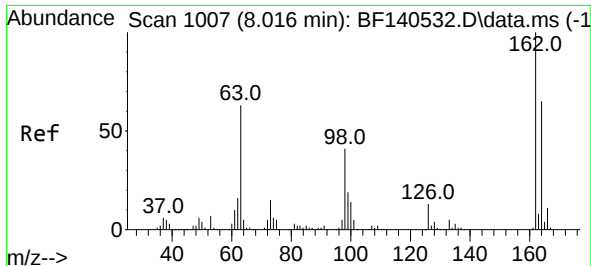
Tgt Ion:122 Resp: 153837
Ion Ratio Lower Upper
122 100
107 118.4 96.8 145.2
121 58.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.075 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 93 Resp: 233415
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.584 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

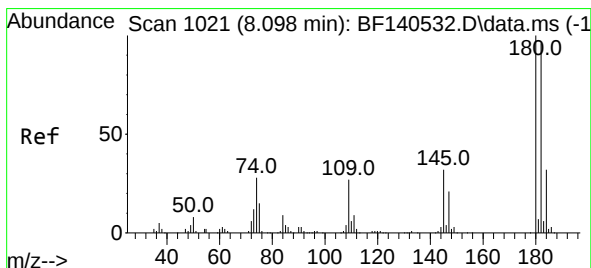
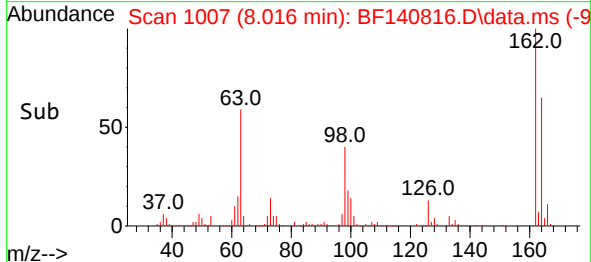
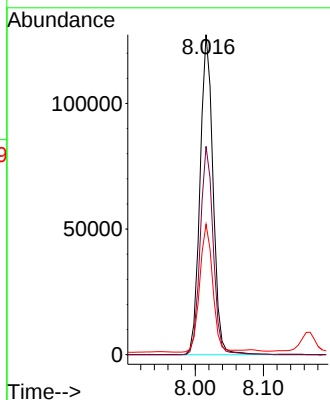
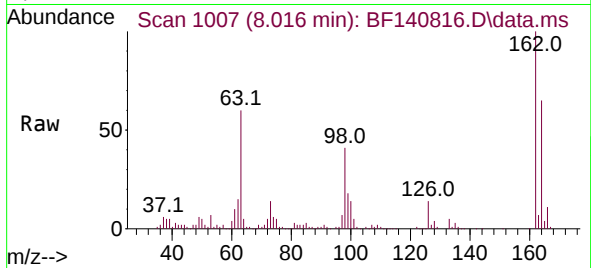
Tgt Ion:162 Resp: 168536

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

98 40.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 47.381 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

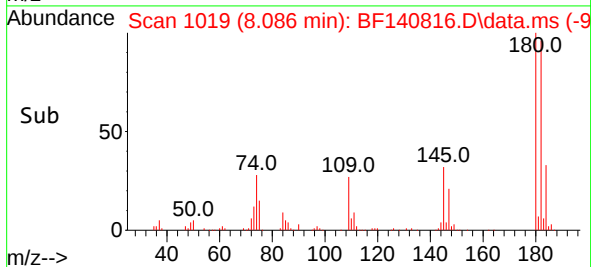
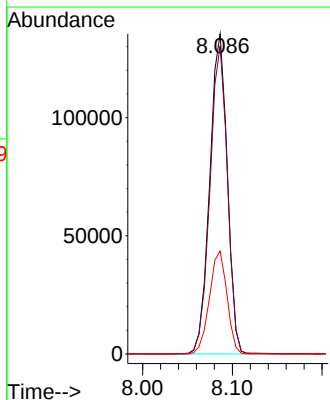
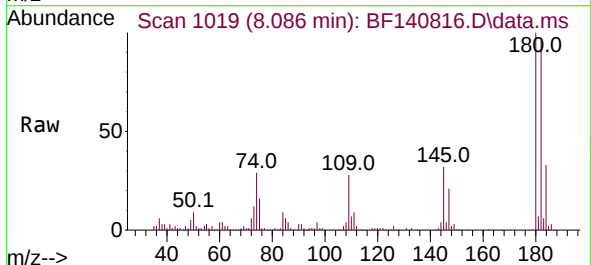
Tgt Ion:180 Resp: 183881

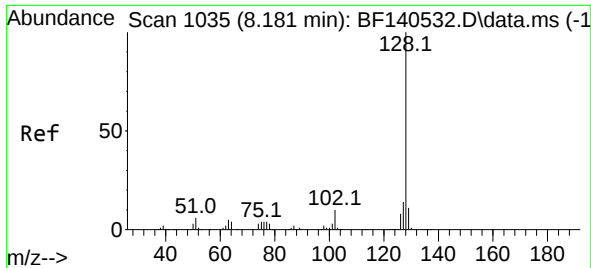
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 32.2 25.9 38.9

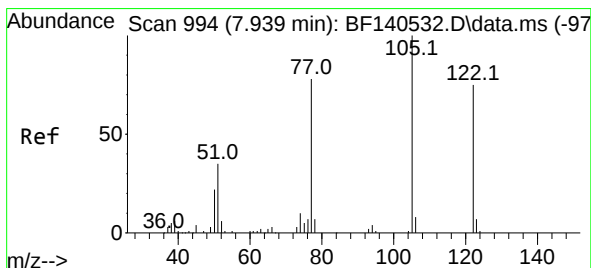
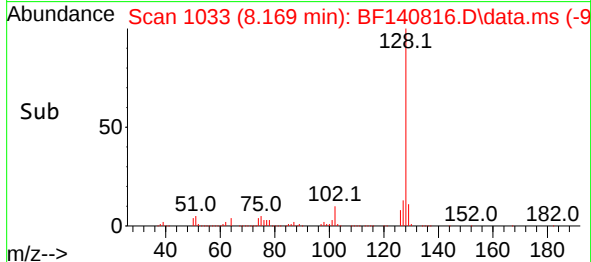
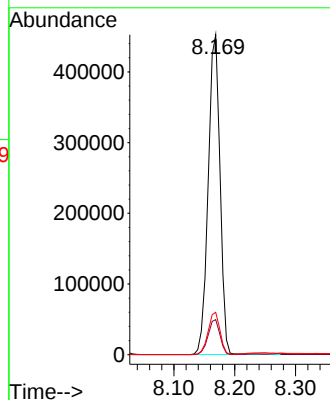
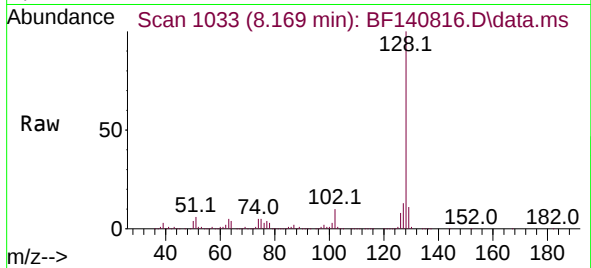




#31
Naphthalene
Concen: 49.428 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

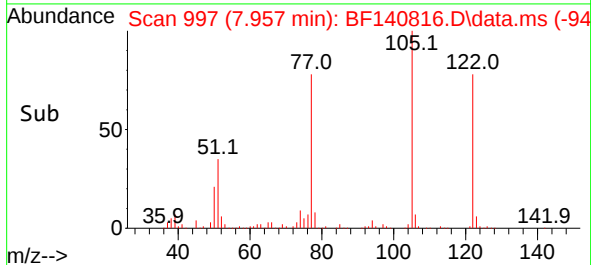
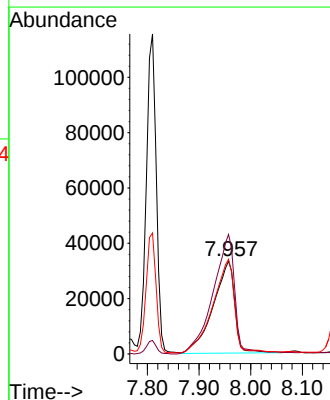
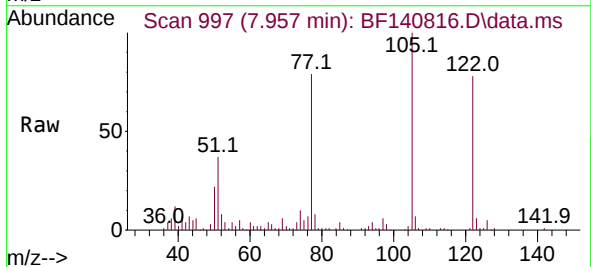
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

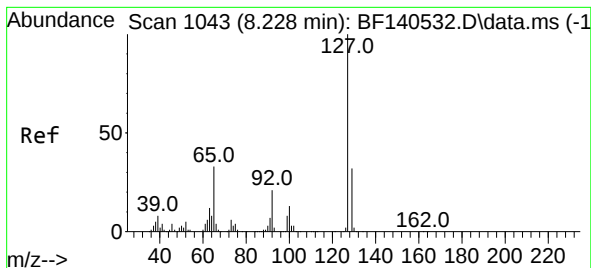
Tgt Ion:128 Resp: 609579
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 43.859 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:122 Resp: 96274
Ion Ratio Lower Upper
122 100
105 128.8 109.3 149.3
77 102.1 82.3 122.3





#33

4-Chloroaniline

Concen: 2.314 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.018 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

Tgt Ion:127 Resp: 8544

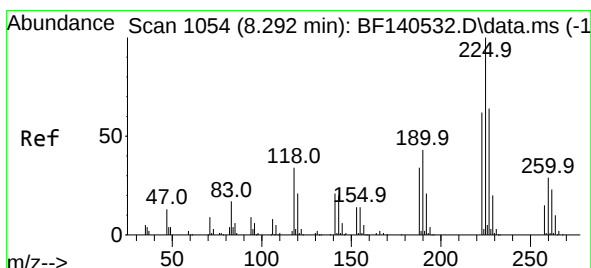
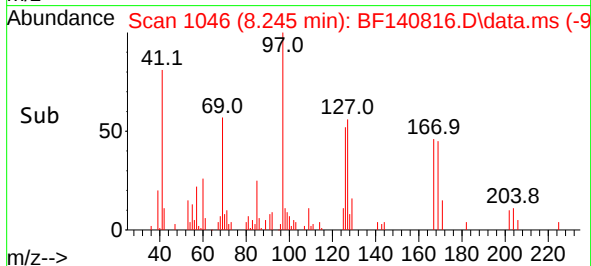
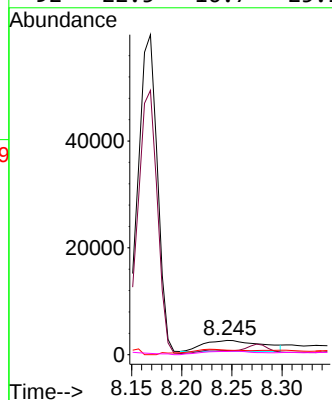
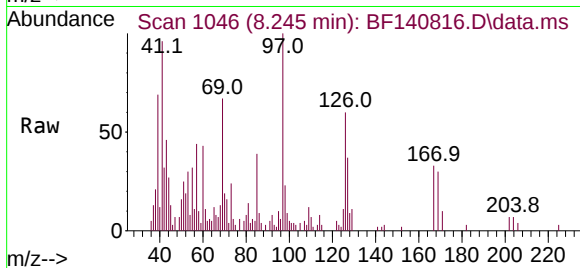
Ion Ratio Lower Upper

127 100

129 28.6 26.0 39.0

65 31.1 26.0 39.0

92 22.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 49.989 ng

RT: 8.275 min Scan# 1051

Delta R.T. -0.018 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

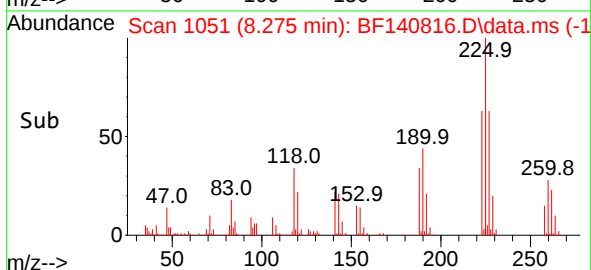
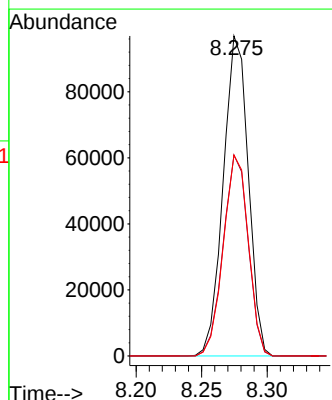
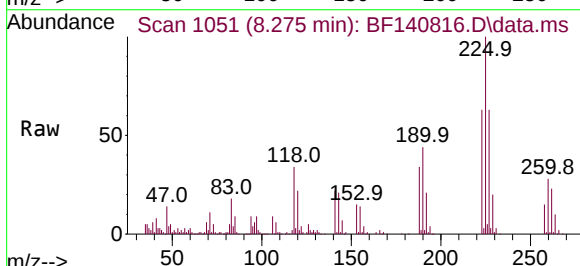
Tgt Ion:225 Resp: 128500

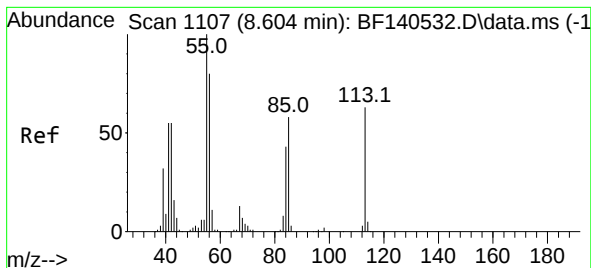
Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

227 62.8 51.3 76.9





#35

Caprolactam

Concen: 37.065 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.035 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

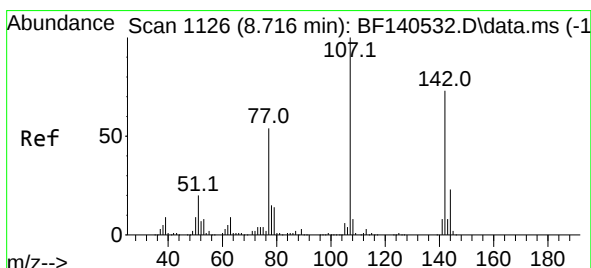
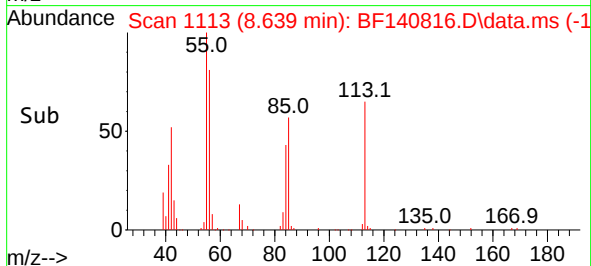
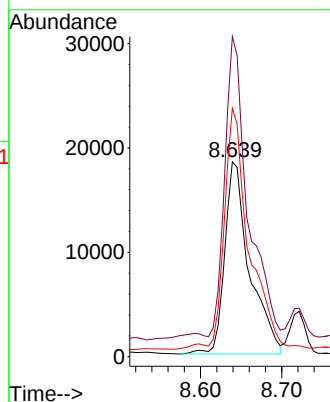
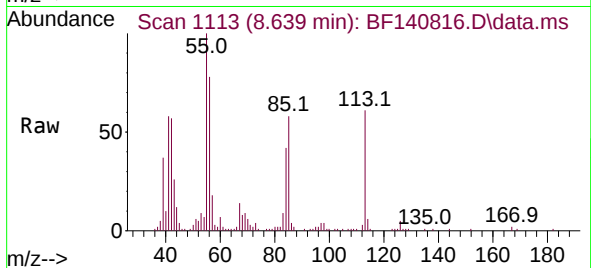
Tgt Ion:113 Resp: 38988

Ion Ratio Lower Upper

113 100

55 164.2 137.7 177.7

56 127.4 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 46.101 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

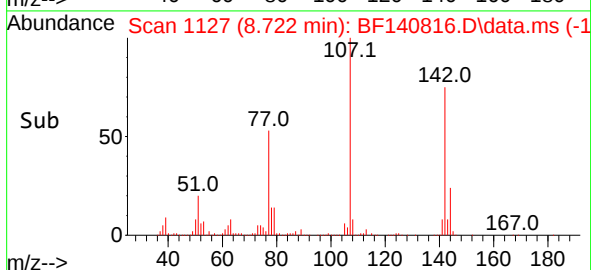
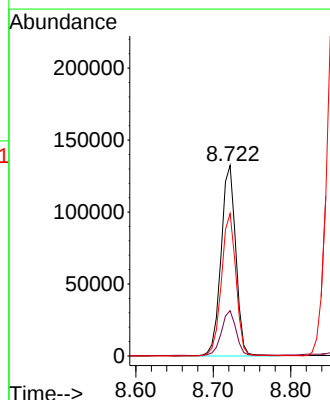
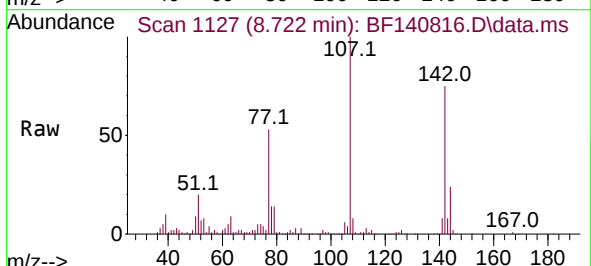
Tgt Ion:107 Resp: 175442

