

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	462447	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	492347	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292939	20.000	ng	0.00
86) Perylene-d12	15.568	264	237975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861930	120.888	ng	0.02
7) Phenol-d6	6.516	99	1125959	116.559	ng	0.01
23) Nitrobenzene-d5	7.434	82	734239	82.725	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	337968	131.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1381434	85.608	ng	0.00
79) Terphenyl-d14	12.986	244	1574473	93.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120012	37.766	ng	97
3) Pyridine	3.493	79	306008	39.170	ng	99
4) n-Nitrosodimethylamine	3.446	42	163019	41.287	ng	98
6) Aniline	6.540	93	314213	37.392	ng	# 63
8) 2-Chlorophenol	6.663	128	344192	44.940	ng	98
9) Benzaldehyde	6.428	77	221462	38.252	ng	98
10) Phenol	6.528	94	431969	42.403	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	340281	44.084	ng	99
12) 1,3-Dichlorobenzene	6.816	146	354222	41.917	ng	100
13) 1,4-Dichlorobenzene	6.893	146	358495	41.838	ng	99
14) 1,2-Dichlorobenzene	7.046	146	345395	43.421	ng	99
15) Benzyl Alcohol	7.016	79	313056	44.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	439921	41.261	ng	75
17) 2-Methylphenol	7.134	107	272538	43.257	ng	# 93
18) Hexachloroethane	7.381	117	133272	42.072	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	244474	41.903	ng	99
20) 3+4-Methylphenols	7.287	107	345679	43.871	ng	98
22) Acetophenone	7.281	105	459909	42.760	ng	99
24) Nitrobenzene	7.457	77	381425	41.275	ng	99
25) Isophorone	7.693	82	680917	43.287	ng	100
26) 2-Nitrophenol	7.769	139	183934	44.853	ng	98
27) 2,4-Dimethylphenol	7.810	122	265419	50.555	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	411343	42.646	ng	99
29) 2,4-Dichlorophenol	8.016	162	290874	44.830	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	298628	41.340	ng	99
31) Naphthalene	8.175	128	1008837	43.004	ng	100
32) Benzoic acid	7.940	122	196256	42.482	ng	98
33) 4-Chloroaniline	8.228	127	164503	20.164	ng	99
34) Hexachlorobutadiene	8.287	225	192600	41.846	ng	100
35) Caprolactam	8.592	113	64289	29.811	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	327203	45.505	ng	99
37) 2-Methylnaphthalene	8.869	142	655213	43.558	ng	100
38) 1-Methylnaphthalene	8.969	142	608630	41.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	311076	43.365	ng	99
41) Hexachlorocyclopentadiene	9.016	237	295724	160.562	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	209705	44.545	ng	99

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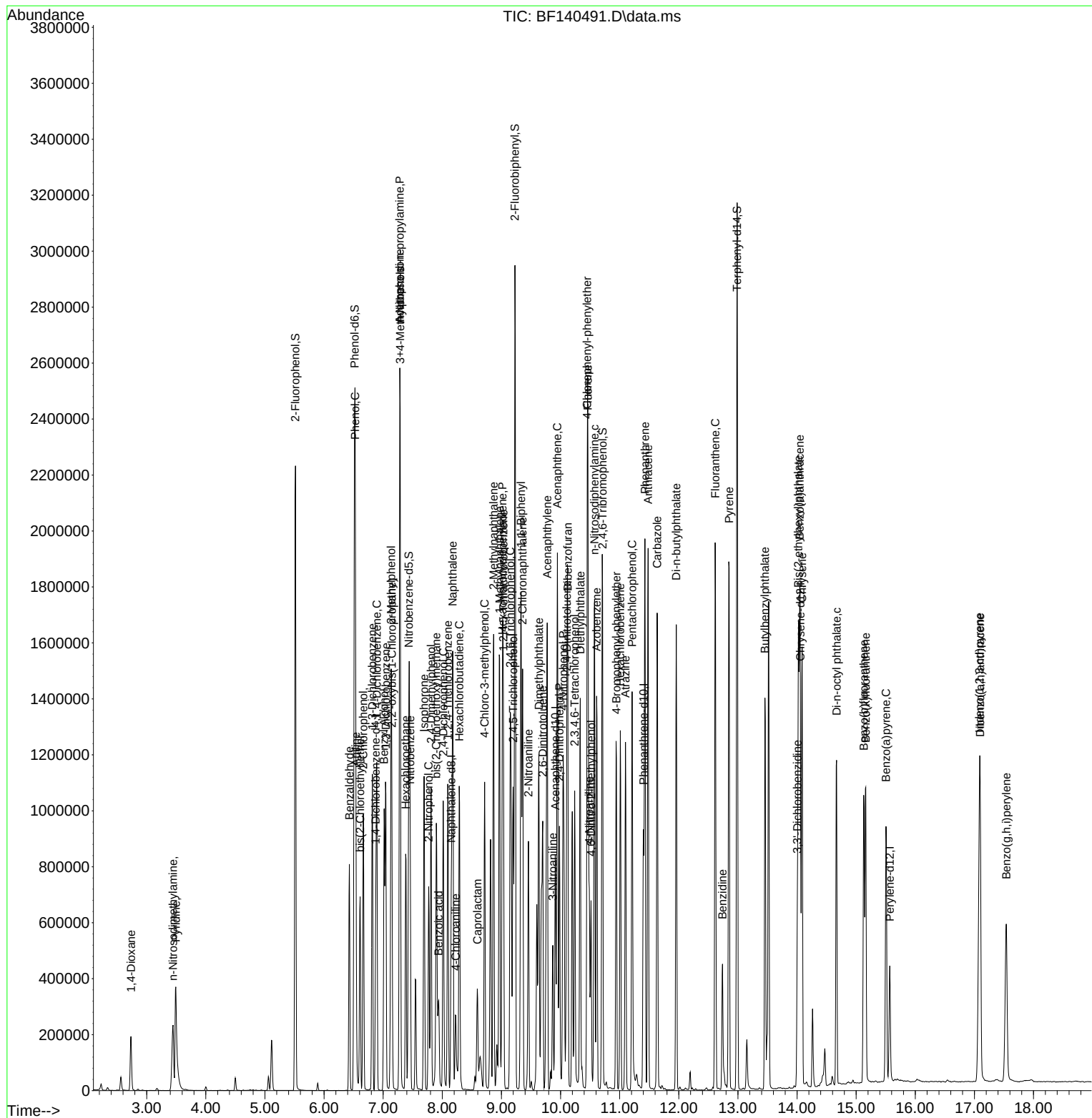
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220709	42.881	ng	98
46) 1,1'-Biphenyl	9.334	154	817776	43.333	ng	99
47) 2-Chloronaphthalene	9.357	162	613068	42.646	ng	99
48) 2-Nitroaniline	9.457	65	212944	44.665	ng	99
49) Acenaphthylene	9.775	152	1016892	46.753	ng	100
50) Dimethylphthalate	9.634	163	761997	45.066	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167442	43.438	ng	97
52) Acenaphthene	9.945	154	615587	41.903	ng	99
53) 3-Nitroaniline	9.869	138	113479	28.032	ng	100
54) 2,4-Dinitrophenol	9.981	184	179443	90.272	ng	99
55) Dibenzofuran	10.122	168	926220	44.537	ng	100
56) 4-Nitrophenol	10.045	139	246266	83.401	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226880	44.722	ng	99
58) Fluorene	10.463	166	728499	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	191962	47.235	ng	100
60) Diethylphthalate	10.334	149	763965	44.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	357046	44.021	ng	99
62) 4-Nitroaniline	10.486	138	178849	43.209	ng	97
63) Azobenzene	10.610	77	754707	44.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	126971	47.933	ng	96
66) n-Nitrosodiphenylamine	10.575	169	649271	45.641	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	219437	44.587	ng	97
68) Hexachlorobenzene	11.010	284	244889	44.224	ng	99
69) Atrazine	11.098	200	215183	49.997	ng	99
70) Pentachlorophenol	11.210	266	251973	84.474	ng	99
71) Phenanthrene	11.428	178	1040890	45.005	ng	100
72) Anthracene	11.481	178	1078980	47.601	ng	99
73) Carbazole	11.633	167	993041	44.369	ng	100
74) Di-n-butylphthalate	11.957	149	1192406	44.389	ng	100
75) Fluoranthene	12.616	202	1151225	44.367	ng	100
77) Benzidine	12.739	184	284086	25.267	ng	99
78) Pyrene	12.851	202	1166778	46.565	ng	100
80) Butylbenzylphthalate	13.457	149	460791	47.871	ng	98
81) Benzo(a)anthracene	14.045	228	862530	44.801	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	177745	29.046	ng	100
83) Chrysene	14.086	228	799412	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	606727	47.223	ng	100
85) Di-n-octyl phthalate	14.669	149	815449	45.064	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721757	49.098	ng	99
88) Benzo(b)fluoranthene	15.127	252	662250	42.541	ng	100
89) Benzo(k)fluoranthene	15.163	252	590265	46.415	ng	100
90) Benzo(a)pyrene	15.504	252	588626	48.691	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	592002	48.720	ng	100
92) Benzo(g,h,i)perylene	17.539	276	559109	45.008	ng	99

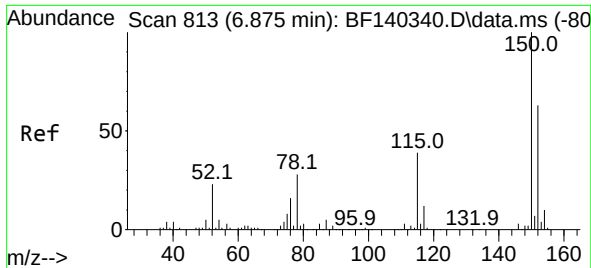
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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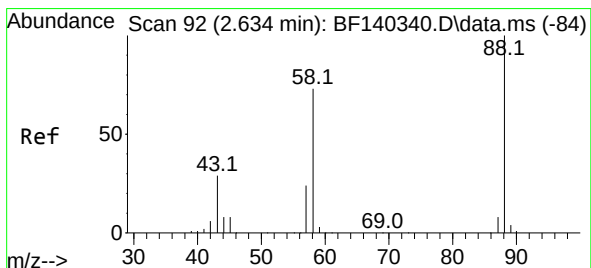
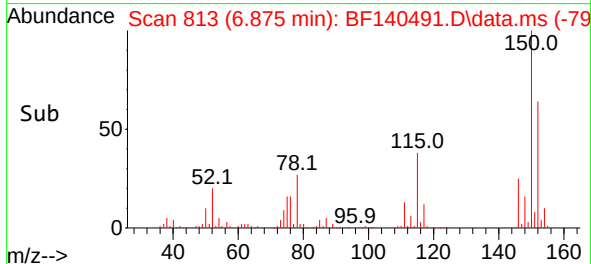
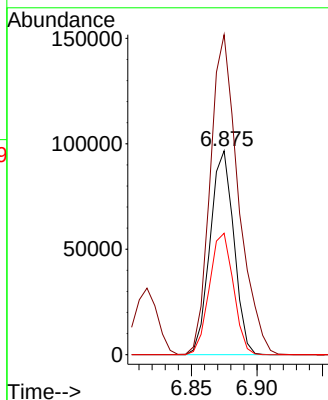
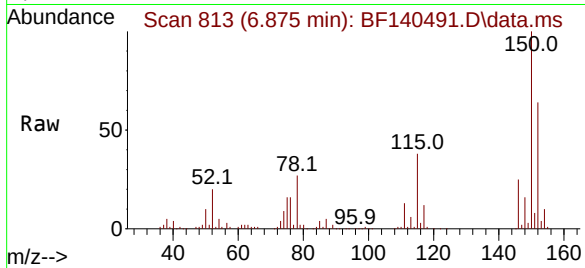




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

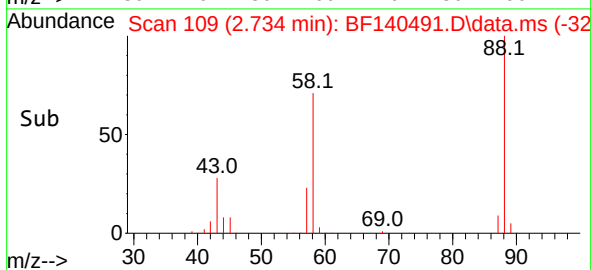
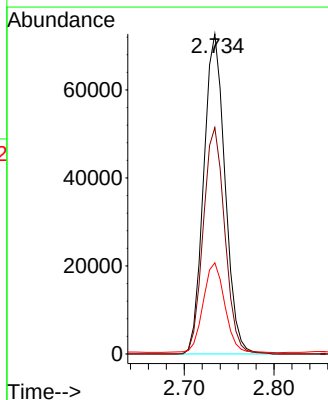
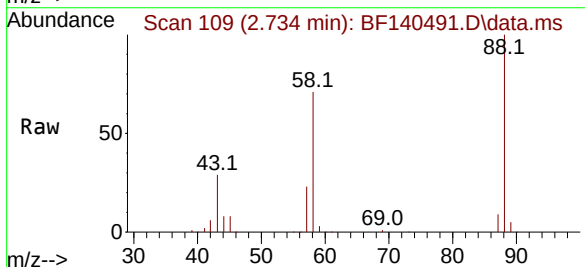
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 BNA_F
 ClientSampleId :
 PB165039BSD

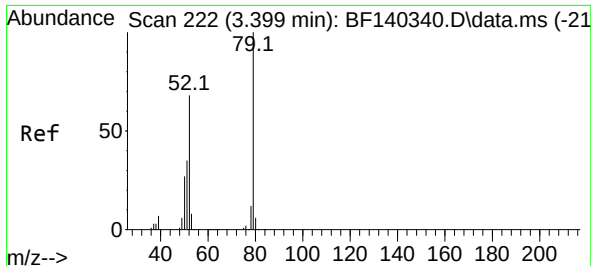
Tgt Ion:152 Resp: 121736
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.4 191.0
 115 59.6 47.4 71.2



#2
 1,4-Dioxane
 Concen: 37.766 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion: 88 Resp: 120012
 Ion Ratio Lower Upper
 88 100
 58 71.5 59.5 89.3
 43 28.5 23.4 35.2





#3

Pyridine

Concen: 39.170 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

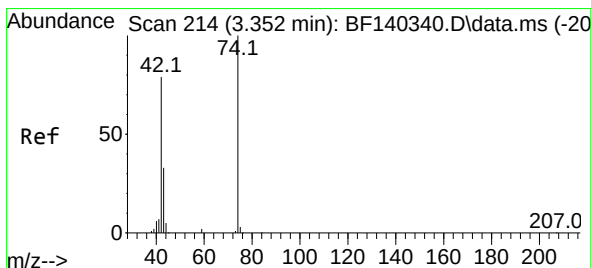
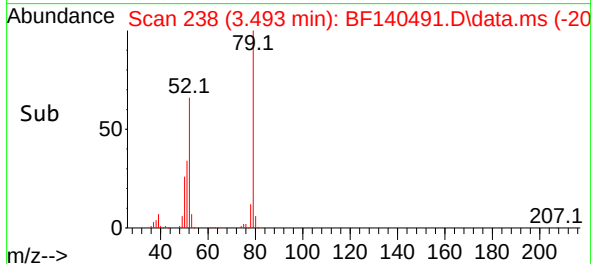
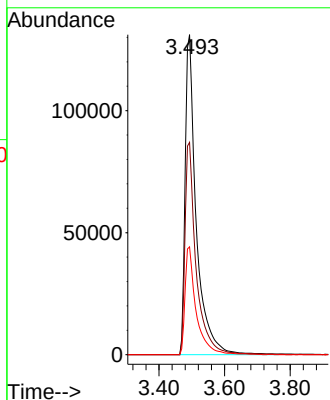
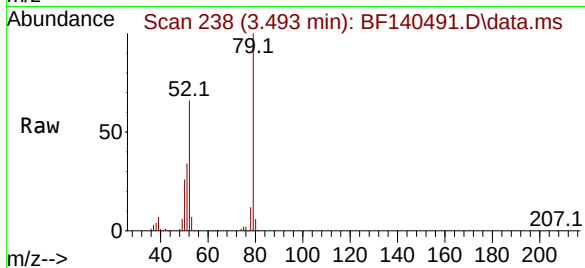
Tgt Ion: 79 Resp: 306008

Ion Ratio Lower Upper

79 100

52 66.4 53.8 80.6

51 33.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.287 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

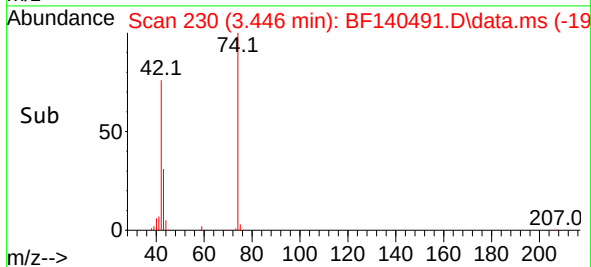
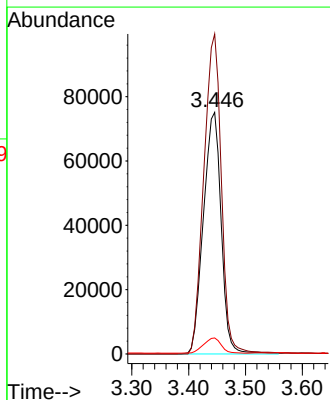
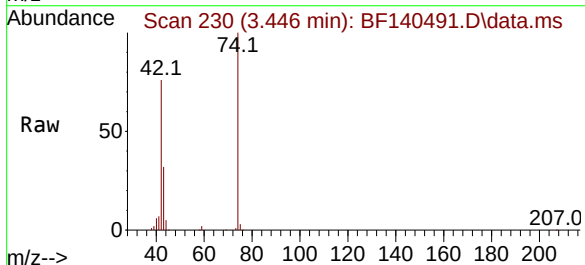
Tgt Ion: 42 Resp: 163019

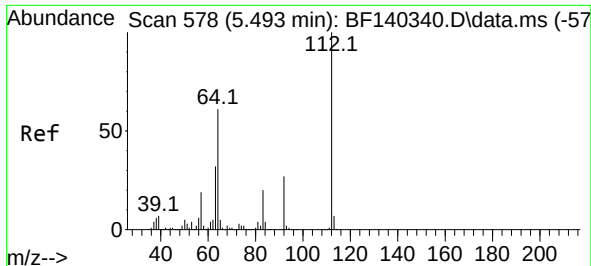
Ion Ratio Lower Upper

42 100

74 132.4 103.5 155.3

44 6.6 5.1 7.7

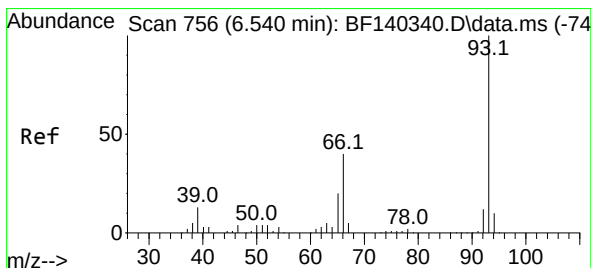
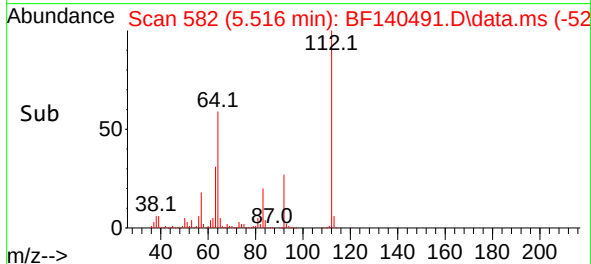
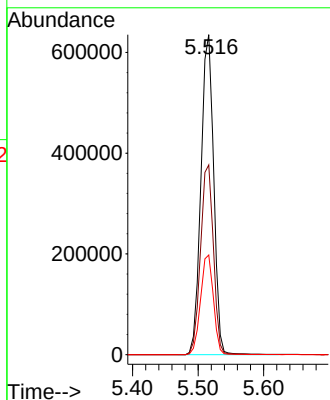
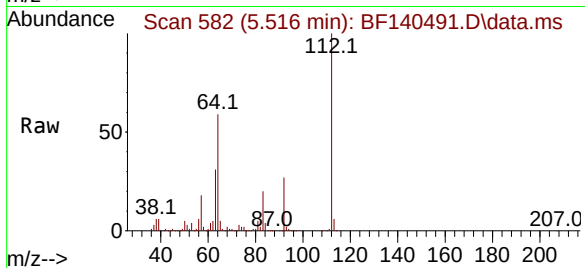




#5
2-Fluorophenol
Concen: 120.888 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

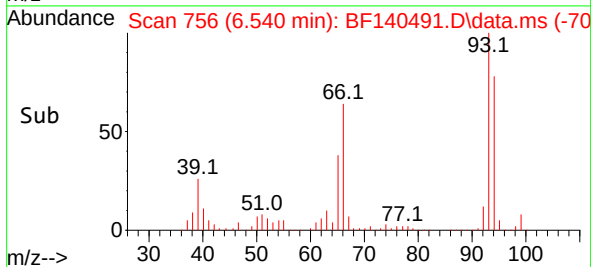
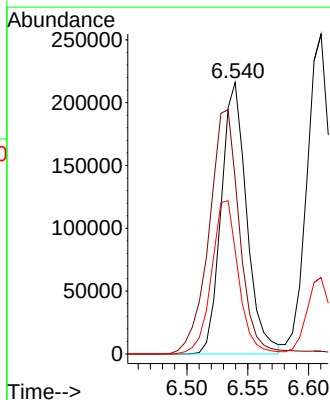
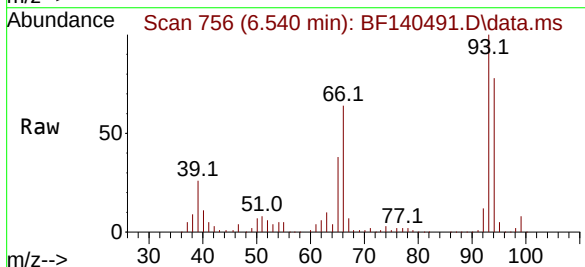
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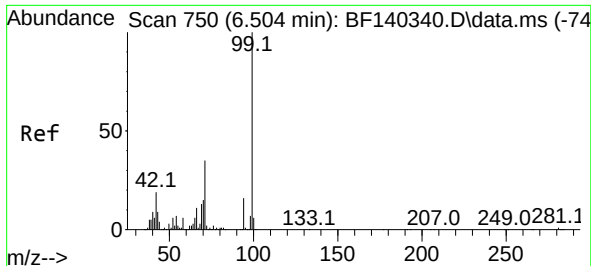
Tgt Ion:112 Resp: 861930
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.2 25.6 38.4



#6
Aniline
Concen: 37.392 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 93 Resp: 314213
Ion Ratio Lower Upper
93 100
66 64.5 32.8 49.2#
65 38.1 16.6 25.0#

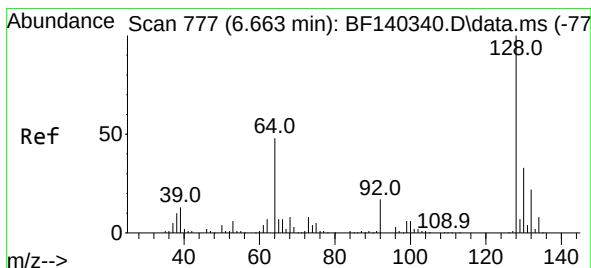
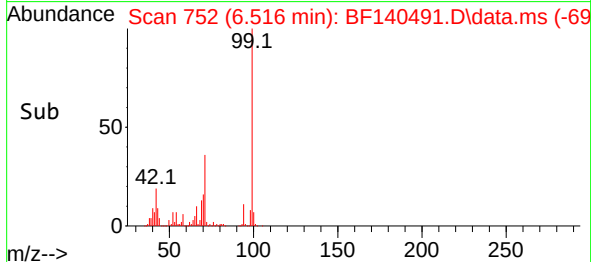
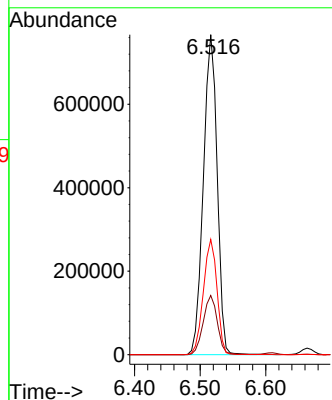
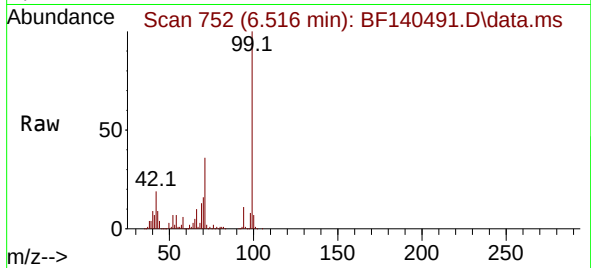




#7
Phenol-d6
Concen: 116.559 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

