

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140797.D
 Acq On : 10 Dec 2024 10:57
 Operator : RC/JU
 Sample : PB165477BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165477BS

Quant Time: Dec 10 13:08:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	94940	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	360720	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	205633	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	404386	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	251039	20.000	ng	0.00
86) Perylene-d12	15.545	264	218288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	812722	146.058	ng	0.01
7) Phenol-d6	6.516	99	1057055	143.695	ng	0.00
23) Nitrobenzene-d5	7.434	82	681078	96.577	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	328010	149.146	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1346228	97.543	ng	-0.01
79) Terphenyl-d14	12.980	244	1595968	98.994	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	95213	40.698	ng	98
3) Pyridine	3.499	79	235785	45.806	ng	99
4) n-Nitrosodimethylamine	3.457	42	126107	41.683	ng	90
6) Aniline	6.534	93	269011	51.955	ng	# 83
8) 2-Chlorophenol	6.657	128	297862	49.756	ng	96
9) Benzaldehyde	6.422	77	46943	12.054	ng	99
10) Phenol	6.528	94	372531	49.588	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	285832	49.720	ng	99
12) 1,3-Dichlorobenzene	6.804	146	308248	45.825	ng	97
13) 1,4-Dichlorobenzene	6.881	146	307545	45.154	ng	99
14) 1,2-Dichlorobenzene	7.034	146	293247	45.948	ng	99
15) Benzyl Alcohol	7.016	79	262528	48.123	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	331709	48.841	ng	67
17) 2-Methylphenol	7.128	107	233229	48.670	ng	96
18) Hexachloroethane	7.369	117	115528	45.415	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	211782	48.713	ng	96
20) 3+4-Methylphenols	7.287	107	312786	50.781	ng	# 73
22) Acetophenone	7.275	105	405475	46.107	ng	95
24) Nitrobenzene	7.451	77	323632	44.402	ng	97
25) Isophorone	7.687	82	577202	49.072	ng	99
26) 2-Nitrophenol	7.763	139	160513	49.695	ng	96
27) 2,4-Dimethylphenol	7.804	122	240709m	62.285	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	347931	48.555	ng	99
29) 2,4-Dichlorophenol	8.016	162	262798	51.319	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	264244	45.194	ng	98
31) Naphthalene	8.169	128	869123	46.777	ng	99
32) Benzoic acid	7.957	122	128329	39.633	ng	98
33) 4-Chloroaniline	8.222	127	126846	22.802	ng	99
34) Hexachlorobutadiene	8.281	225	173204	44.724	ng	100
35) Caprolactam	8.598	113	78939m	49.811	ng	
36) 4-Chloro-3-methylphenol	8.716	107	285503	49.795	ng	99
37) 2-Methylnaphthalene	8.857	142	579725	49.123	ng	100
38) 1-Methylnaphthalene	8.957	142	537655	46.479	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	280232	46.551	ng	98
41) Hexachlorocyclopentadiene	9.010	237	183478	130.527	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	176300	46.672	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	190342	46.429	ng	96
46) 1,1'-Biphenyl	9.322	154	735140	47.883	ng	100
47) 2-Chloronaphthalene	9.351	162	550963	47.362	ng	98
48) 2-Nitroaniline	9.457	65	178120	47.702	ng	94
49) Acenaphthylene	9.769	152	898695	51.129	ng	100
50) Dimethylphthalate	9.622	163	666735	49.231	ng	100
51) 2,6-Dinitrotoluene	9.692	165	147007	47.862	ng	97
52) Acenaphthene	9.939	154	541239	48.463	ng	99
53) 3-Nitroaniline	9.869	138	92381	30.752	ng	94
54) 2,4-Dinitrophenol	9.986	184	138043	86.117	ng	93
55) Dibenzofuran	10.110	168	812600	47.702	ng	100
56) 4-Nitrophenol	10.051	139	172419	84.159	ng	94
57) 2,4-Dinitrotoluene	10.104	165	194358	47.613	ng	95
58) Fluorene	10.457	166	656665	48.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	157203	49.895	ng	93
60) Diethylphthalate	10.322	149	671434	48.797	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	330424	49.241	ng	98
62) 4-Nitroaniline	10.486	138	151325	48.030	ng	94
63) Azobenzene	10.604	77	632713	48.556	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	104860	50.744	ng	91
66) n-Nitrosodiphenylamine	10.563	169	580446	48.537	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	197906	47.521	ng	96
68) Hexachlorobenzene	11.004	284	226916	47.057	ng	98
69) Atrazine	11.092	200	187000	55.585	ng	100
70) Pentachlorophenol	11.210	266	165990	78.211	ng	100
71) Phenanthrene	11.422	178	956141	49.188	ng	100
72) Anthracene	11.475	178	979900	51.534	ng	100
73) Carbazole	11.633	167	897002	49.038	ng	100
74) Di-n-butylphthalate	11.945	149	1065984	50.477	ng	99
75) Fluoranthene	12.616	202	1051979	49.845	ng	100
77) Benzidine	12.733	184	268199	36.746	ng	99
78) Pyrene	12.845	202	1074327	46.284	ng	99
80) Butylbenzylphthalate	13.451	149	408053	48.800	ng	99
81) Benzo(a)anthracene	14.033	228	824884	49.639	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	175229	35.121	ng	99
83) Chrysene	14.074	228	732606	48.213	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	500011	47.356	ng	99
85) Di-n-octyl phthalate	14.633	149	708492	49.100	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	697911	49.060	ng	98
88) Benzo(b)fluoranthene	15.104	252	679909	49.589	ng	98
89) Benzo(k)fluoranthene	15.133	252	590108	49.183	ng	99
90) Benzo(a)pyrene	15.480	252	588243	52.766	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	572492	49.140	ng	100
92) Benzo(g,h,i)perylene	17.521	276	530532	44.626	ng	98

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

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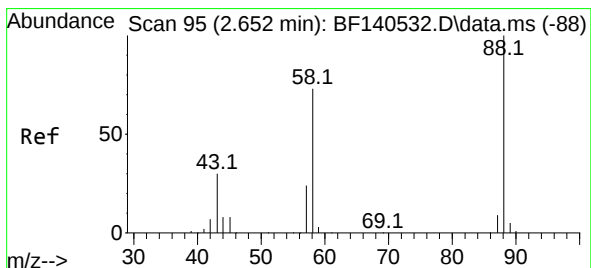
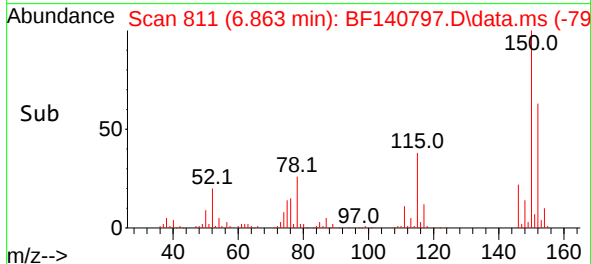
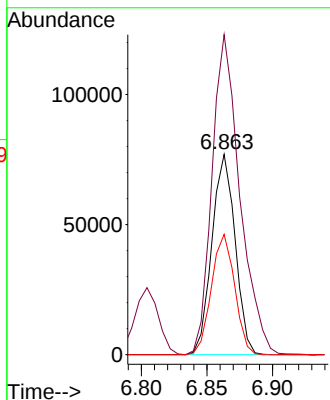
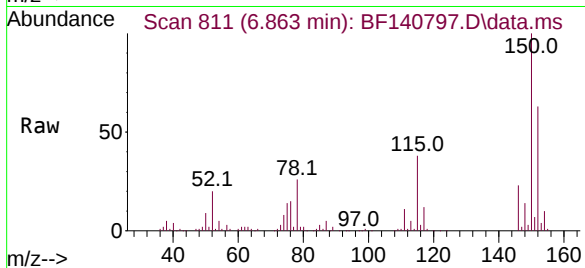




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

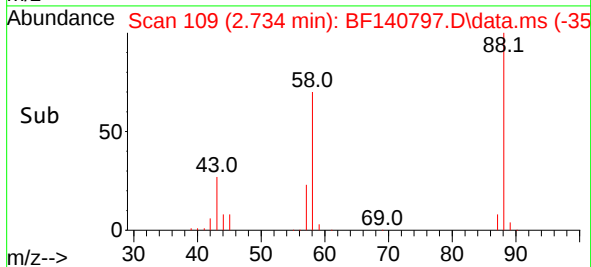
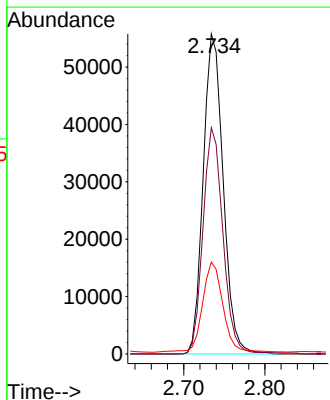
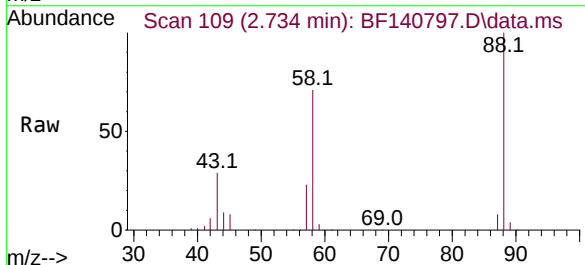
Instrument :
 BNA_F
 ClientSampleId :
 PB165477BS

Tgt Ion:152 Resp: 94940
 Ion Ratio Lower Upper
 152 100
 150 159.7 128.5 192.7
 115 60.1 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.698 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

Tgt Ion: 88 Resp: 95213
 Ion Ratio Lower Upper
 88 100
 58 70.8 57.4 86.2
 43 28.7 24.3 36.5

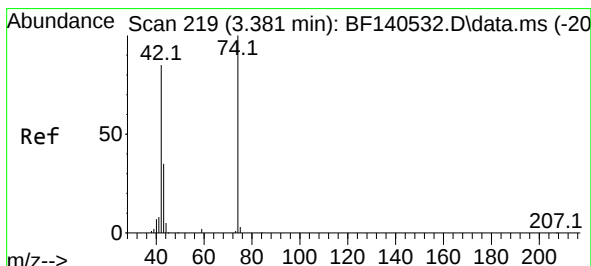
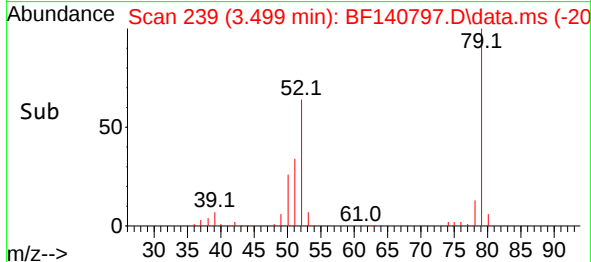
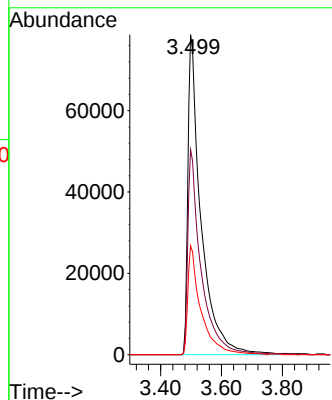
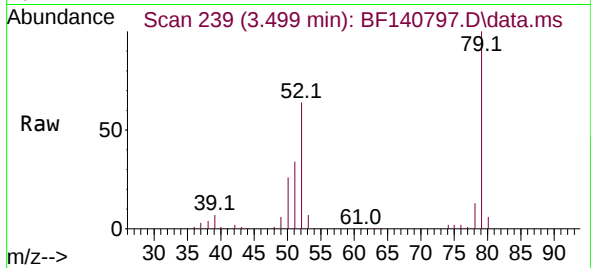




#3
Pyridine
Concen: 45.806 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

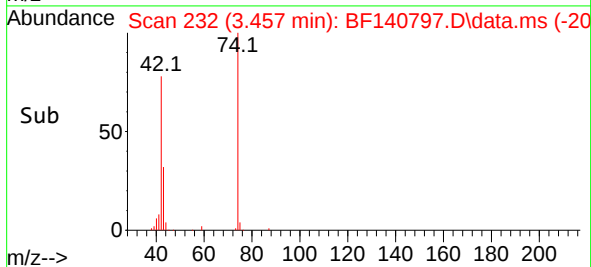
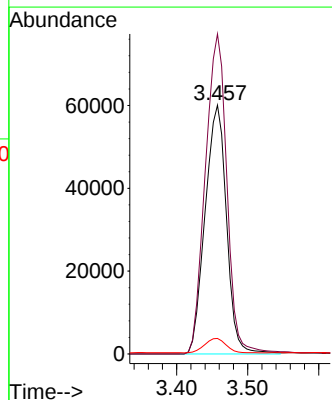
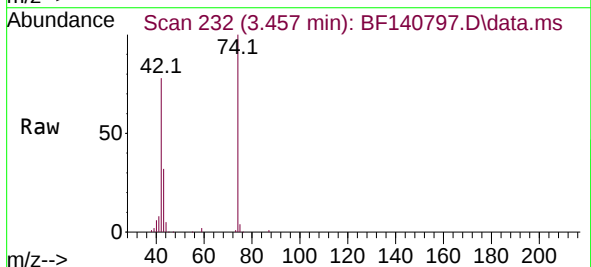
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BNA_F
ClientSampleId :
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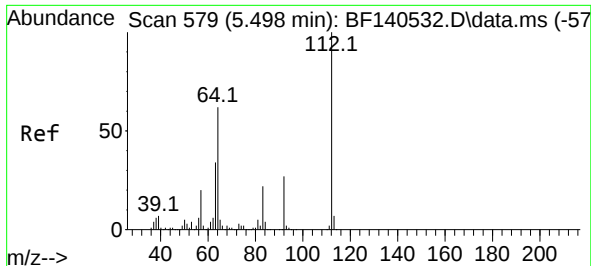
Tgt Ion: 79 Resp: 235785
Ion Ratio Lower Upper
79 100
52 64.0 52.1 78.1
51 34.0 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 41.683 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.077 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion: 42 Resp: 126107
Ion Ratio Lower Upper
42 100
74 128.6 93.8 140.6
44 6.2 4.6 6.8

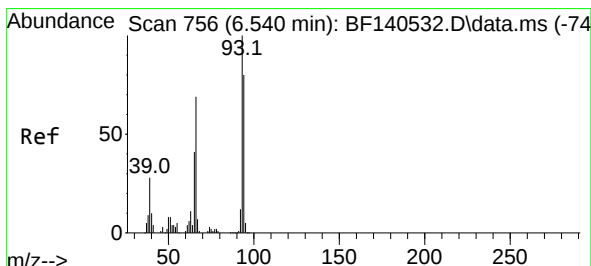
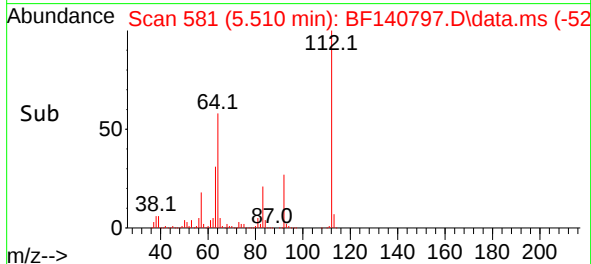
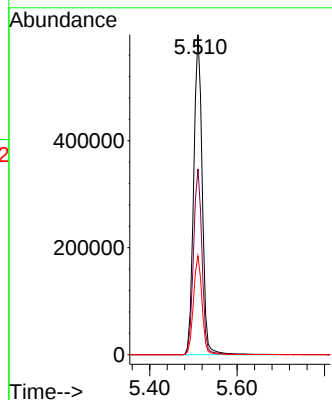
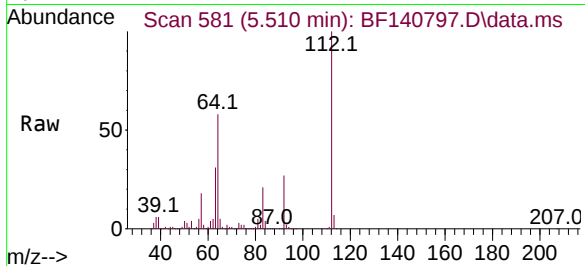




#5
2-Fluorophenol
Concen: 146.058 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

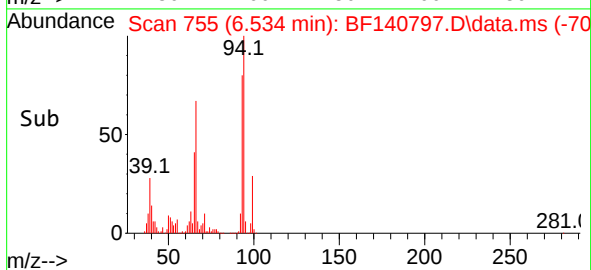
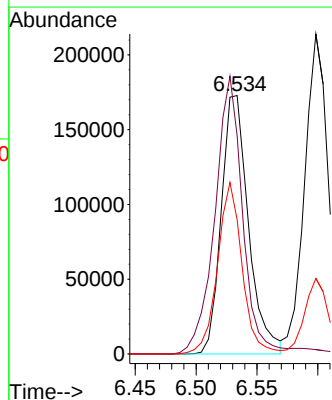
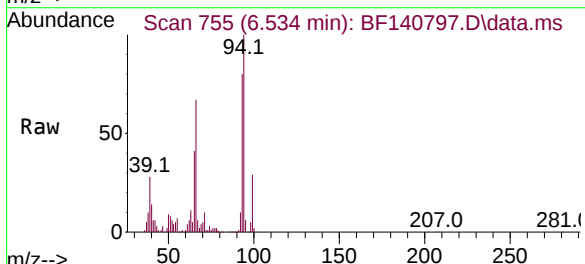
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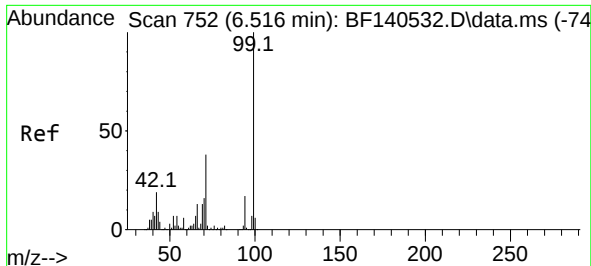
Tgt Ion:112 Resp: 812722
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 30.9 27.0 40.4



#6
Aniline
Concen: 51.955 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion: 93 Resp: 269011
Ion Ratio Lower Upper
93 100
66 84.4 56.5 84.7
65 51.8 32.9 49.3

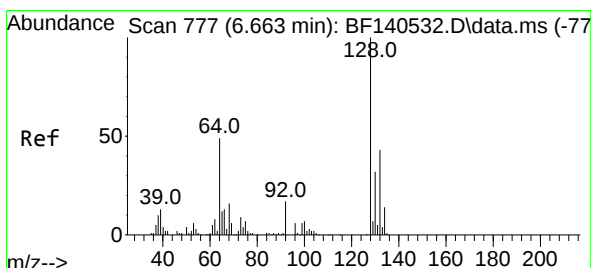
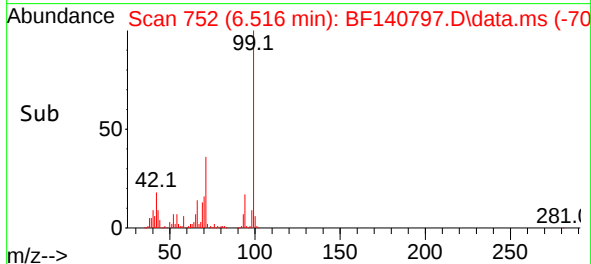
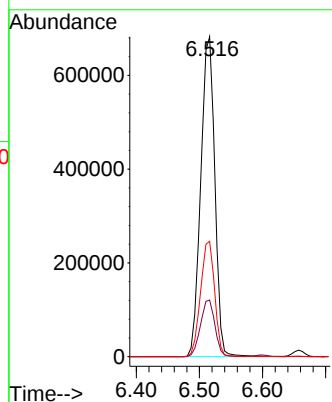
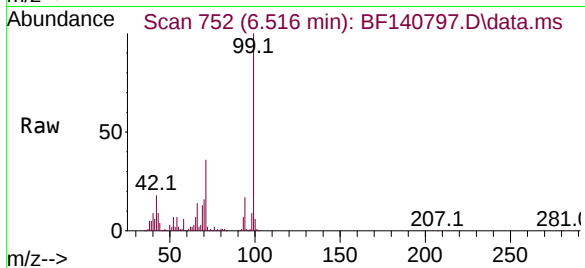




#7
Phenol-d6
Concen: 143.695 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

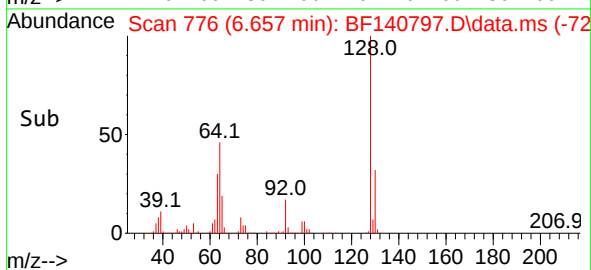
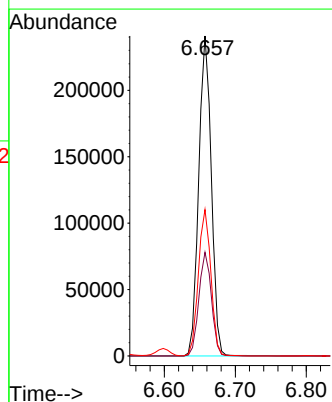
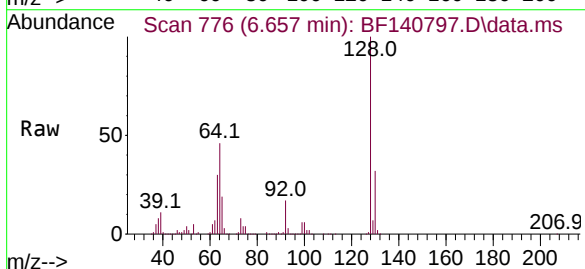
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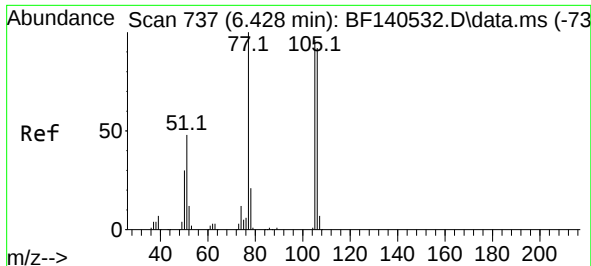
Tgt Ion: 99 Resp: 1057055
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 49.756 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140797.D
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Tgt Ion:128 Resp: 297862
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.7 30.2 70.2

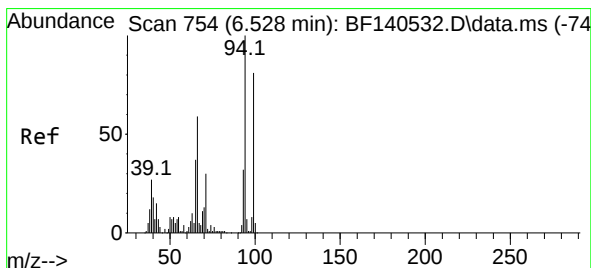
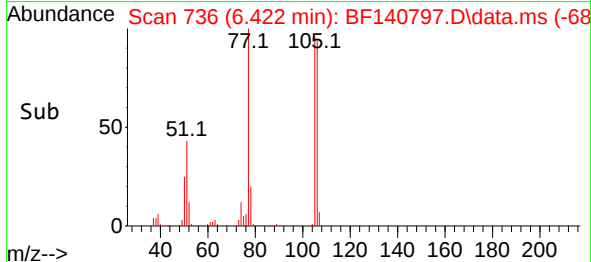
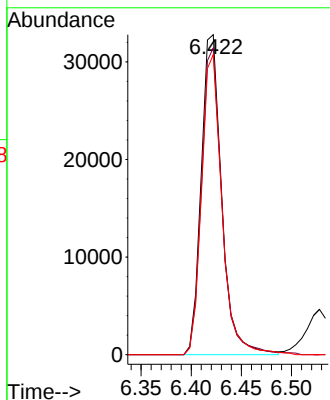
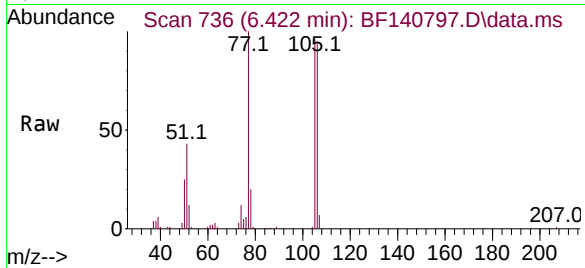




#9
Benzaldehyde
Concen: 12.054 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

