

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140490.D
 Acq On : 20 Nov 2024 10:23
 Operator : RC/JU
 Sample : PB165039BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

Quant Time: Nov 20 11:10:44 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	123122	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	469130	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266786	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	499057	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288313	20.000	ng	0.00
86) Perylene-d12	15.569	264	231323	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	873274	121.101	ng	0.02
7) Phenol-d6	6.516	99	1144626	117.158	ng	0.01
23) Nitrobenzene-d5	7.440	82	748263	83.104	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	344061	129.689	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1401959	84.477	ng	0.00
79) Terphenyl-d14	12.986	244	1573985	94.762	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.734	88	120086	37.364	ng	99
3) Pyridine	3.493	79	306476	38.788	ng	99
4) n-Nitrosodimethylamine	3.446	42	168551	42.208	ng	99
6) Aniline	6.540	93	334674	39.378	ng	# 59
8) 2-Chlorophenol	6.663	128	351794	45.415	ng	97
9) Benzaldehyde	6.428	77	225132	38.448	ng	97
10) Phenol	6.528	94	444934	43.184	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	339985	43.550	ng	100
12) 1,3-Dichlorobenzene	6.816	146	358353	41.929	ng	99
13) 1,4-Dichlorobenzene	6.893	146	367350	42.389	ng	99
14) 1,2-Dichlorobenzene	7.046	146	353286	43.913	ng	98
15) Benzyl Alcohol	7.016	79	319937	45.452	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	445198	41.286	ng	72
17) 2-Methylphenol	7.134	107	277897	43.611	ng	# 93
18) Hexachloroethane	7.381	117	136773	42.691	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	248880	42.178	ng	99
20) 3+4-Methylphenols	7.287	107	348702	43.757	ng	96
22) Acetophenone	7.281	105	462395	42.379	ng	98
24) Nitrobenzene	7.457	77	385664	41.139	ng	99
25) Isophorone	7.693	82	691142	43.311	ng	100
26) 2-Nitrophenol	7.769	139	185887	44.684	ng	98
27) 2,4-Dimethylphenol	7.810	122	287663	54.012	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	423430	43.274	ng	100
29) 2,4-Dichlorophenol	8.016	162	294883	44.800	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	303866	41.465	ng	99
31) Naphthalene	8.175	128	1021057	42.905	ng	100
32) Benzoic acid	7.940	122	196648	41.961	ng	97
33) 4-Chloroaniline	8.228	127	187809	22.692	ng	98
34) Hexachlorobutadiene	8.293	225	198317	42.474	ng	99
35) Caprolactam	8.592	113	68172	31.161	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	326768	44.797	ng	99
37) 2-Methylnaphthalene	8.869	142	670405	43.933	ng	100
38) 1-Methylnaphthalene	8.969	142	621859	41.615	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	316611	42.916	ng	99
41) Hexachlorocyclopentadiene	9.016	237	296374	156.464	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	213600	44.118	ng	99

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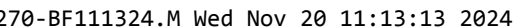
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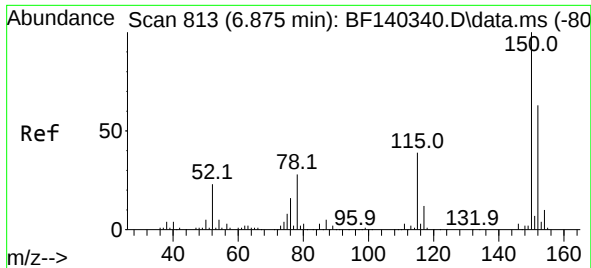
Quant Time: Nov 20 11:10:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	225620	42.623	ng	98
46) 1,1'-Biphenyl	9.334	154	831455	42.839	ng	99
47) 2-Chloronaphthalene	9.357	162	619595	41.908	ng	99
48) 2-Nitroaniline	9.457	65	213573	43.558	ng	99
49) Acenaphthylene	9.775	152	1032642	46.164	ng	100
50) Dimethylphthalate	9.634	163	767413	44.131	ng	100
51) 2,6-Dinitrotoluene	9.698	165	169885	42.853	ng	96
52) Acenaphthene	9.945	154	631395	41.790	ng	100
53) 3-Nitroaniline	9.869	138	119399	28.679	ng	98
54) 2,4-Dinitrophenol	9.981	184	182599	89.319	ng	99
55) Dibenzofuran	10.122	168	945064	44.186	ng	99
56) 4-Nitrophenol	10.045	139	247829	81.609	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224954	43.116	ng	98
58) Fluorene	10.463	166	730865	43.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	189017	45.224	ng	99
60) Diethylphthalate	10.334	149	766473	43.105	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	361576	43.346	ng	99
62) 4-Nitroaniline	10.486	138	178376	41.903	ng	100
63) Azobenzene	10.610	77	752699	42.842	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	127111	47.340	ng	97
66) n-Nitrosodiphenylamine	10.575	169	647570	44.909	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	219858	44.072	ng	98
68) Hexachlorobenzene	11.010	284	248327	44.242	ng	99
69) Atrazine	11.098	200	215817	49.470	ng	99
70) Pentachlorophenol	11.210	266	254817	84.279	ng	98
71) Phenanthrene	11.428	178	1042842	44.483	ng	100
72) Anthracene	11.481	178	1077211	46.884	ng	100
73) Carbazole	11.633	167	988923	43.591	ng	100
74) Di-n-butylphthalate	11.957	149	1206217	44.299	ng	100
75) Fluoranthene	12.616	202	1154082	43.879	ng	99
77) Benzidine	12.739	184	262307	23.705	ng	99
78) Pyrene	12.845	202	1156753	46.905	ng	99
80) Butylbenzylphthalate	13.457	149	457787	48.322	ng	99
81) Benzo(a)anthracene	14.045	228	887946	46.861	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	173127	28.745	ng	99
83) Chrysene	14.086	228	759099	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	593875	46.964	ng	99
85) Di-n-octyl phthalate	14.663	149	793712	44.567	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721322	50.479	ng	100
88) Benzo(b)fluoranthene	15.127	252	644433	42.587	ng	100
89) Benzo(k)fluoranthene	15.163	252	571544	46.235	ng	100
90) Benzo(a)pyrene	15.504	252	573657	48.818	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	591563	50.083	ng	100
92) Benzo(g,h,i)perylene	17.539	276	560505	46.417	ng	99

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

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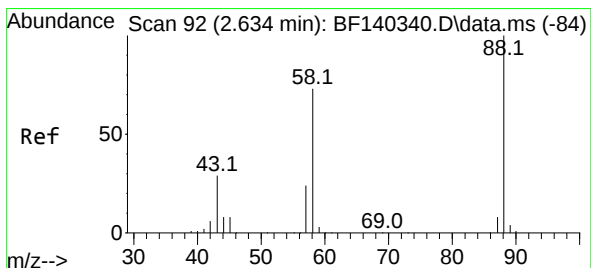
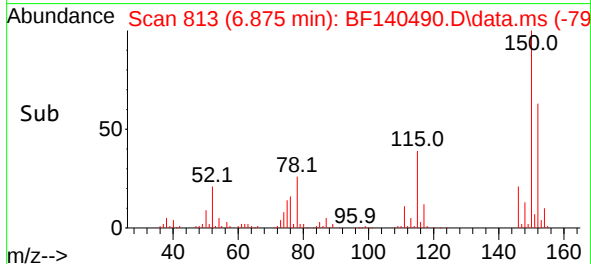
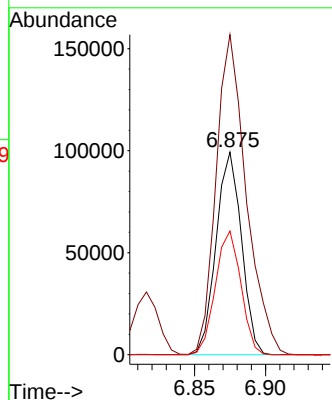
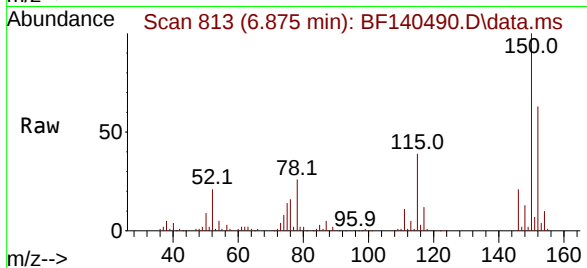




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

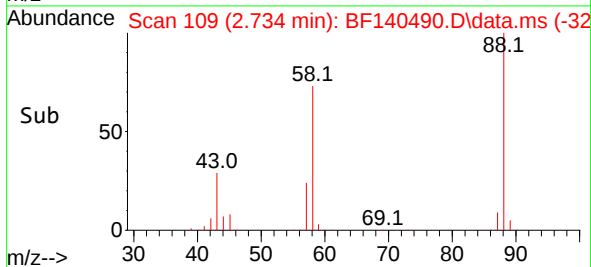
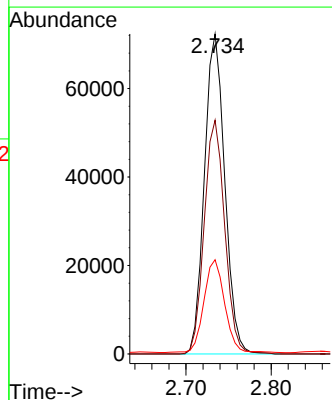
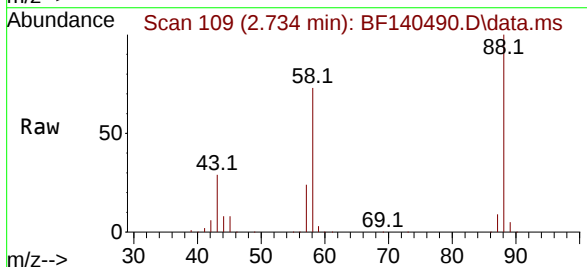
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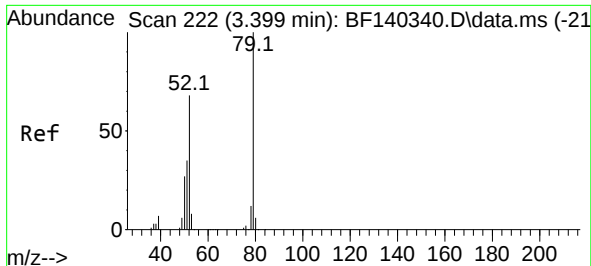
Tgt Ion:152 Resp: 123122
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.4 191.0
 115 61.1 47.4 71.2



#2
 1,4-Dioxane
 Concen: 37.364 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

Tgt Ion: 88 Resp: 120086
 Ion Ratio Lower Upper
 88 100
 58 73.6 59.5 89.3
 43 29.6 23.4 35.2





#3

Pyridine

Concen: 38.788 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

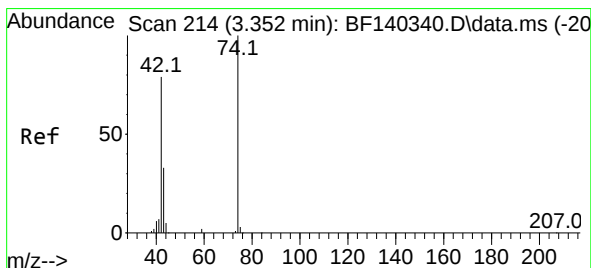
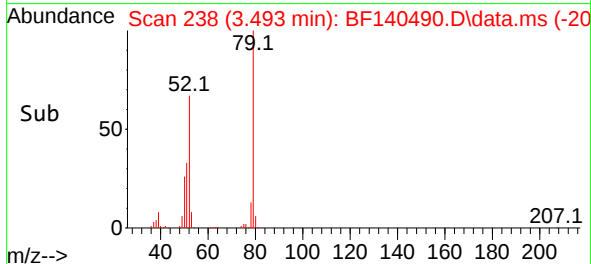
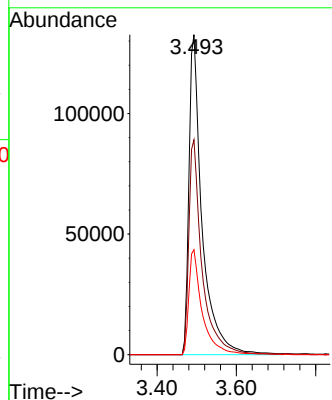
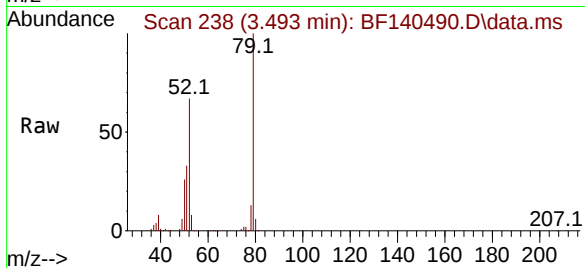
Tgt Ion: 79 Resp: 306476

Ion Ratio Lower Upper

79 100

52 67.2 53.8 80.6

51 32.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.208 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

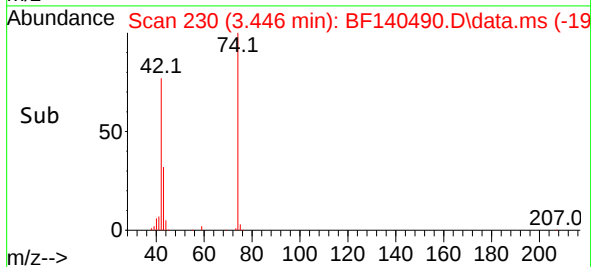
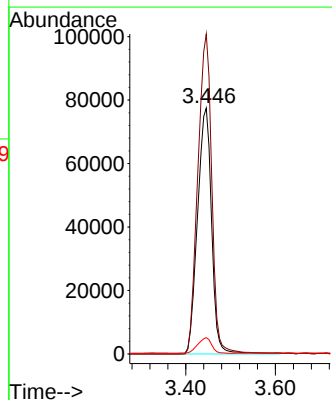
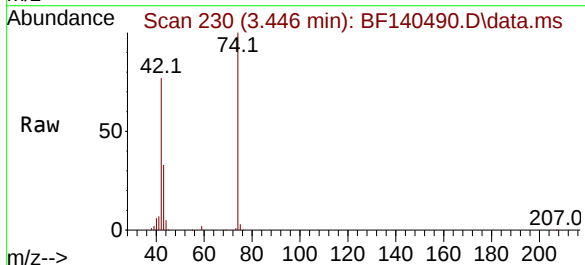
Tgt Ion: 42 Resp: 168551

