

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140626.D
 Acq On : 26 Nov 2024 01:32
 Operator : RC/JU
 Sample : P4954-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MSD

Quant Time: Nov 26 02:45:09 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	6.875	152	61412	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	198746	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	94548	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	157588	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	80063	20.000	ng	0.00
86) Perylene-d12	15.539	264	71140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	408932	113.614	ng	0.00
7) Phenol-d6	6.516	99	522391	109.783	ng	0.00
23) Nitrobenzene-d5	7.439	82	326968	84.150	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	105908	104.735	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	515632	81.256	ng	0.00
79) Terphenyl-d14	12.986	244	410542	79.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	71350	47.148	ng	98
3) Pyridine	3.416	79	184076	55.284	ng	99
4) n-Nitrosodimethylamine	3.363	42	101149	51.687	ng	97
6) Aniline	6.534	93	88722	26.490	ng	# 11
8) 2-Chlorophenol	6.663	128	198934	51.373	ng	96
9) Benzaldehyde	6.428	77	114418	45.422	ng	# 62
10) Phenol	6.528	94	257312	52.950	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	188212	50.613	ng	99
12) 1,3-Dichlorobenzene	6.816	146	209321	48.107	ng	99
13) 1,4-Dichlorobenzene	6.892	146	212932	48.331	ng	99
14) 1,2-Dichlorobenzene	7.045	146	200138	48.480	ng	99
15) Benzyl Alcohol	7.016	79	178018	50.447	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217490	49.507	ng	73
17) 2-Methylphenol	7.134	107	151615	48.912	ng	93
18) Hexachloroethane	7.387	117	114453	69.557	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	152625	54.272	ng	97
20) 3+4-Methylphenols	7.287	107	202618	50.855	ng	95
22) Acetophenone	7.281	105	396102	81.749	ng	94
24) Nitrobenzene	7.457	77	208674	51.963	ng	98
25) Isophorone	7.692	82	395682	61.055	ng	# 90
26) 2-Nitrophenol	7.775	139	91359	51.336	ng	# 92
27) 2,4-Dimethylphenol	7.810	122	136787	64.241	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	212865	53.916	ng	# 90
29) 2,4-Dichlorophenol	8.028	162	152929	54.202	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155699	48.332	ng	100
31) Naphthalene	8.181	128	581131	56.767	ng	97
32) Benzoic acid	7.928	122	75779	41.961	ng	# 1
33) 4-Chloroaniline	8.234	127	60206	19.643	ng	# 86
34) Hexachlorobutadiene	8.292	225	106876	50.088	ng	99
35) Caprolactam	8.575	113	67984	77.860	ng	# 1
36) 4-Chloro-3-methylphenol	8.716	107	149695	47.387	ng	98
37) 2-Methylnaphthalene	8.869	142	411408	63.272	ng	100
38) 1-Methylnaphthalene	8.969	142	343224	53.852	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	146772	53.027	ng	98
41) Hexachlorocyclopentadiene	9.022	237	3750	12.770	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	91503	52.684	ng	99

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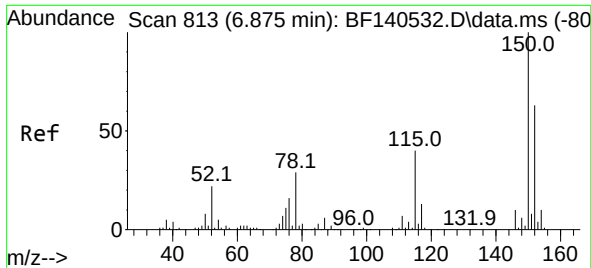
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	91314	48.444	ng	# 79
46) 1,1'-Biphenyl	9.333	154	411022	58.226	ng	100
47) 2-Chloronaphthalene	9.363	162	270374	50.549	ng	99
48) 2-Nitroaniline	9.457	65	100230	58.380	ng	92
49) Acenaphthylene	9.781	152	432447	53.510	ng	98
50) Dimethylphthalate	9.628	163	320419	51.457	ng	# 98
51) 2,6-Dinitrotoluene	9.698	165	67848	48.043	ng	97
52) Acenaphthene	9.951	154	261909	51.005	ng	95
53) 3-Nitroaniline	9.869	138	52057	37.689	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	6985	16.439	ng	# 46
55) Dibenzofuran	10.122	168	393717	50.267	ng	96
56) 4-Nitrophenol	10.039	139	101930	108.207	ng	92
57) 2,4-Dinitrotoluene	10.104	165	86862	46.280	ng	# 96
58) Fluorene	10.463	166	314981	50.101	ng	# 96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	71733	49.517	ng	# 74
60) Diethylphthalate	10.333	149	303509	47.973	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	146353	47.435	ng	94
62) 4-Nitroaniline	10.480	138	59466	41.049	ng	95
63) Azobenzene	10.616	77	339535	56.672	ng	90
65) 4,6-Dinitro-2-methylph...	10.516	198	7069	8.778	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	288393	61.883	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	84383	51.995	ng	95
68) Hexachlorobenzene	11.016	284	92053	48.986	ng	# 92
69) Atrazine	11.098	200	90750	69.220	ng	98
70) Pentachlorophenol	11.216	266	84123	101.712	ng	99
71) Phenanthrene	11.427	178	505228	66.696	ng	99
72) Anthracene	11.480	178	428947	57.888	ng	98
73) Carbazole	11.639	167	394905	55.399	ng	99
74) Di-n-butylphthalate	11.957	149	438606	53.296	ng	100
75) Fluoranthene	12.621	202	548474	66.687	ng	100
77) Benzidine	12.739	184	103748	44.569	ng	97
78) Pyrene	12.851	202	518530	70.045	ng	99
80) Butylbenzylphthalate	13.457	149	149128	55.920	ng	95
81) Benzo(a)anthracene	14.039	228	333823	62.987	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	60093	37.765	ng	99
83) Chrysene	14.074	228	296493	61.182	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	179490	53.303	ng	99
85) Di-n-octyl phthalate	14.633	149	257105	55.869	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	221980	47.881	ng	98
88) Benzo(b)fluoranthene	15.104	252	255623	57.207	ng	98
89) Benzo(k)fluoranthene	15.133	252	208234	53.253	ng	99
90) Benzo(a)pyrene	15.480	252	233495	64.268	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	169953	44.762	ng	99
92) Benzo(g,h,i)perylene	17.509	276	153788	39.693	ng	99

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

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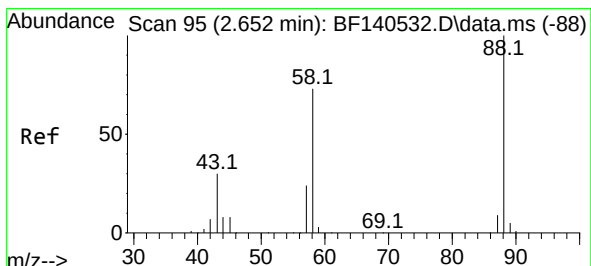
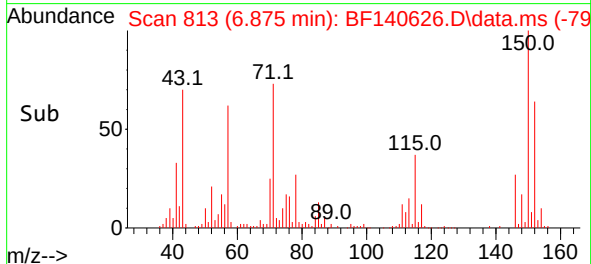
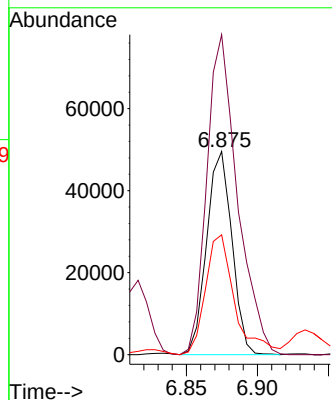
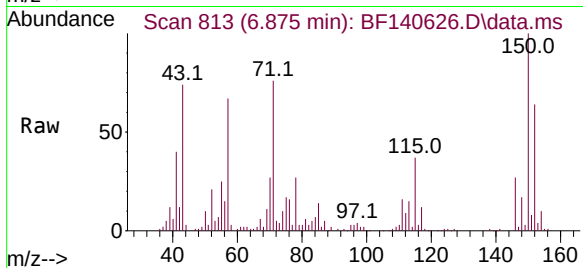




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

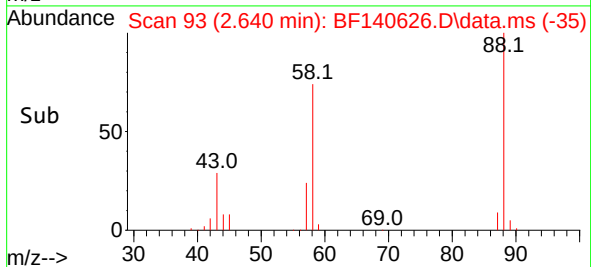
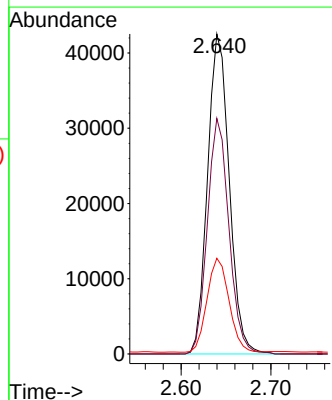
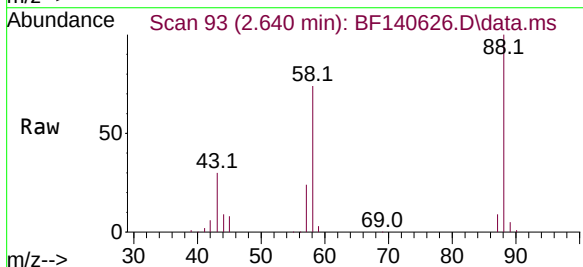
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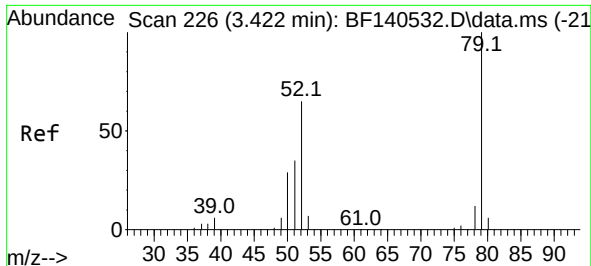
Tgt Ion:152 Resp: 61412
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.5 192.7
 115 58.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 47.148 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

Tgt Ion: 88 Resp: 71350
 Ion Ratio Lower Upper
 88 100
 58 73.2 57.4 86.2
 43 29.8 24.3 36.5





#3

Pyridine

Concen: 55.284 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

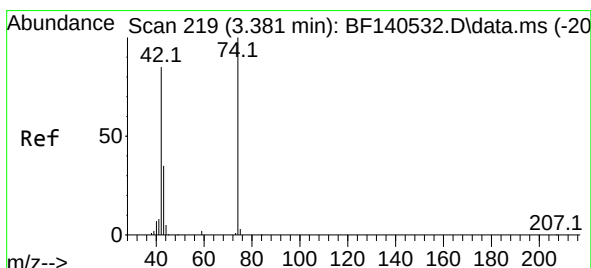
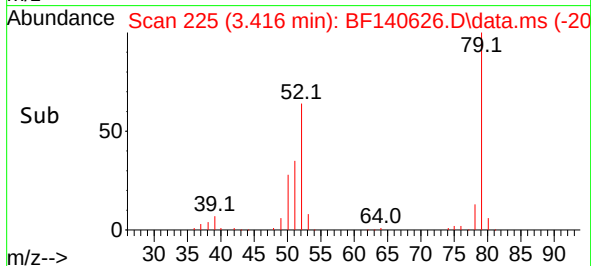
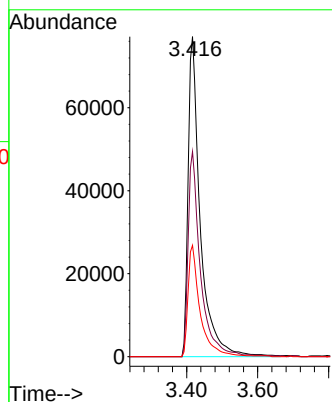
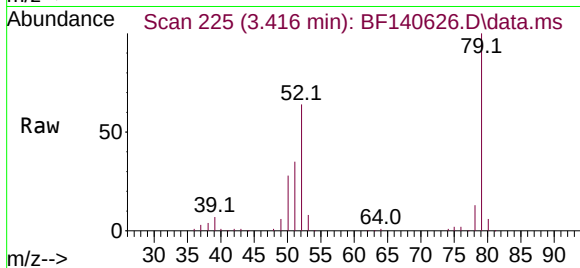
Tgt Ion: 79 Resp: 184076

Ion Ratio Lower Upper

79 100

52 64.1 52.1 78.1

51 34.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 51.687 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.018 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

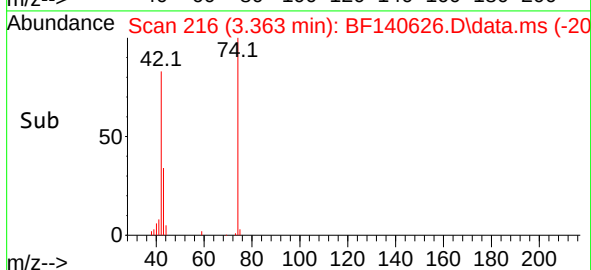
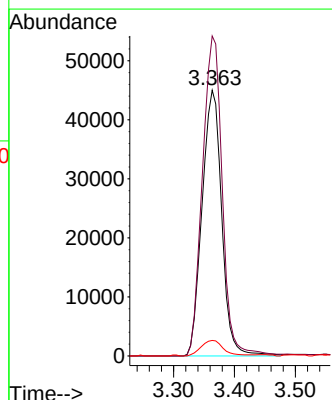
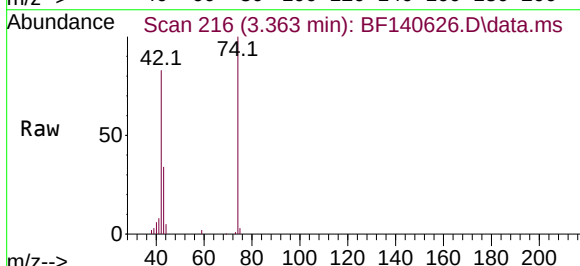
Tgt Ion: 42 Resp: 101149

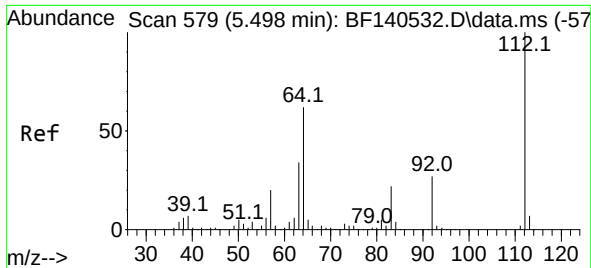
Ion Ratio Lower Upper

42 100

74 120.4 93.8 140.6

44 5.9 4.6 6.8

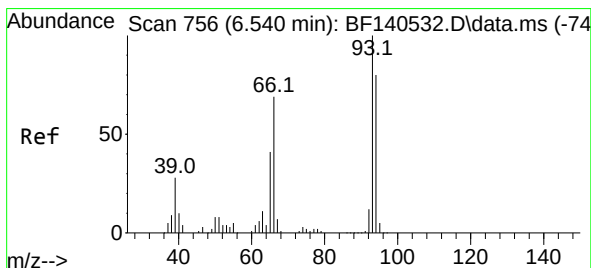
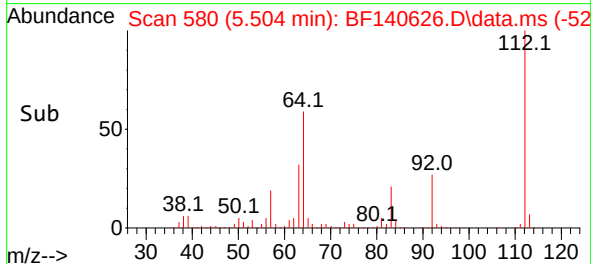
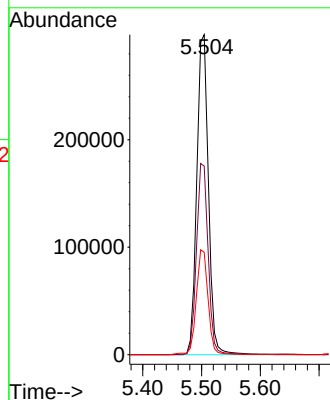
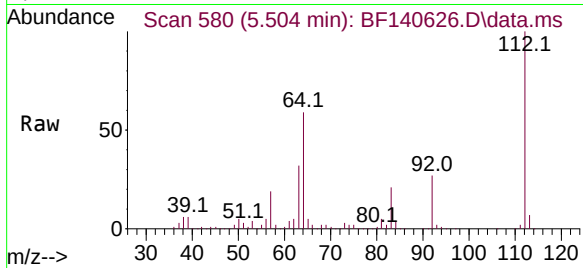




#5
2-Fluorophenol
Concen: 113.614 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

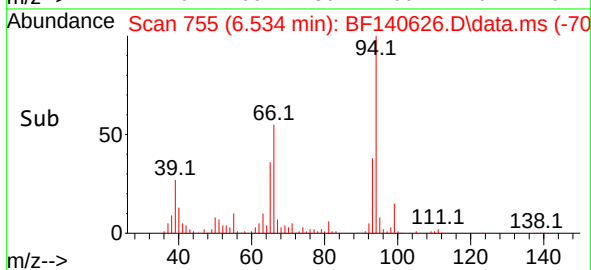
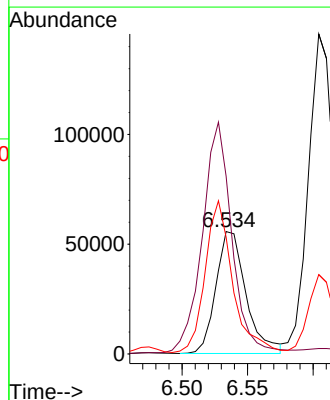
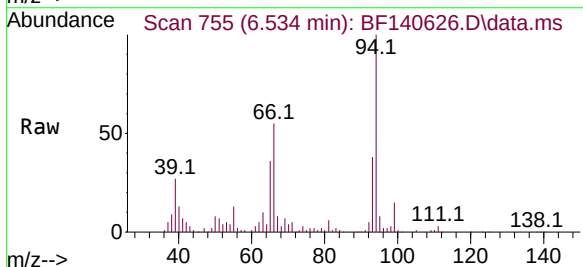
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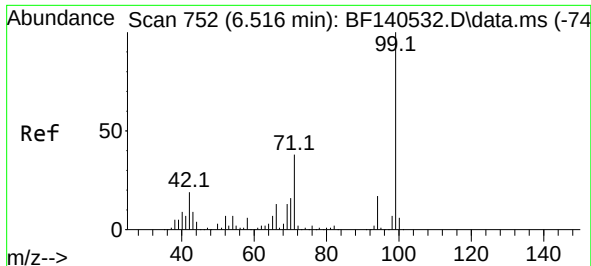
Tgt Ion:112 Resp: 408932
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 32.0 27.0 40.4



#6
Aniline
Concen: 26.490 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 93 Resp: 88722
Ion Ratio Lower Upper
93 100
66 145.2 56.5 84.7#
65 95.4 32.9 49.3#

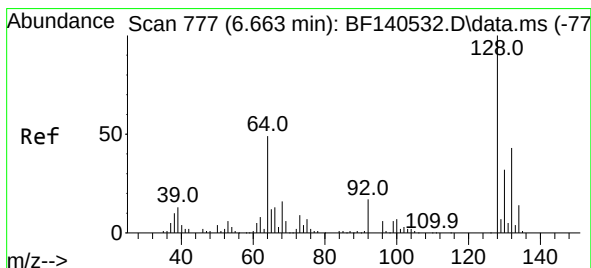
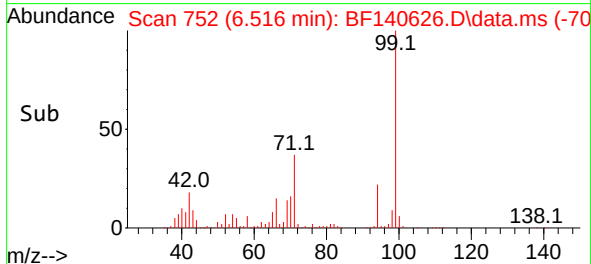
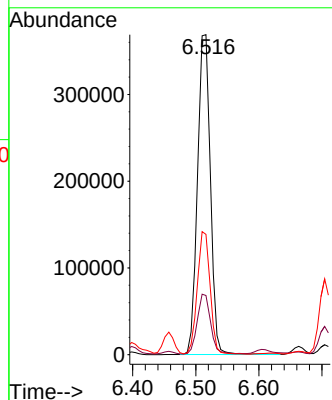
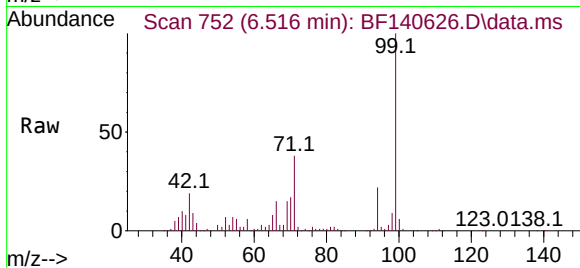




#7
Phenol-d6
Concen: 109.783 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

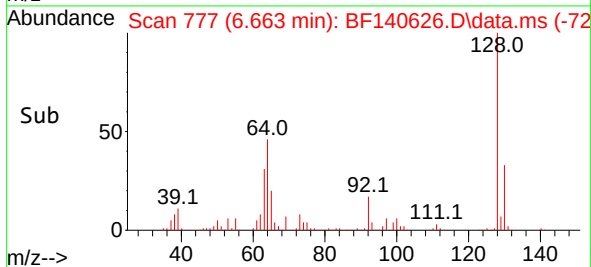
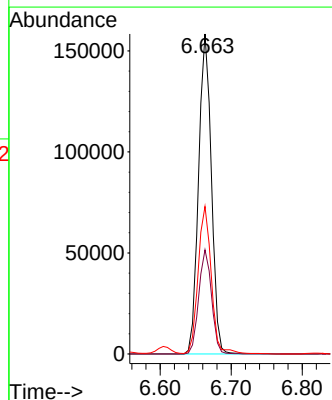
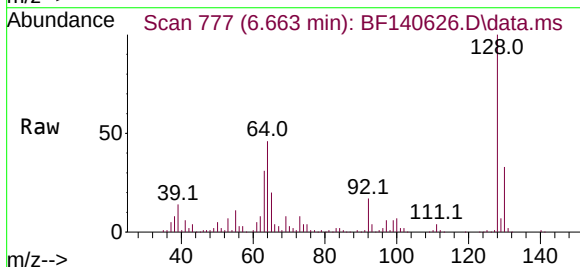
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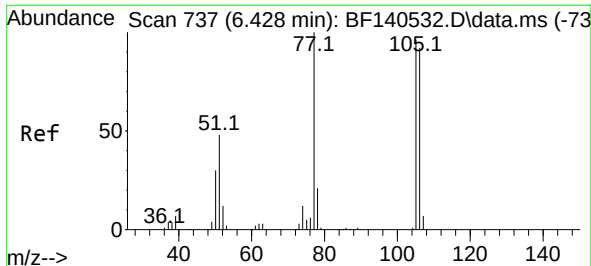
Tgt Ion: 99 Resp: 522391
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.6 30.6 46.0



#8
2-Chlorophenol
Concen: 51.373 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:128 Resp: 198934
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 46.1 30.2 70.2

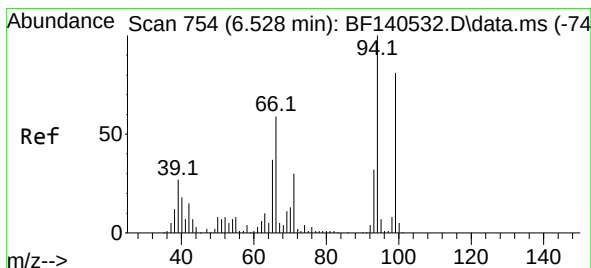
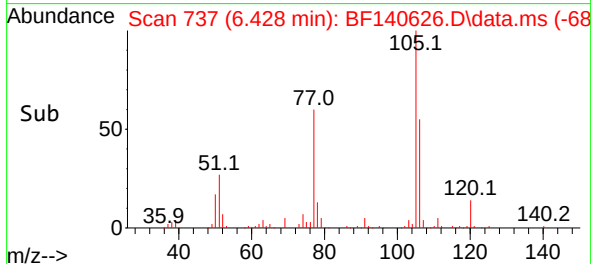
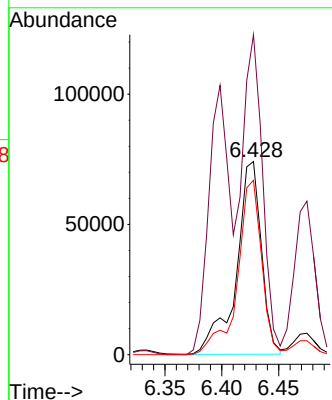
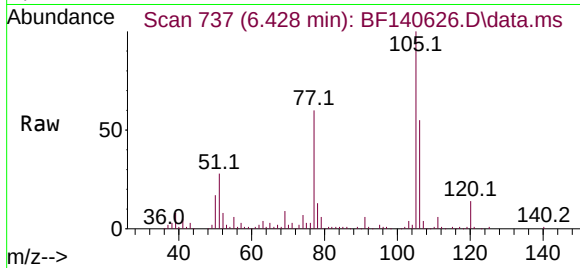