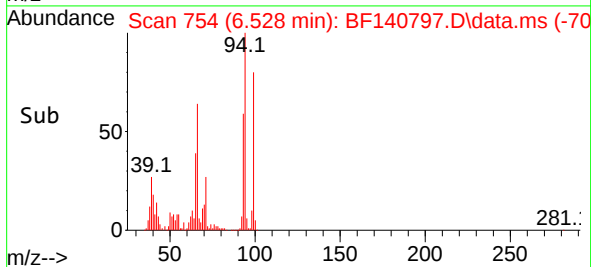
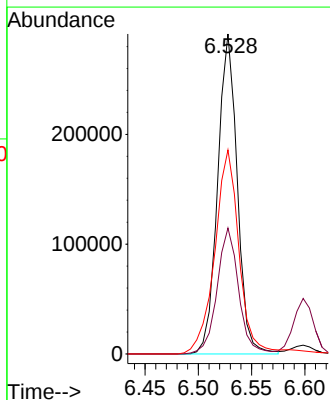
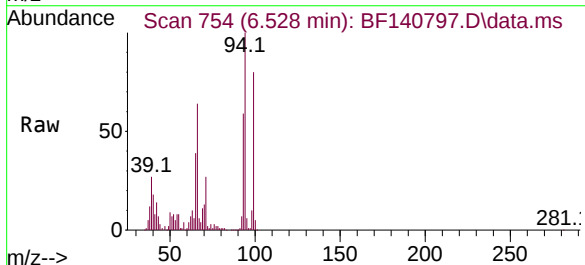
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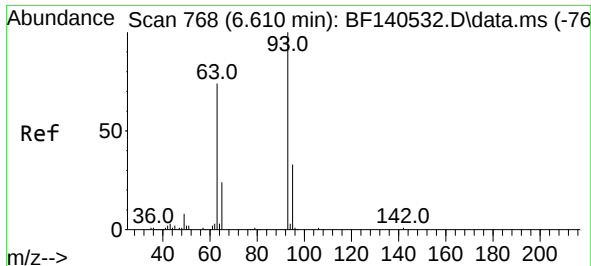
Tgt Ion: 77 Resp: 46943
Ion Ratio Lower Upper
77 100
105 95.9 75.6 115.6
106 93.7 72.0 112.0



#10
Phenol
Concen: 49.588 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion: 94 Resp: 372531
Ion Ratio Lower Upper
94 100
65 39.4 17.2 57.2
66 63.7 39.2 79.2

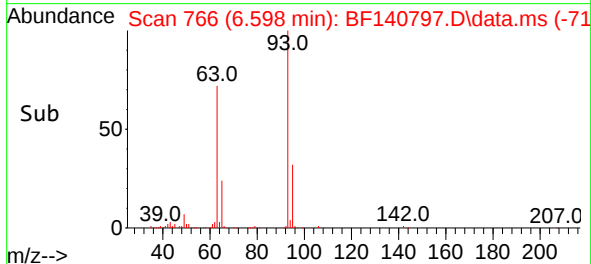
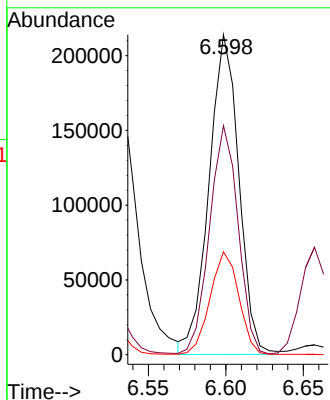
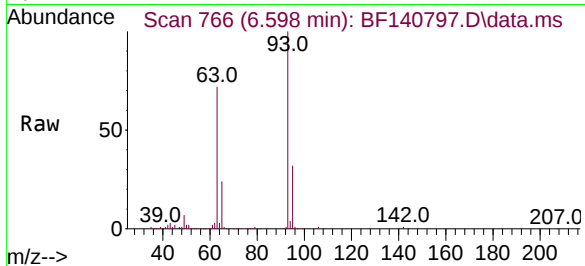




#11
bis(2-Chloroethyl)ether
Concen: 49.720 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

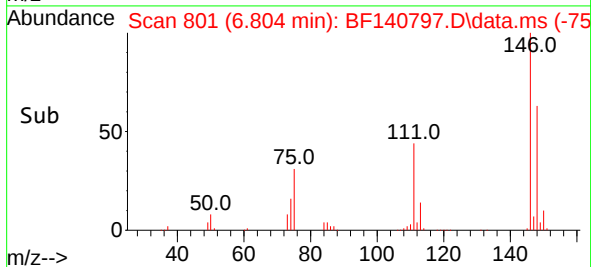
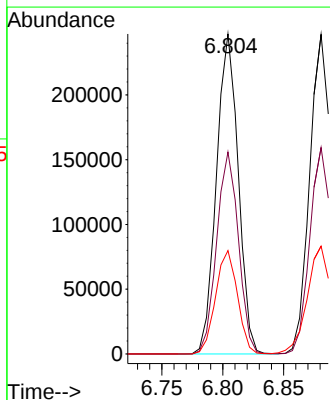
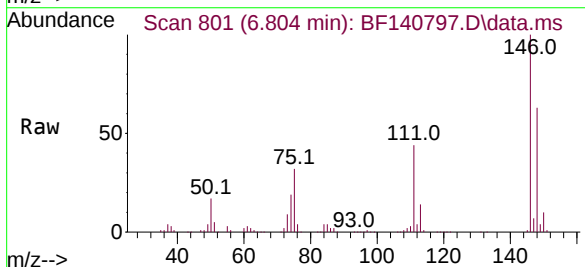
Instrument :
BNA_F
ClientSampleId :
PB165477BS

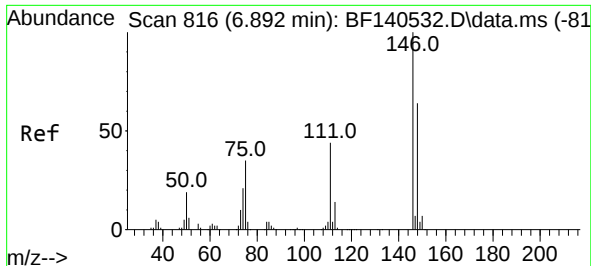
Tgt Ion: 93 Resp: 285832
Ion Ratio Lower Upper
93 100
63 71.6 52.8 92.8
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.825 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion: 146 Resp: 308248
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 32.3 28.2 42.2

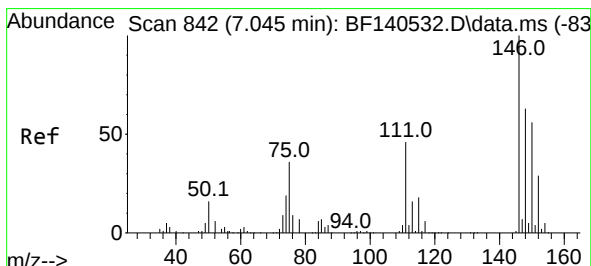
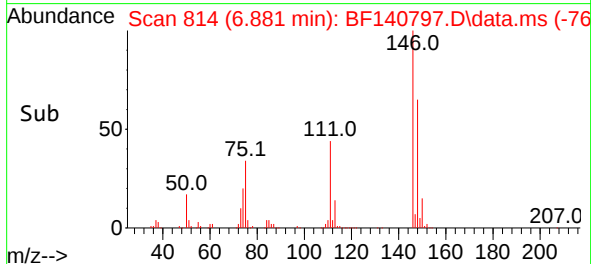
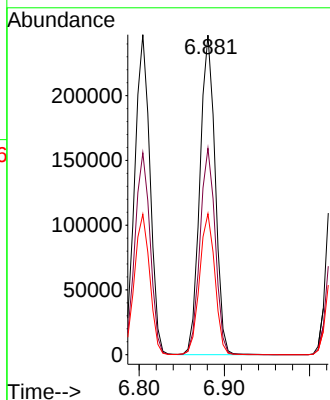
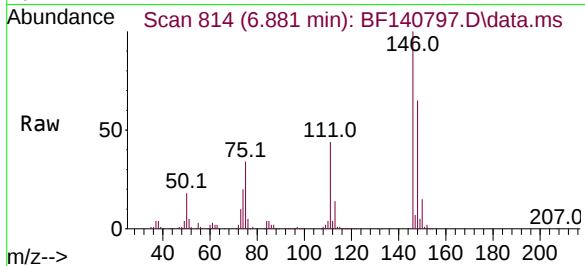




#13
 1,4-Dichlorobenzene
 Concen: 45.154 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

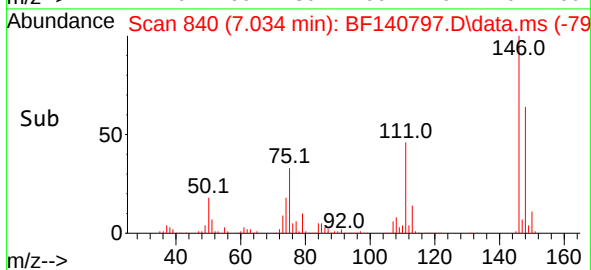
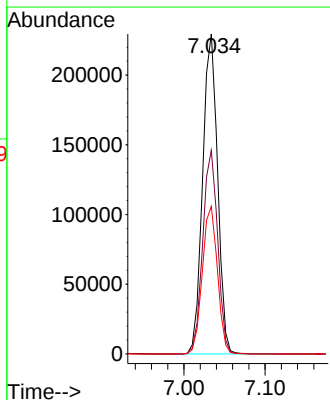
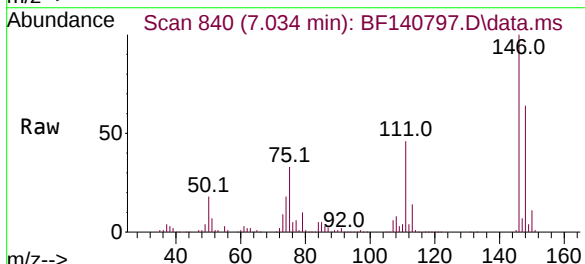
Instrument :
 BNA_F
 ClientSampleId :
 PB165477BS

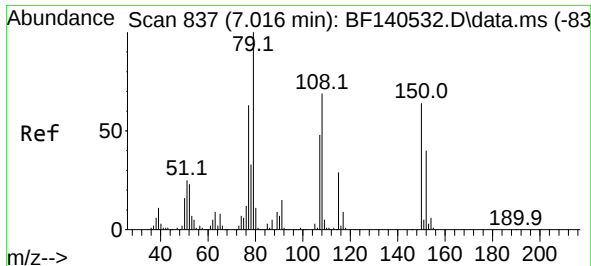
Tgt Ion:146 Resp: 307545
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 44.1 35.3 52.9



#14
 1,2-Dichlorobenzene
 Concen: 45.948 ng
 RT: 7.034 min Scan# 840
 Delta R.T. -0.012 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

Tgt Ion:146 Resp: 293247
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.5 75.7
 111 46.1 36.7 55.1

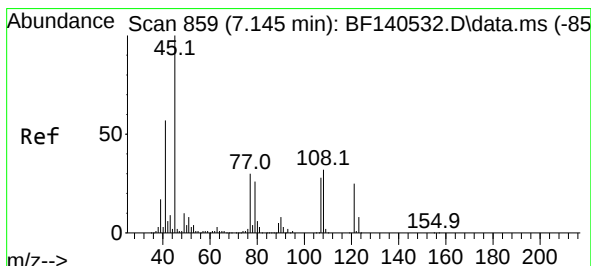
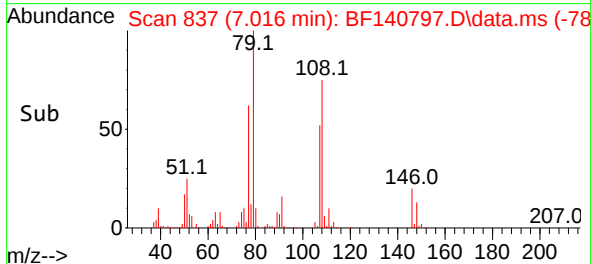
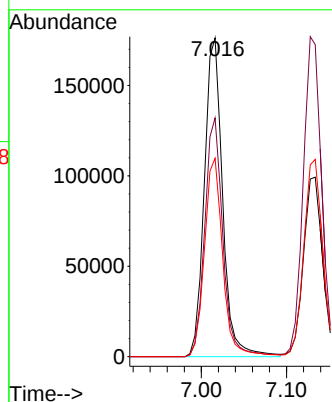
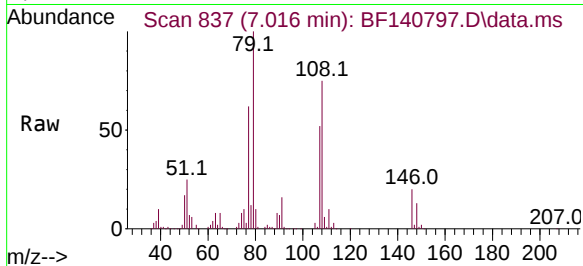




#15
Benzyl Alcohol
Concen: 48.123 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

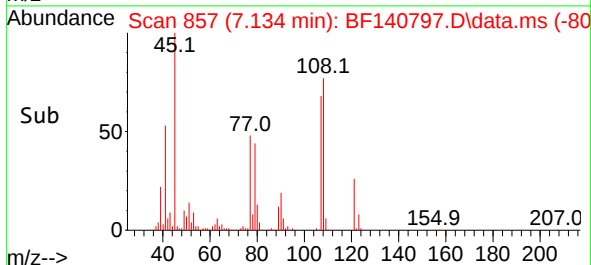
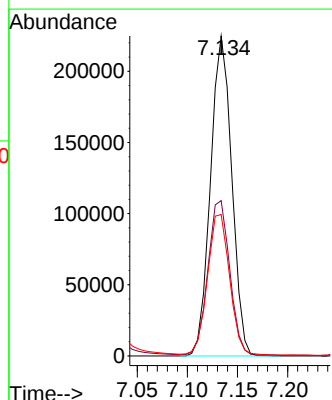
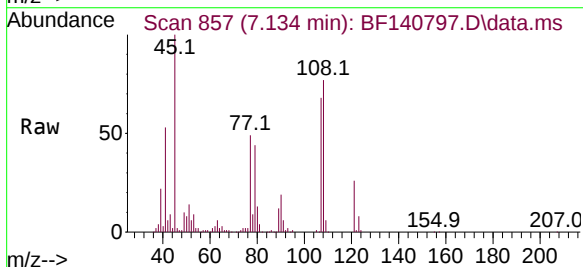
Instrument :
BNA_F
ClientSampleId :
PB165477BS

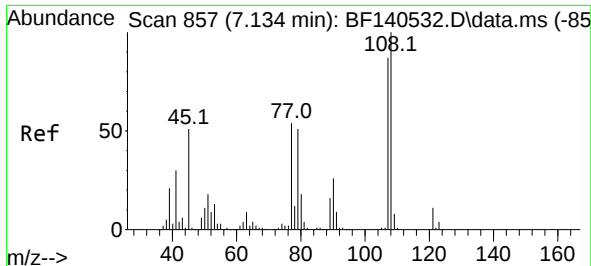
Tgt Ion: 79 Resp: 262528
Ion Ratio Lower Upper
79 100
108 74.9 55.0 82.6
77 62.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.841 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

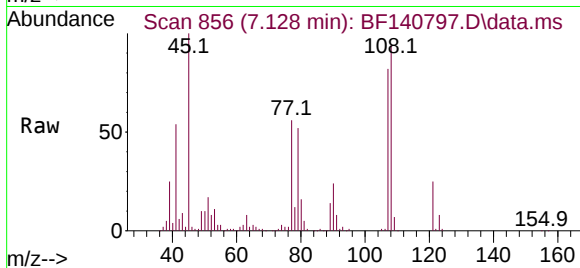
Tgt Ion: 45 Resp: 331709
Ion Ratio Lower Upper
45 100
77 48.5 10.7 50.7
79 44.2 7.0 47.0



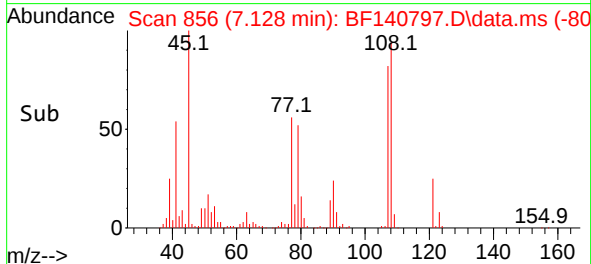
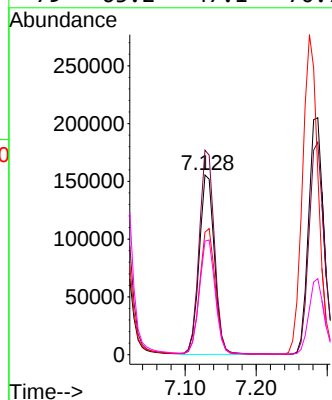


#17
2-Methylphenol
Concen: 48.670 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

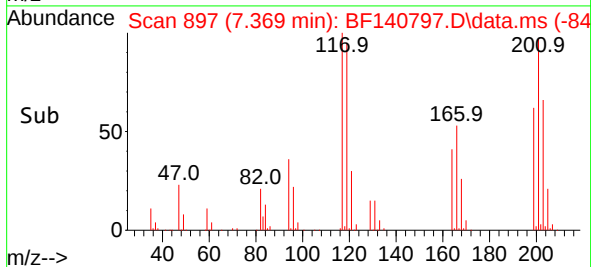
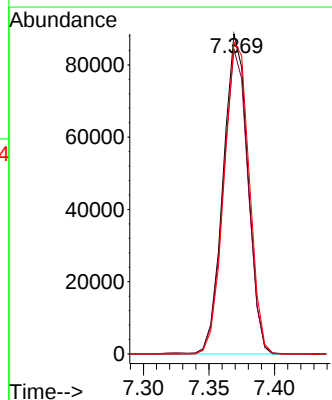
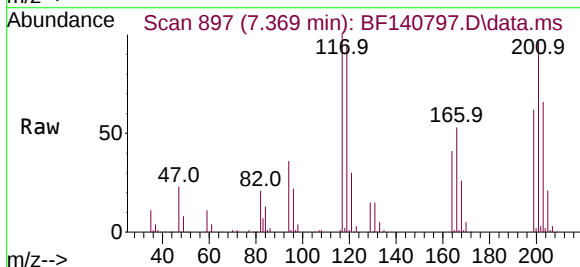


Tgt Ion:	107	Resp:	233229
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	68.3	49.3	73.9
79	63.2	47.1	70.7



#18
Hexachloroethane
Concen: 45.415 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

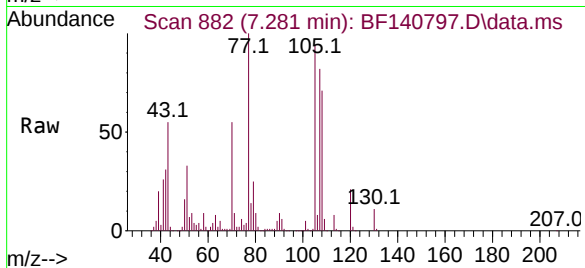
Tgt Ion:	117	Resp:	115528
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.1	115.7
201	97.4	81.1	121.7



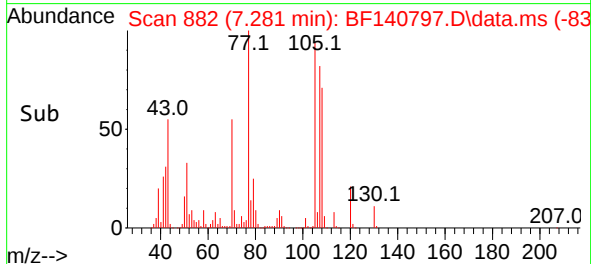
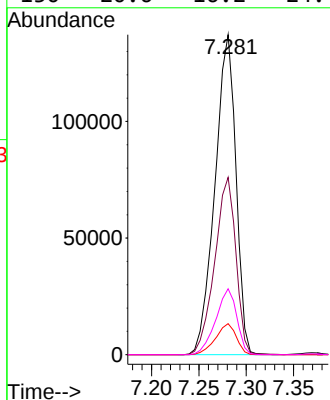


#19
n-Nitroso-di-n-propylamine
Concen: 48.713 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

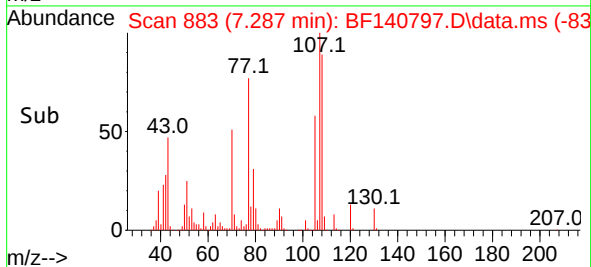
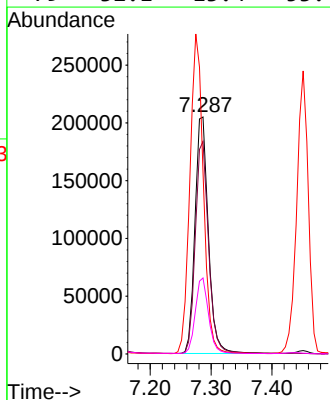
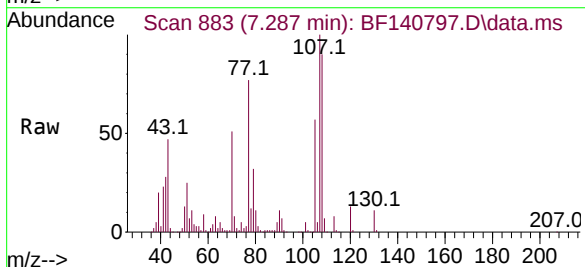


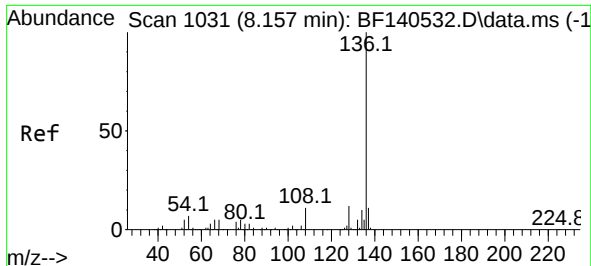
Tgt Ion:	70	Resp:	211782
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.6	71.4
101	9.7	7.6	11.4
130	20.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 50.781 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:	107	Resp:	312786
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	76.9	117.7	157.7#
79	32.1	13.4	53.4

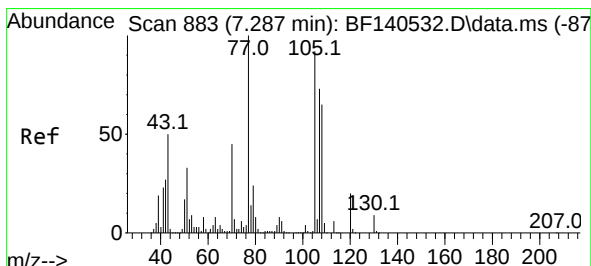
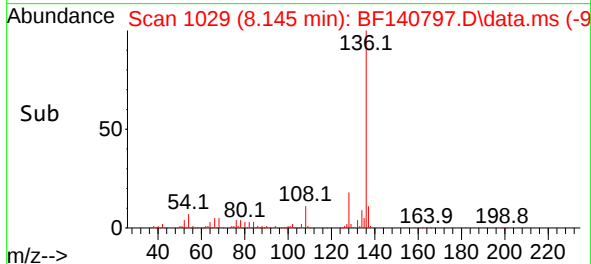
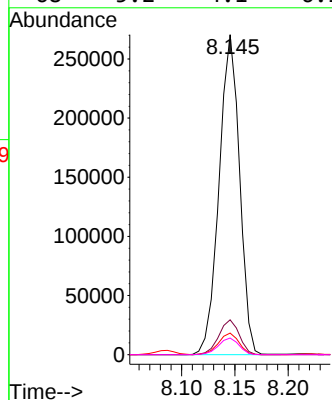
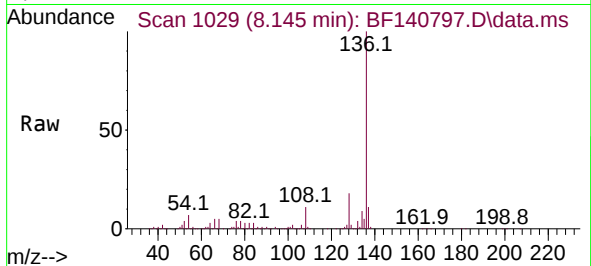