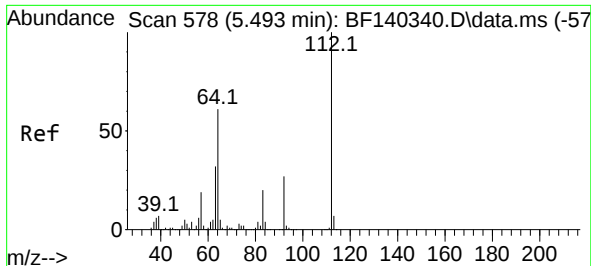
Ion Ratio Lower Upper

42 100

74 130.1 103.5 155.3

44 6.7 5.1 7.7

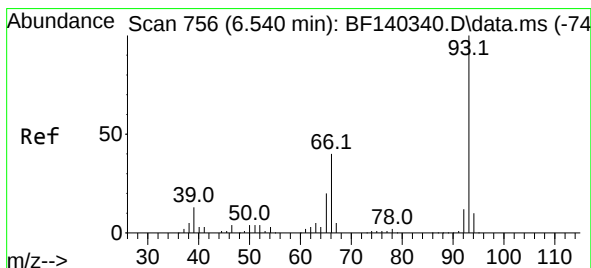
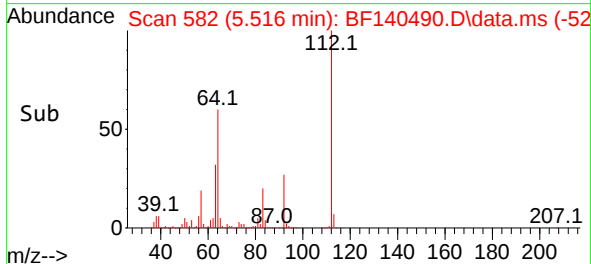
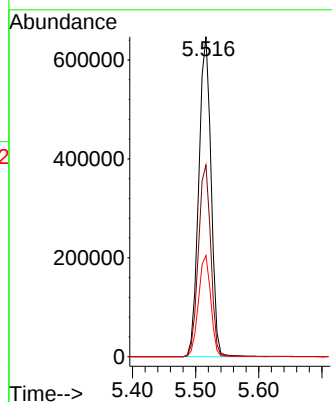
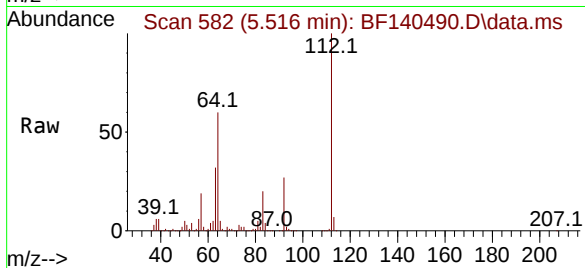




#5
2-Fluorophenol
Concen: 121.101 ng
RT: 5.516 min Scan# 516
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

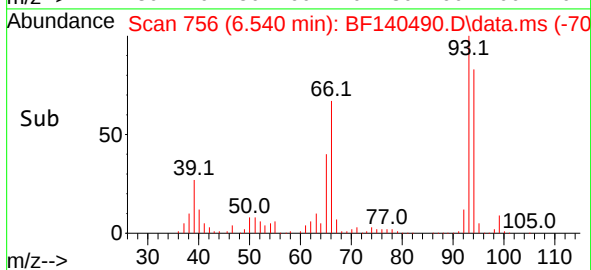
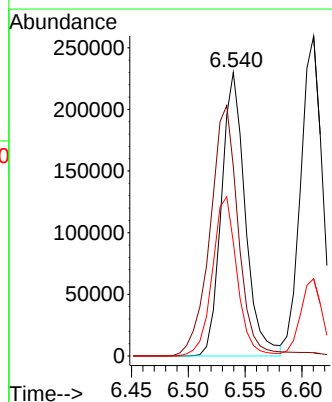
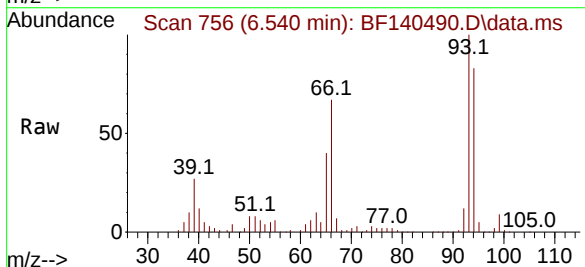
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 873274
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.6 25.6 38.4



#6
Aniline
Concen: 39.378 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 93 Resp: 334674
Ion Ratio Lower Upper
93 100
66 66.7 32.8 49.2#
65 40.1 16.6 25.0#

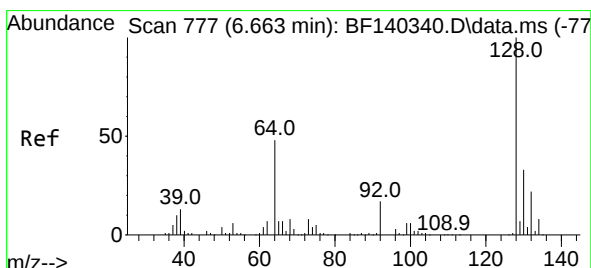
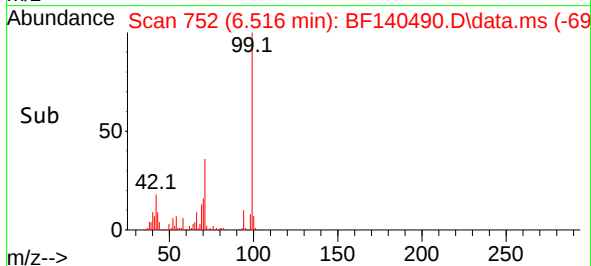
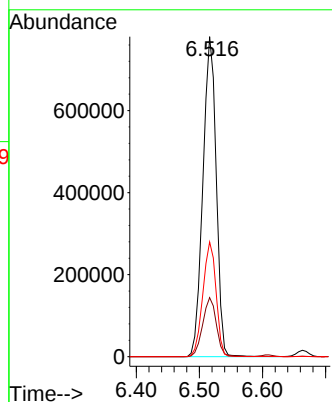
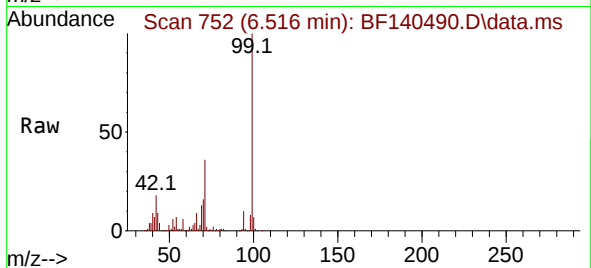




#7
Phenol-d6
Concen: 117.158 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

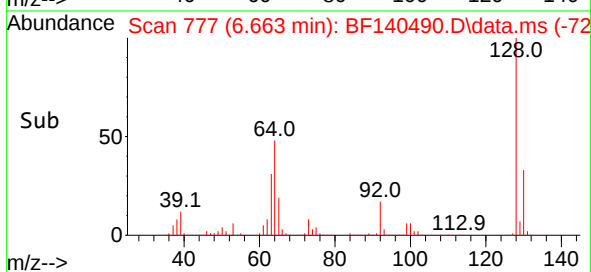
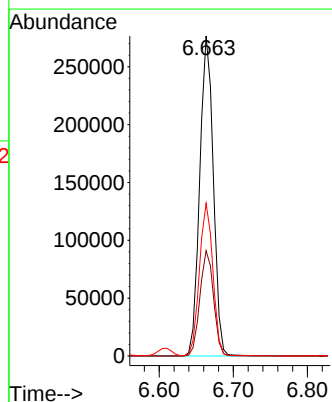
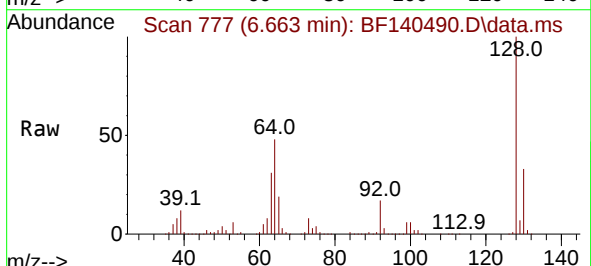
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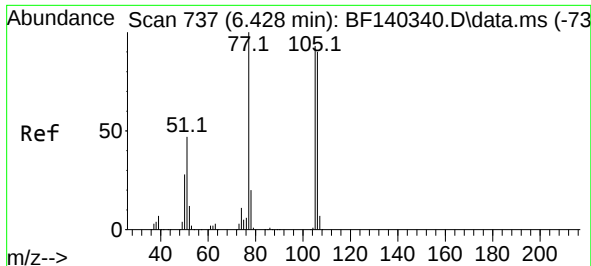
Tgt Ion: 99 Resp: 1144626
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.9 27.9 41.9



#8
2-Chlorophenol
Concen: 45.415 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 128 Resp: 351794
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 47.7 30.2 70.2





#9

Benzaldehyde

Concen: 38.448 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

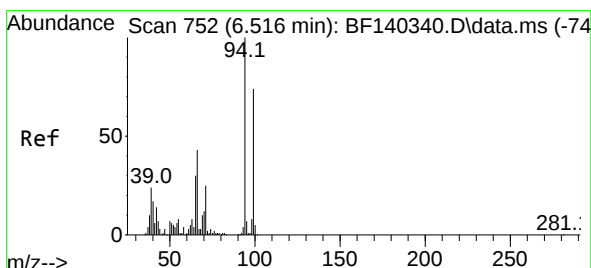
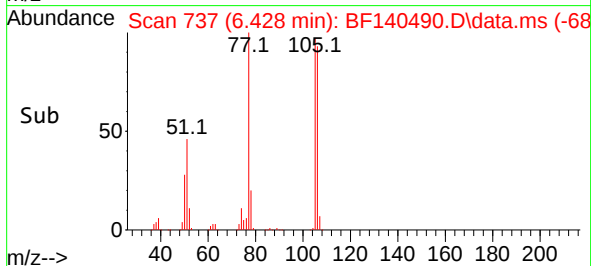
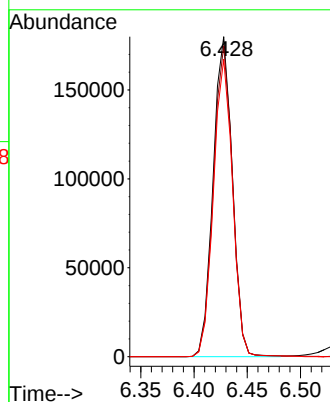
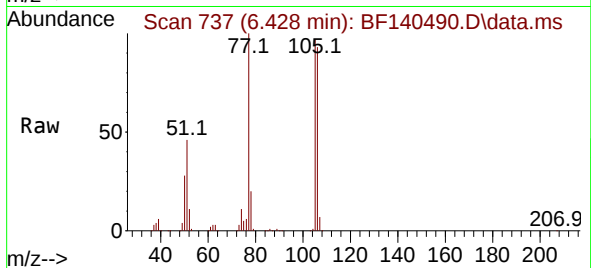
Tgt Ion: 77 Resp: 225132

Ion Ratio Lower Upper

77 100

105 97.2 74.4 114.4

106 93.0 69.9 109.9



#10

Phenol

Concen: 43.184 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

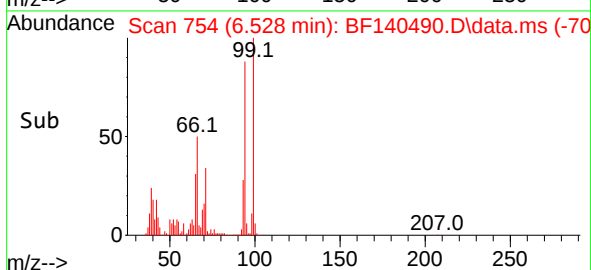
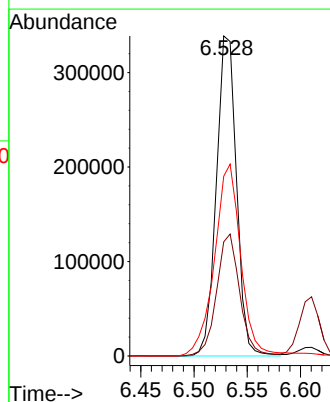
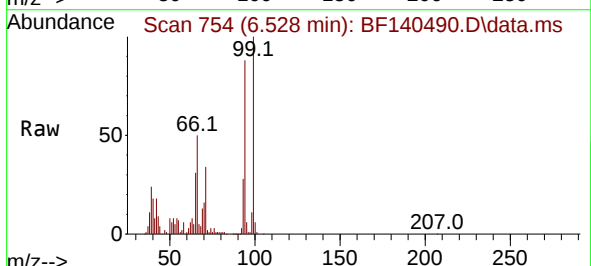
Tgt Ion: 94 Resp: 444934