#9
Benzaldehyde
Concen: 45.422 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

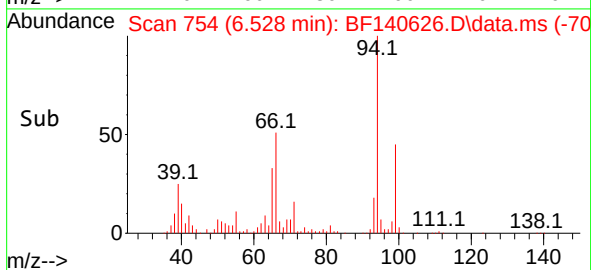
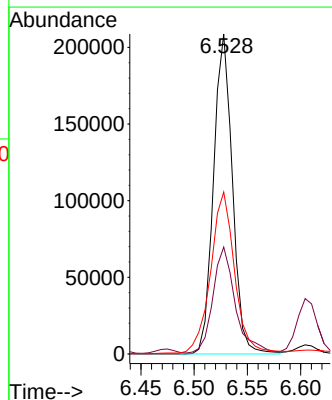
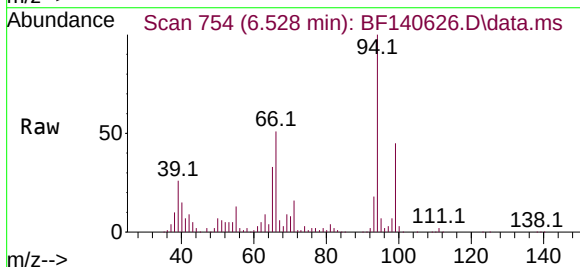
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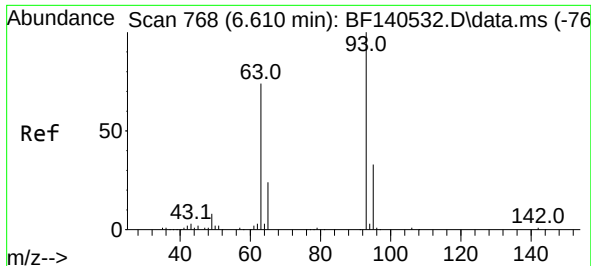
Tgt Ion: 77 Resp: 114418
Ion Ratio Lower Upper
77 100
105 165.7 75.6 115.6#
106 90.4 72.0 112.0



#10
Phenol
Concen: 52.950 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 94 Resp: 257312
Ion Ratio Lower Upper
94 100
65 33.4 17.2 57.2
66 50.6 39.2 79.2

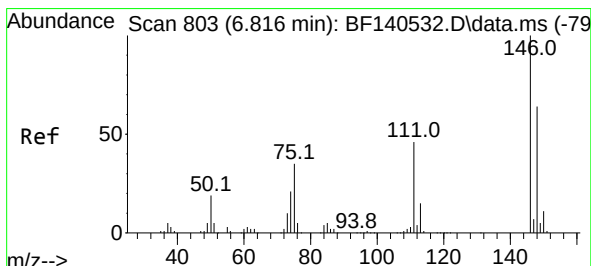
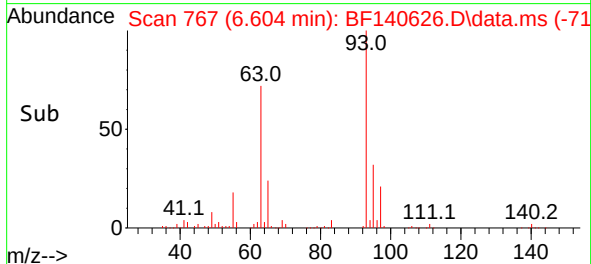
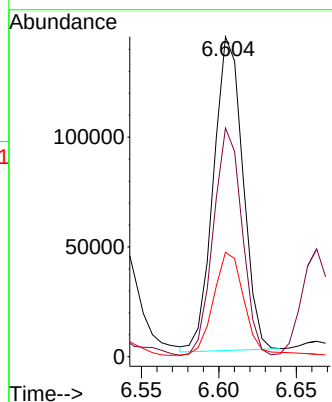
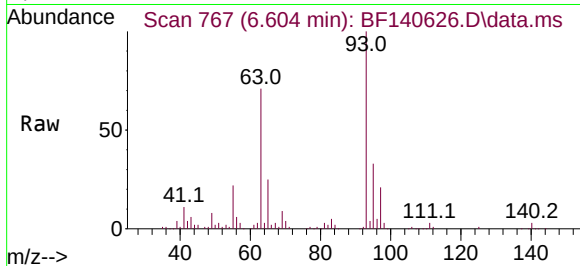




#11
bis(2-Chloroethyl)ether
Concen: 50.613 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

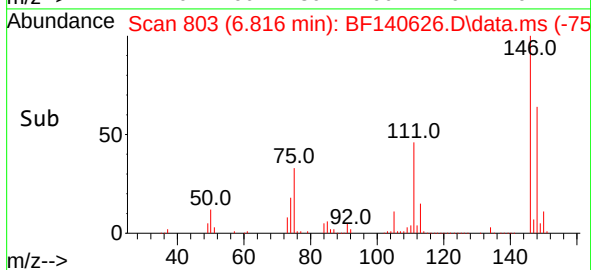
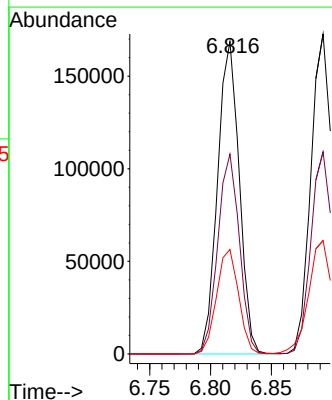
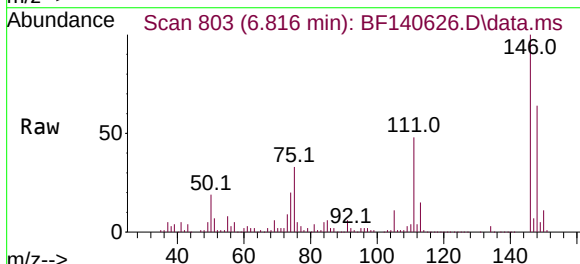
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

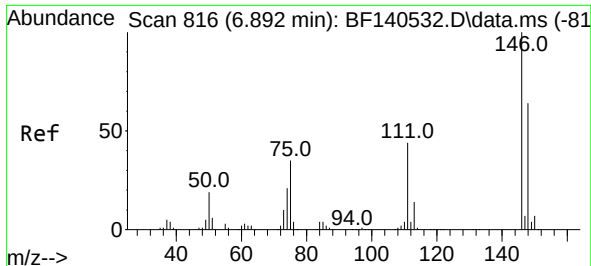
Tgt Ion: 93 Resp: 188212
Ion Ratio Lower Upper
93 100
63 71.5 52.8 92.8
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.107 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 146 Resp: 209321
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 33.4 28.2 42.2

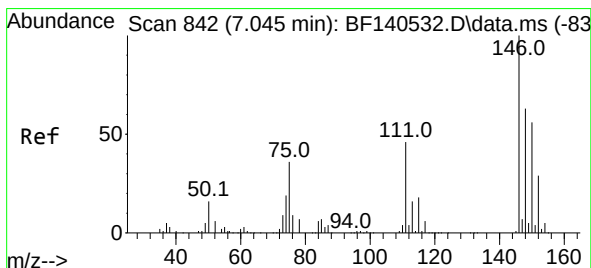
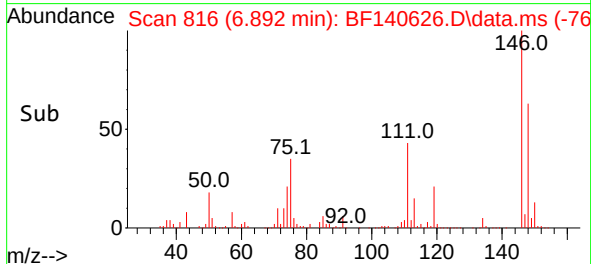
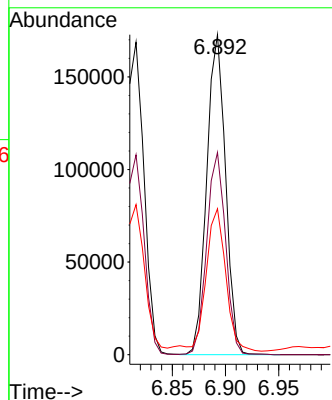
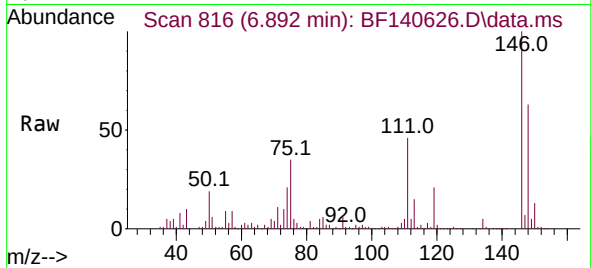




#13
1,4-Dichlorobenzene
Concen: 48.331 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

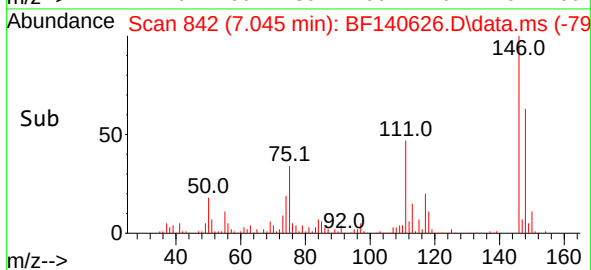
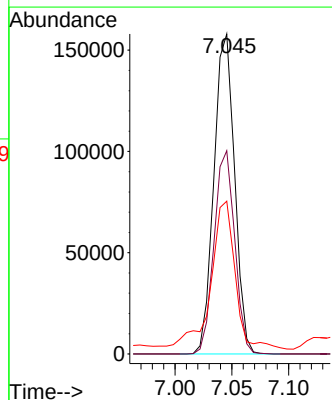
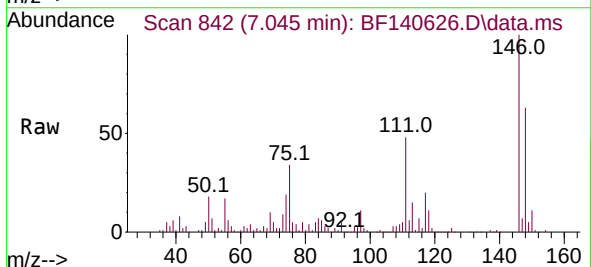
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

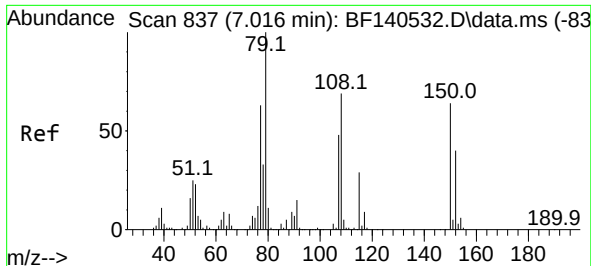
Tgt Ion:146 Resp: 212932
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 45.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.480 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:146 Resp: 200138
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 47.8 36.7 55.1

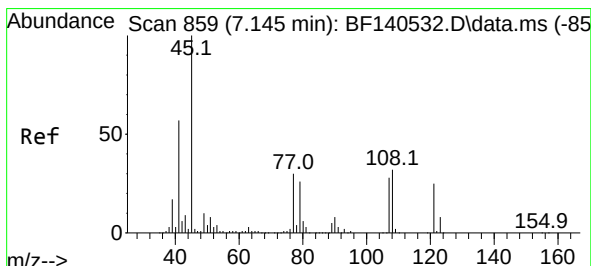
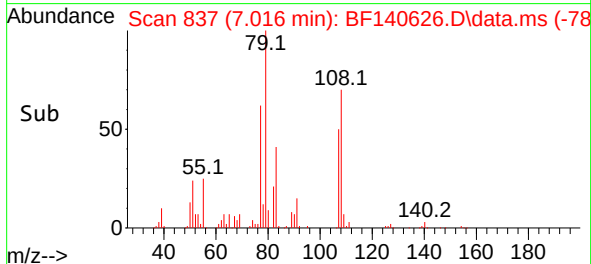
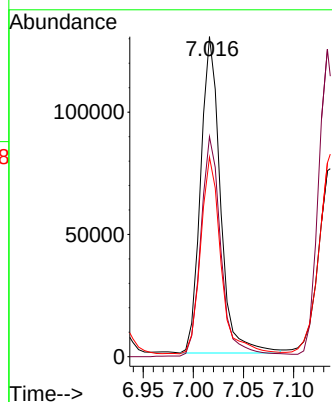
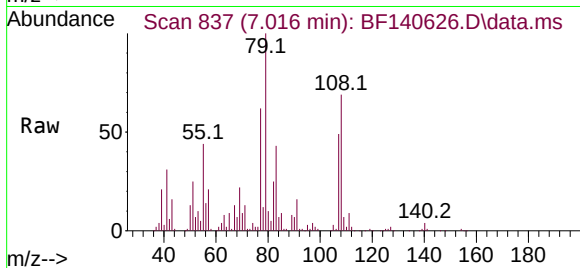




#15
Benzyl Alcohol
Concen: 50.447 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

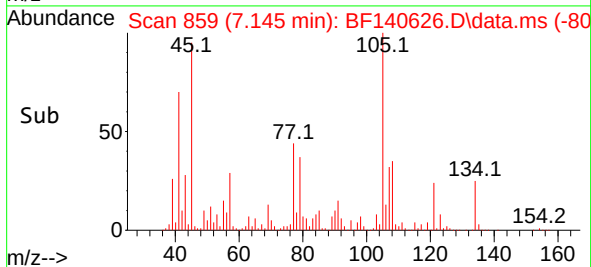
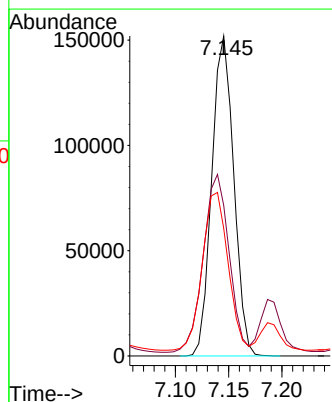
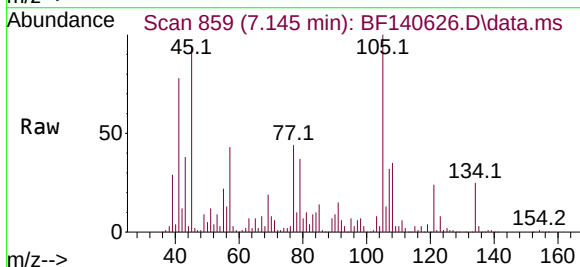
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

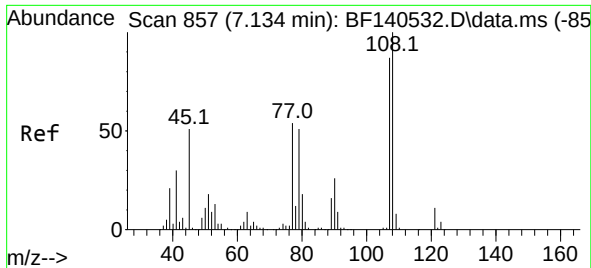
Tgt Ion: 79 Resp: 178018
Ion Ratio Lower Upper
79 100
108 68.7 55.0 82.6
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.507 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 45 Resp: 217490
Ion Ratio Lower Upper
45 100
77 47.0 10.7 50.7
79 39.9 7.0 47.0

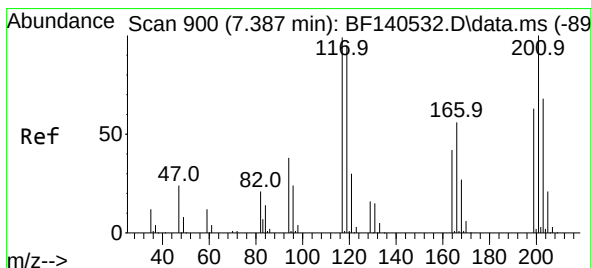
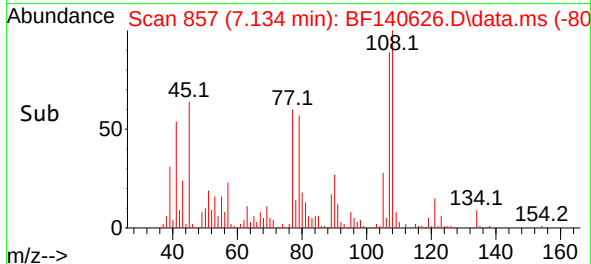
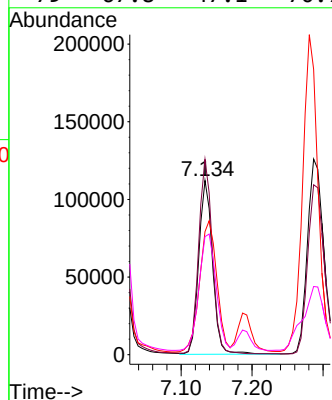
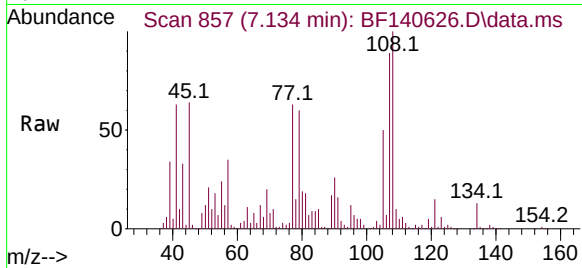




#17
2-Methylphenol
Concen: 48.912 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

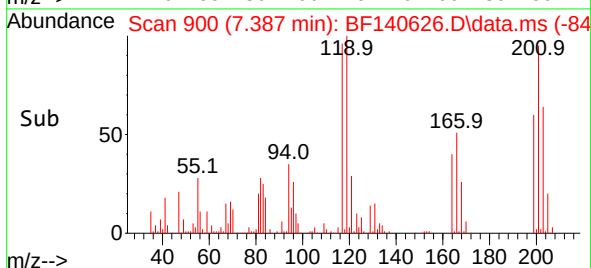
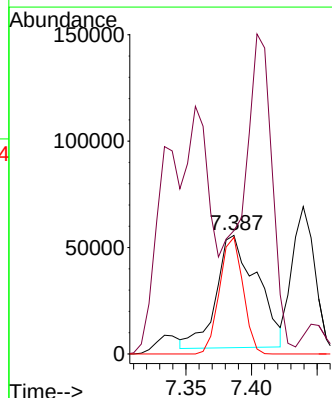
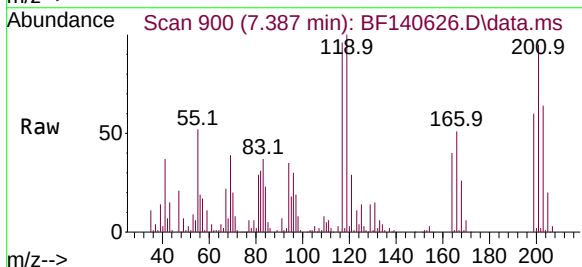
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

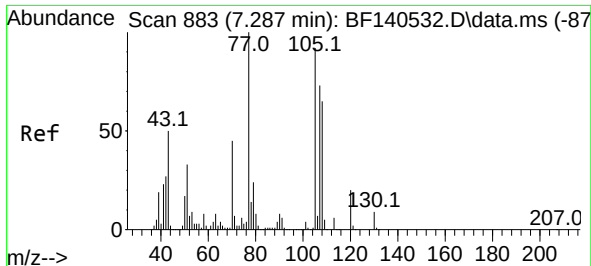
Tgt Ion:	107	Resp:	151615
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	70.7	49.3	73.9
79	67.8	47.1	70.7



#18
Hexachloroethane
Concen: 69.557 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:	117	Resp:	114453
Ion	Ratio	Lower	Upper
117	100		
119	103.9	77.1	115.7
201	98.3	81.1	121.7



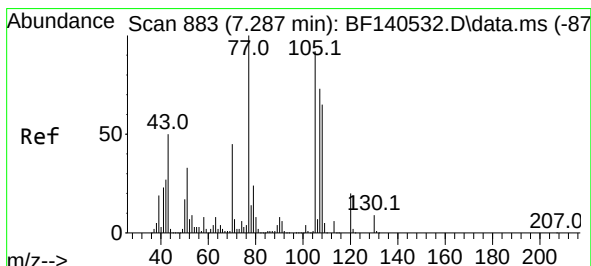
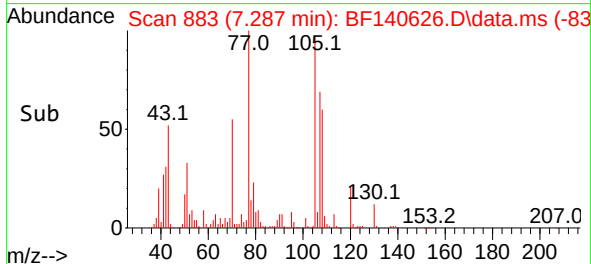
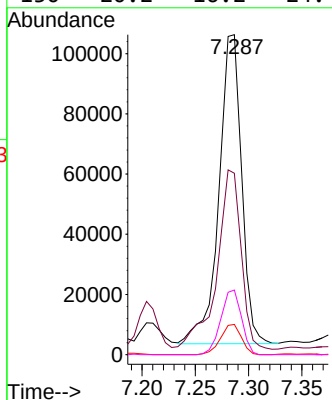
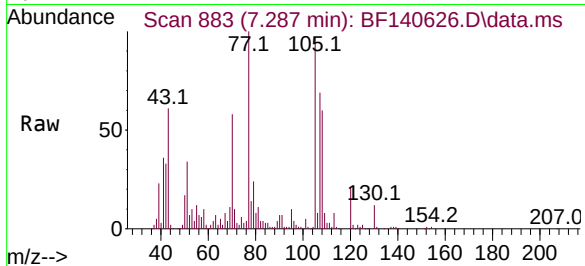


#19
n-Nitroso-di-n-propylamine
Concen: 54.272 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

Tgt Ion: 70 Resp: 152625

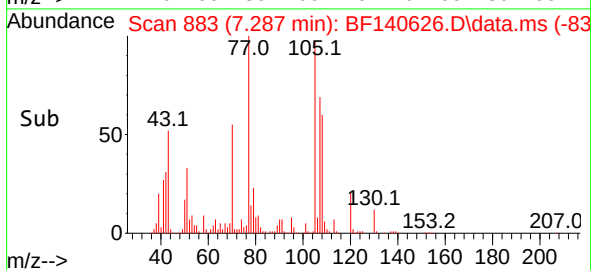
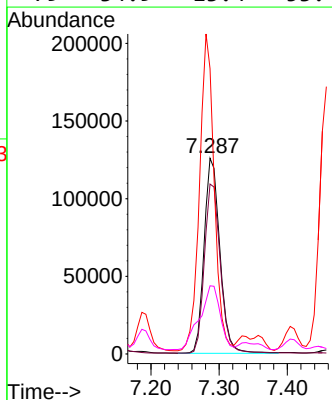
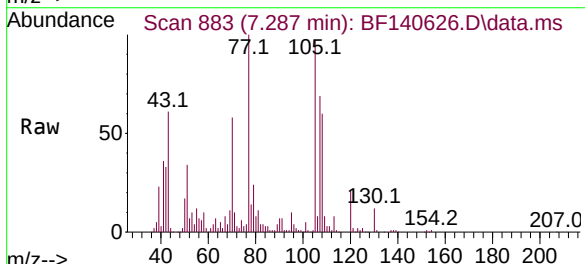
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.6	71.4
101	9.4	7.6	11.4
130	20.2	16.2	24.4

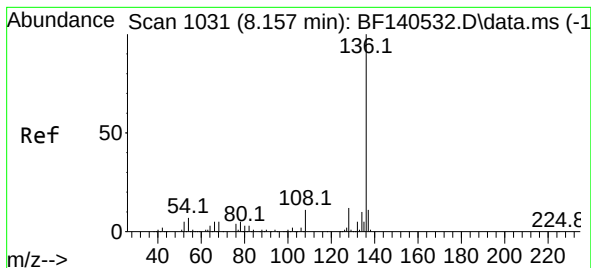


#20
3+4-Methylphenols
Concen: 50.855 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 107 Resp: 202618

Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.9	109.9
77	145.8	117.7	157.7
79	34.9	13.4	53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:136 Resp: 198746

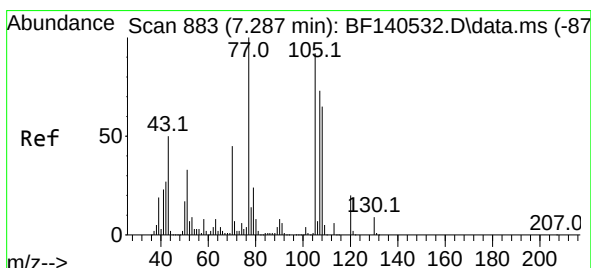
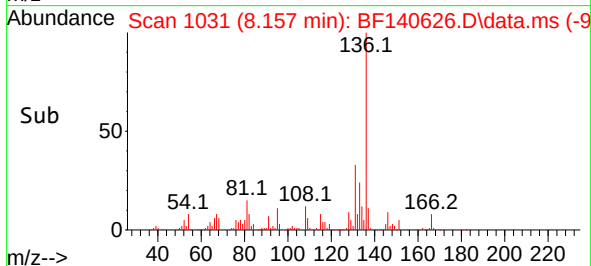
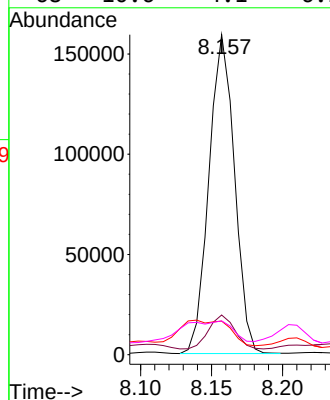
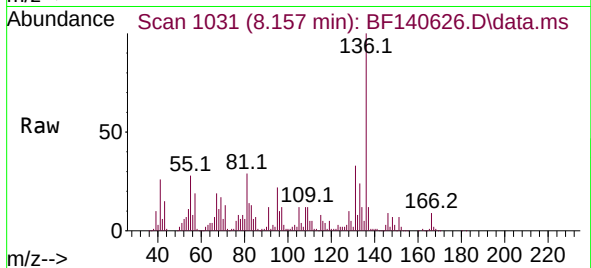
Ion Ratio Lower Upper