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

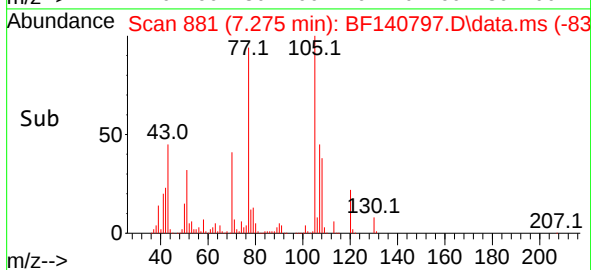
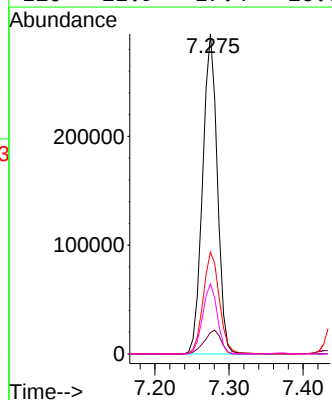
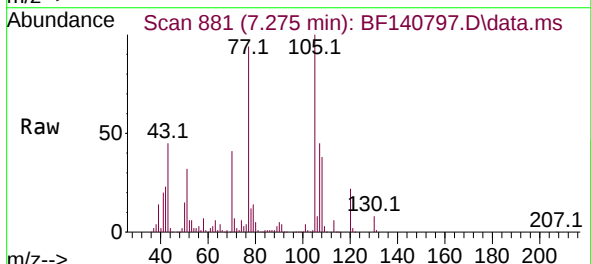
Instrument :
BNA_F
ClientSampleId :
PB165477BS

Tgt Ion:136 Resp: 360720
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.8 5.8 8.8
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 46.107 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:105 Resp: 405475
Ion Ratio Lower Upper
105 100
71 6.7 6.2 9.2
51 31.8 29.0 43.6
120 21.9 17.4 26.0

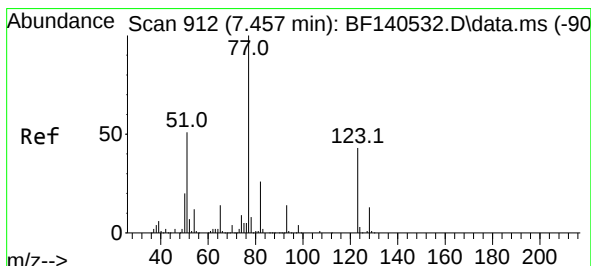
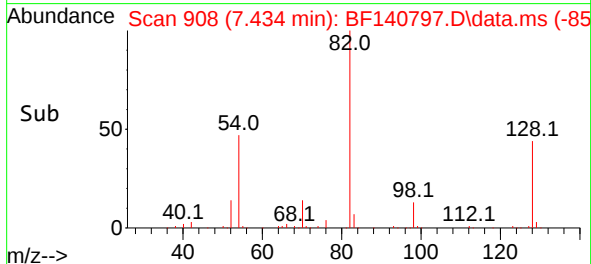
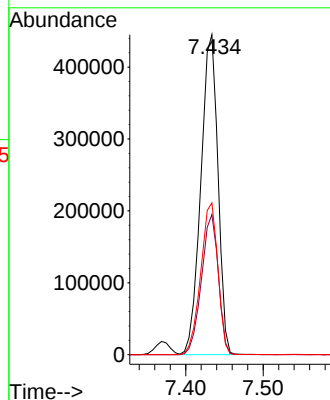
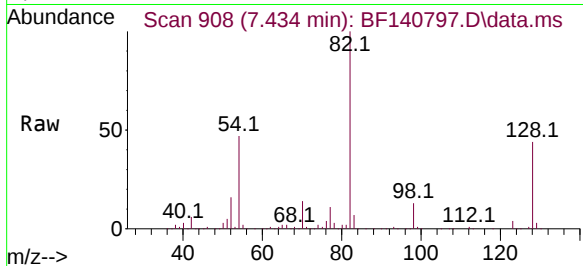




#23
 Nitrobenzene-d5
 Concen: 96.577 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

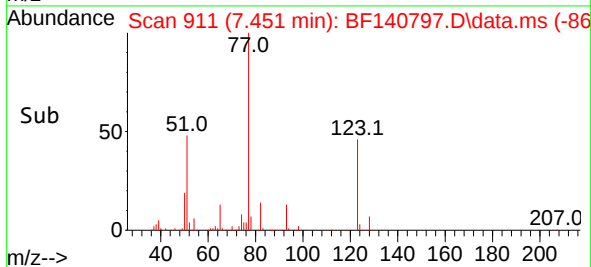
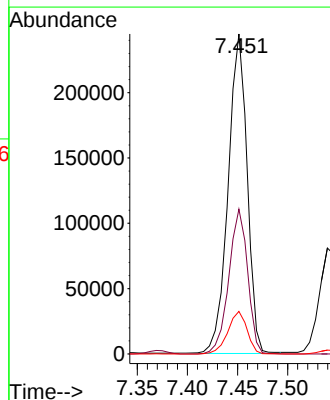
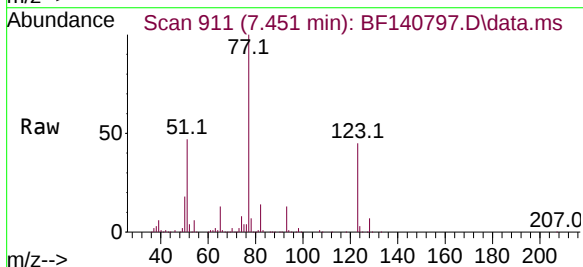
Instrument :
 BNA_F
 ClientSampleId :
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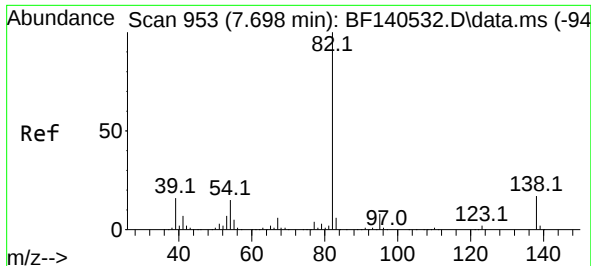
Tgt Ion: 82 Resp: 681078
 Ion Ratio Lower Upper
 82 100
 128 43.8 33.0 49.4
 54 47.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 44.402 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

Tgt Ion: 77 Resp: 323632
 Ion Ratio Lower Upper
 77 100
 123 45.2 34.3 51.5
 65 13.3 11.2 16.8

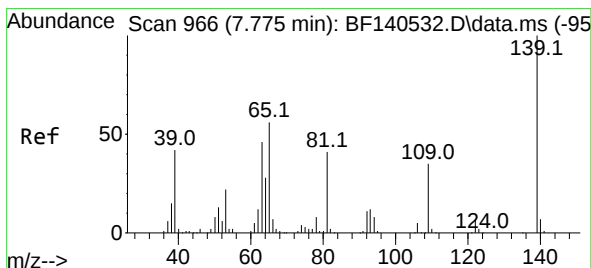
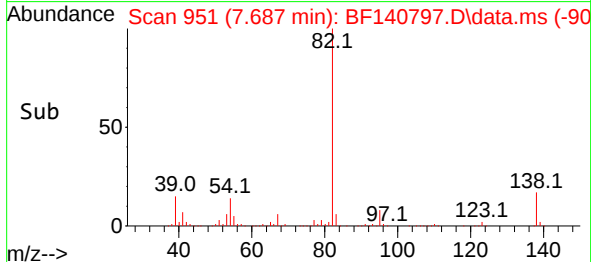
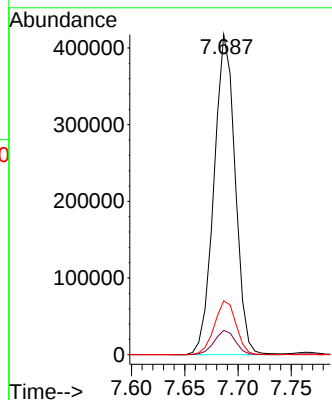
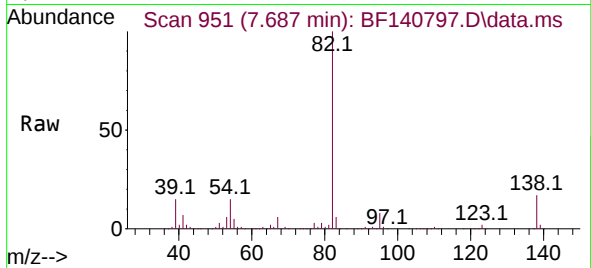




#25
Isophorone
Concen: 49.072 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

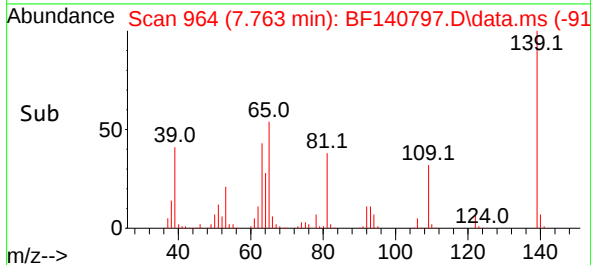
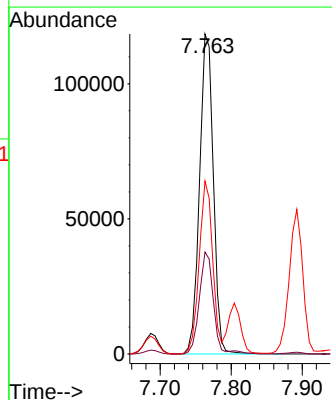
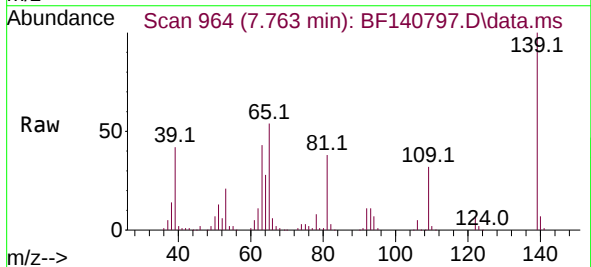
Instrument :
BNA_F
ClientSampleId :
PB165477BS

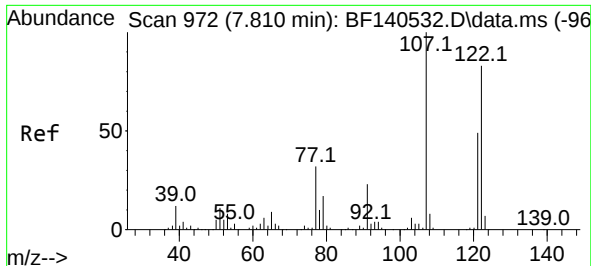
Tgt Ion: 82 Resp: 577202
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 49.695 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:139 Resp: 160513
Ion Ratio Lower Upper
139 100
109 31.9 28.0 42.0
65 54.0 44.6 67.0

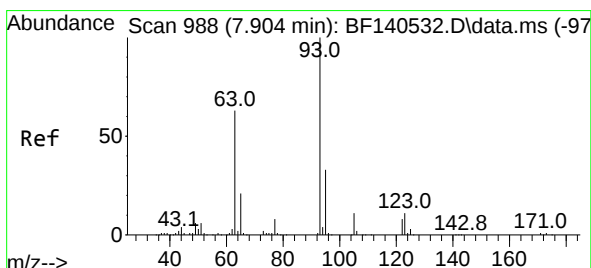
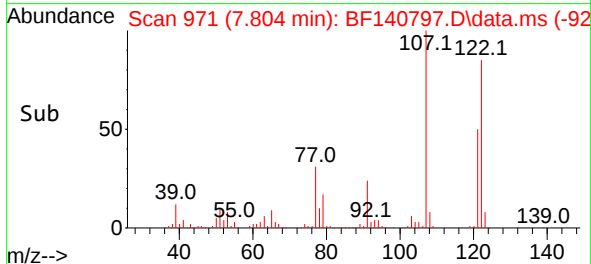
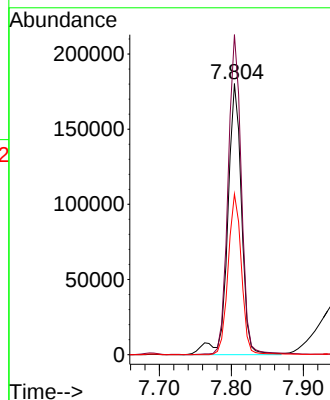
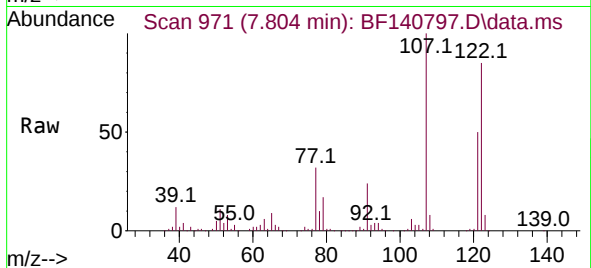




#27
2,4-Dimethylphenol
Concen: 62.285 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

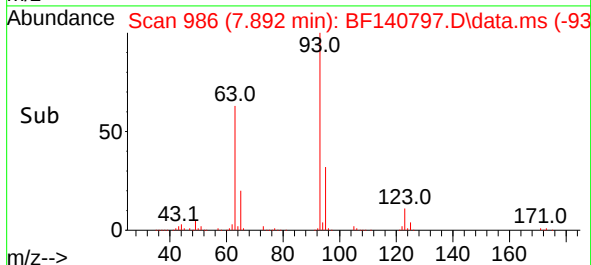
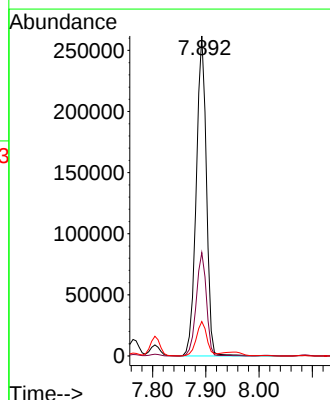
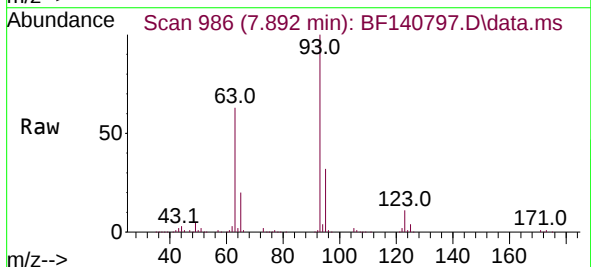
Instrument :
BNA_F
ClientSampleId :
PB165477BS

Tgt Ion:122 Resp: 240709
Ion Ratio Lower Upper
122 100
107 118.1 96.8 145.2
121 59.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.555 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion: 93 Resp: 347931
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.319 ng

RT: 8.016 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

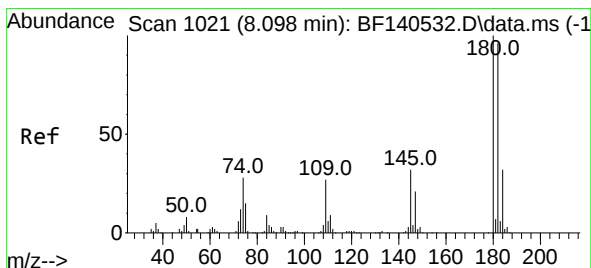
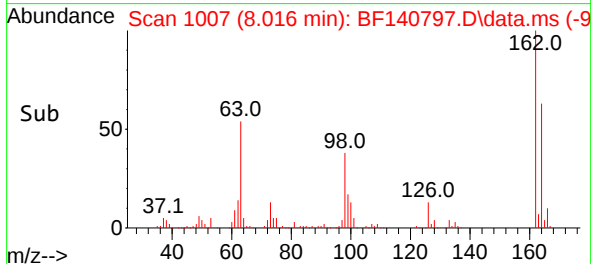
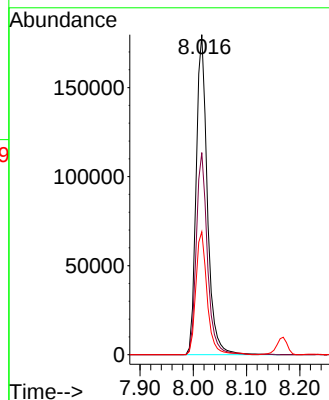
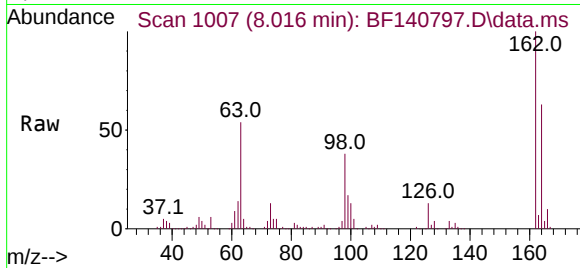
Tgt Ion:162 Resp: 262798

Ion Ratio Lower Upper

162 100

164 63.1 44.8 84.8

98 38.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.194 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

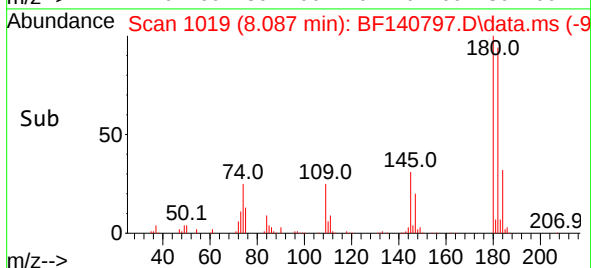
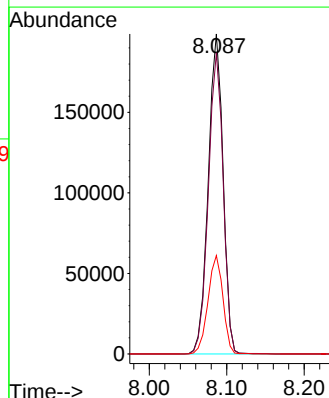
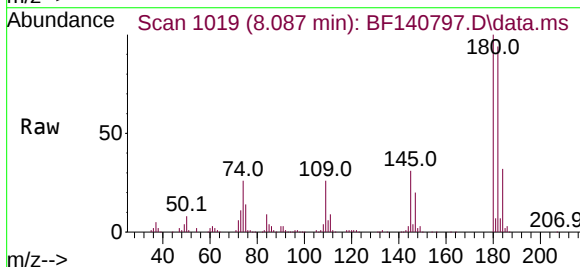
Tgt Ion:180 Resp: 264244

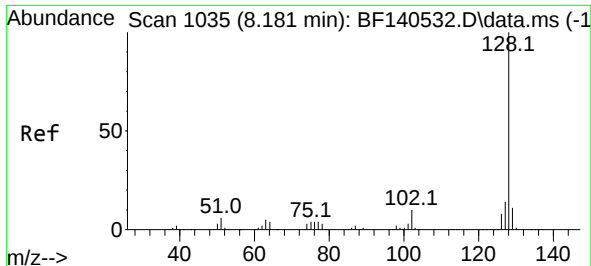
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 30.8 25.9 38.9

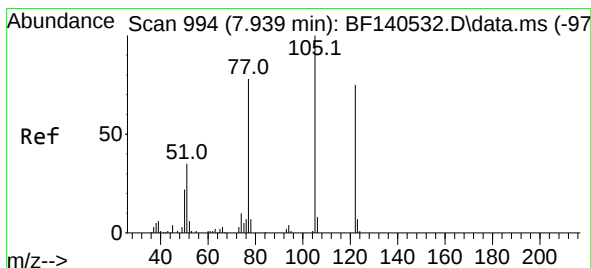
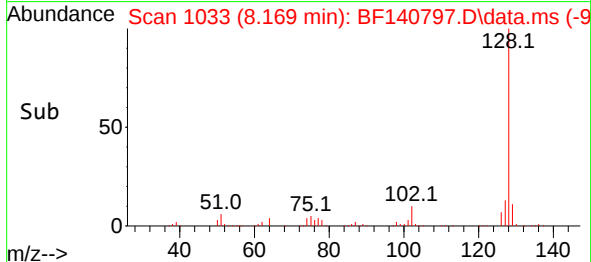
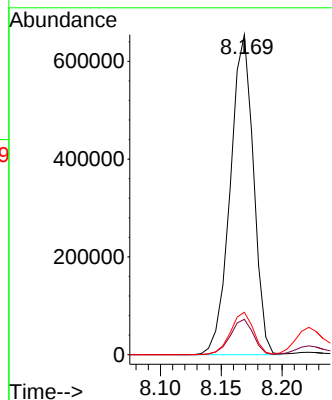
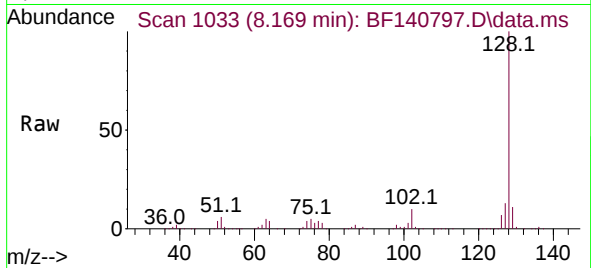




#31
Naphthalene
Concen: 46.777 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

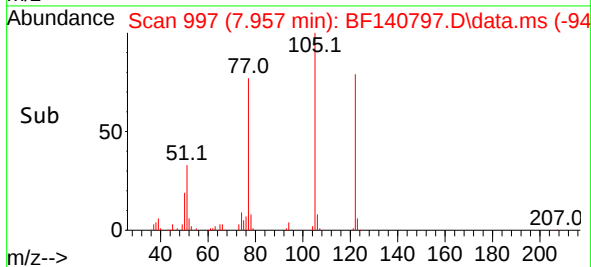
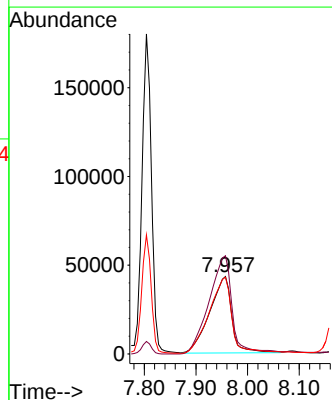
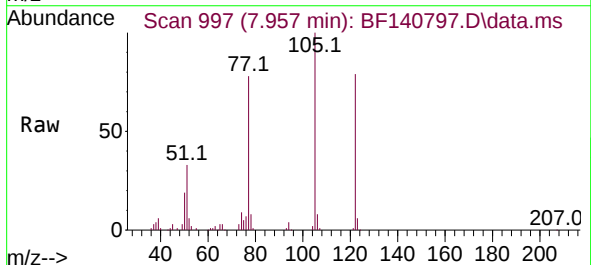
Instrument :
BNA_F
ClientSampleId :
PB165477BS

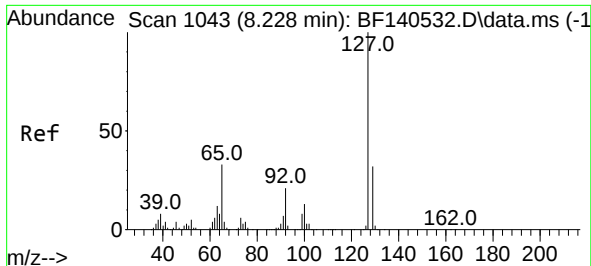
Tgt Ion:128 Resp: 869123
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 39.633 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:122 Resp: 128329
Ion Ratio Lower Upper
122 100
105 127.0 109.3 149.3
77 99.2 82.3 122.3

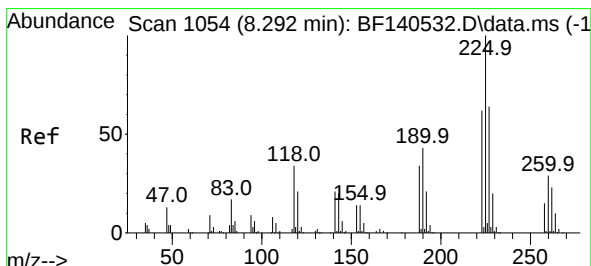
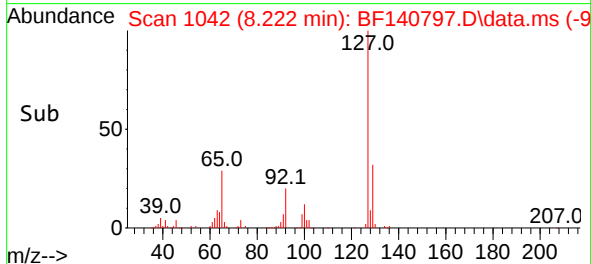
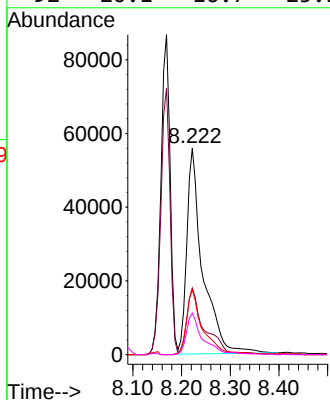
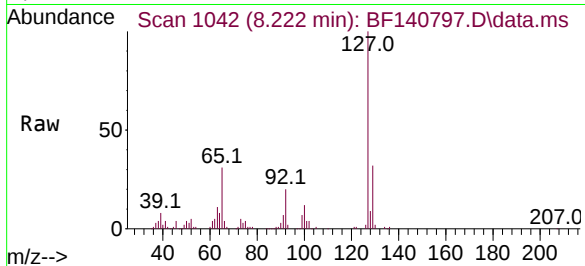




#33
4-Chloroaniline
Concen: 22.802 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