Ion Ratio Lower Upper

94 100

65 35.7 10.4 50.4

66 56.1 22.9 62.9

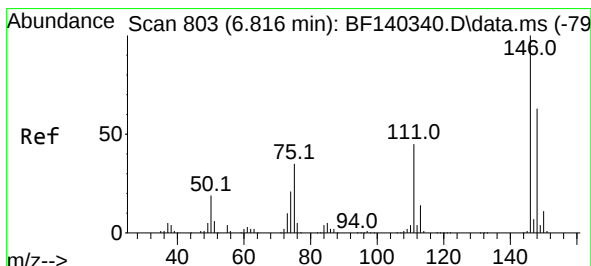
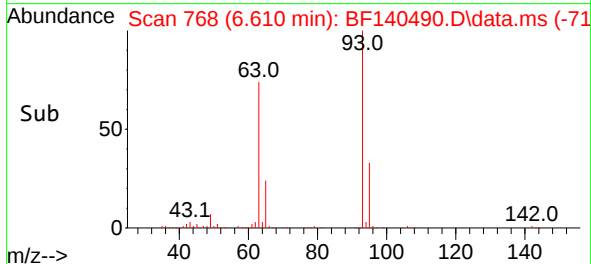
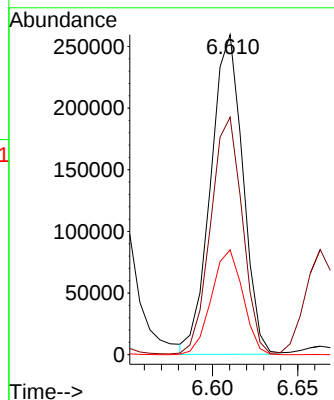
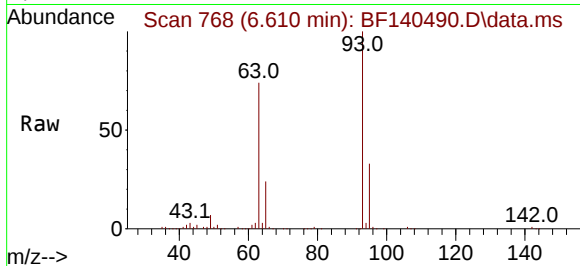




#11
bis(2-Chloroethyl)ether
Concen: 43.550 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

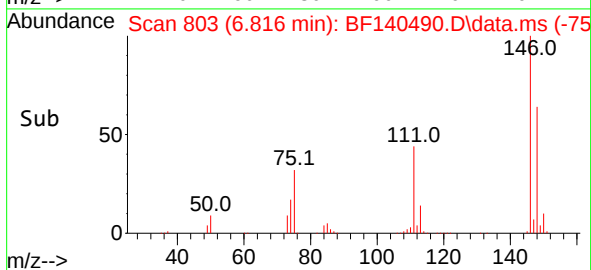
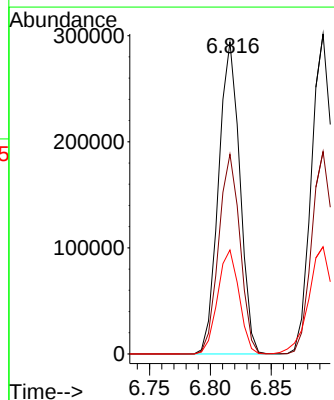
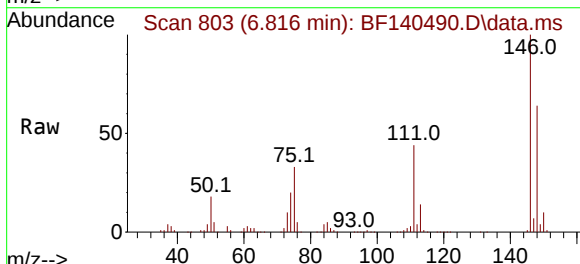
Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion: 93 Resp: 339985
Ion Ratio Lower Upper
93 100
63 74.2 54.0 94.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.929 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 146 Resp: 358353
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 33.4 26.4 39.6

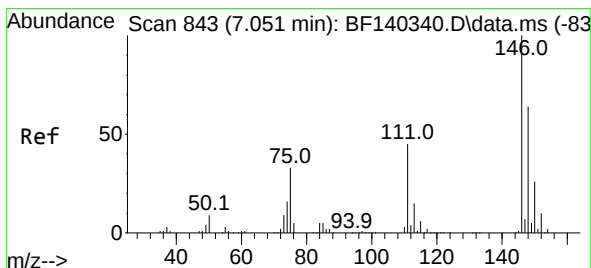
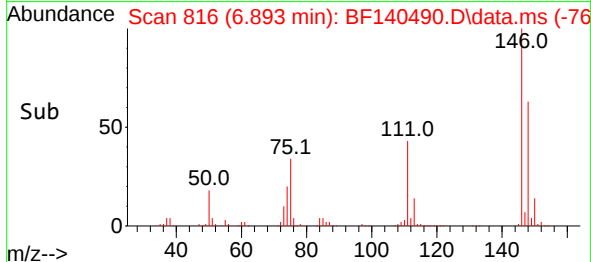
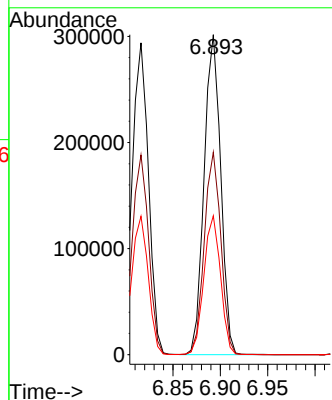
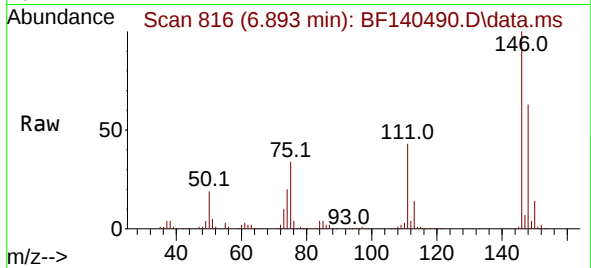




#13
1,4-Dichlorobenzene
Concen: 42.389 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

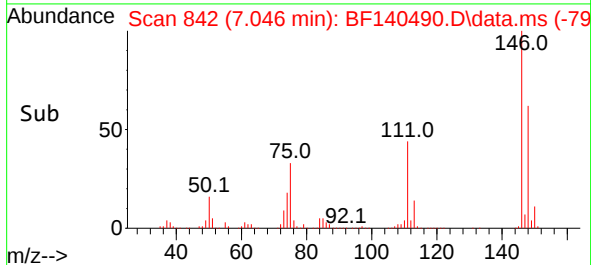
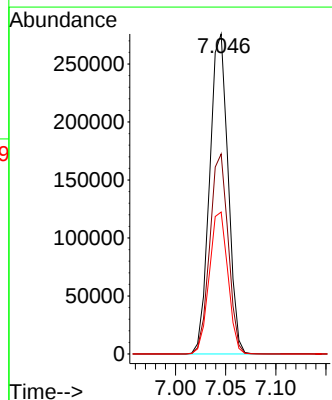
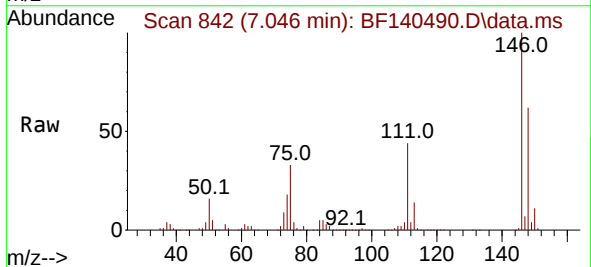
Instrument :
BNA_F
ClientSampleId :
PB165039BS

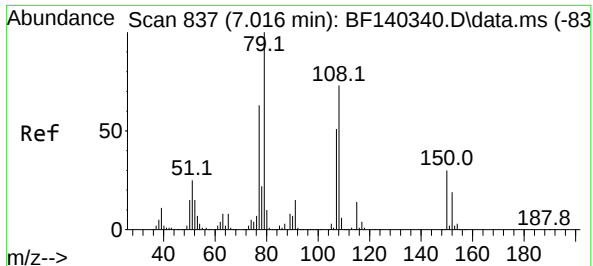
Tgt Ion:146 Resp: 367350
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.4 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.913 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:146 Resp: 353286
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 44.4 36.5 54.7

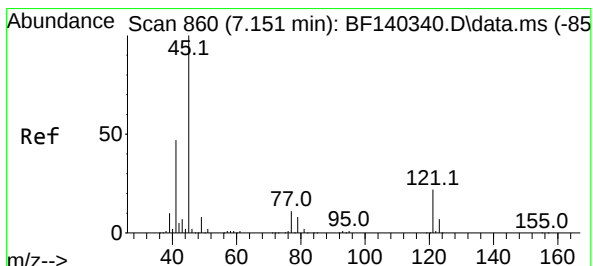
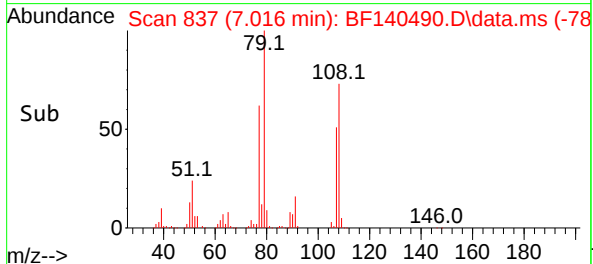
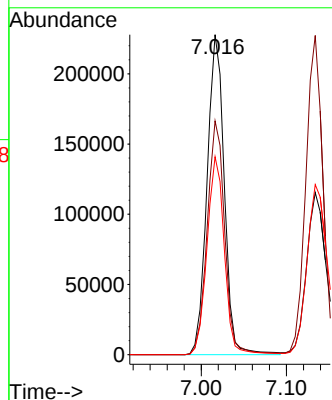
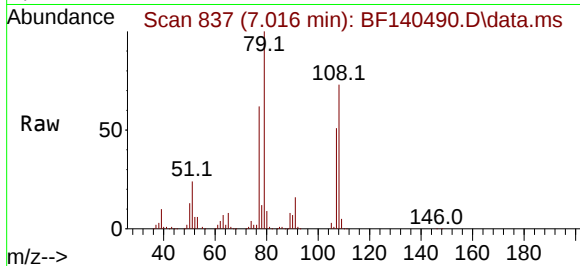




#15
Benzyl Alcohol
Concen: 45.452 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

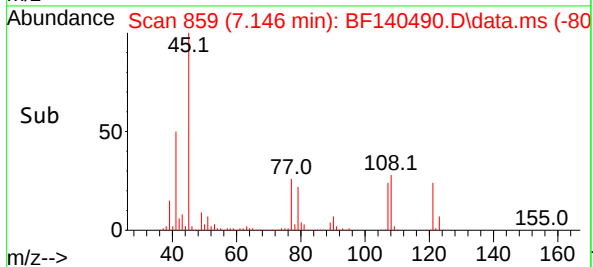
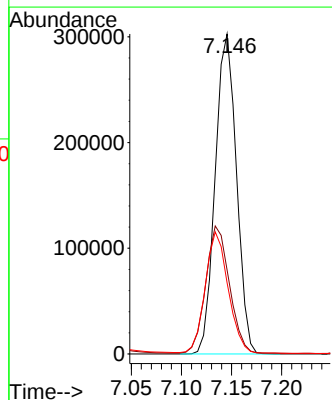
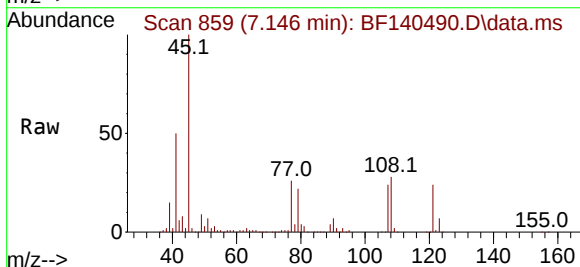
Instrument :
BNA_F
ClientSampleId :
PB165039BS

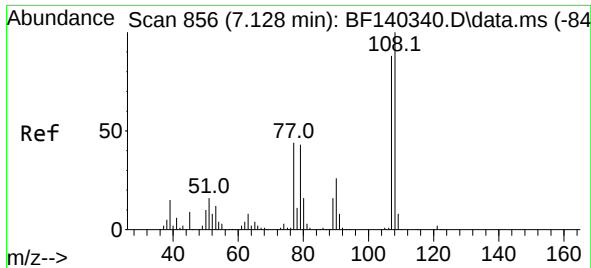
Tgt Ion: 79 Resp: 319937
Ion Ratio Lower Upper
79 100
108 73.1 57.8 86.6
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.286 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 45 Resp: 445198
Ion Ratio Lower Upper
45 100
77 26.3 0.0 34.8
79 22.3 0.0 31.4



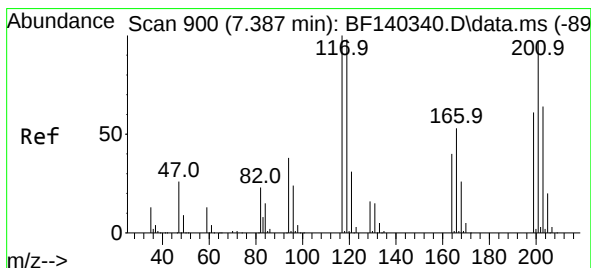
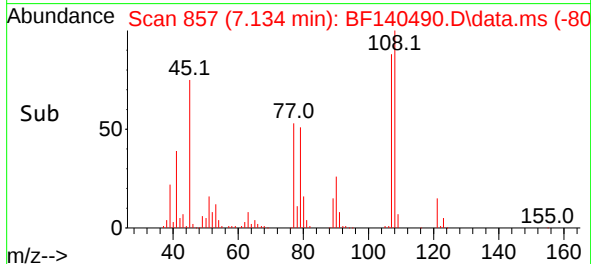
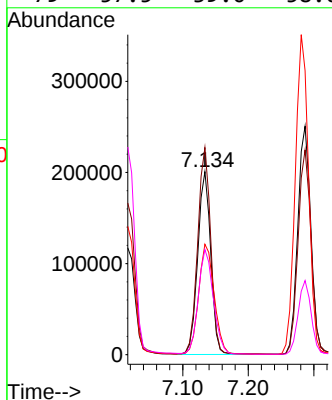
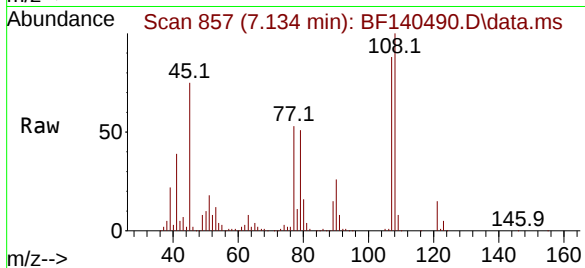