136 100

137 12.4 8.6 13.0

54 10.5 5.8 8.8#

68 10.6 4.1 6.1#



#22

Acetophenone

Concen: 81.749 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:105 Resp: 396102

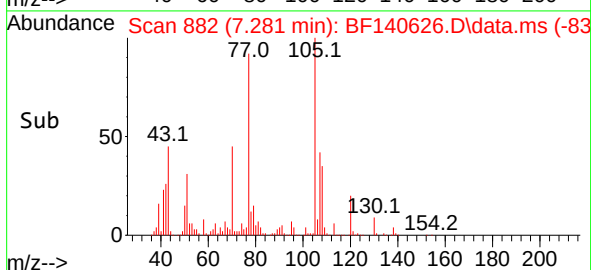
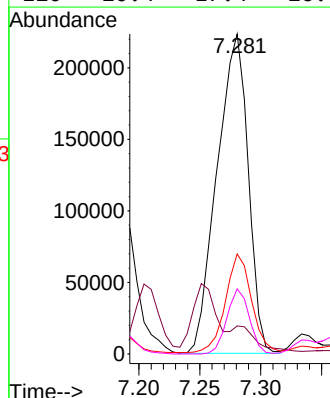
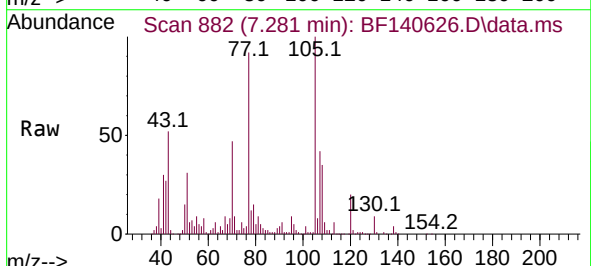
Ion Ratio Lower Upper

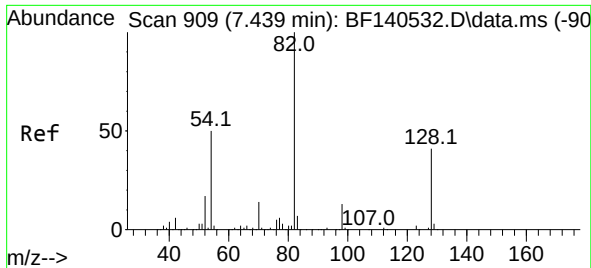
105 100

71 8.8 6.2 9.2

51 31.3 29.0 43.6

120 20.4 17.4 26.0

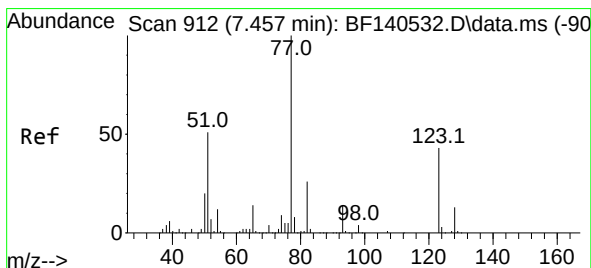
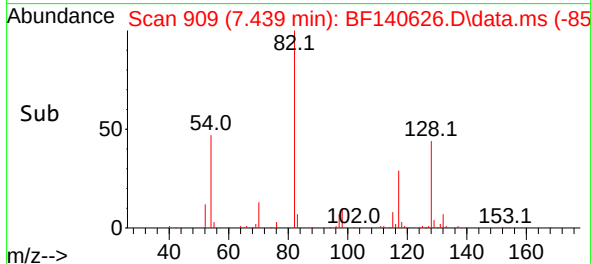
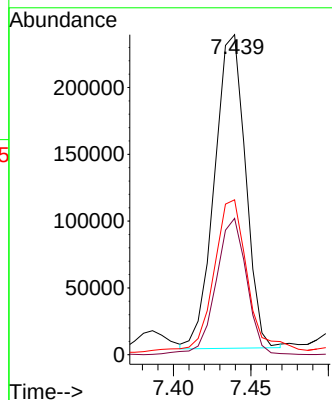
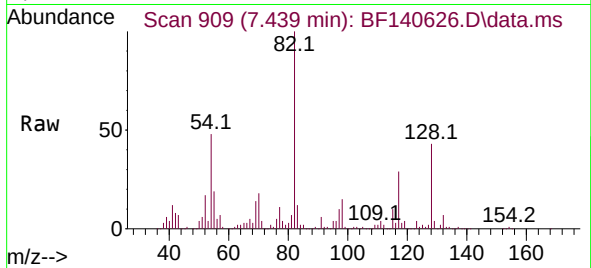




#23
Nitrobenzene-d5
Concen: 84.150 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

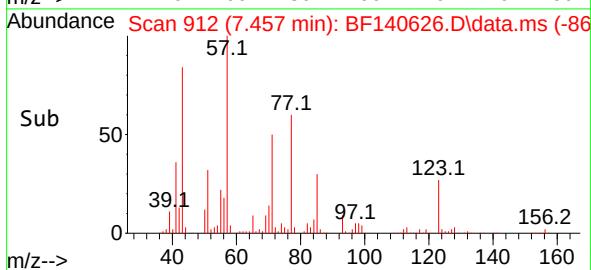
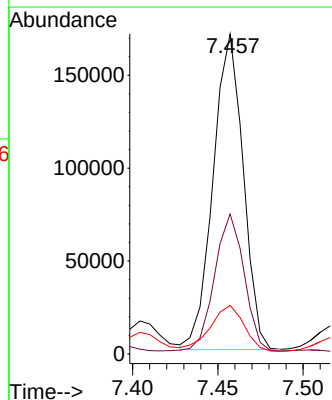
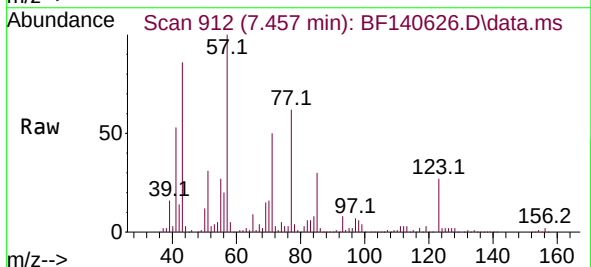
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

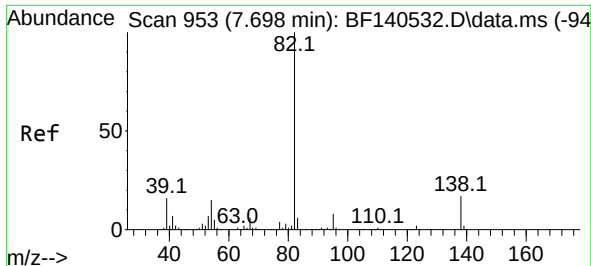
Tgt Ion: 82 Resp: 326968
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.4
54 48.4 39.5 59.3



#24
Nitrobenzene
Concen: 51.963 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 77 Resp: 208674
Ion Ratio Lower Upper
77 100
123 43.8 34.3 51.5
65 15.1 11.2 16.8





#25

Isophorone

Concen: 61.055 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

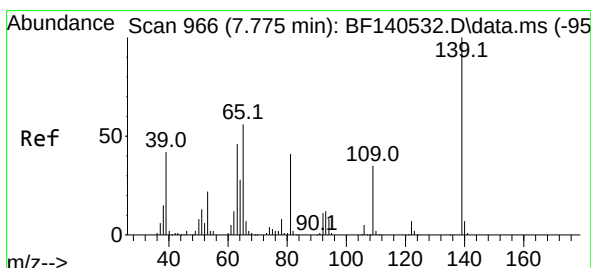
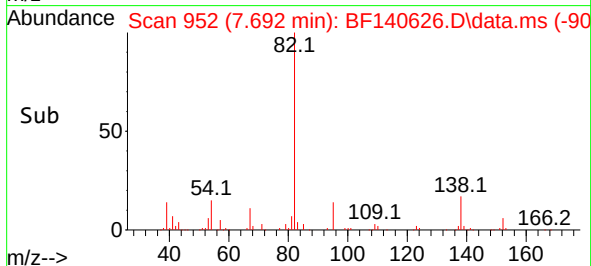
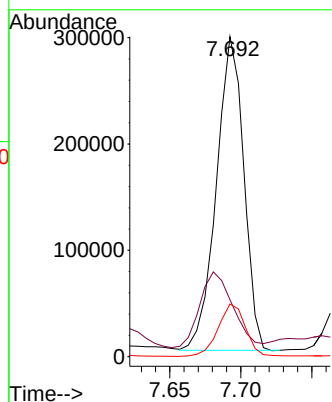
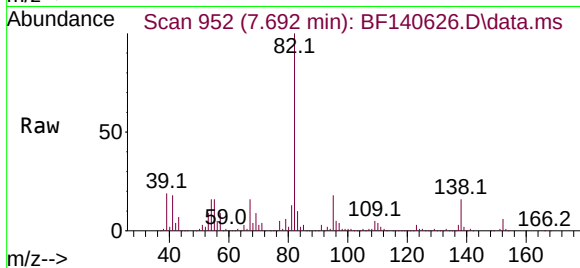
Tgt Ion: 82 Resp: 395682

Ion Ratio Lower Upper

82 100

95 17.8 6.4 9.6#

138 16.5 13.8 20.6



#26

2-Nitrophenol

Concen: 51.336 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

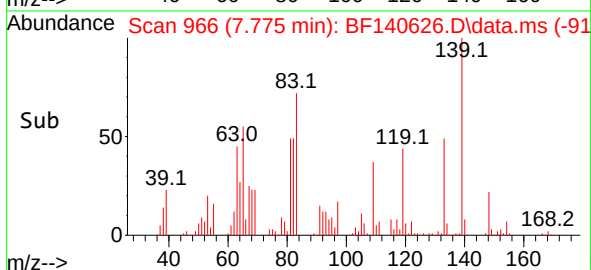
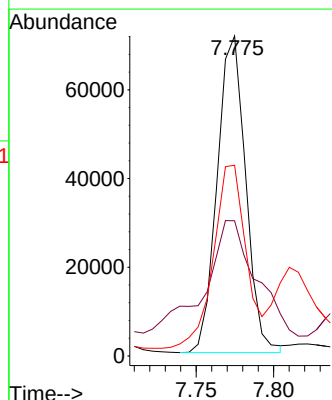
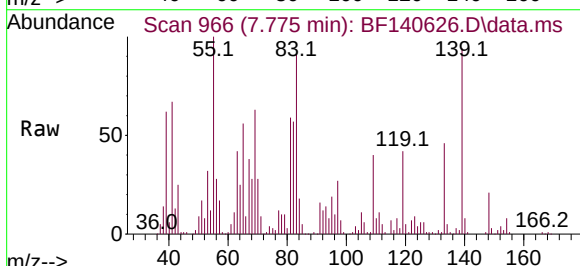
Tgt Ion:139 Resp: 91359

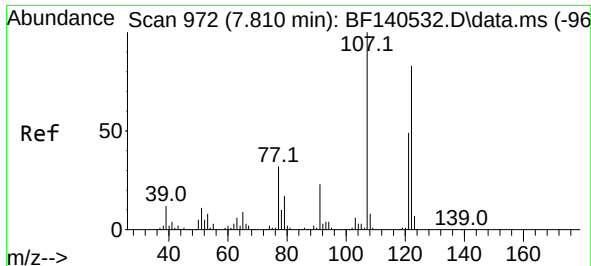
Ion Ratio Lower Upper

139 100

109 42.2 28.0 42.0#

65 59.6 44.6 67.0

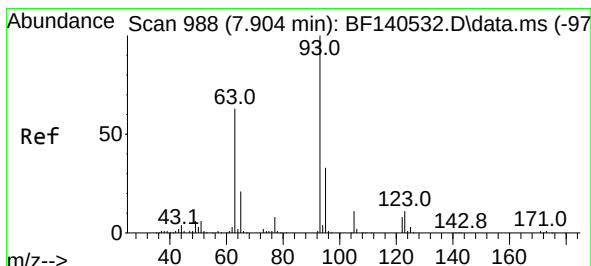
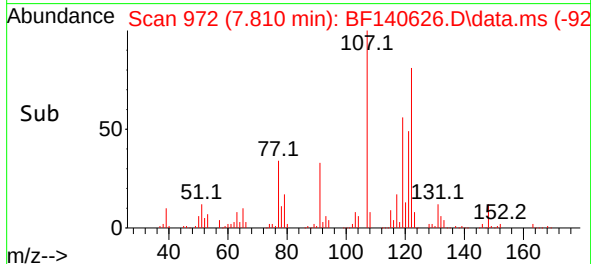
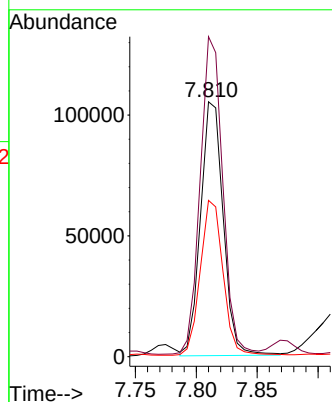
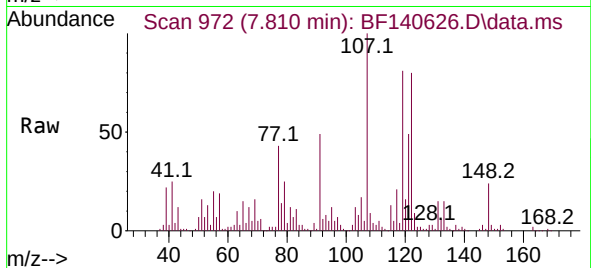




#27
2,4-Dimethylphenol
Concen: 64.241 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

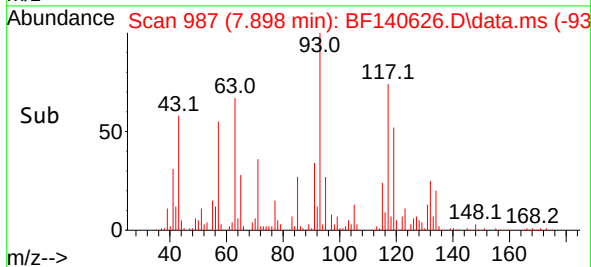
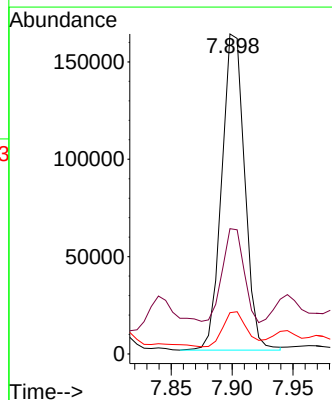
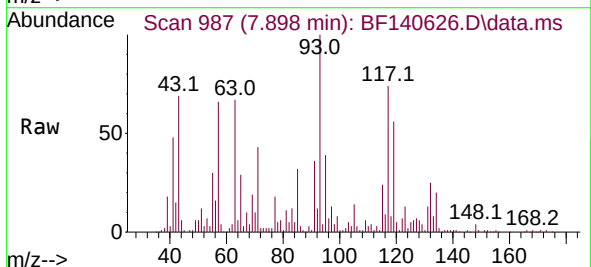
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

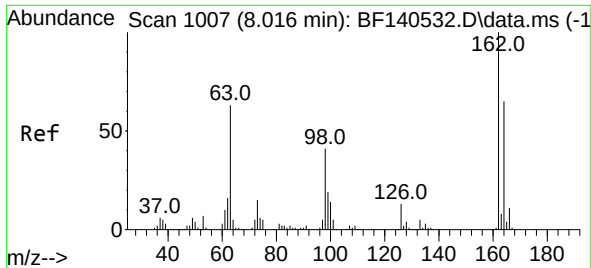
Tgt Ion:122 Resp: 136787
Ion Ratio Lower Upper
122 100
107 125.5 96.8 145.2
121 61.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.916 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 93 Resp: 212865
Ion Ratio Lower Upper
93 100
95 39.2 26.1 39.1#
123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.202 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

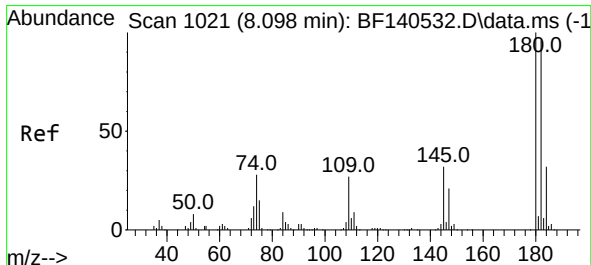
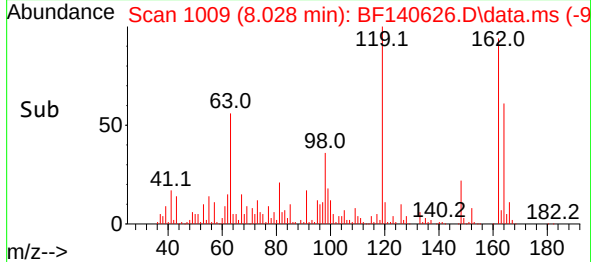
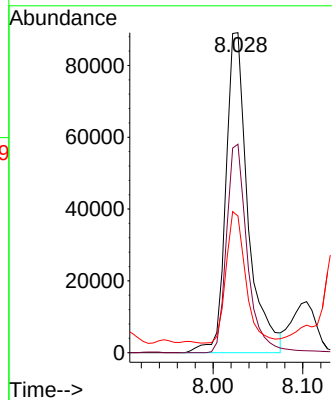
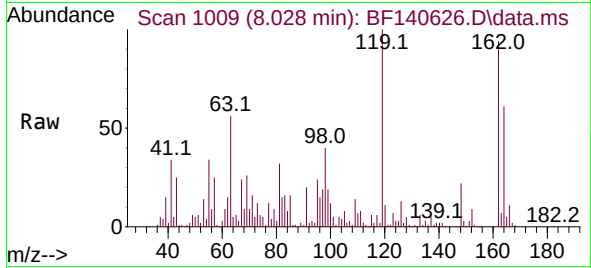
Tgt Ion:162 Resp: 152929

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

98 42.7 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.332 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

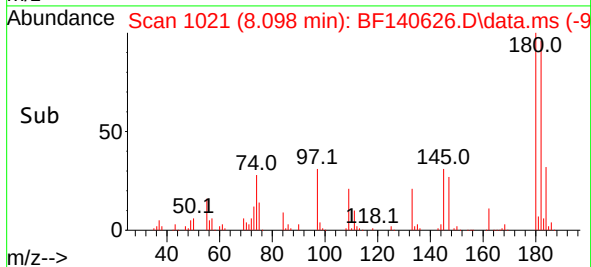
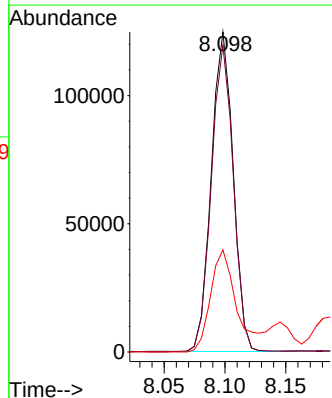
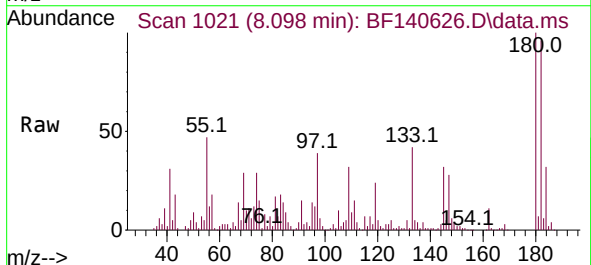
Tgt Ion:180 Resp: 155699

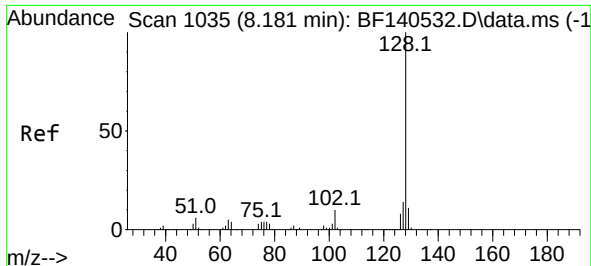
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.9 25.9 38.9

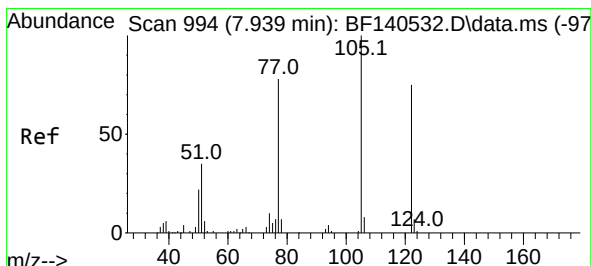
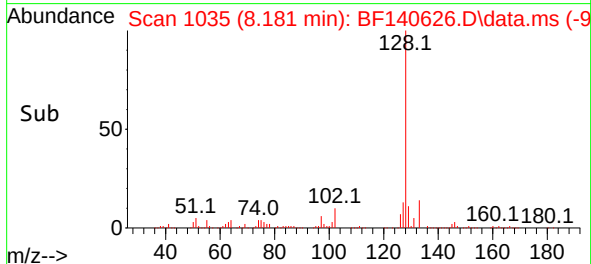
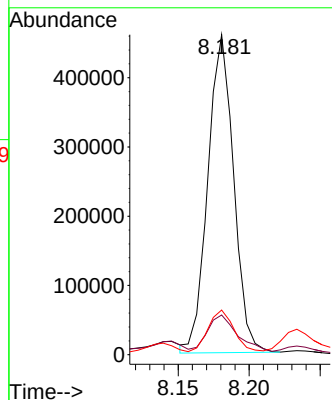
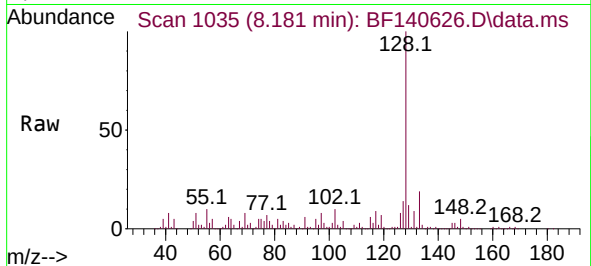




#31
Naphthalene
Concen: 56.767 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

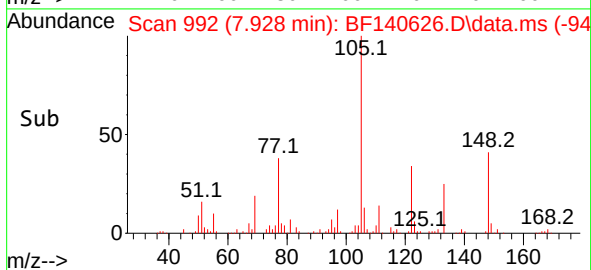
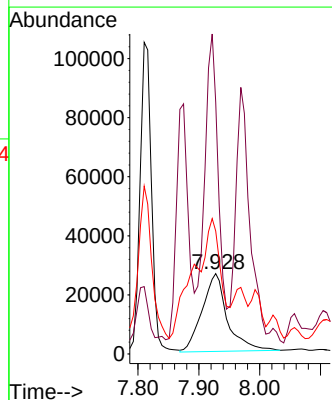
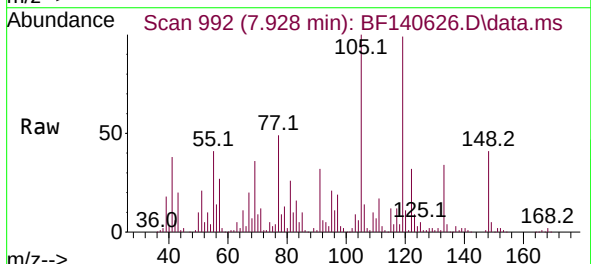
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

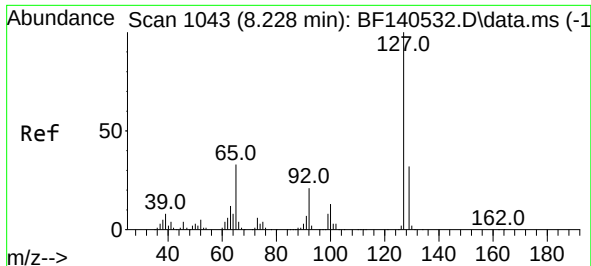
Tgt Ion:128 Resp: 581131
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 41.961 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:122 Resp: 75779
Ion Ratio Lower Upper
122 100
105 313.2 109.3 149.3#
77 152.9 82.3 122.3#