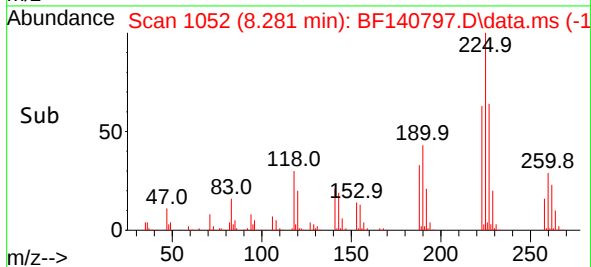
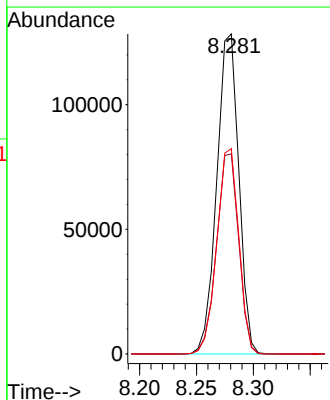
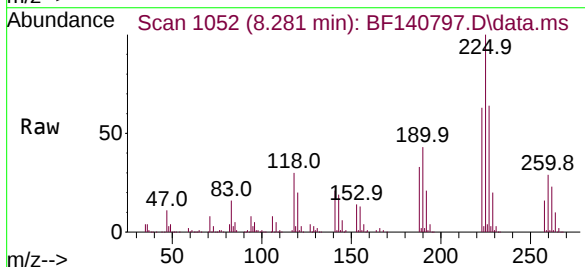
Instrument :
BNA_F
ClientSampleId :
PB165477BS

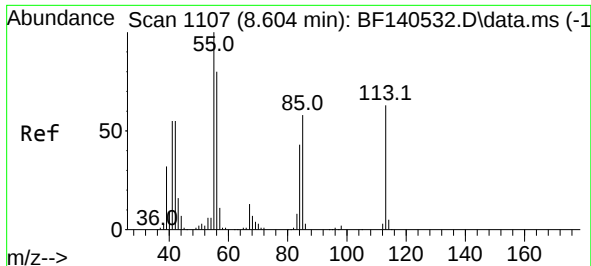
Tgt Ion:127	Resp:	126846
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.0 39.0
65	31.4	26.0 39.0
92	20.1	16.7 25.1



#34
Hexachlorobutadiene
Concen: 44.724 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:225	Resp:	173204
Ion	Ratio	Lower Upper
225	100	
223	62.5	49.8 74.8
227	64.2	51.3 76.9

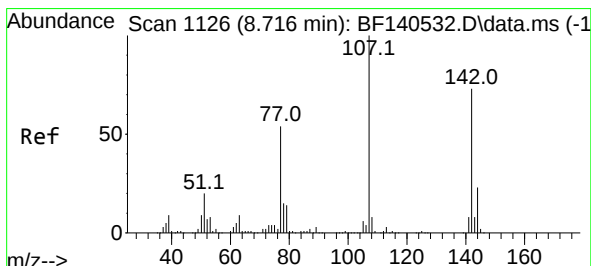
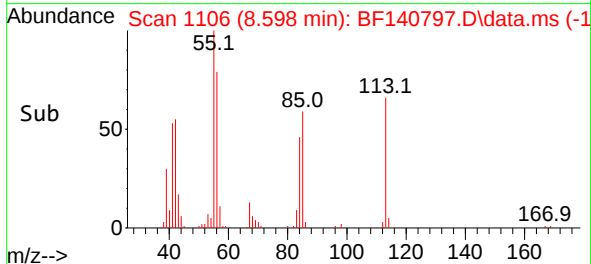
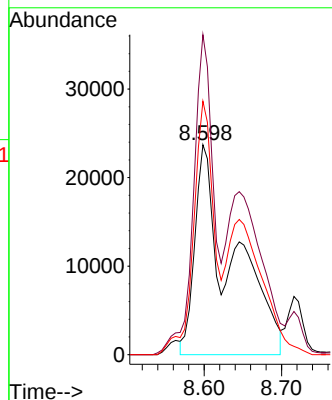
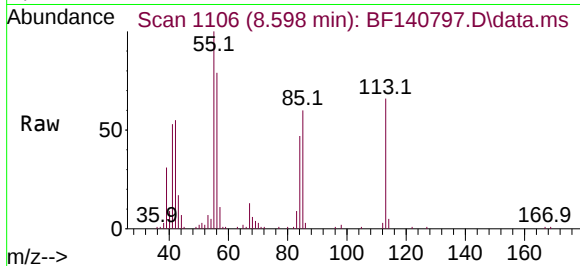




#35
 Caprolactam
 Concen: 49.811 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

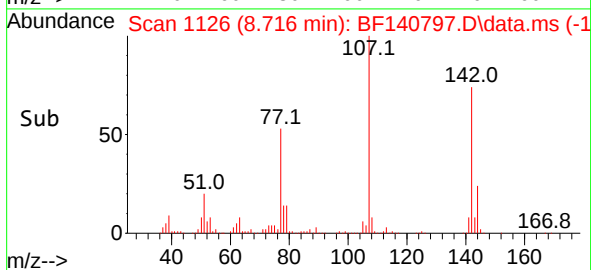
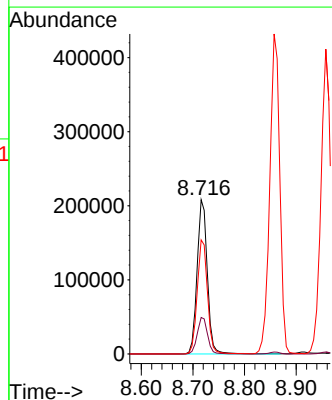
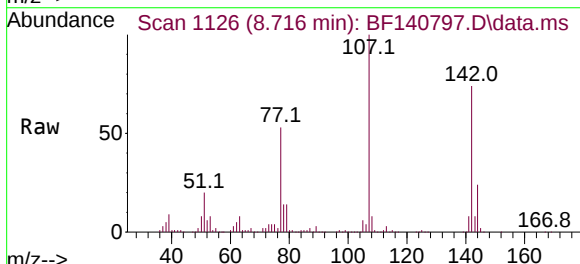
Instrument :
 BNA_F
 ClientSampleId :
 PB165477BS

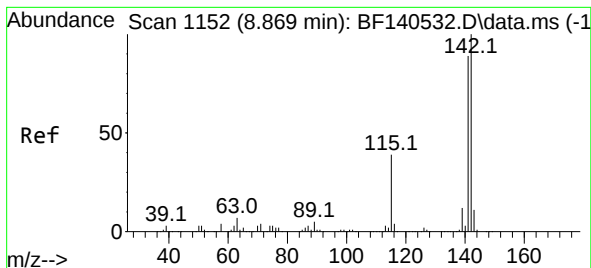
Tgt Ion:113 Resp: 78939
 Ion Ratio Lower Upper
 113 100
 55 152.4 137.7 177.7
 56 120.7 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.795 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140797.D
 Acq: 10 Dec 2024 10:57

Tgt Ion:107 Resp: 285503
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.7 28.1
 142 74.0 58.3 87.5

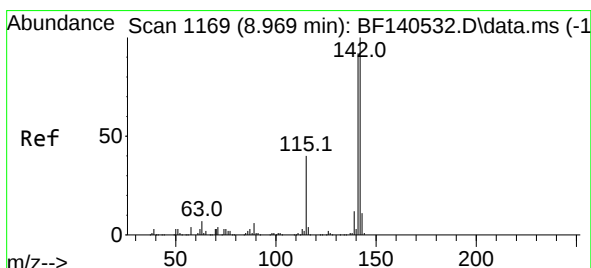
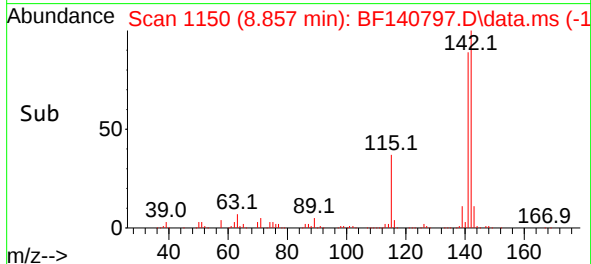
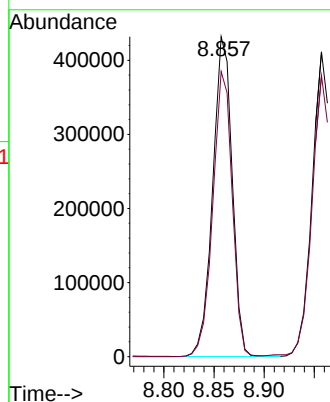
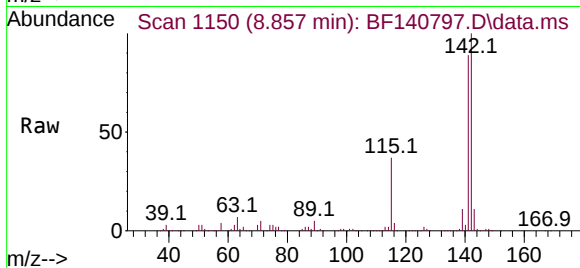




#37
2-Methylnaphthalene
Concen: 49.123 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

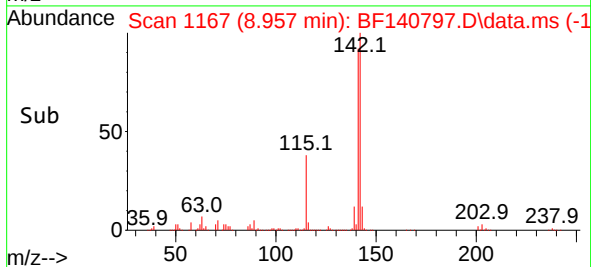
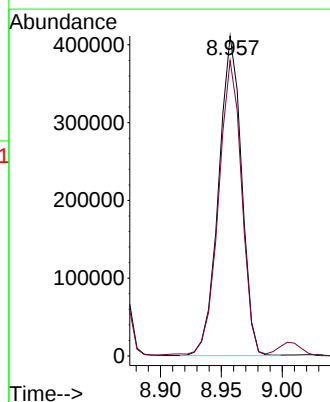
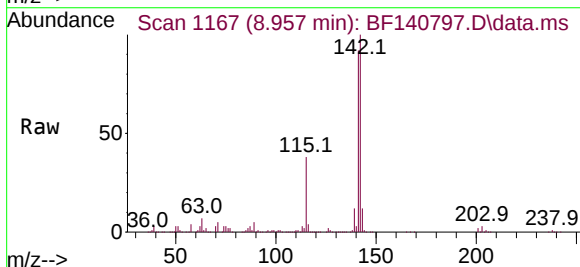
Instrument :
BNA_F
ClientSampleId :
PB165477BS

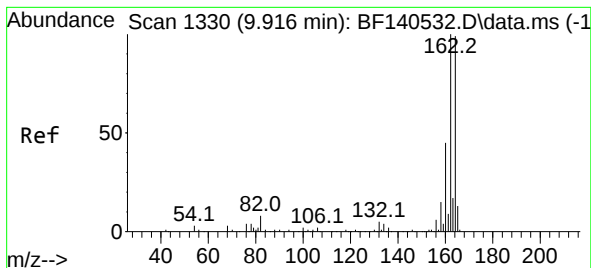
Tgt Ion:142 Resp: 579725
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.479 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:142 Resp: 537655
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

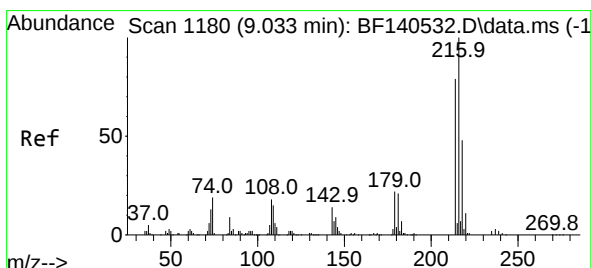
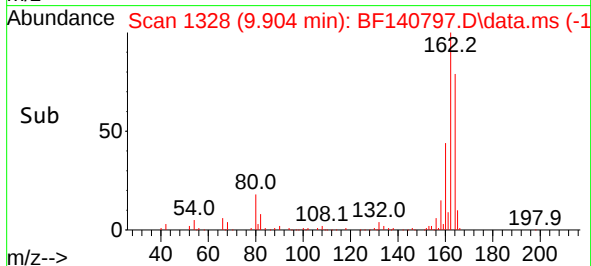
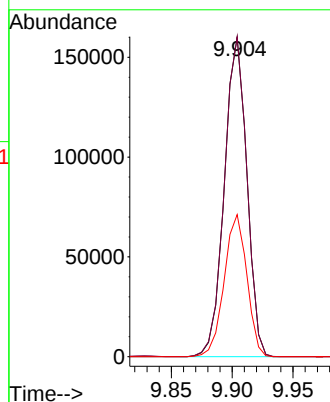
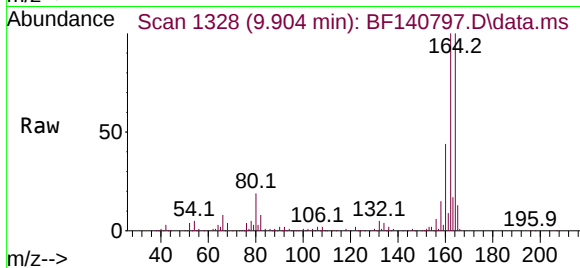
Tgt Ion:164 Resp: 205633

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.551 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Tgt Ion:216 Resp: 280232

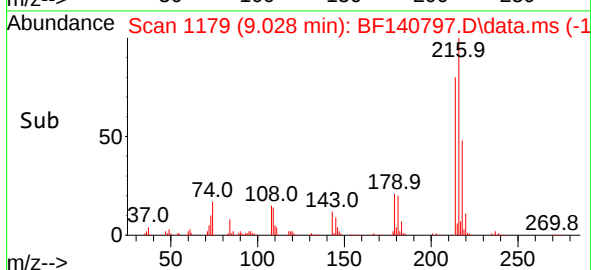
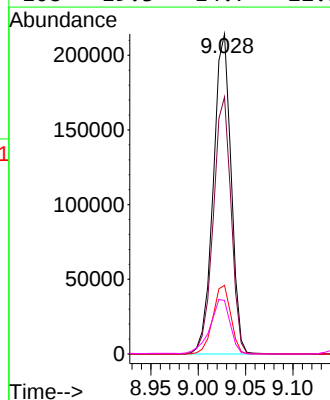
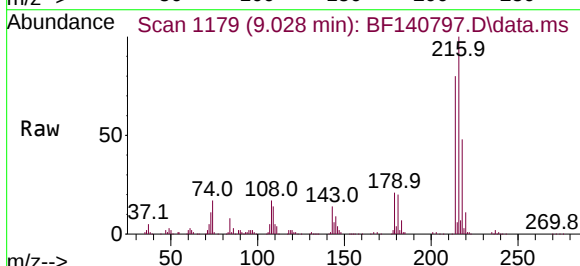
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 21.5 17.5 26.3

108 19.3 14.7 22.1

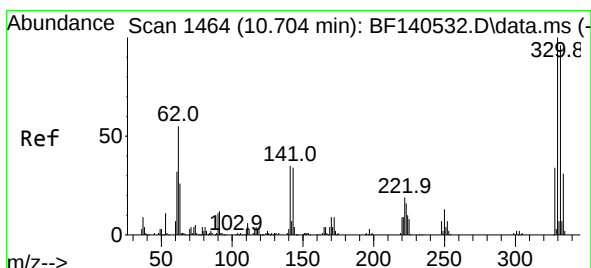
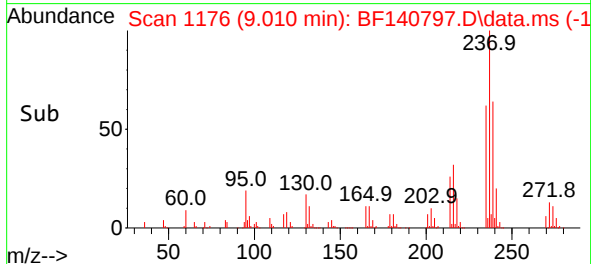
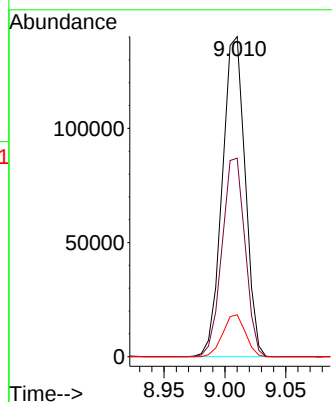
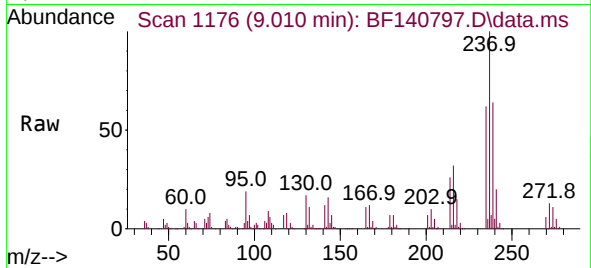




#41
Hexachlorocyclopentadiene
Concen: 130.527 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

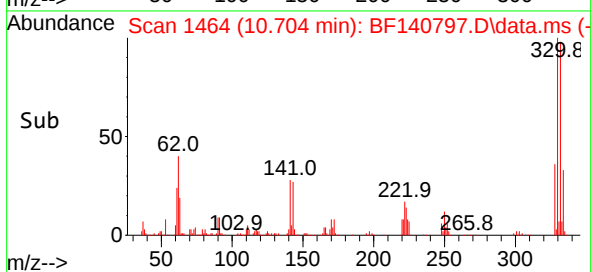
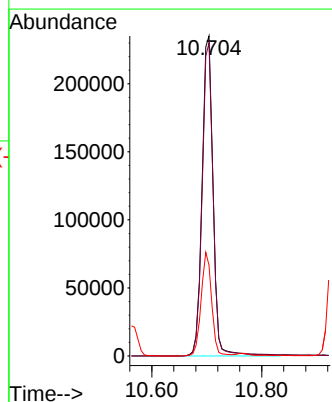
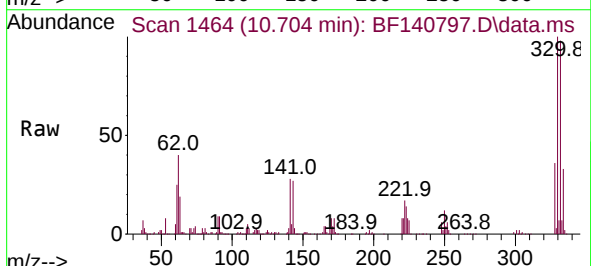
Instrument :
BNA_F
ClientSampleId :
PB165477BS

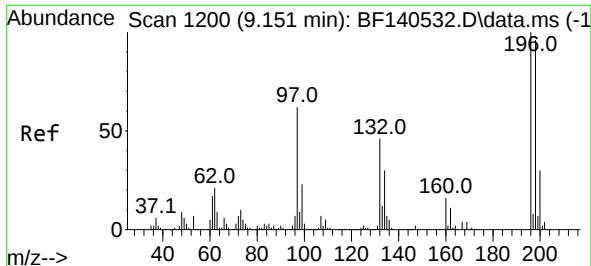
Tgt Ion:237 Resp: 183478
Ion Ratio Lower Upper
237 100
235 62.0 41.1 81.1
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 149.146 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:330 Resp: 328010
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 31.0 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 46.672 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

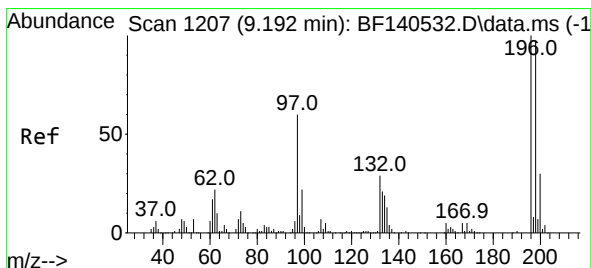
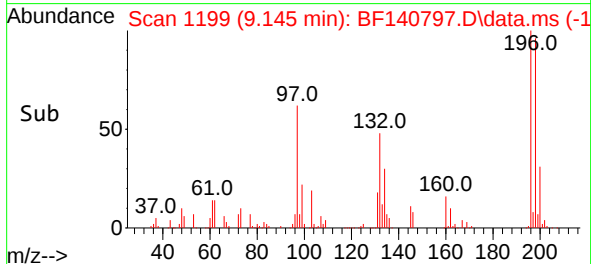
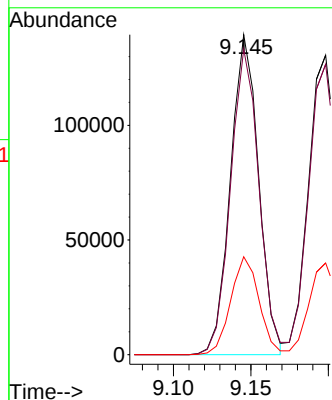
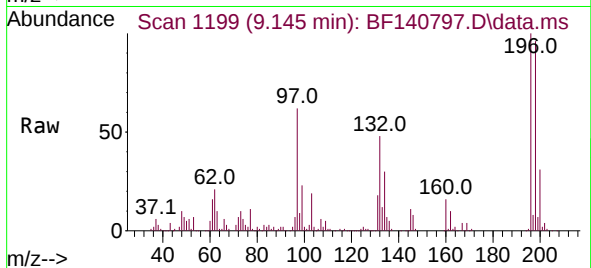
Tgt Ion:196 Resp: 176300

Ion Ratio Lower Upper

196 100

198 95.5 76.8 115.2

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.429 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Tgt Ion:196 Resp: 190342

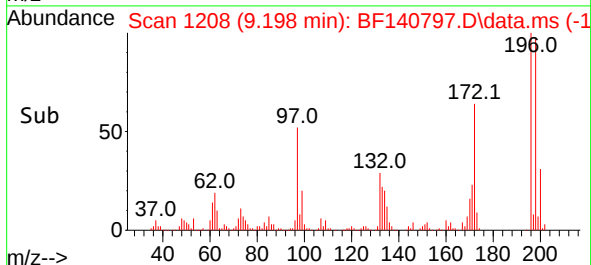
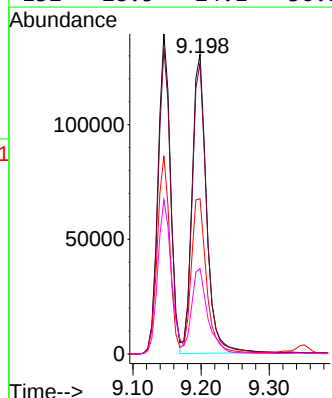
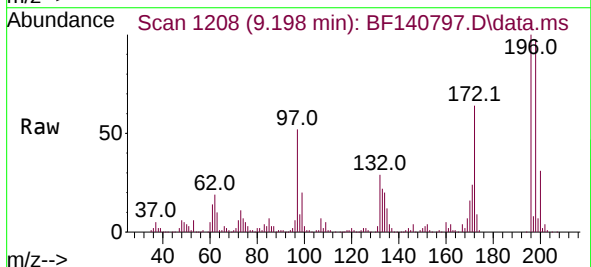
Ion Ratio Lower Upper

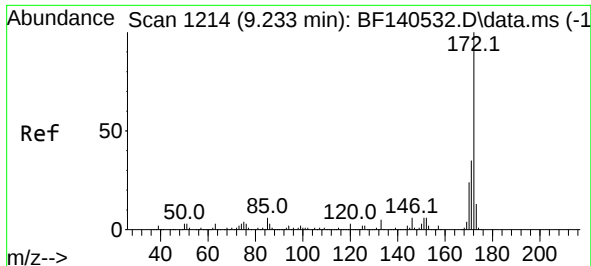
196 100

198 97.0 77.2 115.8

97 51.8 47.1 70.7

132 28.5 24.1 36.1

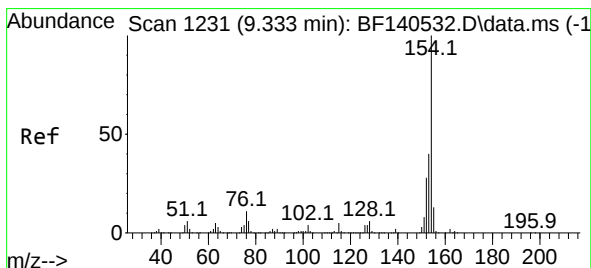
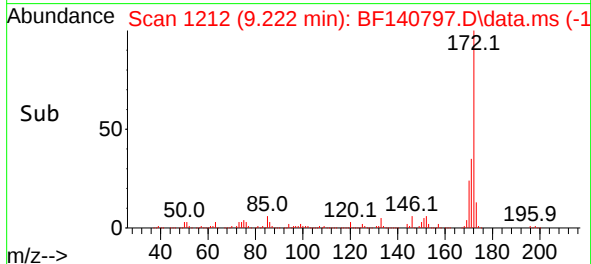
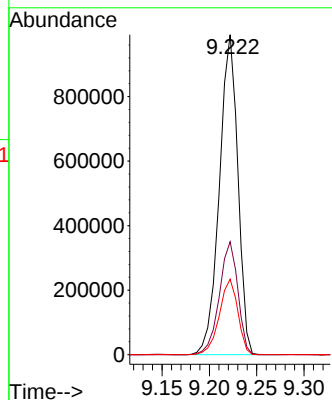
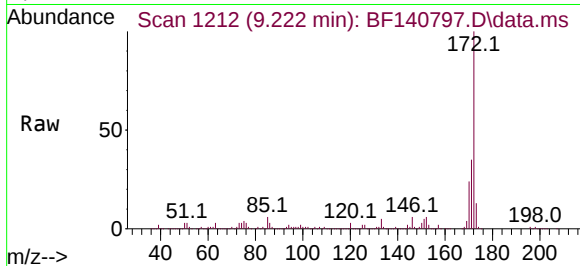