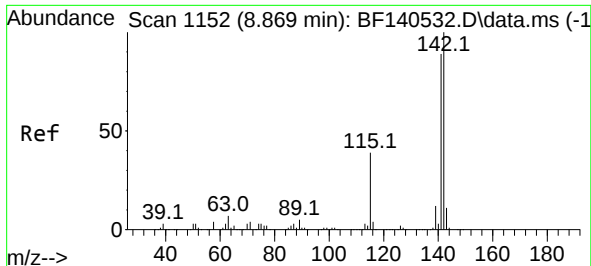
Ion Ratio Lower Upper

107 100

144 23.8 18.7 28.1

142 74.7 58.3 87.5

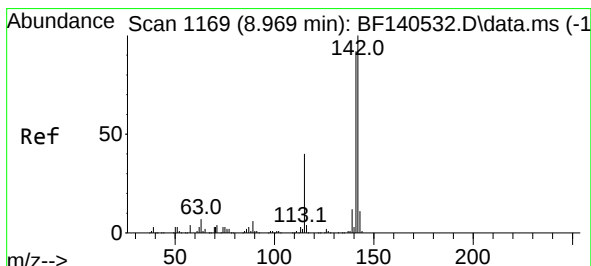
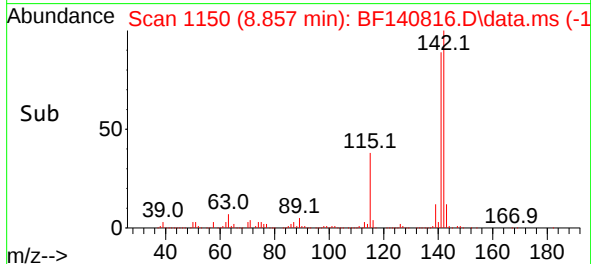
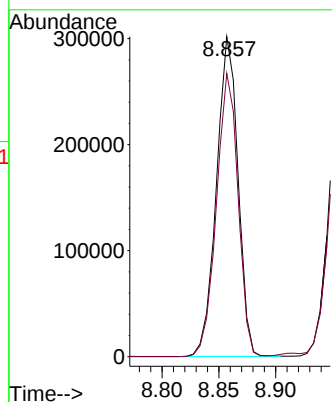
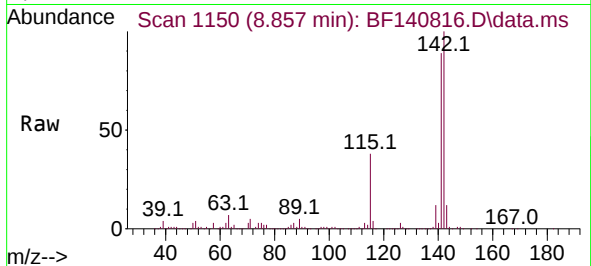




#37
2-Methylnaphthalene
Concen: 50.848 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

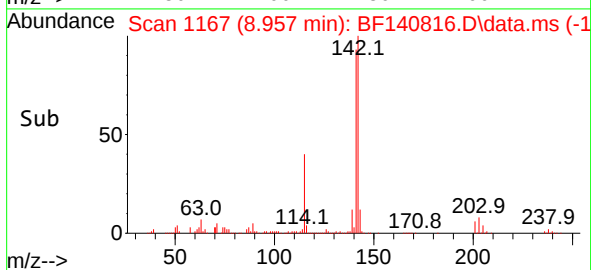
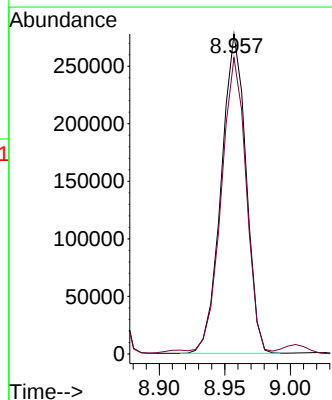
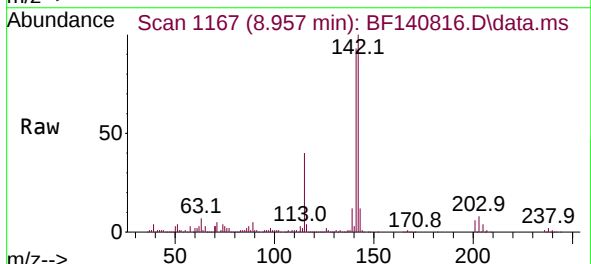
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

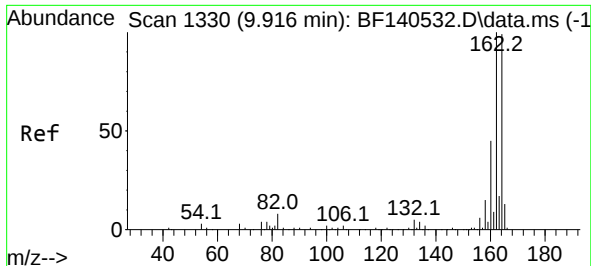
Tgt Ion:142 Resp: 398306
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.533 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:142 Resp: 364963
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9

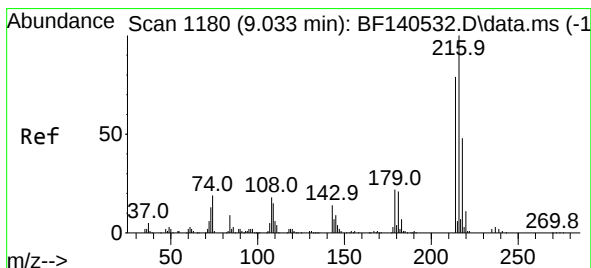
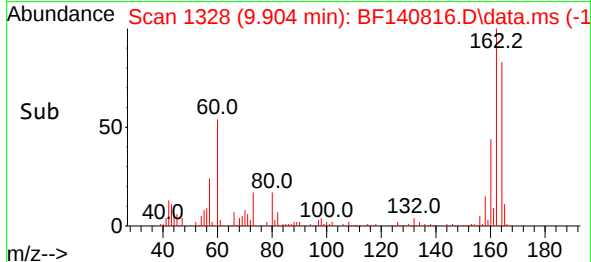
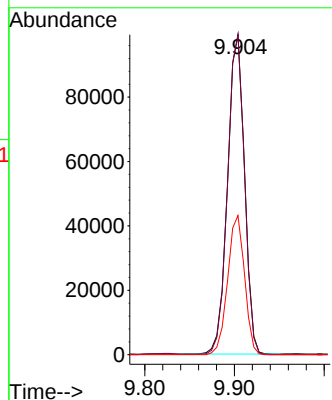
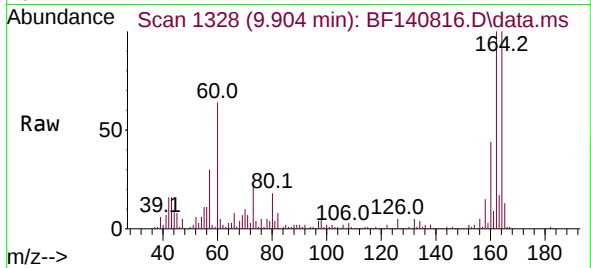




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

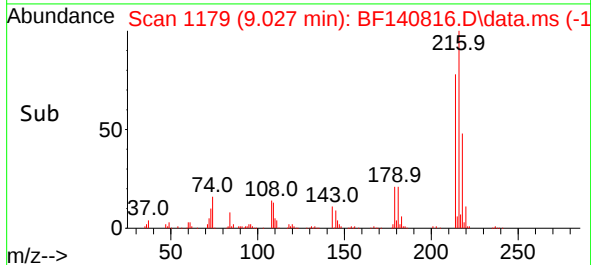
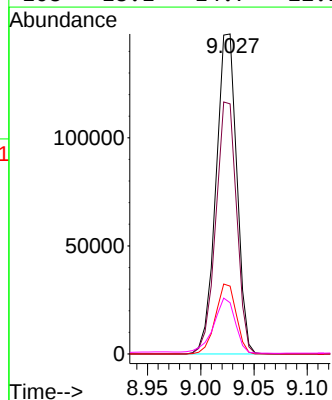
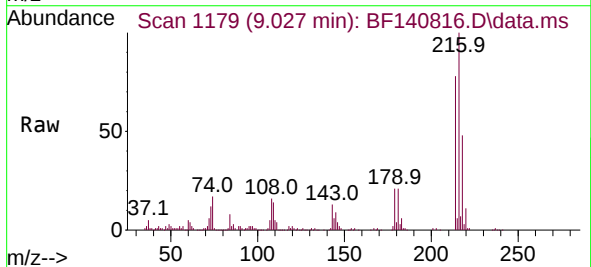
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

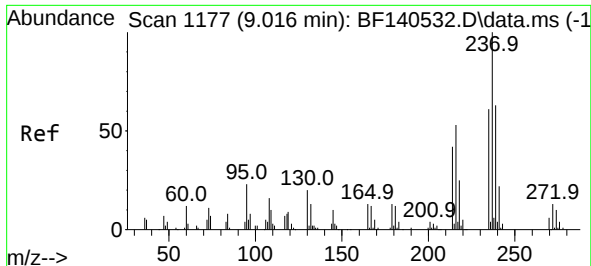
Tgt Ion:164 Resp: 130294
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 43.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.612 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:216 Resp: 200680
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.7 17.5 26.3
108 18.1 14.7 22.1

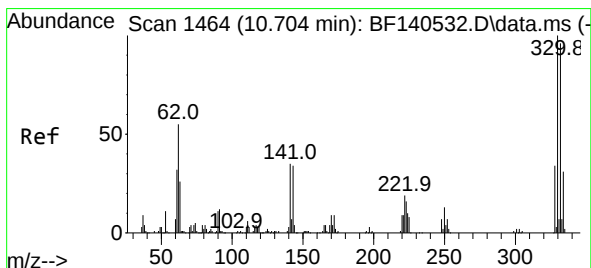
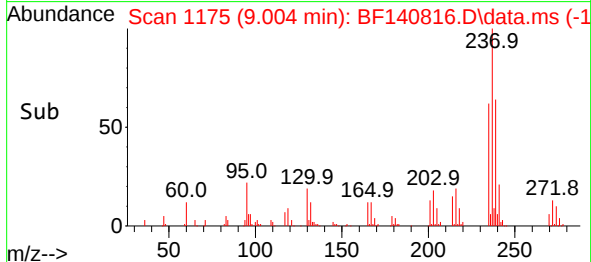
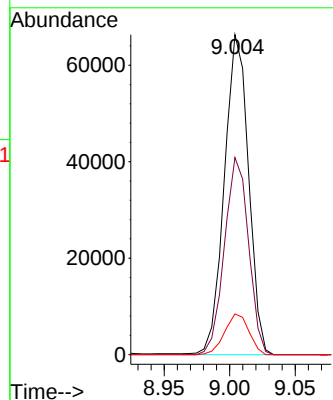
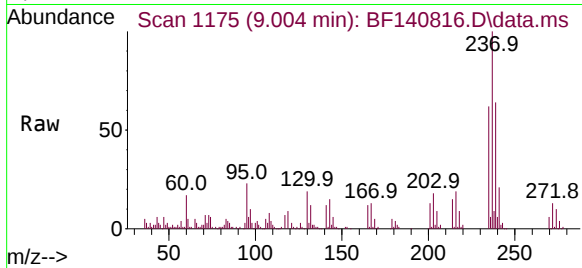




#41
Hexachlorocyclopentadiene
Concen: 97.401 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

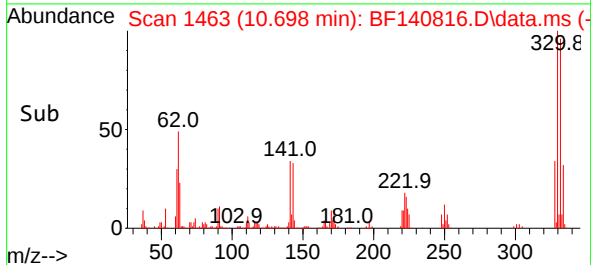
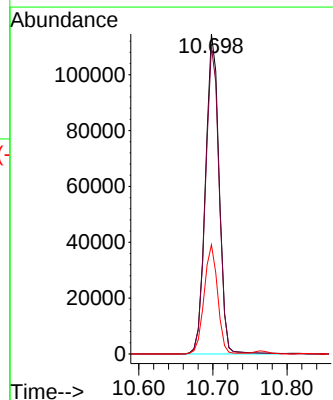
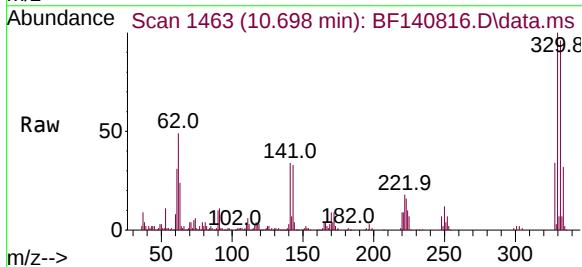
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

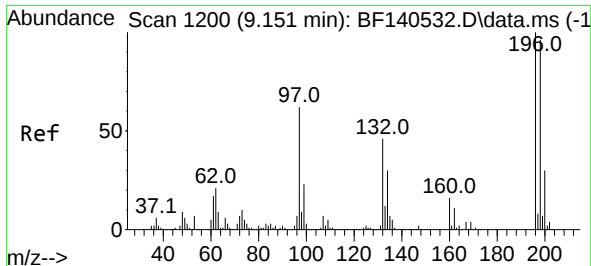
Tgt Ion:237 Resp: 85006
Ion Ratio Lower Upper
237 100
235 61.6 41.1 81.1
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 104.948 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:330 Resp: 146245
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 52.982 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

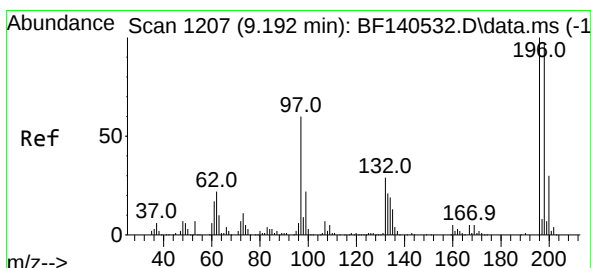
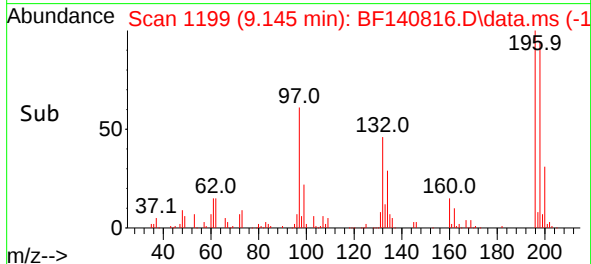
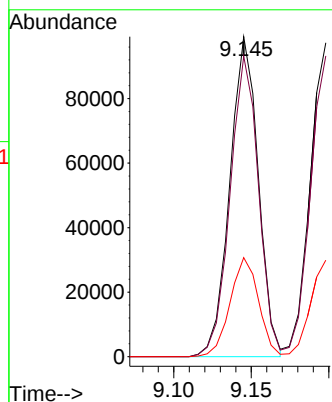
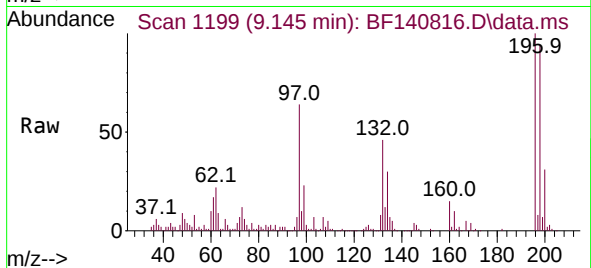
Tgt Ion:196 Resp: 126811

Ion Ratio Lower Upper

196 100

198 93.9 76.8 115.2

200 30.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.577 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Tgt Ion:196 Resp: 128782