#17
2-Methylphenol
Concen: 43.611 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:107 Resp: 277897

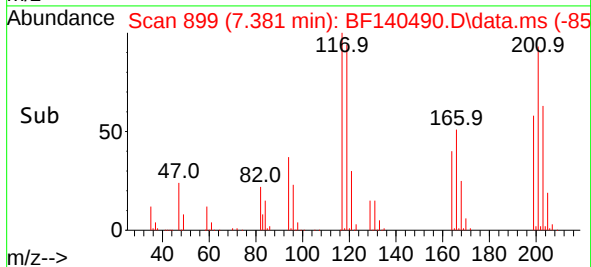
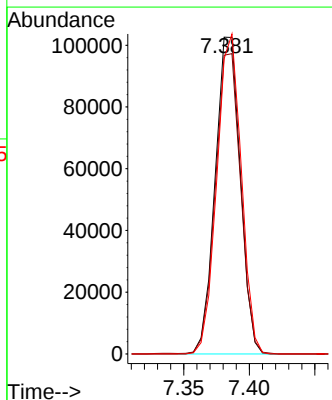
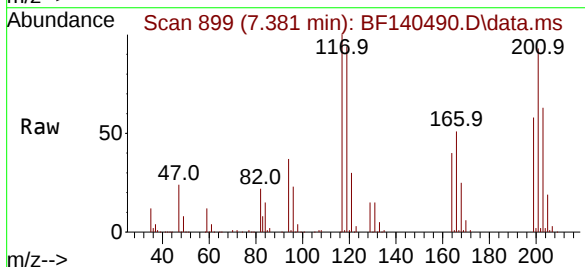
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.9	137.9
77	60.3	39.7	59.5#
79	57.5	39.0	58.6



#18
Hexachloroethane
Concen: 42.691 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:117 Resp: 136773

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.9	115.3
201	93.2	80.2	120.4



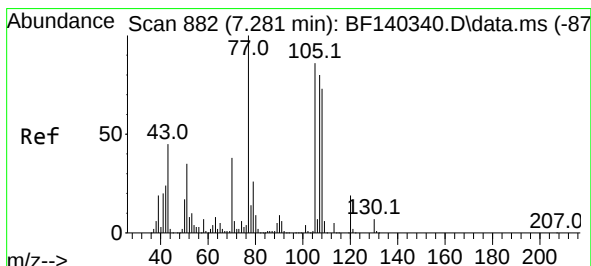
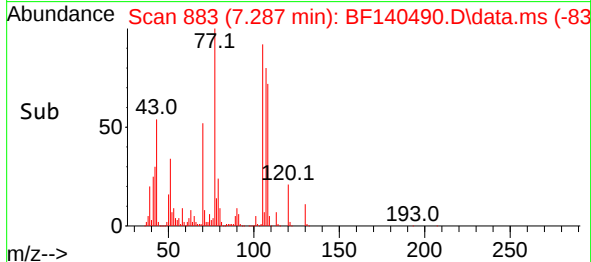
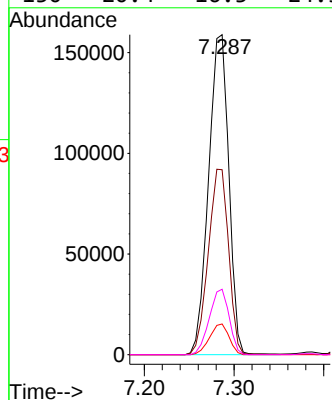
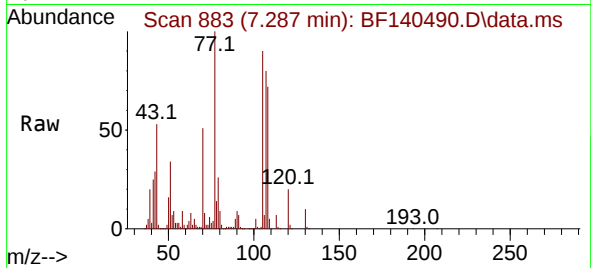


#19
n-Nitroso-di-n-propylamine
Concen: 42.178 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion: 70 Resp: 248880

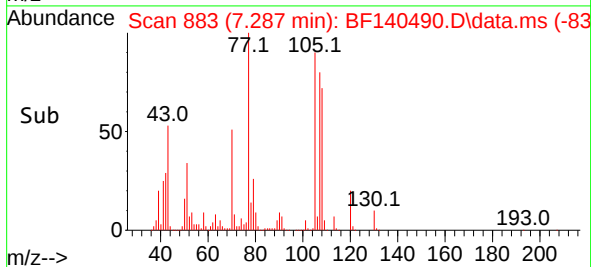
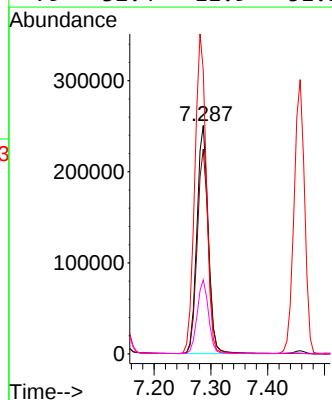
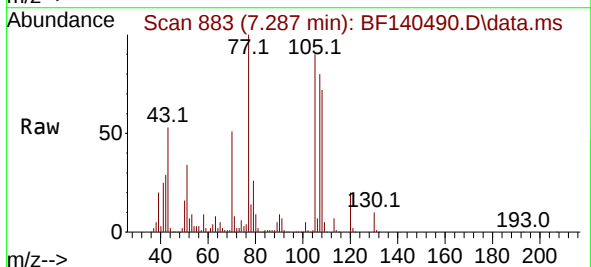
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.8	70.2
101	9.6	7.5	11.3
130	20.4	16.3	24.5

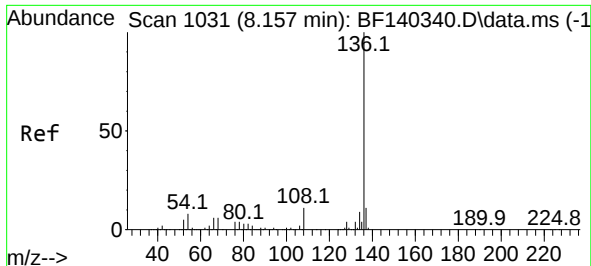


#20
3+4-Methylphenols
Concen: 43.757 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 107 Resp: 348702

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	124.3	97.0	137.0
79	32.4	11.9	51.9

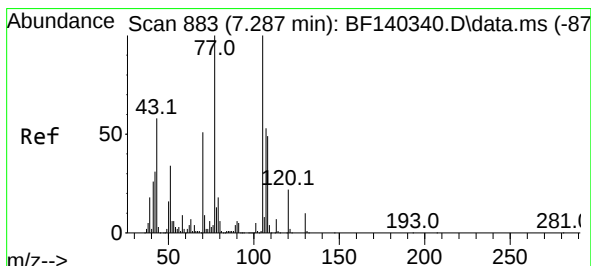
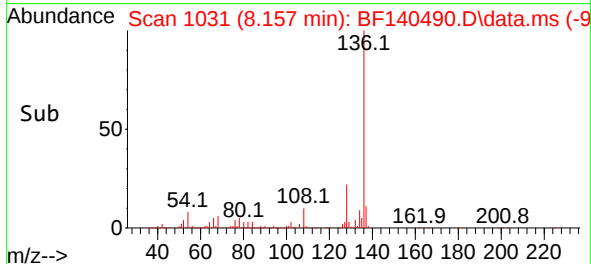
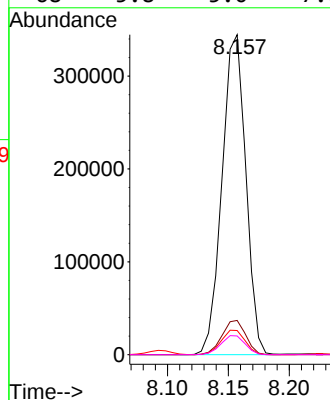
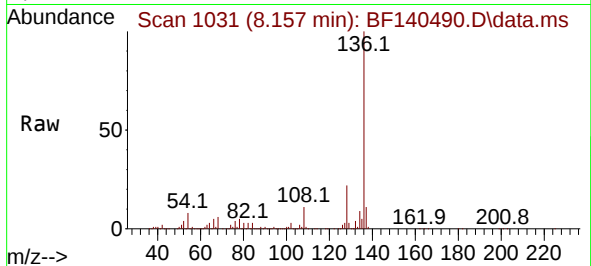




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

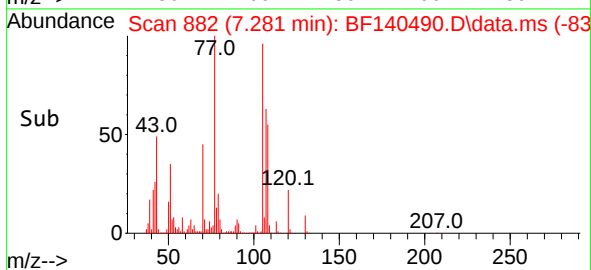
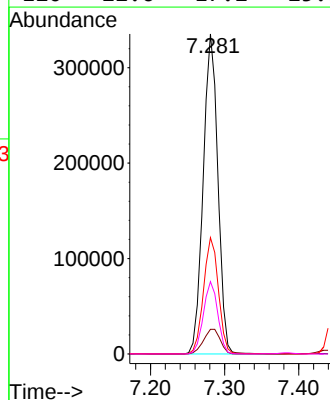
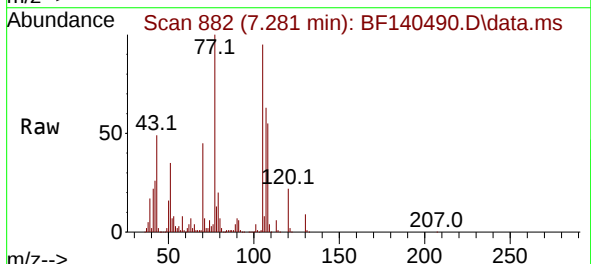
Instrument :
BNA_F
ClientSampleId :
PB165039BS

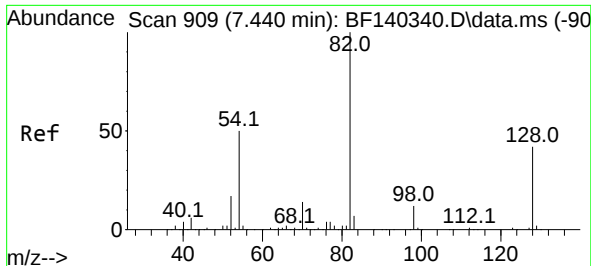
Tgt Ion:136 Resp: 469130
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.6 6.5 9.7
68 5.8 5.0 7.6



#22
Acetophenone
Concen: 42.379 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:105 Resp: 462395
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 36.4 28.6 43.0
120 22.6 17.2 25.8





#23

Nitrobenzene-d5

Concen: 83.104 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

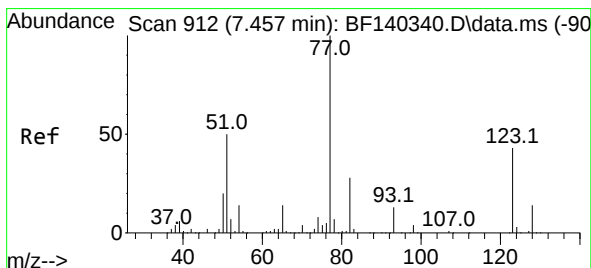
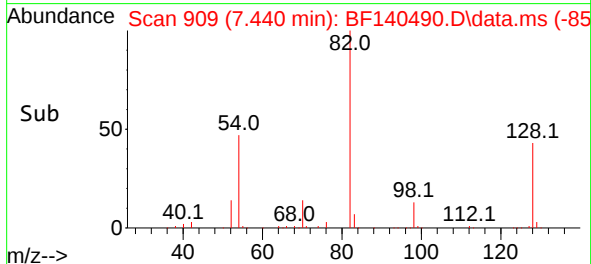
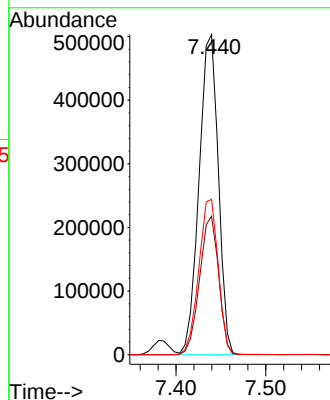
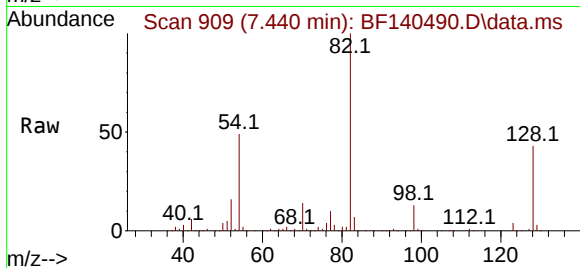
Tgt Ion: 82 Resp: 748263