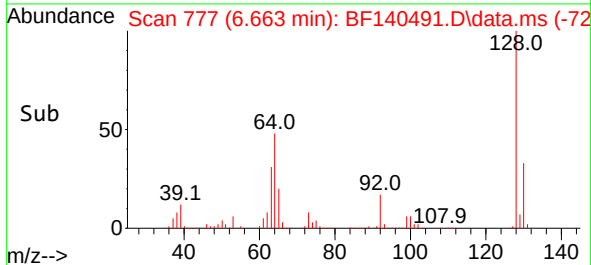
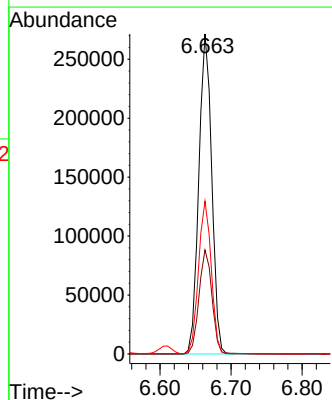
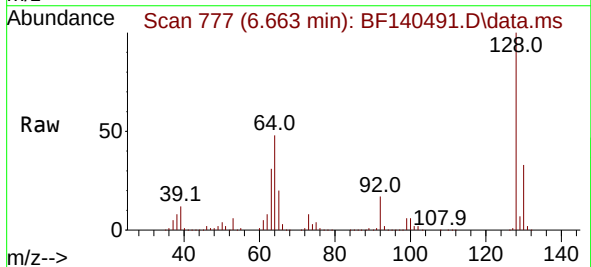
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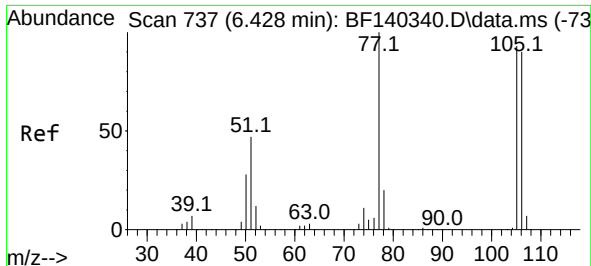
Tgt Ion: 99 Resp: 1125959
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 36.0 27.9 41.9



#8
2-Chlorophenol
Concen: 44.940 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 128 Resp: 344192
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.8 30.2 70.2

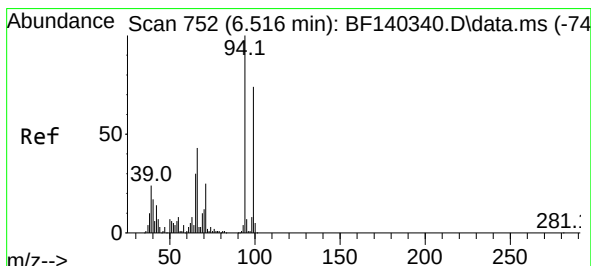
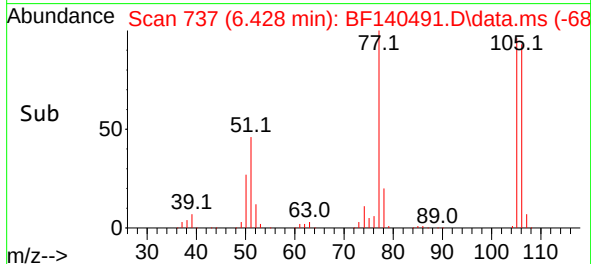
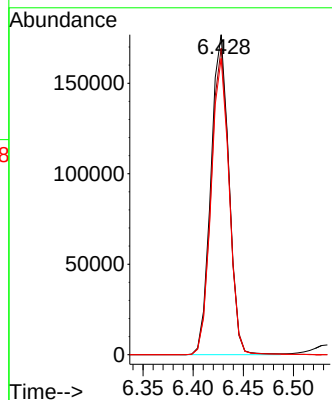
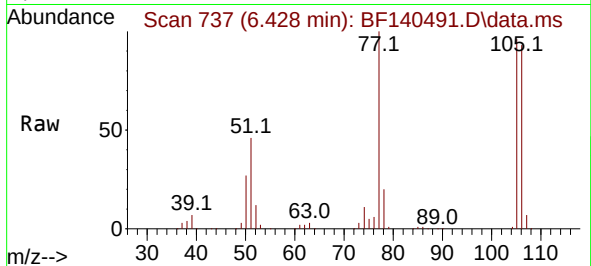




#9
Benzaldehyde
Concen: 38.252 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140491.D
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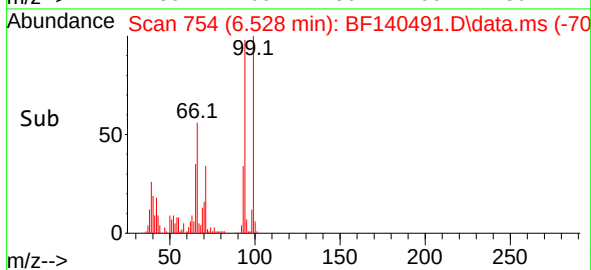
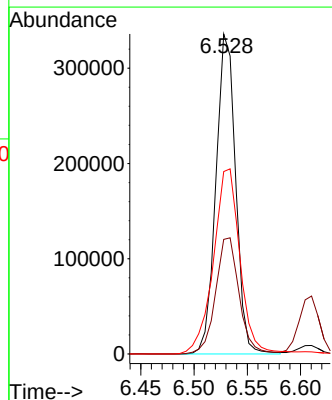
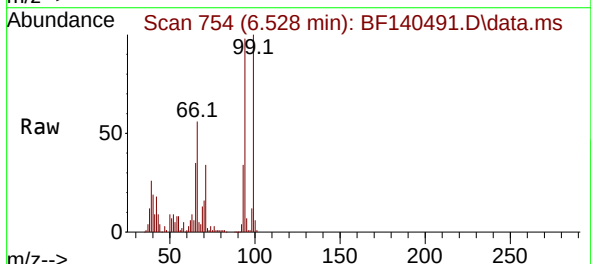
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ClientSampleId :
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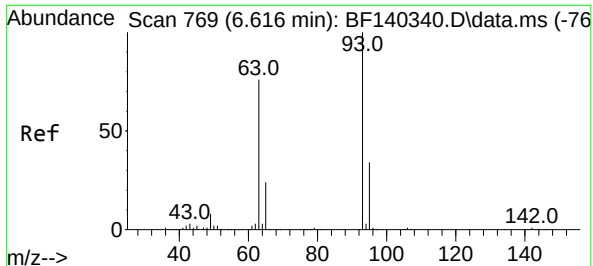
Tgt Ion:	77	Resp:	221462
Ion	Ratio	Lower	Upper
77	100		
105	95.7	74.4	114.4
106	92.6	69.9	109.9



#10
Phenol
Concen: 42.403 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140491.D
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Tgt Ion:	94	Resp:	431969
Ion	Ratio	Lower	Upper
94	100		
65	35.8	10.4	50.4
66	57.0	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 44.084 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

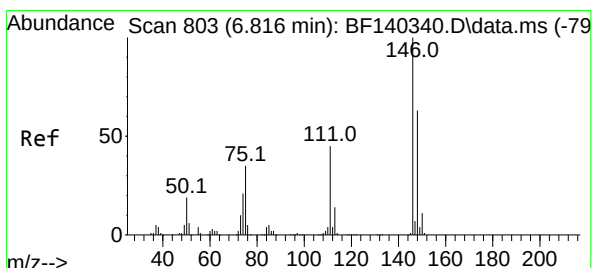
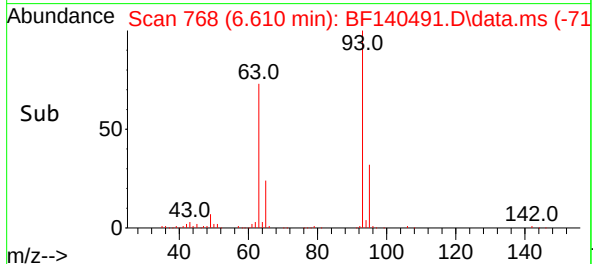
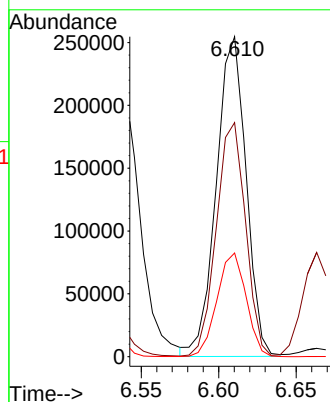
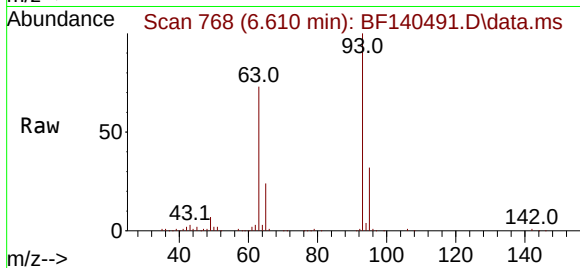
Tgt Ion: 93 Resp: 340281

Ion Ratio Lower Upper

93 100

63 73.2 54.0 94.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.917 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

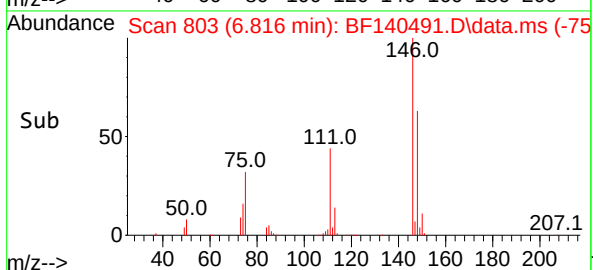
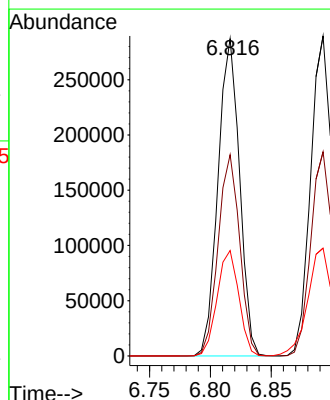
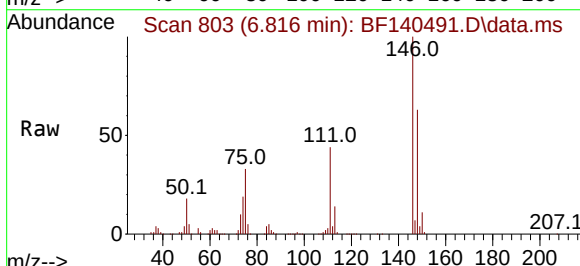
Tgt Ion:146 Resp: 354222

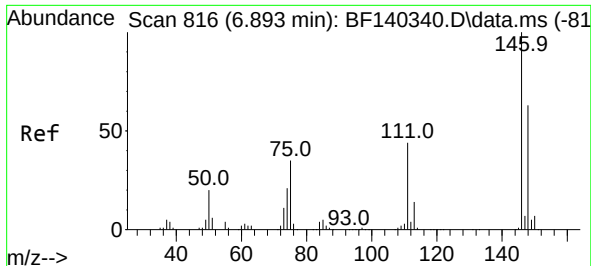
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

75 33.2 26.4 39.6

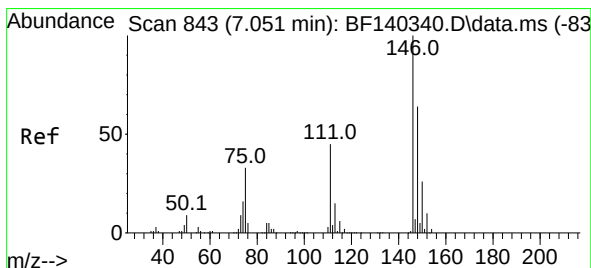
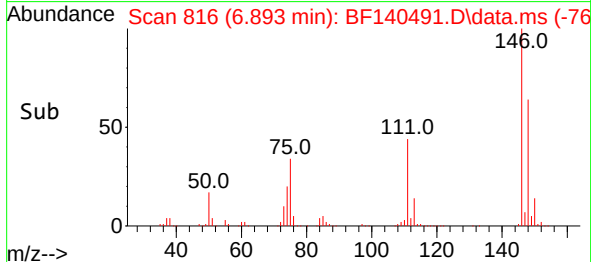
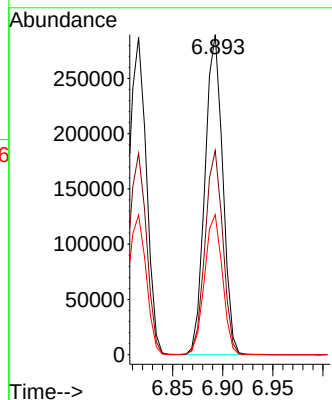
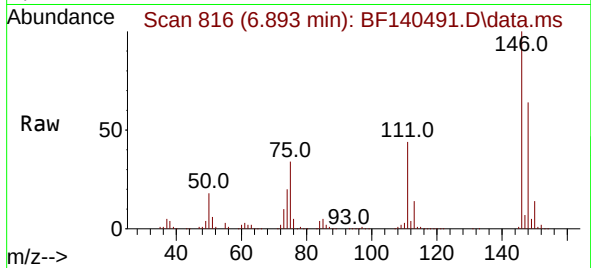




#13
1,4-Dichlorobenzene
Concen: 41.838 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

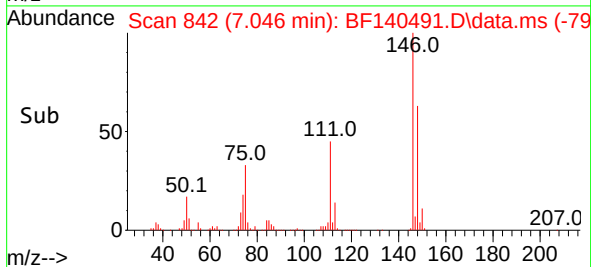
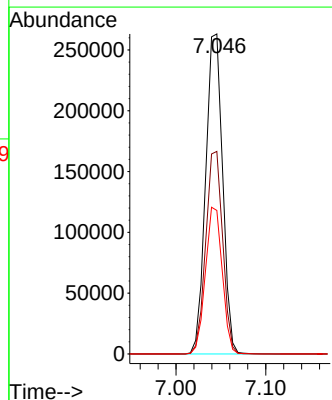
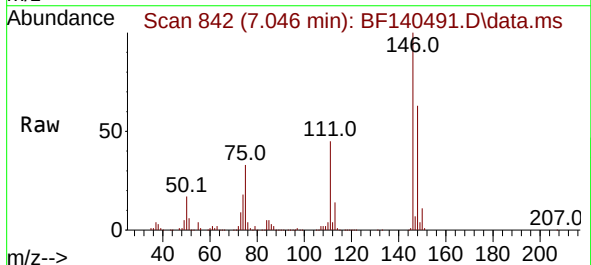
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

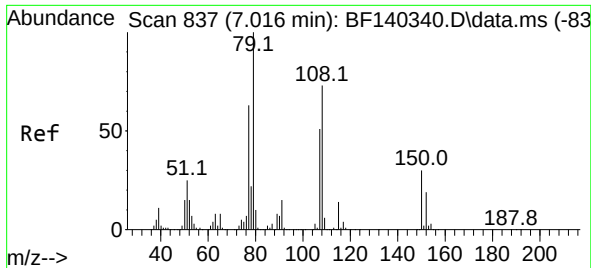
Tgt Ion:146 Resp: 358495
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.421 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:146 Resp: 345395
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.9 36.5 54.7

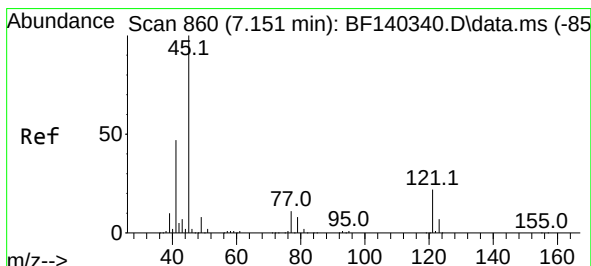
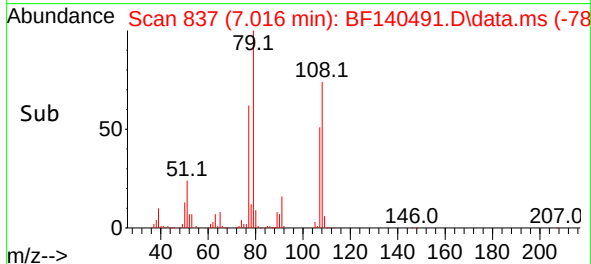
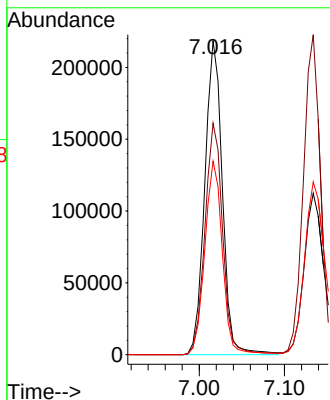
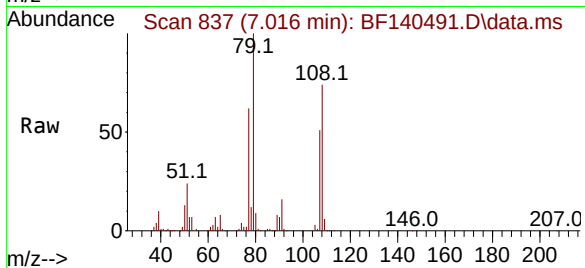




#15
Benzyl Alcohol
Concen: 44.981 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

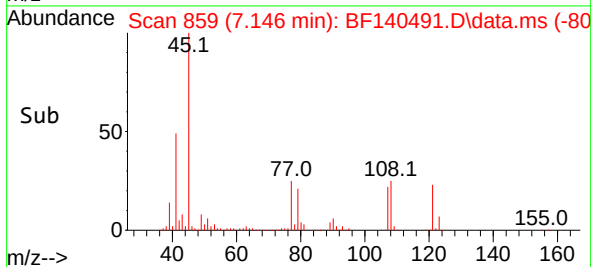
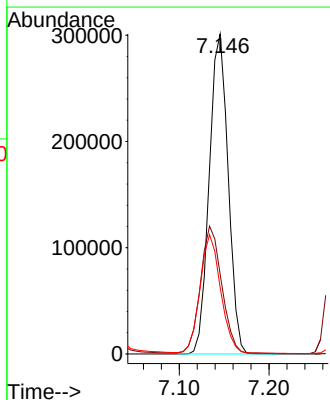
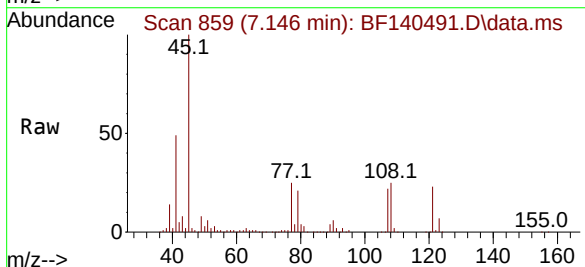
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

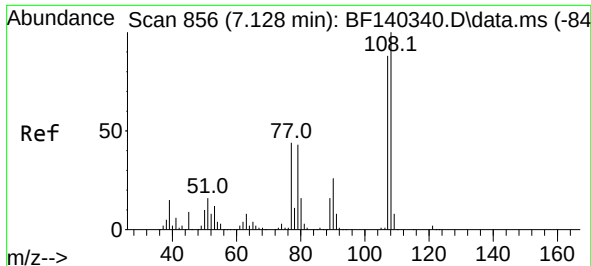
Tgt Ion: 79 Resp: 313056
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.6
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.261 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 45 Resp: 439921
Ion Ratio Lower Upper
45 100
77 25.0 0.0 34.8
79 20.8 0.0 31.4

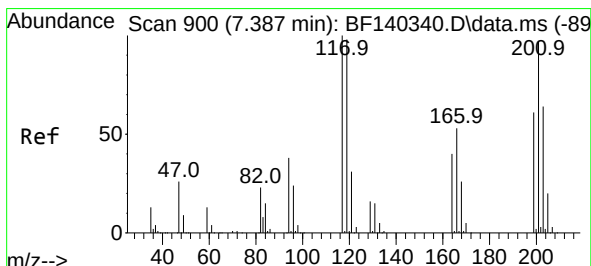
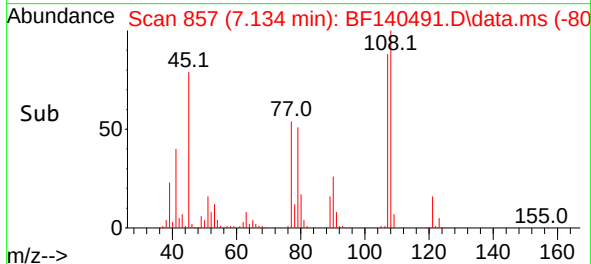
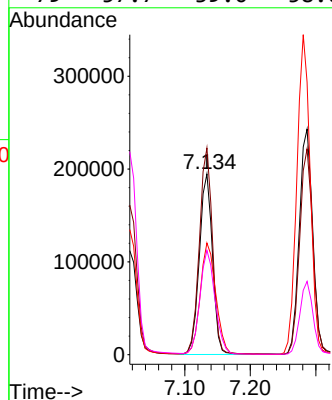
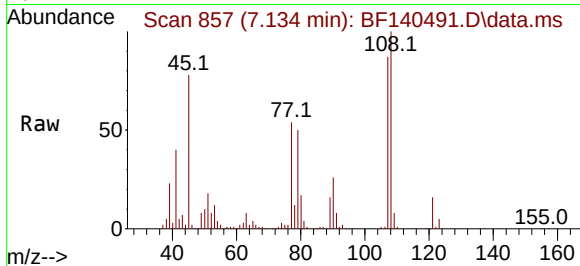




#17
2-Methylphenol
Concen: 43.257 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

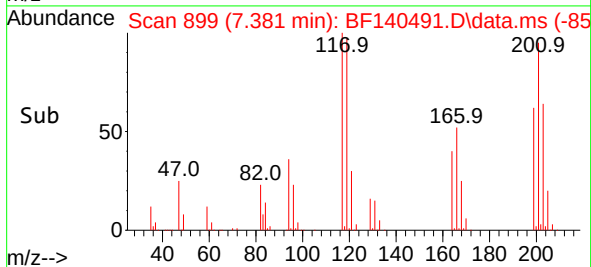
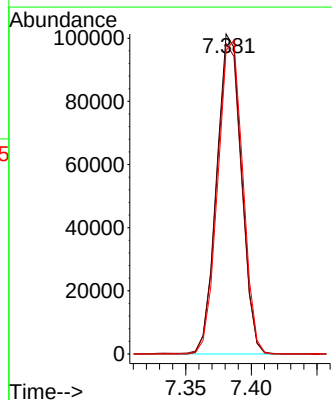
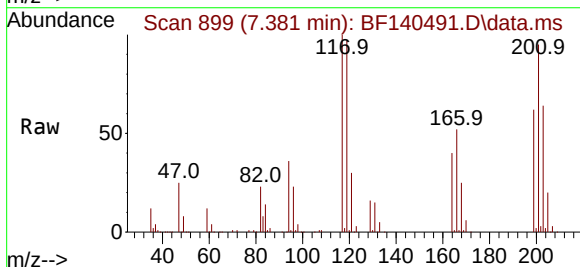
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

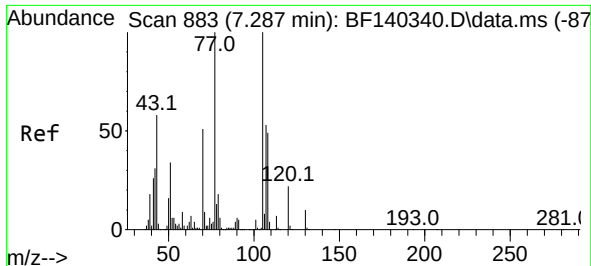
Tgt Ion:107 Resp: 272538
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 61.8 39.7 59.5#
79 57.7 39.0 58.6



#18
Hexachloroethane
Concen: 42.072 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:117 Resp: 133272
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 94.8 80.2 120.4

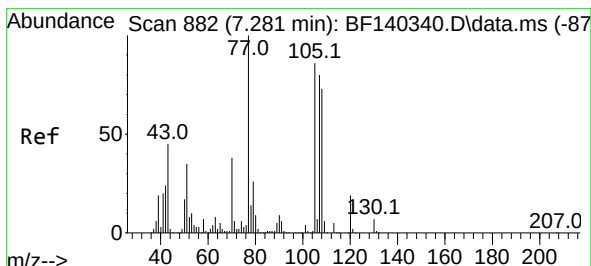
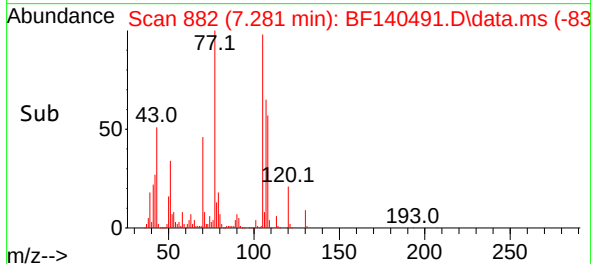
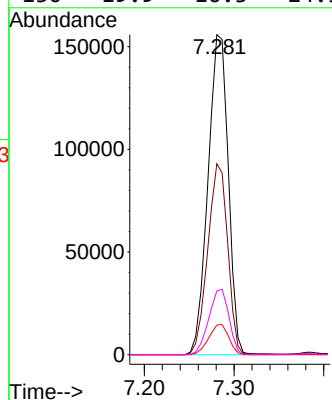
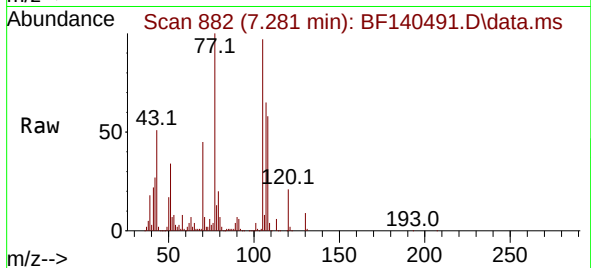




#19
n-Nitroso-di-n-propylamine
Concen: 41.903 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