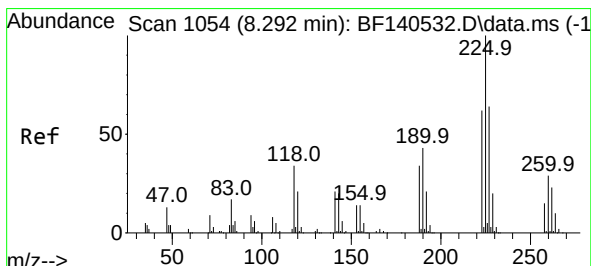
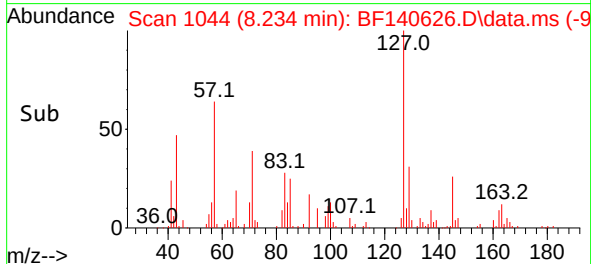
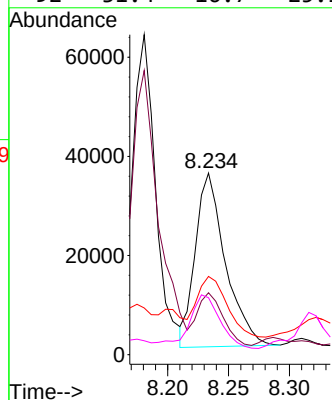
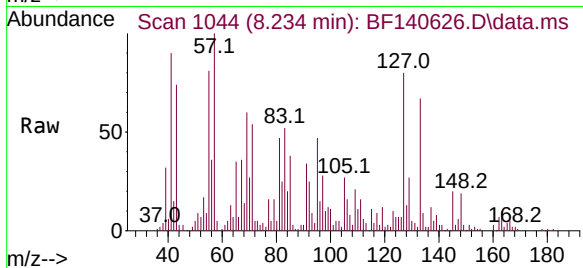




#33
4-Chloroaniline
Concen: 19.643 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

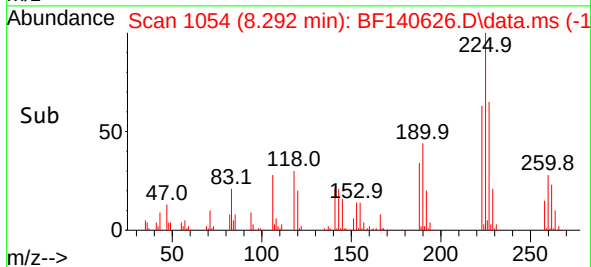
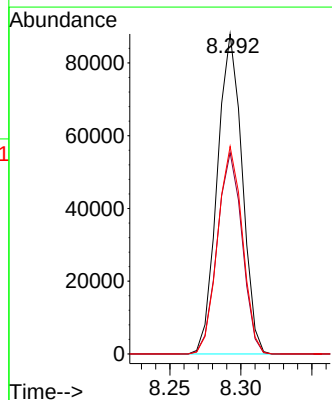
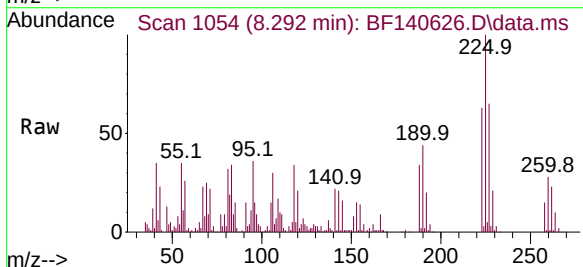
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

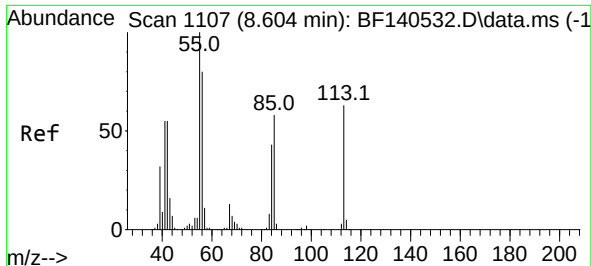
Tgt Ion:	127	Resp:	60206
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.0	39.0
65	43.1	26.0	39.0#
92	31.4	16.7	25.1#



#34
Hexachlorobutadiene
Concen: 50.088 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:	225	Resp:	106876
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.8
227	64.8	51.3	76.9

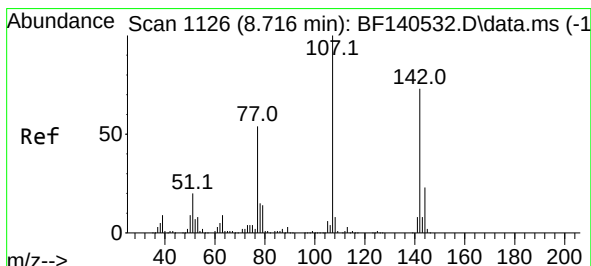
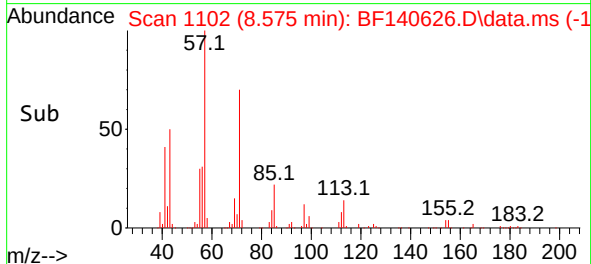
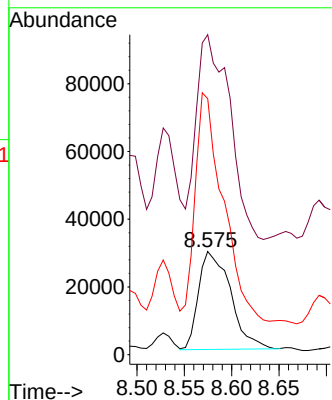
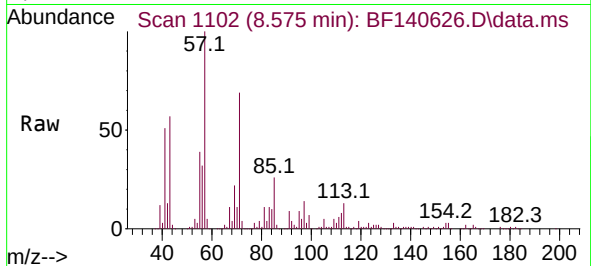




#35
Caprolactam
Concen: 77.860 ng
RT: 8.575 min Scan# 1107
Delta R.T. -0.029 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

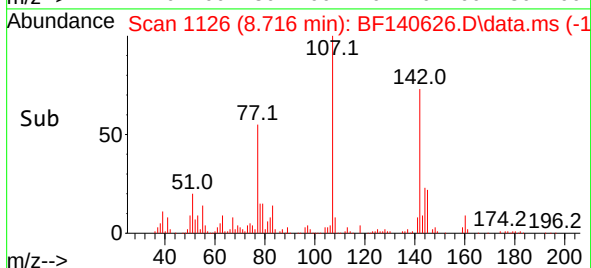
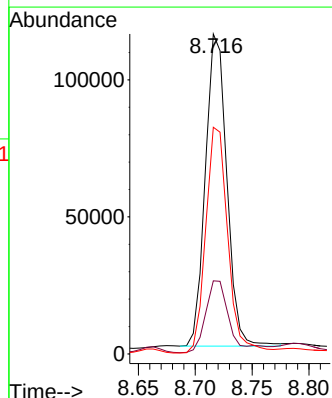
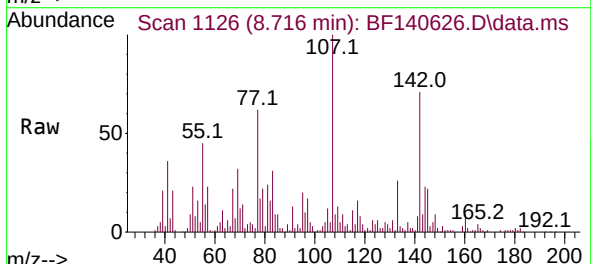
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

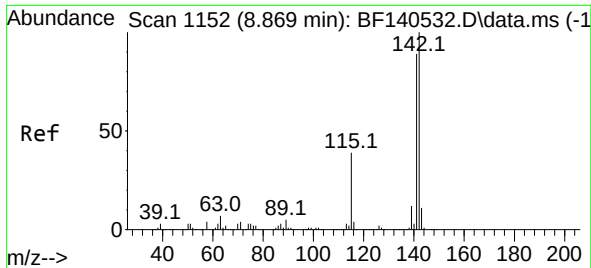
Tgt Ion:113 Resp: 67984
Ion Ratio Lower Upper
113 100
55 309.8 137.7 177.7#
56 247.8 106.4 146.4#



#36
4-Chloro-3-methylphenol
Concen: 47.387 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:107 Resp: 149695
Ion Ratio Lower Upper
107 100
144 22.8 18.7 28.1
142 70.8 58.3 87.5

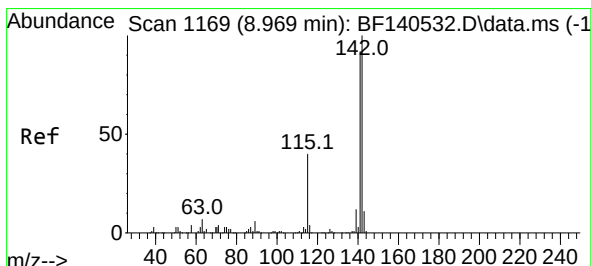
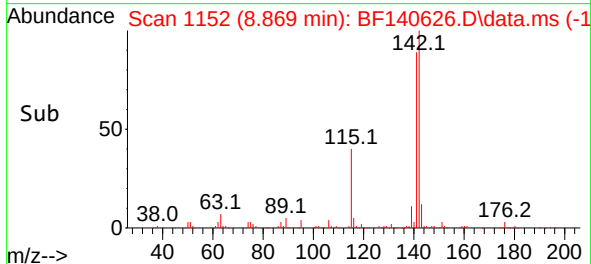
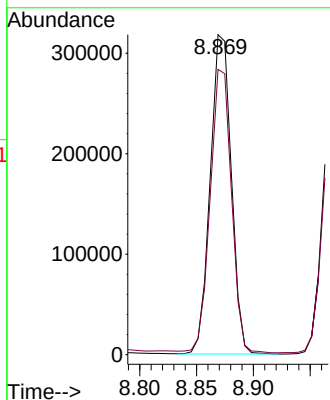
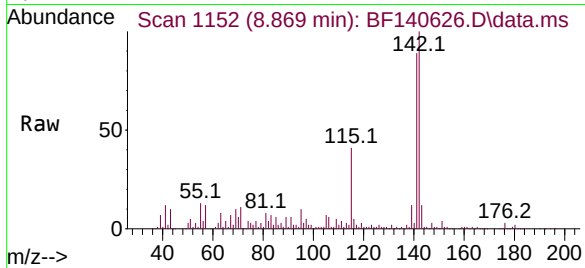




#37
2-Methylnaphthalene
Concen: 63.272 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

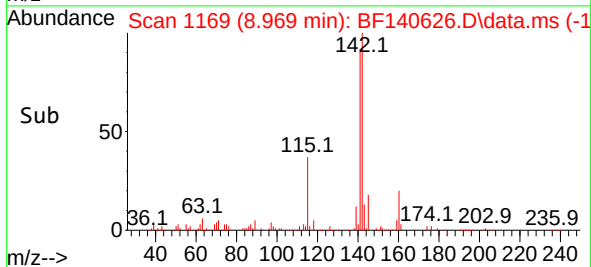
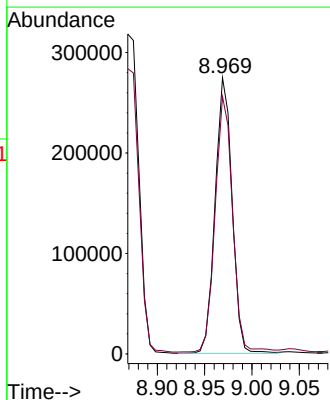
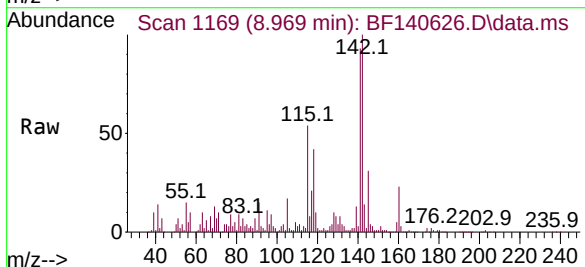
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

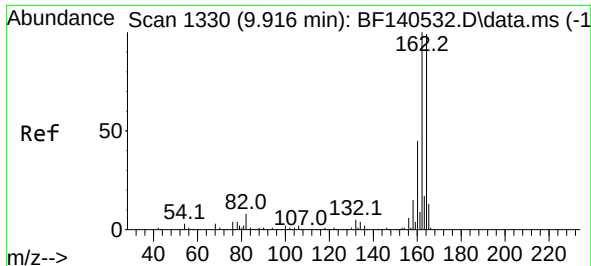
Tgt Ion:142 Resp: 411408
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 53.852 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:142 Resp: 343224
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9

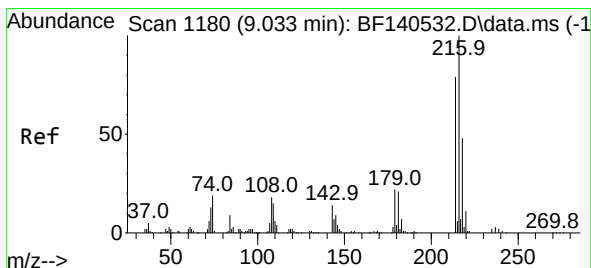
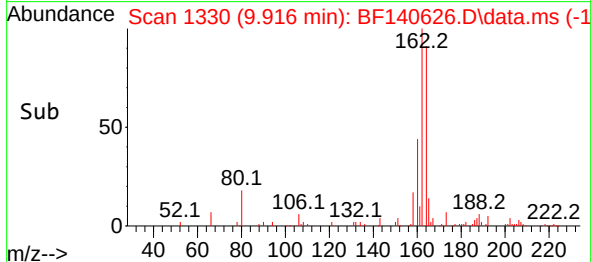
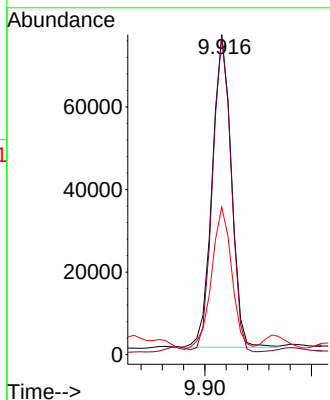
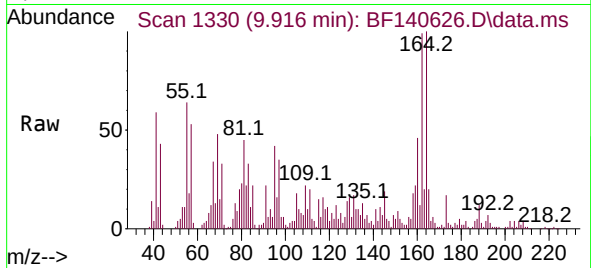




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

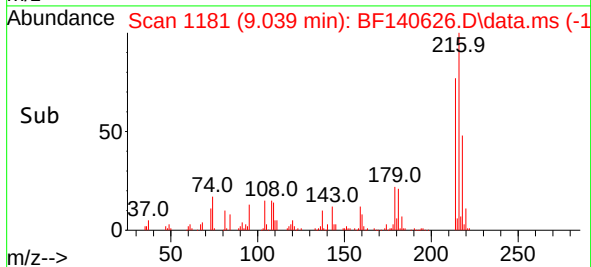
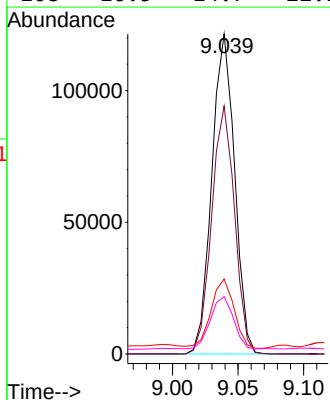
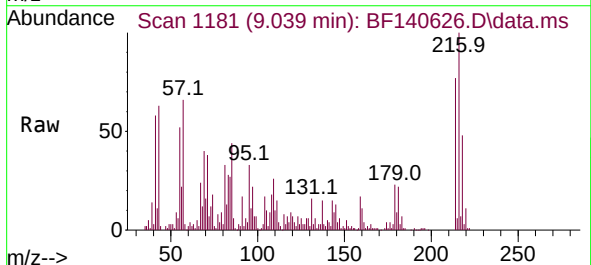
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

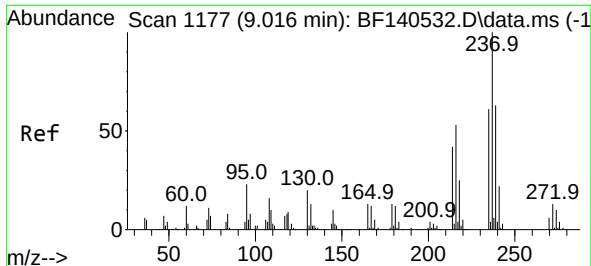
Tgt Ion:164 Resp: 94548
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 46.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.027 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

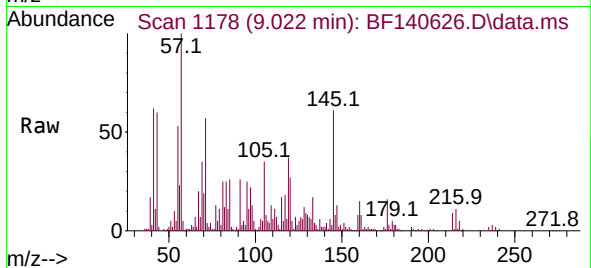
Tgt Ion:216 Resp: 146772
Ion Ratio Lower Upper
216 100
214 77.5 63.0 94.4
179 22.9 17.5 26.3
108 16.5 14.7 22.1



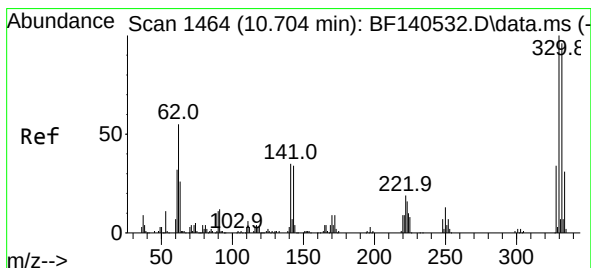
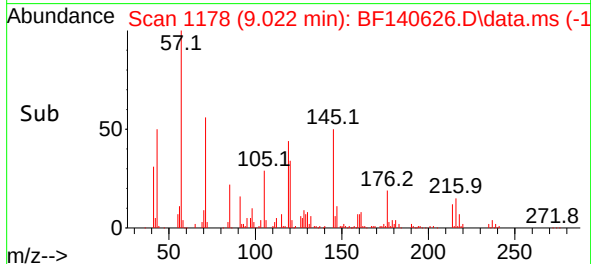
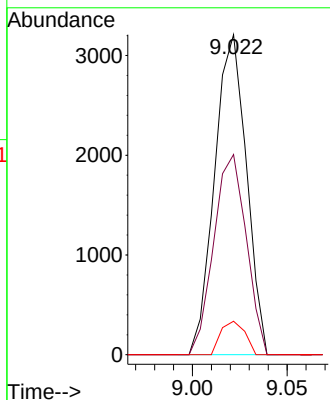


#41
Hexachlorocyclopentadiene
Concen: 12.770 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

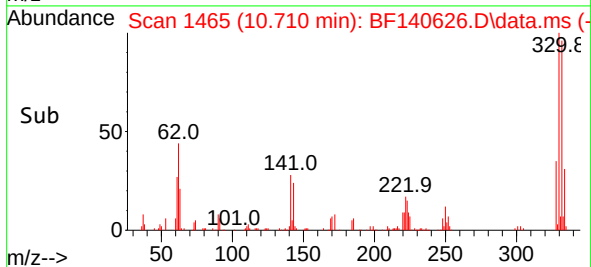
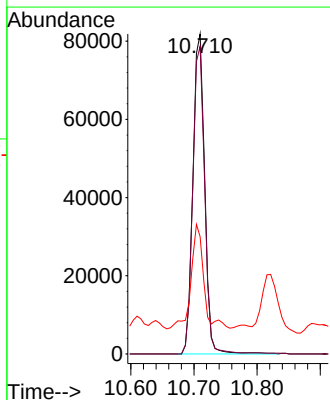
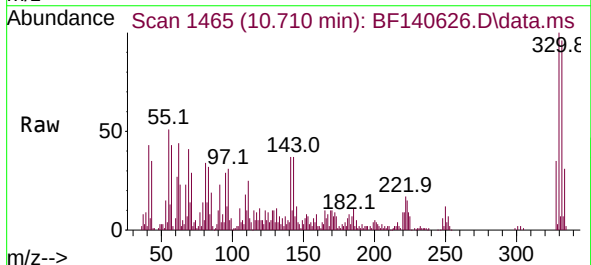


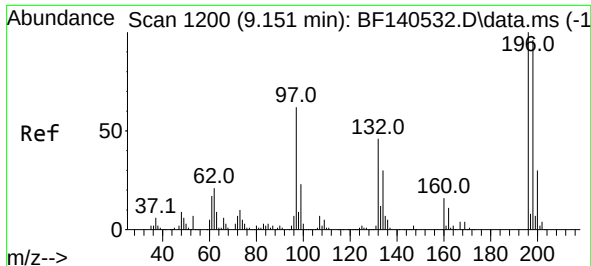
Tgt Ion:237 Resp: 3750
Ion Ratio Lower Upper
237 100
235 62.6 41.1 81.1
272 10.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 104.735 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:330 Resp: 105908
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 35.0 26.7 40.1

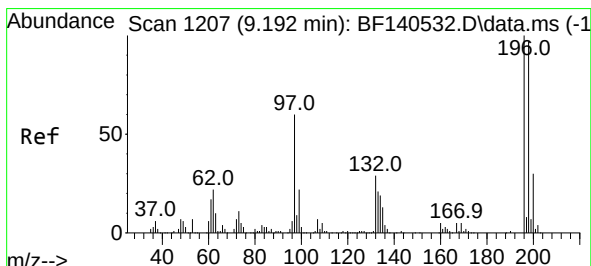
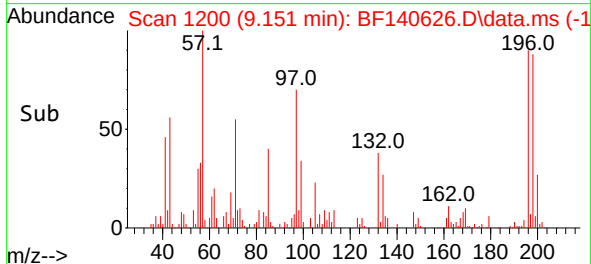
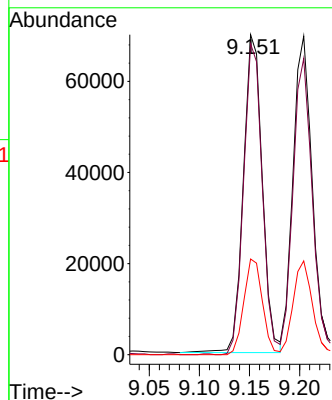
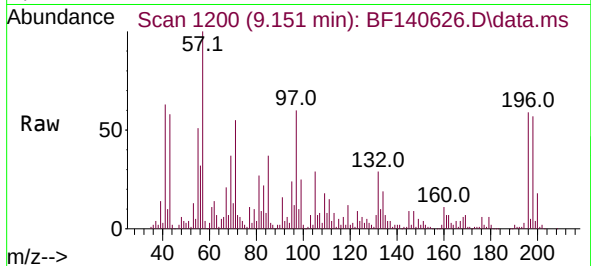




#43
2,4,6-Trichlorophenol
Concen: 52.684 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

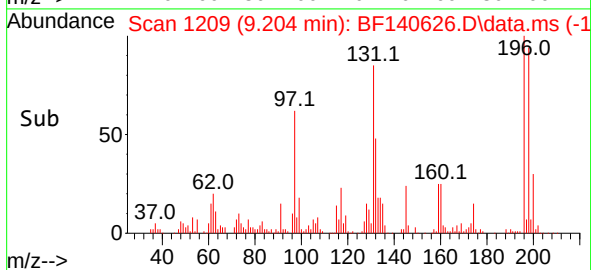
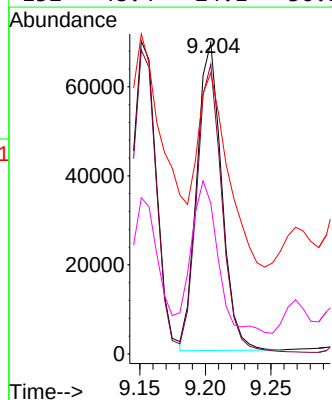
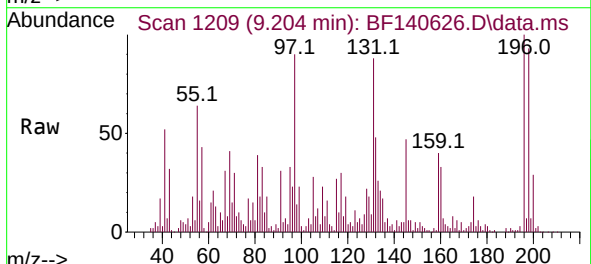
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

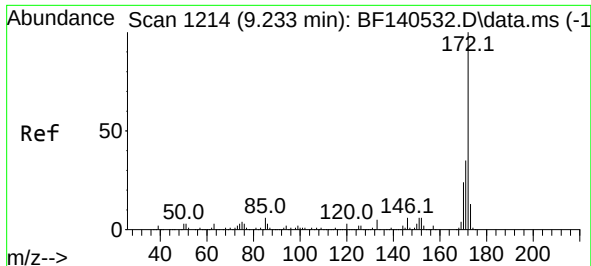
Tgt Ion:196 Resp: 91503
Ion Ratio Lower Upper
196 100
198 97.2 76.8 115.2
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.444 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:196 Resp: 91314
Ion Ratio Lower Upper
196 100
198 93.0 77.2 115.8
97 90.2 47.1 70.7#
132 48.4 24.1 36.1#