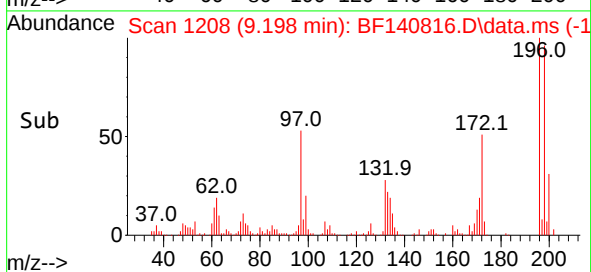
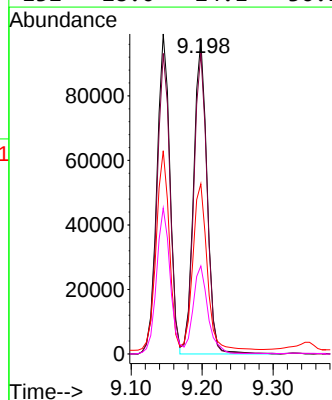
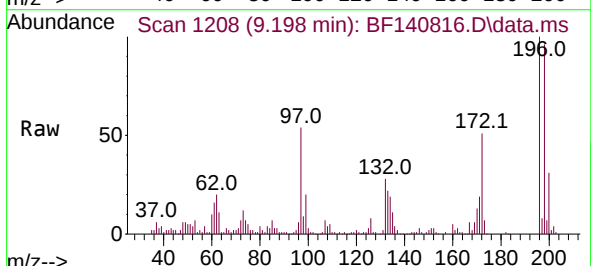
Ion Ratio Lower Upper

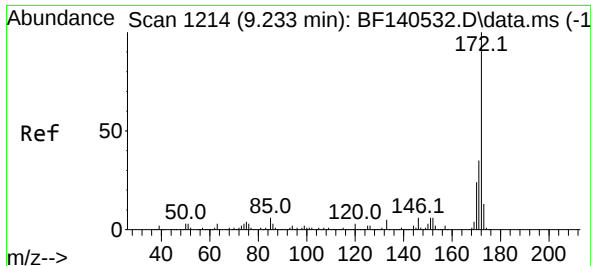
196 100

198 95.8 77.2 115.8

97 54.2 47.1 70.7

132 28.0 24.1 36.1

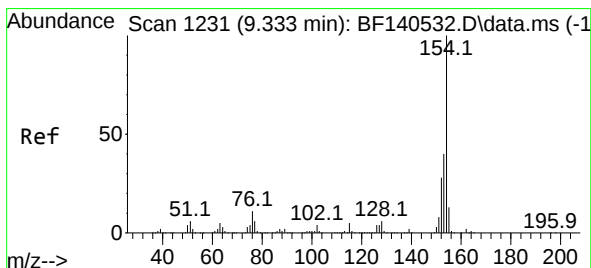
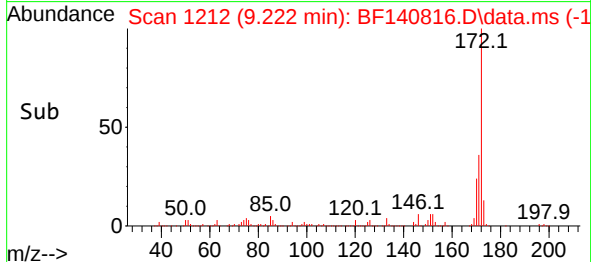
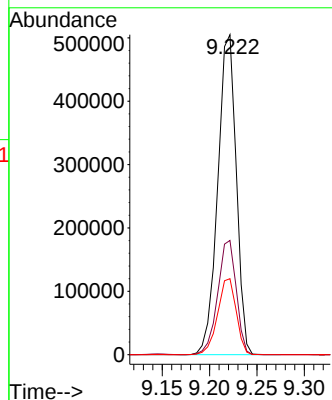
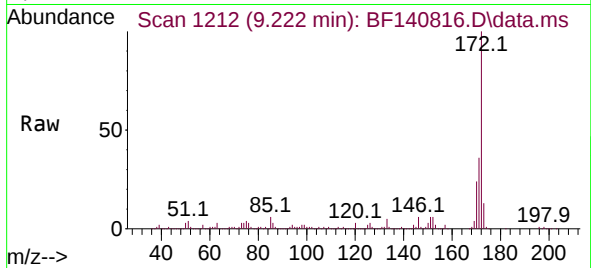




#45
2-Fluorobiphenyl
Concen: 78.733 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

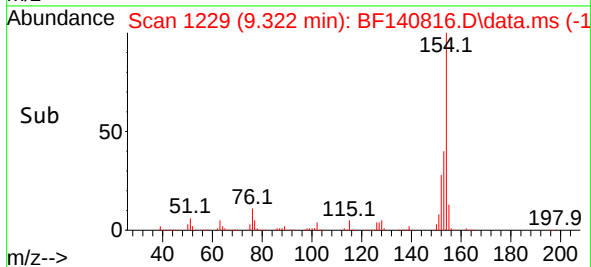
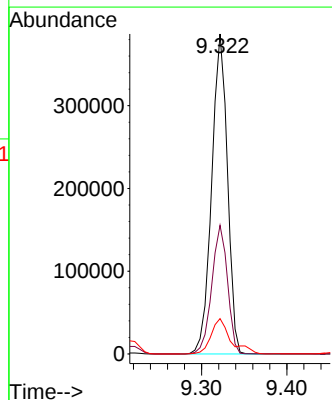
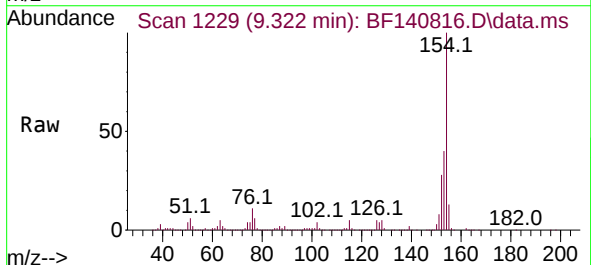
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

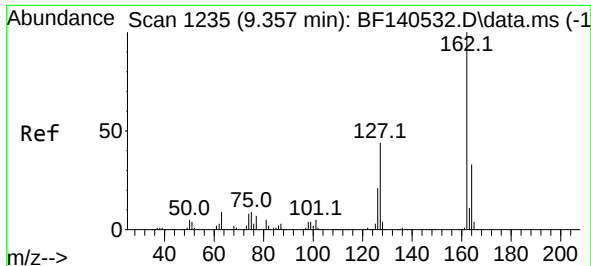
Tgt Ion:172 Resp: 688514
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.963 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:154 Resp: 495757
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.1 0.0 31.2

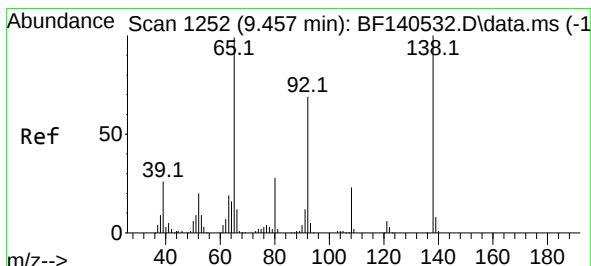
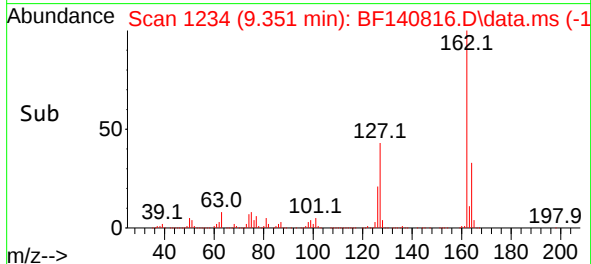
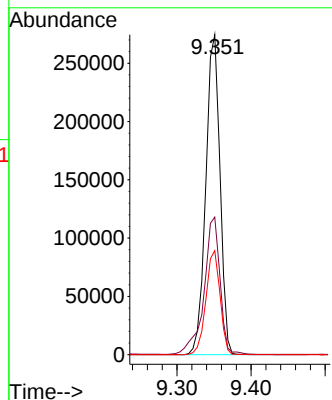
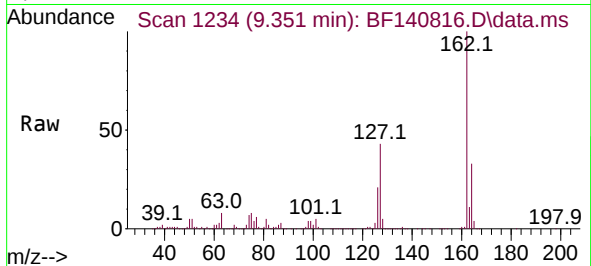




#47
2-Chloronaphthalene
Concen: 49.677 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

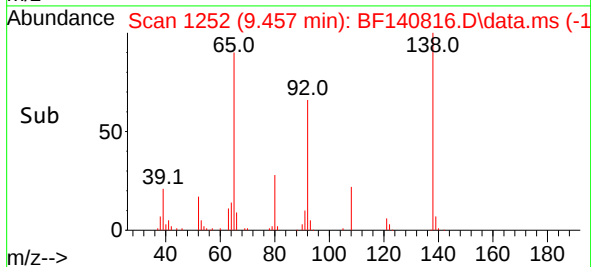
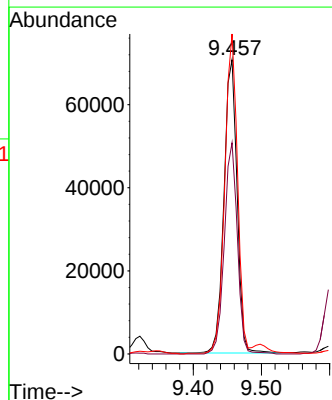
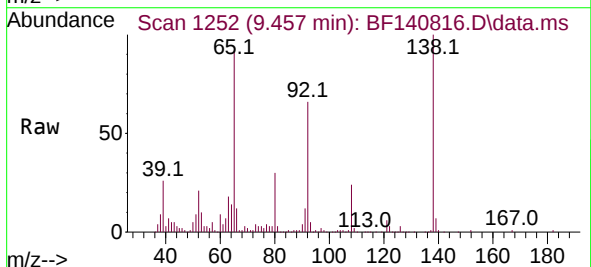
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

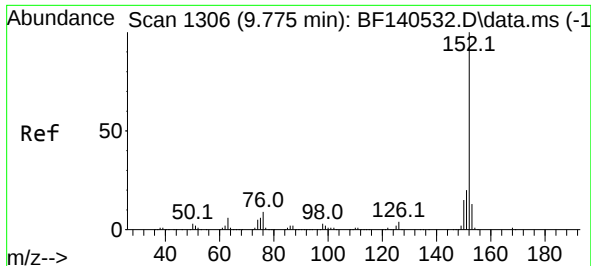
Tgt Ion:162 Resp: 366171
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 39.916 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion: 65 Resp: 94439
Ion Ratio Lower Upper
65 100
92 71.8 56.1 84.1
138 108.8 81.0 121.6





#49

Acenaphthylene

Concen: 51.594 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

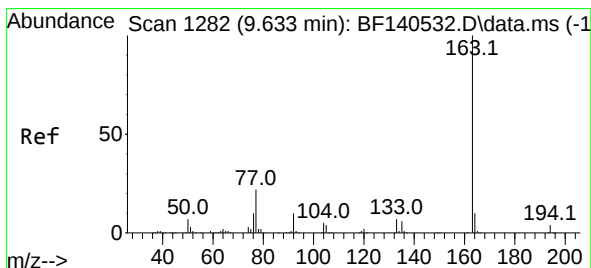
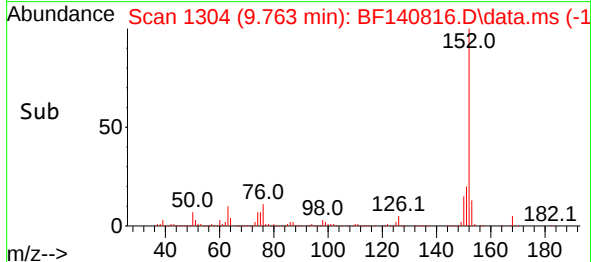
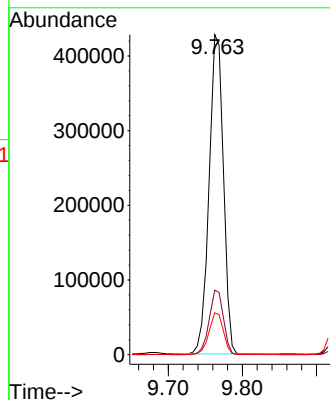
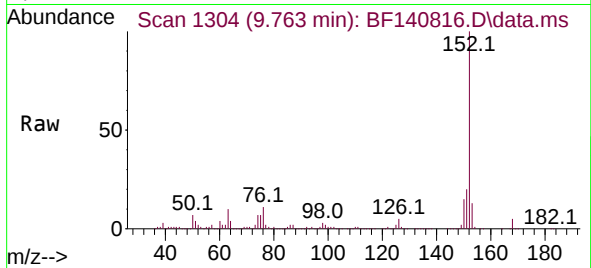
Tgt Ion:152 Resp: 574608

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 48.321 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

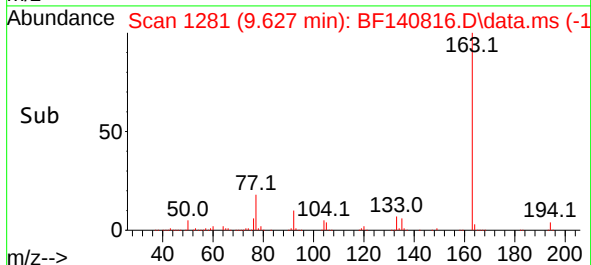
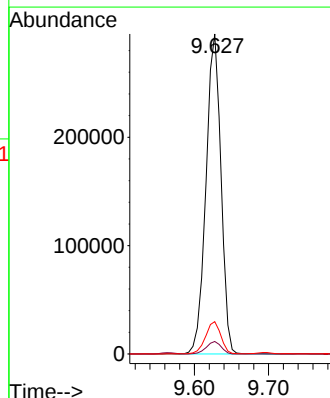
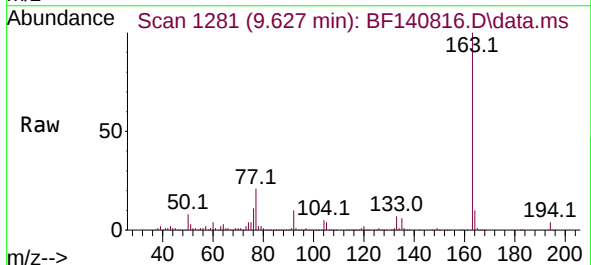
Tgt Ion:163 Resp: 414648

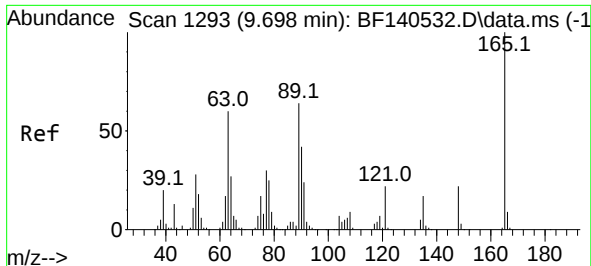
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2

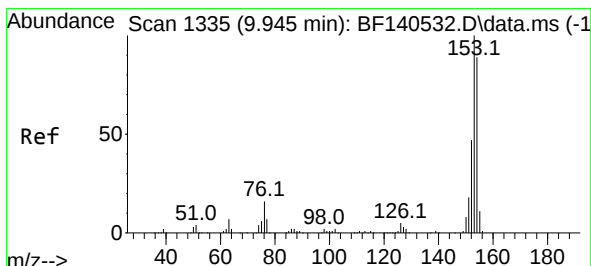
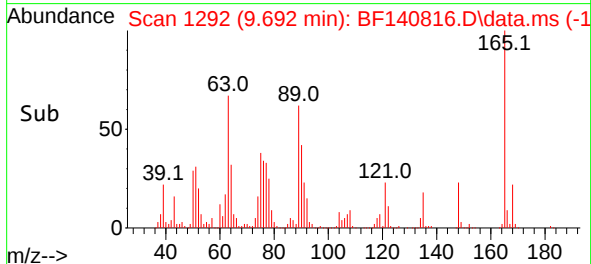
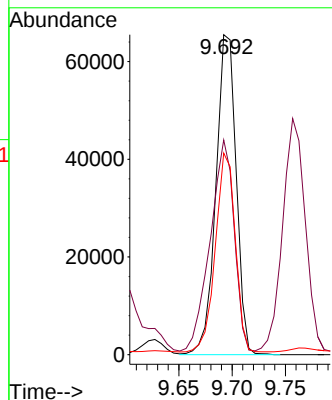
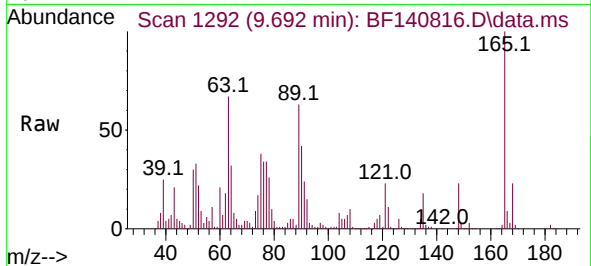




#51
2,6-Dinitrotoluene
Concen: 44.565 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