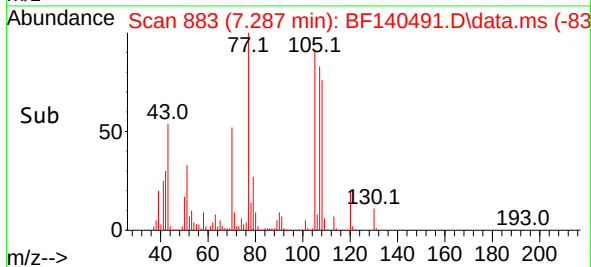
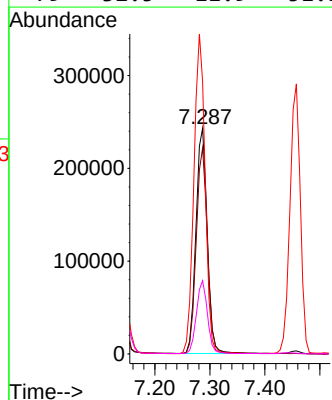
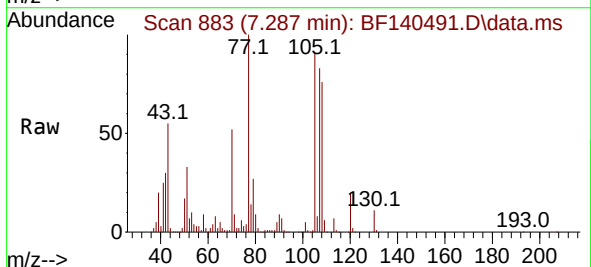
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

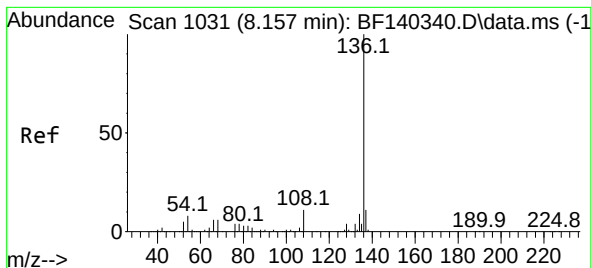
Tgt Ion:	70	Resp:	244474
Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.8	70.2
101	9.2	7.5	11.3
130	19.9	16.3	24.5



#20
3+4-Methylphenols
Concen: 43.871 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:	107	Resp:	345679
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.4	111.4
77	120.8	97.0	137.0
79	32.5	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:136 Resp: 462447

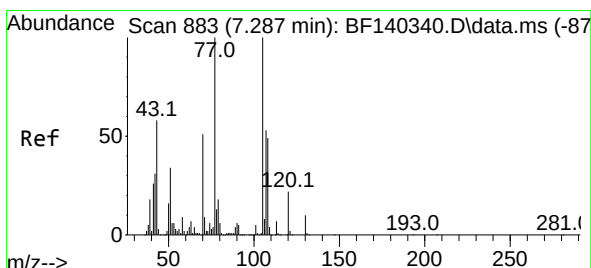
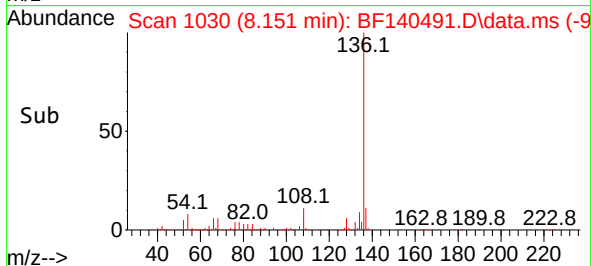
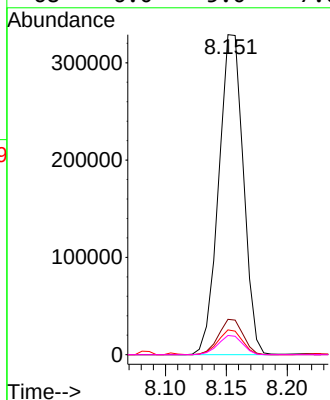
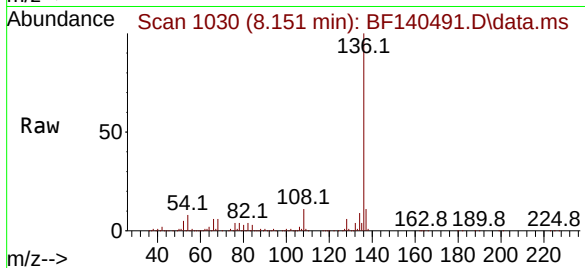
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.8 6.5 9.7

68 6.0 5.0 7.6



#22

Acetophenone

Concen: 42.760 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:105 Resp: 459909

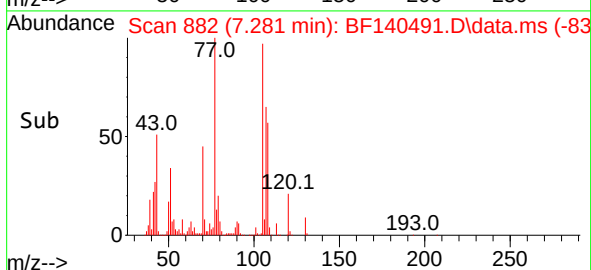
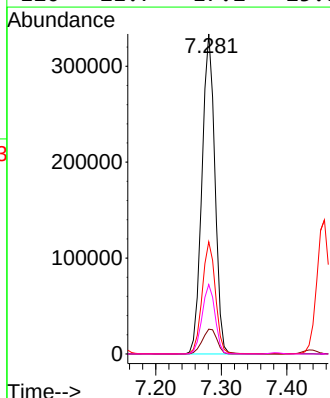
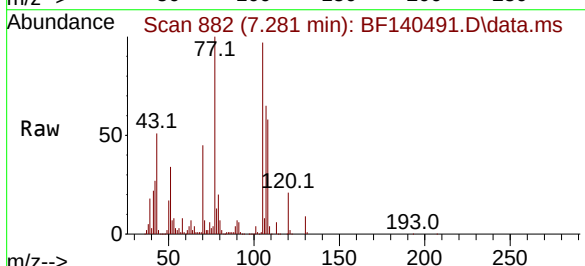
Ion Ratio Lower Upper

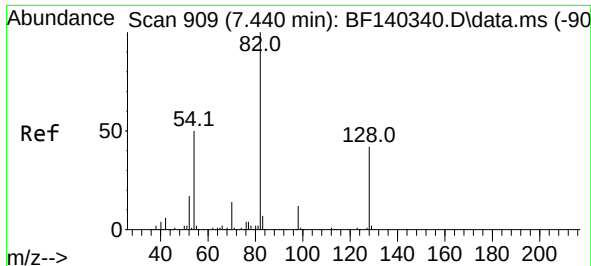
105 100

71 7.7 6.9 10.3

51 35.1 28.6 43.0

120 21.7 17.2 25.8

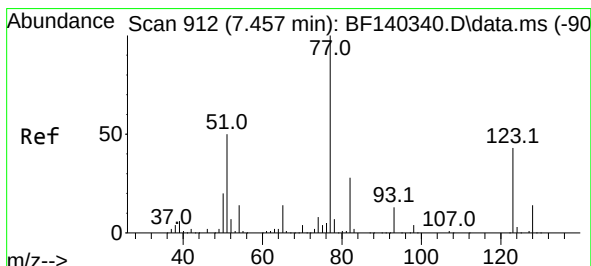
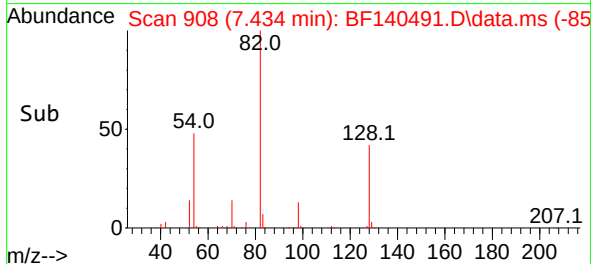
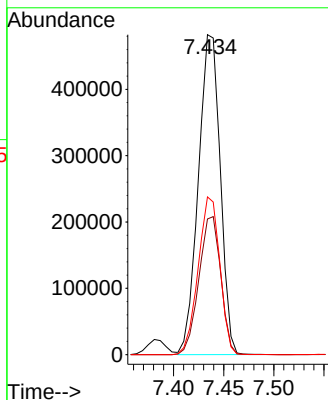
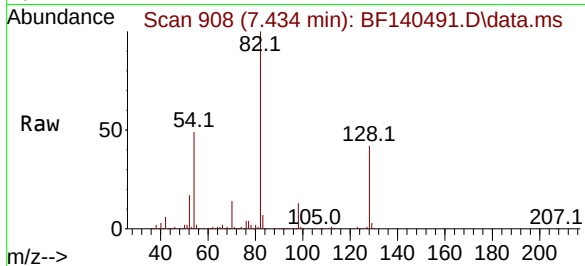




#23
Nitrobenzene-d5
Concen: 82.725 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

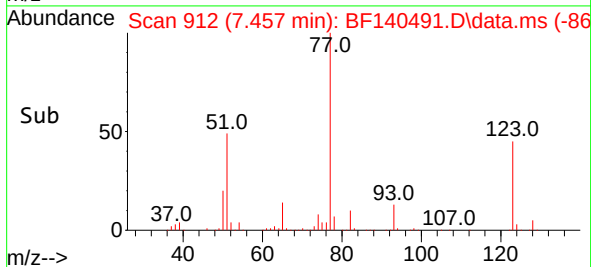
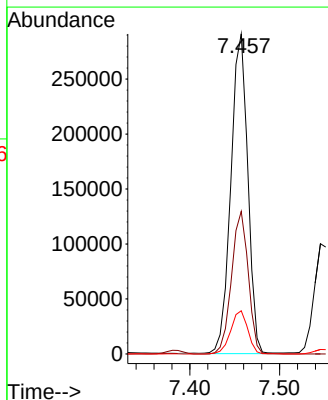
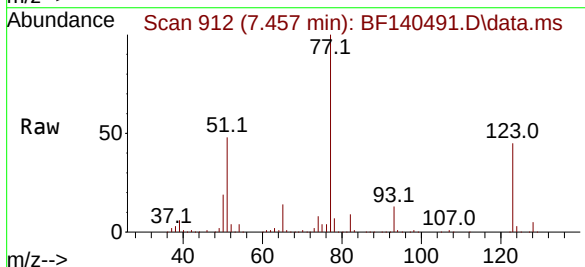
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

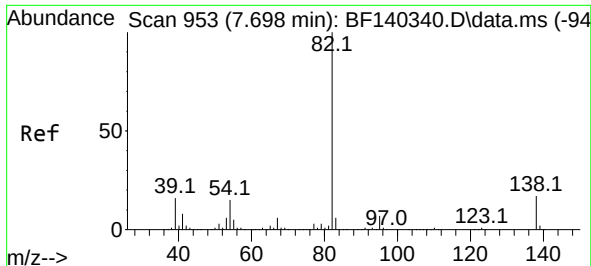
Tgt Ion: 82 Resp: 734239
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.3 39.8 59.8



#24
Nitrobenzene
Concen: 41.275 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 77 Resp: 381425
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.0
65 13.5 11.1 16.7

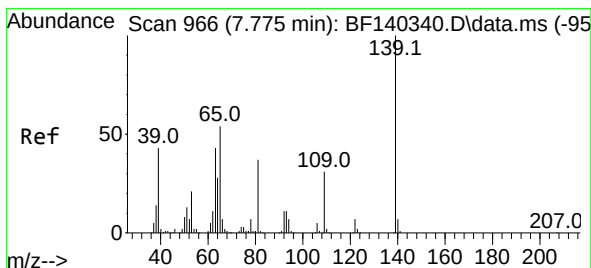
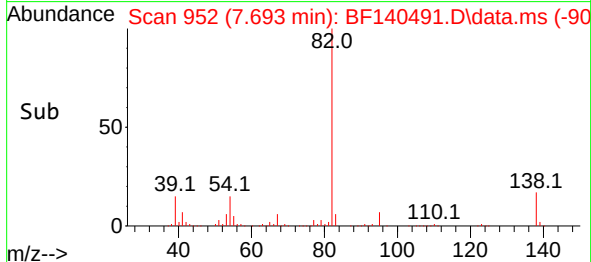
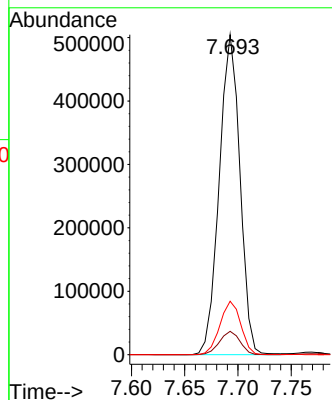
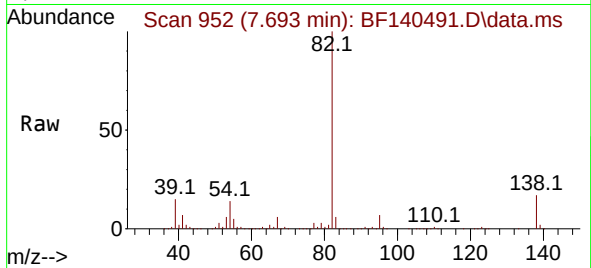




#25
Isophorone
Concen: 43.287 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

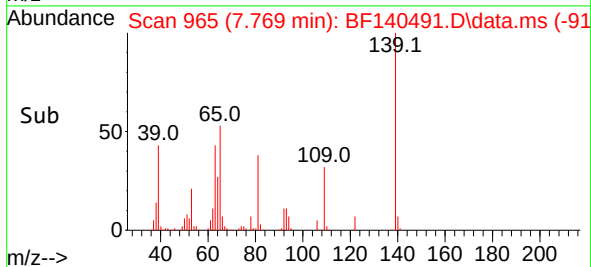
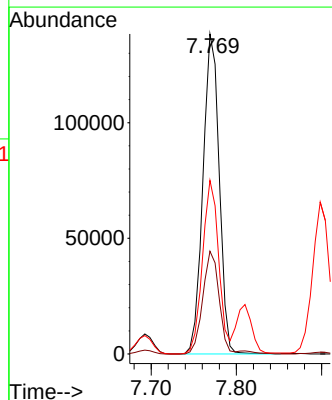
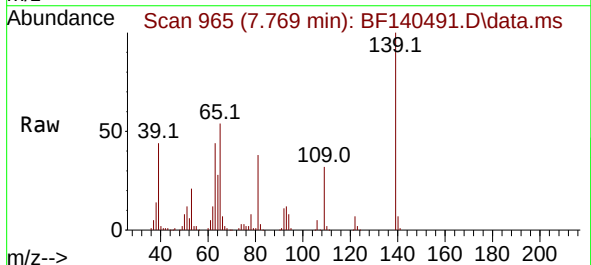
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

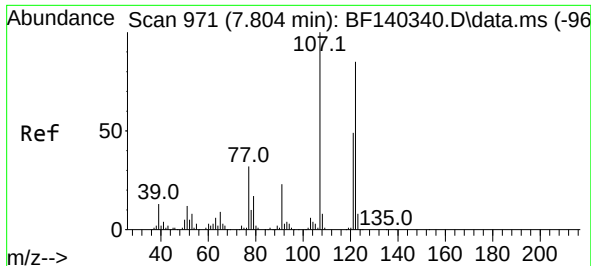
Tgt Ion: 82 Resp: 680917
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 44.853 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 183934
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 54.2 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 50.555 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

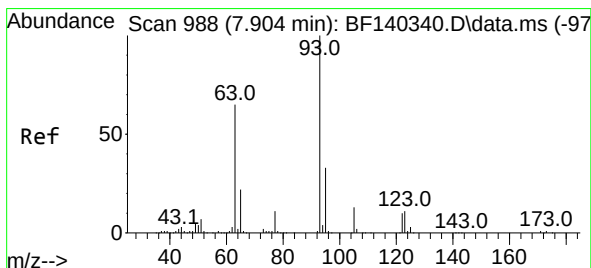
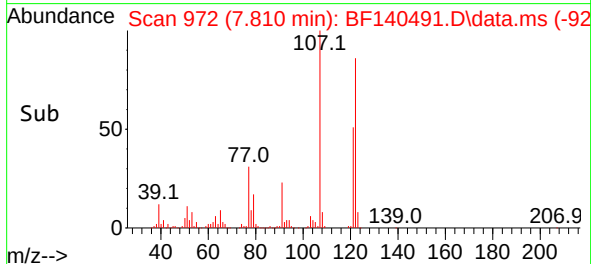
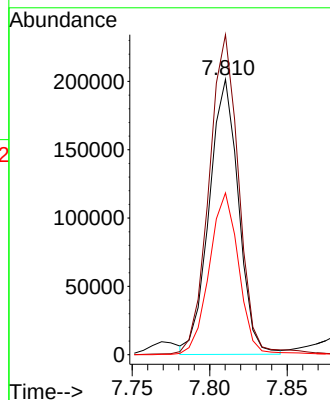
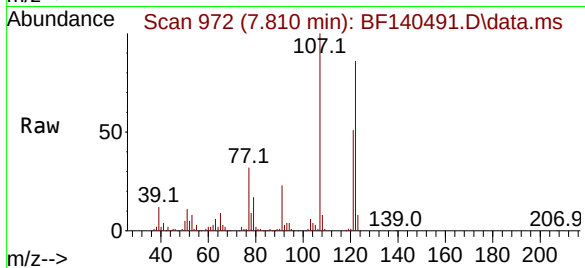
Tgt Ion:122 Resp: 265419

Ion Ratio Lower Upper

122 100

107 116.2 91.3 136.9

121 58.7 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.646 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

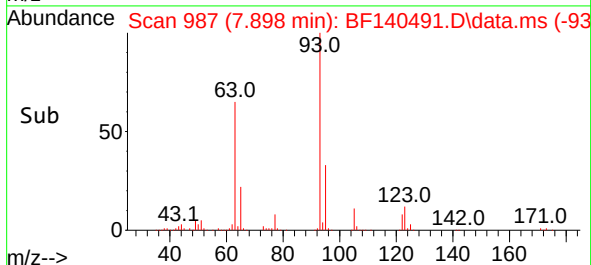
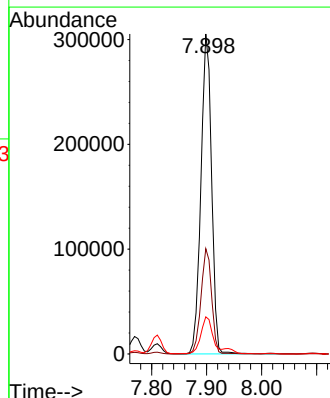
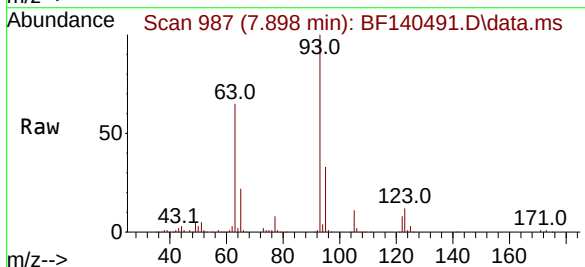
Tgt Ion: 93 Resp: 411343

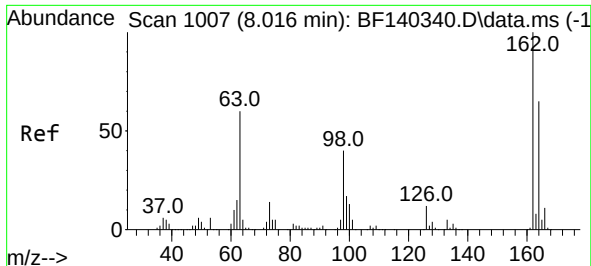
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.830 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

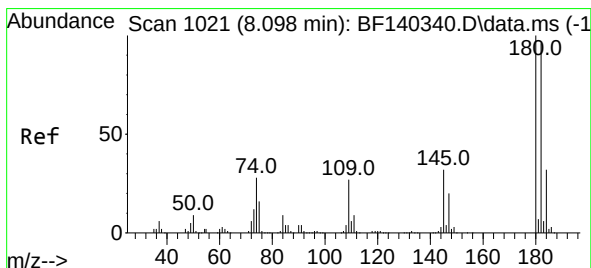
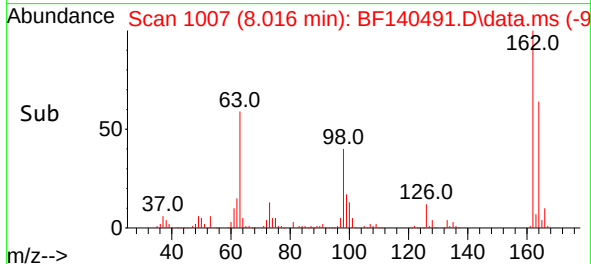
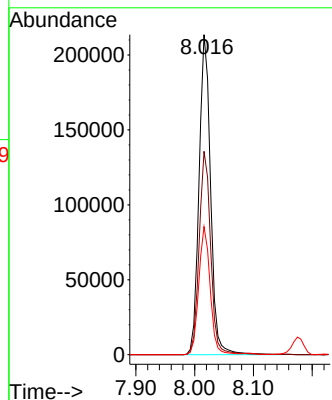
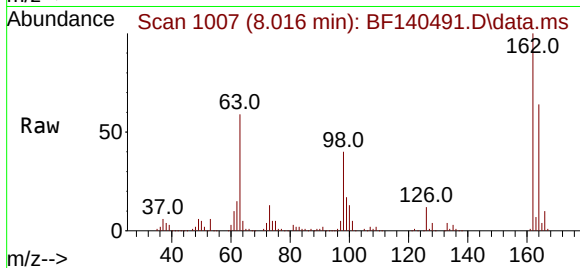
Tgt Ion:162 Resp: 290874

Ion Ratio Lower Upper

162 100

164 63.6 45.4 85.4

98 40.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.340 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

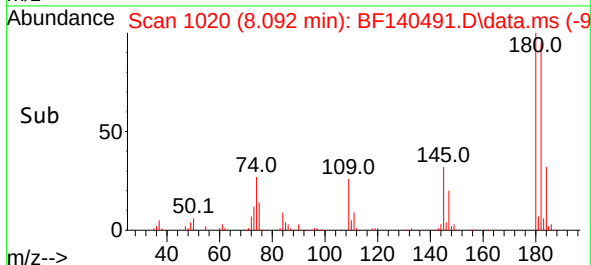
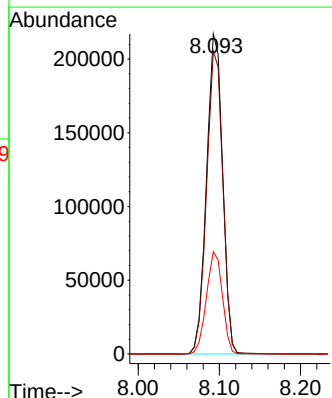
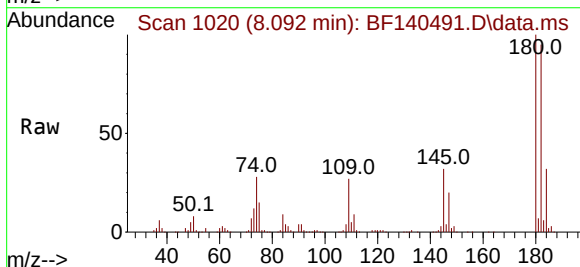
Tgt Ion:180 Resp: 298628

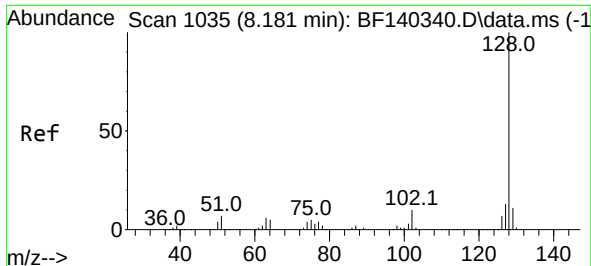
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 31.9 25.3 37.9

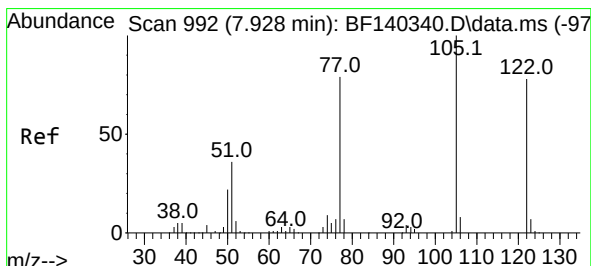
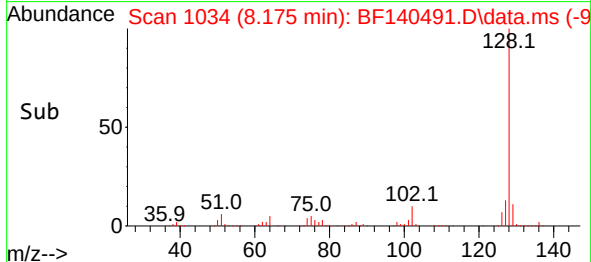
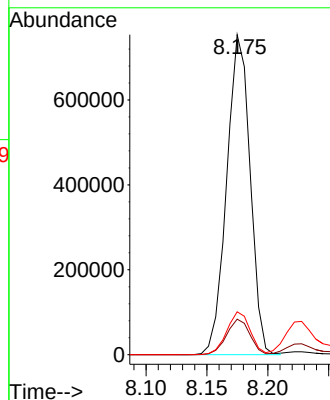
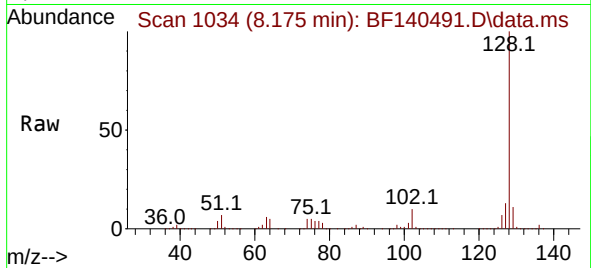




#31
Naphthalene
Concen: 43.004 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