#45
2-Fluorobiphenyl
Concen: 97.543 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

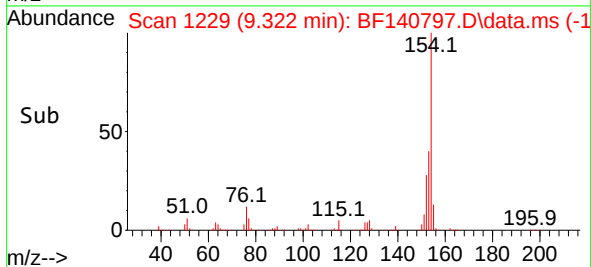
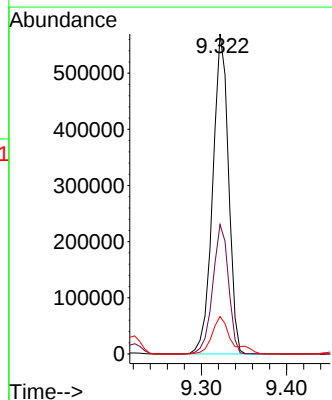
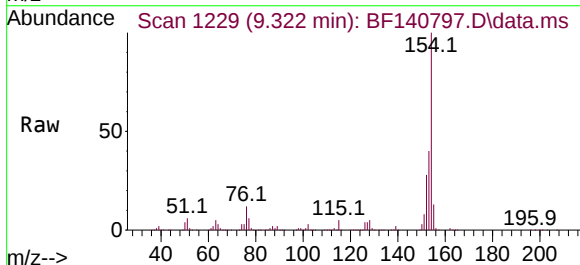
Instrument :
BNA_F
ClientSampleId :
PB165477BS

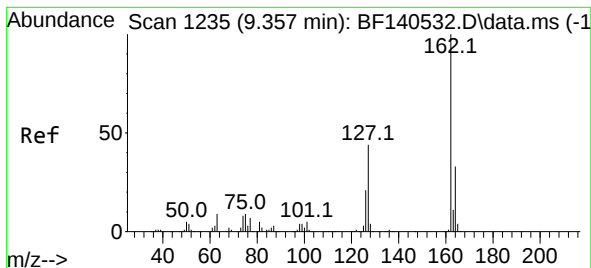
Tgt Ion:172 Resp: 1346228
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.883 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:154 Resp: 735140
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.7 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.362 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

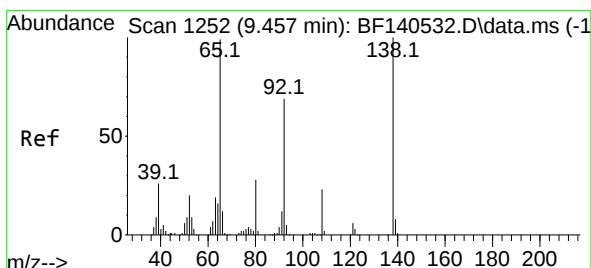
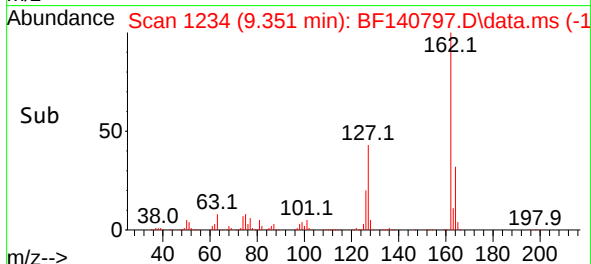
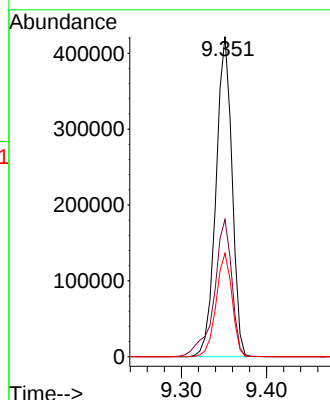
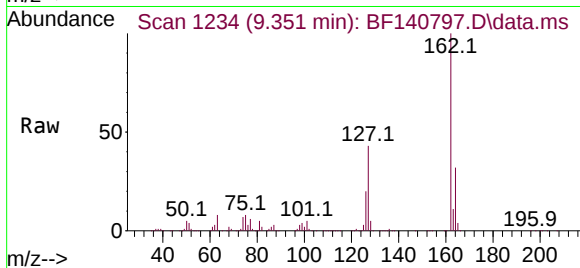
Tgt Ion:162 Resp: 550963

Ion Ratio Lower Upper

162 100

127 42.9 35.7 53.5

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 47.702 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

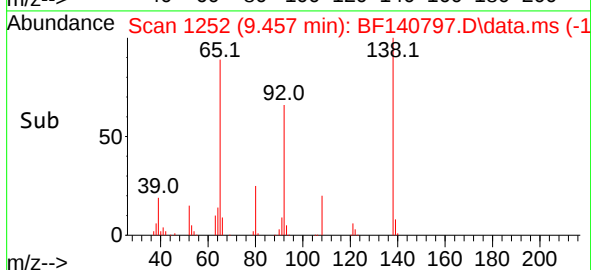
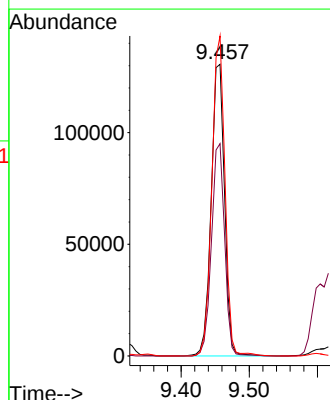
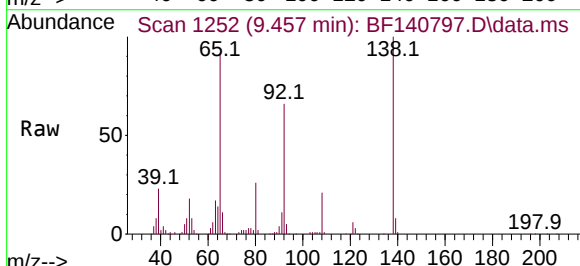
Tgt Ion: 65 Resp: 178120

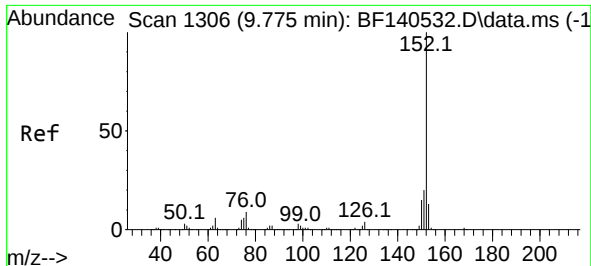
Ion Ratio Lower Upper

65 100

92 72.8 56.1 84.1

138 109.7 81.0 121.6





#49

Acenaphthylene

Concen: 51.129 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

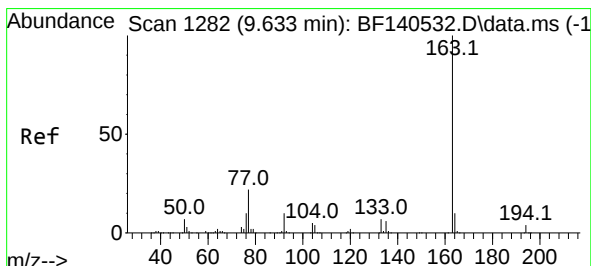
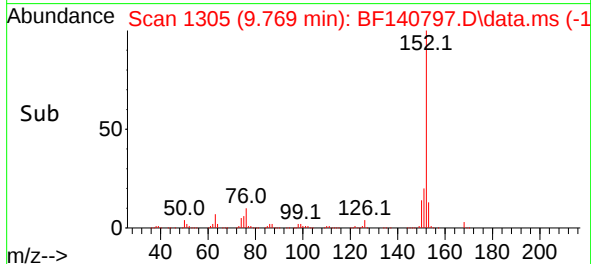
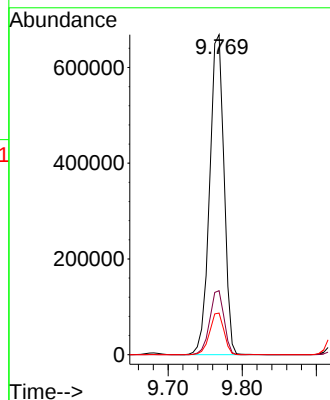
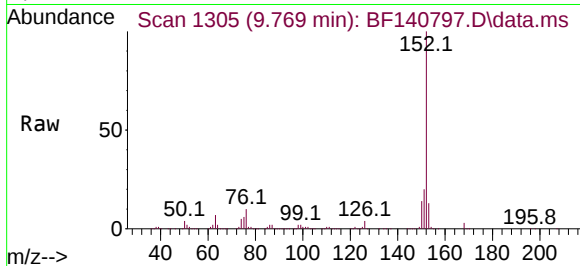
Tgt Ion:152 Resp: 898695

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 49.231 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

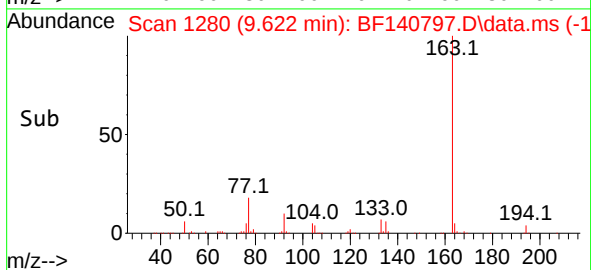
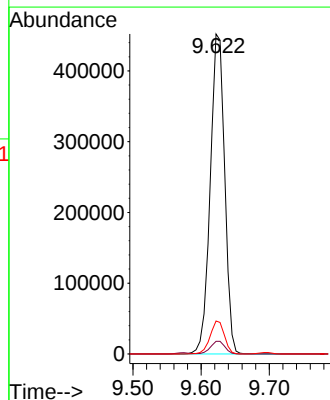
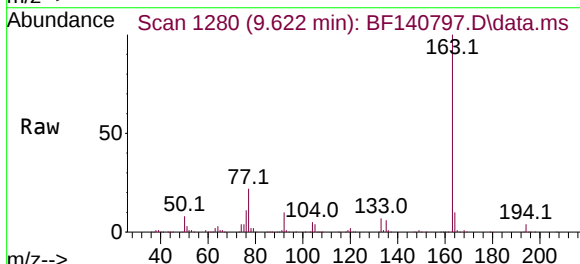
Tgt Ion:163 Resp: 666735

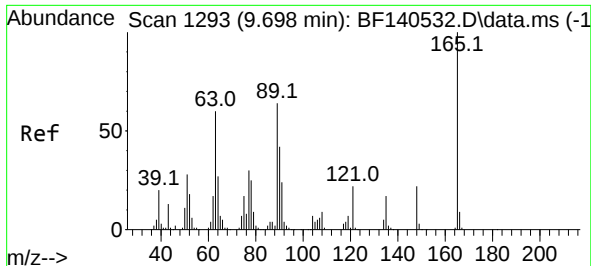
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.2

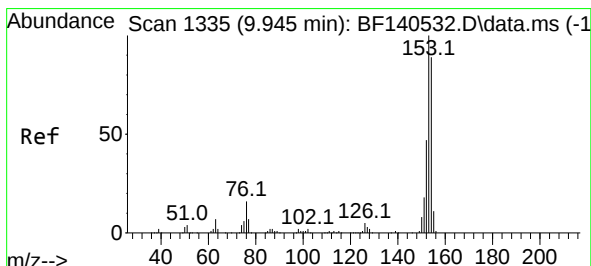
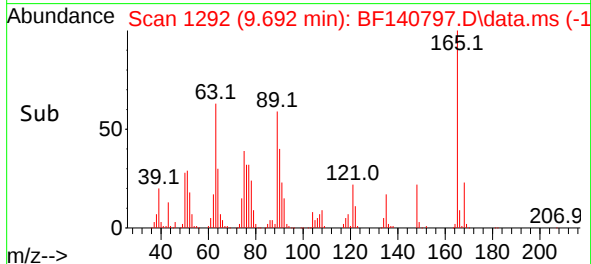
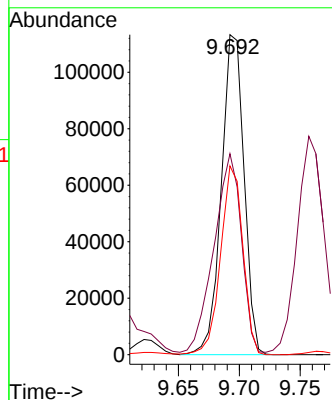
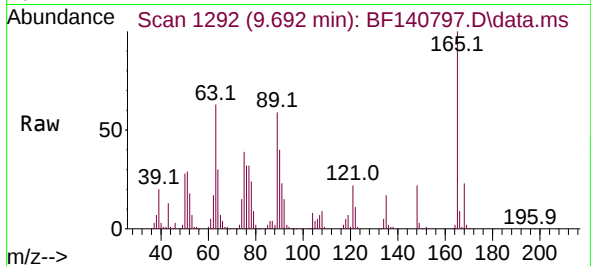




#51
2,6-Dinitrotoluene
Concen: 47.862 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

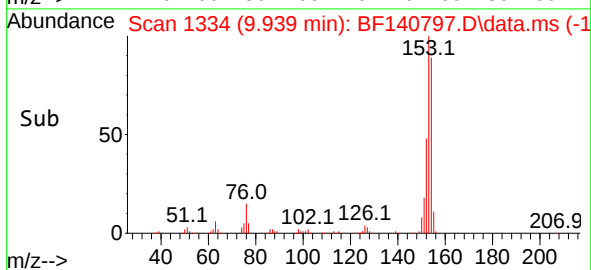
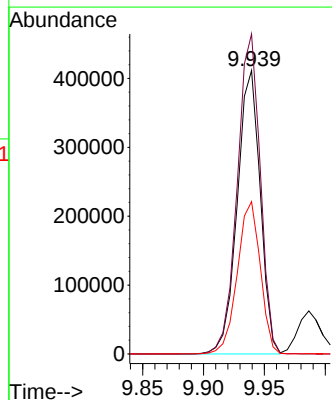
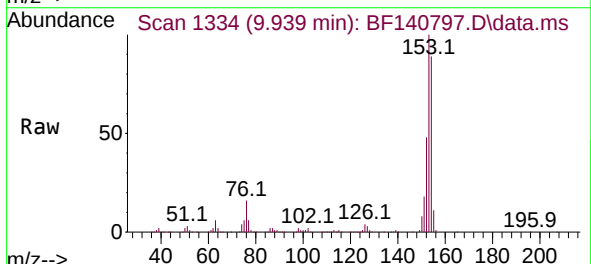
Instrument :
BNA_F
ClientSampleId :
PB165477BS

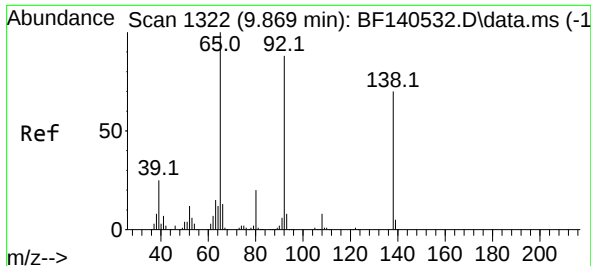
Tgt Ion:165 Resp: 147007
Ion Ratio Lower Upper
165 100
63 62.8 49.9 74.9
89 59.0 50.9 76.3



#52
Acenaphthene
Concen: 48.463 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:154 Resp: 541239
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 53.7 42.5 63.7

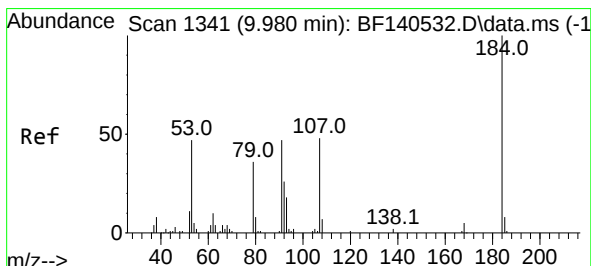
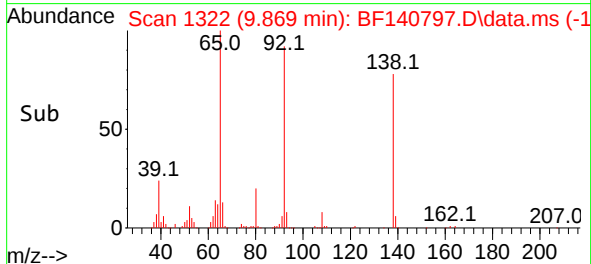
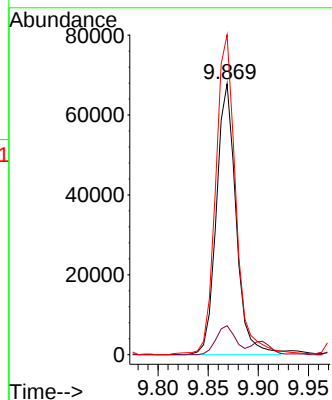
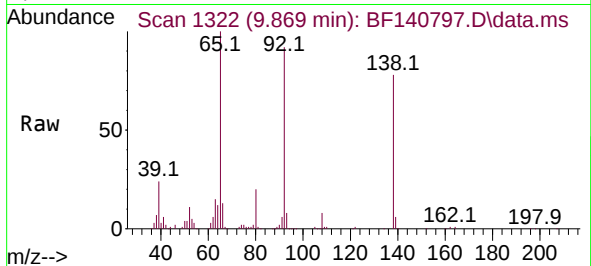




#53
3-Nitroaniline
Concen: 30.752 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

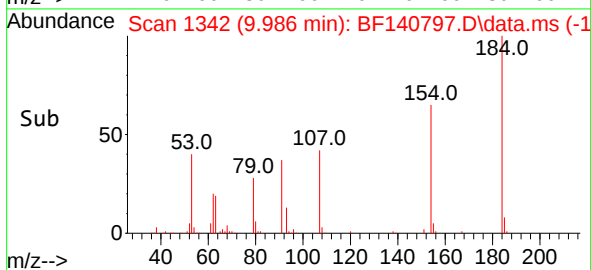
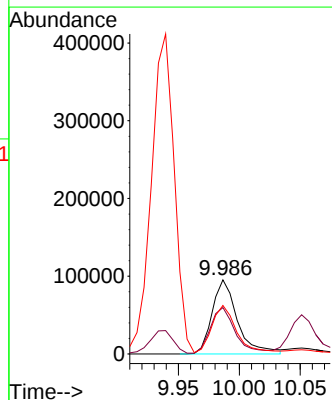
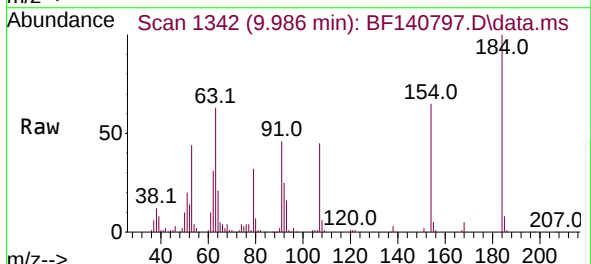
Instrument :
BNA_F
ClientSampleId :
PB165477BS

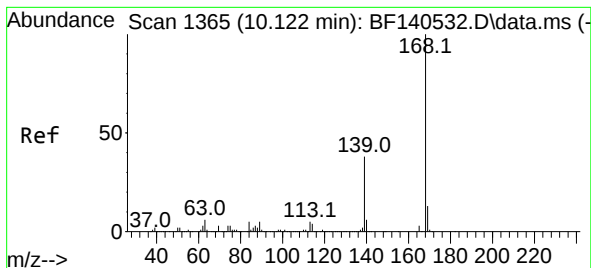
Tgt Ion:138 Resp: 92381
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 118.1 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 86.117 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:184 Resp: 138043
Ion Ratio Lower Upper
184 100
63 62.6 54.1 81.1
154 65.5 57.4 86.0





#55

Dibenzenofuran

Concen: 47.702 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

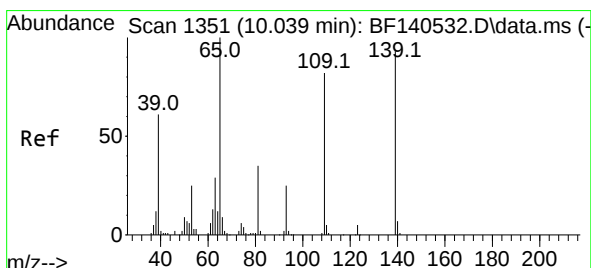
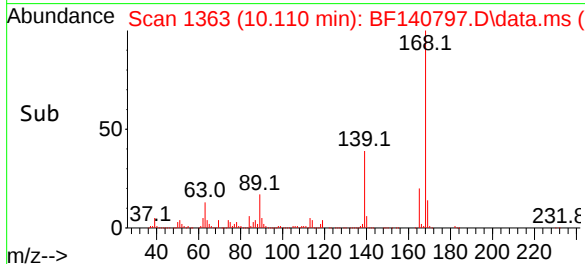
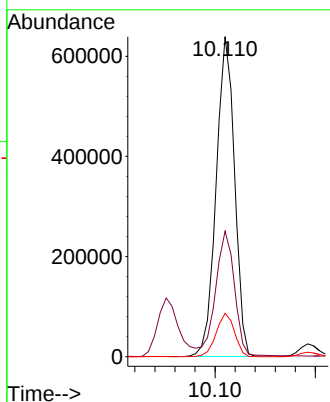
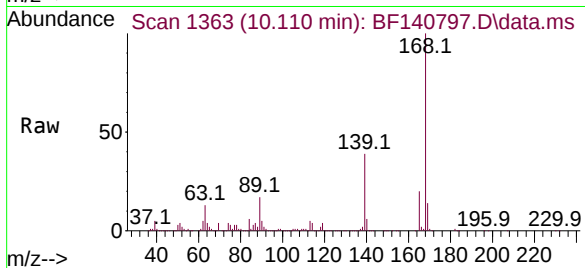
Tgt Ion:168 Resp: 812600

Ion Ratio Lower Upper

168 100

139 39.2 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 84.159 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

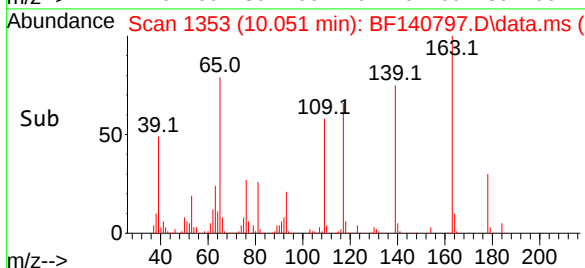
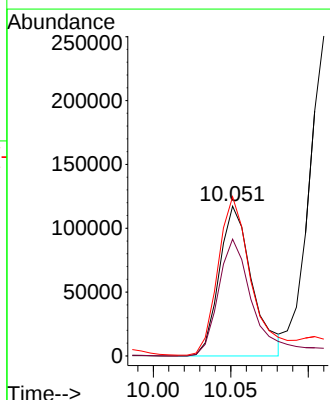
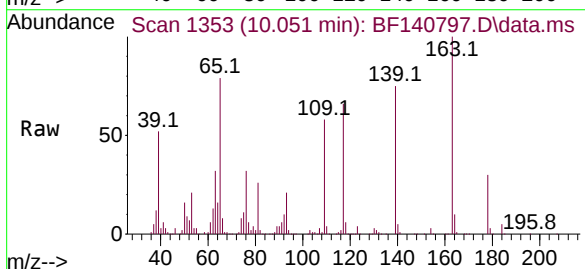
Tgt Ion:139 Resp: 172419