#45

2-Fluorobiphenyl

Concen: 81.256 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

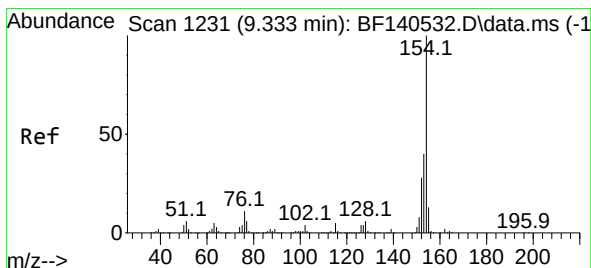
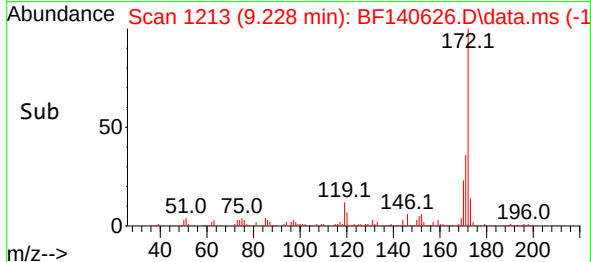
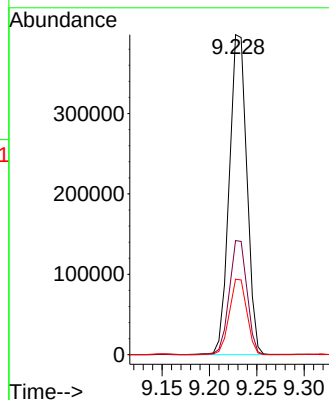
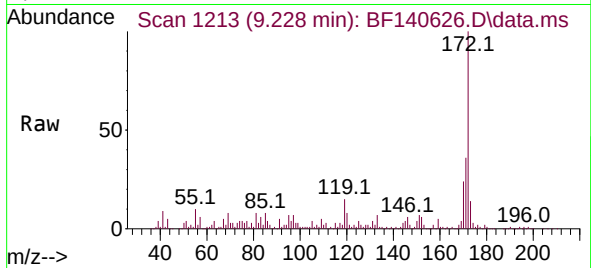
Tgt Ion:172 Resp: 515632

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 58.226 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

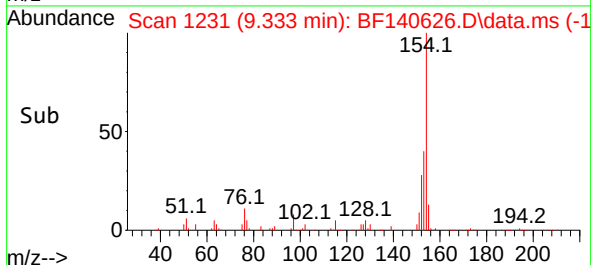
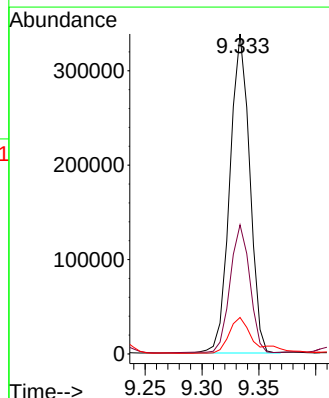
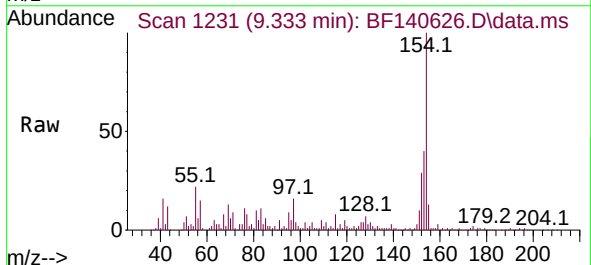
Tgt Ion:154 Resp: 411022

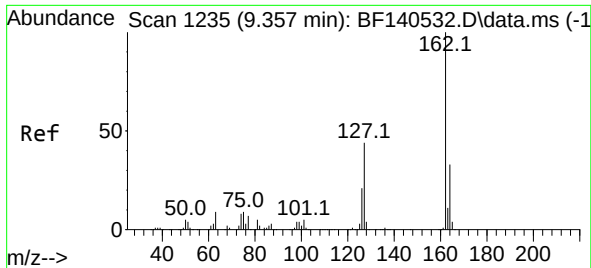
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.4 0.0 31.2

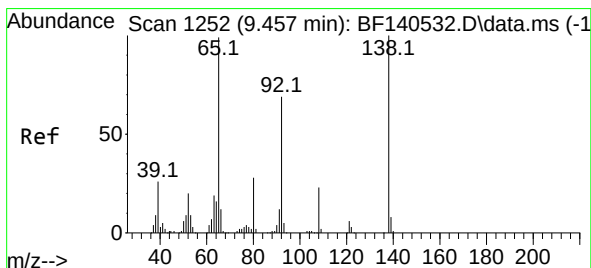
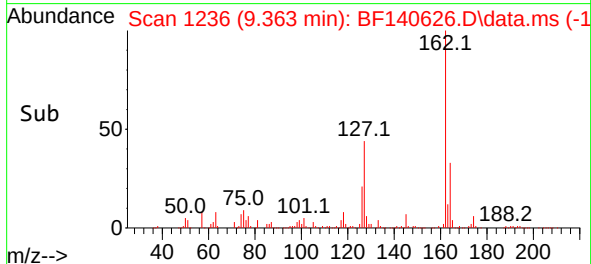
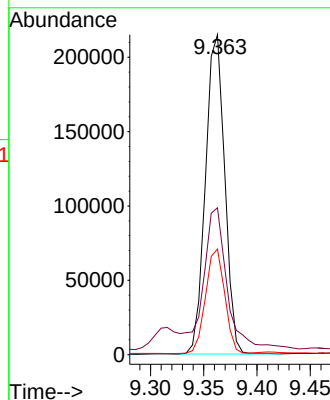
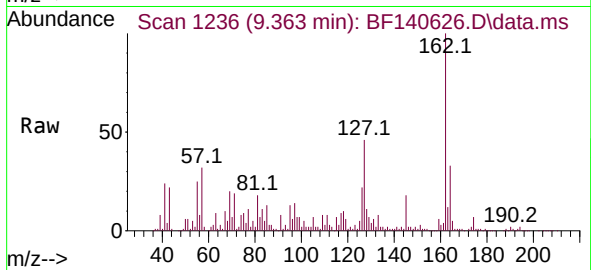




#47
2-Chloronaphthalene
Concen: 50.549 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

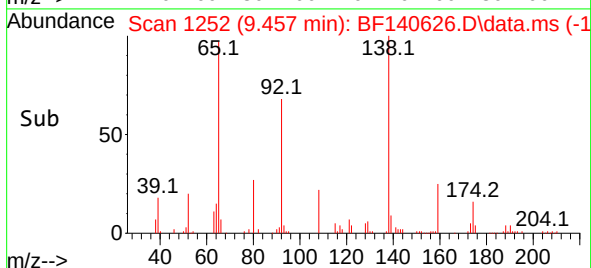
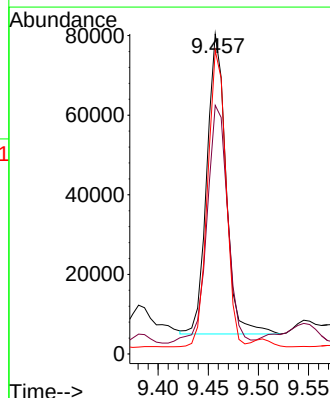
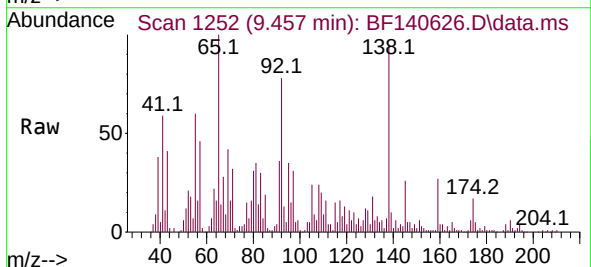
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

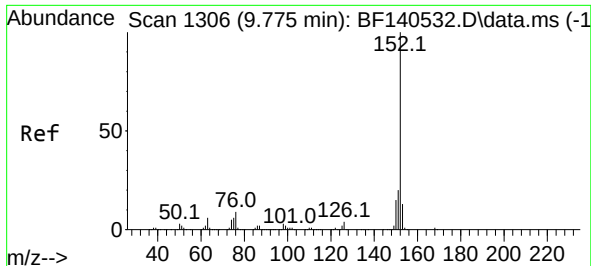
Tgt Ion:162 Resp: 270374
Ion Ratio Lower Upper
162 100
127 45.9 35.7 53.5
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 58.380 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 65 Resp: 100230
Ion Ratio Lower Upper
65 100
92 77.7 56.1 84.1
138 94.9 81.0 121.6





#49

Acenaphthylene

Concen: 53.510 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

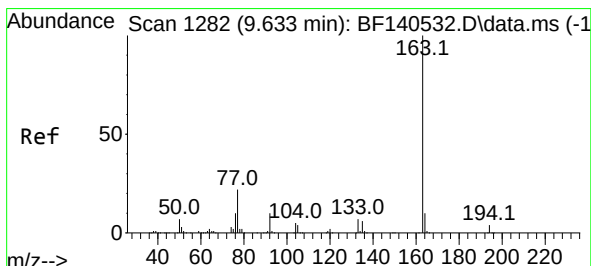
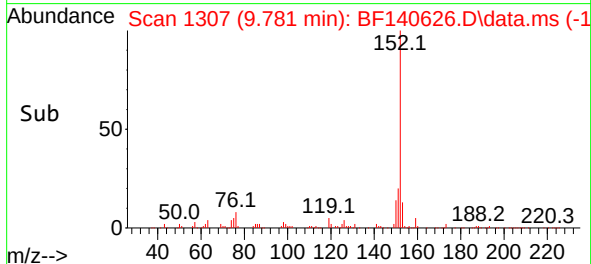
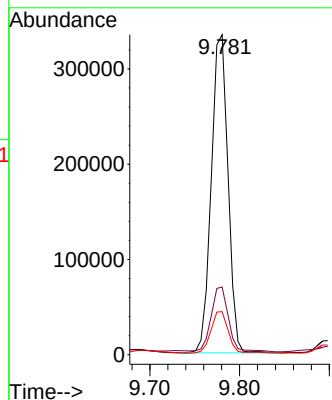
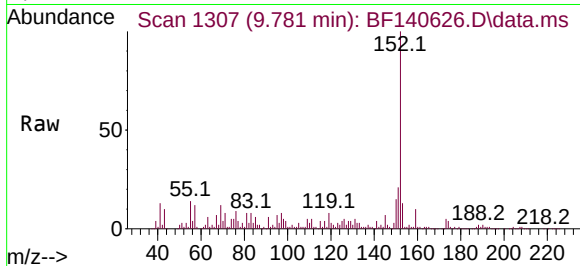
Tgt Ion:152 Resp: 432447

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 51.457 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

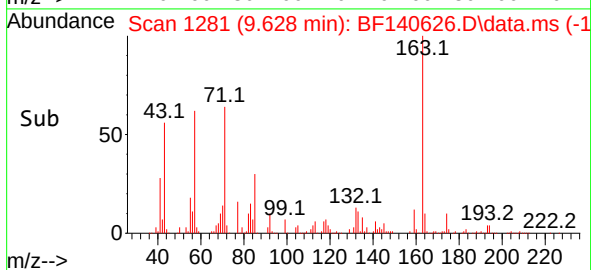
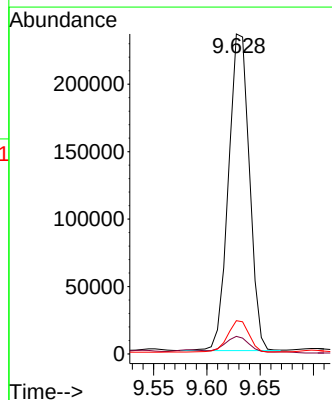
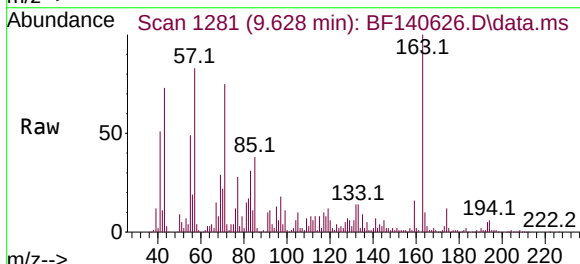
Tgt Ion:163 Resp: 320419

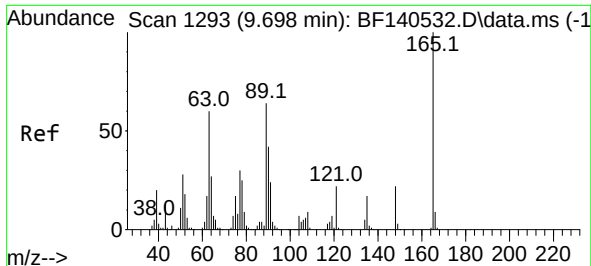
Ion Ratio Lower Upper

163 100

194 5.5 3.1 4.7#

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.043 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

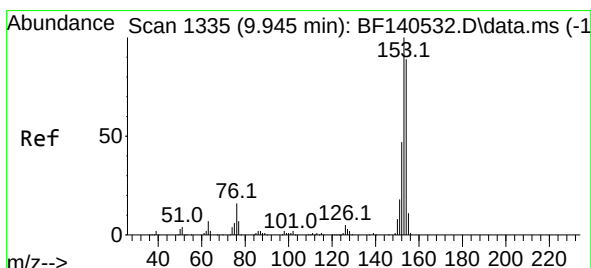
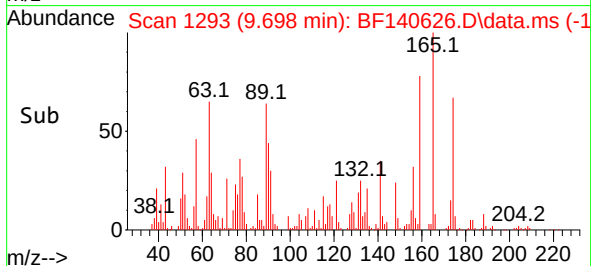
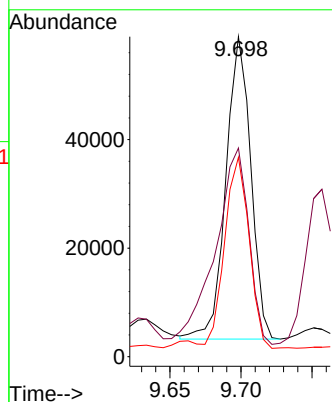
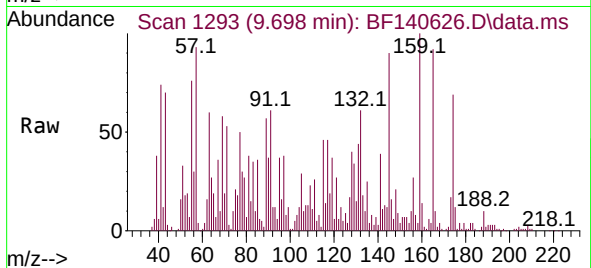
Tgt Ion:165 Resp: 67848

Ion Ratio Lower Upper

165 100

63 65.2 49.9 74.9

89 62.3 50.9 76.3



#52

Acenaphthene

Concen: 51.005 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

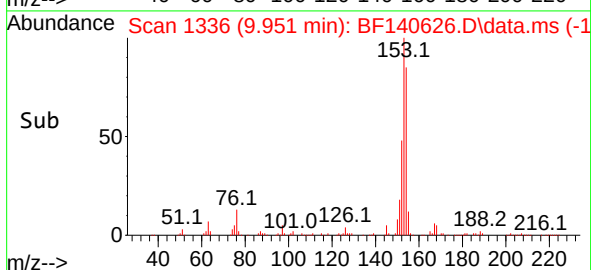
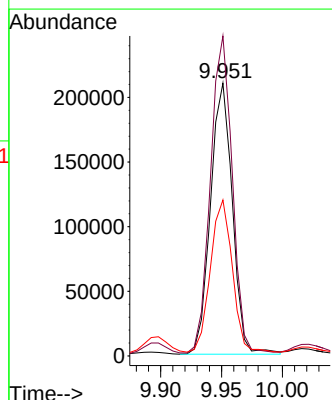
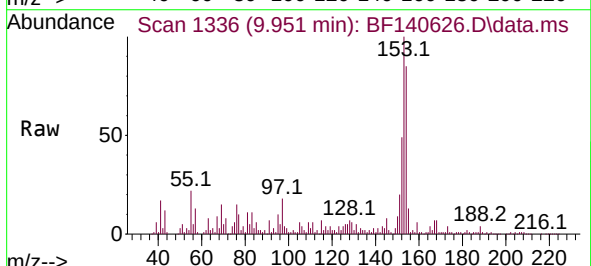
Tgt Ion:154 Resp: 261909

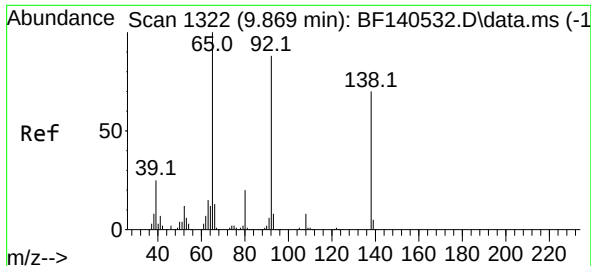
Ion Ratio Lower Upper

154 100

153 117.3 89.7 134.5

152 57.2 42.5 63.7

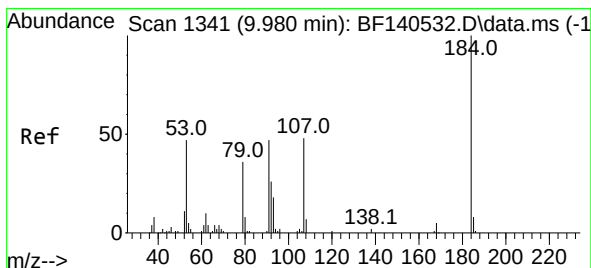
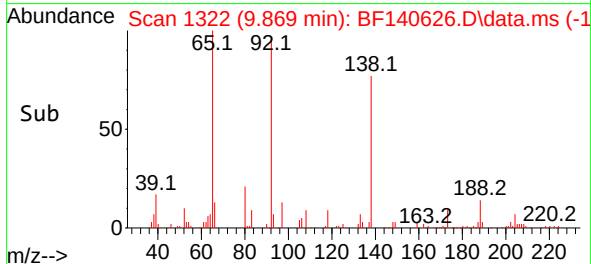
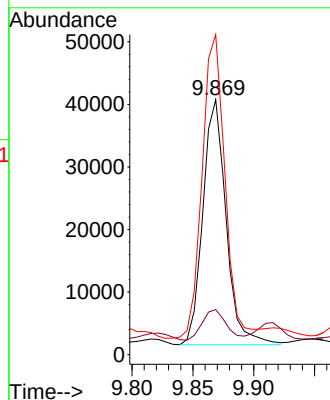
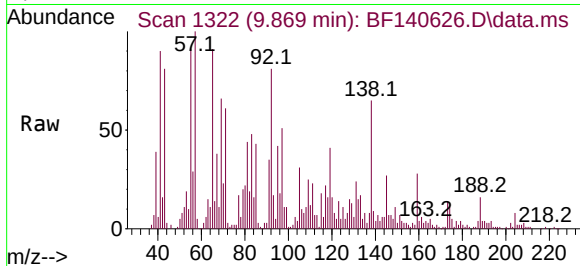




#53
3-Nitroaniline
Concen: 37.689 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

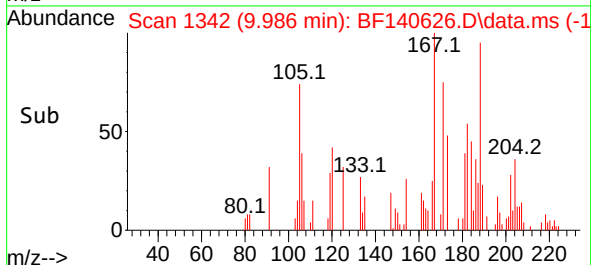
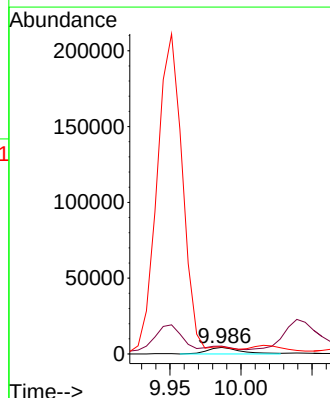
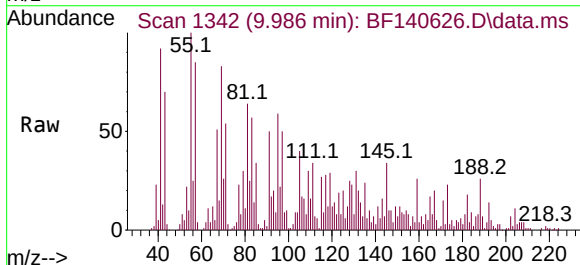
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

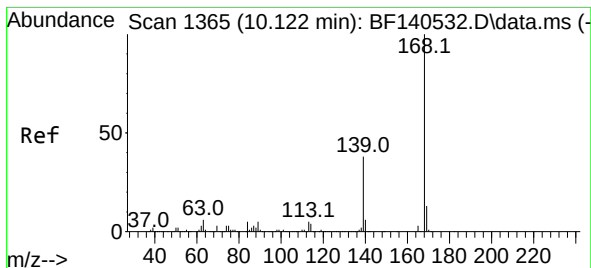
Tgt Ion:138 Resp: 52057
Ion Ratio Lower Upper
138 100
108 17.7 9.2 13.8#
92 125.4 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 16.439 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:184 Resp: 6985
Ion Ratio Lower Upper
184 100
63 119.2 54.1 81.1#
154 108.9 57.4 86.0#





#55

Dibenzofuran

Concen: 50.267 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

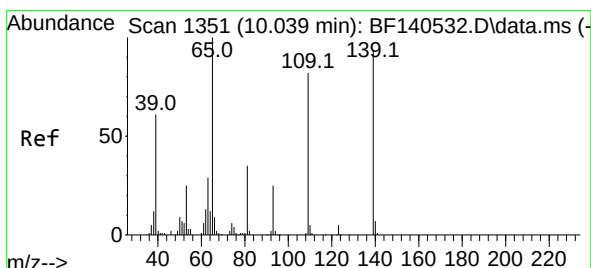
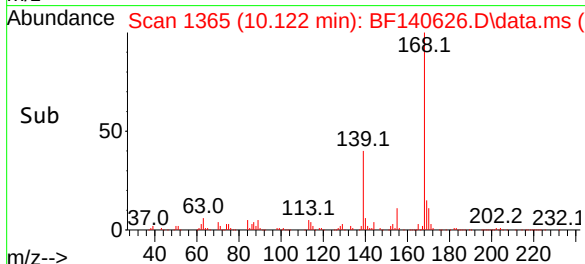
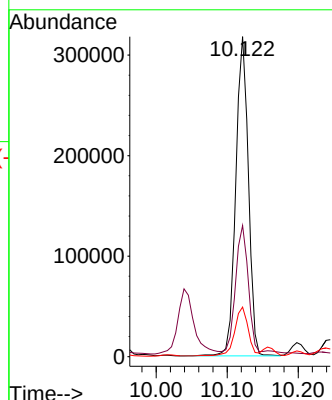
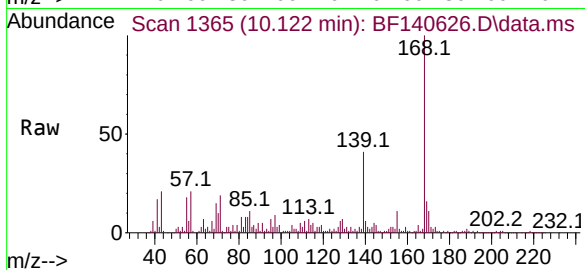
Tgt Ion:168 Resp: 393717

Ion Ratio Lower Upper

168 100

139 41.0 31.3 46.9

169 15.5 10.5 15.7



#56

4-Nitrophenol

Concen: 108.207 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

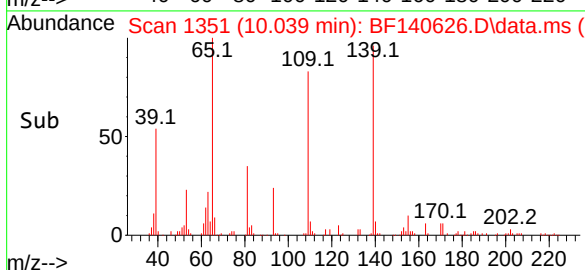
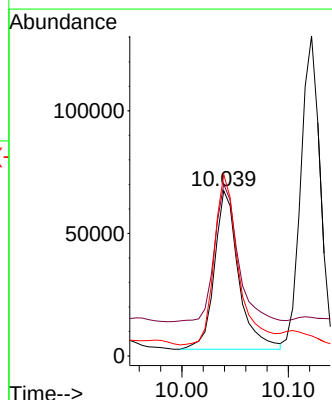
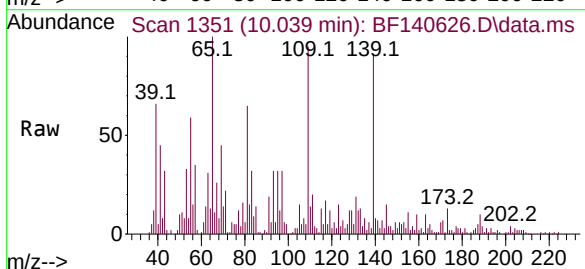
Tgt Ion:139 Resp: 101930