Ion Ratio Lower Upper

82 100

128 43.3 33.3 49.9

54 48.6 39.8 59.8



#24

Nitrobenzene

Concen: 41.139 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

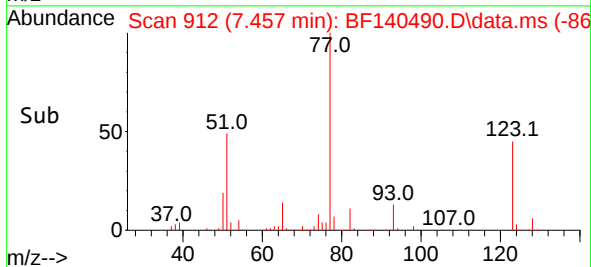
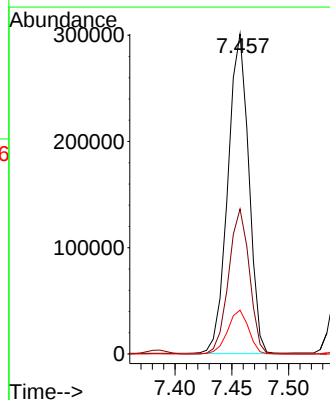
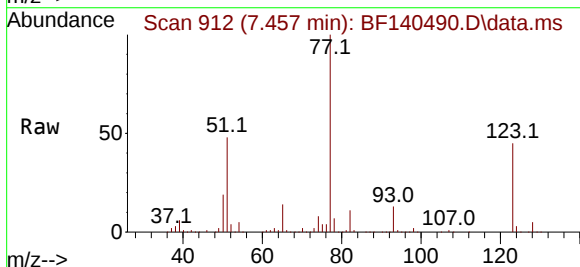
Tgt Ion: 77 Resp: 385664

Ion Ratio Lower Upper

77 100

123 45.3 35.4 53.0

65 13.7 11.1 16.7

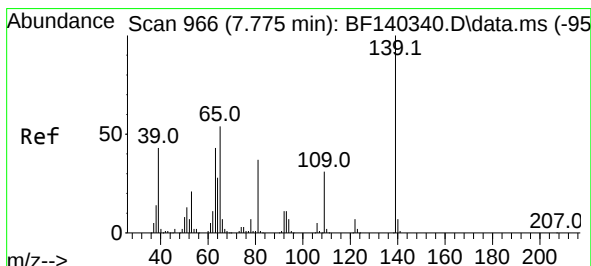
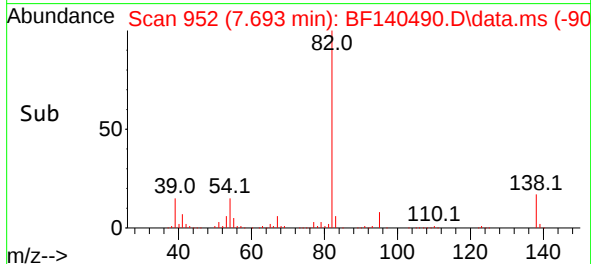
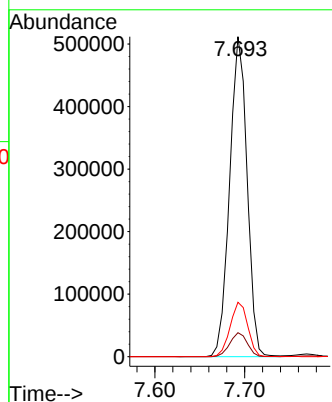
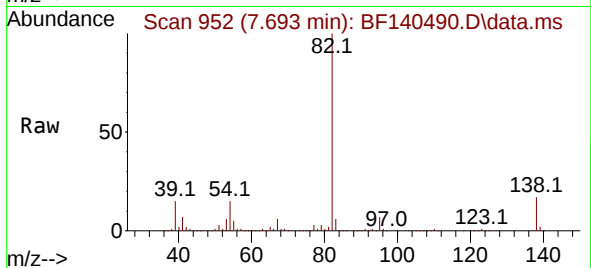




#25
Isophorone
Concen: 43.311 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

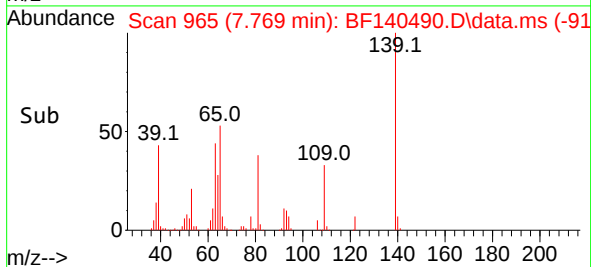
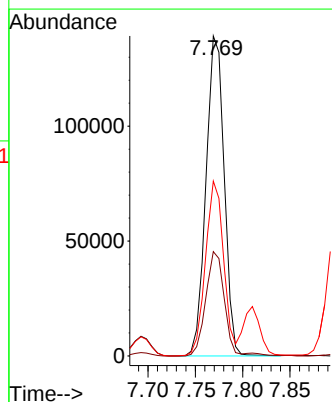
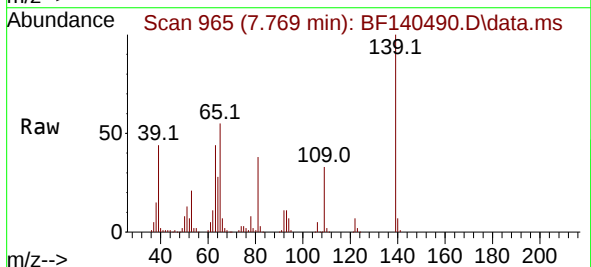
Instrument :
BNA_F
ClientSampleId :
PB165039BS

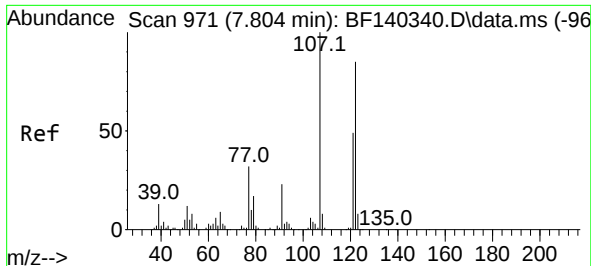
Tgt Ion: 82 Resp: 691142
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.0 13.4 20.2



#26
2-Nitrophenol
Concen: 44.684 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

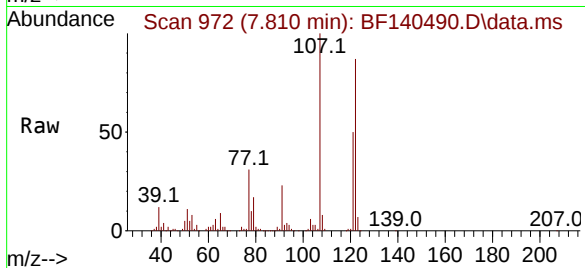
Tgt Ion:139 Resp: 185887
Ion Ratio Lower Upper
139 100
109 32.6 24.4 36.6
65 54.7 42.8 64.2



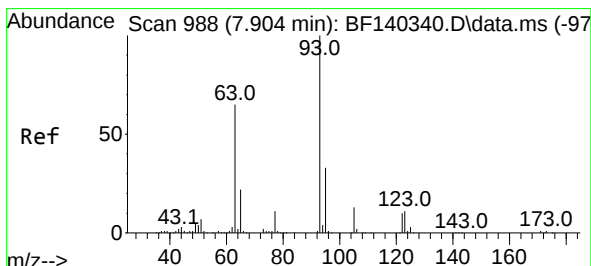
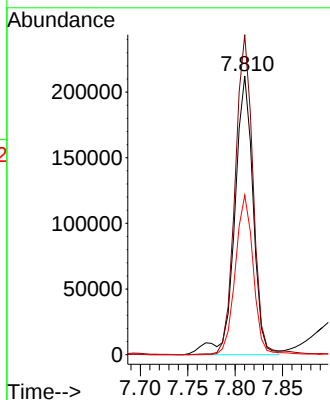
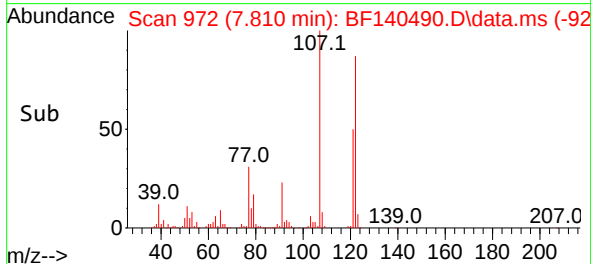


#27
2,4-Dimethylphenol
Concen: 54.012 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

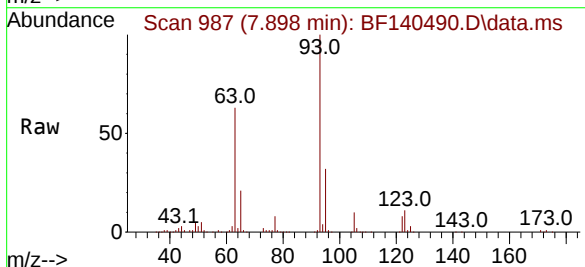
Instrument :
BNA_F
ClientSampleId :
PB165039BS



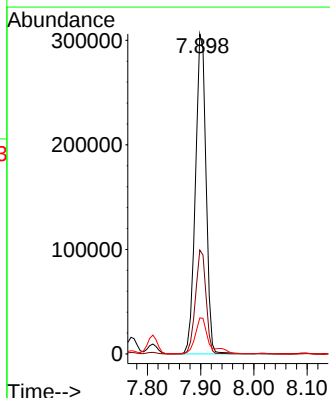
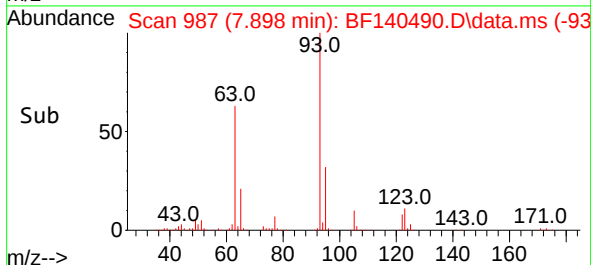
Tgt Ion:122 Resp: 287663
Ion Ratio Lower Upper
122 100
107 114.9 91.3 136.9
121 57.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.274 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion: 93 Resp: 423430
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.800 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

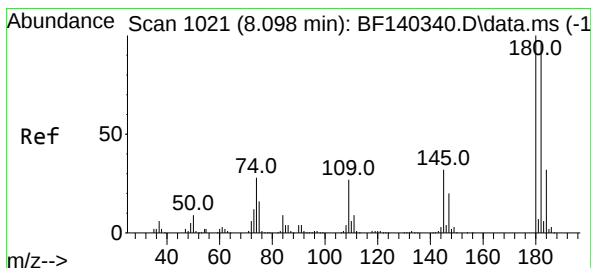
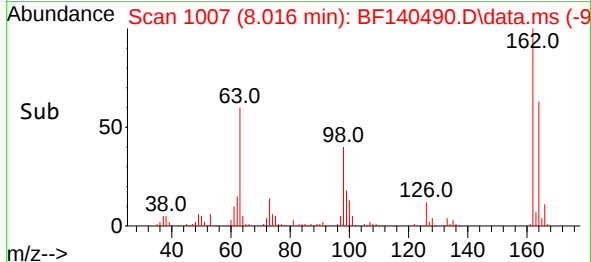
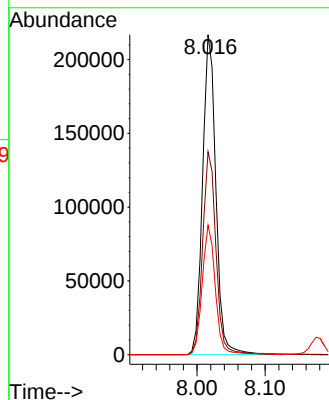
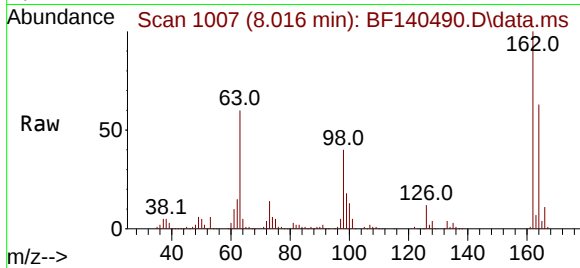
Tgt Ion:162 Resp: 294883

Ion Ratio Lower Upper

162 100

164 63.4 45.4 85.4

98 40.5 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.465 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

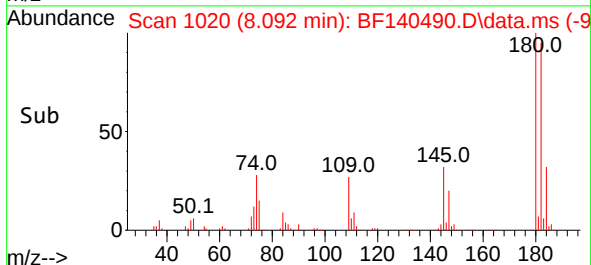
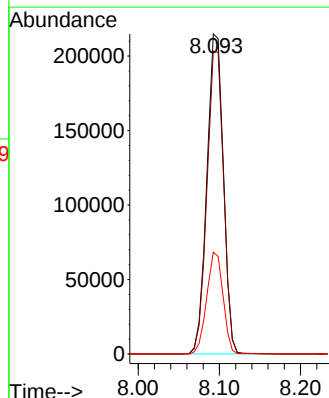
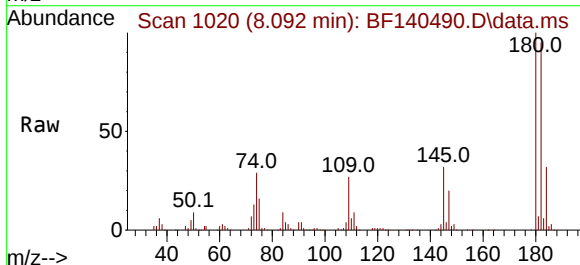
Tgt Ion:180 Resp: 303866

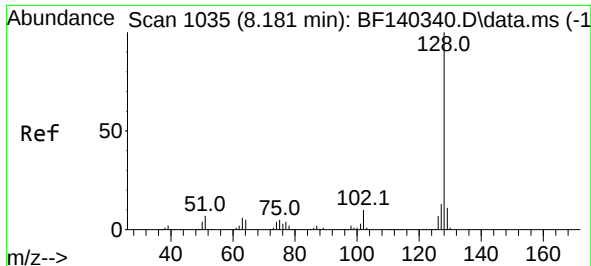
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 31.8 25.3 37.9