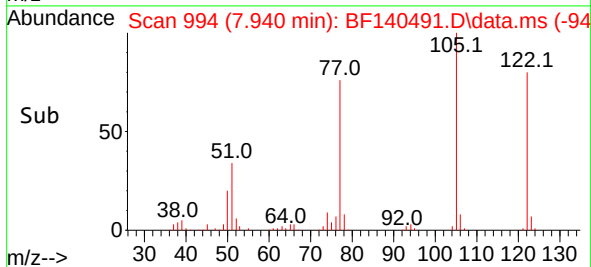
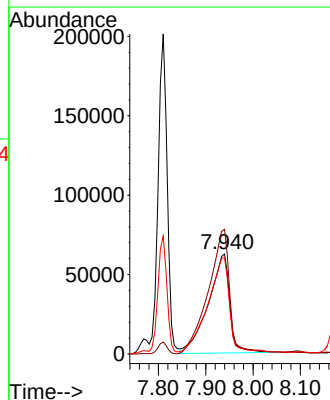
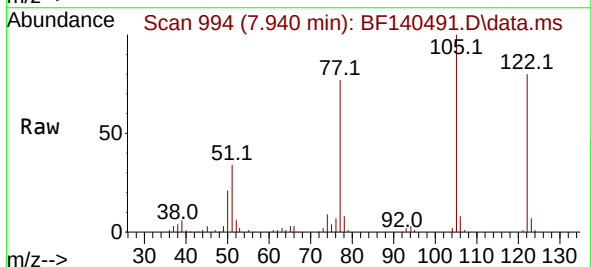
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

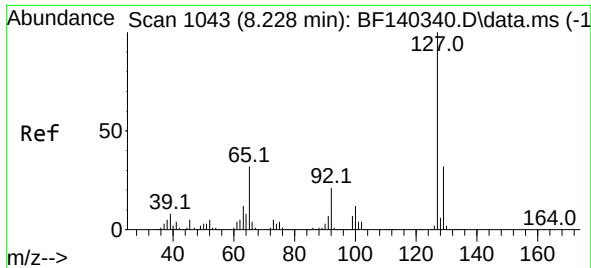
Tgt Ion:128 Resp: 1008837
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 42.482 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:122 Resp: 196256
Ion Ratio Lower Upper
122 100
105 124.6 100.9 140.9
77 96.2 76.0 116.0

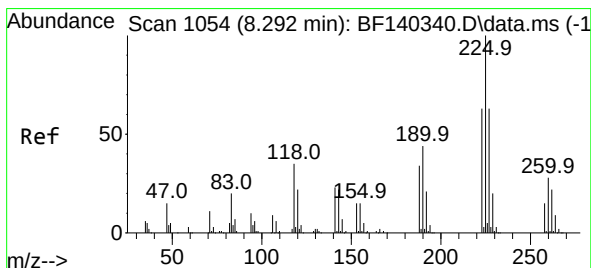
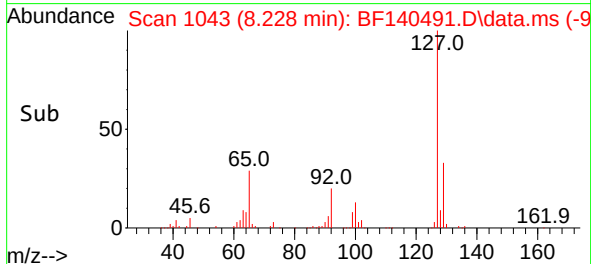
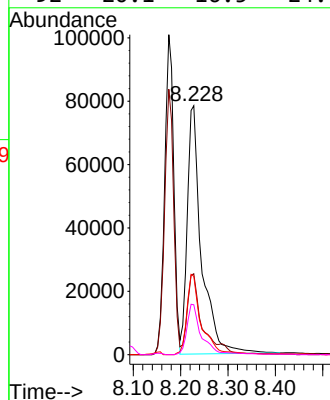
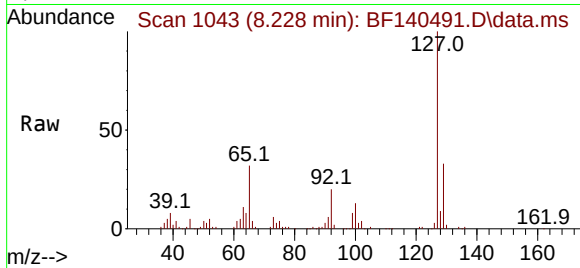




#33
4-Chloroaniline
Concen: 20.164 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

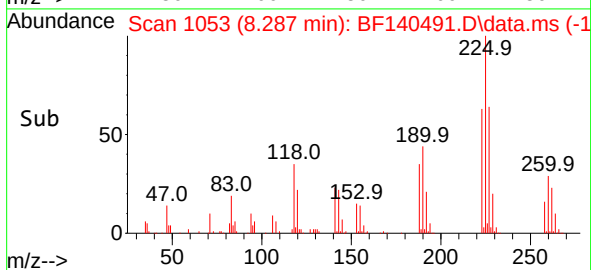
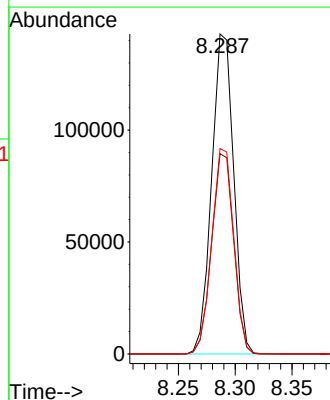
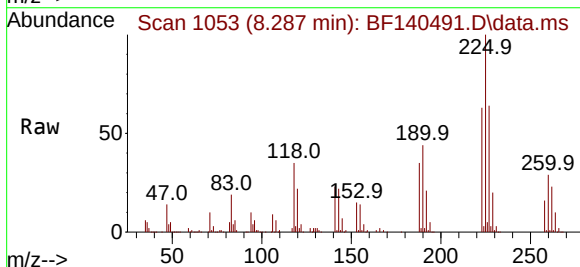
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

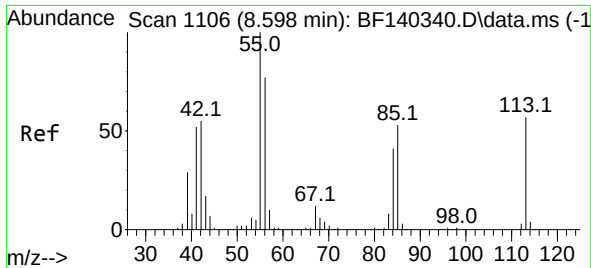
Tgt Ion:	127	Resp:	164503
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.5	25.8	38.6
92	20.1	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:	225	Resp:	192600
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.2	51.3	76.9

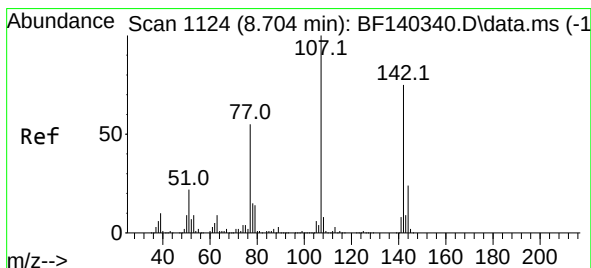
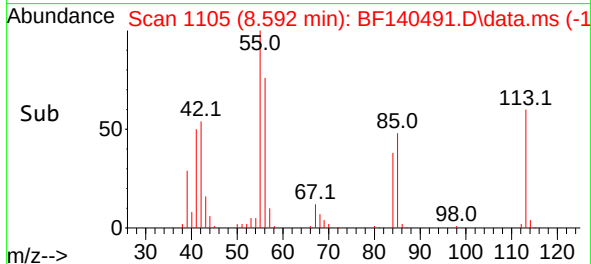
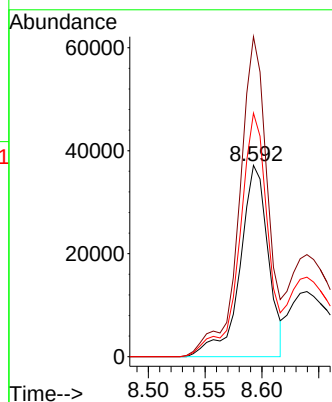
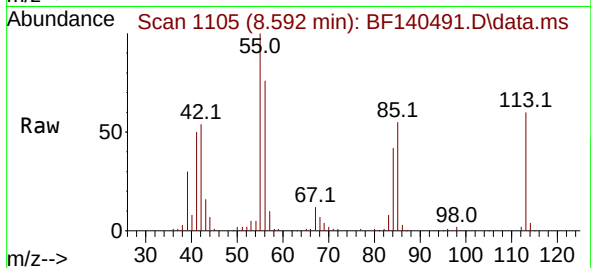




#35
 Caprolactam
 Concen: 29.811 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

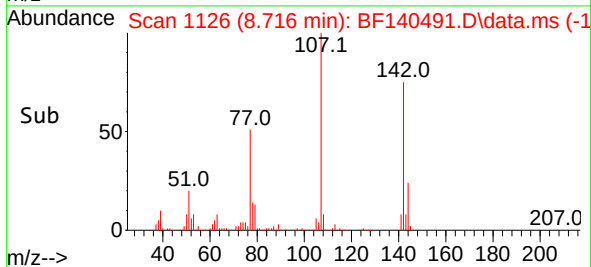
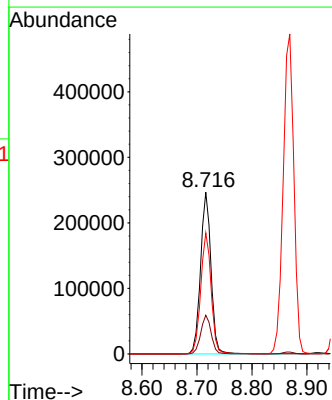
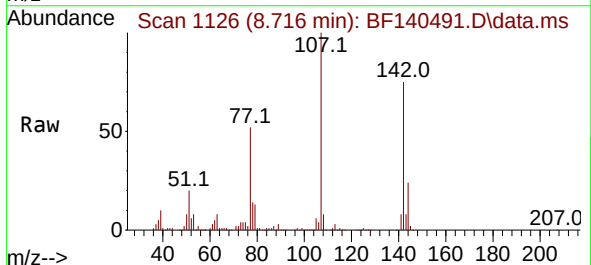
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

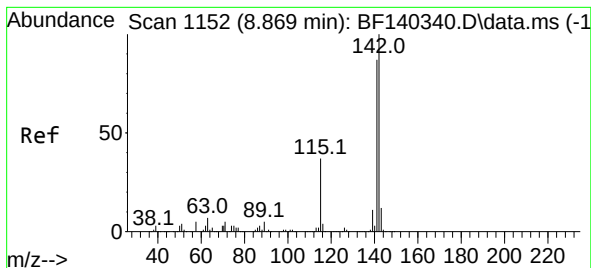
Tgt Ion:113 Resp: 64289
 Ion Ratio Lower Upper
 113 100
 55 167.2 150.0 190.0
 56 127.3 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.505 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion:107 Resp: 327203
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.558 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

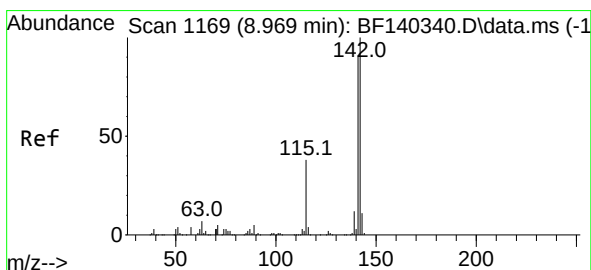
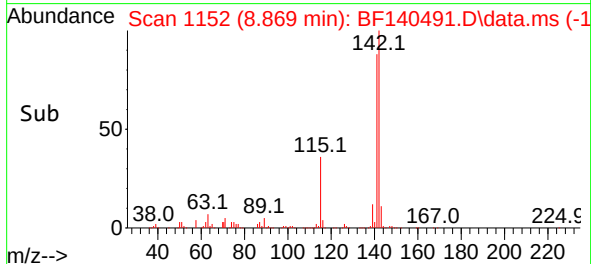
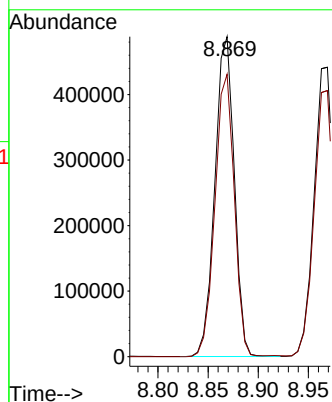
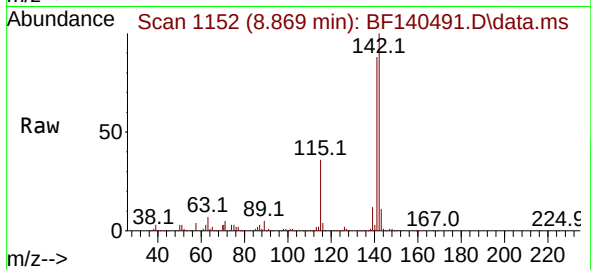
PB165039BSD

Tgt Ion:142 Resp: 655213

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.319 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140491.D

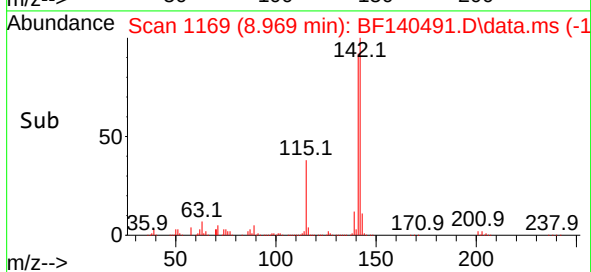
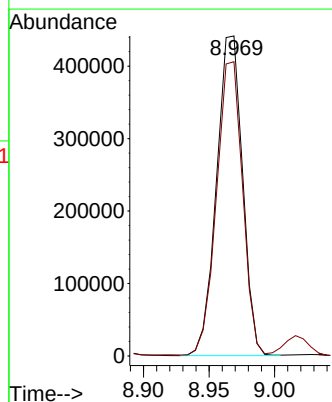
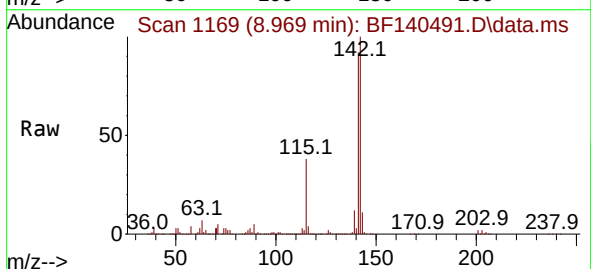
Acq: 20 Nov 2024 10:49

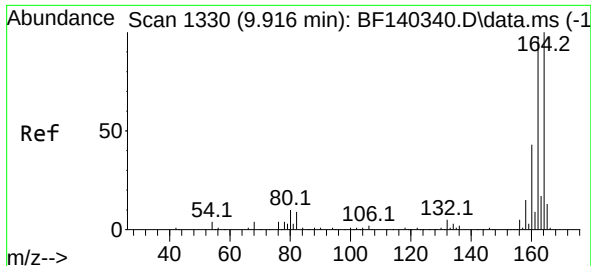
Tgt Ion:142 Resp: 608630

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4

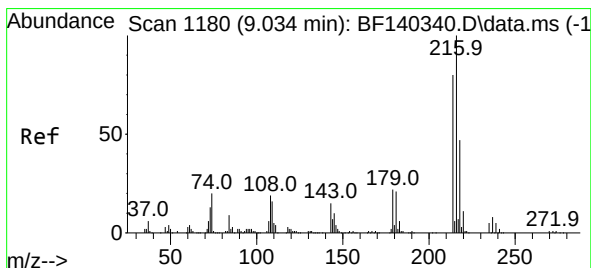
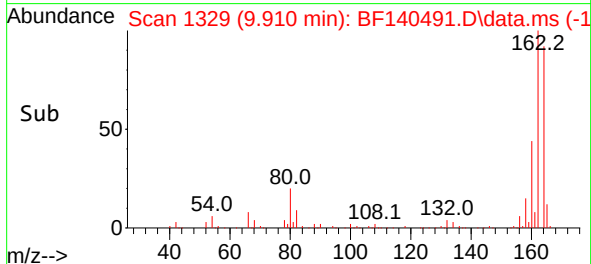
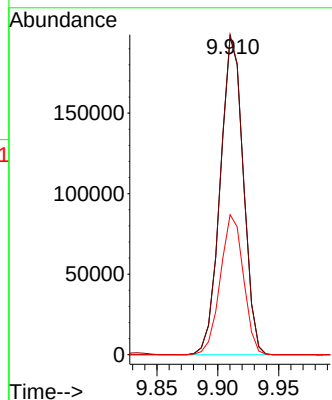
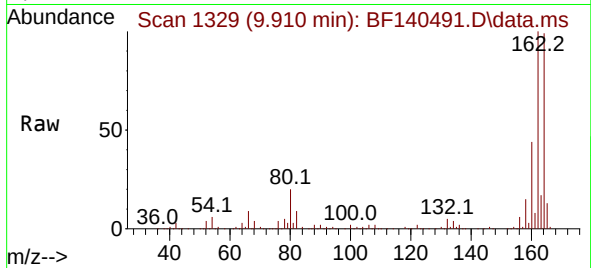




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

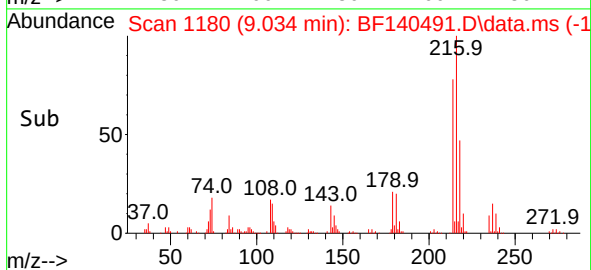
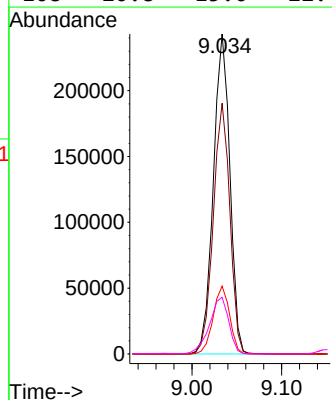
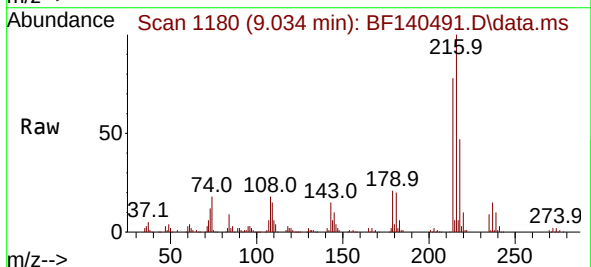
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

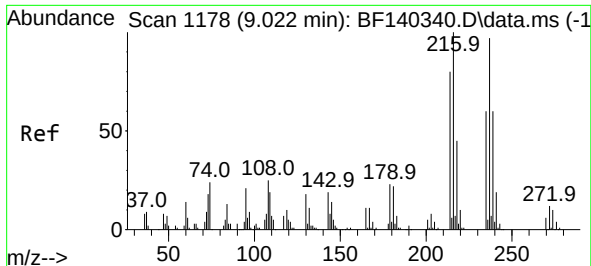
Tgt Ion:164 Resp: 259407
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.365 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:216 Resp: 311076
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 21.1 17.2 25.8
108 20.8 15.0 22.4

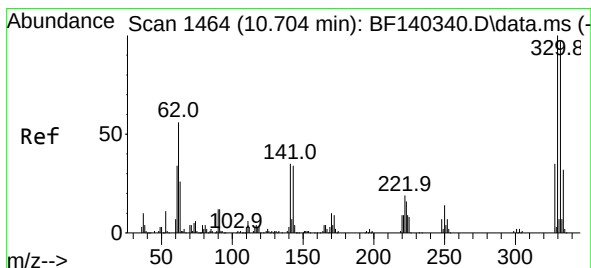
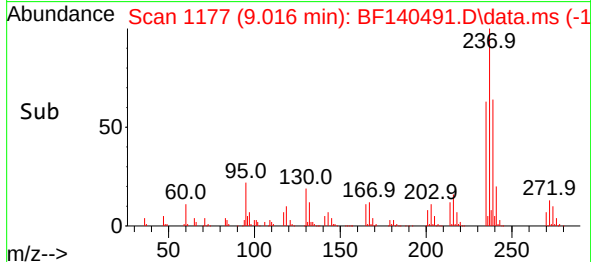
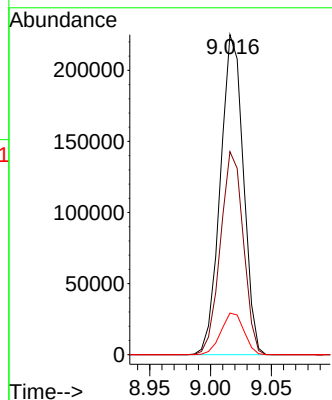
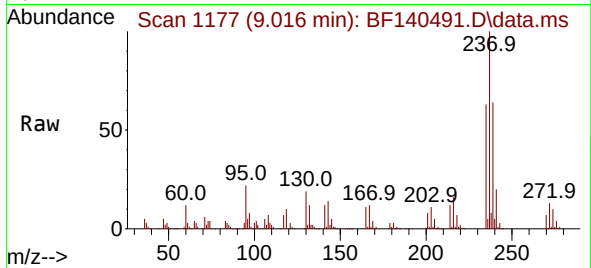




#41
Hexachlorocyclopentadiene
Concen: 160.562 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

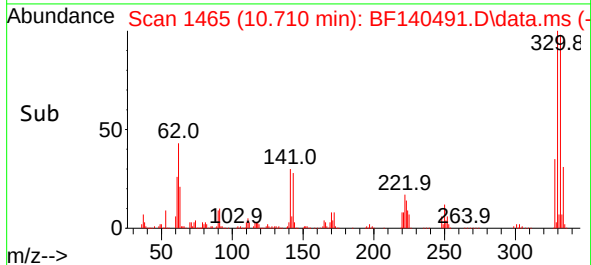
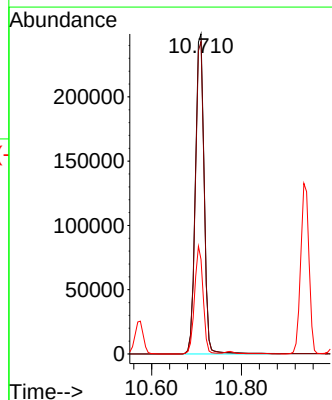
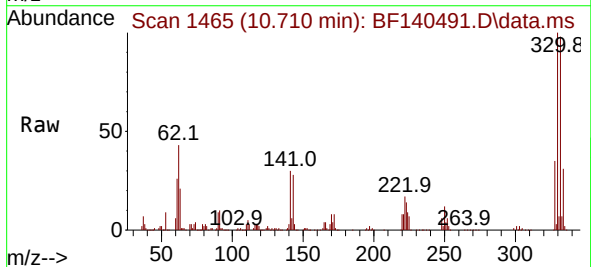
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

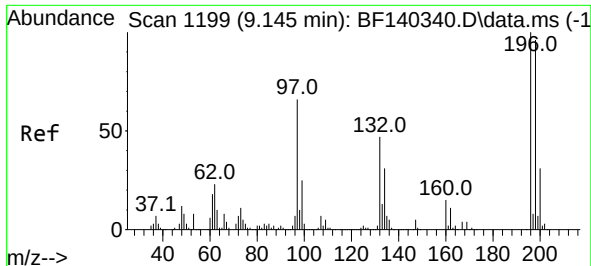
Tgt Ion:237 Resp: 295724
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 131.016 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:330 Resp: 337968
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 32.7 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.545 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

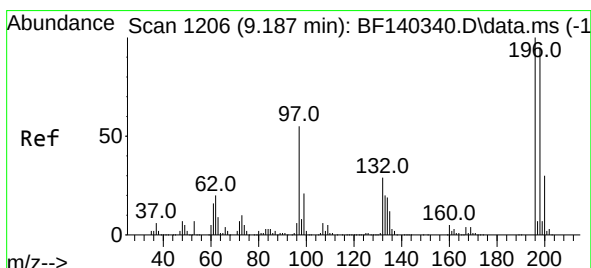
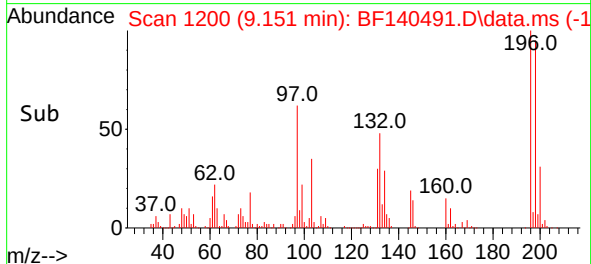
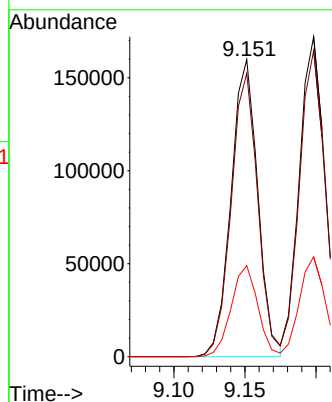
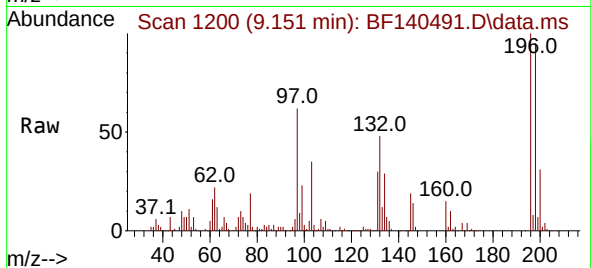
Tgt Ion:196 Resp: 209705

Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.4

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.881 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:196 Resp: 220709