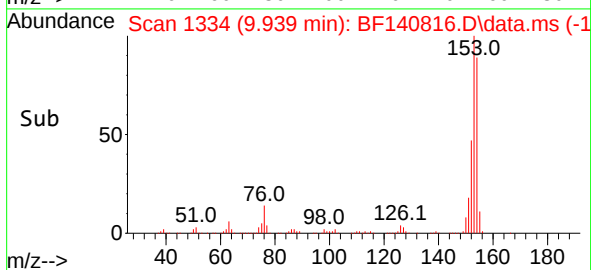
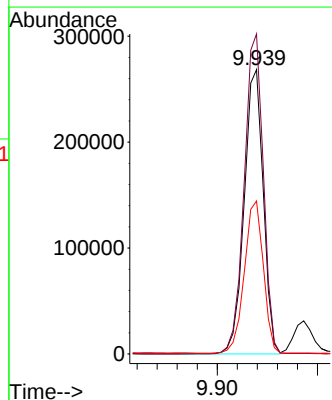
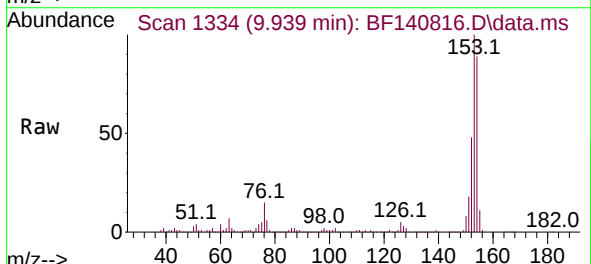
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

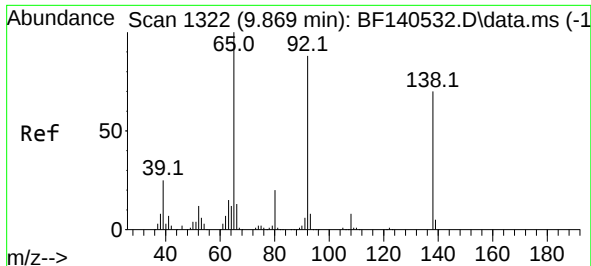
Tgt Ion:165 Resp: 86730
Ion Ratio Lower Upper
165 100
63 67.1 49.9 74.9
89 63.0 50.9 76.3



#52
Acenaphthene
Concen: 50.323 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:154 Resp: 356109
Ion Ratio Lower Upper
154 100
153 112.6 89.7 134.5
152 53.8 42.5 63.7

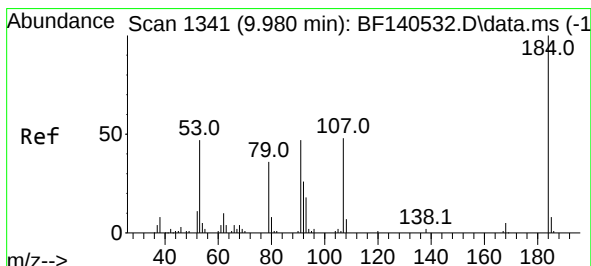
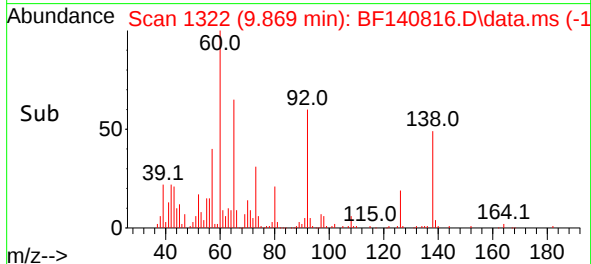
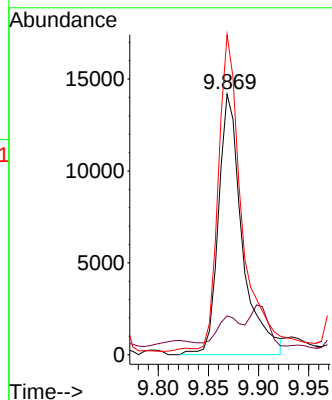
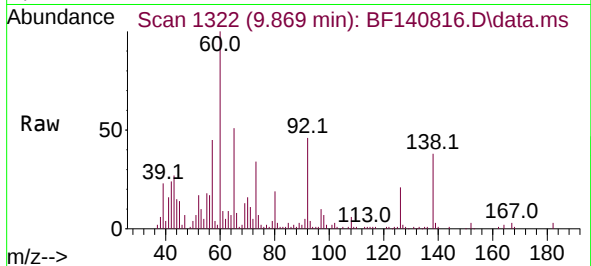




#53
3-Nitroaniline
Concen: 12.310 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

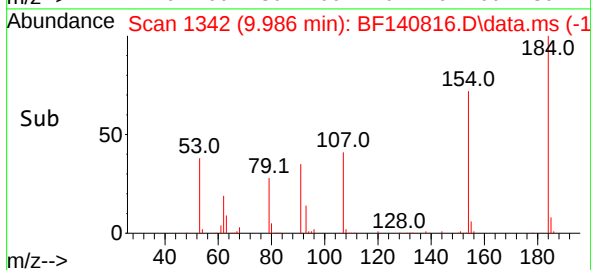
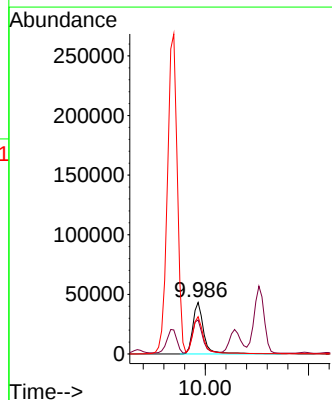
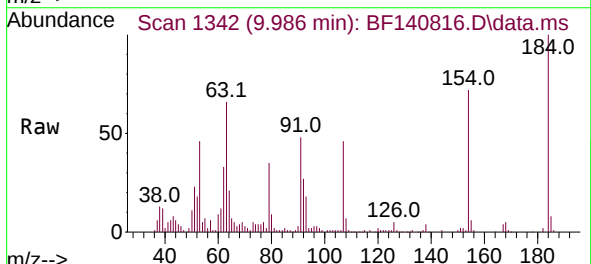
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

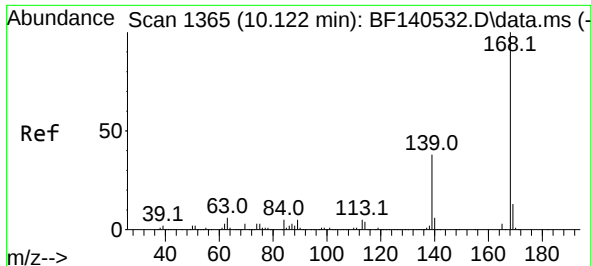
Tgt Ion:138 Resp: 23431
Ion Ratio Lower Upper
138 100
108 14.9 9.2 13.8#
92 122.8 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 64.307 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:184 Resp: 63102
Ion Ratio Lower Upper
184 100
63 66.0 54.1 81.1
154 72.4 57.4 86.0

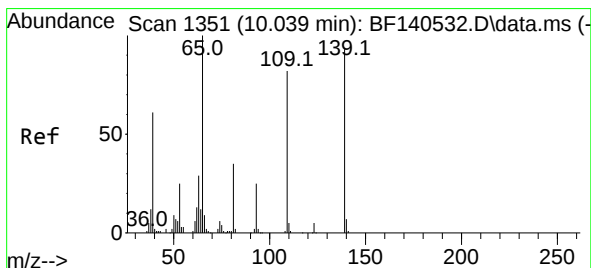
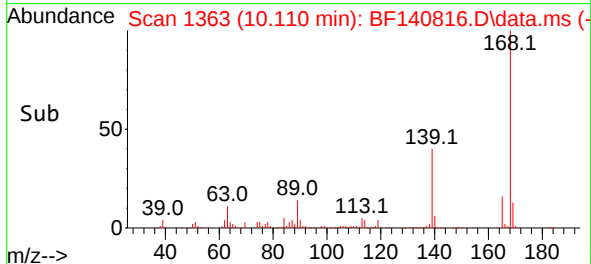
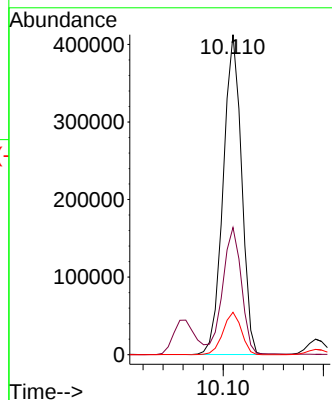
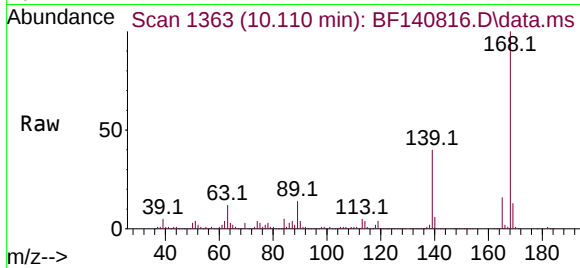




#55
Dibenzenofuran
Concen: 48.411 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

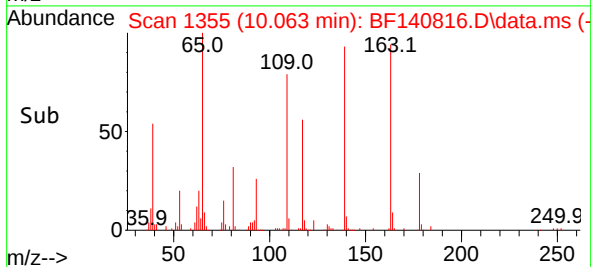
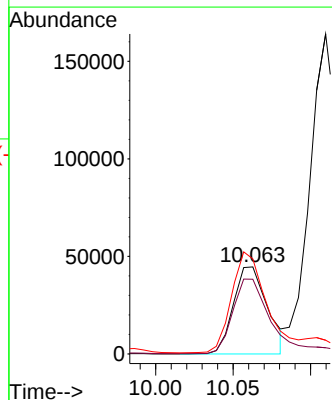
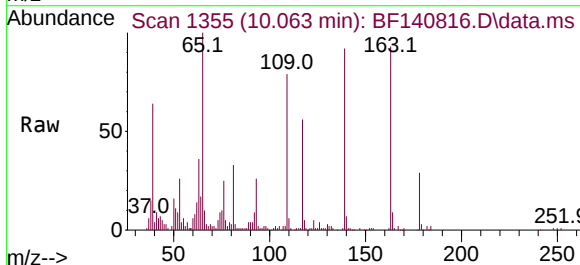
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

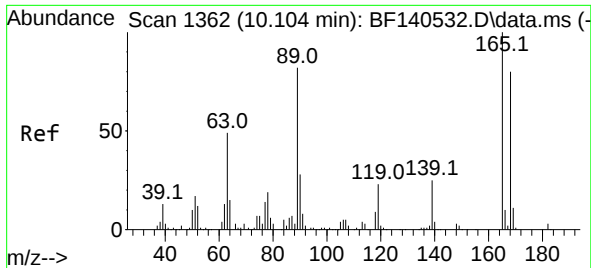
Tgt Ion:168 Resp: 522539
Ion Ratio Lower Upper
168 100
139 39.8 31.3 46.9
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 52.357 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.024 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:139 Resp: 67966
Ion Ratio Lower Upper
139 100
109 85.9 68.4 108.4
65 109.1 88.6 128.6

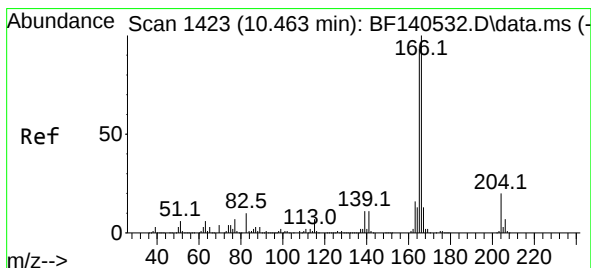
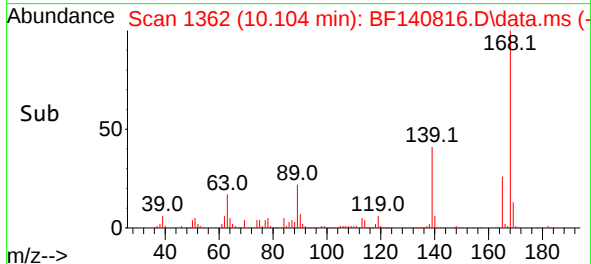
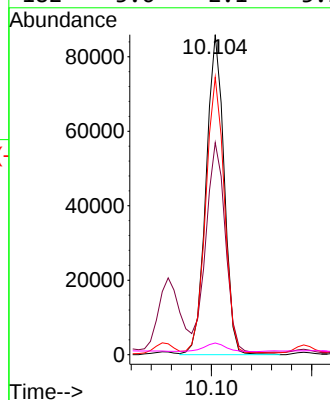
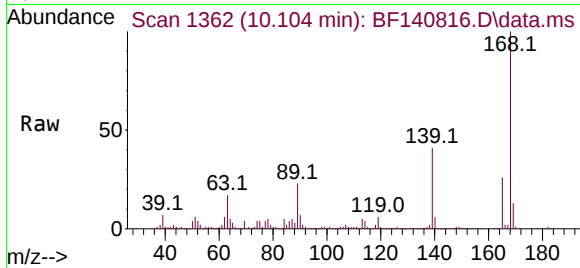




#57
2,4-Dinitrotoluene
Concen: 41.845 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

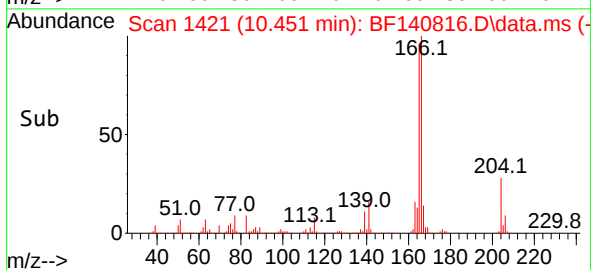
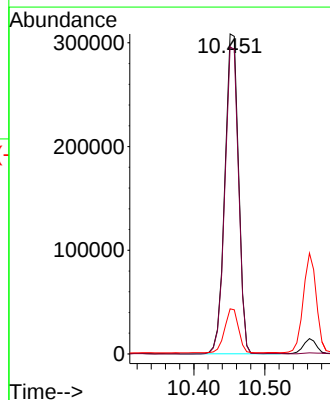
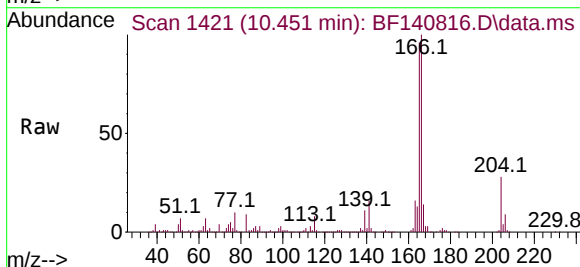
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

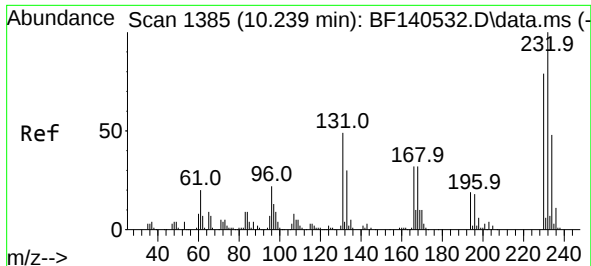
Tgt Ion:165 Resp: 108231
Ion Ratio Lower Upper
165 100
63 66.2 41.7 62.5#
89 86.7 65.8 98.8
182 3.6 2.1 3.1#



#58
Fluorene
Concen: 47.617 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:166 Resp: 412547
Ion Ratio Lower Upper
166 100
165 96.0 74.6 111.8
167 14.1 10.6 16.0

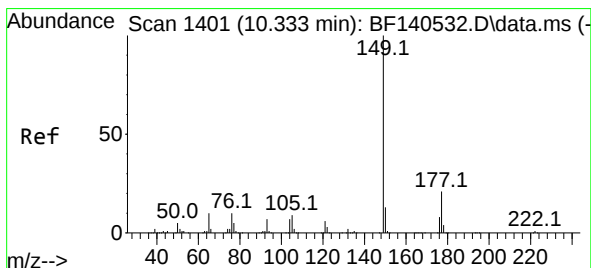
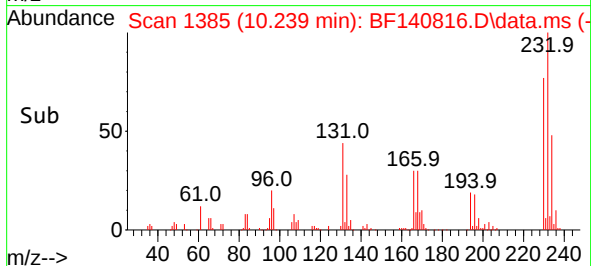
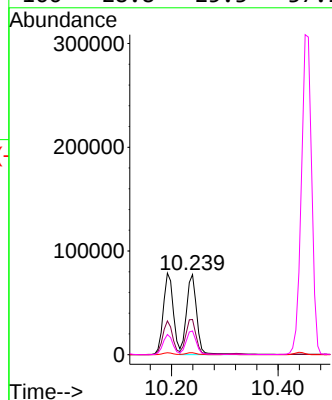
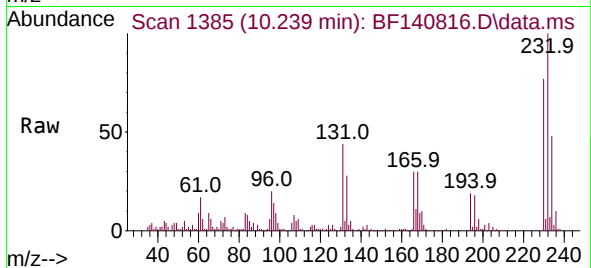