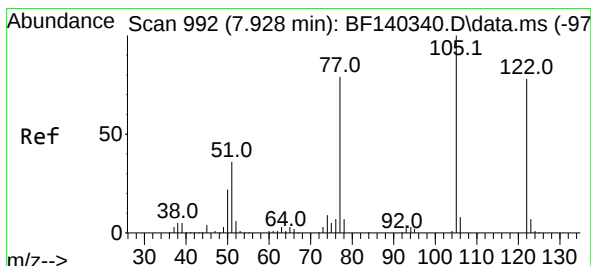
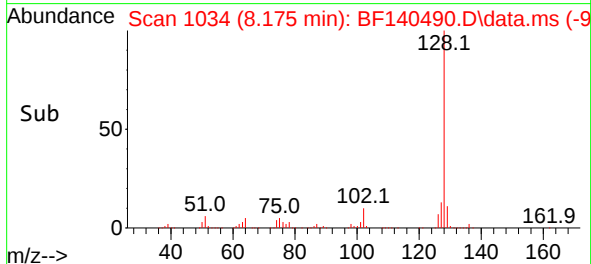
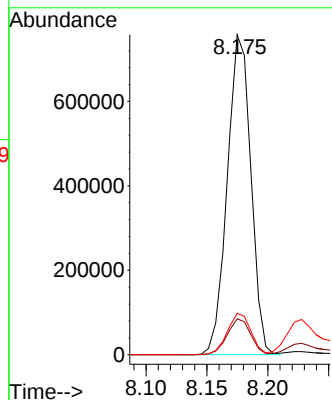
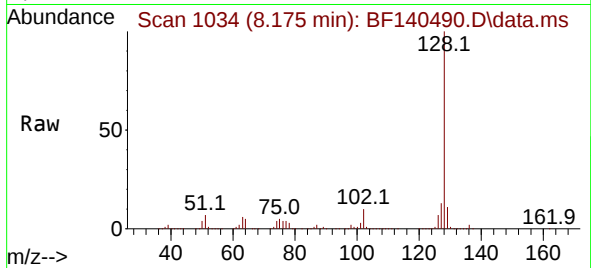




#31
Naphthalene
Concen: 42.905 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

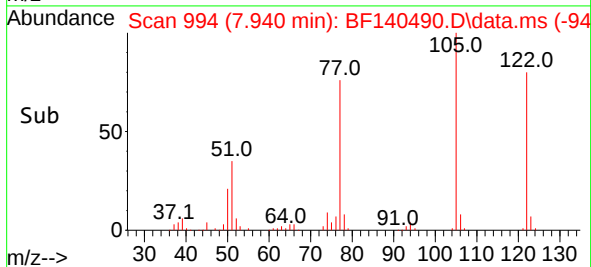
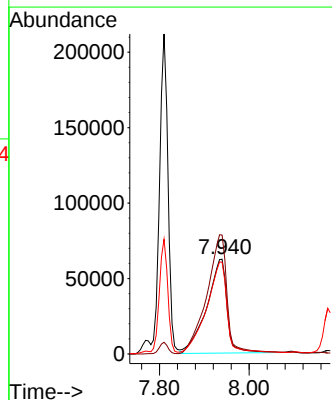
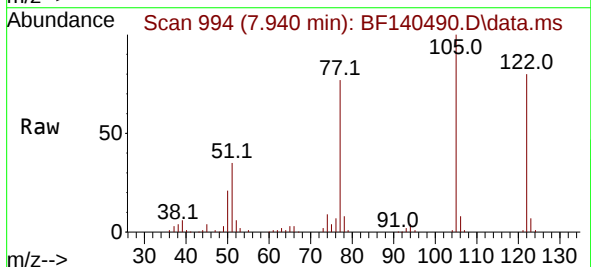
Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:128 Resp: 1021057
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 41.961 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:122 Resp: 196648
Ion Ratio Lower Upper
122 100
105 125.4 100.9 140.9
77 96.9 76.0 116.0

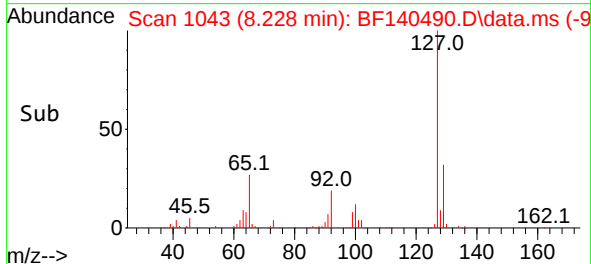
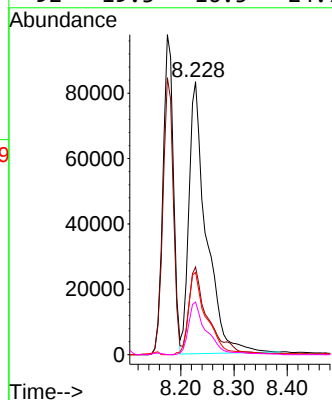
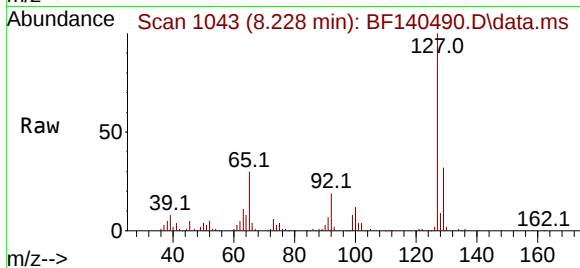




#33
4-Chloroaniline
Concen: 22.692 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

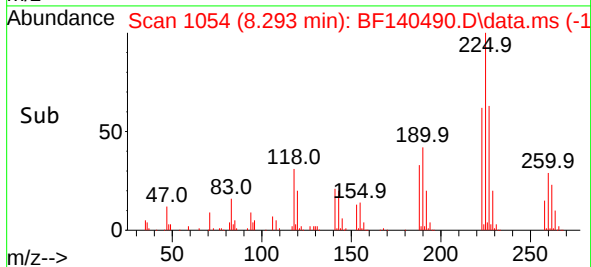
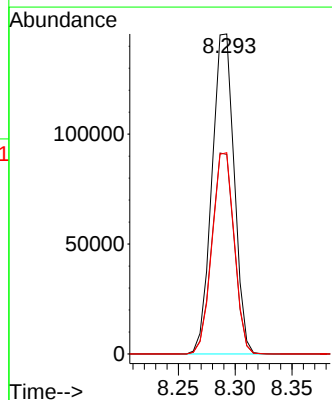
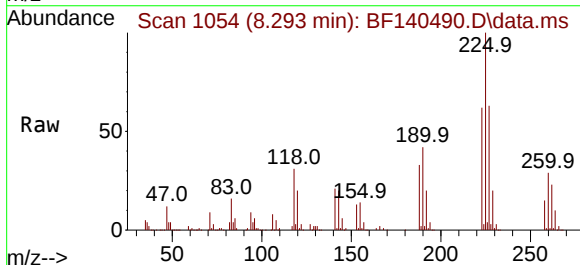
Instrument :
BNA_F
ClientSampleId :
PB165039BS

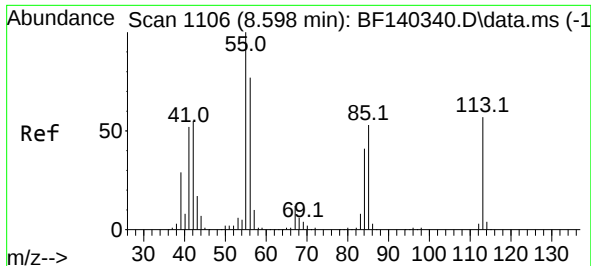
Tgt Ion:	127	Resp:	187809
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	30.2	25.8	38.6
92	19.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.474 ng
RT: 8.293 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:	225	Resp:	198317
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	62.9	51.3	76.9

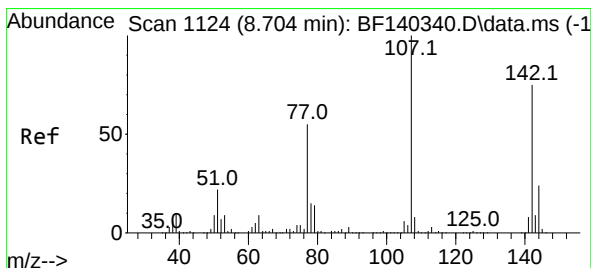
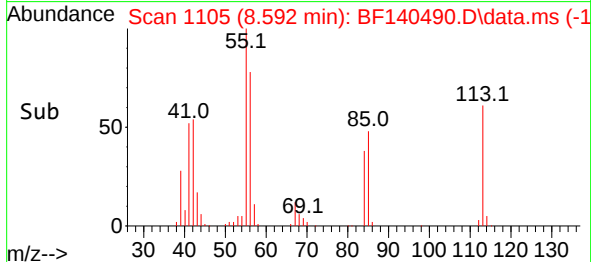
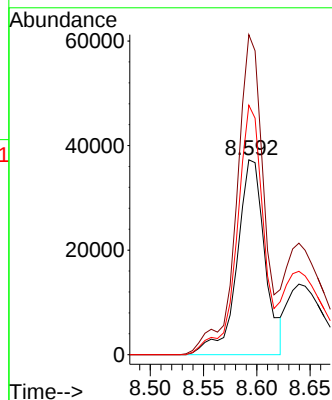
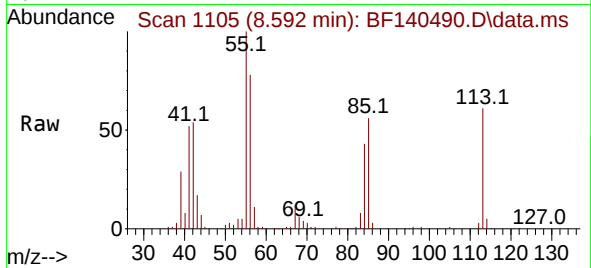




#35
Caprolactam
Concen: 31.161 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

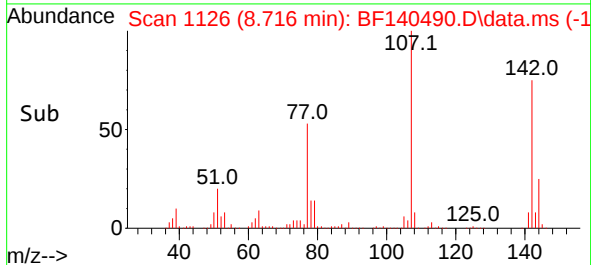
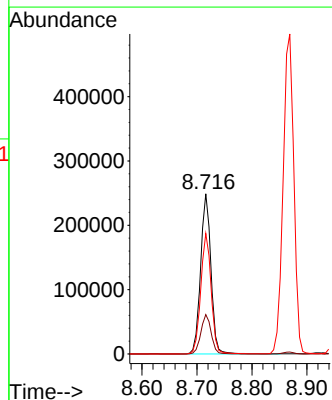
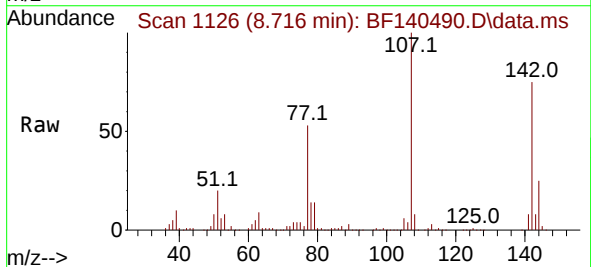
Instrument :
BNA_F
ClientSampleId :
PB165039BS

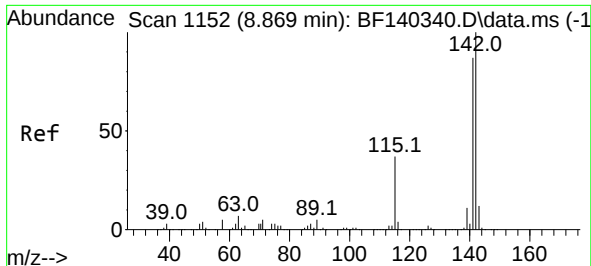
Tgt Ion:113 Resp: 68172
Ion Ratio Lower Upper
113 100
55 164.3 150.0 190.0
56 128.0 111.1 151.1



#36
4-Chloro-3-methylphenol
Concen: 44.797 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:107 Resp: 326768
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 75.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.933 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

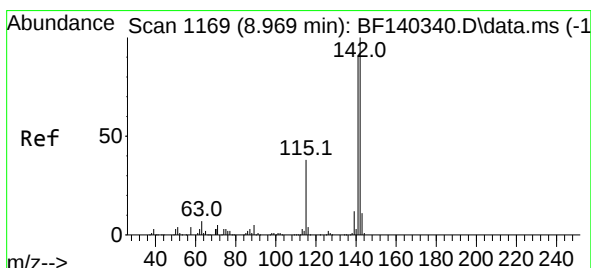
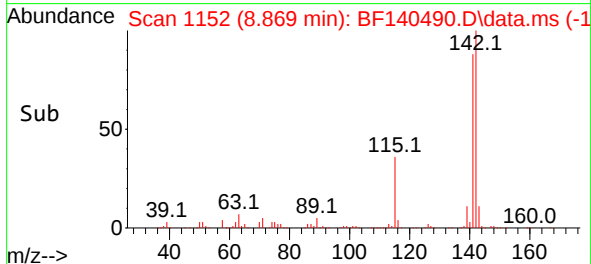
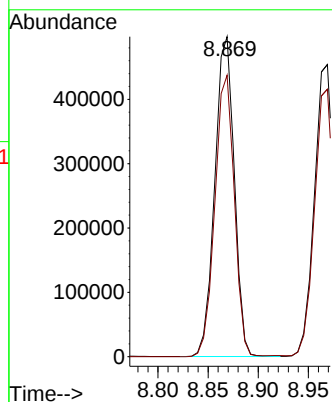
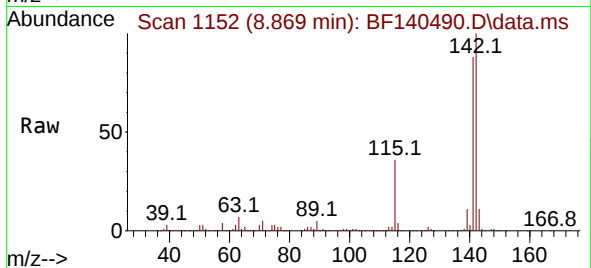
PB165039BS