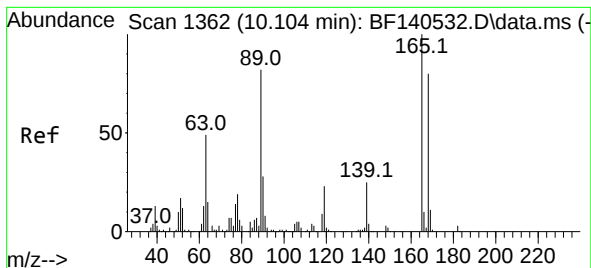
Ion Ratio Lower Upper

139 100

109 78.0 68.4 108.4

65 106.4 88.6 128.6

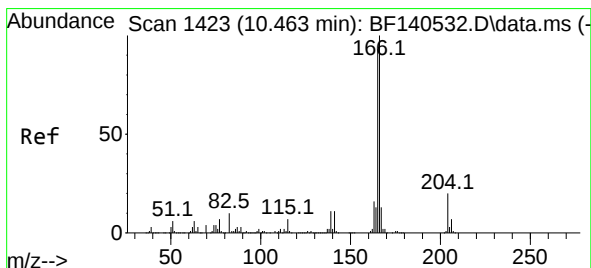
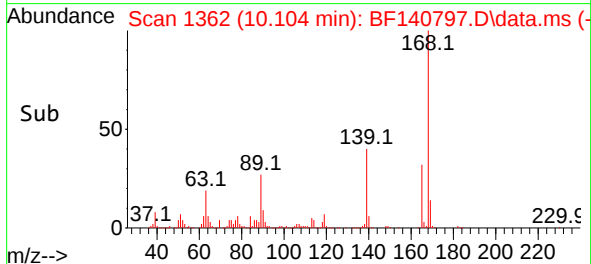
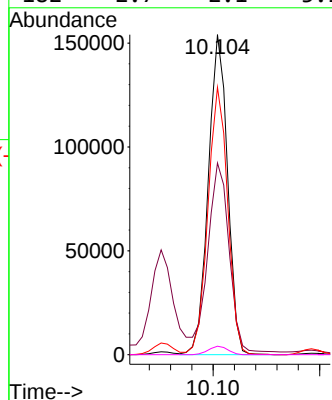
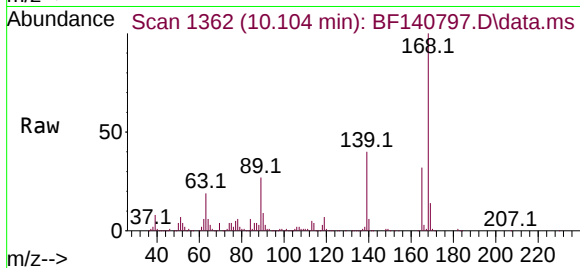




#57
2,4-Dinitrotoluene
Concen: 47.613 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

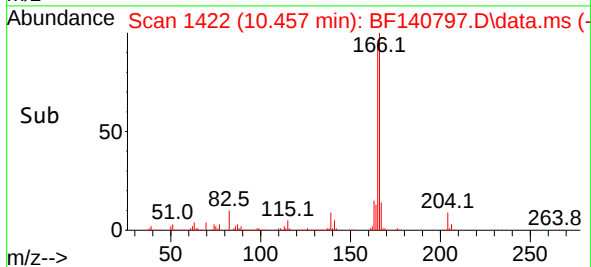
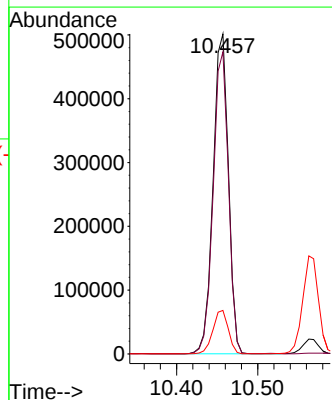
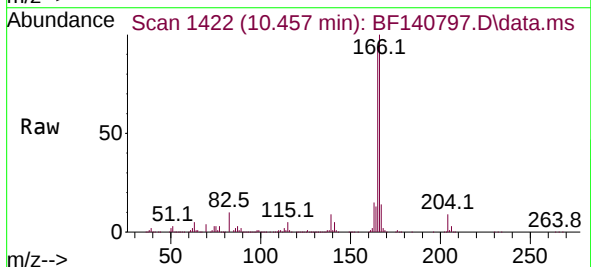
Instrument :
BNA_F
ClientSampleId :
PB165477BS

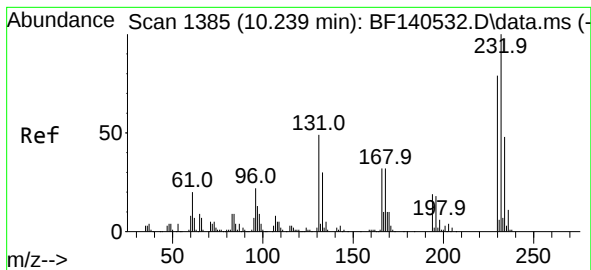
Tgt Ion:165 Resp: 194358
Ion Ratio Lower Upper
165 100
63 59.9 41.7 62.5
89 83.5 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.024 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:166 Resp: 656665
Ion Ratio Lower Upper
166 100
165 94.4 74.6 111.8
167 13.6 10.6 16.0



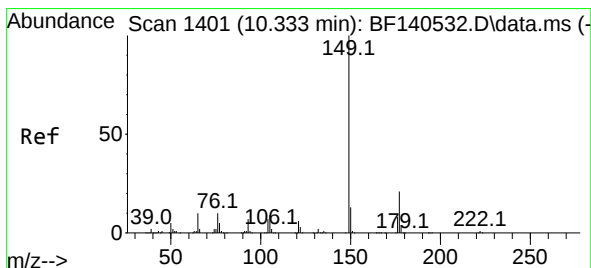
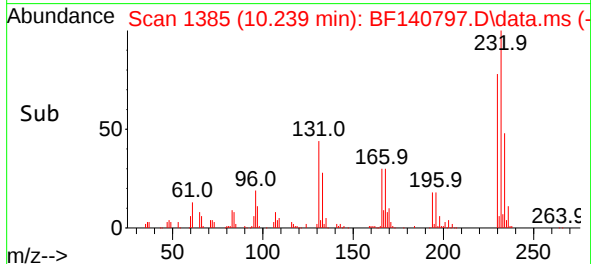
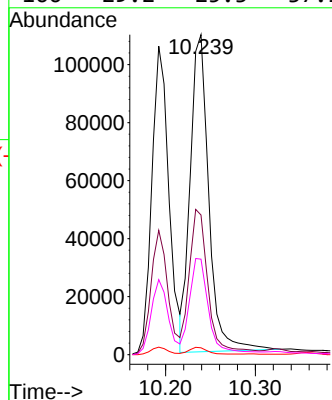
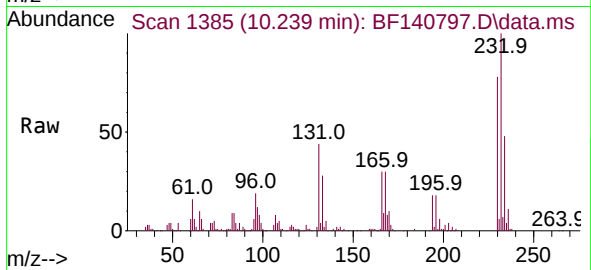


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.895 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

Tgt Ion:232 Resp: 157203

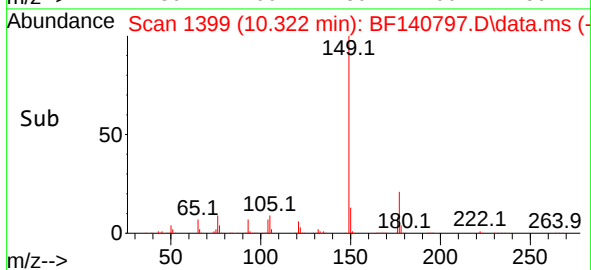
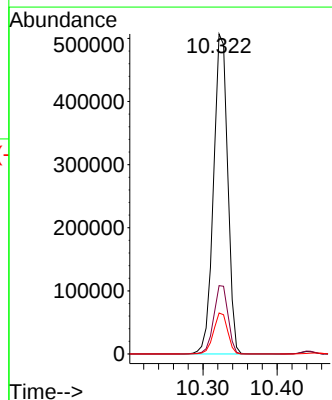
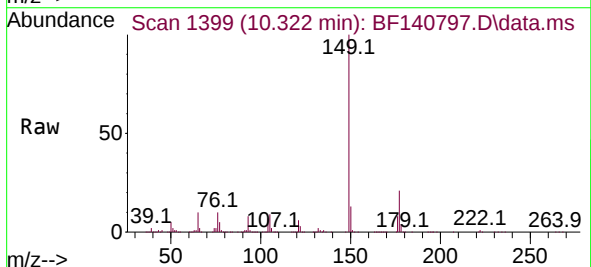
Ion	Ratio	Lower	Upper
232	100		
131	43.9	39.6	59.4
130	2.1	1.9	2.9
166	29.2	25.3	37.9

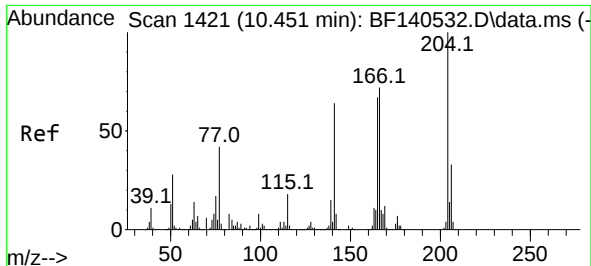


#60
Diethylphthalate
Concen: 48.797 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:149 Resp: 671434

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.8	10.1	15.1

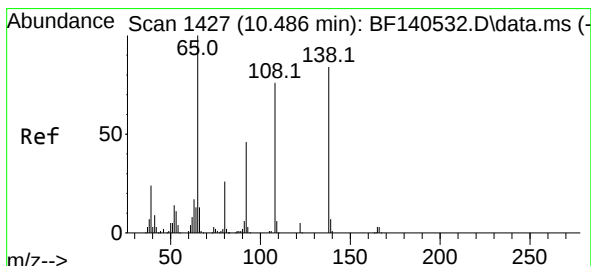
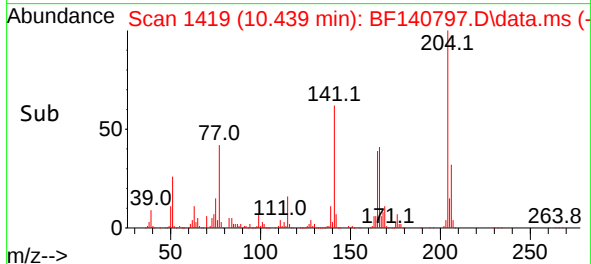
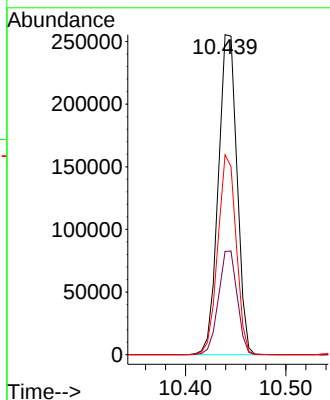
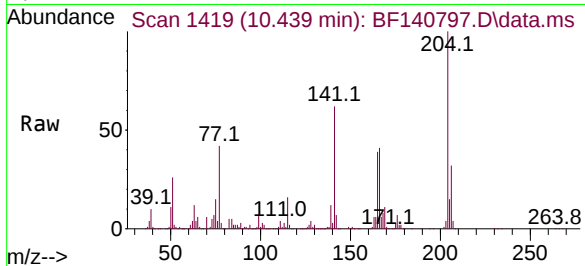




#61
4-Chlorophenyl-phenylether
Concen: 49.241 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

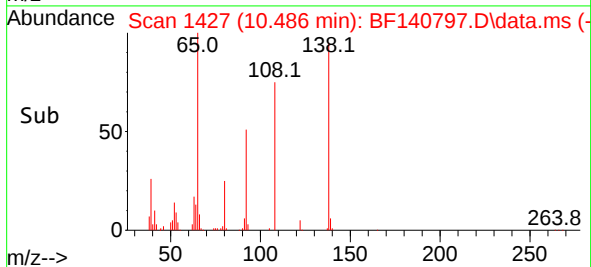
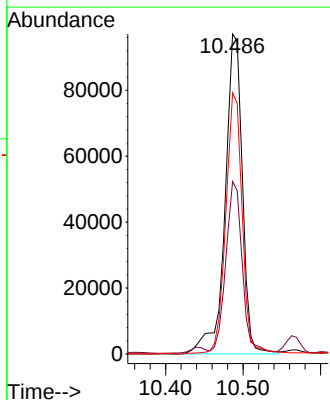
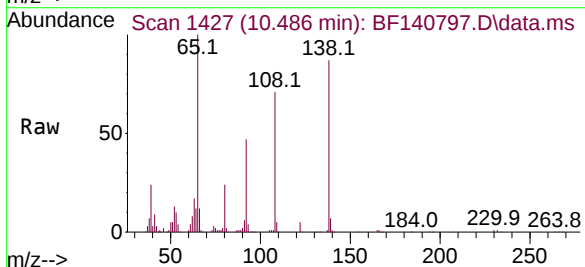
Instrument :
BNA_F
ClientSampleId :
PB165477BS

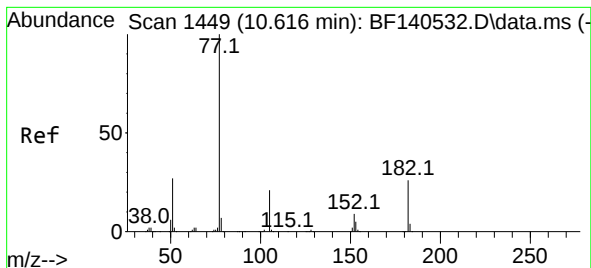
Tgt Ion:204 Resp: 330424
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 62.4 51.1 76.7



#62
4-Nitroaniline
Concen: 48.030 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:138 Resp: 151325
Ion Ratio Lower Upper
138 100
92 53.9 34.5 74.5
108 81.6 70.6 110.6





#63

Azobenzene

Concen: 48.556 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

Tgt Ion: 77 Resp: 632713

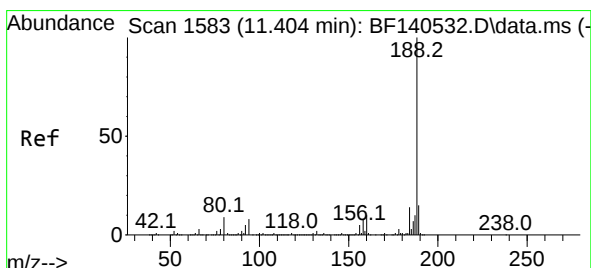
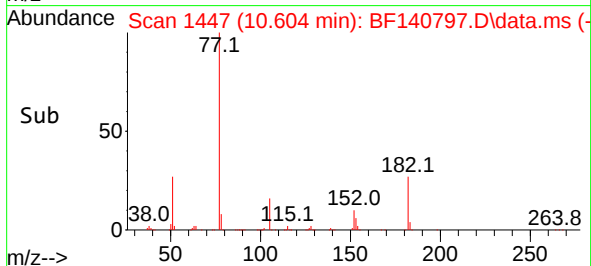
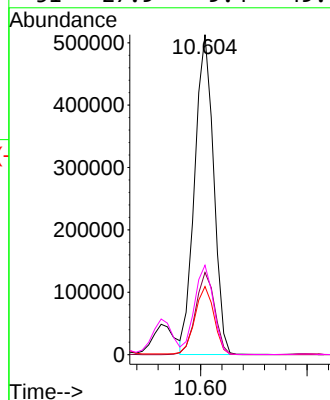
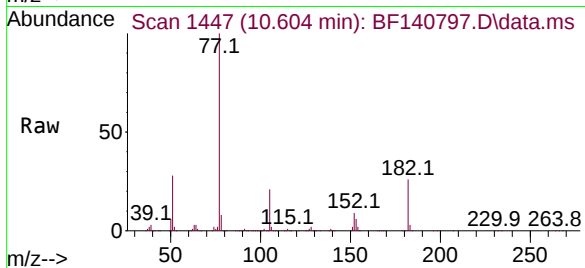
Ion Ratio Lower Upper

77 100

182 25.7 5.3 45.3

105 21.3 0.3 40.3

51 27.9 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

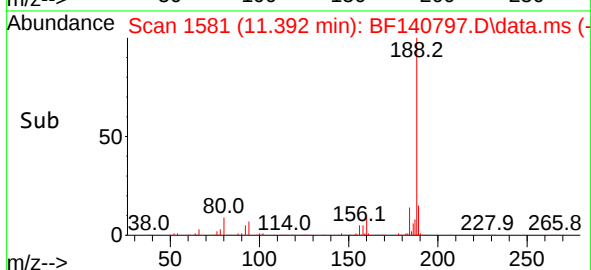
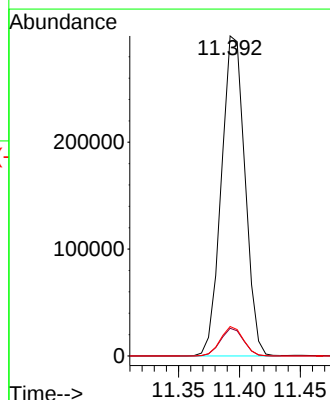
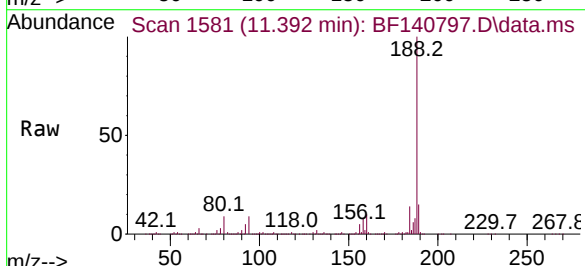
Tgt Ion: 188 Resp: 404386

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.2 6.9 10.3

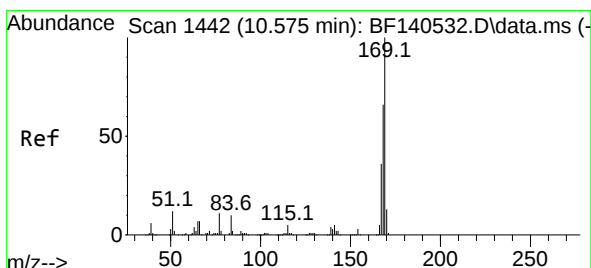
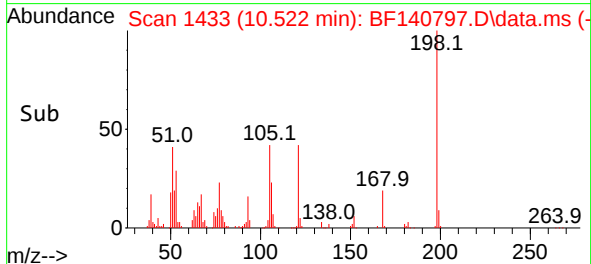
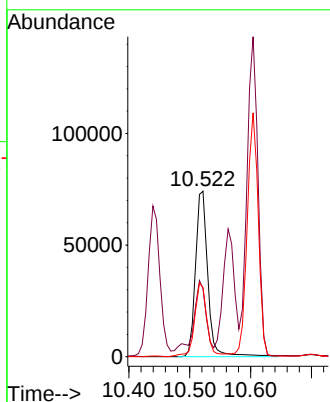
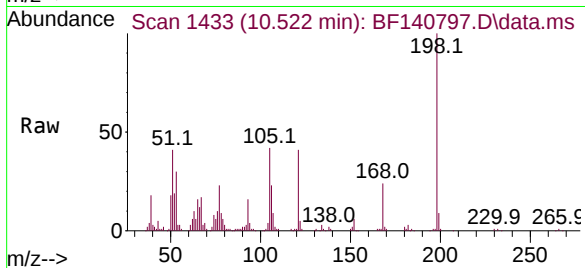




#65
4,6-Dinitro-2-methylphenol
Concen: 50.744 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

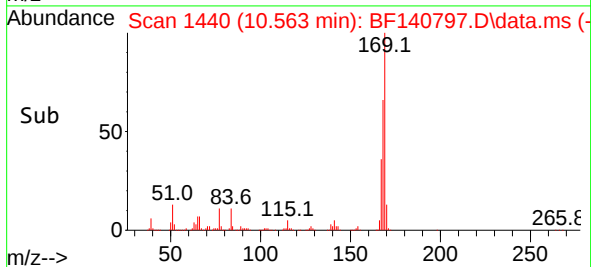
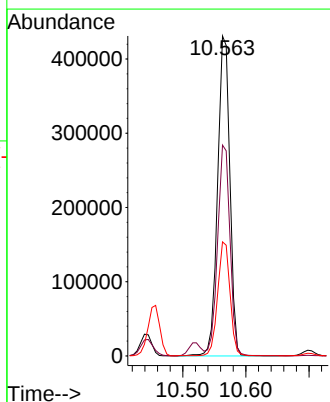
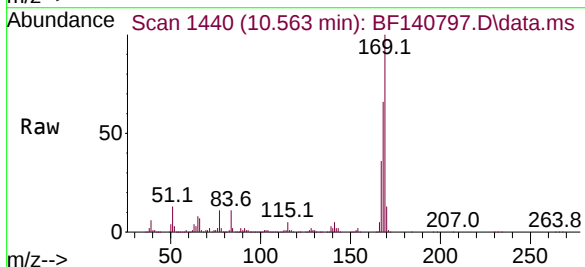
Instrument :
BNA_F
ClientSampleId :
PB165477BS

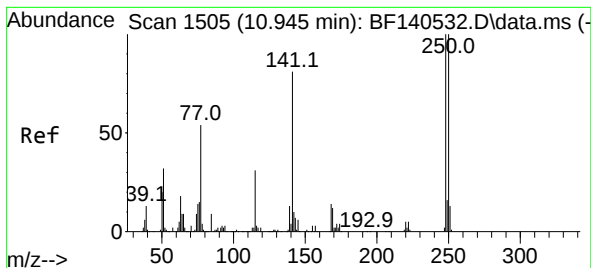
Tgt Ion:198 Resp: 104860
Ion Ratio Lower Upper
198 100
51 41.1 29.4 69.4
105 41.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.537 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

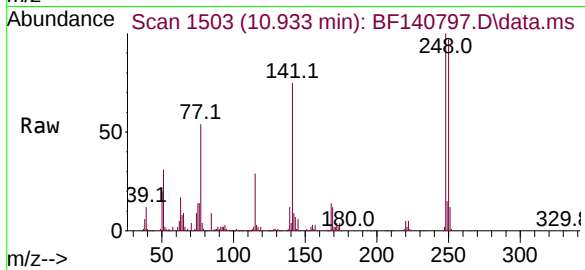
Tgt Ion:169 Resp: 580446
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.6 29.0 43.6



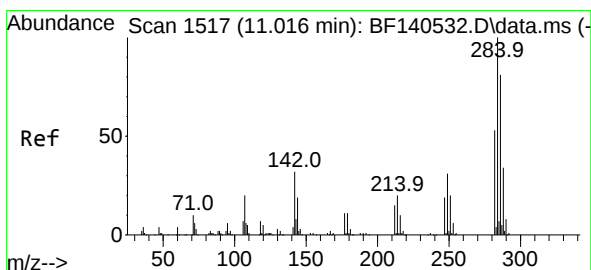
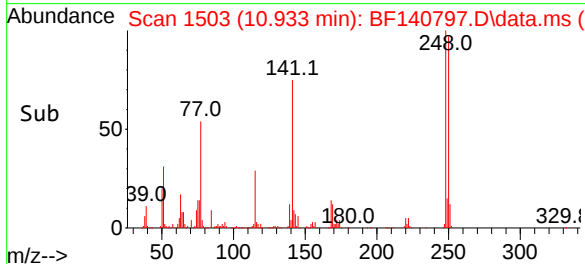
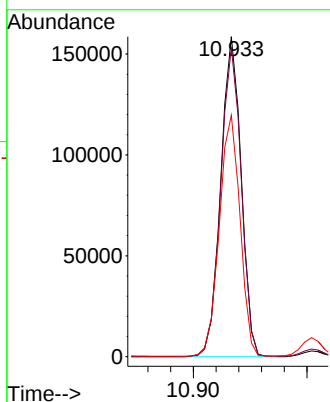


#67
4-Bromophenyl-phenylether
Concen: 47.521 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

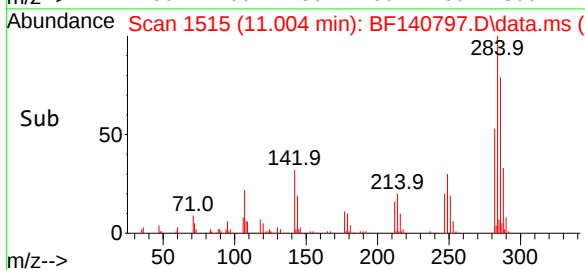
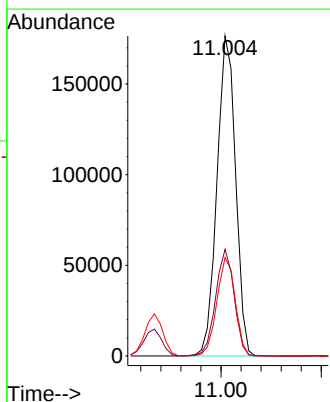
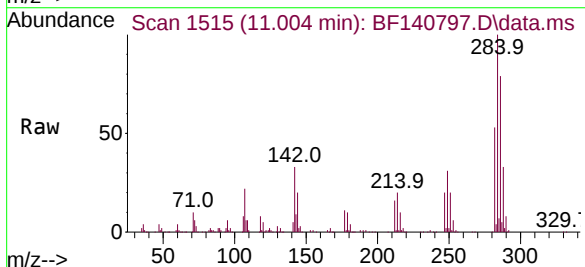