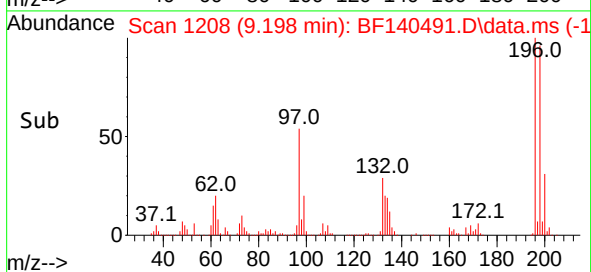
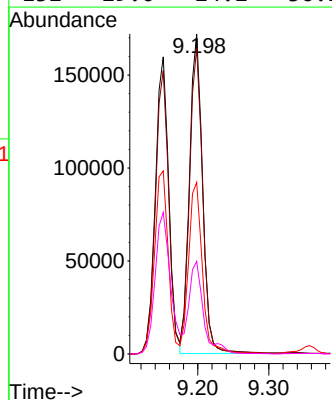
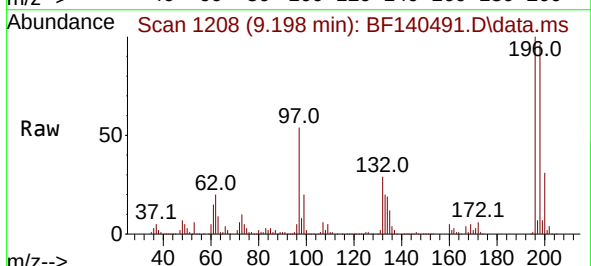
Ion Ratio Lower Upper

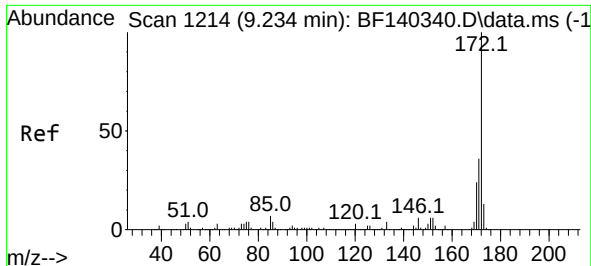
196 100

198 95.7 77.6 116.4

97 53.7 45.4 68.2

132 29.0 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 85.608 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

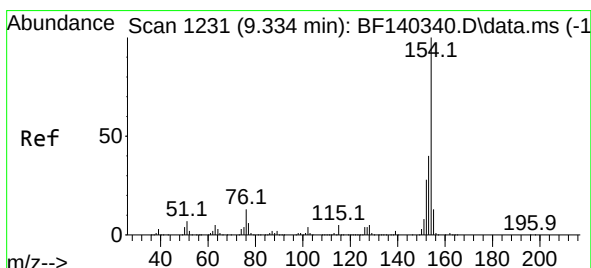
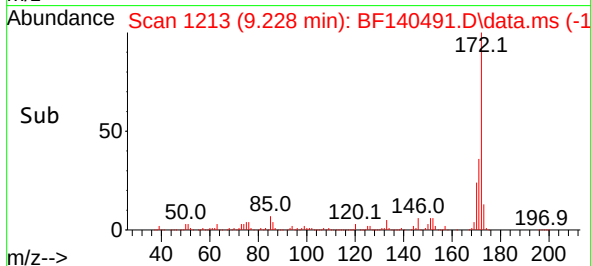
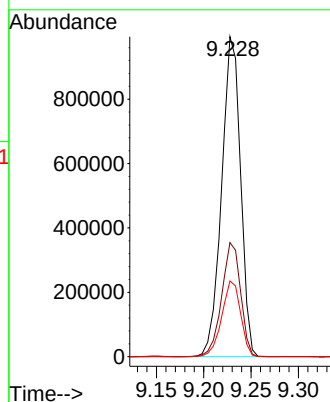
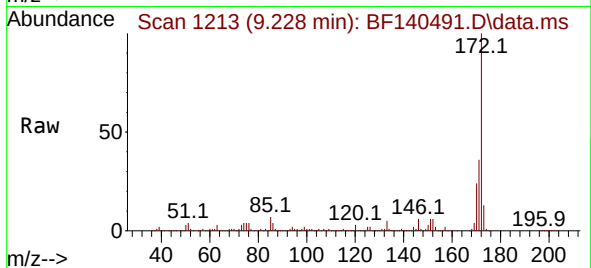
Tgt Ion:172 Resp: 1381434

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.333 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

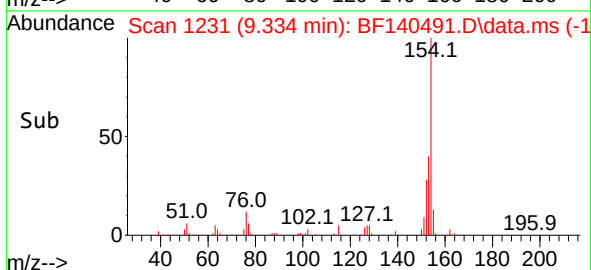
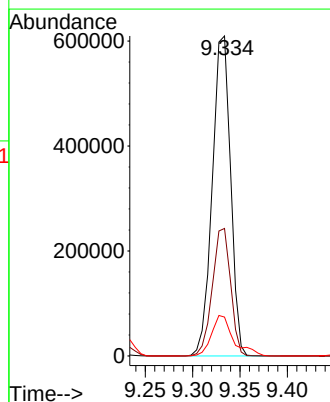
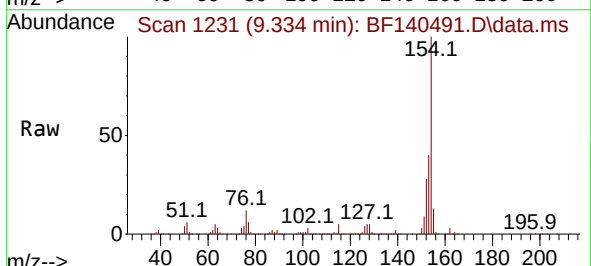
Tgt Ion:154 Resp: 817776

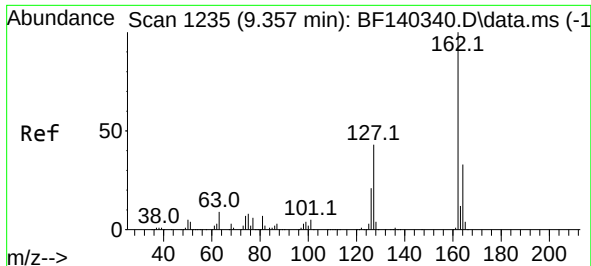
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 12.1 0.0 32.9

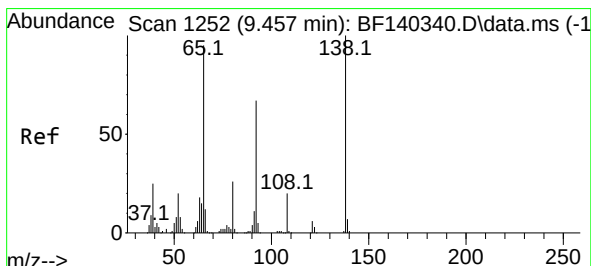
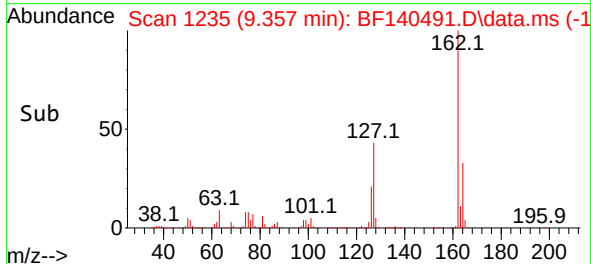
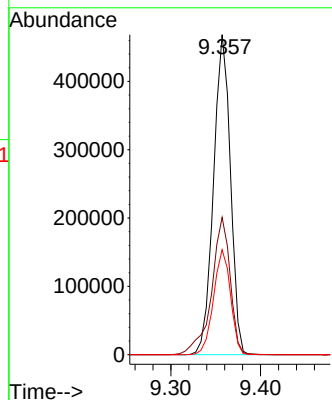
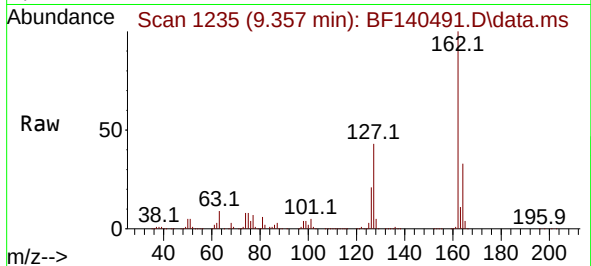




#47
2-Chloronaphthalene
Concen: 42.646 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

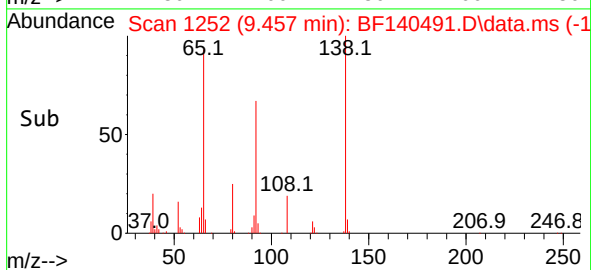
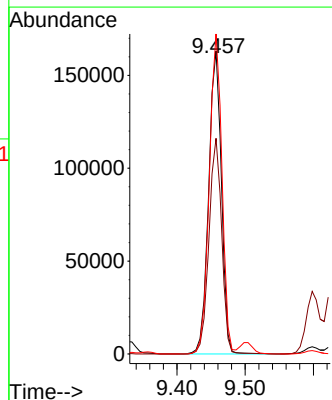
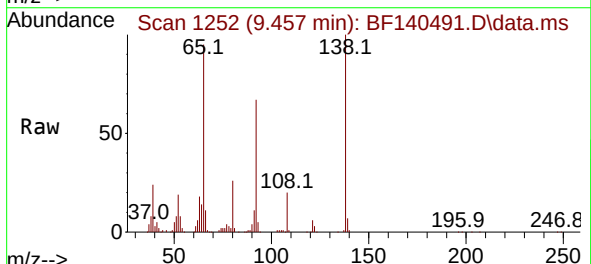
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

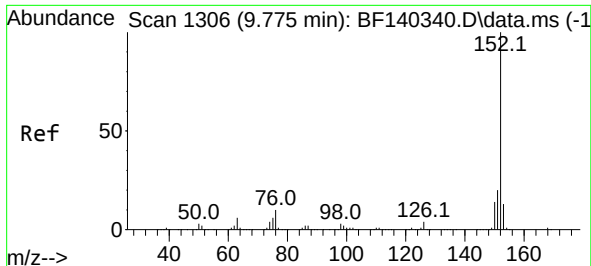
Tgt Ion:162 Resp: 613068
Ion Ratio Lower Upper
162 100
127 42.9 34.0 51.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 44.665 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 65 Resp: 212944
Ion Ratio Lower Upper
65 100
92 71.1 56.4 84.6
138 105.6 84.8 127.2





#49

Acenaphthylene

Concen: 46.753 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

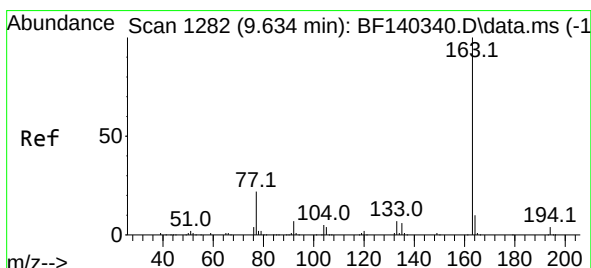
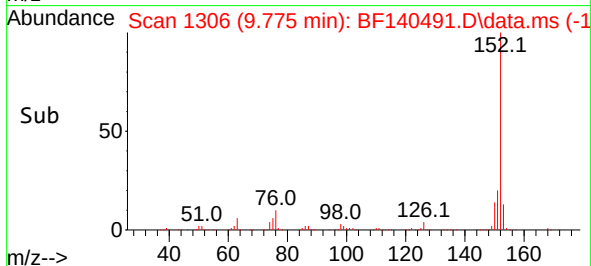
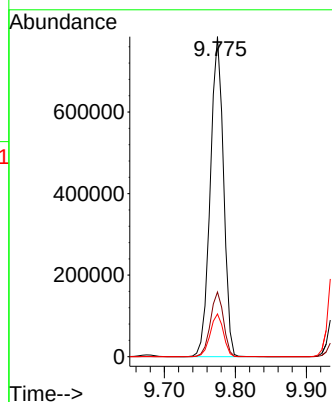
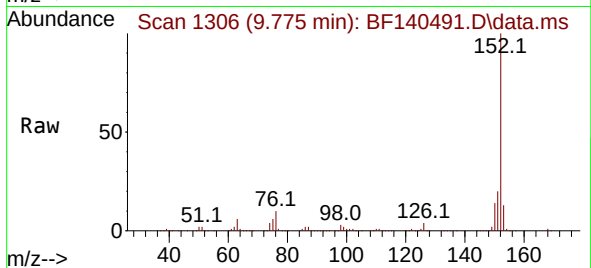
Tgt Ion:152 Resp: 1016892

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 45.066 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

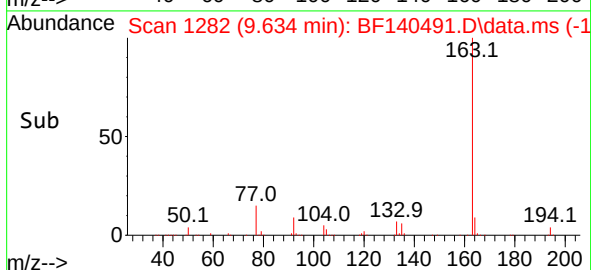
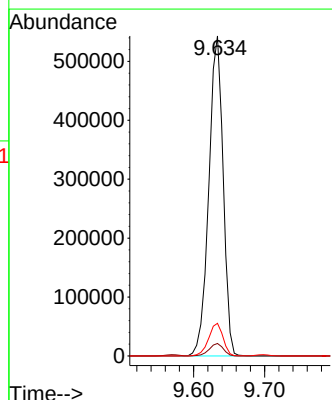
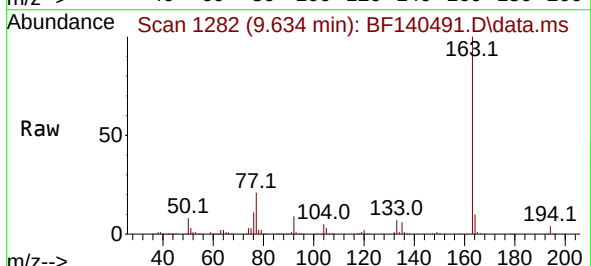
Tgt Ion:163 Resp: 761997

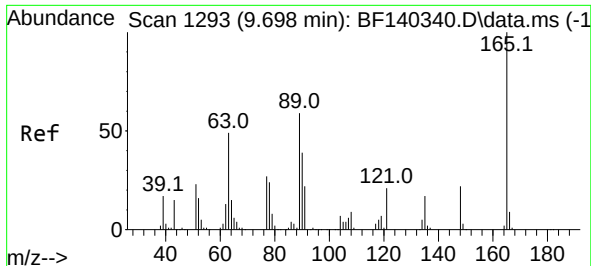
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4

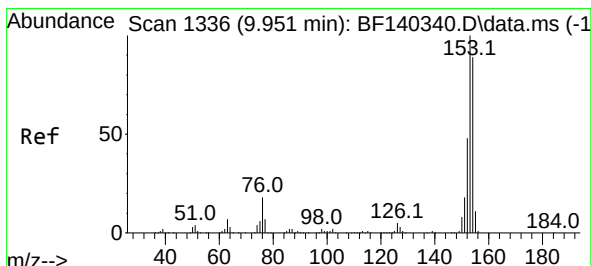
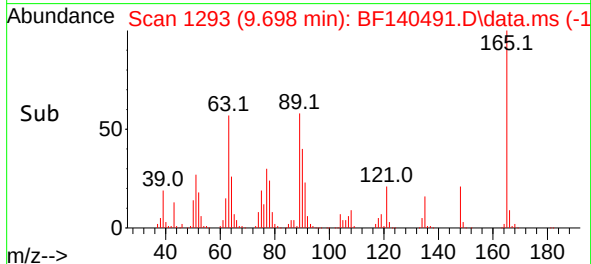
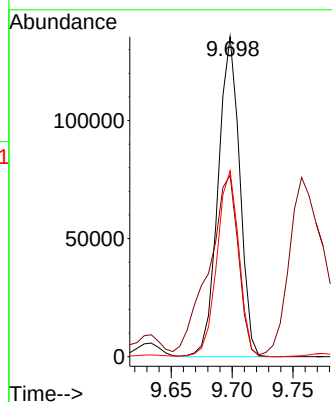
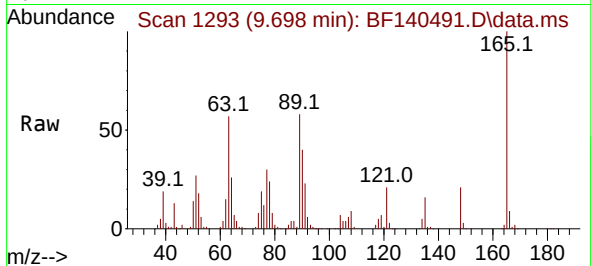




#51
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

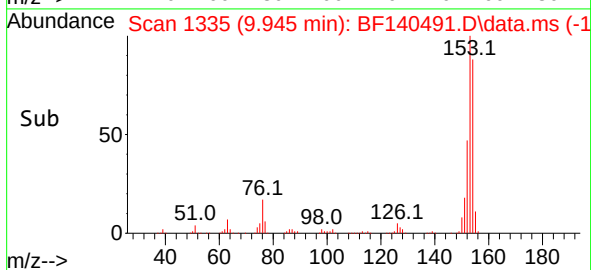
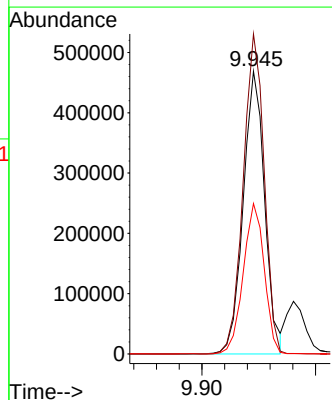
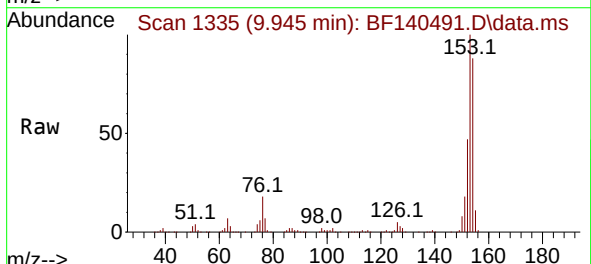
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

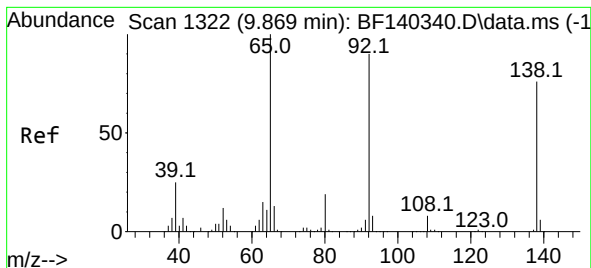
Tgt Ion:165 Resp: 167442
Ion Ratio Lower Upper
165 100
63 56.6 47.6 71.4
89 58.1 48.1 72.1



#52
Acenaphthene
Concen: 41.903 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:154 Resp: 615587
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 28.032 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

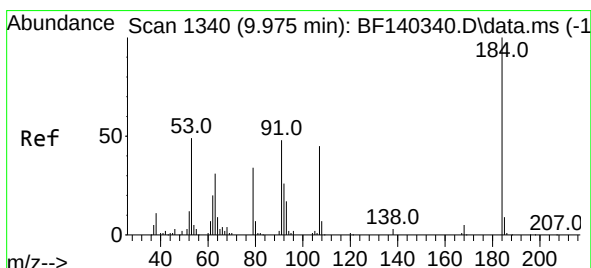
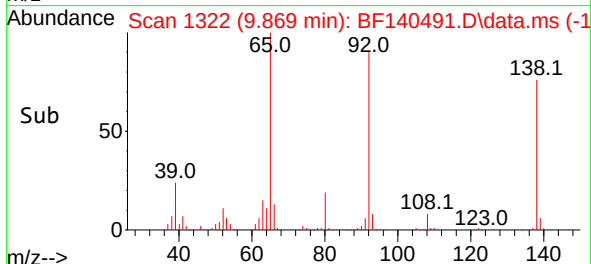
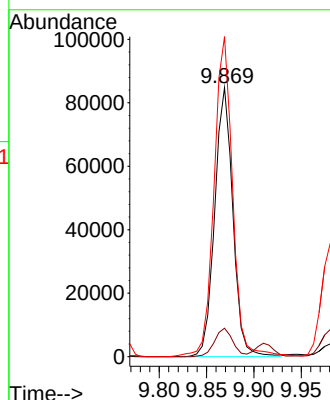
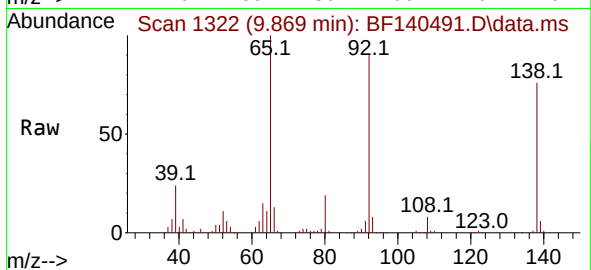
Tgt Ion:138 Resp: 113479

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

92 118.9 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 90.272 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

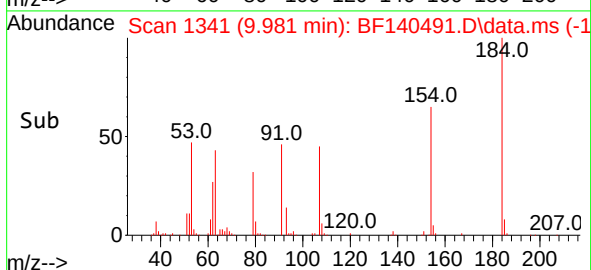
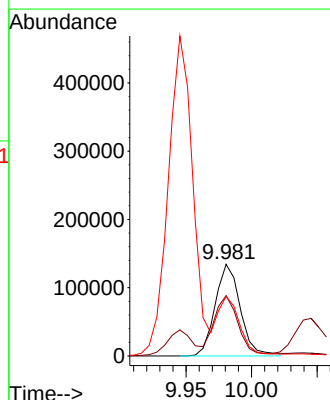
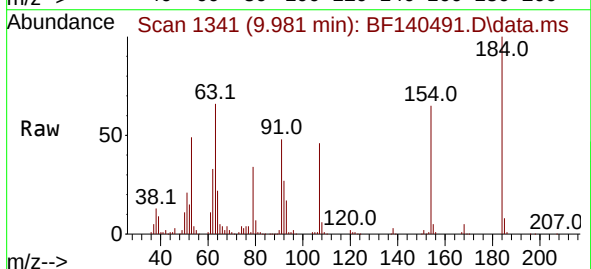
Tgt Ion:184 Resp: 179443

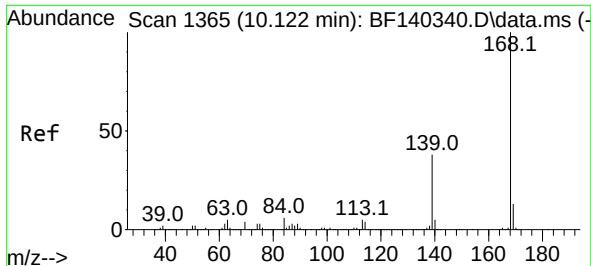
Ion Ratio Lower Upper

184 100

63 65.8 53.5 80.3

154 65.0 51.3 76.9

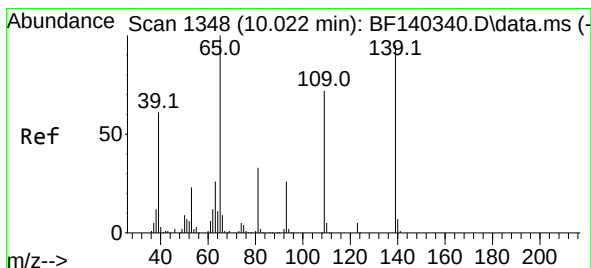
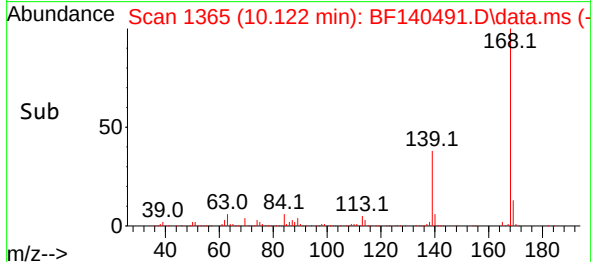
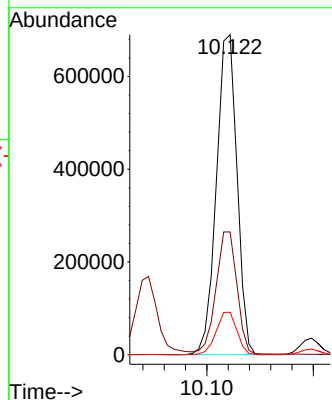
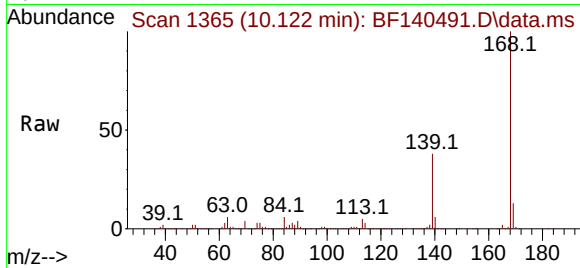