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.044 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

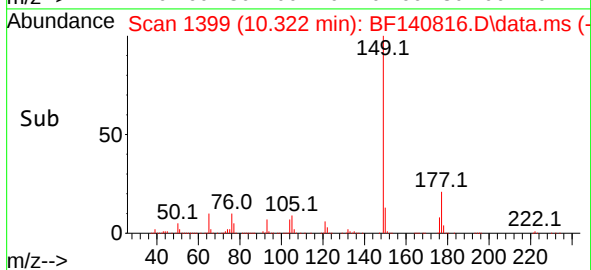
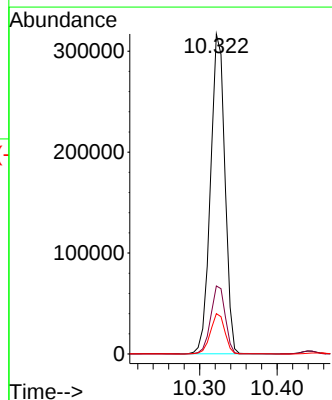
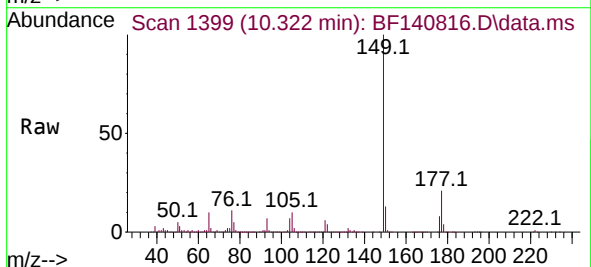
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

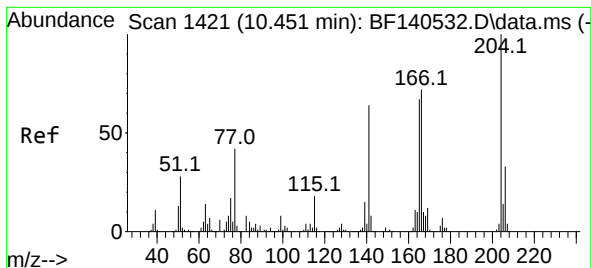
Tgt Ion:232 Resp: 101902
Ion Ratio Lower Upper
232 100
131 44.2 39.6 59.4
130 2.6 1.9 2.9
166 28.8 25.3 37.9



#60
Diethylphthalate
Concen: 46.893 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:149 Resp: 408841
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 10.1 15.1

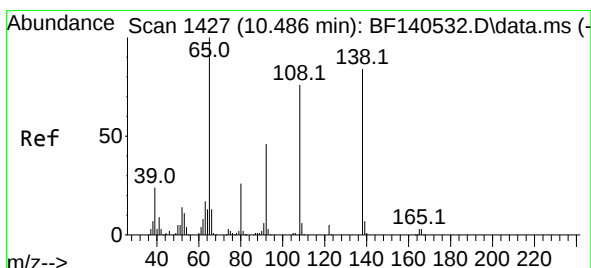
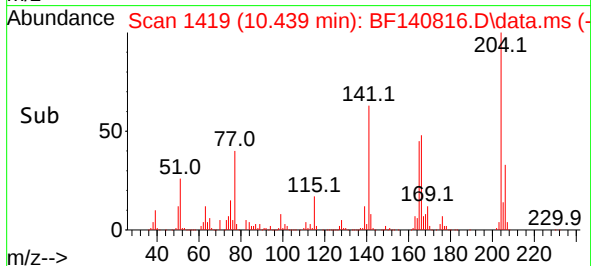
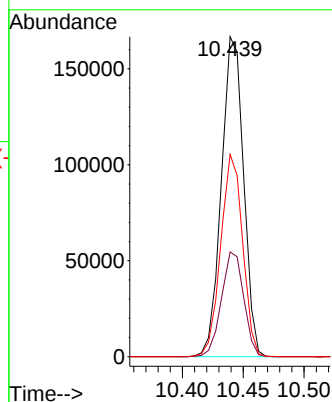
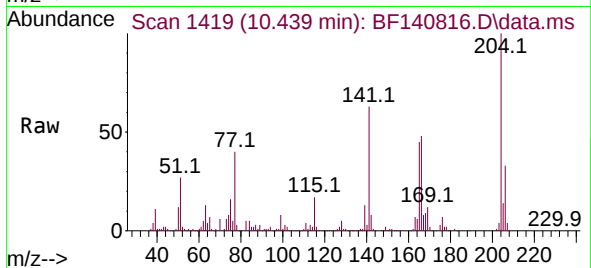




#61
4-Chlorophenyl-phenylether
Concen: 49.775 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

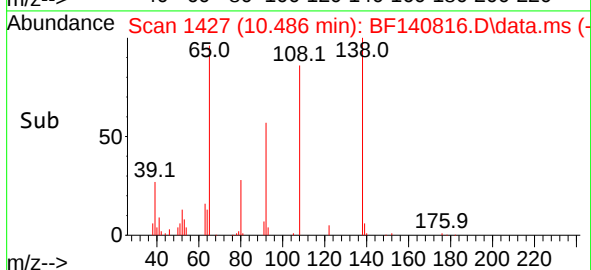
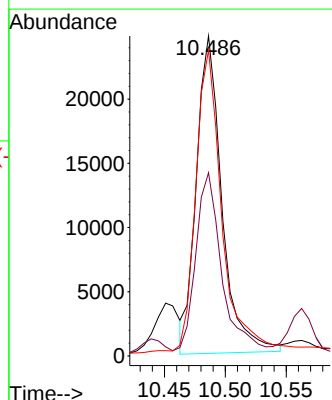
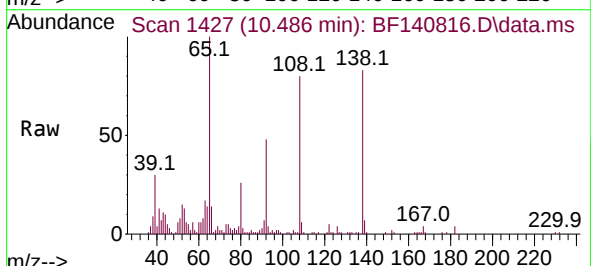
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

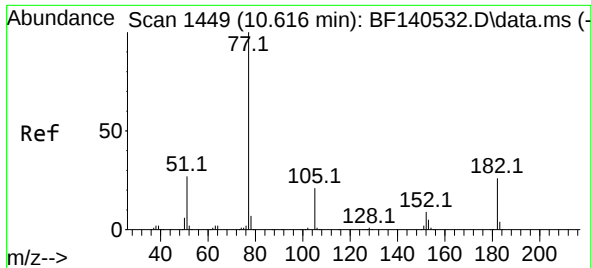
Tgt Ion:204 Resp: 211637
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.2 51.1 76.7



#62
4-Nitroaniline
Concen: 18.108 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:138 Resp: 36150
Ion Ratio Lower Upper
138 100
92 57.2 34.5 74.5
108 95.6 70.6 110.6

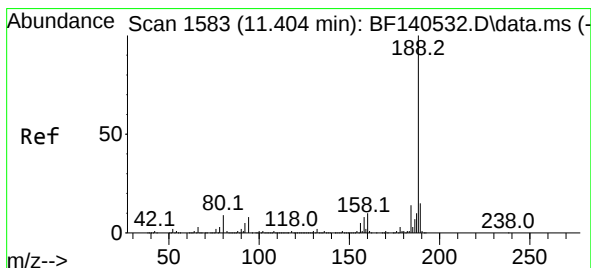
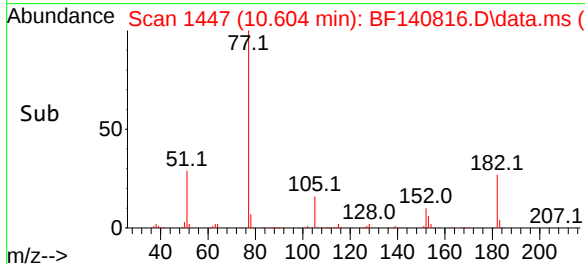
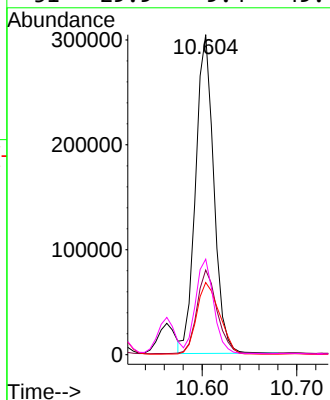
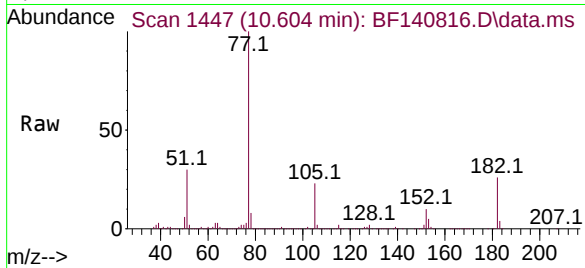




#63
Azobenzene
Concen: 48.964 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

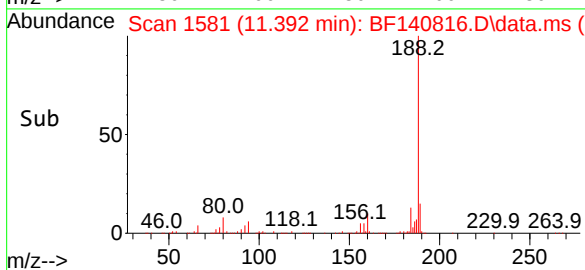
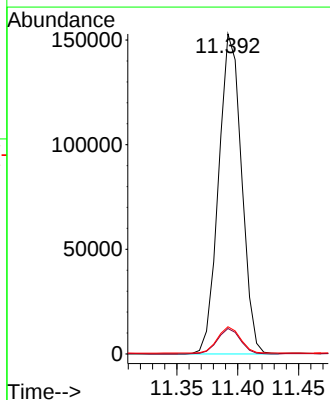
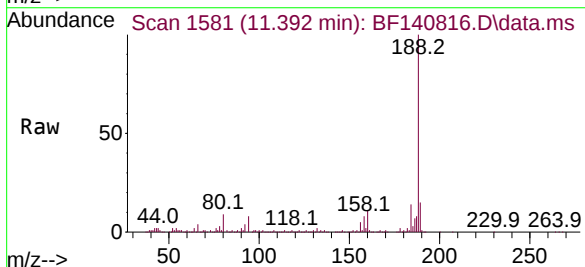
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

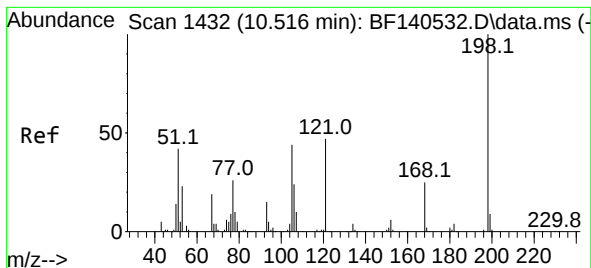
Tgt Ion: 77	Resp: 404264
Ion Ratio	Lower Upper
77 100	
182 26.5	5.3 45.3
105 22.5	0.3 40.3
51 29.9	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:188	Resp: 200873
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.5	6.9 10.3

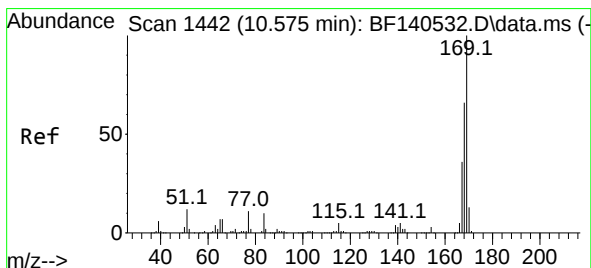
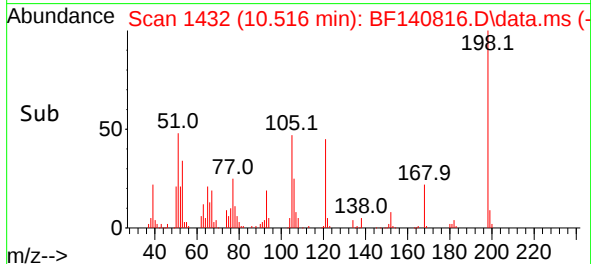
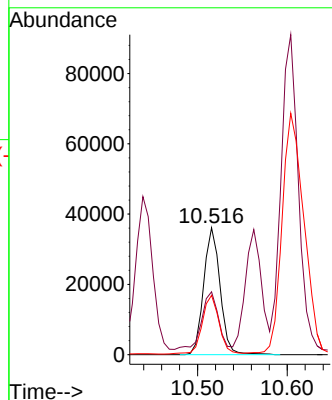
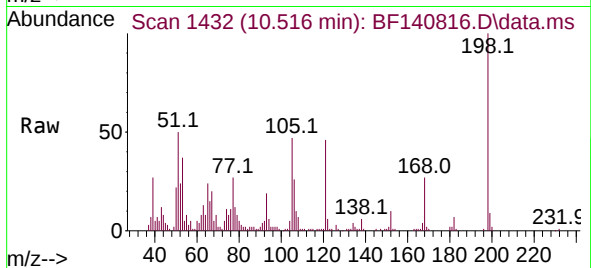




#65
4,6-Dinitro-2-methylphenol
Concen: 44.861 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

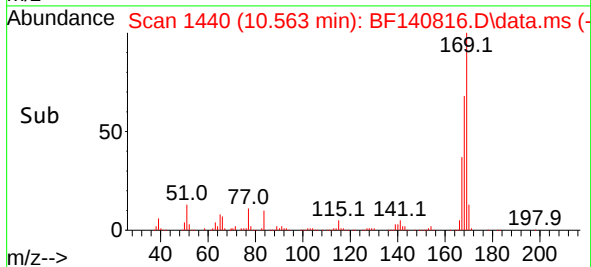
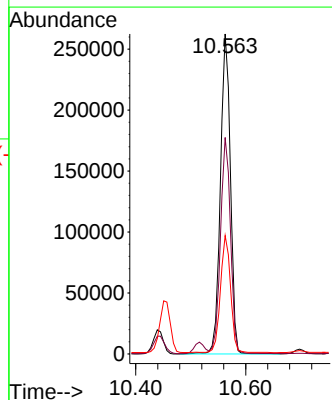
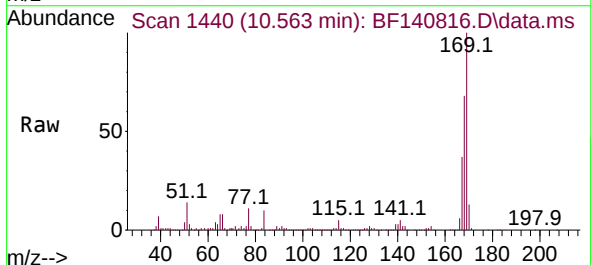
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

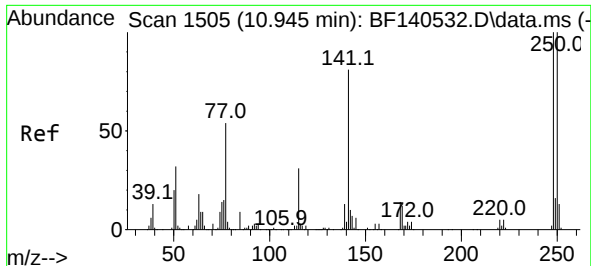
Tgt Ion:198 Resp: 46049
Ion Ratio Lower Upper
198 100
51 49.6 29.4 69.4
105 46.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 55.729 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:169 Resp: 331051
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 37.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 57.962 ng

RT: 10.933 min Scan# 1503

Delta R.T. -0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

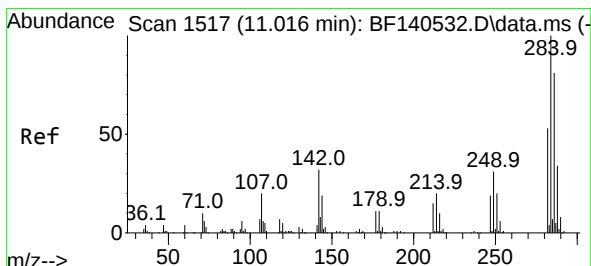
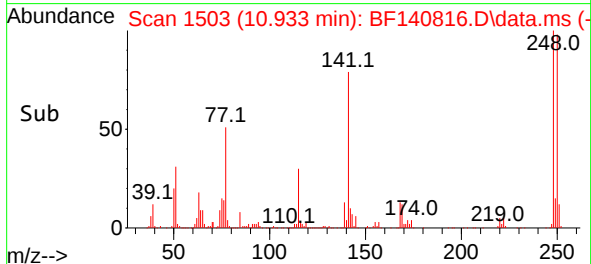
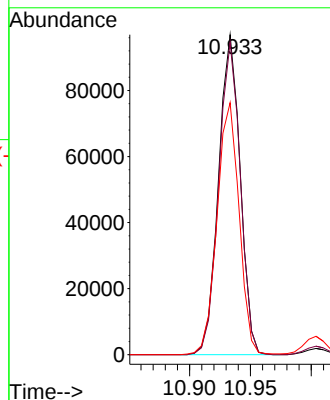
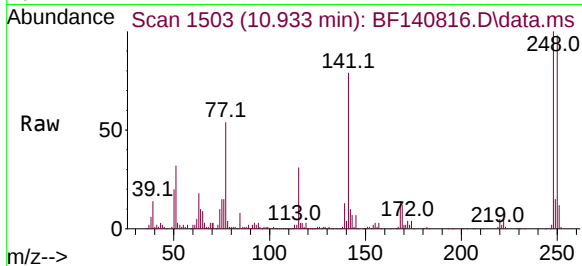
Tgt Ion:248 Resp: 119906