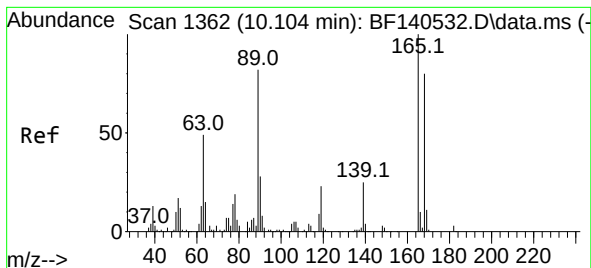
Ion Ratio Lower Upper

139 100

109 103.9 68.4 108.4

65 109.8 88.6 128.6

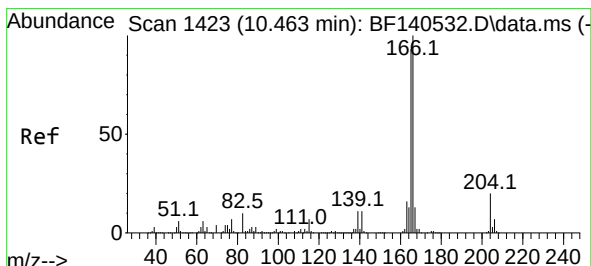
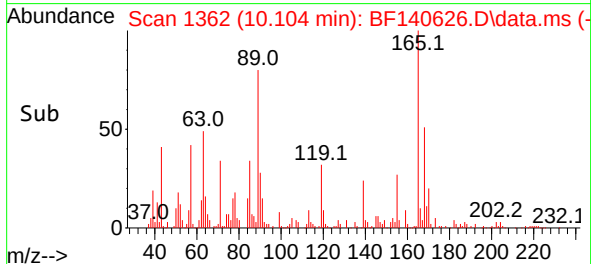
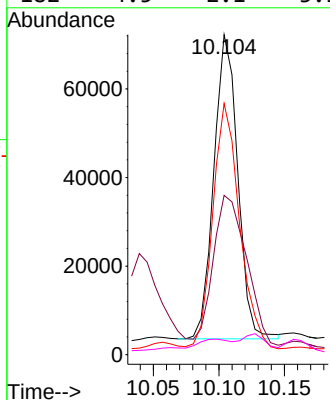
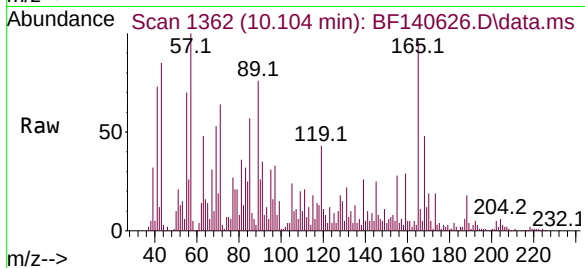




#57
2,4-Dinitrotoluene
Concen: 46.280 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

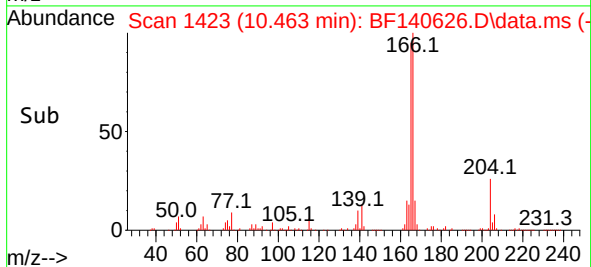
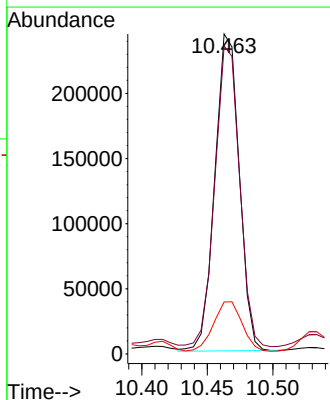
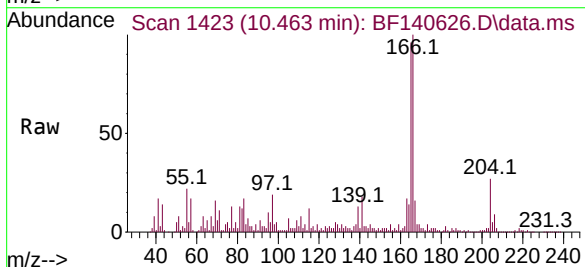
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

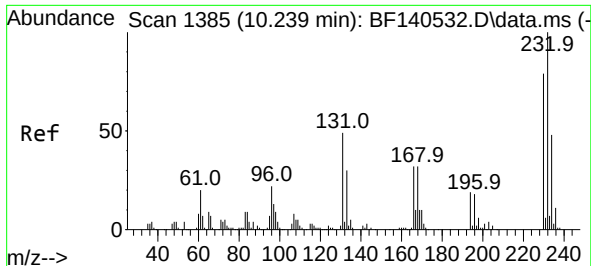
Tgt Ion:165 Resp: 86862
Ion Ratio Lower Upper
165 100
63 49.8 41.7 62.5
89 78.5 65.8 98.8
182 4.5 2.1 3.1#



#58
Fluorene
Concen: 50.101 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:166 Resp: 314981
Ion Ratio Lower Upper
166 100
165 96.3 74.6 111.8
167 16.2 10.6 16.0#





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.517 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:232 Resp: 71733

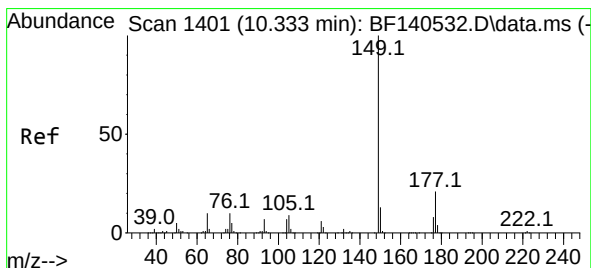
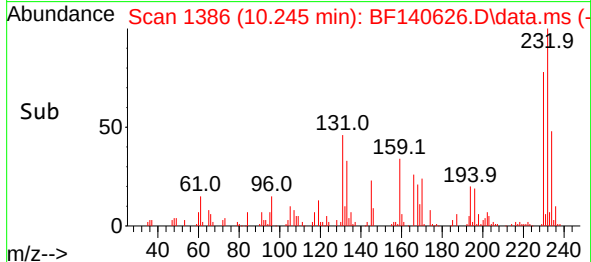
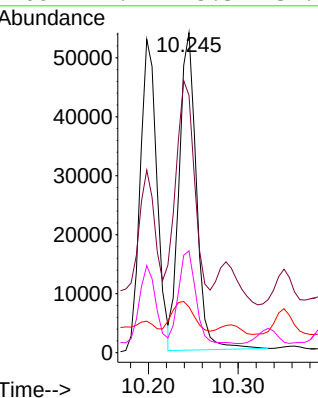
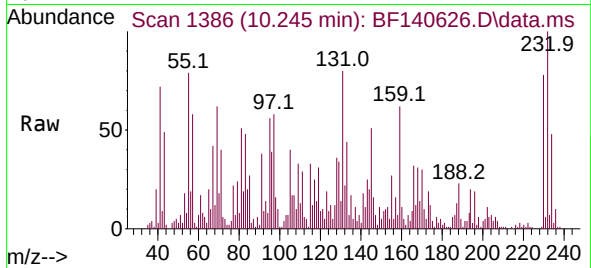
Ion Ratio Lower Upper

232 100

131 77.1 39.6 59.4#

130 12.9 1.9 2.9#

166 29.2 25.3 37.9



#60

Diethylphthalate

Concen: 47.973 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

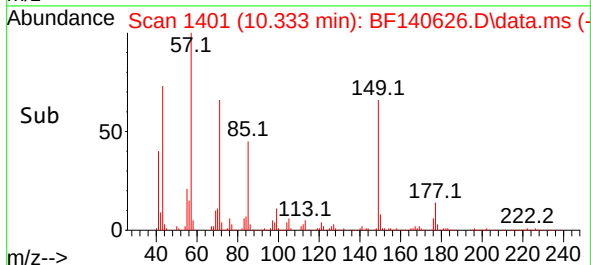
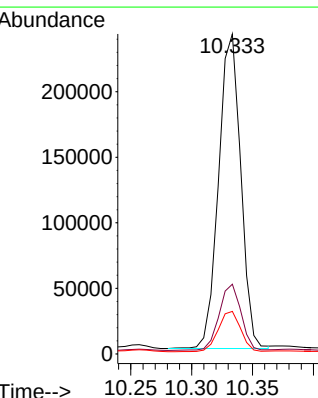
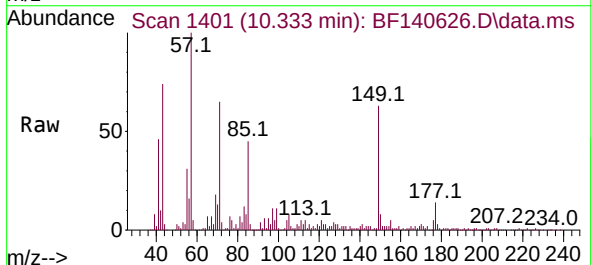
Tgt Ion:149 Resp: 303509

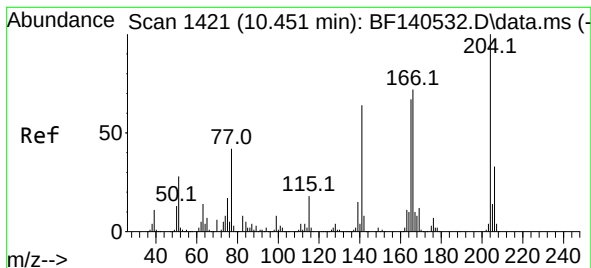
Ion Ratio Lower Upper

149 100

177 21.8 17.1 25.7

150 13.3 10.1 15.1

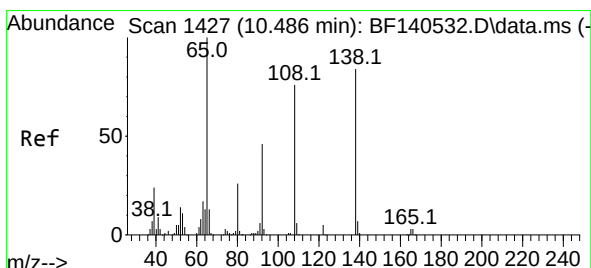
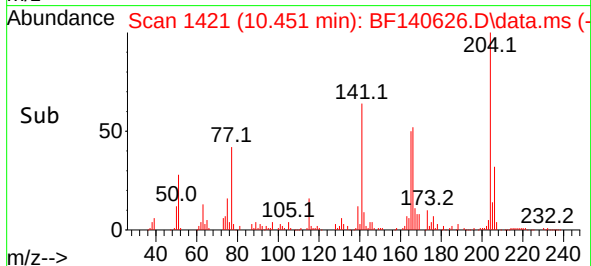
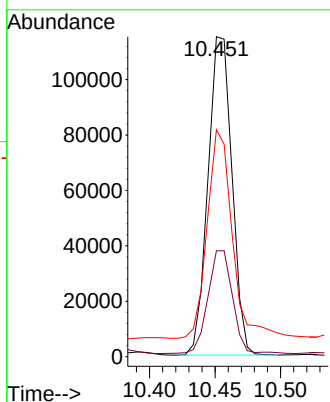
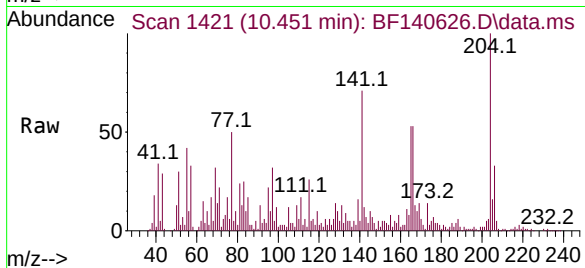




#61
4-Chlorophenyl-phenylether
Concen: 47.435 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

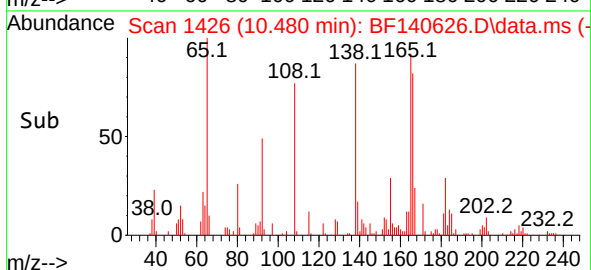
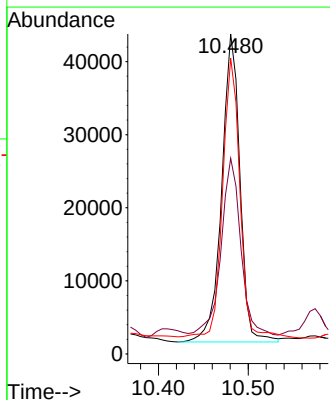
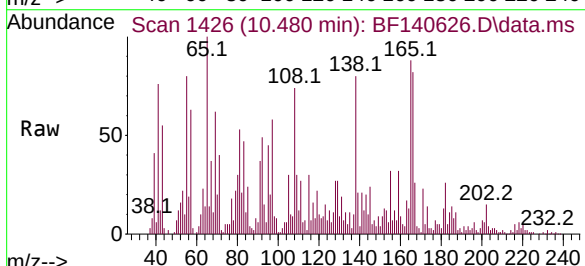
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

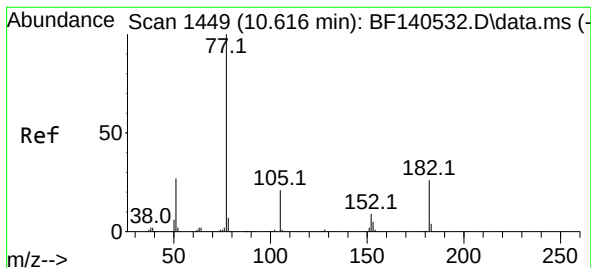
Tgt Ion:204 Resp: 146353
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 71.0 51.1 76.7



#62
4-Nitroaniline
Concen: 41.049 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:138 Resp: 59466
Ion Ratio Lower Upper
138 100
92 61.2 34.5 74.5
108 92.5 70.6 110.6





#63

Azobenzene

Concen: 56.672 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion: 77 Resp: 339535

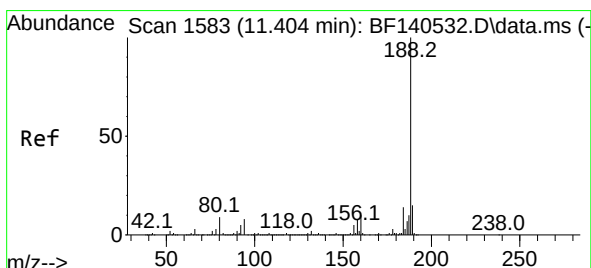
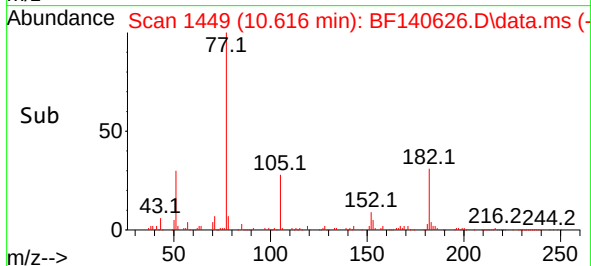
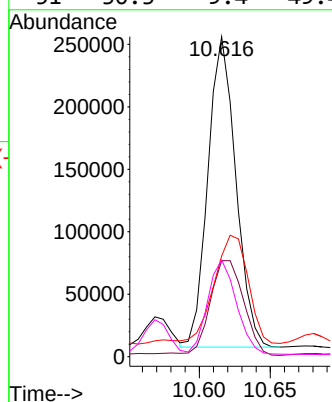
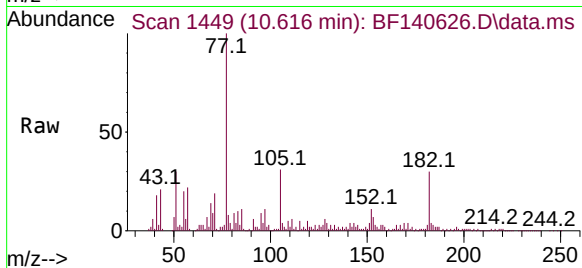
Ion Ratio Lower Upper

77 100

182 30.0 5.3 45.3

105 31.5 0.3 40.3

51 30.3 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

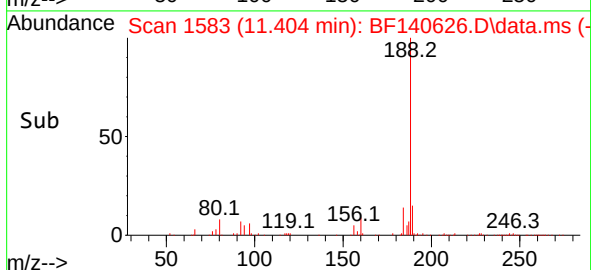
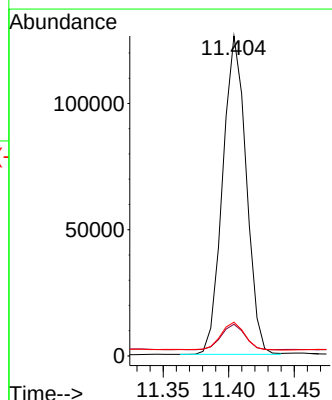
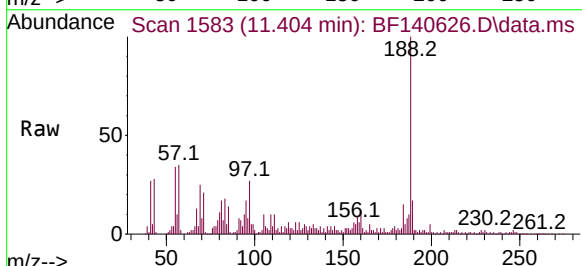
Tgt Ion: 188 Resp: 157588

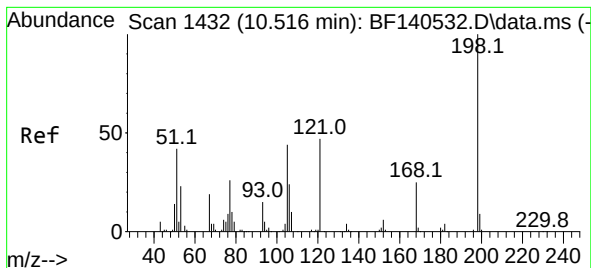
Ion Ratio Lower Upper

188 100

94 9.9 6.4 9.6#

80 10.5 6.9 10.3#

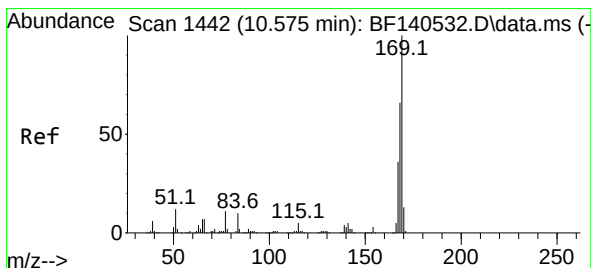
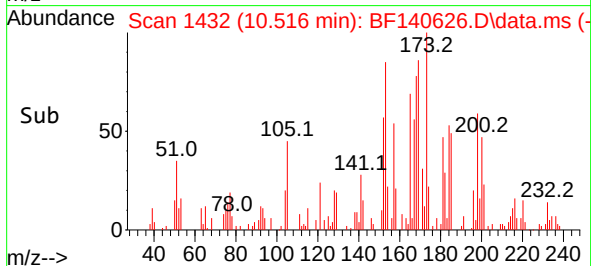
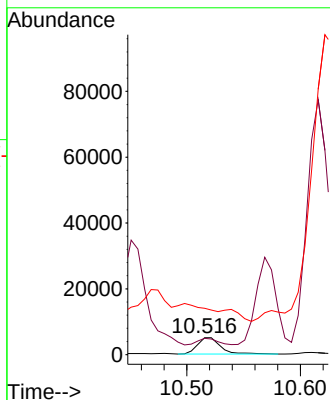
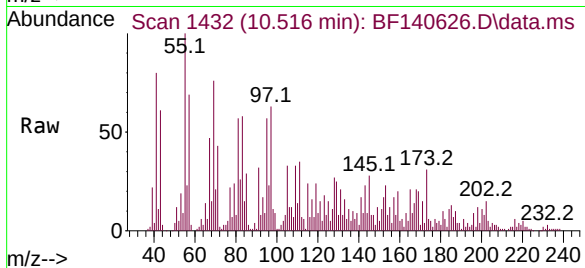




#65
4,6-Dinitro-2-methylphenol
Concen: 8.778 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

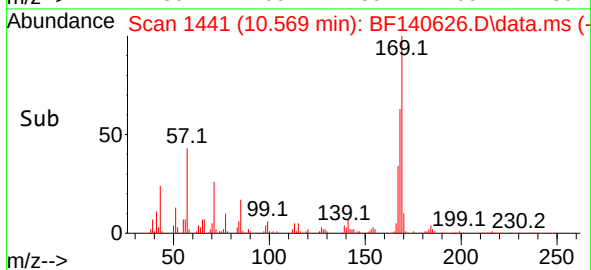
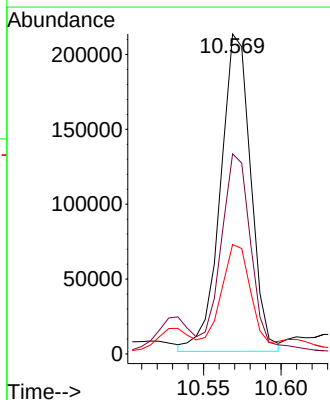
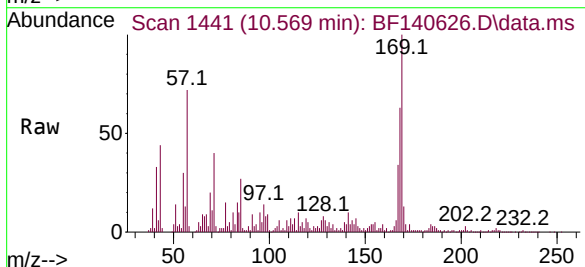
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

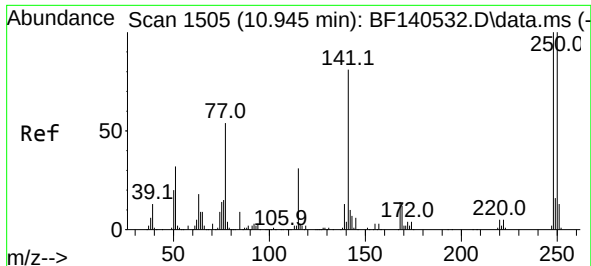
Tgt Ion:198 Resp: 7069
Ion Ratio Lower Upper
198 100
51 96.0 29.4 69.4#
105 272.7 25.4 65.4#



#66
n-Nitrosodiphenylamine
Concen: 61.883 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:169 Resp: 288393
Ion Ratio Lower Upper
169 100
168 62.6 53.2 79.8
167 34.2 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 51.995 ng

RT: 10.945 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

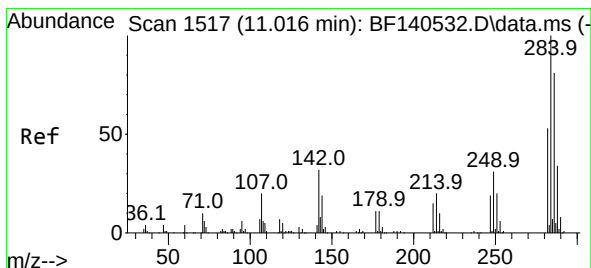
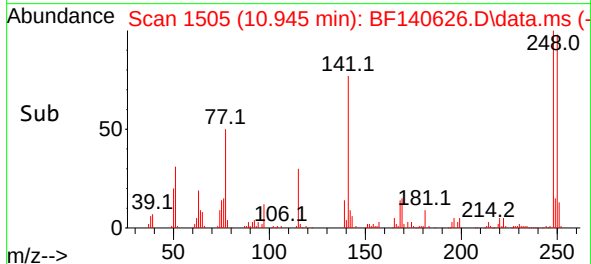
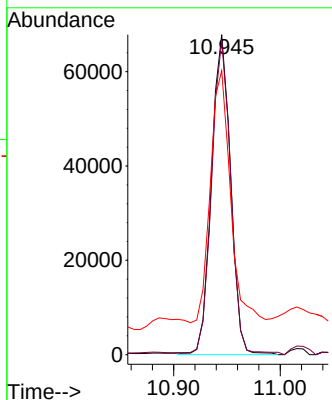
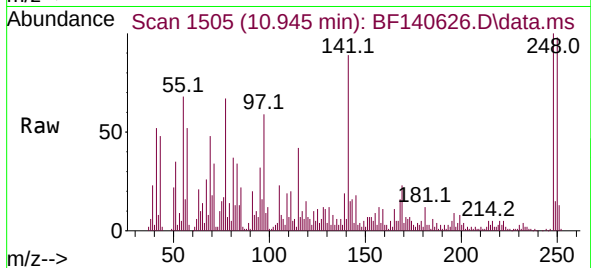
Tgt Ion:248 Resp: 84383