Tgt Ion:142 Resp: 670405

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.615 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140490.D

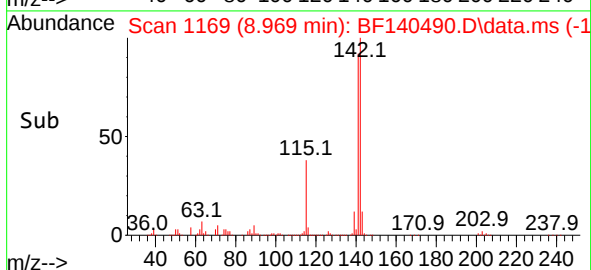
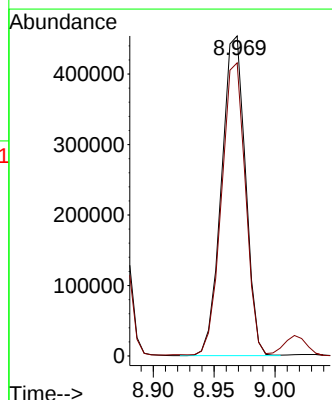
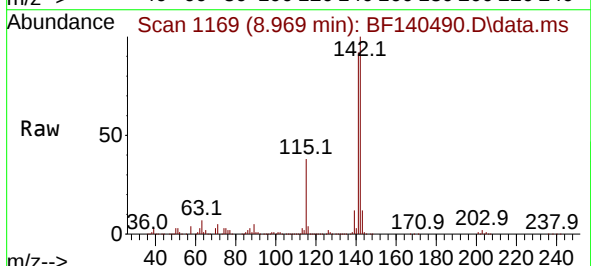
Acq: 20 Nov 2024 10:23

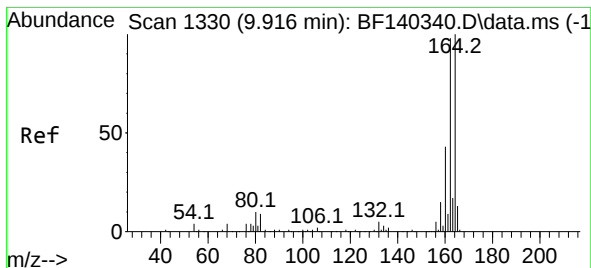
Tgt Ion:142 Resp: 621859

Ion Ratio Lower Upper

142 100

141 91.6 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: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

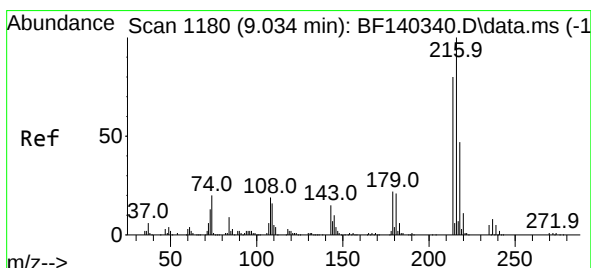
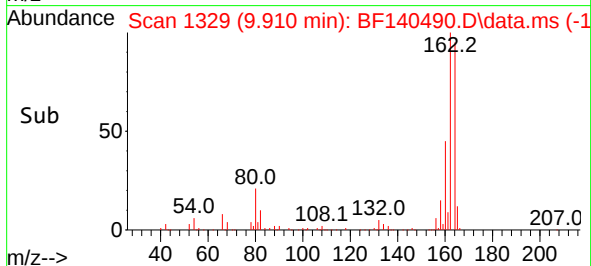
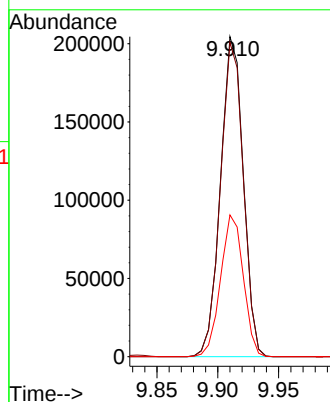
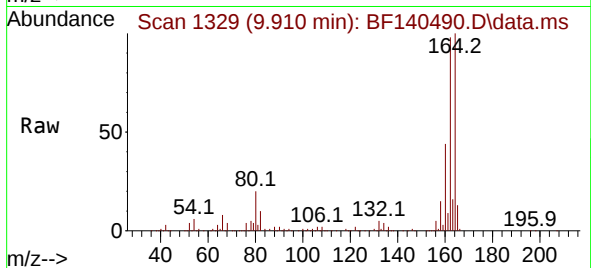
Tgt Ion:164 Resp: 266786

Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.8

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.916 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:216 Resp: 316611

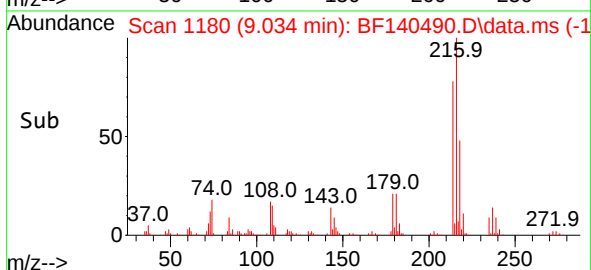
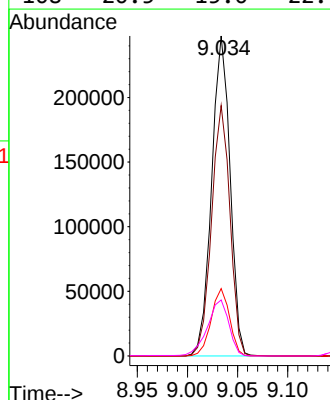
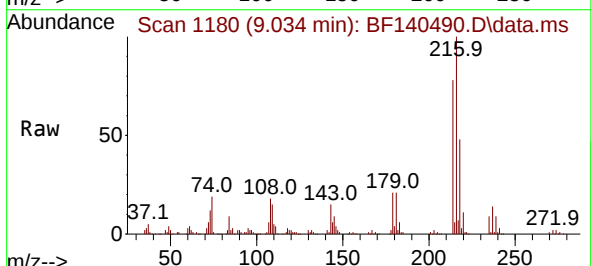
Ion Ratio Lower Upper

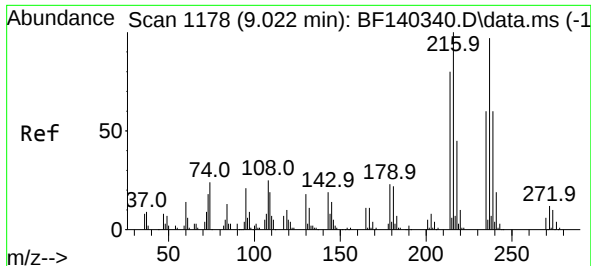
216 100

214 78.2 63.2 94.8

179 21.0 17.2 25.8

108 20.5 15.0 22.4

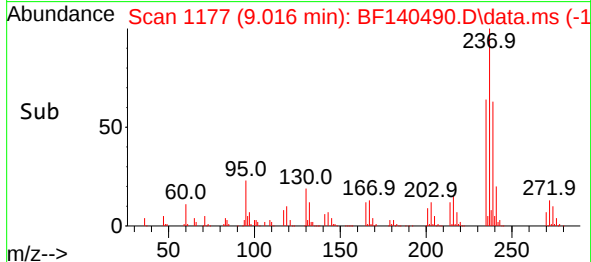
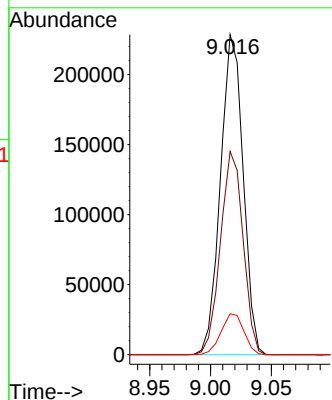
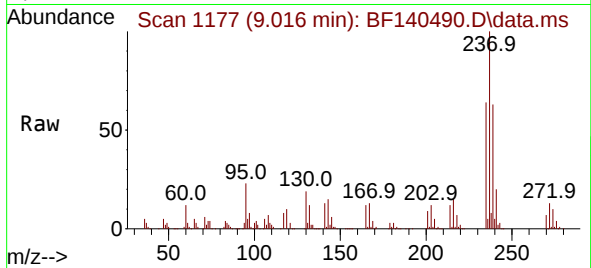




#41
Hexachlorocyclopentadiene
Concen: 156.464 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

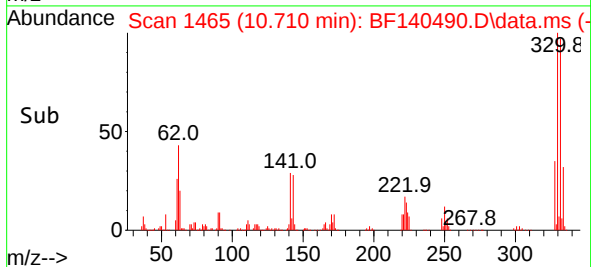
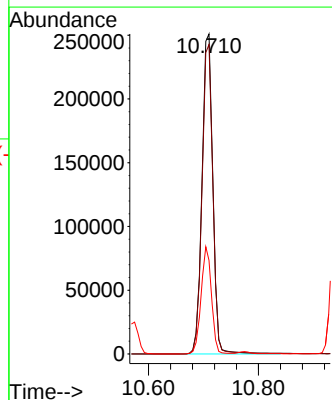
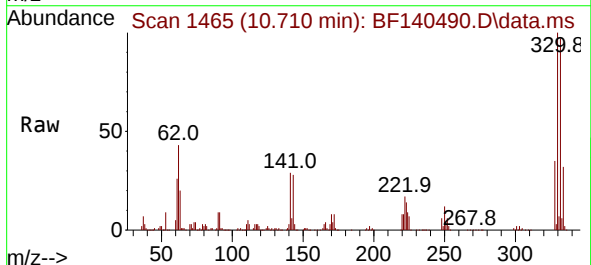
Instrument :
BNA_F
ClientSampleId :
PB165039BS

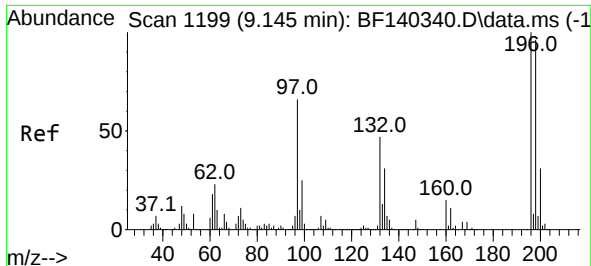
Tgt Ion:237 Resp: 296374
Ion Ratio Lower Upper
237 100
235 63.5 42.8 82.8
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 129.689 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:330 Resp: 344061
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 32.2 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.118 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

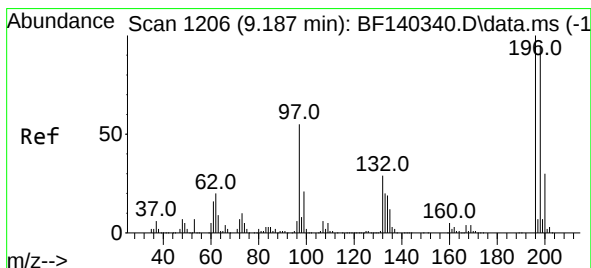
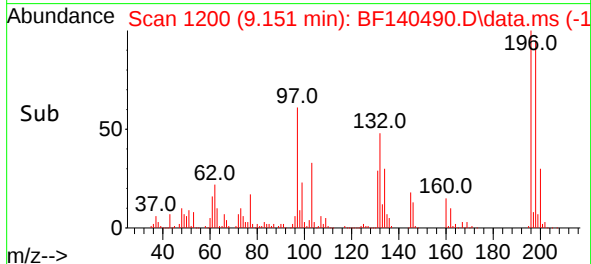
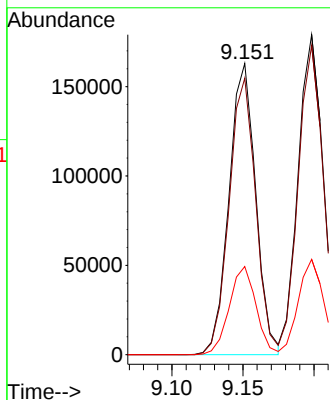
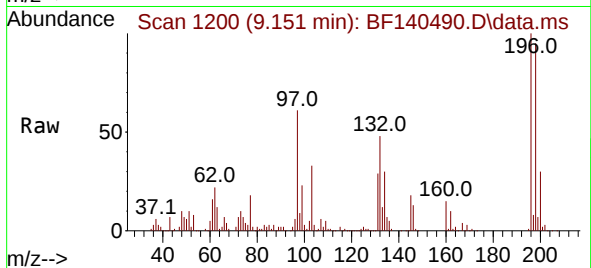
Tgt Ion:196 Resp: 213600

Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.4

200 30.3 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.623 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:196 Resp: 225620

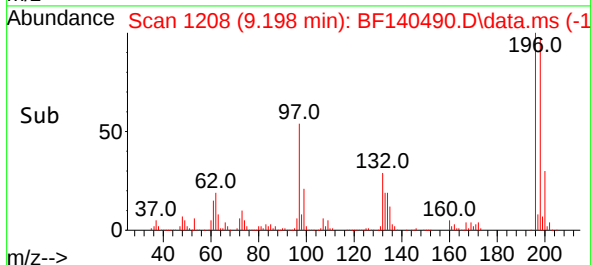
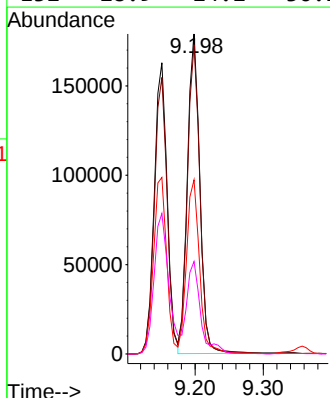
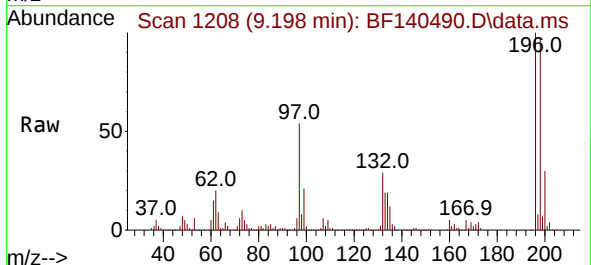
Ion Ratio Lower Upper