#55
Dibenzofuran
Concen: 44.537 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

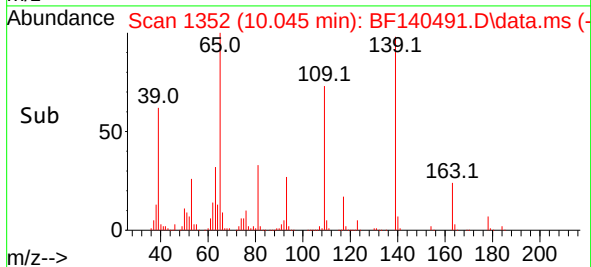
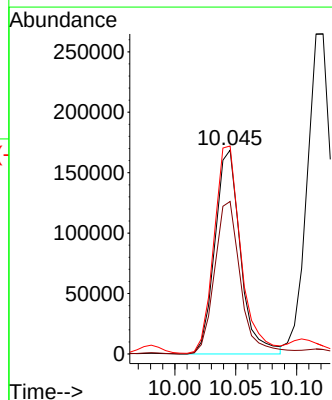
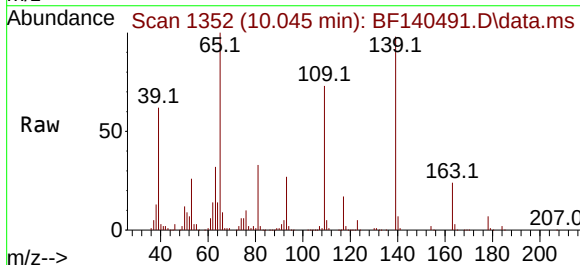
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

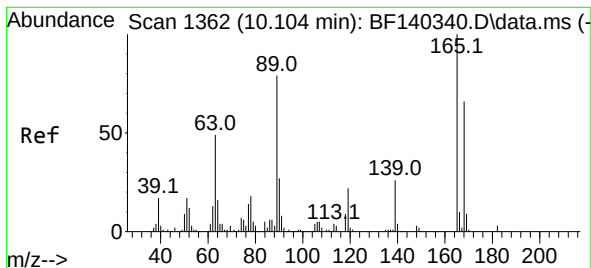
Tgt Ion:168 Resp: 926220
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 83.401 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 246266
Ion Ratio Lower Upper
139 100
109 74.8 54.5 94.5
65 102.1 84.4 124.4

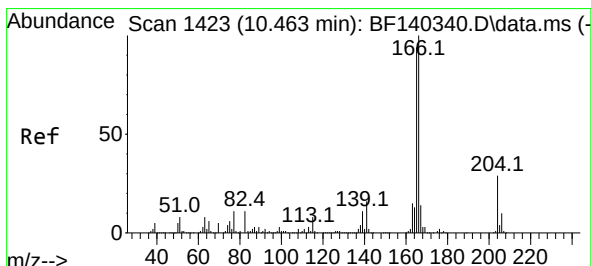
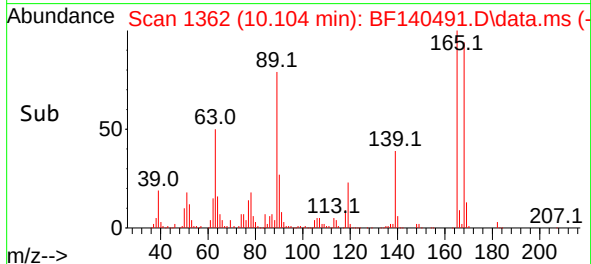
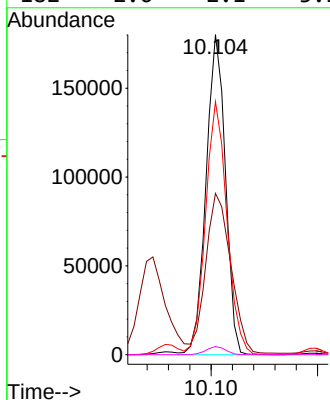
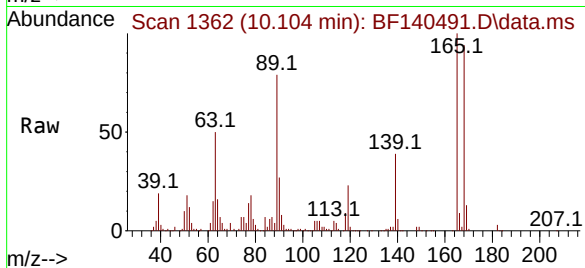




#57
2,4-Dinitrotoluene
Concen: 44.722 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

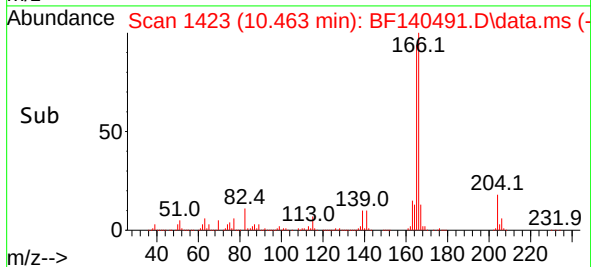
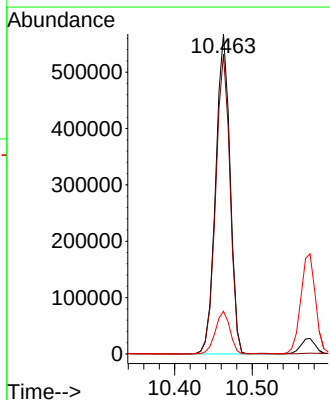
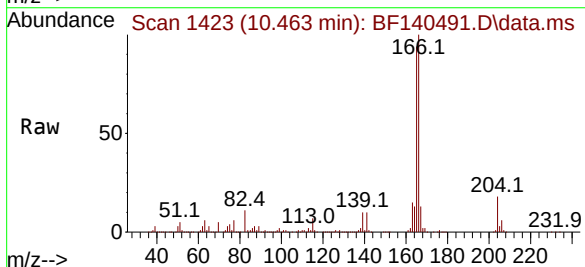
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

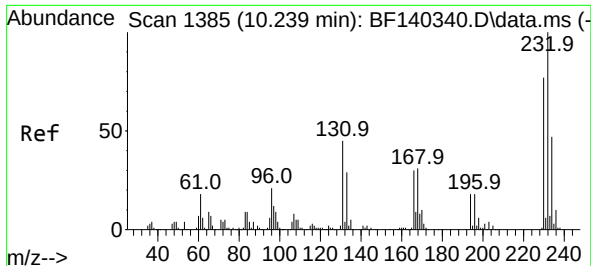
Tgt Ion:165 Resp: 226880
Ion Ratio Lower Upper
165 100
63 50.4 39.4 59.0
89 79.0 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 44.342 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:166 Resp: 728499
Ion Ratio Lower Upper
166 100
165 93.7 73.9 110.9
167 13.4 10.9 16.3

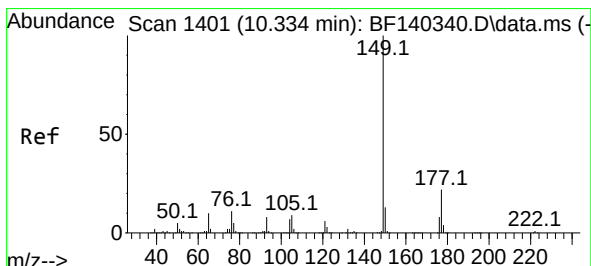
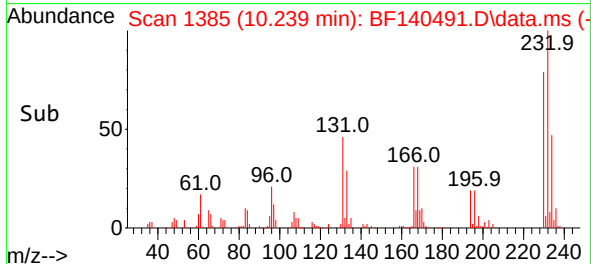
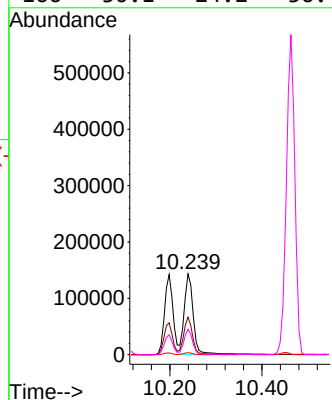
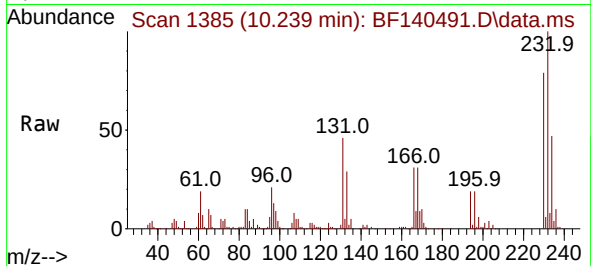




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.235 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

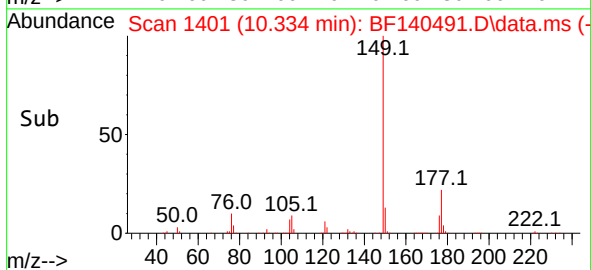
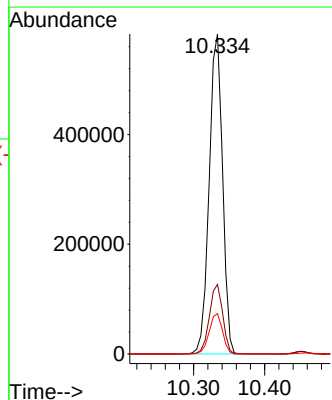
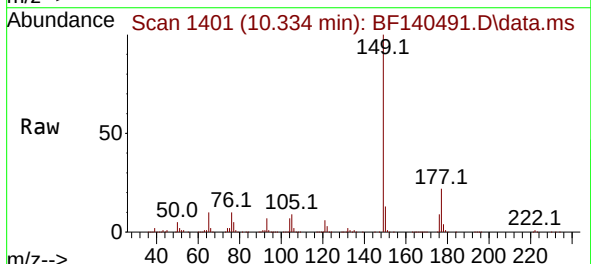
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

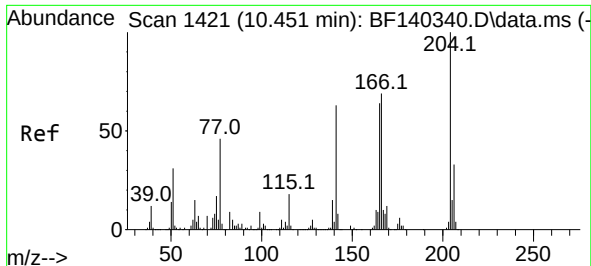
Tgt Ion:232 Resp: 191962
Ion Ratio Lower Upper
232 100
131 45.8 36.8 55.2
130 2.2 1.9 2.9
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 44.186 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:149 Resp: 763965
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.1 15.1

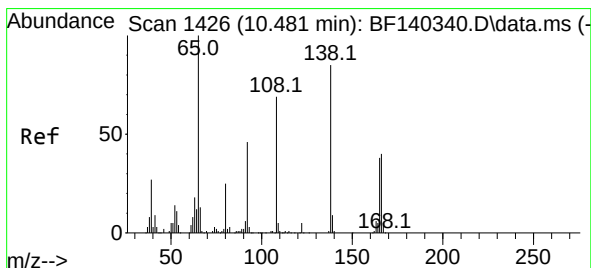
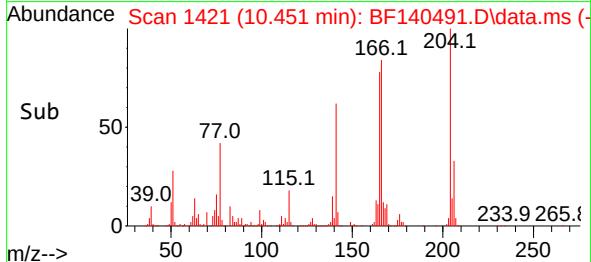
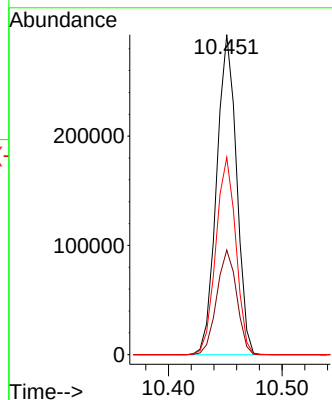
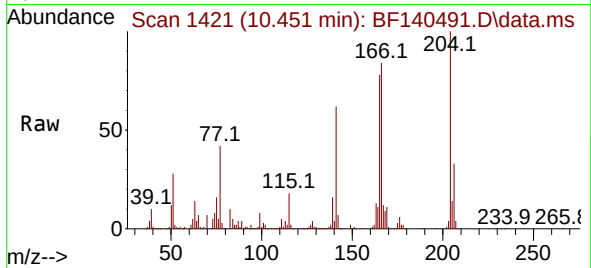




#61
4-Chlorophenyl-phenylether
Concen: 44.021 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

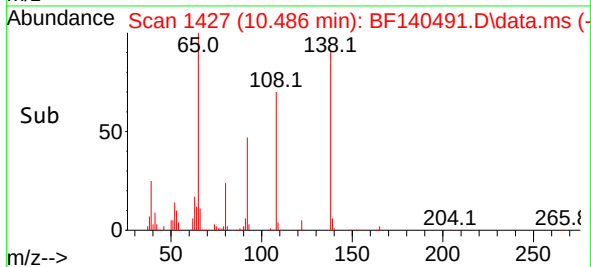
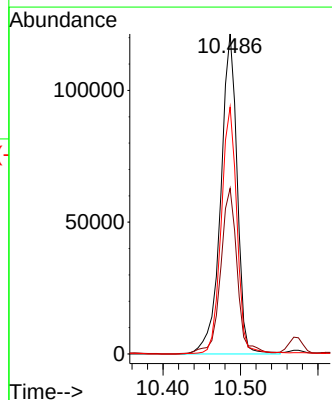
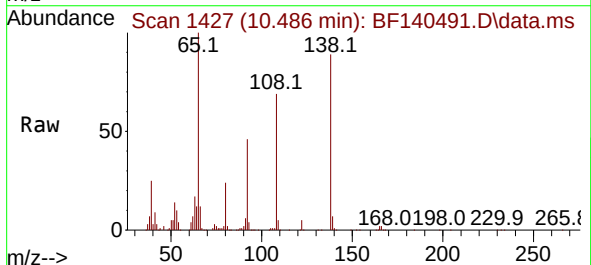
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

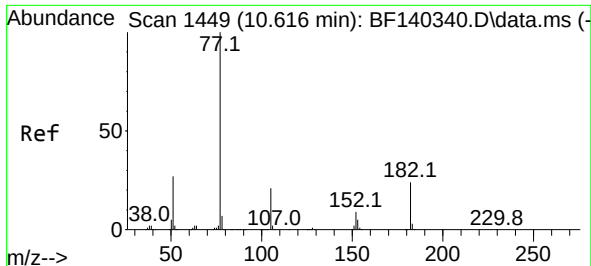
Tgt Ion:204 Resp: 357046
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.7 49.8 74.8



#62
4-Nitroaniline
Concen: 43.209 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:138 Resp: 178849
Ion Ratio Lower Upper
138 100
92 51.7 33.8 73.8
108 77.2 59.9 99.9

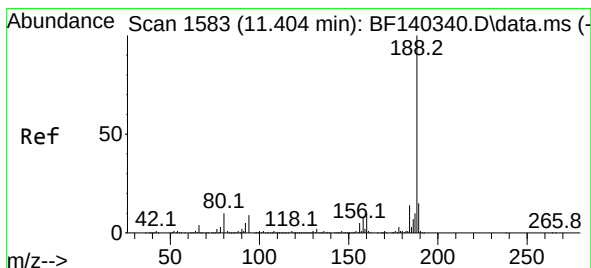
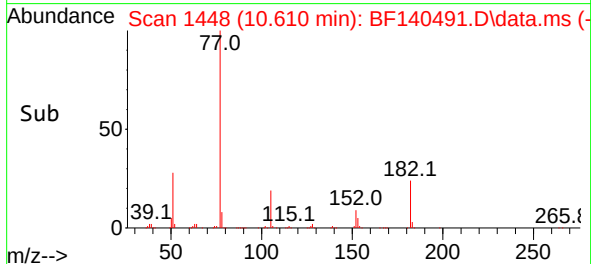
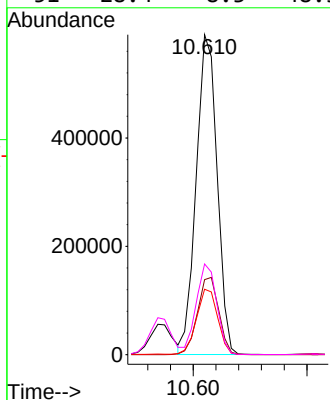
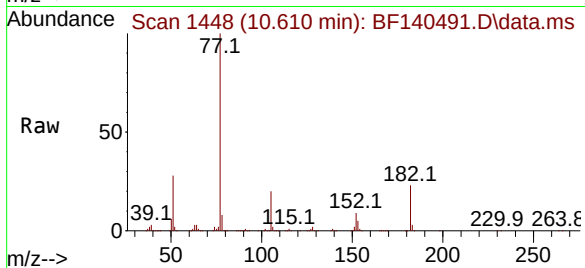




#63
Azobenzene
Concen: 44.178 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

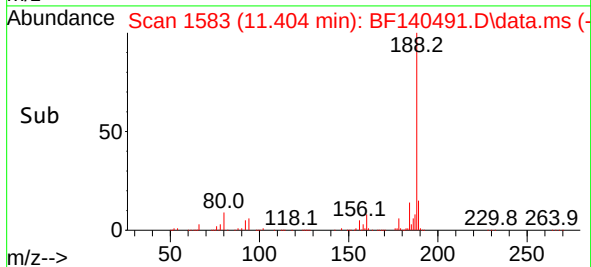
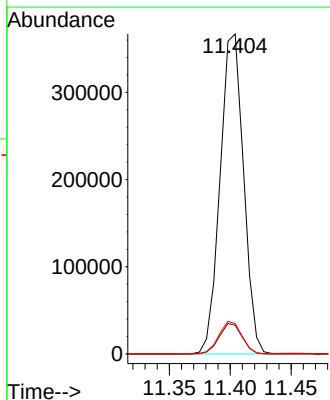
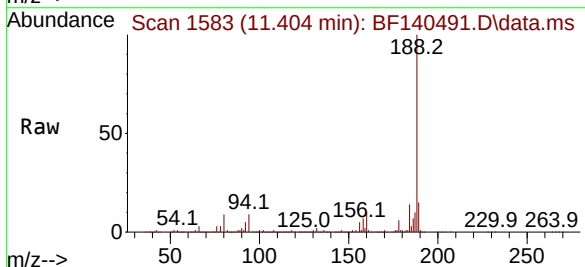
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

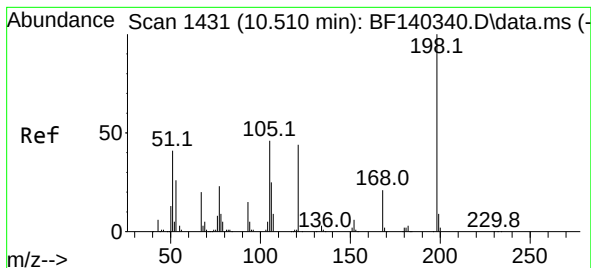
Tgt Ion: 77	Resp: 754707
Ion Ratio	Lower Upper
77 100	
182 23.5	4.6 44.6
105 20.5	0.9 40.9
51 28.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:188	Resp: 492347
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.5	8.0 12.0

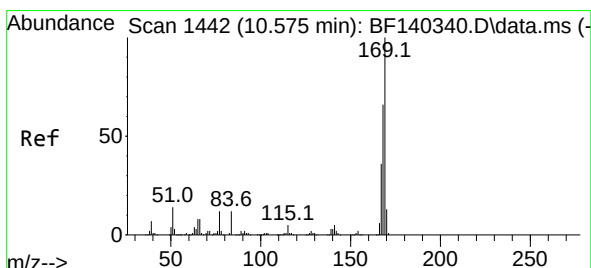
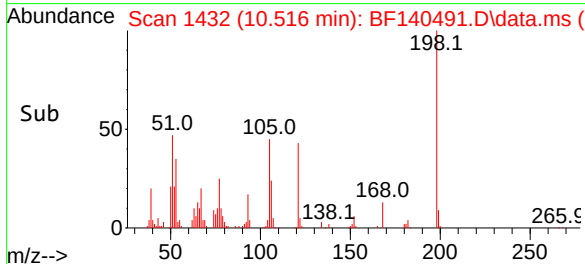
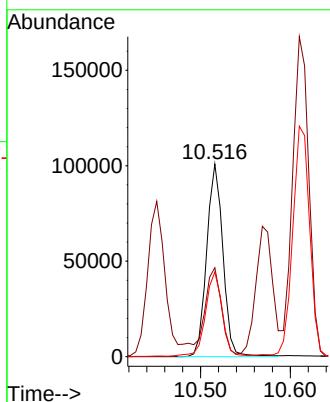
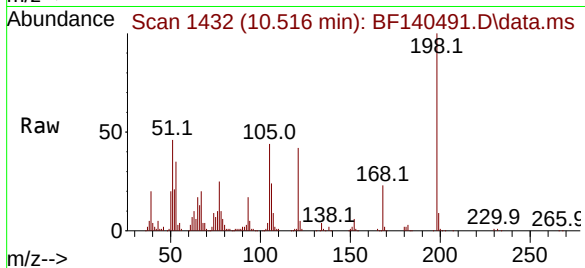




#65
4,6-Dinitro-2-methylphenol
Concen: 47.933 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

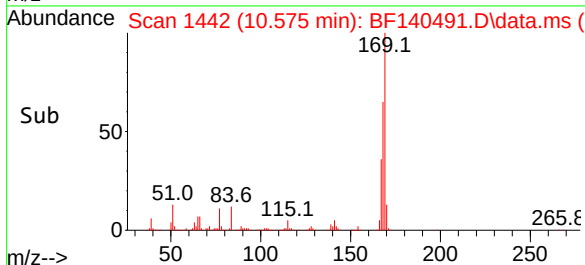
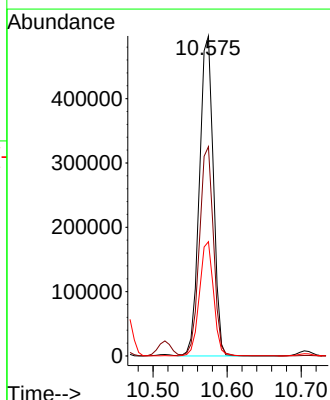
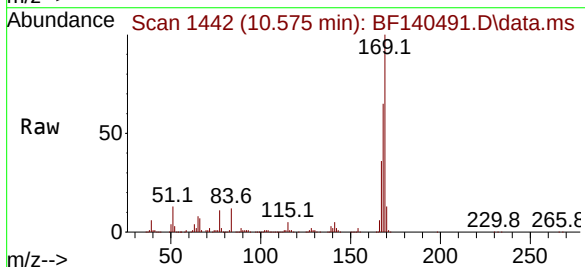
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

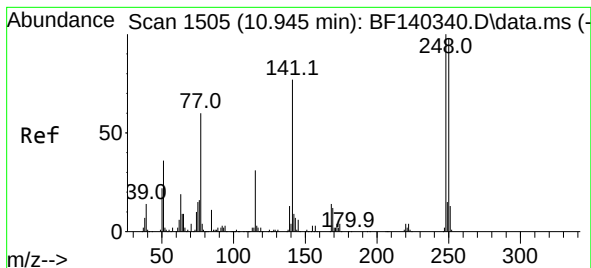
Tgt Ion:198 Resp: 126971
Ion Ratio Lower Upper
198 100
51 46.2 29.7 69.7
105 43.9 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 45.641 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:169 Resp: 649271
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 35.7 29.3 43.9

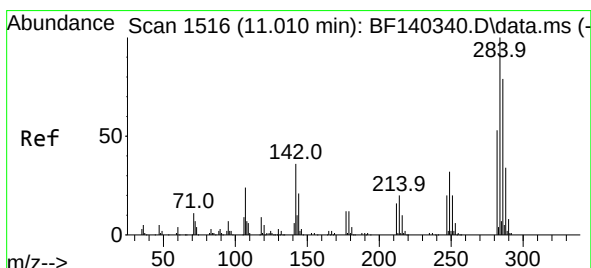
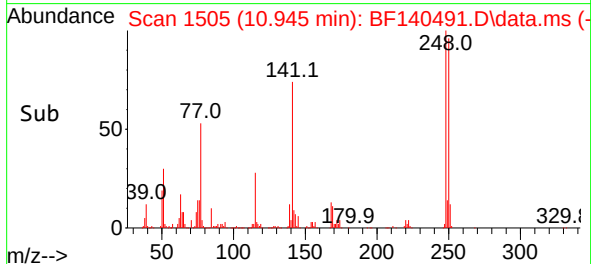
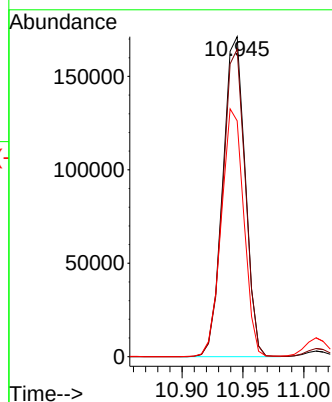
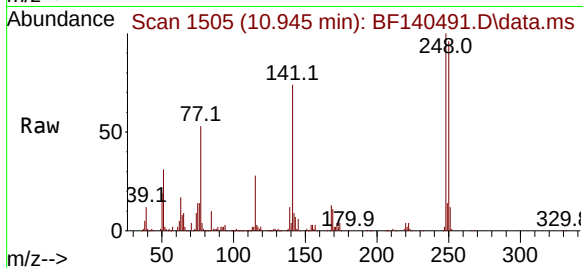