Ion Ratio Lower Upper

248 100

250 98.2 79.8 119.8

141 88.8 64.7 97.1



#68

Hexachlorobenzene

Concen: 48.986 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

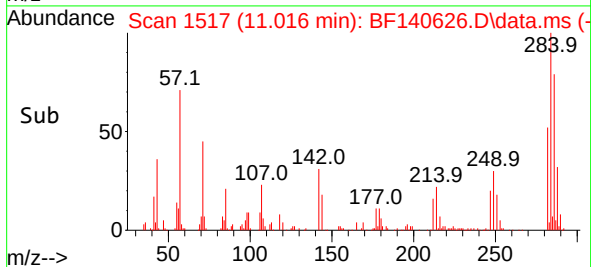
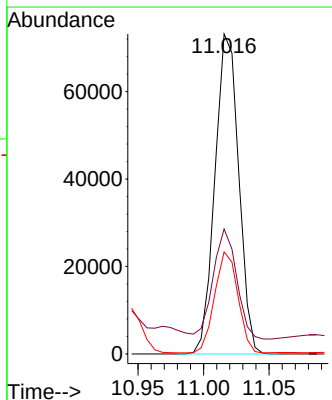
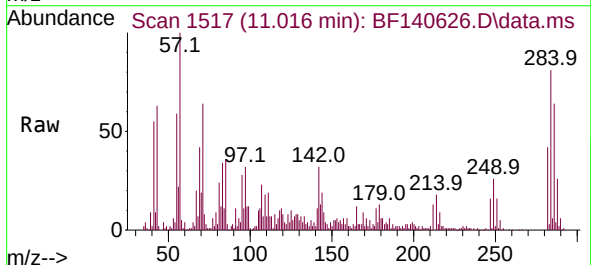
Tgt Ion:284 Resp: 92053

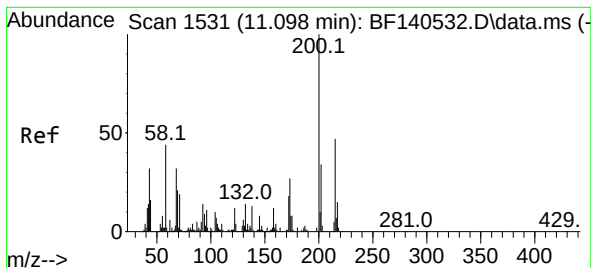
Ion Ratio Lower Upper

284 100

142 39.0 25.3 37.9#

249 31.9 24.8 37.2





#69

Atrazine

Concen: 69.220 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

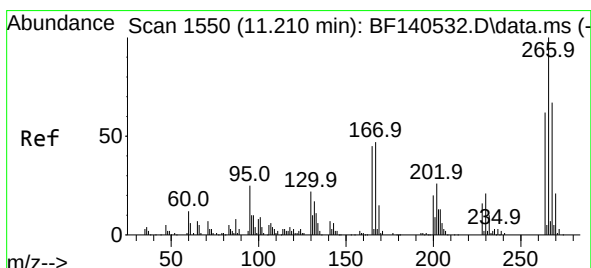
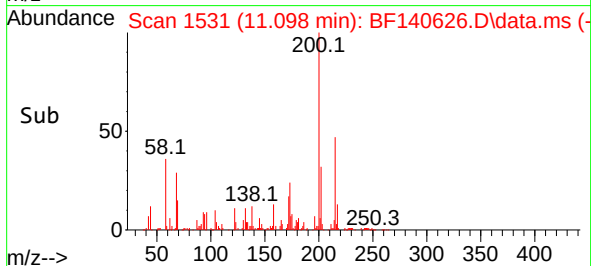
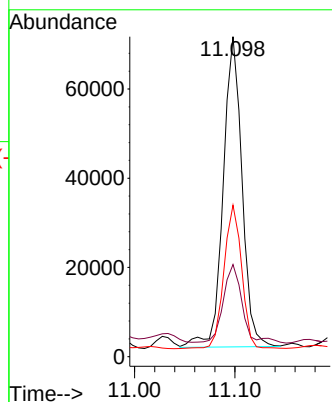
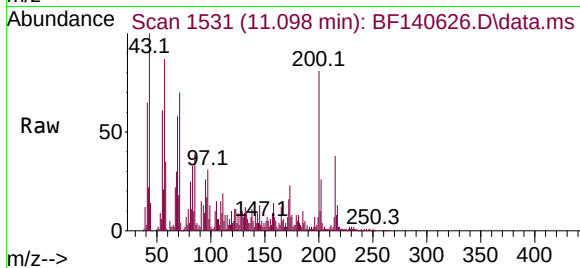
Tgt Ion:200 Resp: 90750

Ion Ratio Lower Upper

200 100

173 28.8 7.0 47.0

215 47.4 26.7 66.7



#70

Pentachlorophenol

Concen: 101.712 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

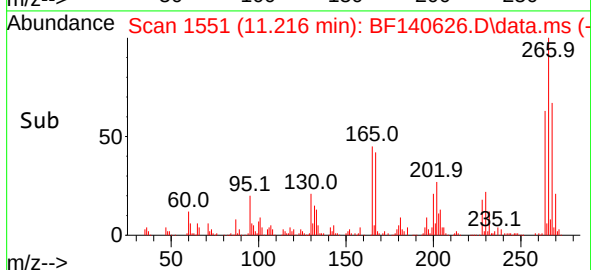
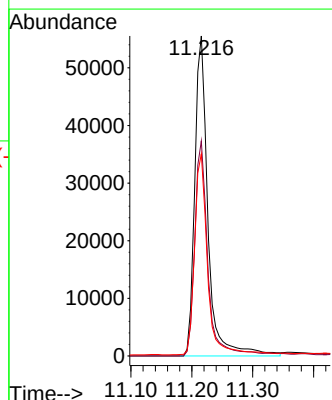
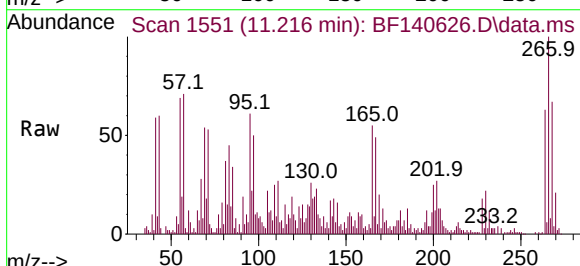
Tgt Ion:266 Resp: 84123

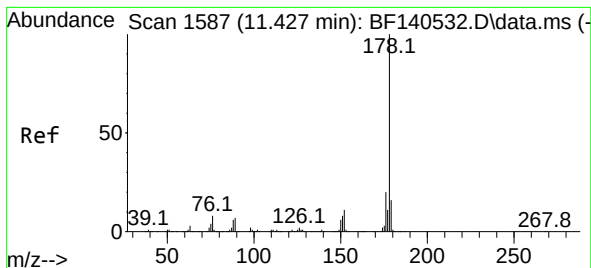
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 66.696 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

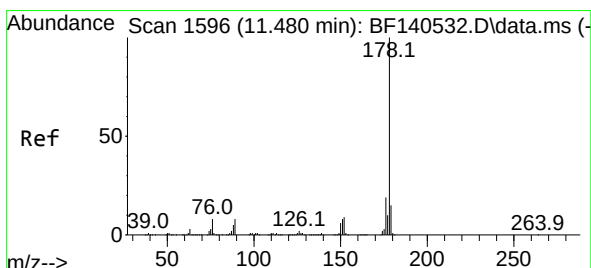
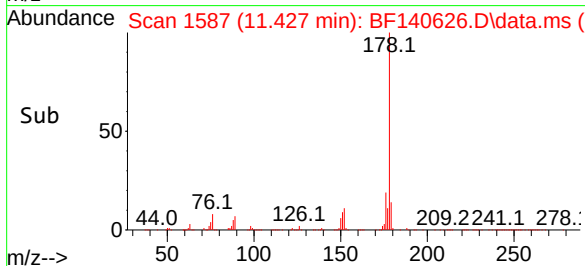
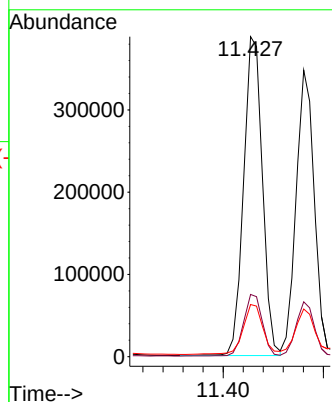
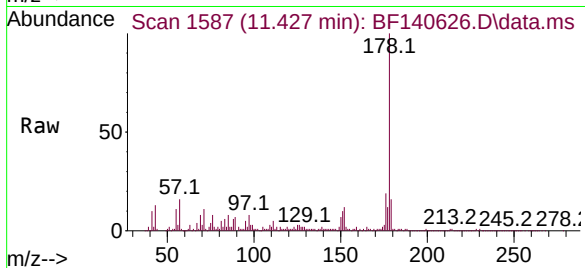
Tgt Ion:178 Resp: 505228

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 16.3 12.4 18.6



#72

Anthracene

Concen: 57.888 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

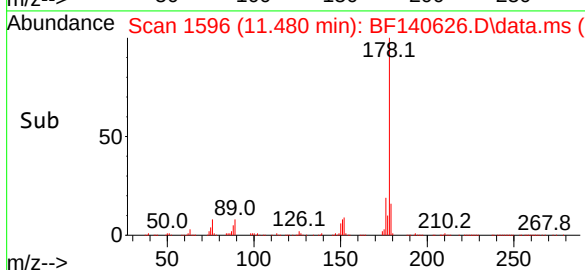
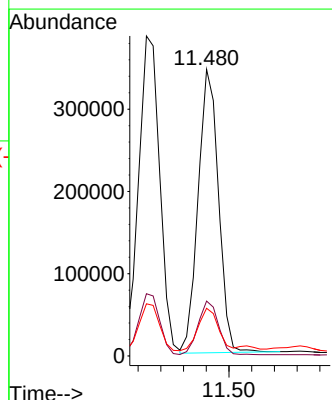
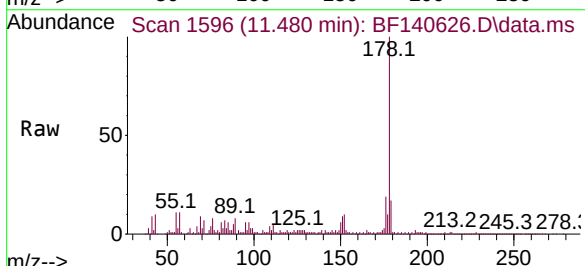
Tgt Ion:178 Resp: 428947

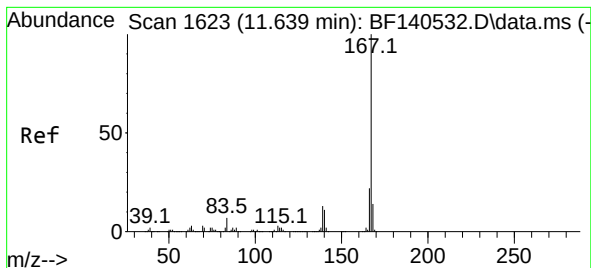
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 16.6 12.2 18.4





#73

Carbazole

Concen: 55.399 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

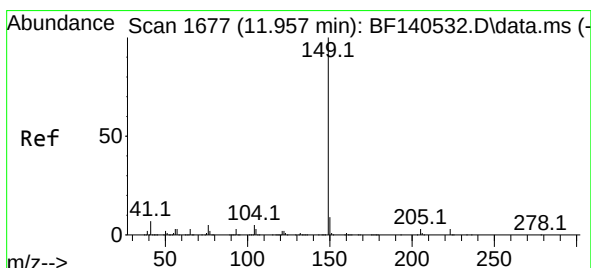
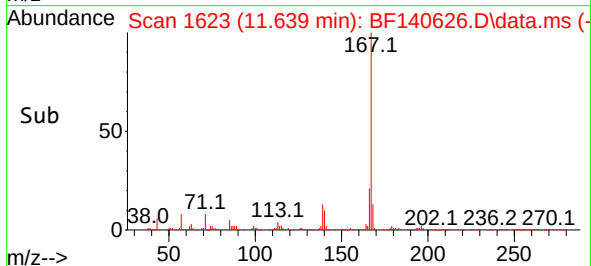
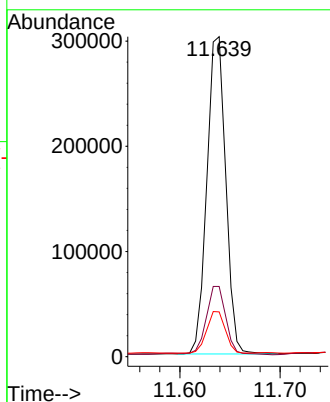
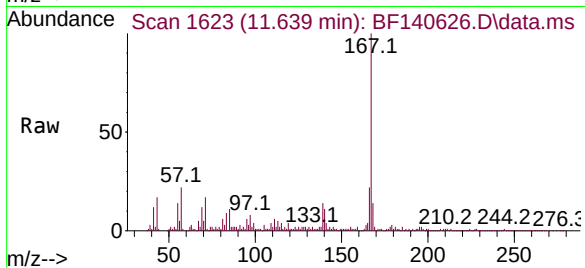
Tgt Ion:167 Resp: 394905

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 53.296 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

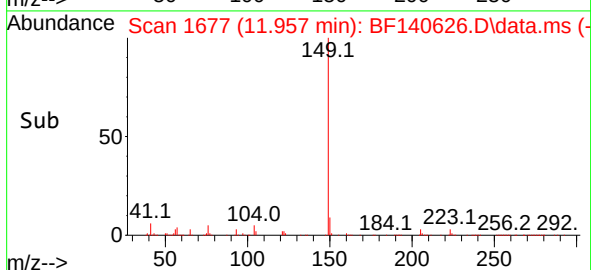
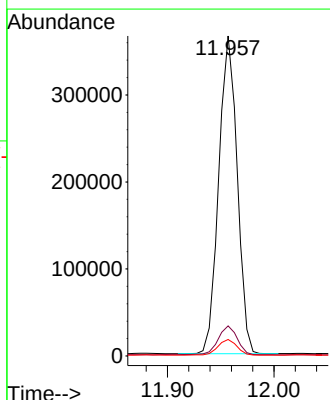
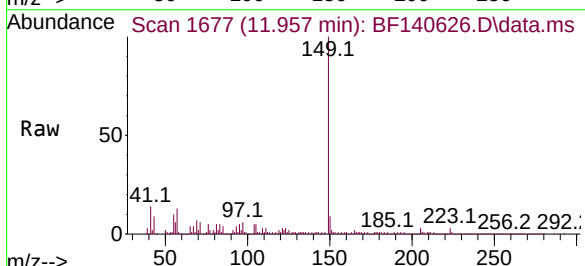
Tgt Ion:149 Resp: 438606

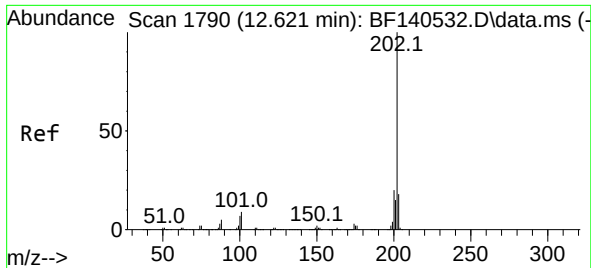
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.2 4.1 6.1

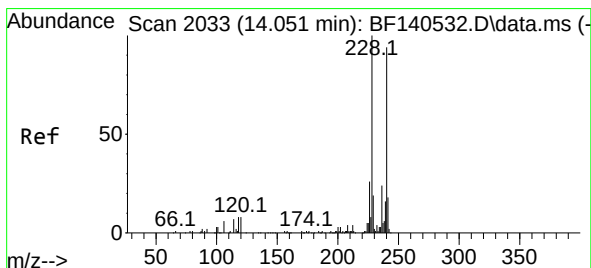
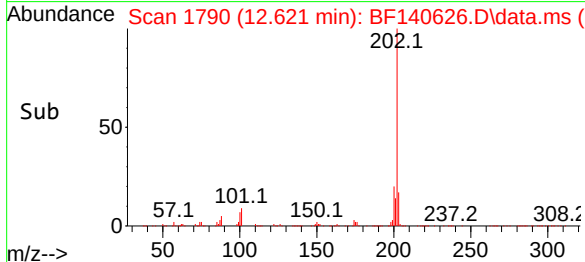
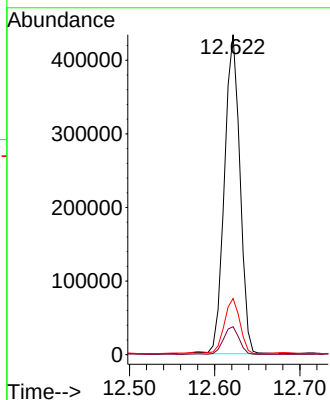
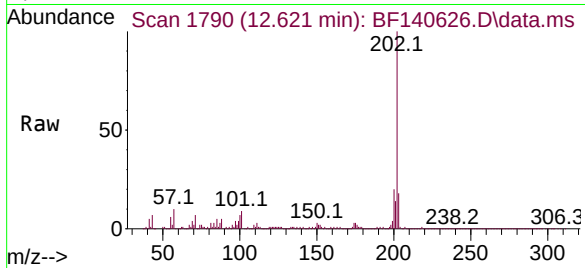




#75
Fluoranthene
Concen: 66.687 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

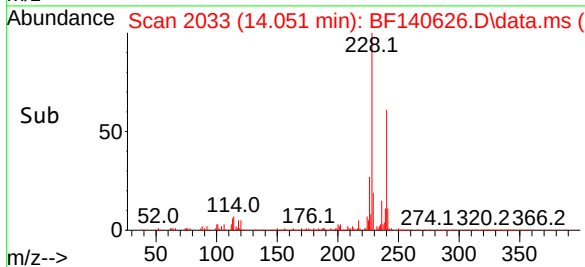
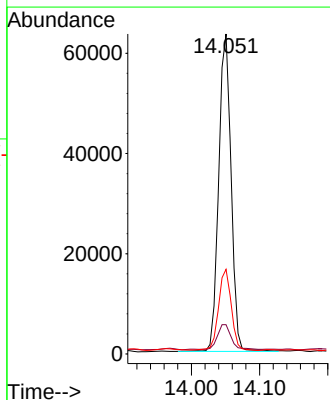
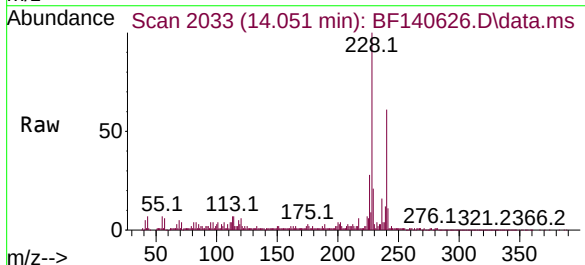
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

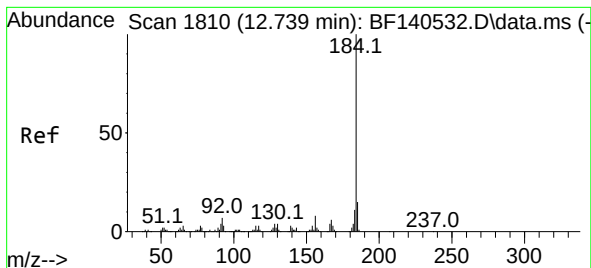
Tgt Ion:202 Resp: 548474
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:240 Resp: 80063
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.5 20.6 31.0





#77

Benzidine

Concen: 44.569 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

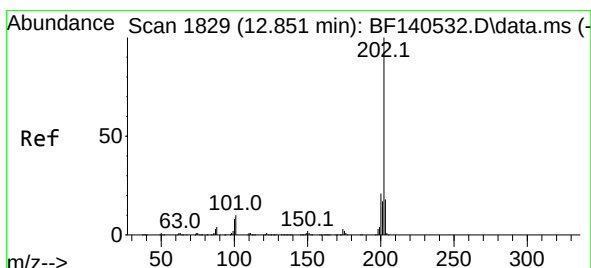
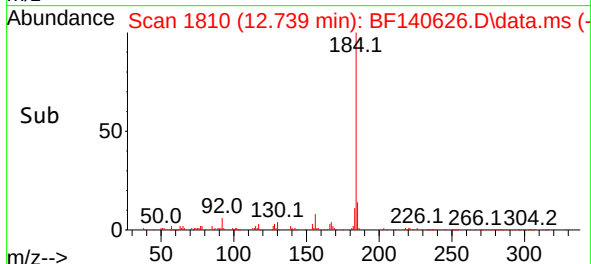
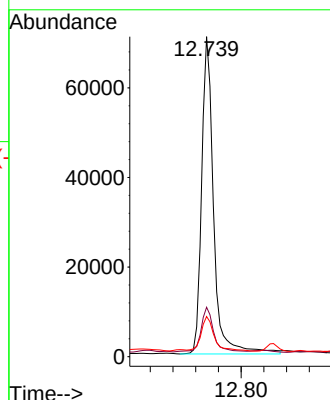
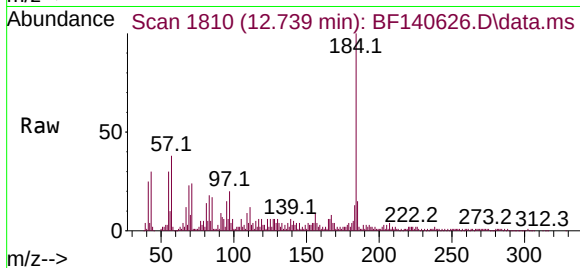
Tgt Ion:184 Resp: 103748

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 12.6 8.8 13.2



#78

Pyrene

Concen: 70.045 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

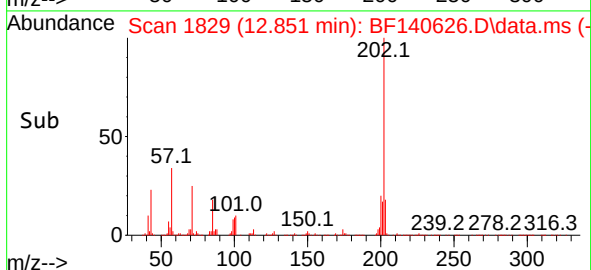
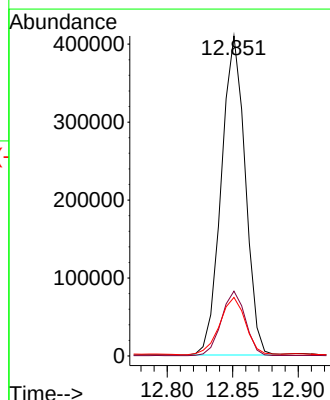
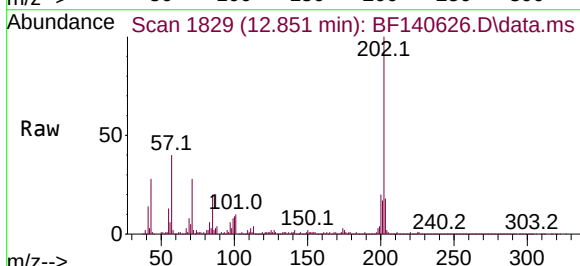
Tgt Ion:202 Resp: 518530

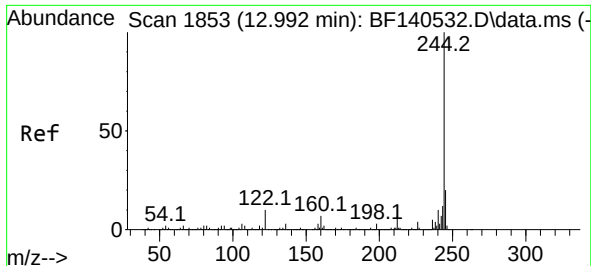
Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

203 18.3 14.2 21.4

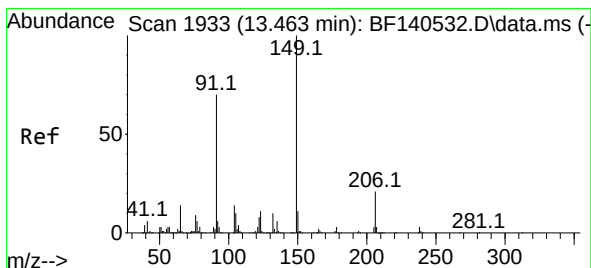
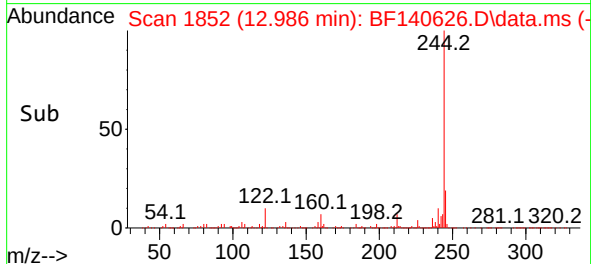
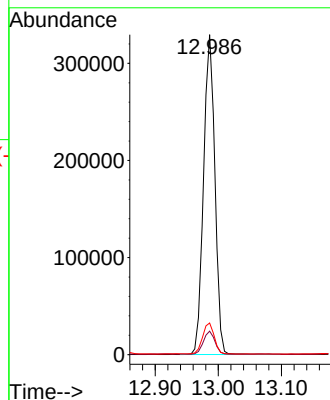
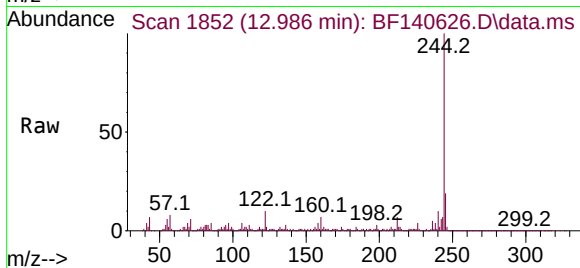