Ion Ratio Lower Upper

248 100

250 97.6 79.8 119.8

141 78.7 64.7 97.1



#68

Hexachlorobenzene

Concen: 57.899 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

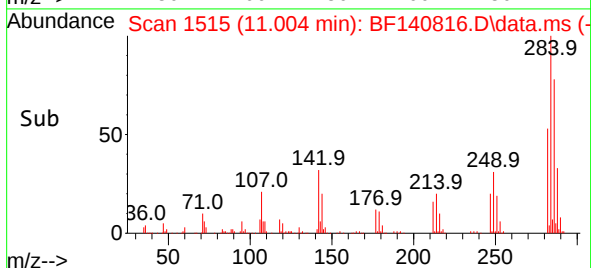
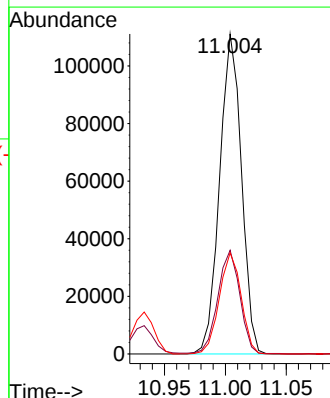
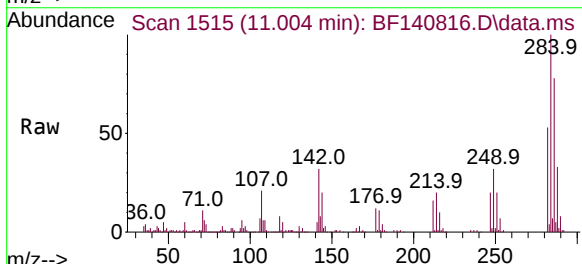
Tgt Ion:284 Resp: 138687

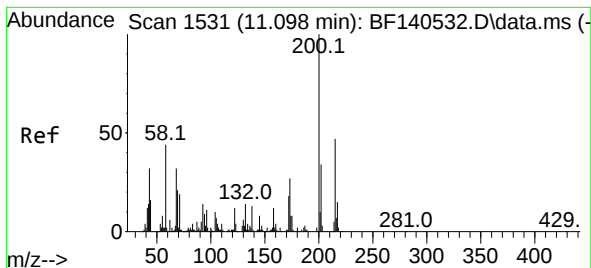
Ion Ratio Lower Upper

284 100

142 32.4 25.3 37.9

249 31.6 24.8 37.2





#69

Atrazine

Concen: 51.737 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

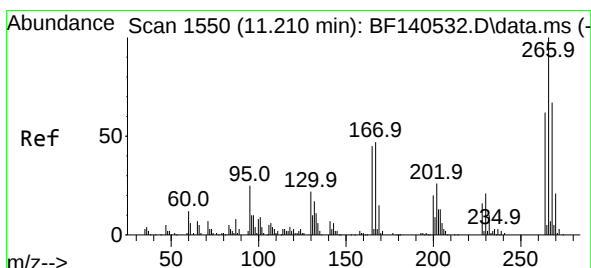
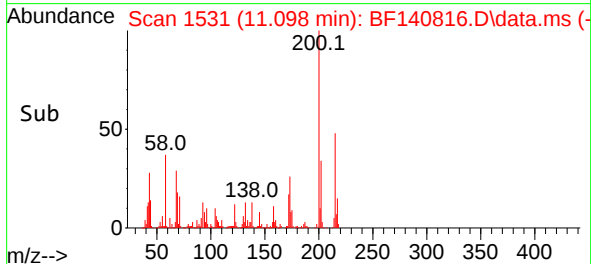
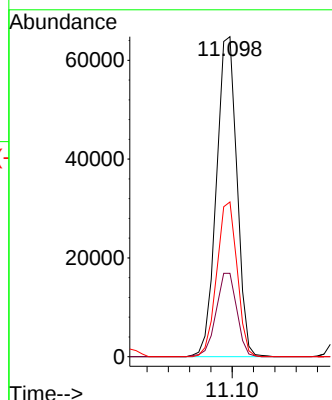
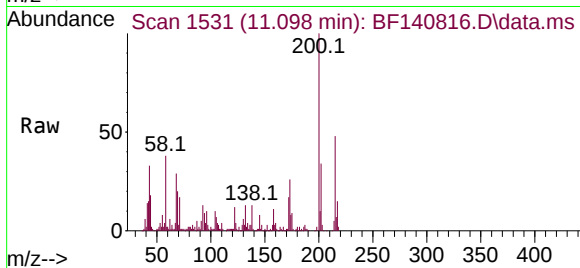
Tgt Ion:200 Resp: 86460

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 105.118 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

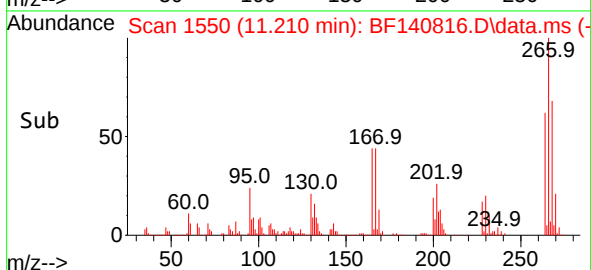
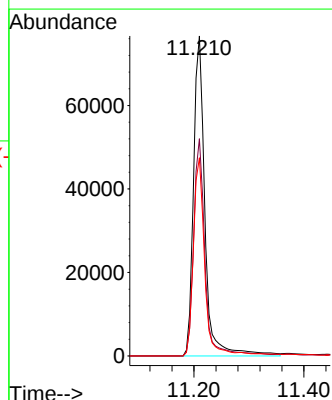
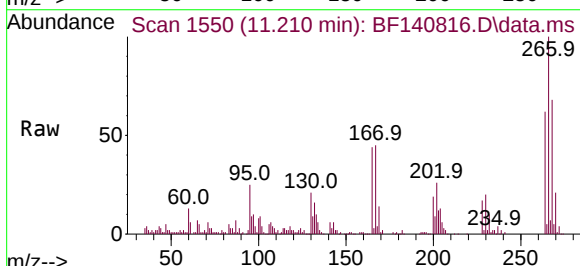
Tgt Ion:266 Resp: 110820

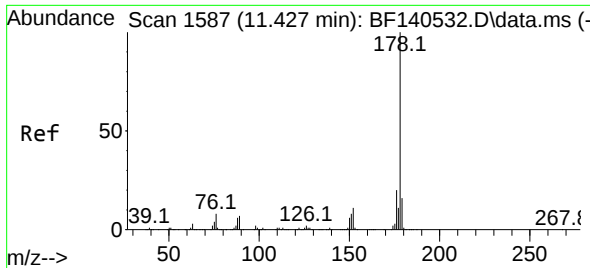
Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

264 61.9 49.8 74.8

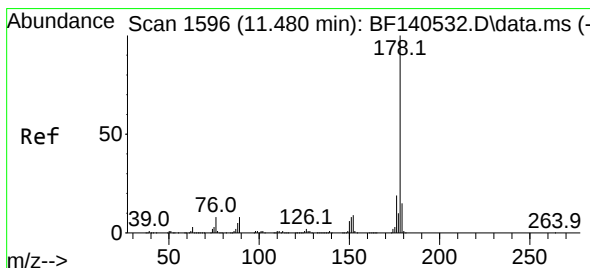
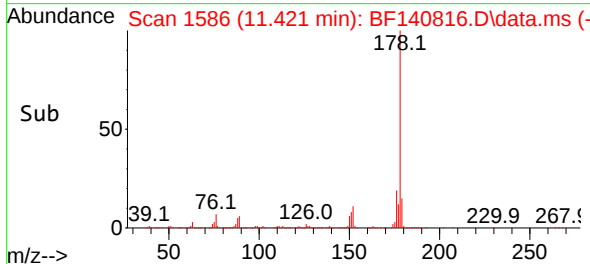
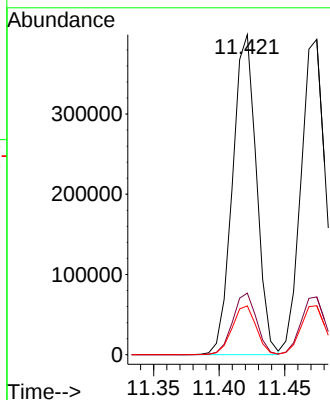
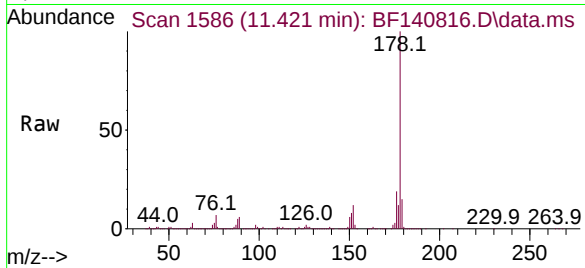




#71
Phenanthrene
Concen: 52.375 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

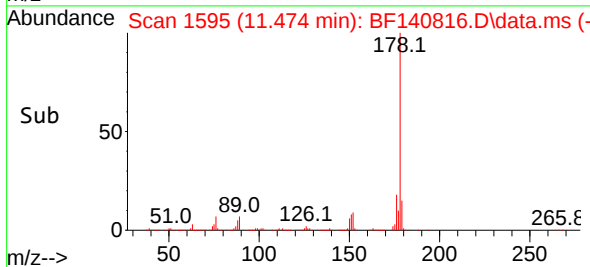
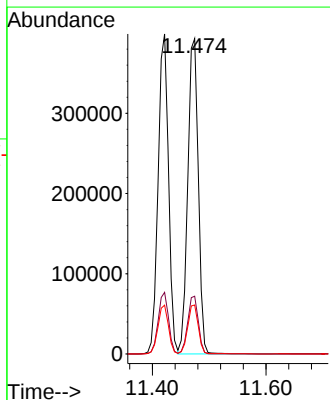
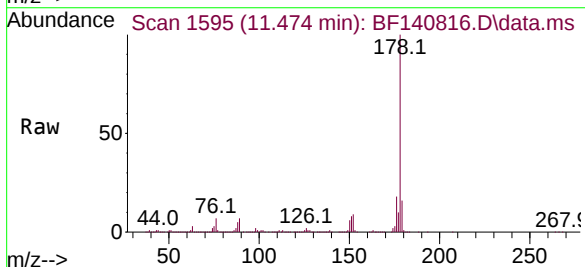
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

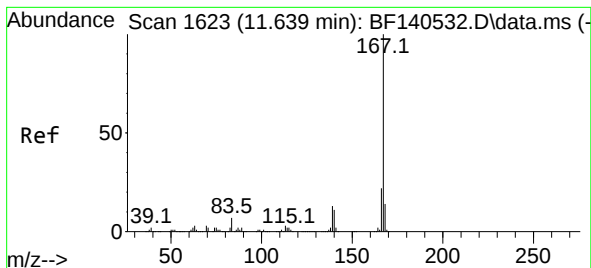
Tgt Ion:178 Resp: 505717
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.3 12.4 18.6



#72
Anthracene
Concen: 53.517 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:178 Resp: 505475
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 38.756 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

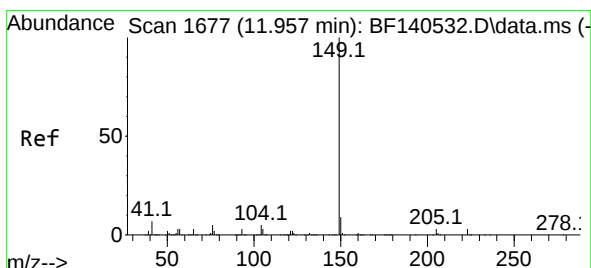
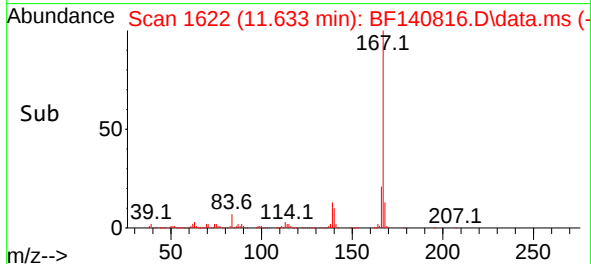
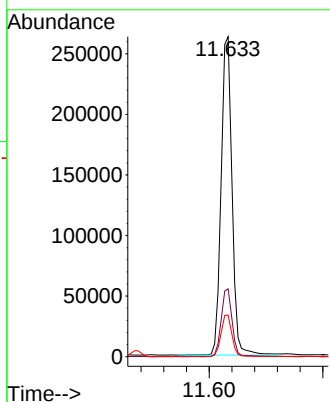
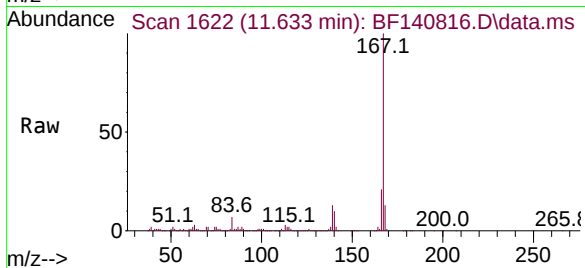
Tgt Ion:167 Resp: 352151

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.214 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

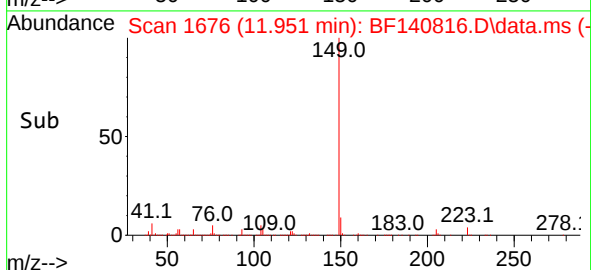
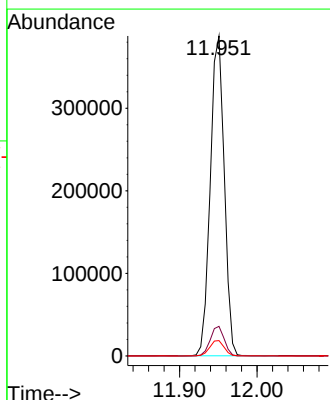
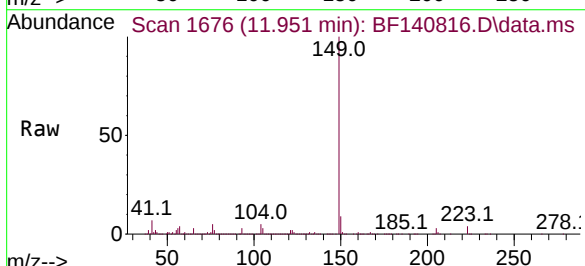
Tgt Ion:149 Resp: 484793

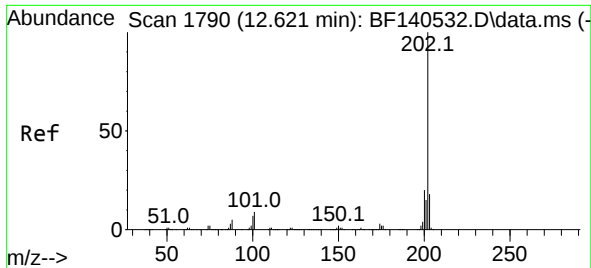
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 4.1 6.1

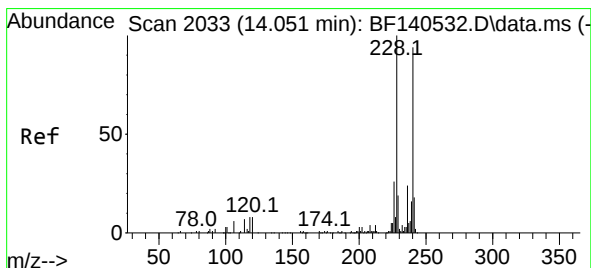
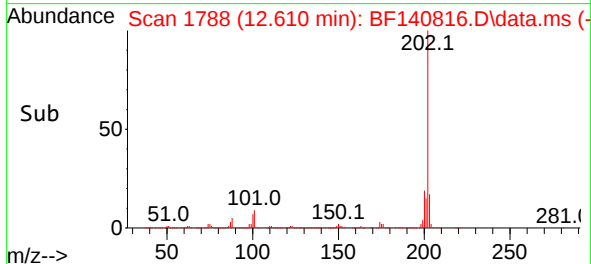
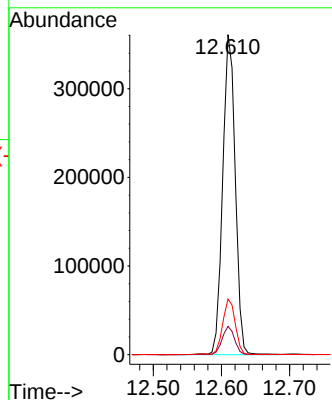
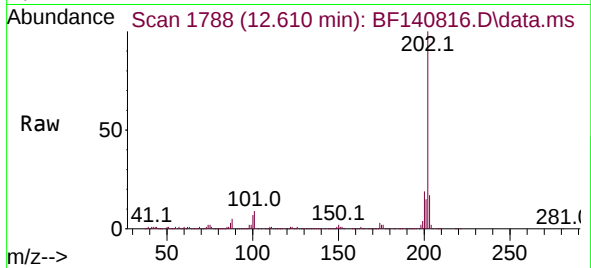