#67
4-Bromophenyl-phenylether
Concen: 44.587 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

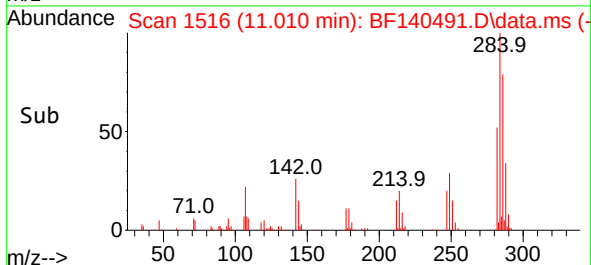
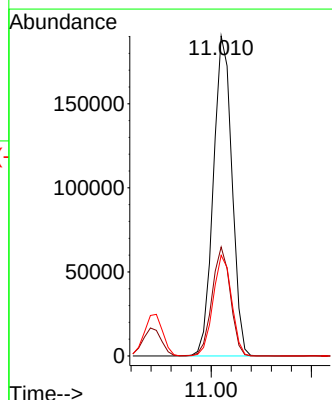
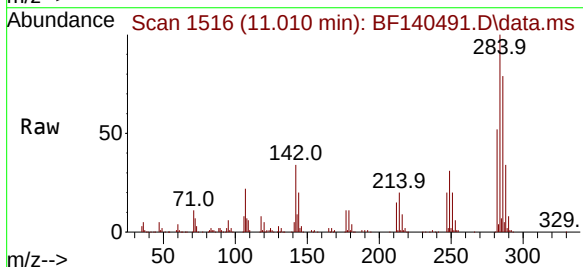
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

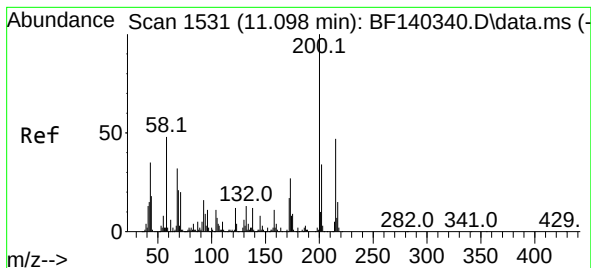
Tgt Ion:248 Resp: 219437
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 73.7 61.8 92.6



#68
Hexachlorobenzene
Concen: 44.224 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:284 Resp: 244889
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.997 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

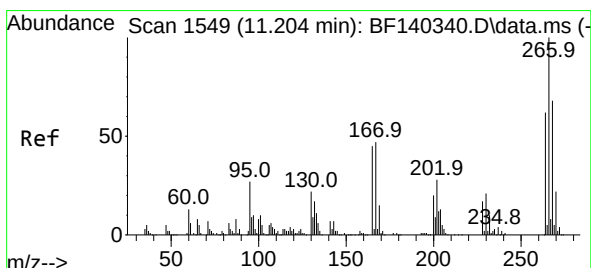
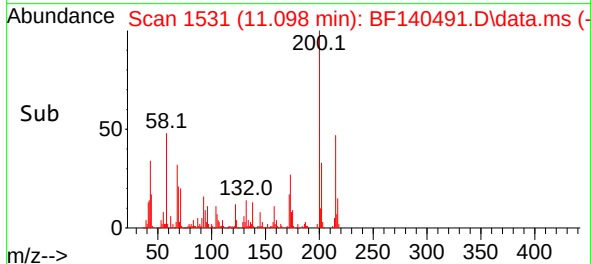
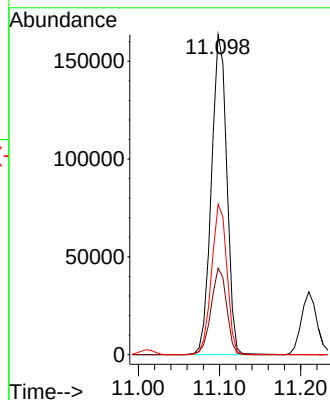
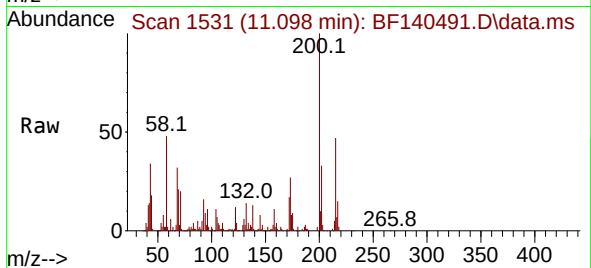
Tgt Ion:200 Resp: 215183

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 47.0 27.2 67.2



#70

Pentachlorophenol

Concen: 84.474 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

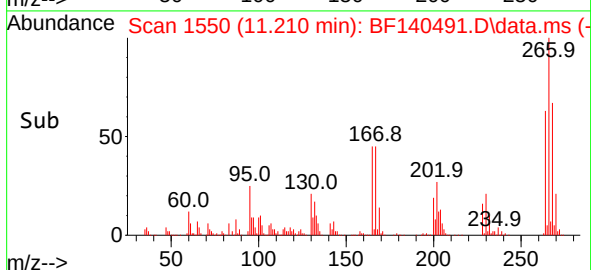
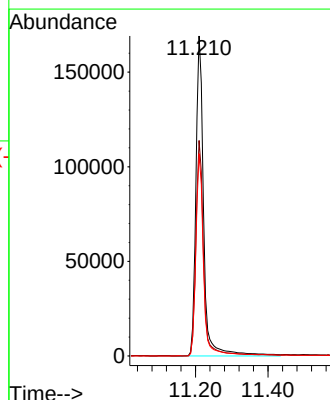
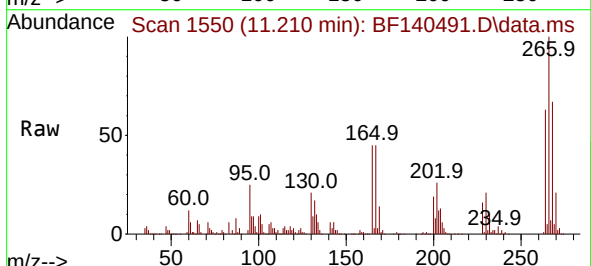
Tgt Ion:266 Resp: 251973

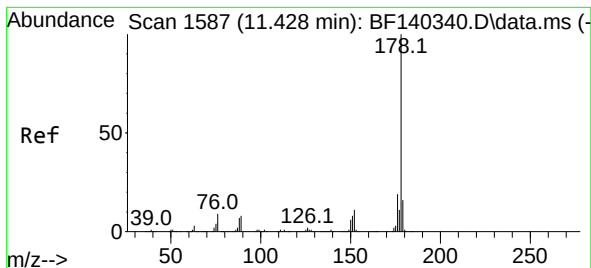
Ion Ratio Lower Upper

266 100

268 67.4 52.9 79.3

264 63.2 50.3 75.5





#71

Phenanthrene

Concen: 45.005 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

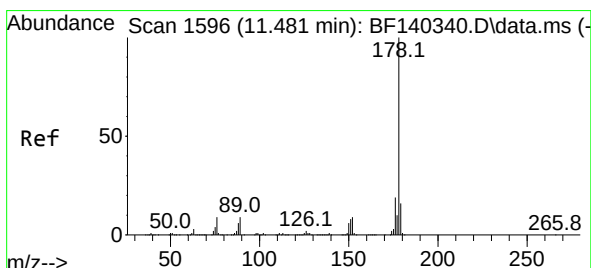
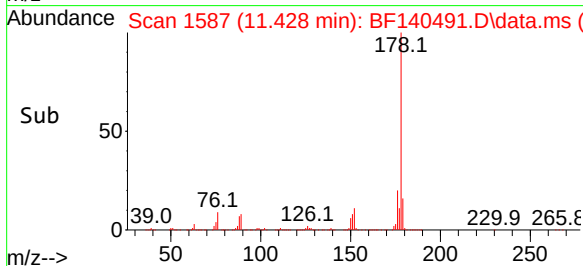
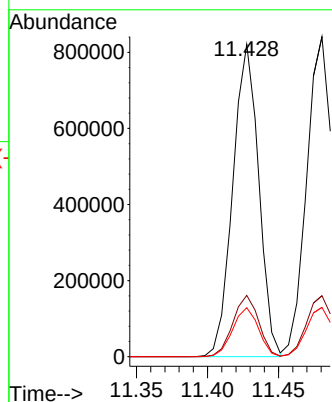
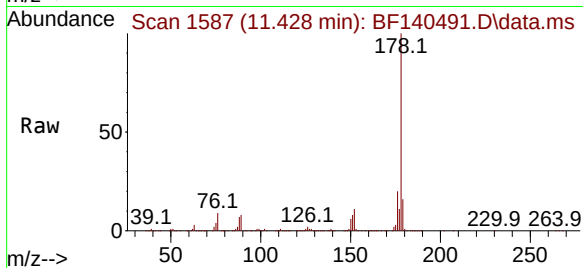
Tgt Ion:178 Resp: 1040890

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 47.601 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

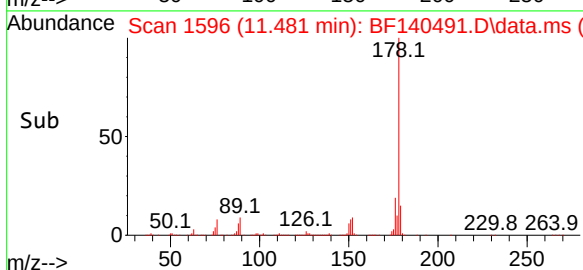
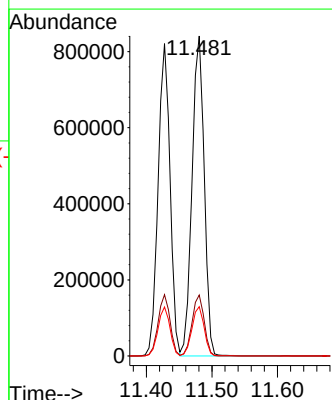
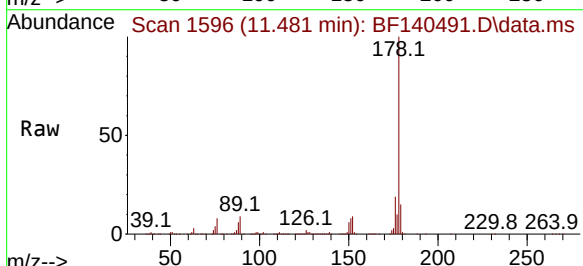
Tgt Ion:178 Resp: 1078980

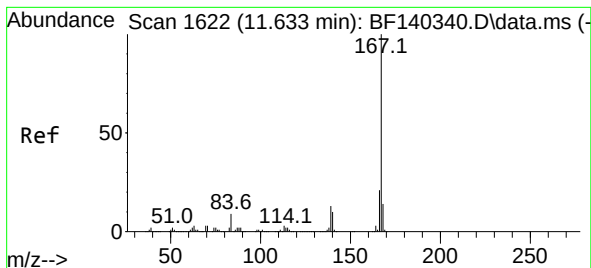
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 44.369 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

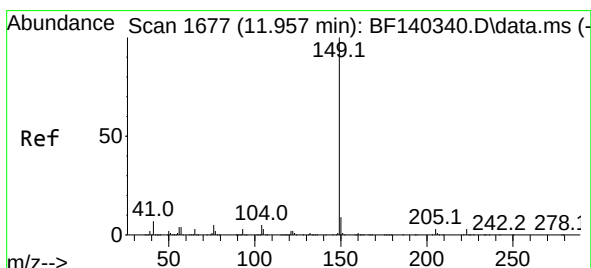
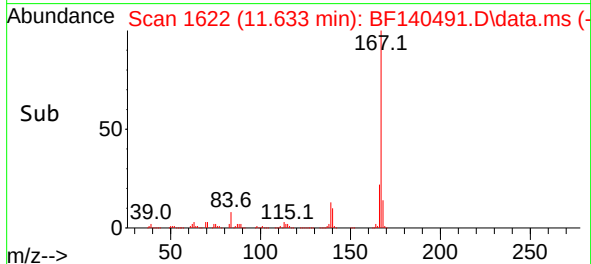
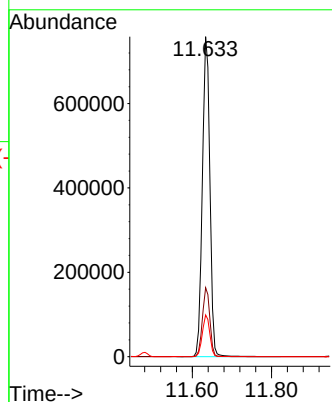
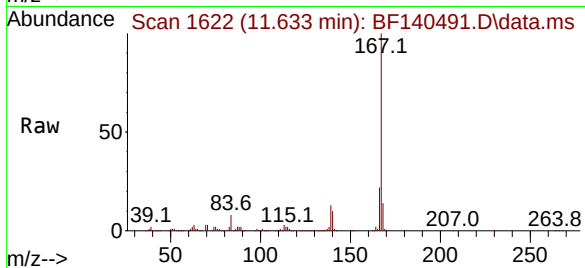
Tgt Ion:167 Resp: 993041

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 44.389 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

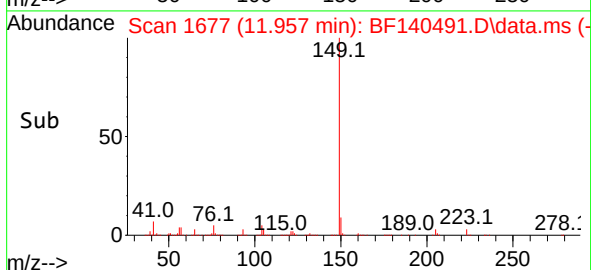
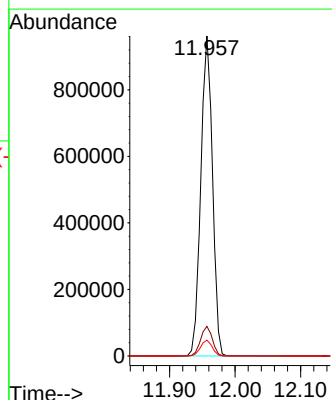
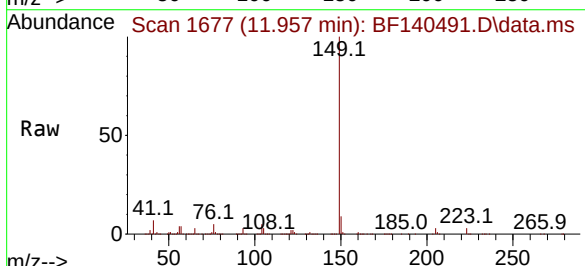
Tgt Ion:149 Resp: 1192406

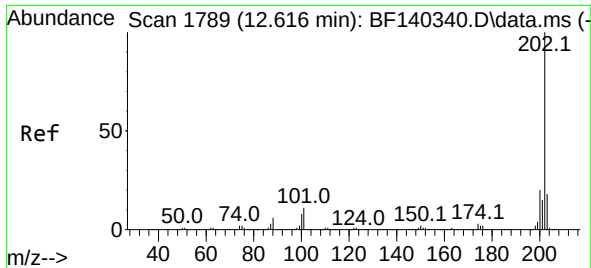
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.0 6.0

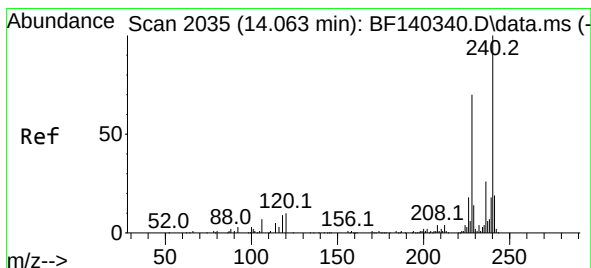
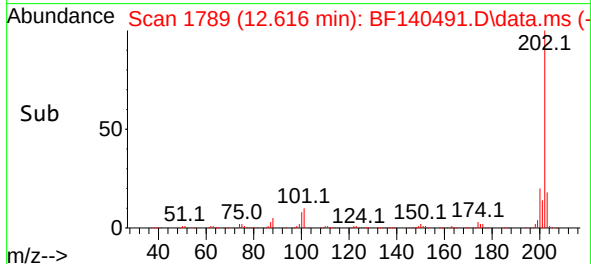
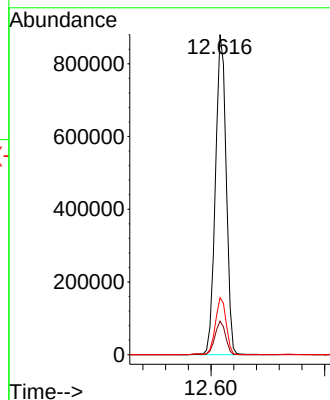
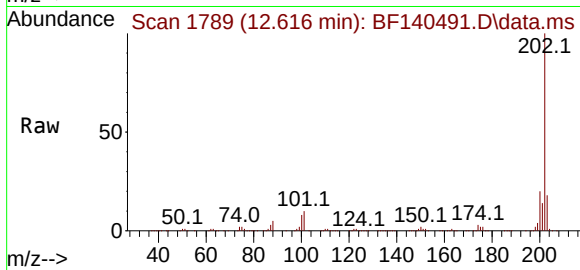




#75
Fluoranthene
Concen: 44.367 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

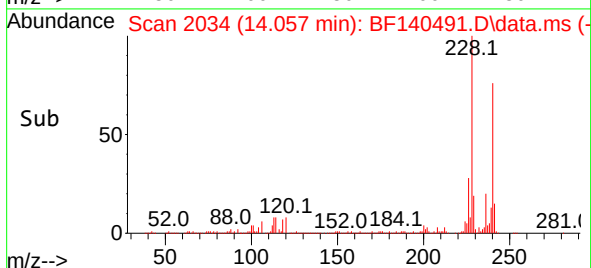
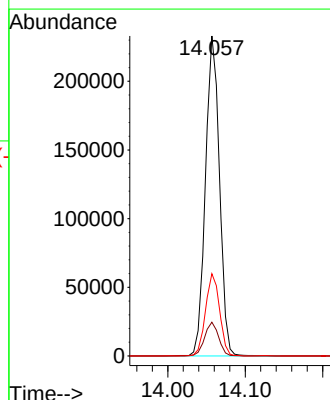
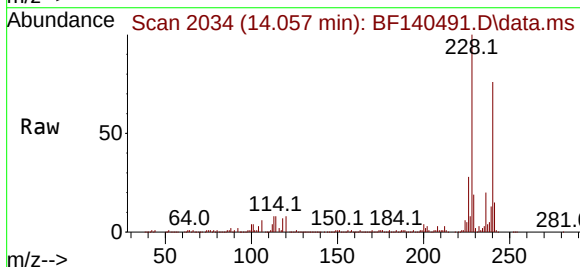
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

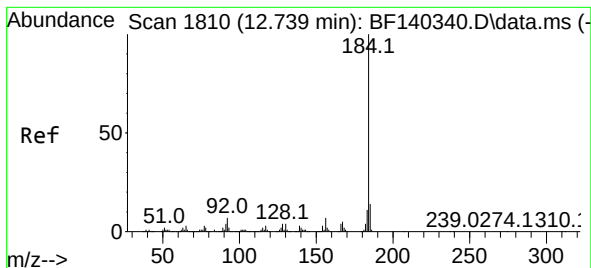
Tgt Ion:202 Resp: 1151225
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:240 Resp: 292939
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3





#77

Benzidine

Concen: 25.267 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

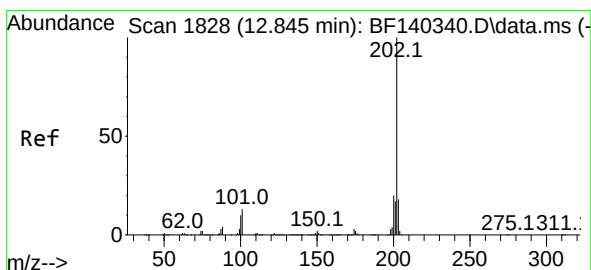
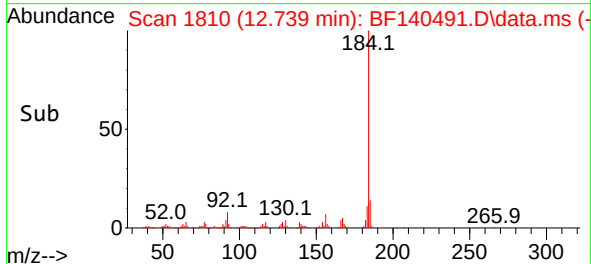
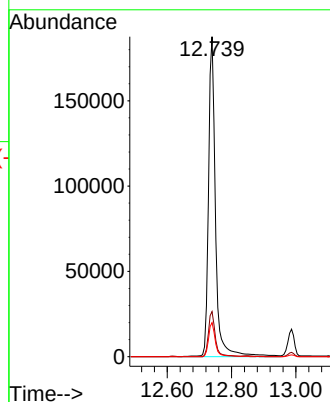
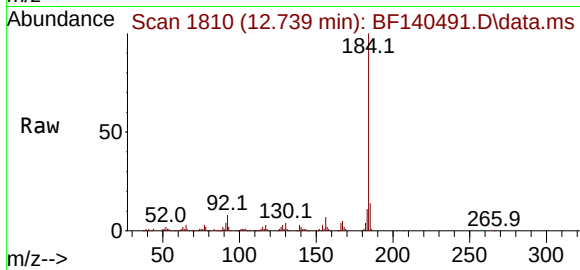
Tgt Ion:184 Resp: 284086

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 10.7 8.6 13.0



#78

Pyrene

Concen: 46.565 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

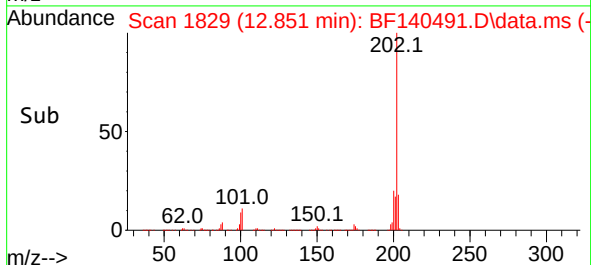
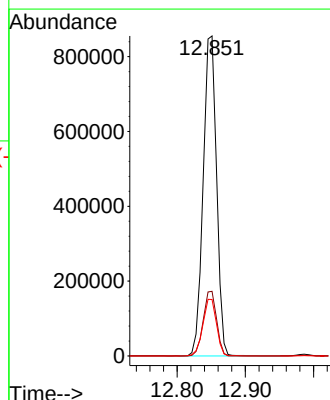
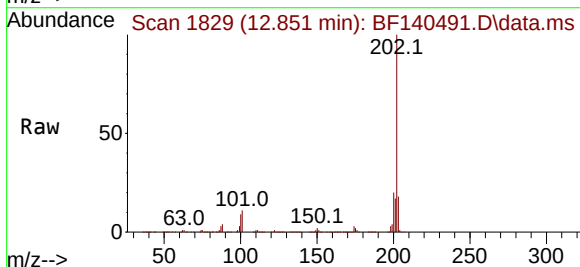
Tgt Ion:202 Resp: 1166778

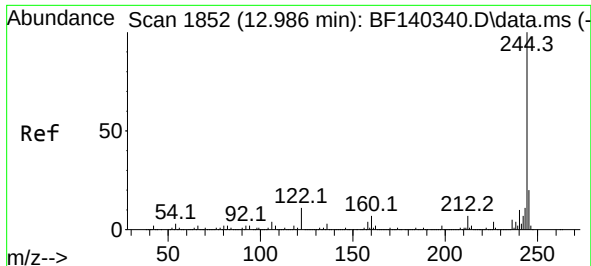
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.6 14.2 21.4

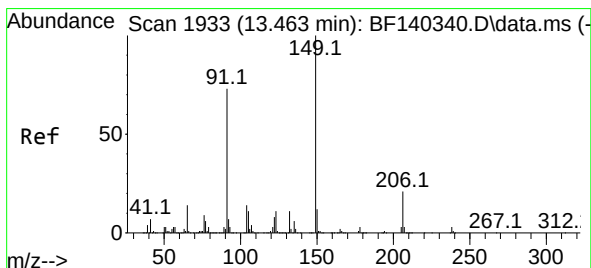
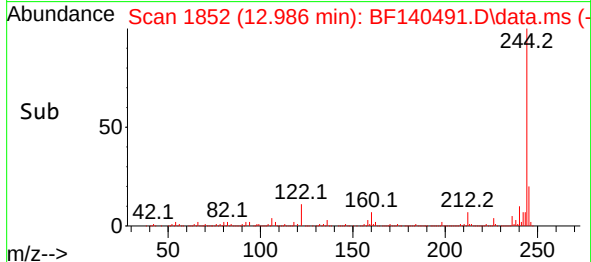
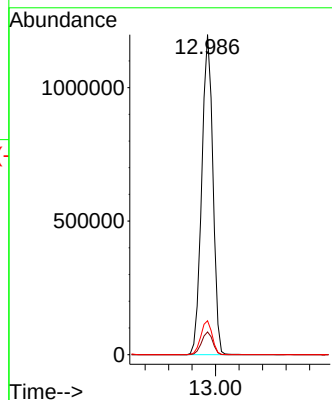
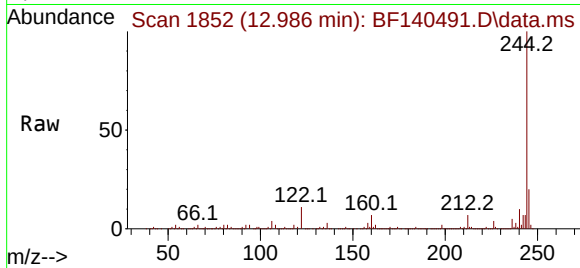