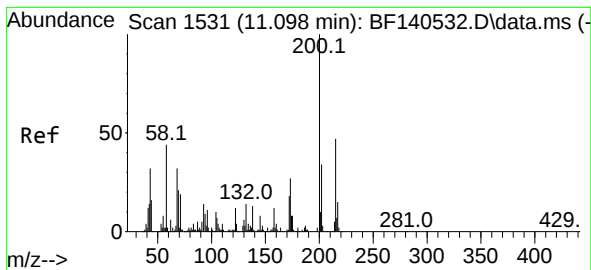
Tgt Ion:248 Resp: 197906
Ion Ratio Lower Upper
248 100
250 96.7 79.8 119.8
141 75.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 47.057 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:284 Resp: 226916
Ion Ratio Lower Upper
284 100
142 33.3 25.3 37.9
249 30.8 24.8 37.2





#69

Atrazine

Concen: 55.585 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

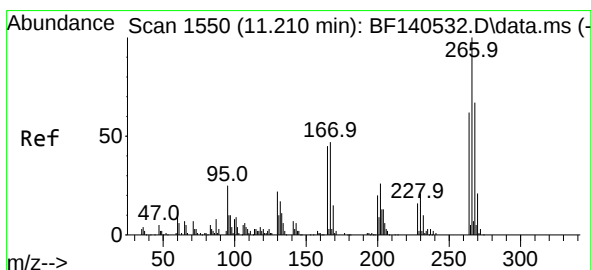
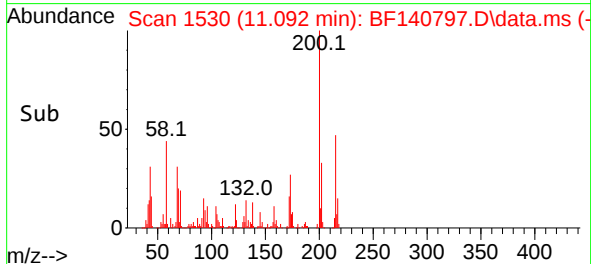
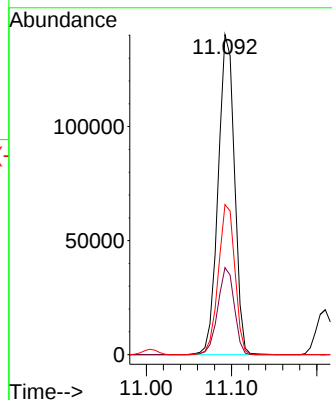
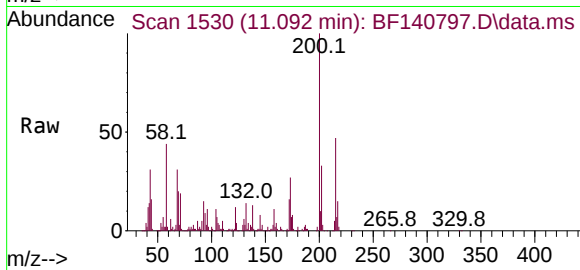
Tgt Ion:200 Resp: 187000

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 46.9 26.7 66.7



#70

Pentachlorophenol

Concen: 78.211 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

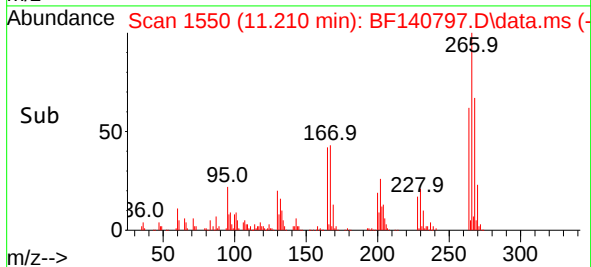
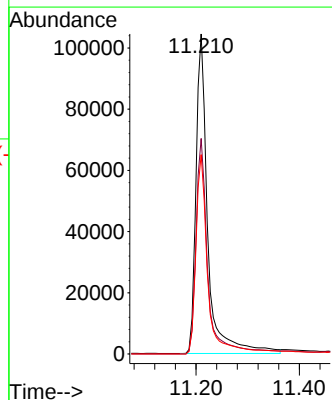
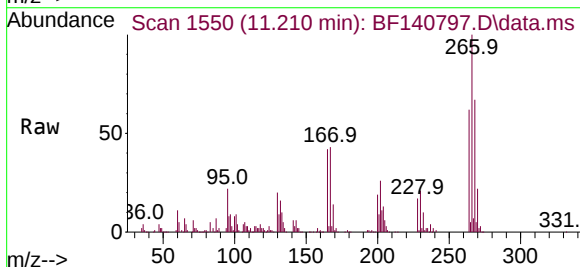
Tgt Ion:266 Resp: 165990

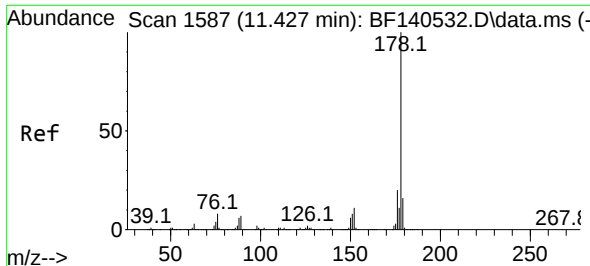
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

264 62.3 49.8 74.8

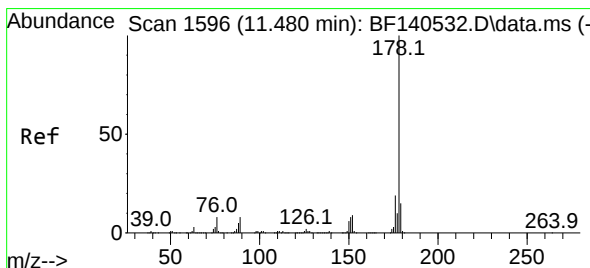
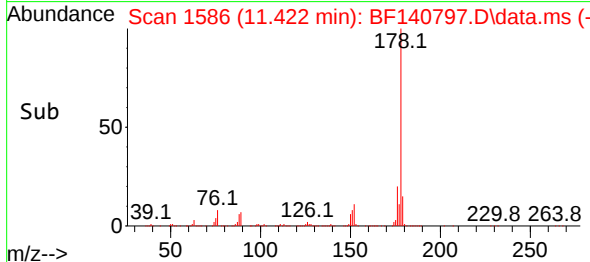
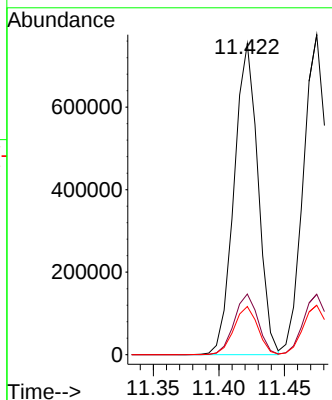
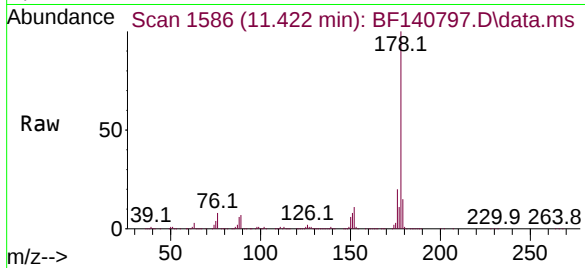




#71
Phenanthrene
Concen: 49.188 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

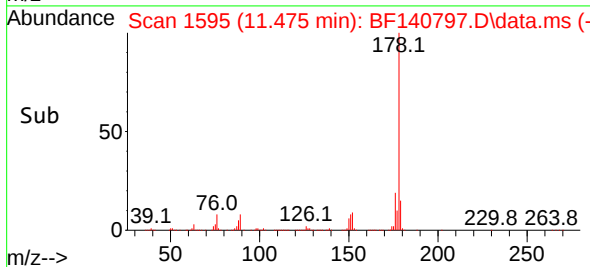
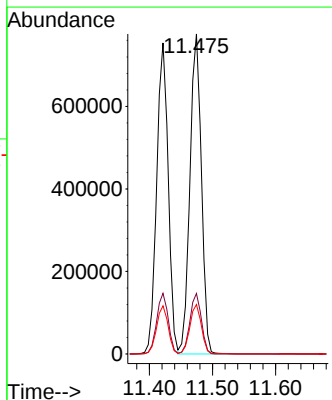
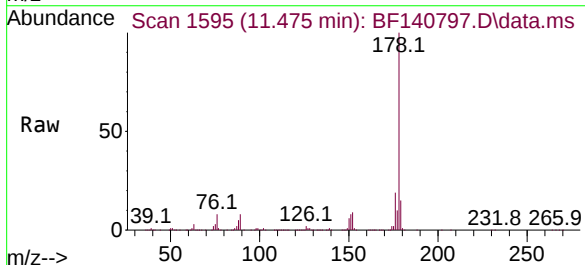
Instrument :
BNA_F
ClientSampleId :
PB165477BS

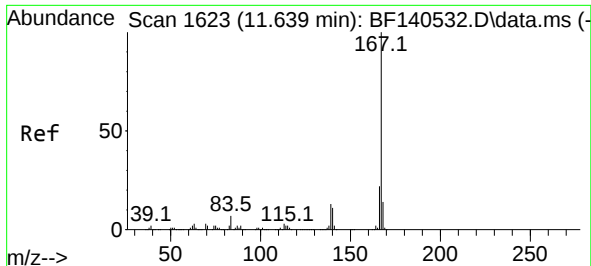
Tgt Ion:178 Resp: 956141
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 51.534 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:178 Resp: 979900
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4

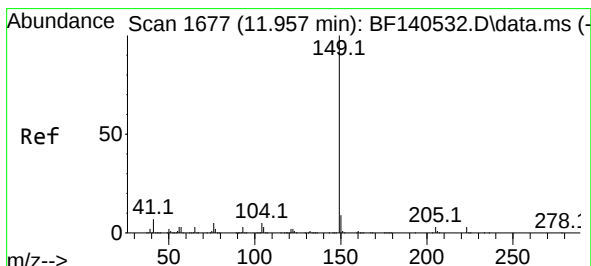
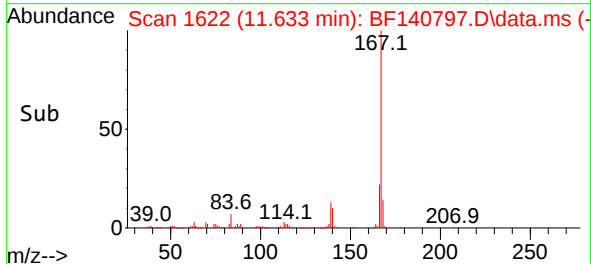
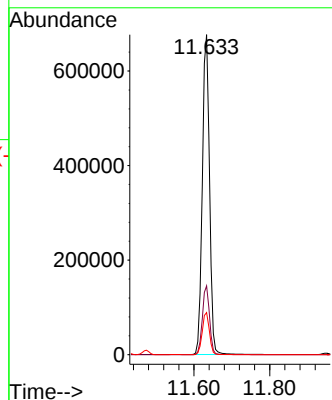
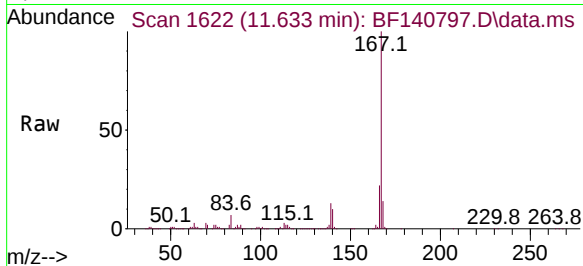




#73
Carbazole
Concen: 49.038 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

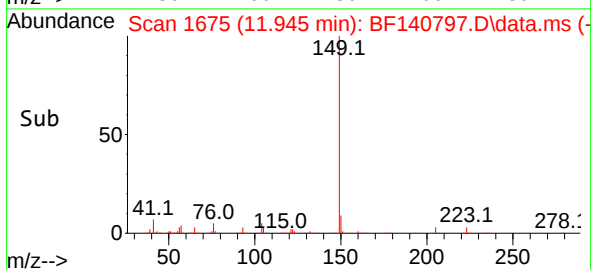
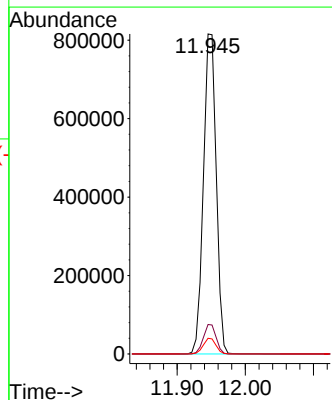
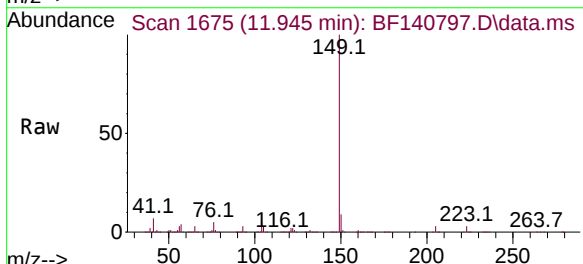
Instrument :
BNA_F
ClientSampleId :
PB165477BS

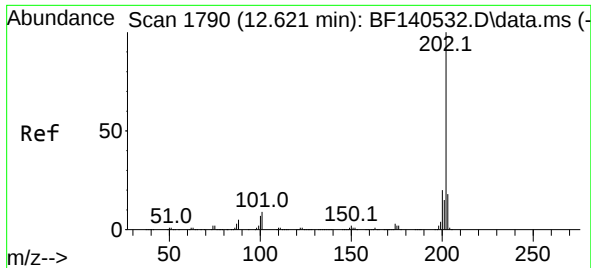
Tgt Ion:167 Resp: 897002
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.1 10.6 15.8



#74
Di-n-butylphthalate
Concen: 50.477 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:149 Resp: 1065984
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1

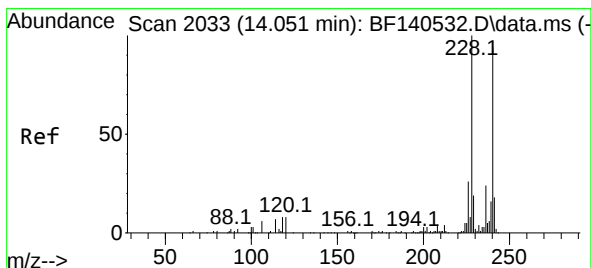
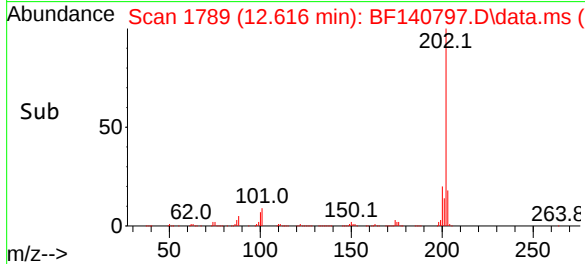
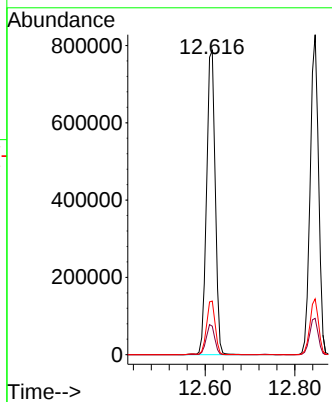
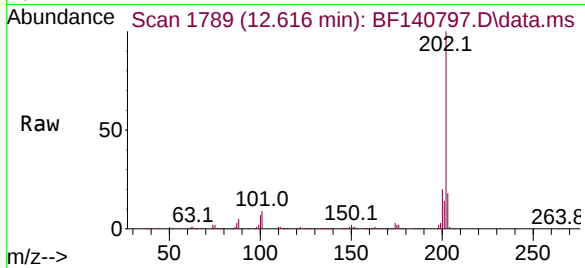




#75
Fluoranthene
Concen: 49.845 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

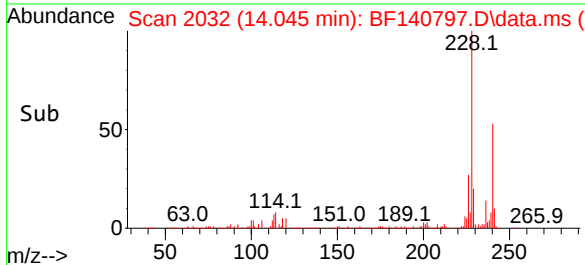
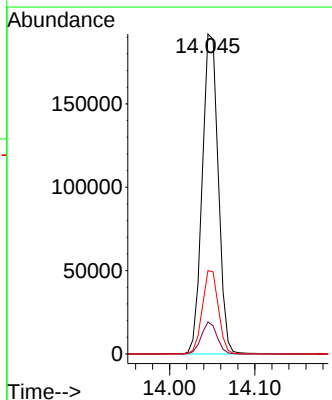
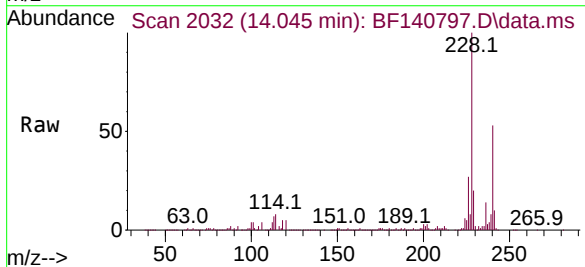
Instrument :
BNA_F
ClientSampleId :
PB165477BS

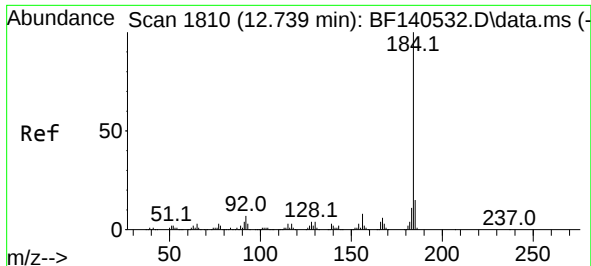
Tgt Ion:202 Resp: 1051979
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

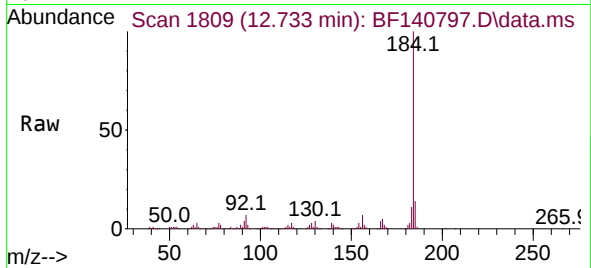
Tgt Ion:240 Resp: 251039
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.1 20.6 31.0



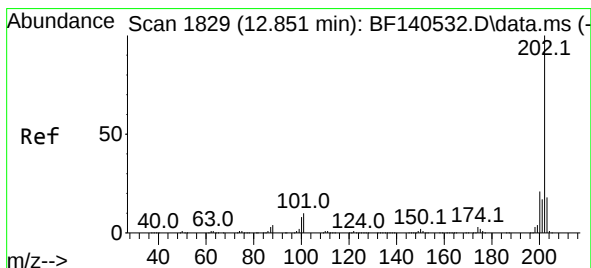
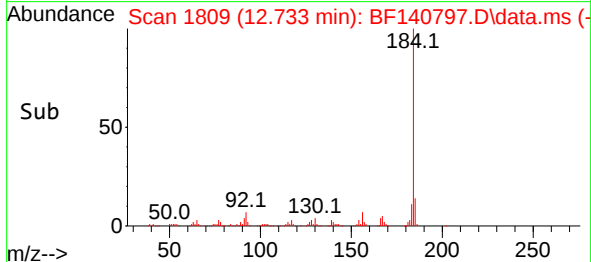
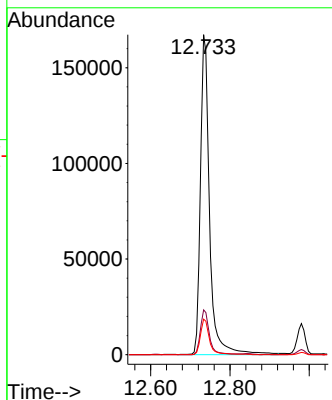


#77
Benzidine
Concen: 36.746 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

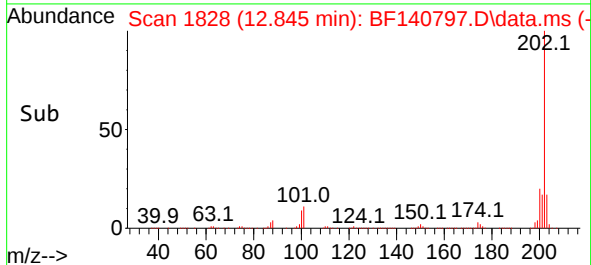
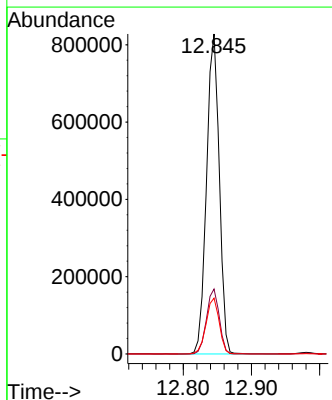
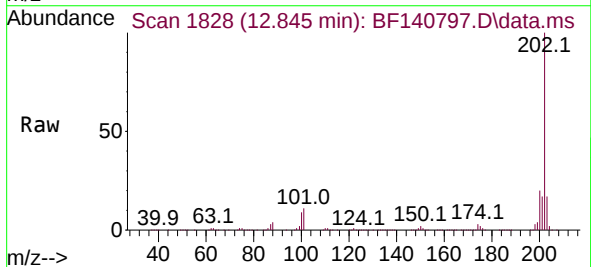


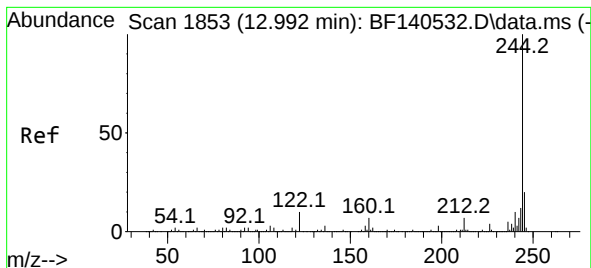
Tgt Ion:184 Resp: 268199
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 46.284 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:202 Resp: 1074327
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 98.994 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

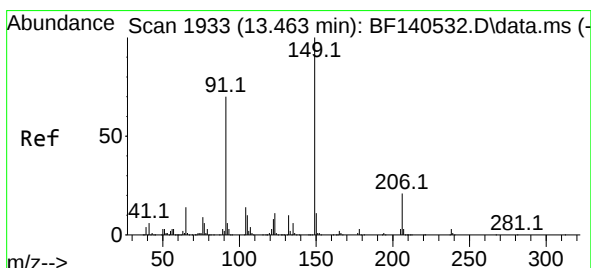
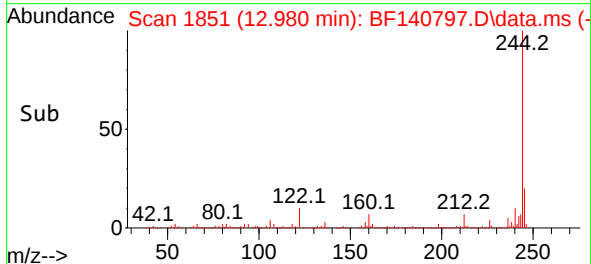
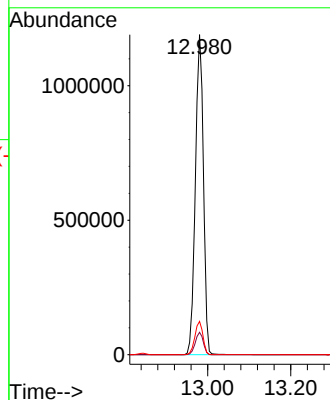
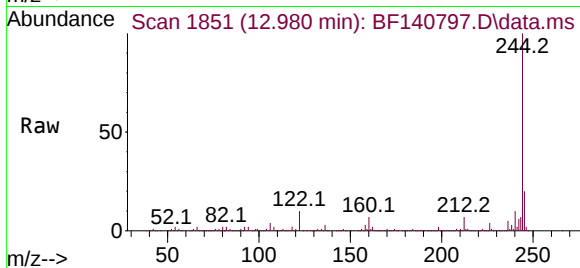
Tgt Ion:244 Resp: 1595968

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 48.800 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