#75
Fluoranthene
Concen: 44.075 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

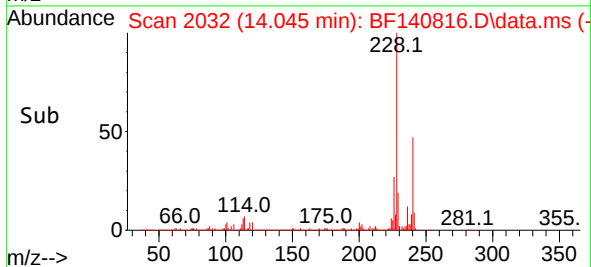
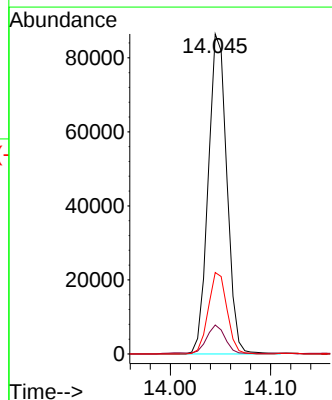
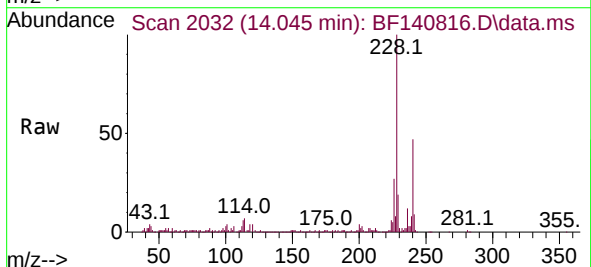
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

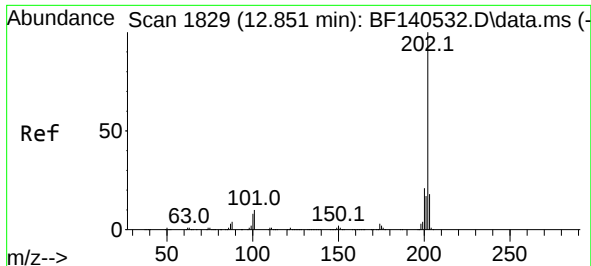
Tgt Ion:202 Resp: 462073
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:240 Resp: 111835
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.5 20.6 31.0

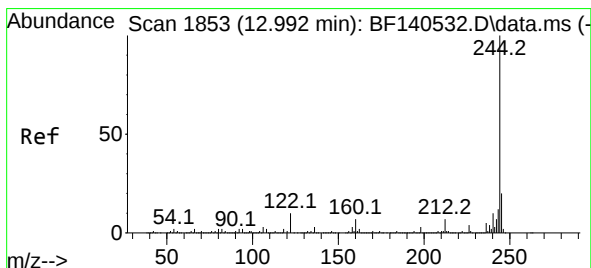
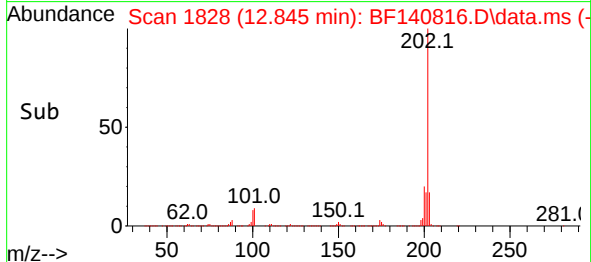
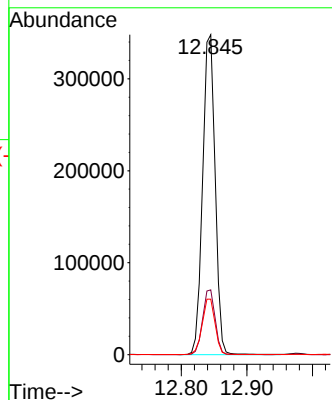
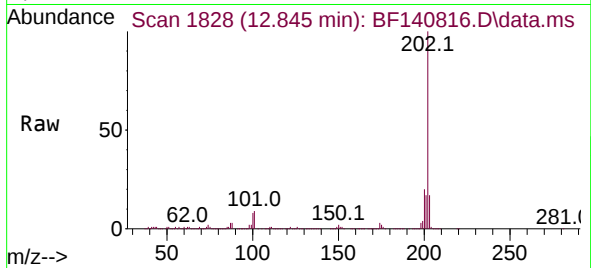




#78
Pyrene
Concen: 44.866 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

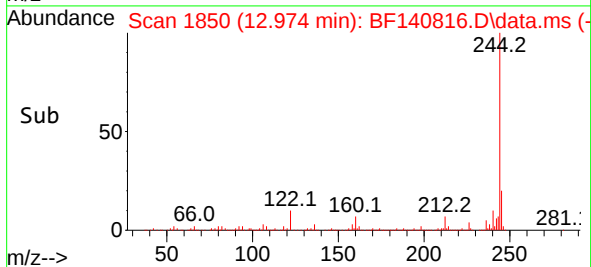
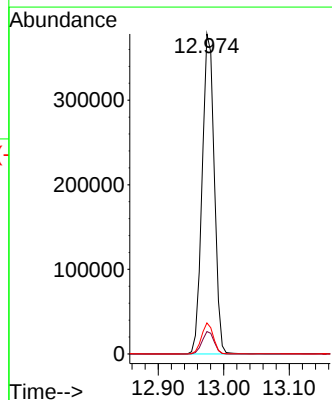
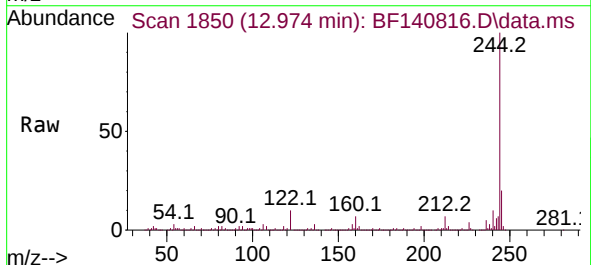
Instrument :
BNA_F
ClientSampleId :
TP-12MSD

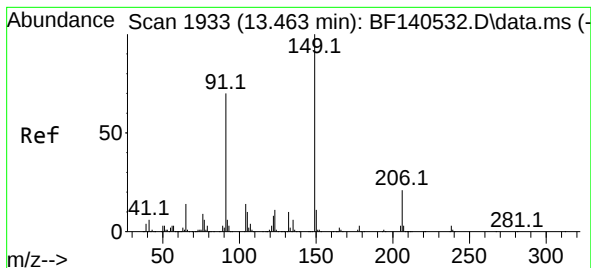
Tgt Ion:202 Resp: 463936
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.3 14.2 21.4



#79
Terphenyl-d14
Concen: 68.055 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BF140816.D
Acq: 10 Dec 2024 19:44

Tgt Ion:244 Resp: 488778
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 47.728 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

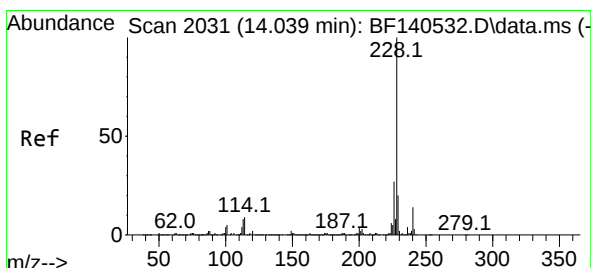
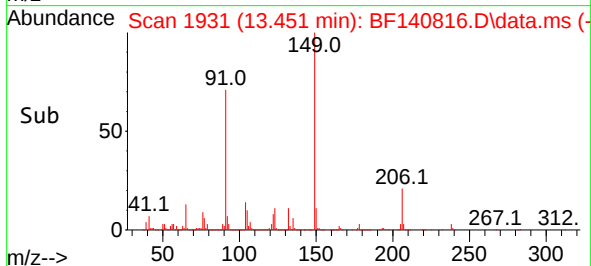
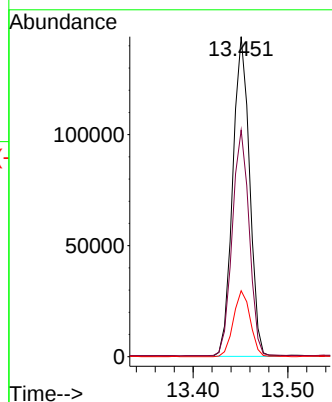
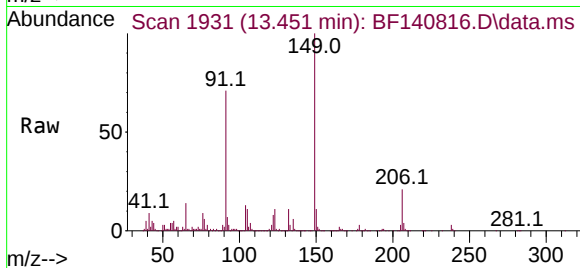
Tgt Ion:149 Resp: 177789

Ion Ratio Lower Upper

149 100

91 70.8 56.2 84.2

206 20.6 16.4 24.6



#81

Benzo(a)anthracene

Concen: 53.166 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

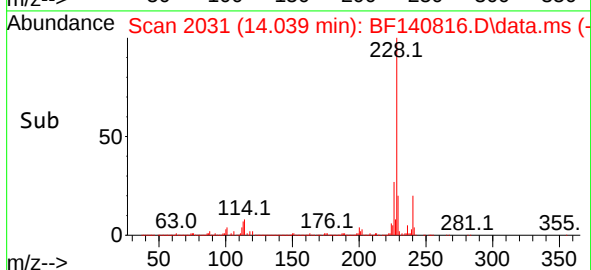
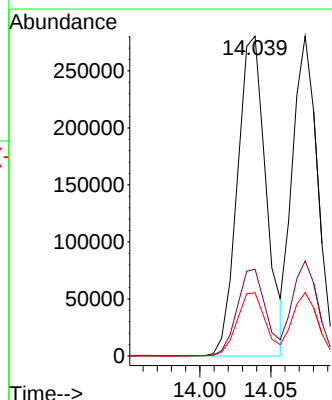
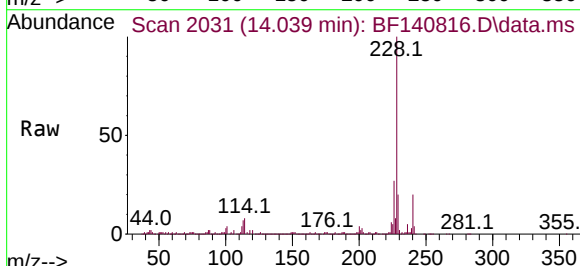
Tgt Ion:228 Resp: 393593

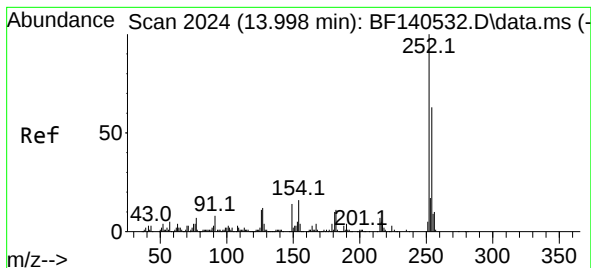
Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 14.554 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

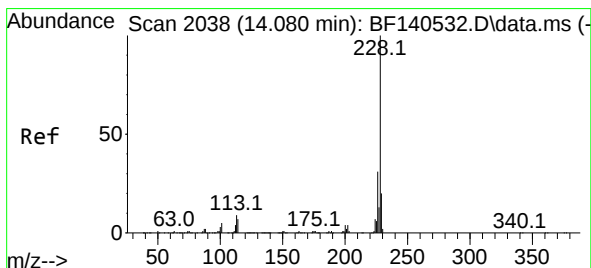
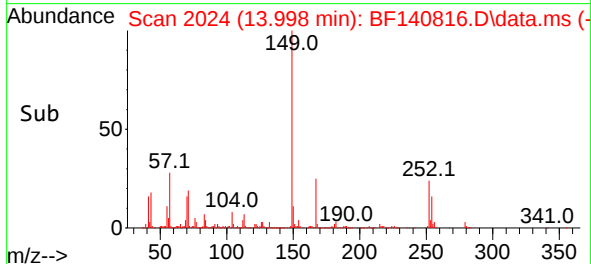
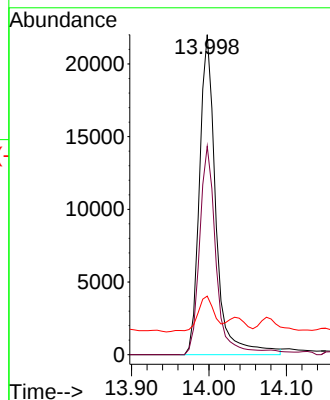
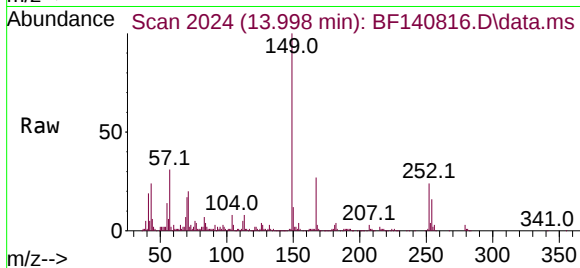
Tgt Ion:252 Resp: 32348

Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

126 18.3 8.6 13.0#



#83

Chrysene

Concen: 50.623 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

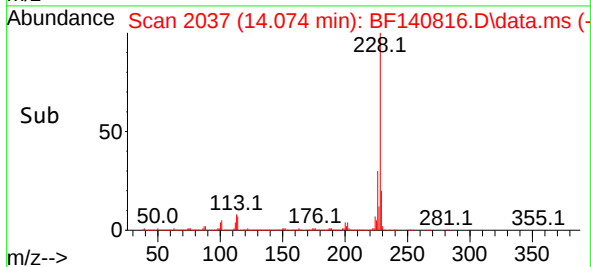
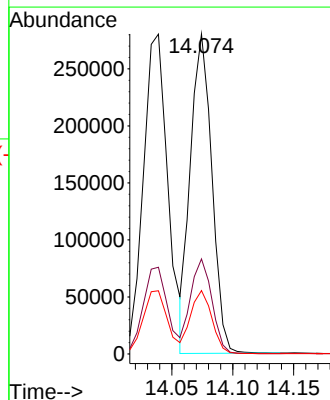
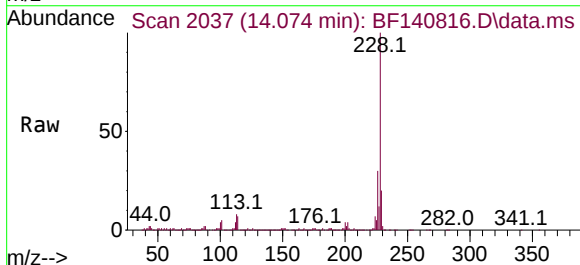
Tgt Ion:228 Resp: 342680

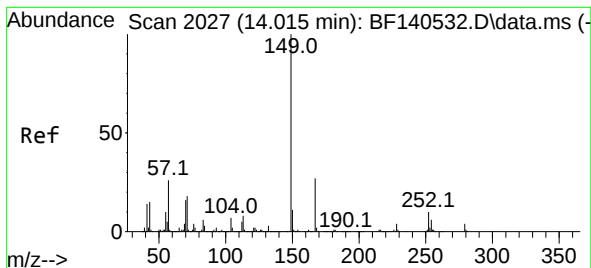
Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.8 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.164 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