#79
 Terphenyl-d14
 Concen: 79.846 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

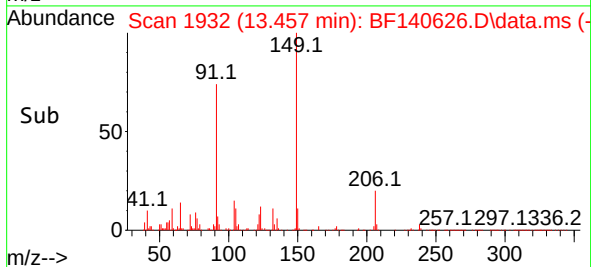
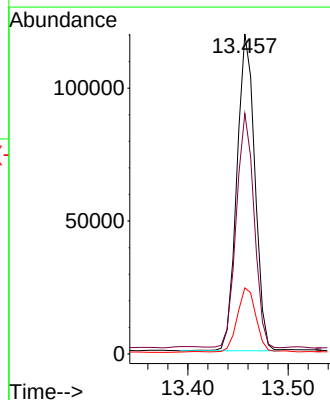
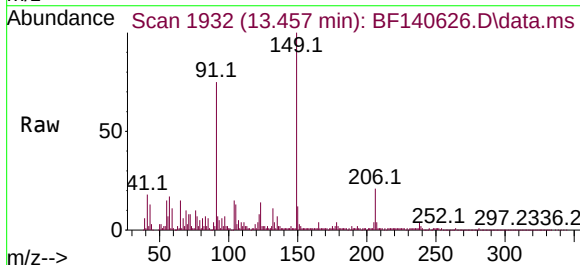
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MSD

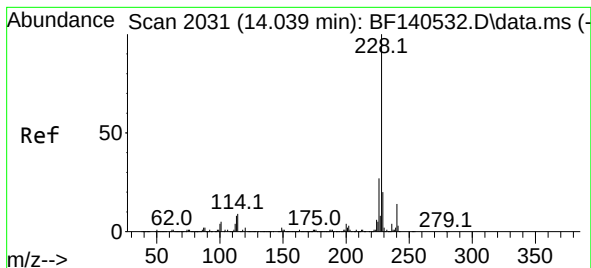
Tgt Ion:244 Resp: 410542
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 55.920 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

Tgt Ion:149 Resp: 149128
 Ion Ratio Lower Upper
 149 100
 91 75.1 56.2 84.2
 206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 62.987 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

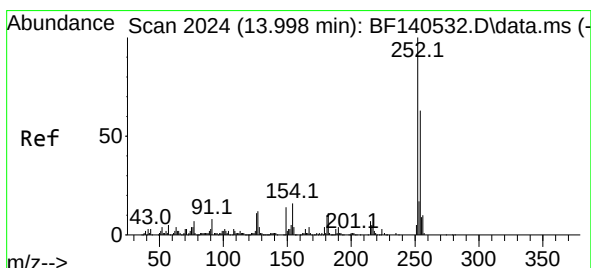
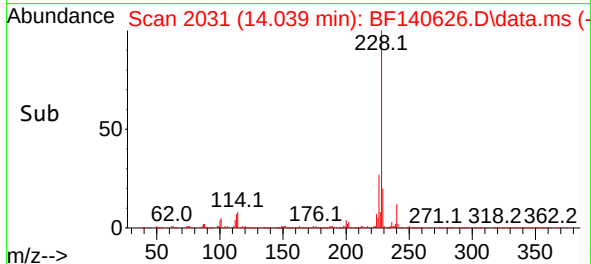
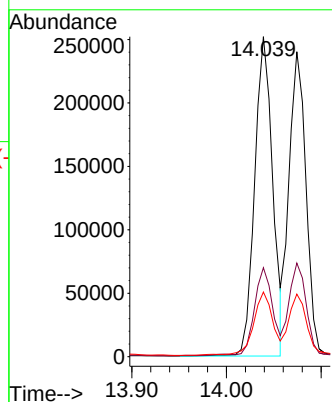
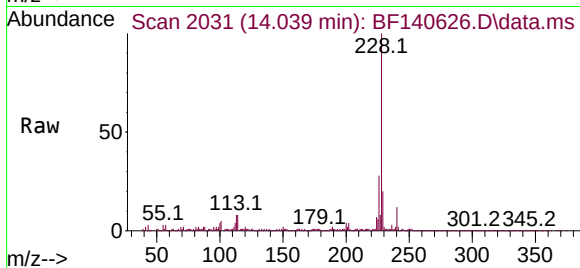
Tgt Ion:228 Resp: 333823

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.765 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

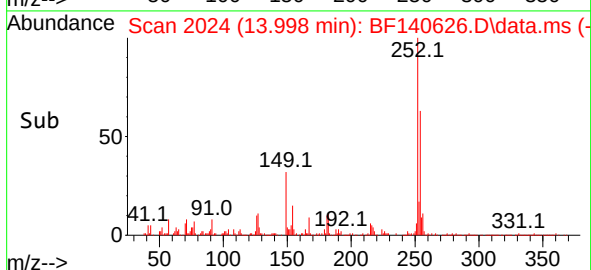
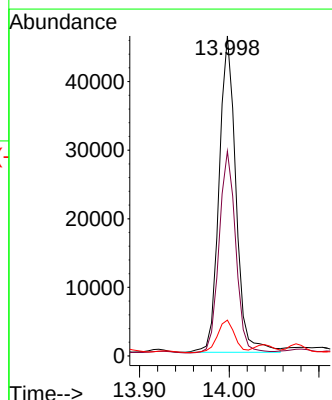
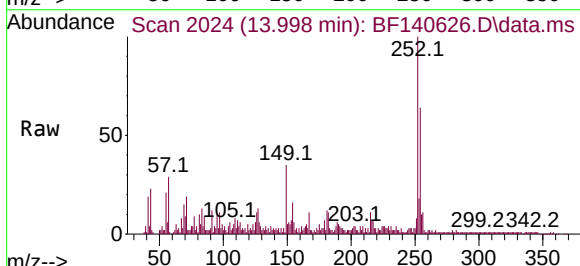
Tgt Ion:252 Resp: 60093

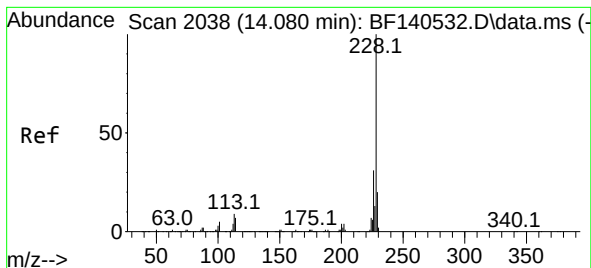
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 11.2 8.6 13.0





#83

Chrysene

Concen: 61.182 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

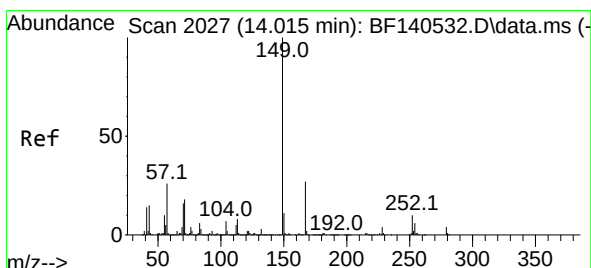
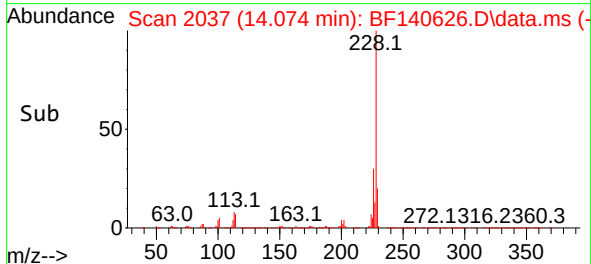
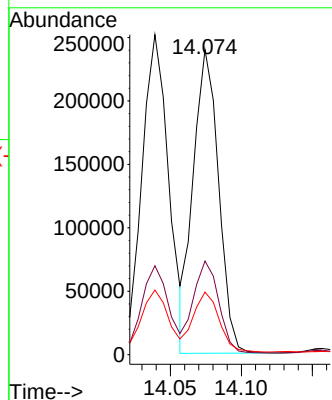
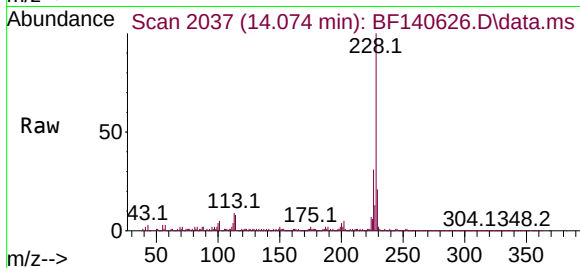
Tgt Ion:228 Resp: 296493

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.303 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

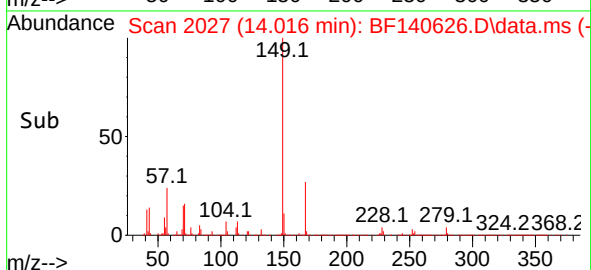
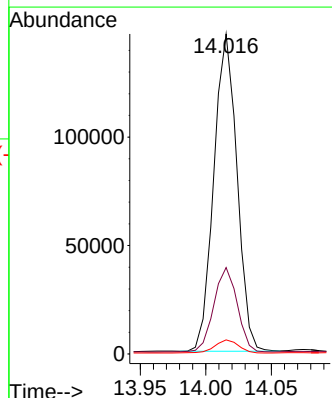
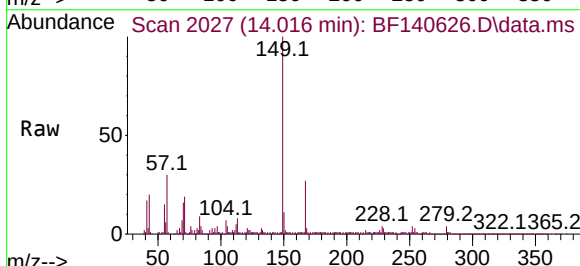
Tgt Ion:149 Resp: 179490

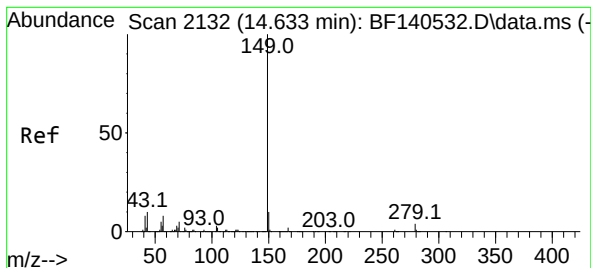
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.869 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

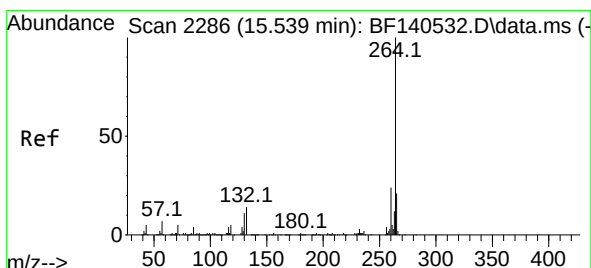
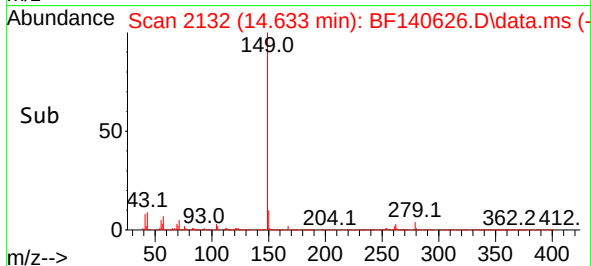
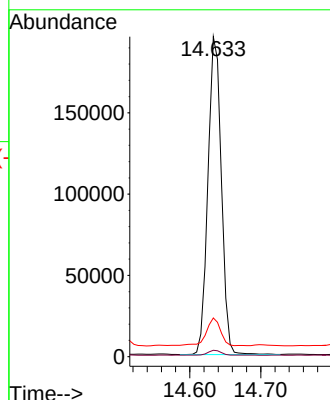
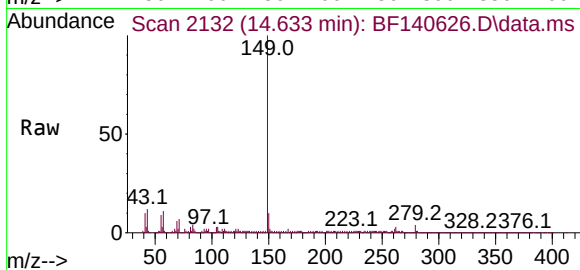
Tgt Ion:149 Resp: 257105

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

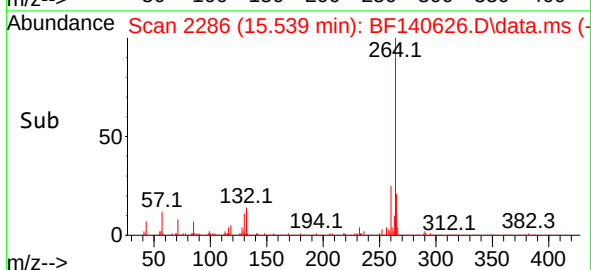
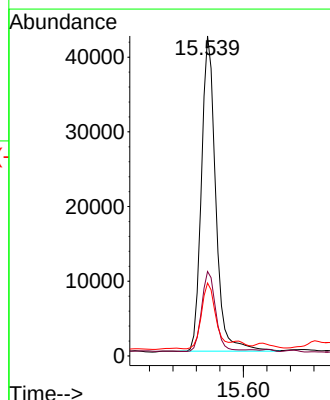
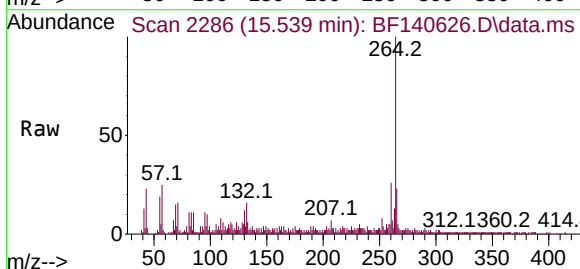
Tgt Ion:264 Resp: 71140

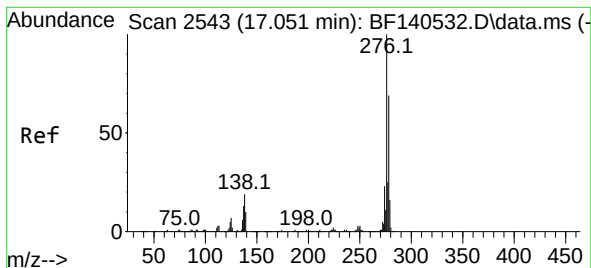
Ion Ratio Lower Upper

264 100

260 26.4 19.0 28.6

265 22.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.881 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

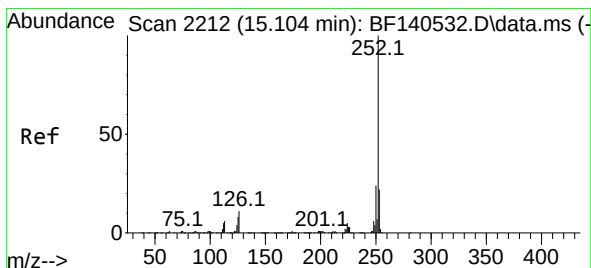
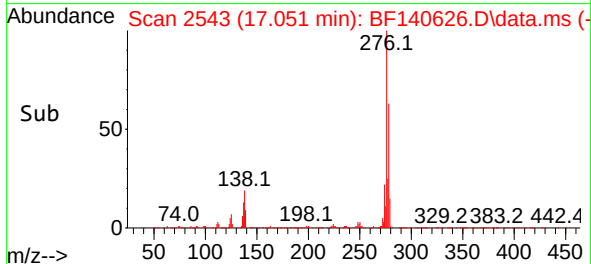
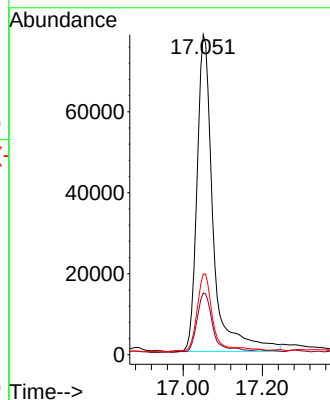
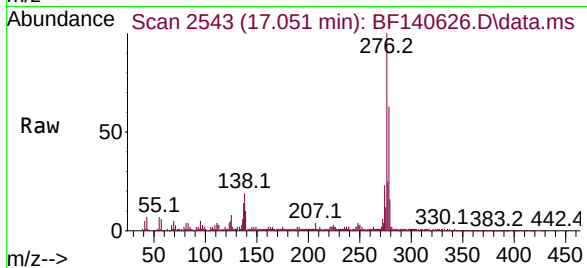
Tgt Ion:276 Resp: 221980

Ion Ratio Lower Upper

276 100

138 17.7 15.5 23.3

277 24.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 57.207 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

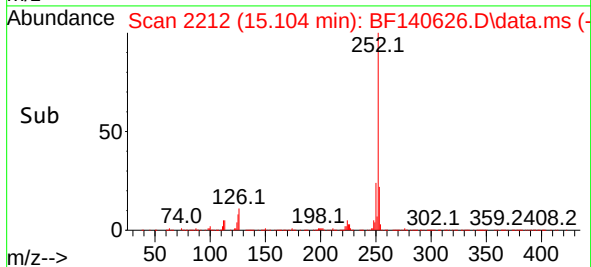
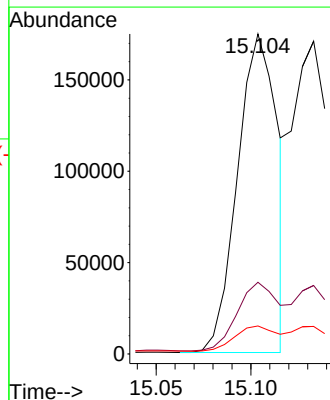
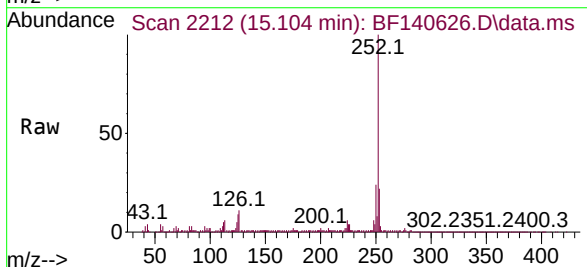
Tgt Ion:252 Resp: 255623

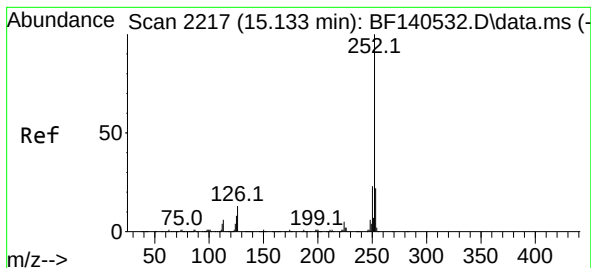
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 8.7 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 53.253 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

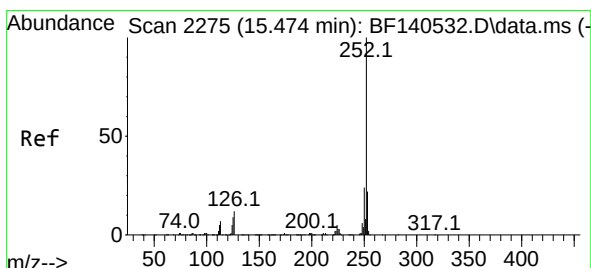
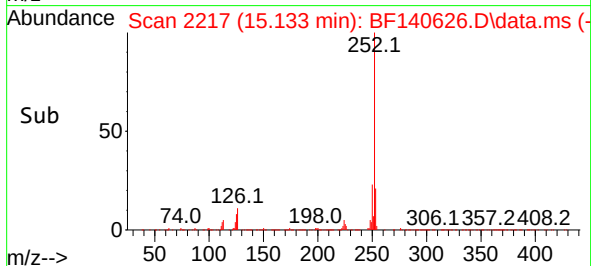
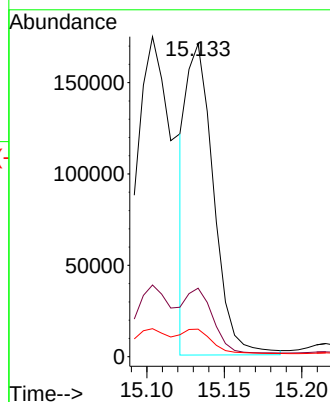
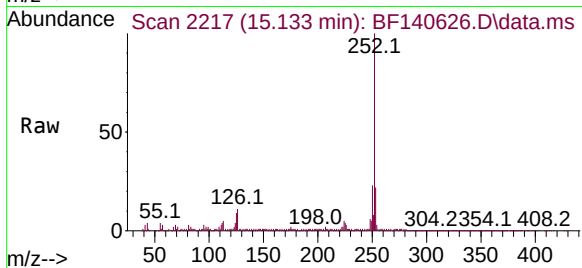
Tgt Ion:252 Resp: 208234

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 64.268 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

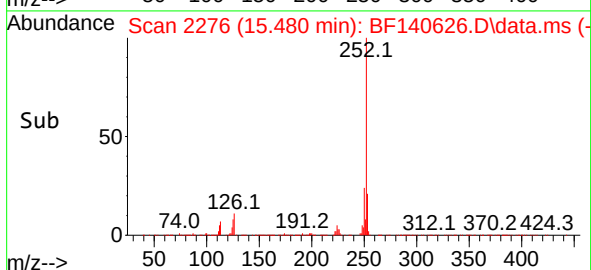
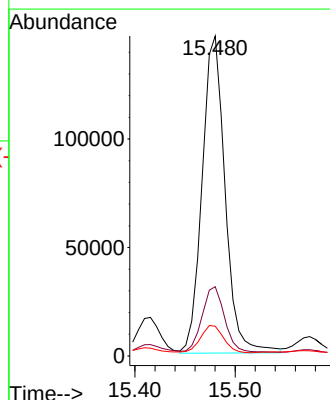
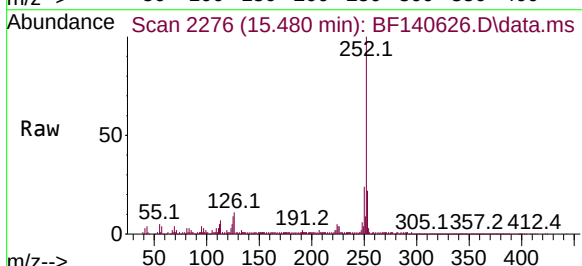
Tgt Ion:252 Resp: 233495

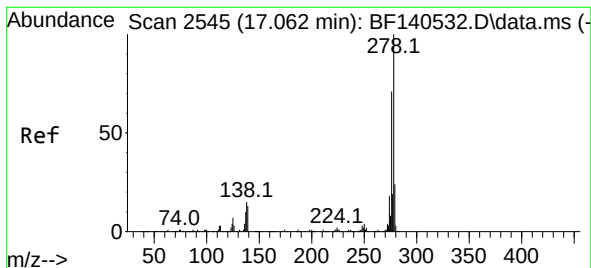
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.762 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

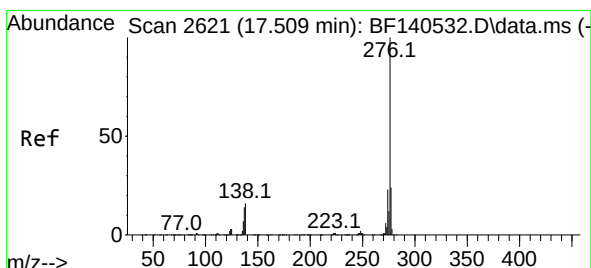
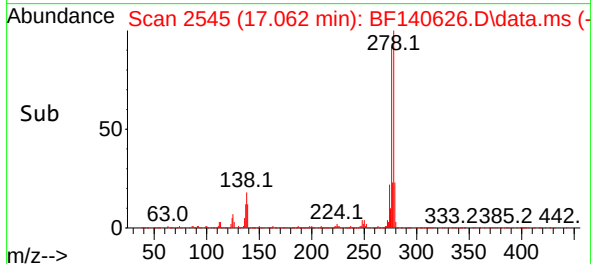
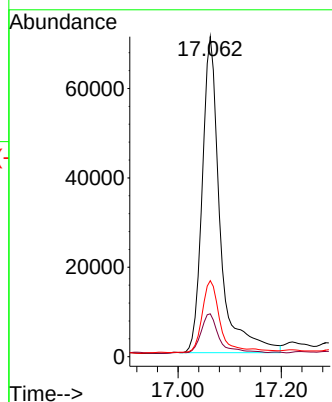
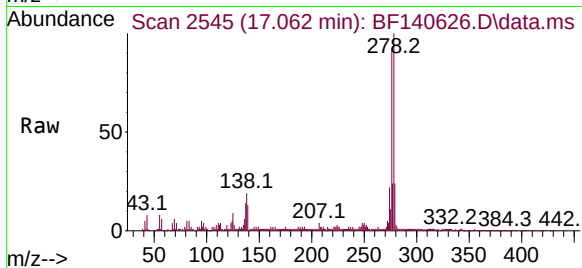
Tgt Ion:278 Resp: 169953

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.693 ng

RT: 17.509 min Scan# 2621

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:276 Resp: 153788

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 17.0 13.2 19.8