#79
 Terphenyl-d14
 Concen: 93.294 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

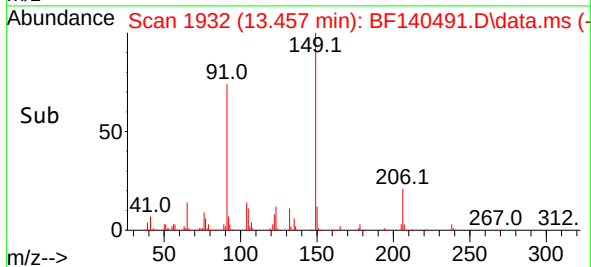
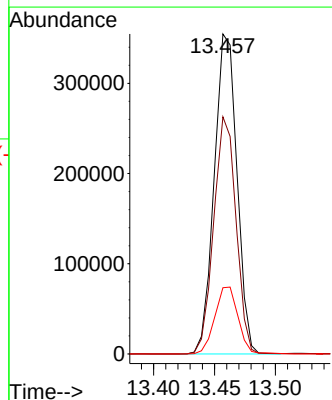
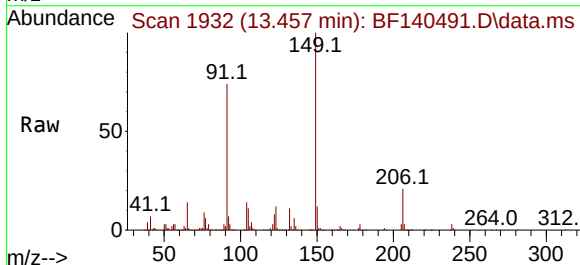
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

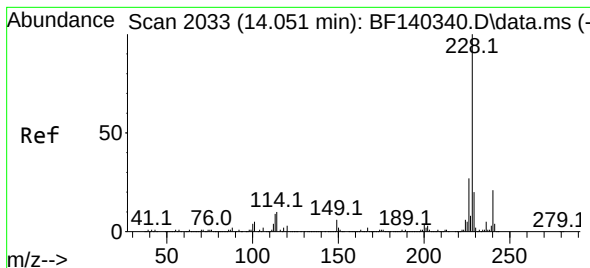
Tgt Ion:244 Resp: 1574473
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 47.871 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion:149 Resp: 460791
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.0 91.4
 206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 44.801 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

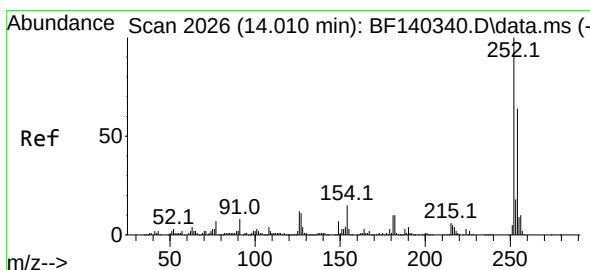
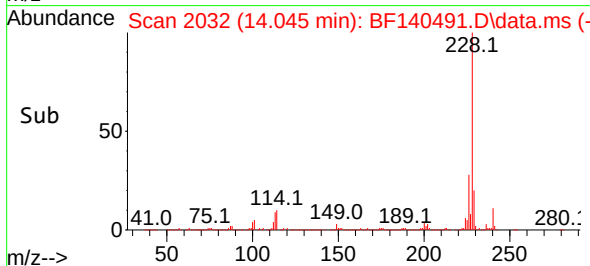
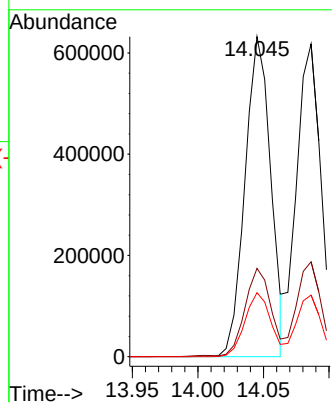
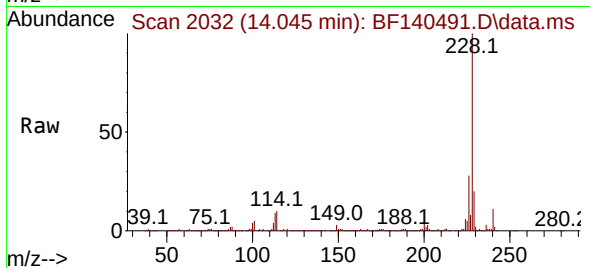
Tgt Ion:228 Resp: 862530

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.046 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

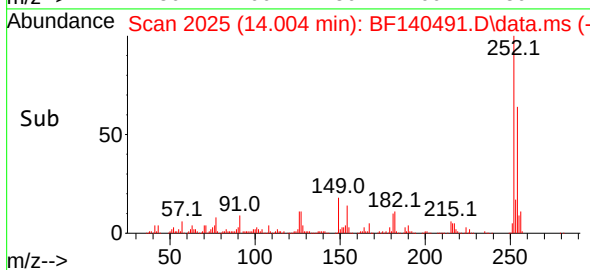
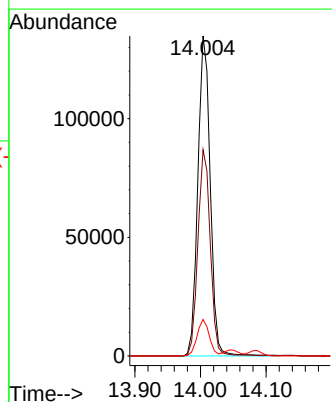
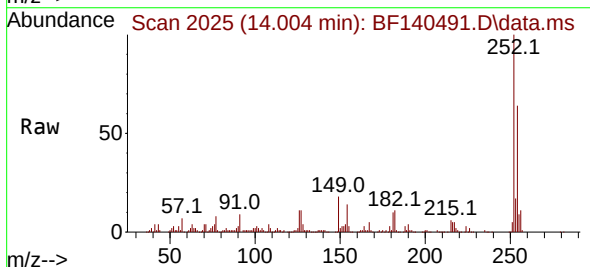
Tgt Ion:252 Resp: 177745

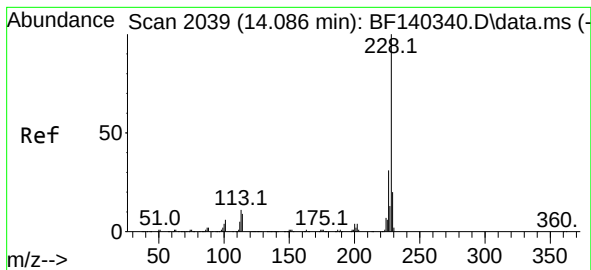
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.508 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

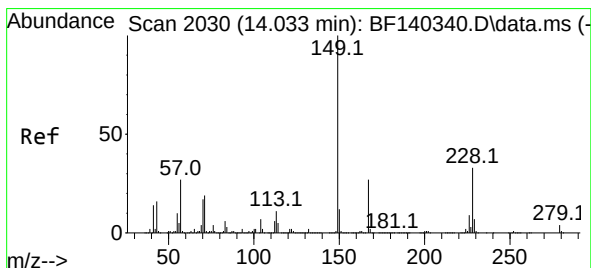
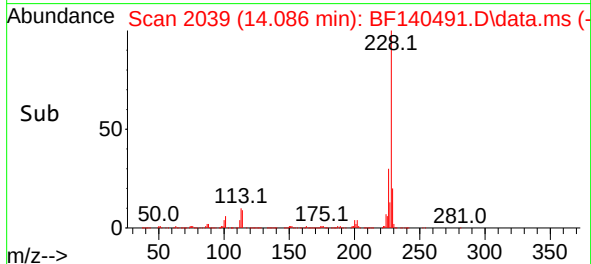
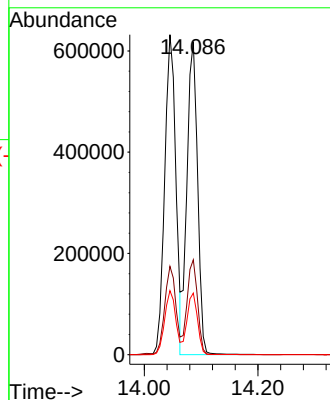
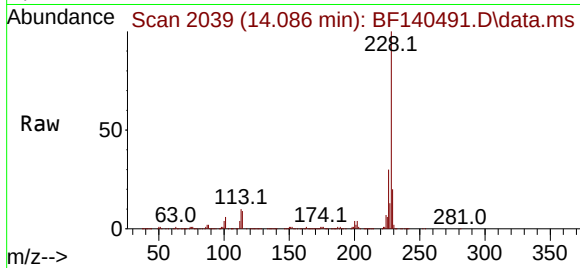
Tgt Ion:228 Resp: 799412

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.223 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

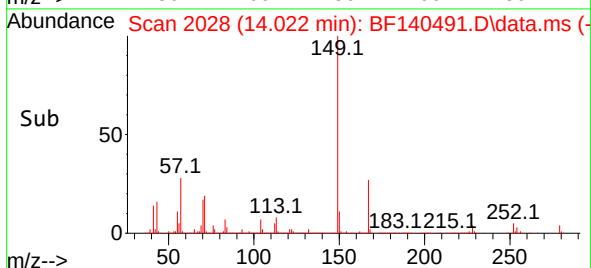
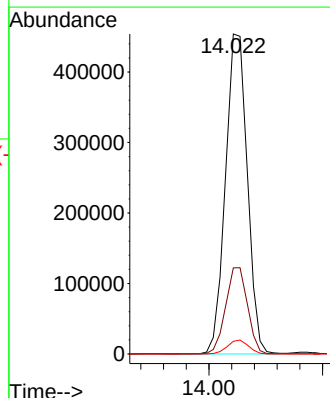
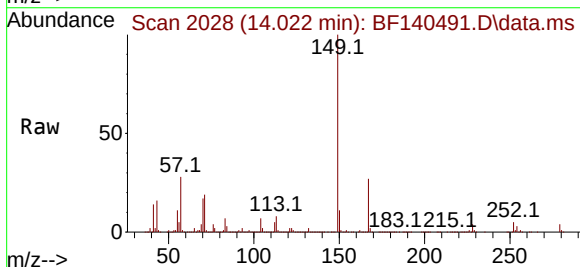
Tgt Ion:149 Resp: 606727

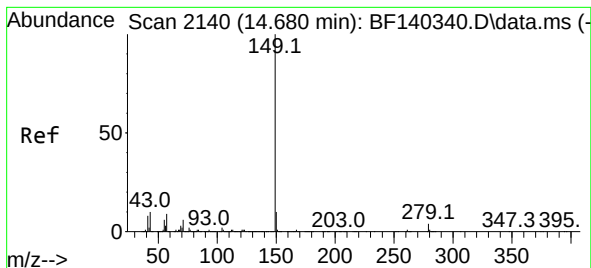
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.064 ng

RT: 14.669 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

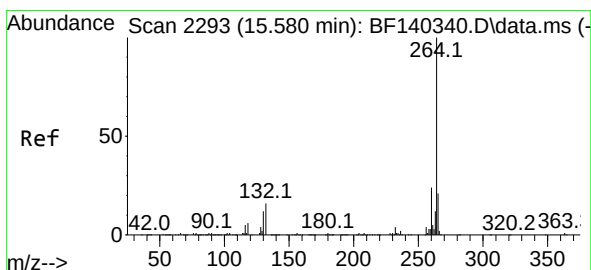
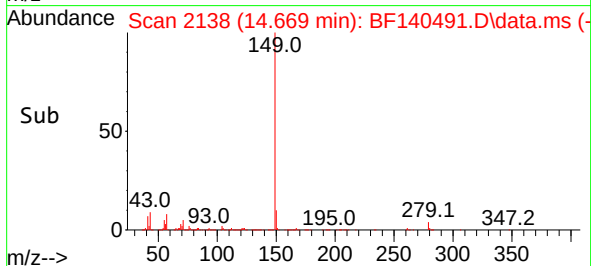
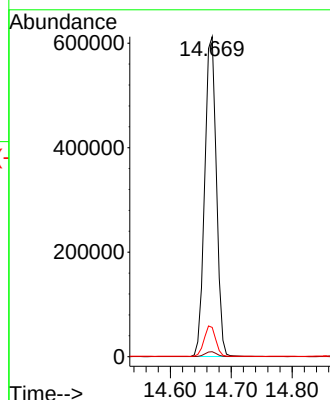
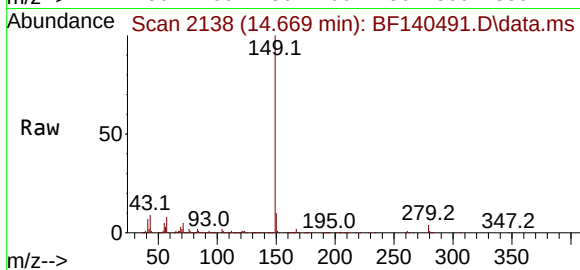
Tgt Ion:149 Resp: 815449

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

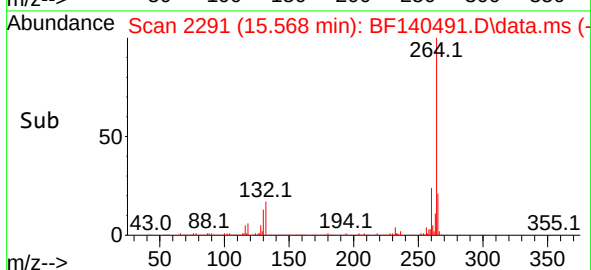
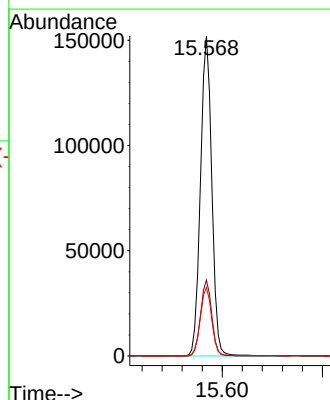
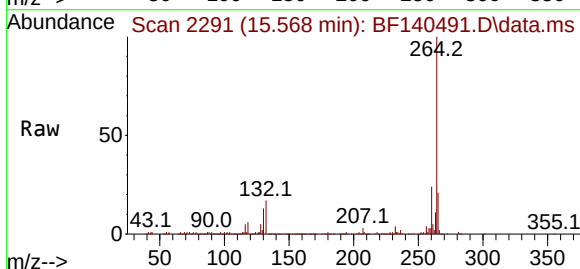
Tgt Ion:264 Resp: 237975

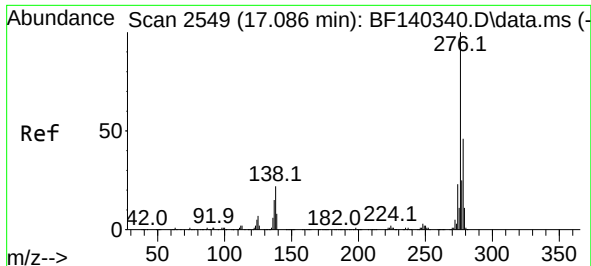
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 17.1 25.7

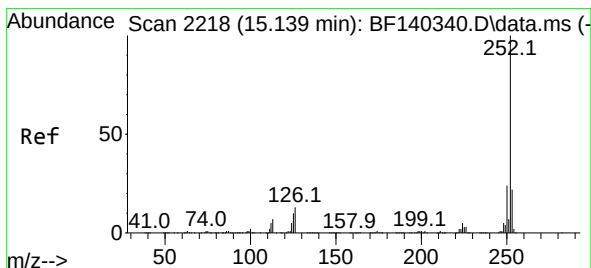
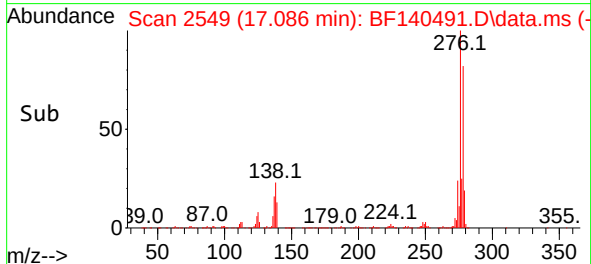
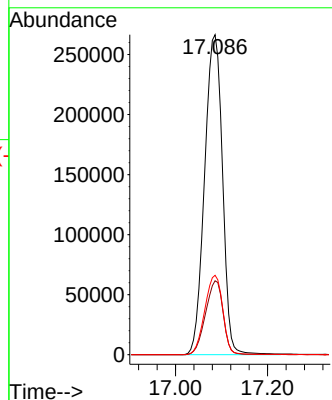
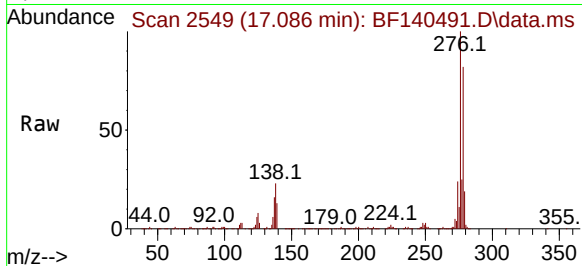




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.098 ng
RT: 17.086 min Scan# 2110
Delta R.T. 0.029 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

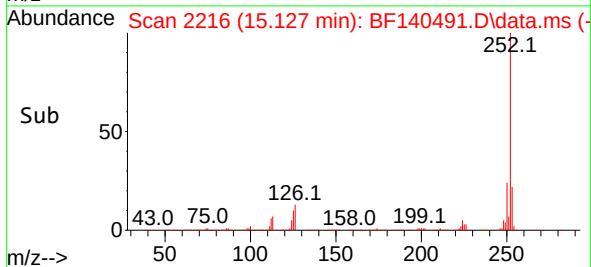
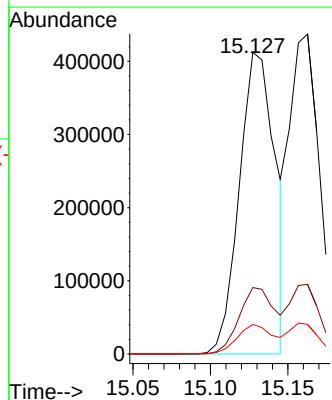
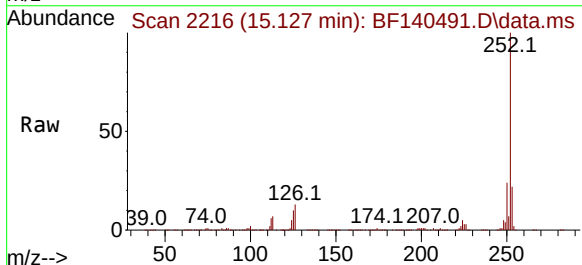
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

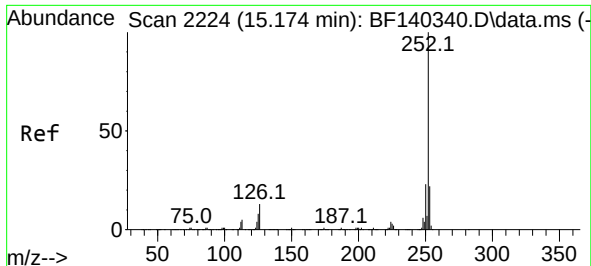
Tgt Ion:276 Resp: 721757
Ion Ratio Lower Upper
276 100
138 22.7 18.8 28.2
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.541 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:252 Resp: 662250
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.415 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

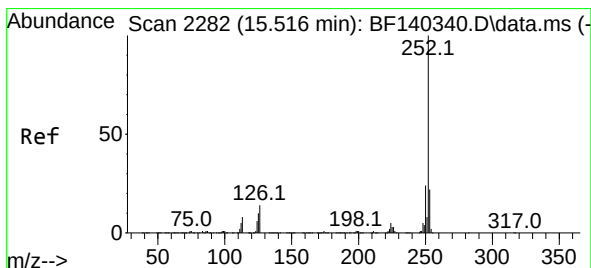
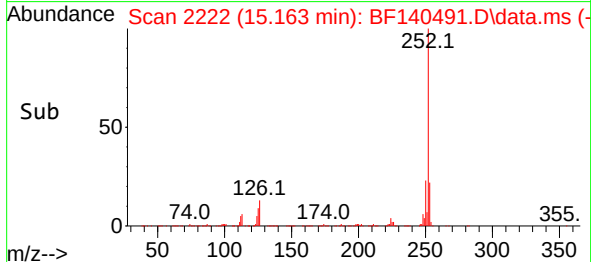
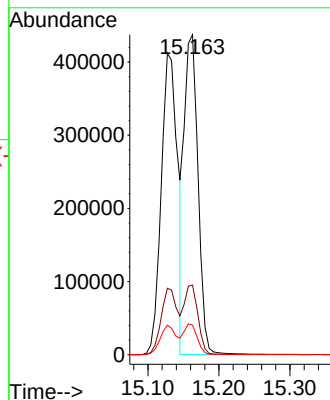
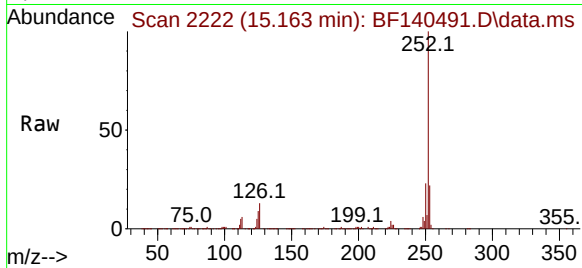
Tgt Ion:252 Resp: 590265

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.691 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

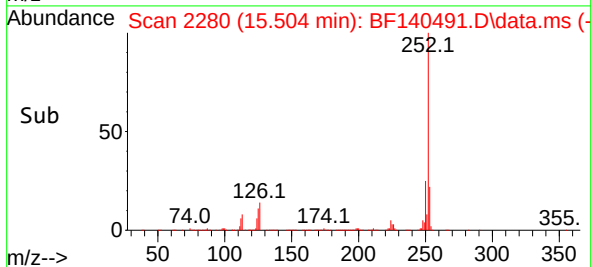
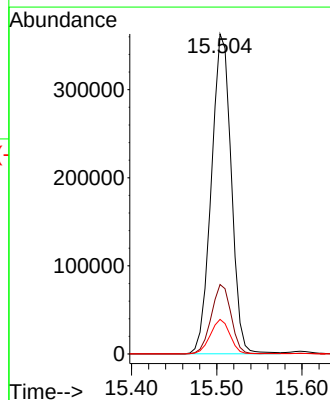
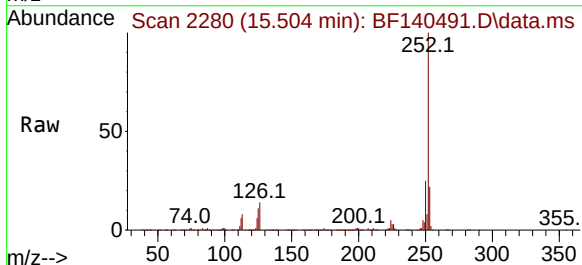
Tgt Ion:252 Resp: 588626

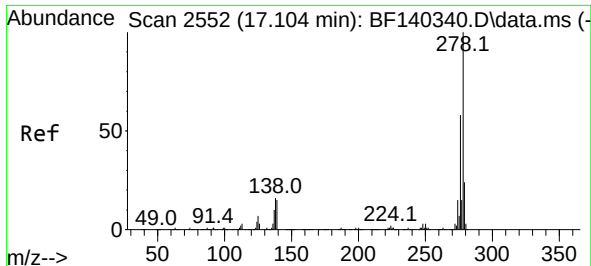
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.8 8.4 12.6

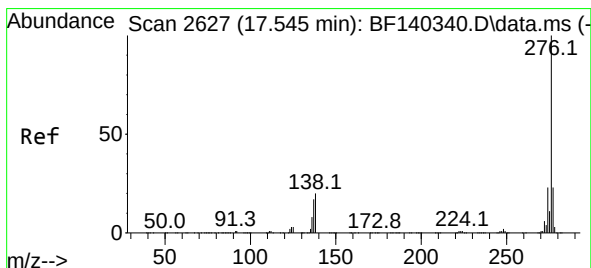
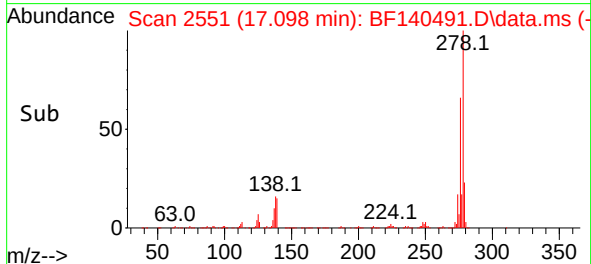
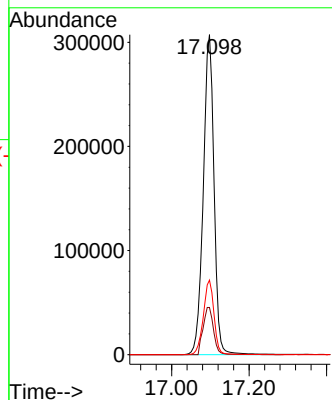
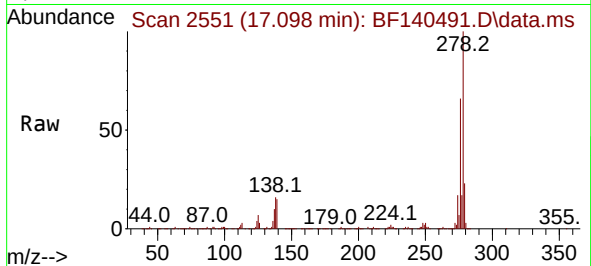




#91
Dibenzo(a,h)anthracene
Concen: 48.720 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:278 Resp: 592002
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.008 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:276 Resp: 559109
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.2 16.0 24.0