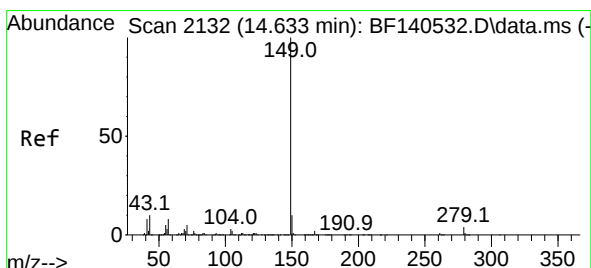
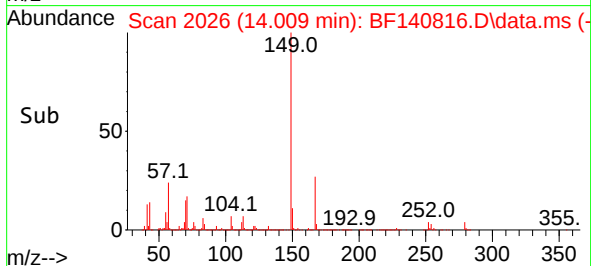
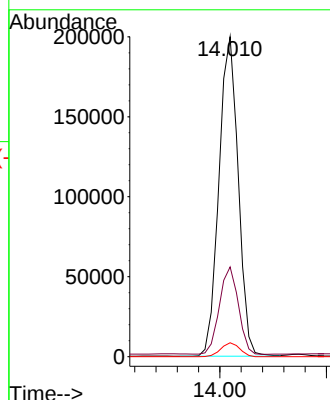
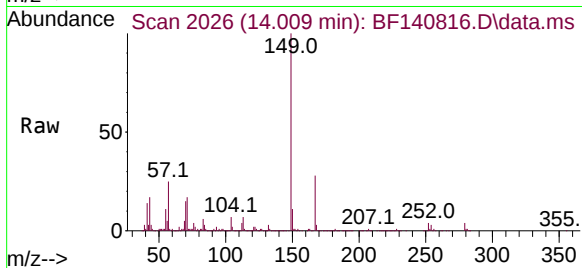
Tgt Ion:149 Resp: 250068

Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

279 4.4 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 61.312 ng

RT: 14.639 min Scan# 2133

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

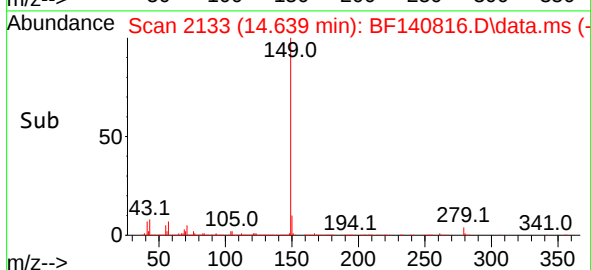
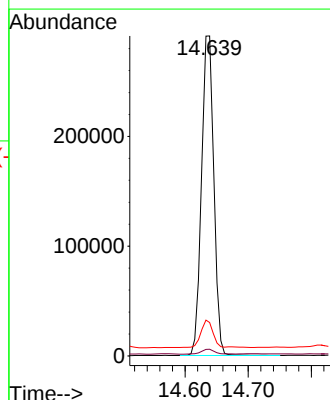
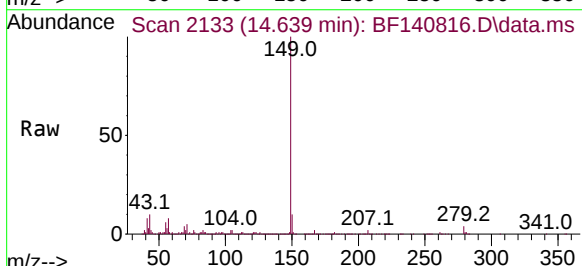
Tgt Ion:149 Resp: 394127

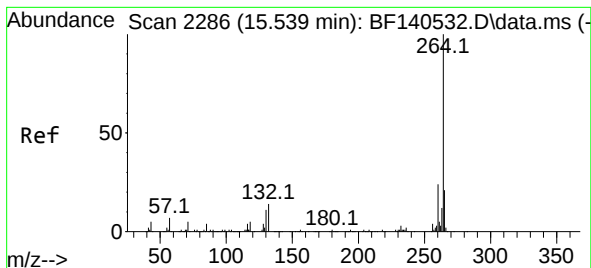
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.5 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

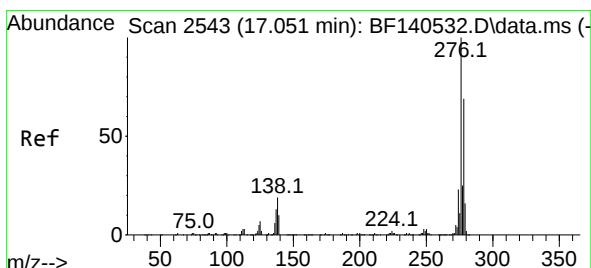
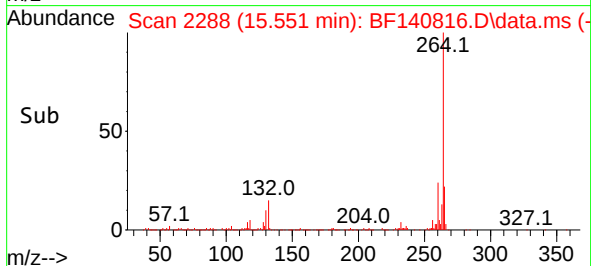
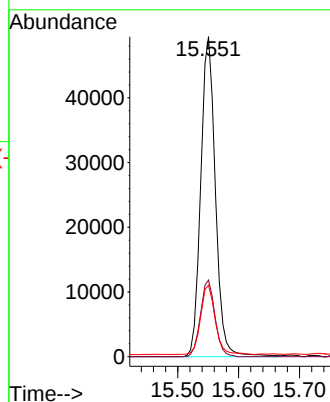
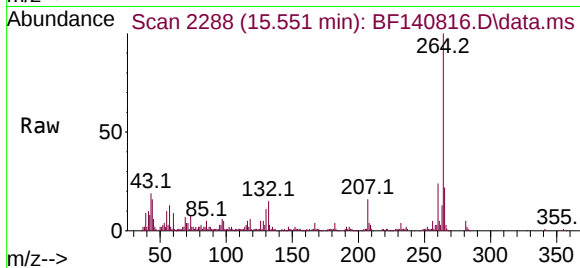
Tgt Ion:264 Resp: 82889

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.3 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.829 ng

RT: 17.068 min Scan# 2546

Delta R.T. 0.018 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

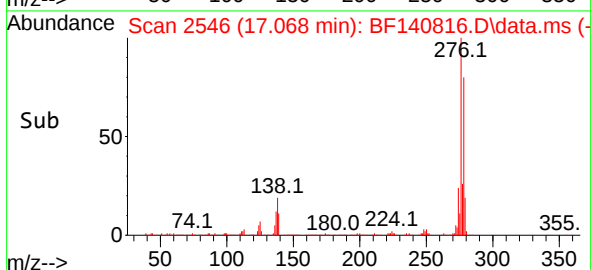
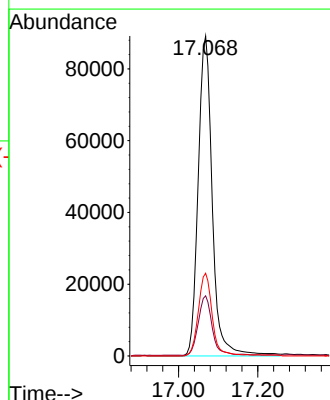
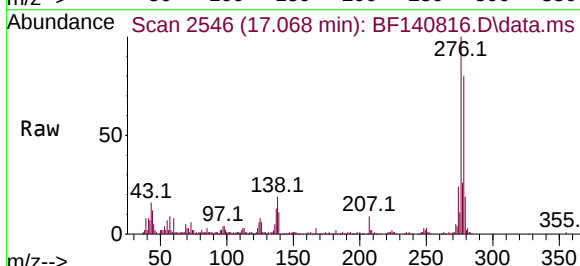
Tgt Ion:276 Resp: 220551

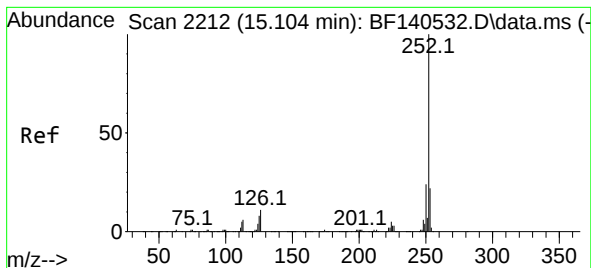
Ion Ratio Lower Upper

276 100

138 18.0 15.5 23.3

277 25.4 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 63.137 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

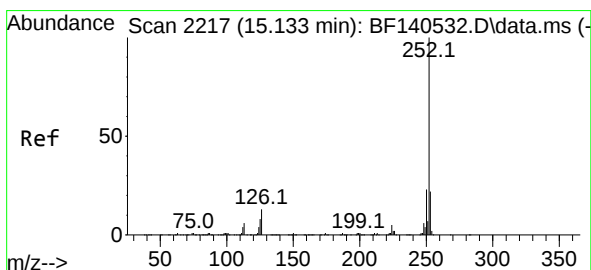
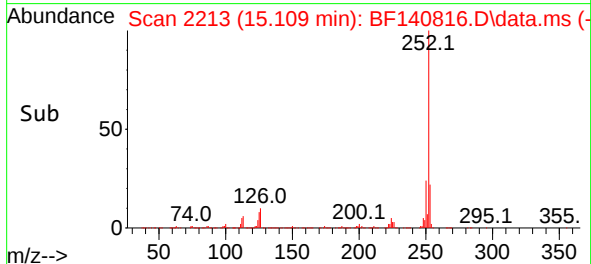
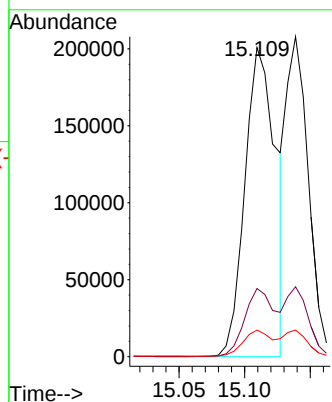
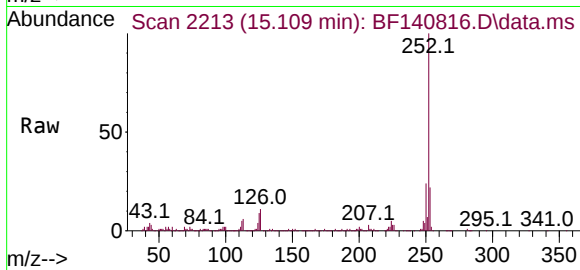
Tgt Ion:252 Resp: 328713

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.6 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 53.432 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

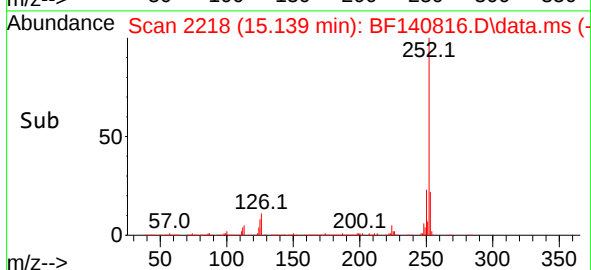
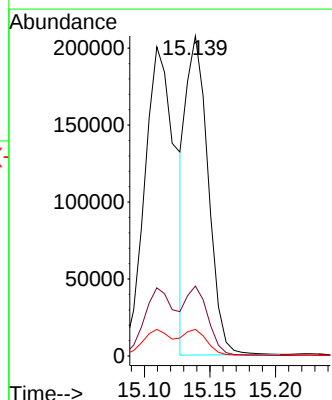
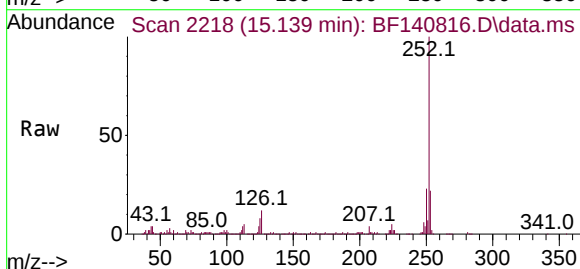
Tgt Ion:252 Resp: 243437

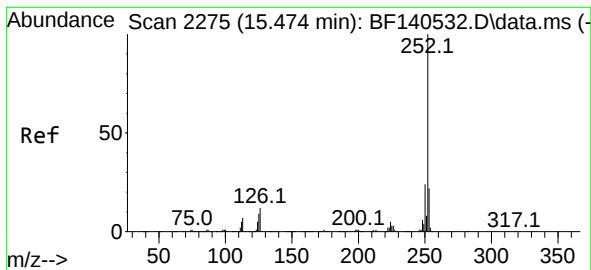
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.3 6.5 9.7





#90

Benzo(a)pyrene

Concen: 55.156 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

TP-12MSD

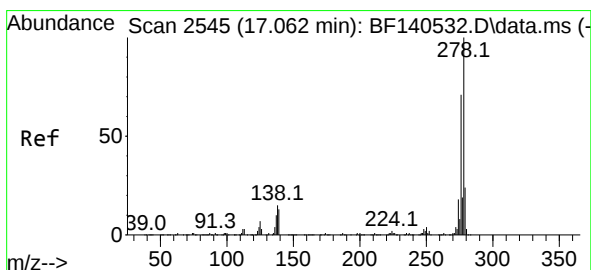
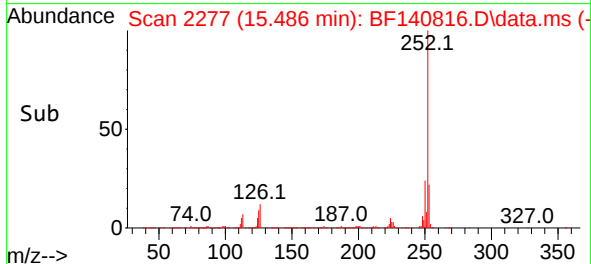
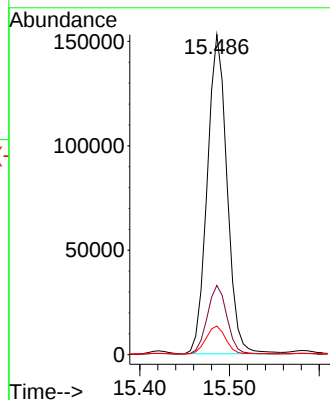
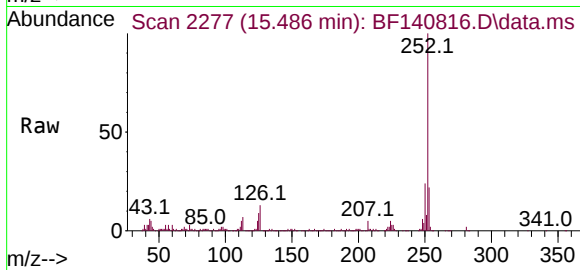
Tgt Ion:252 Resp: 233487

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.0 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 38.249 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.012 min

Lab File: BF140816.D

Acq: 10 Dec 2024 19:44

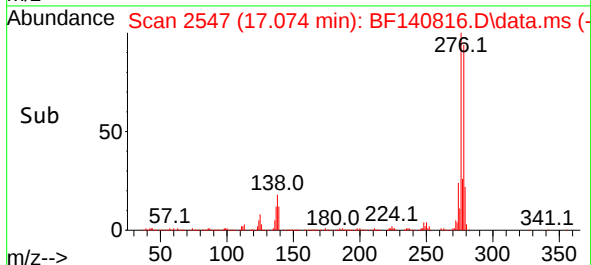
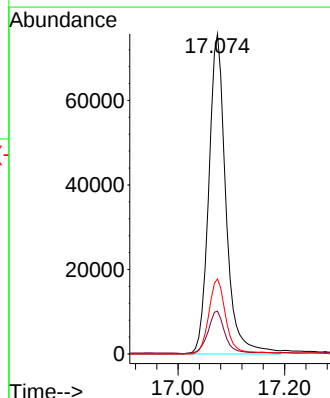
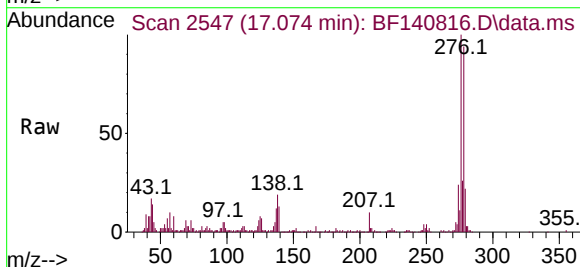
Tgt Ion:278 Resp: 169209

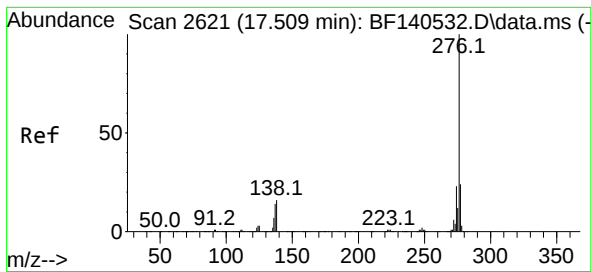
Ion Ratio Lower Upper

278 100

139 13.3 10.2 15.4

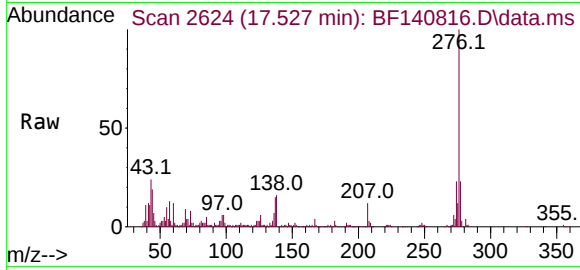
279 23.4 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 36.147 ng
 RT: 17.527 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF140816.D
 Acq: 10 Dec 2024 19:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-12MSD



Tgt Ion:	276	Resp:	163180
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	16.1	13.2	19.8