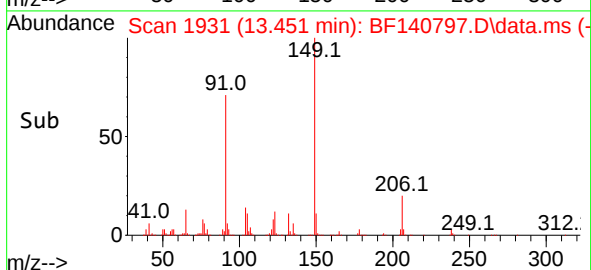
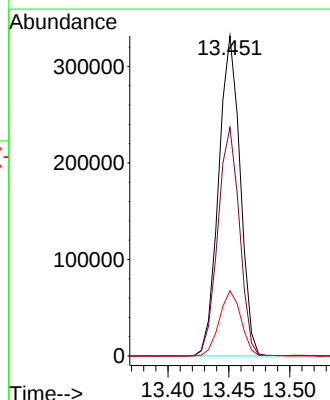
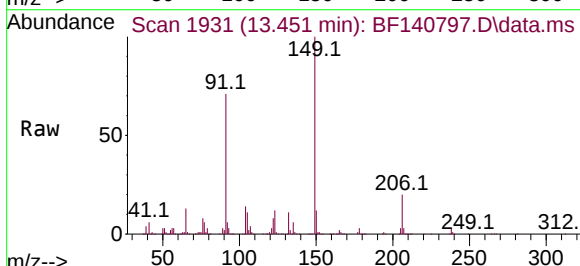
Tgt Ion:149 Resp: 408053

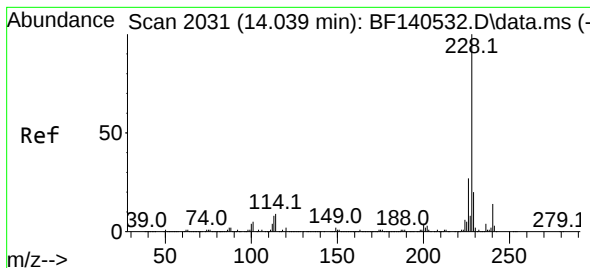
Ion Ratio Lower Upper

149 100

91 71.4 56.2 84.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.639 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

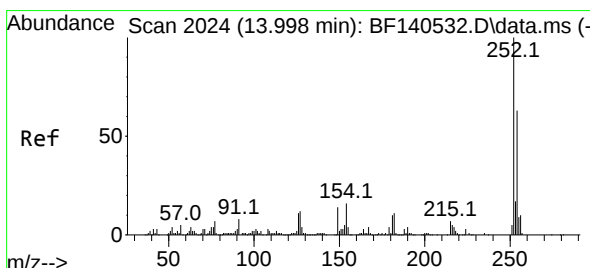
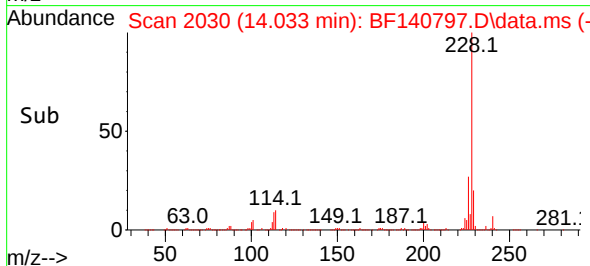
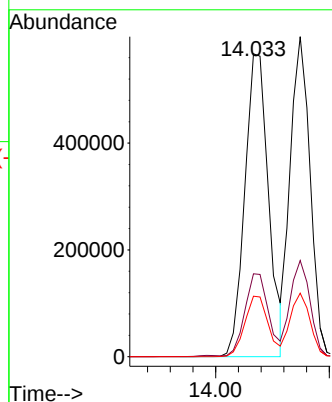
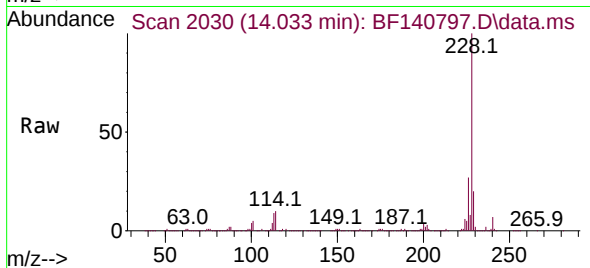
Tgt Ion:228 Resp: 824884

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.121 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

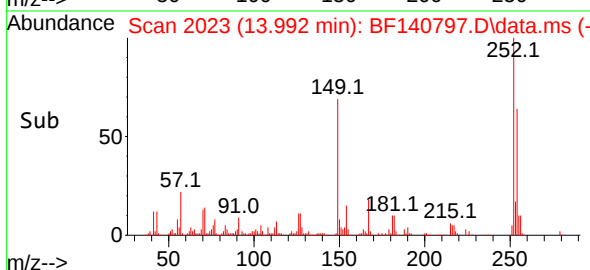
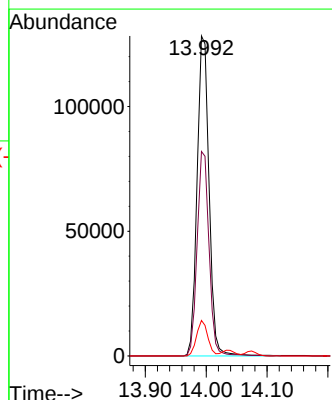
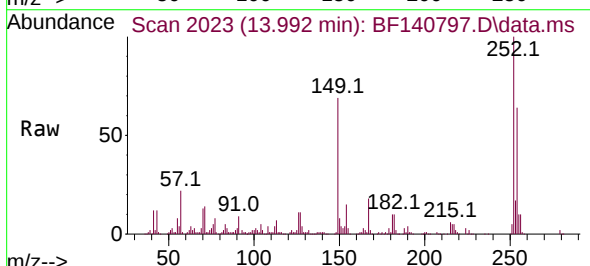
Tgt Ion:252 Resp: 175229

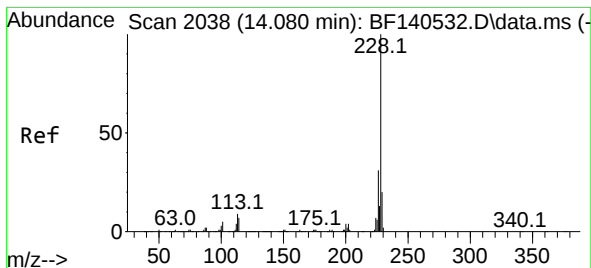
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 11.1 8.6 13.0





#83

Chrysene

Concen: 48.213 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

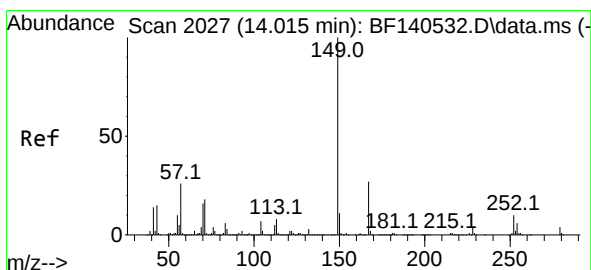
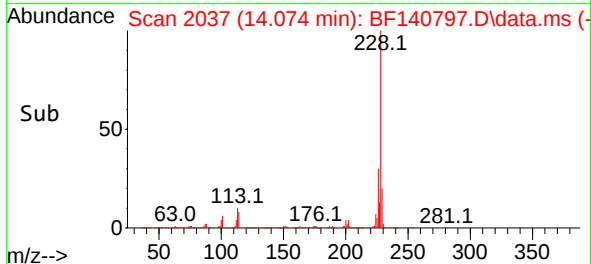
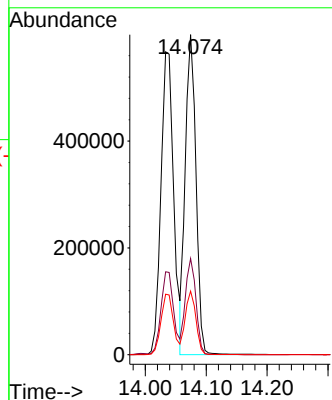
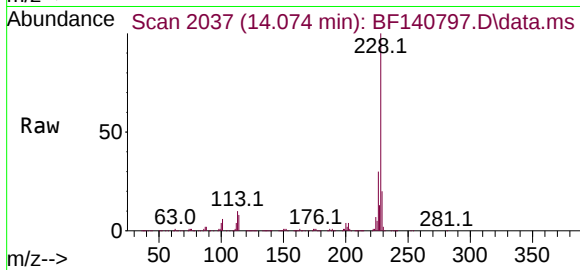
Tgt Ion:228 Resp: 732606

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.356 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

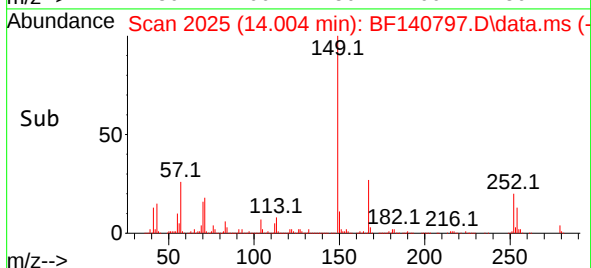
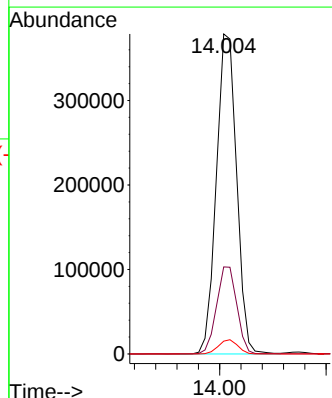
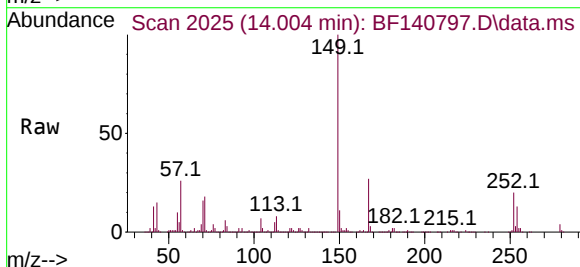
Tgt Ion:149 Resp: 500011

Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.100 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

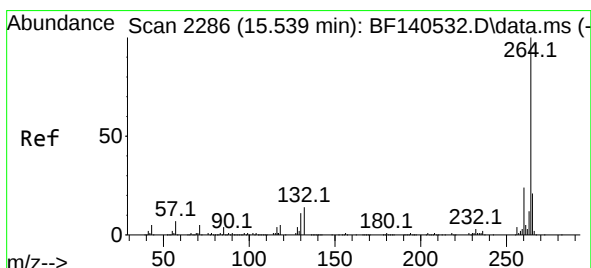
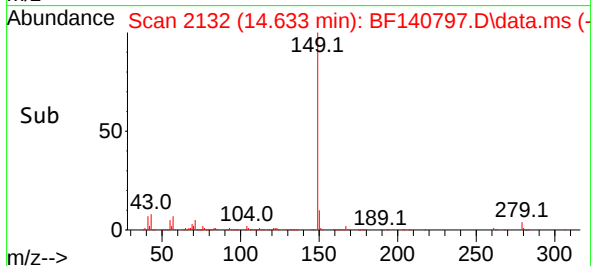
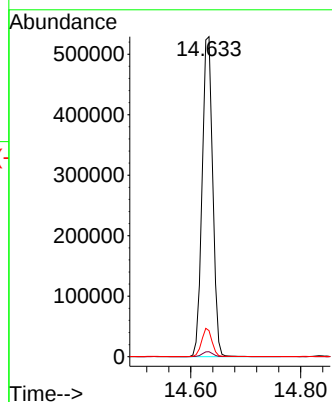
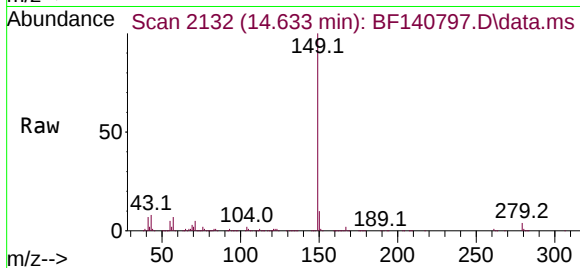
Tgt Ion:149 Resp: 708492

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

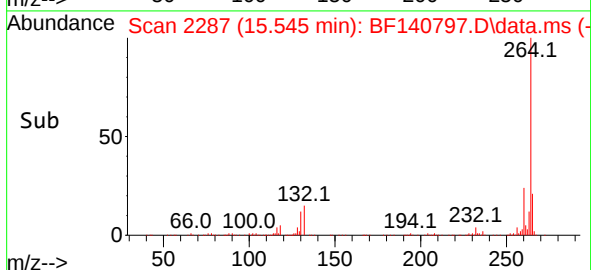
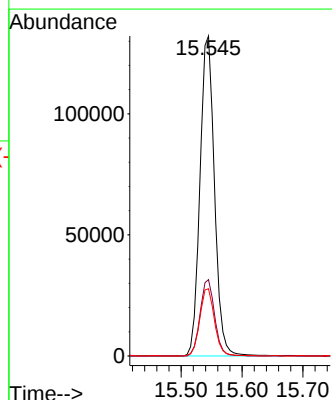
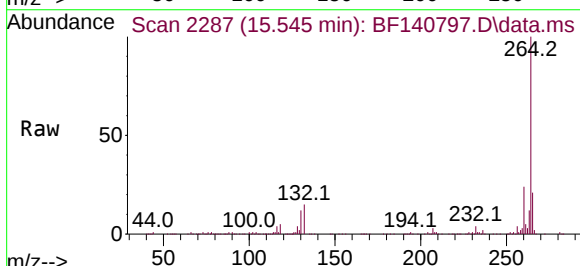
Tgt Ion:264 Resp: 218288

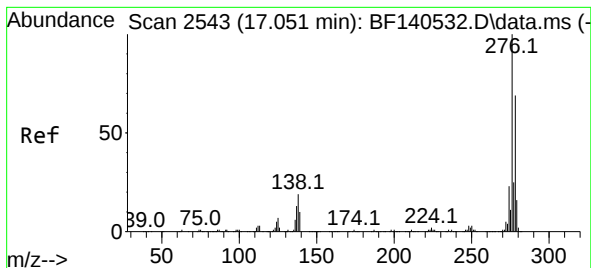
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.060 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

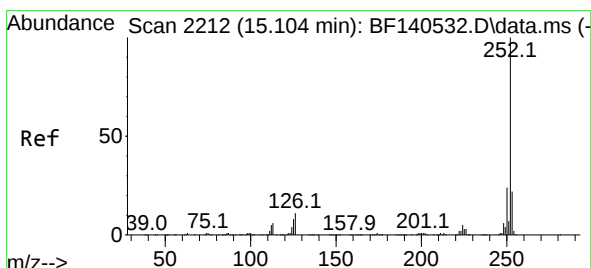
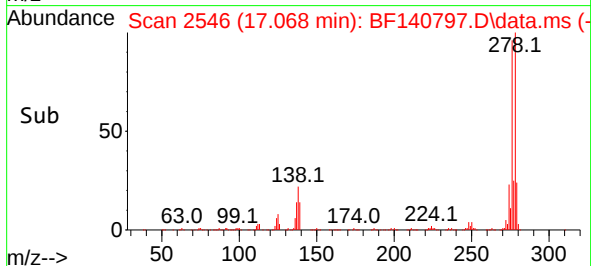
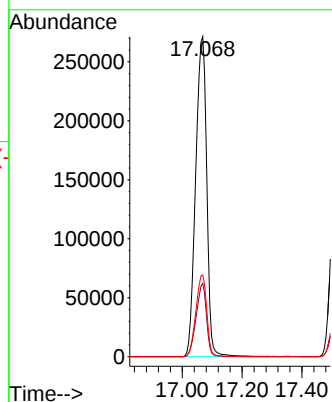
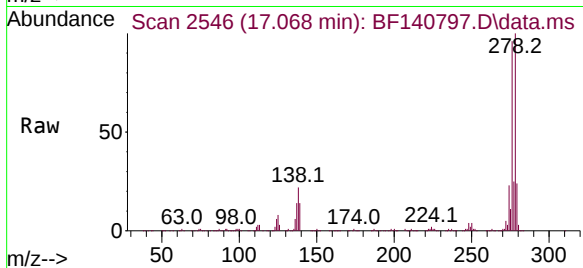
Tgt Ion:276 Resp: 697911

Ion Ratio Lower Upper

276 100

138 21.3 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.589 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

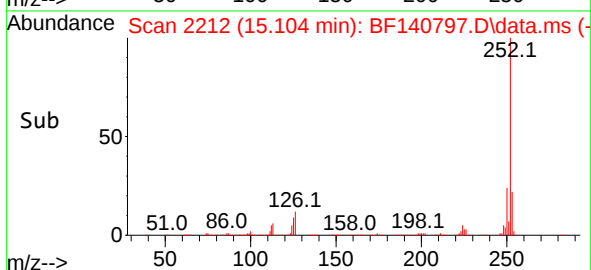
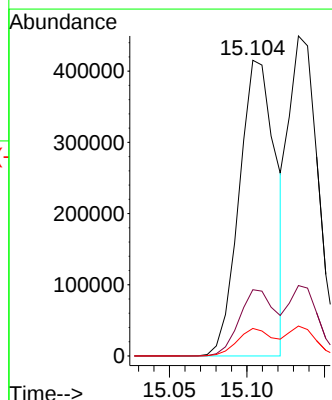
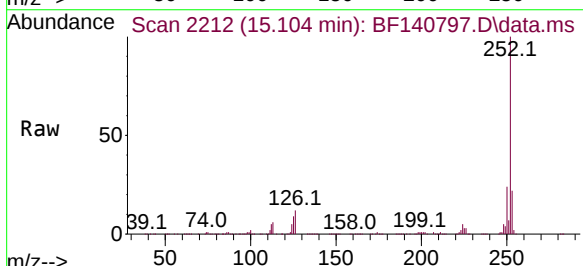
Tgt Ion:252 Resp: 679909

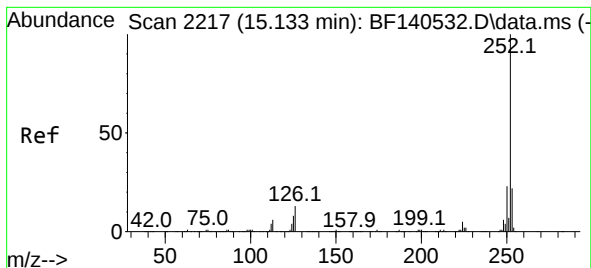
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 9.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.183 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165477BS

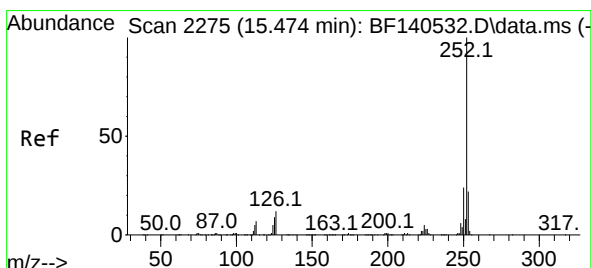
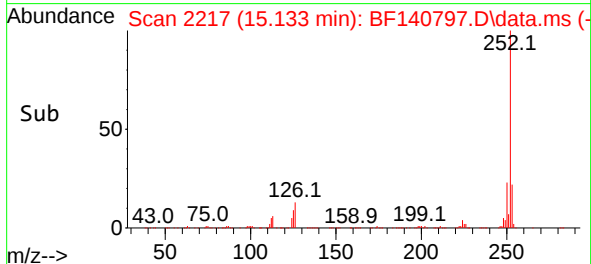
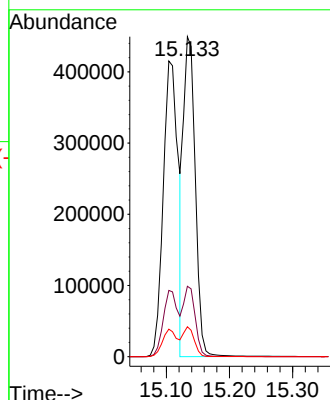
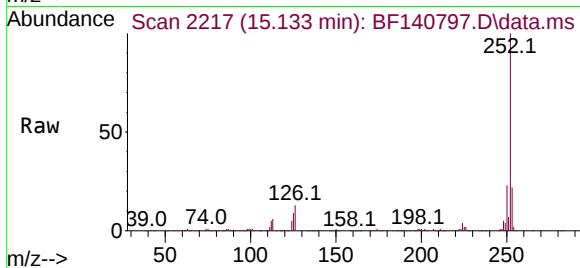
Tgt Ion:252 Resp: 590108

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 52.766 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140797.D

Acq: 10 Dec 2024 10:57

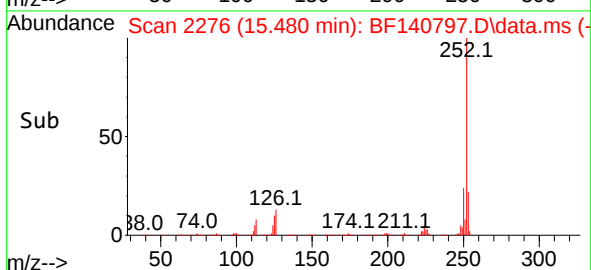
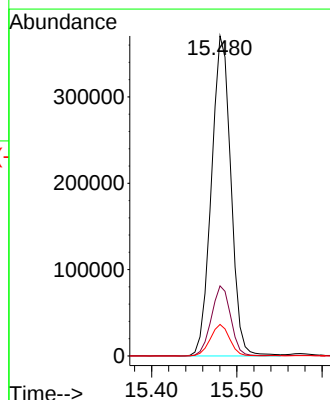
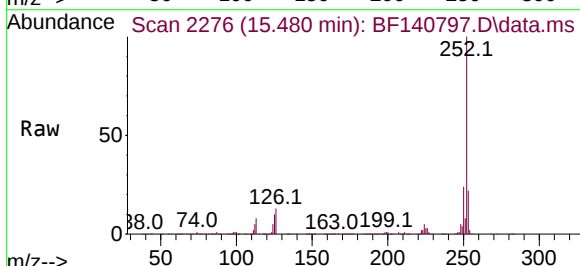
Tgt Ion:252 Resp: 588243

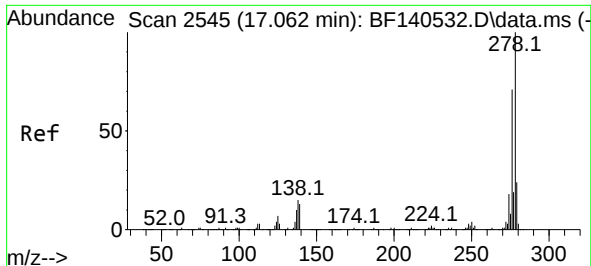
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.9 7.0 10.6

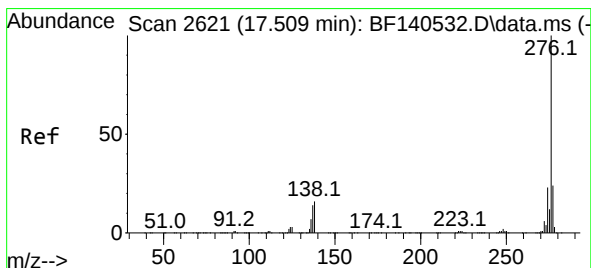
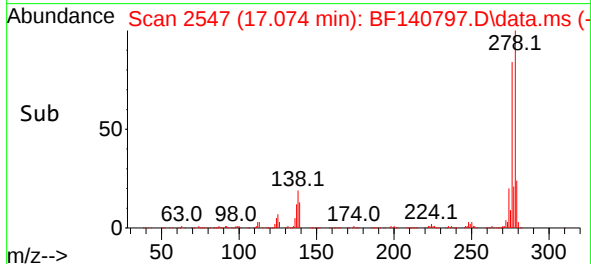
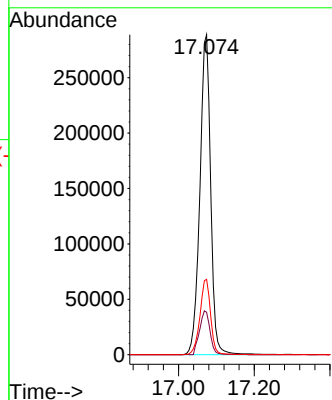
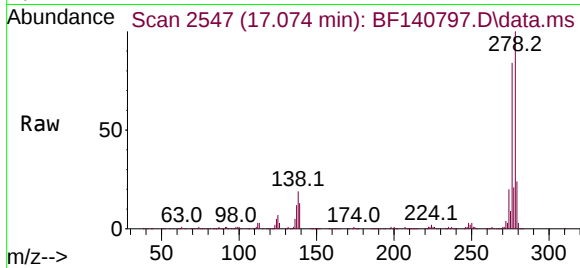




#91
Dibenzo(a,h)anthracene
Concen: 49.140 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165477BS

Tgt Ion:278 Resp: 572492
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.626 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140797.D
Acq: 10 Dec 2024 10:57

Tgt Ion:276 Resp: 530532
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.3 13.2 19.8