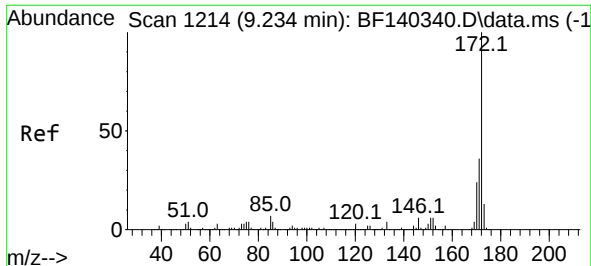
196 100

198 96.7 77.6 116.4

97 54.4 45.4 68.2

132 28.9 24.2 36.2

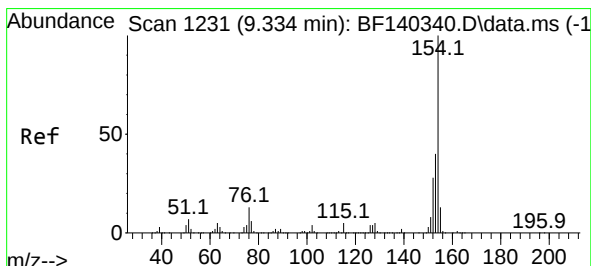
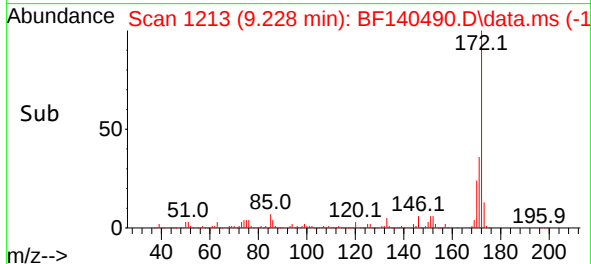
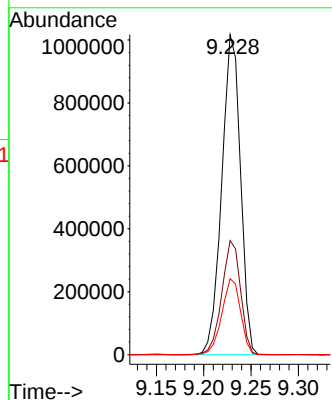
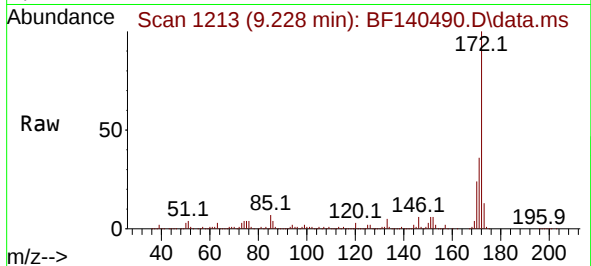




#45
2-Fluorobiphenyl
Concen: 84.477 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

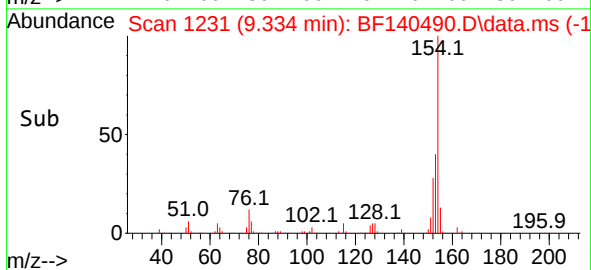
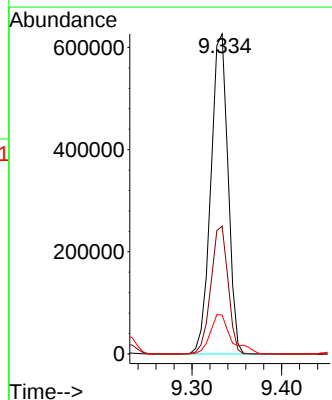
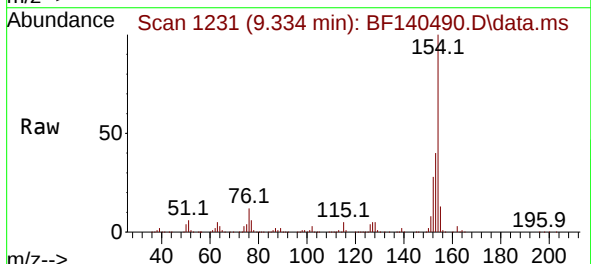
Instrument :
BNA_F
ClientSampleId :
PB165039BS

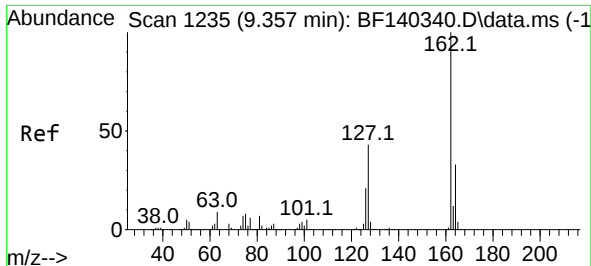
Tgt Ion:172 Resp: 1401959
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.839 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:154 Resp: 831455
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 12.2 0.0 32.9

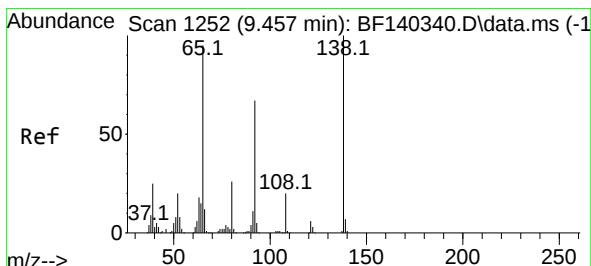
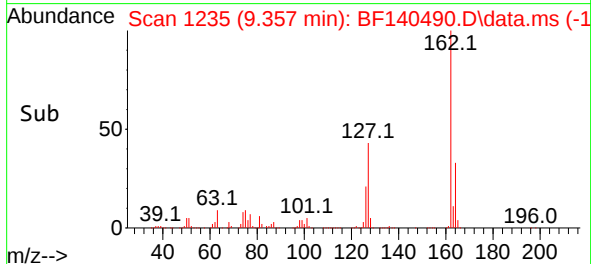
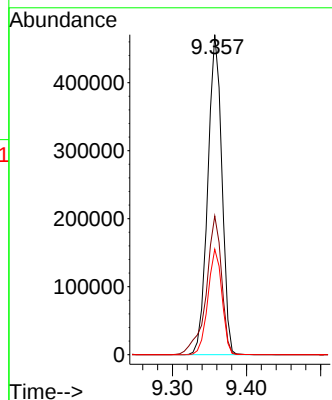
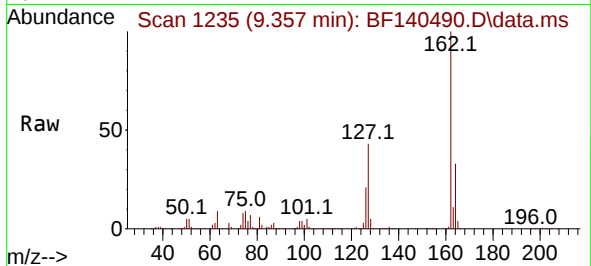




#47
2-Chloronaphthalene
Concen: 41.908 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

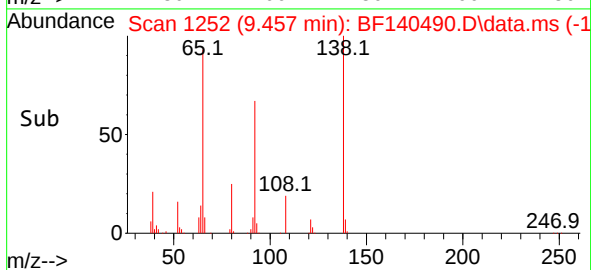
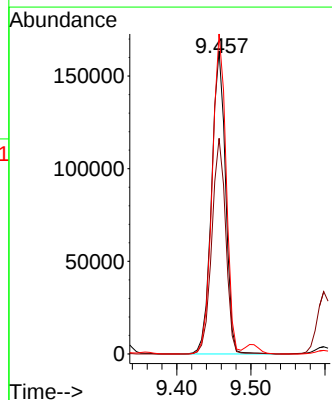
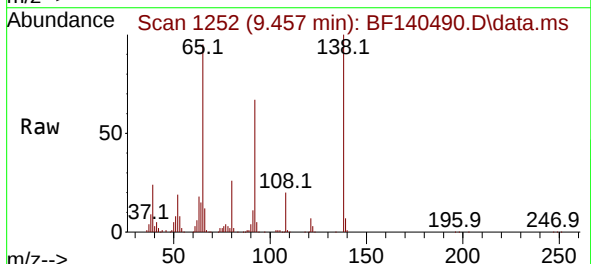
Instrument :
BNA_F
ClientSampleId :
PB165039BS

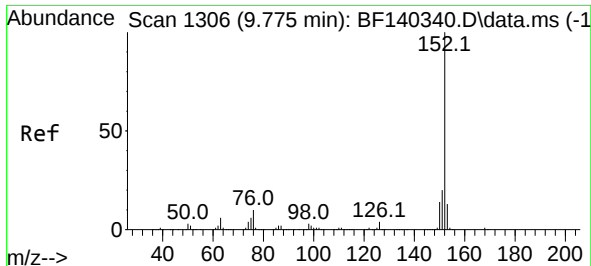
Tgt Ion:162 Resp: 619595
Ion Ratio Lower Upper
162 100
127 43.4 34.0 51.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 43.558 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 65 Resp: 213573
Ion Ratio Lower Upper
65 100
92 71.2 56.4 84.6
138 105.6 84.8 127.2

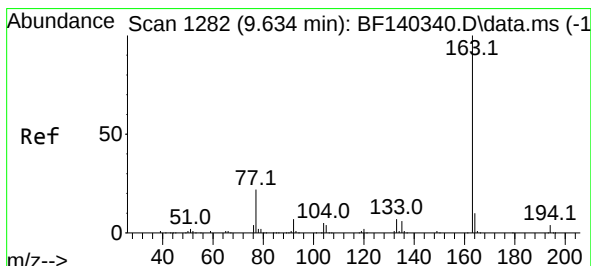
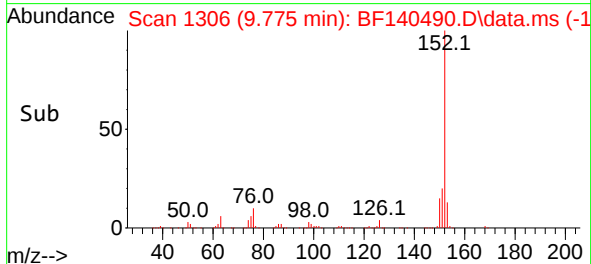
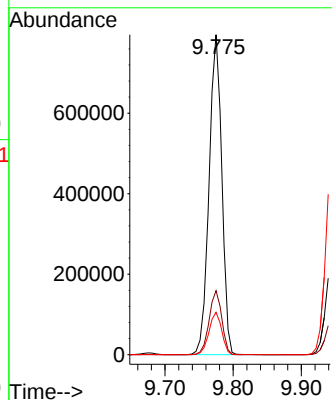
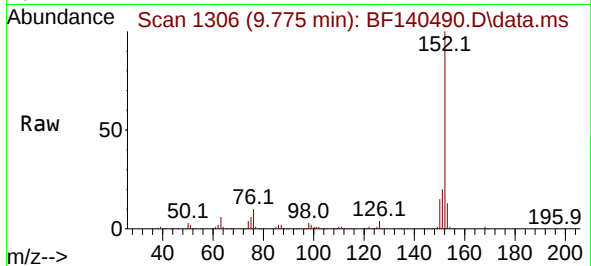




#49
Acenaphthylene
Concen: 46.164 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

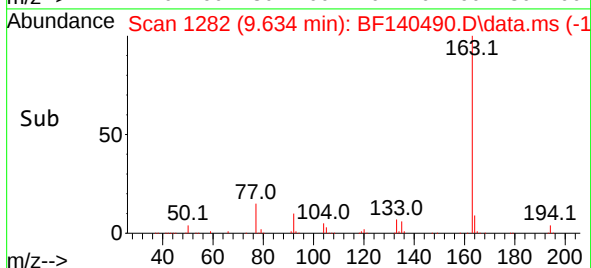
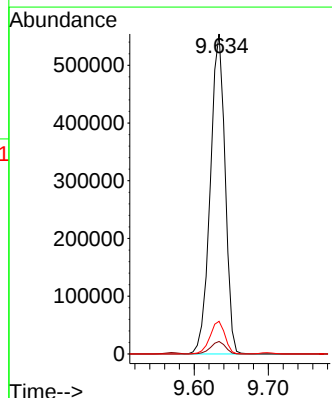
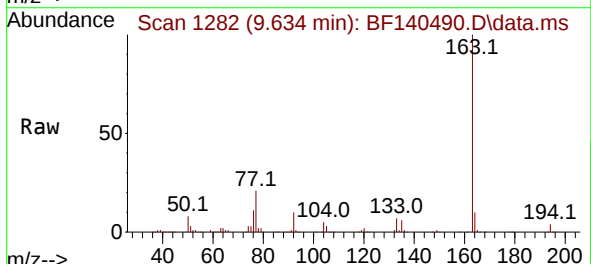
Instrument :
BNA_F
ClientSampleId :
PB165039BS

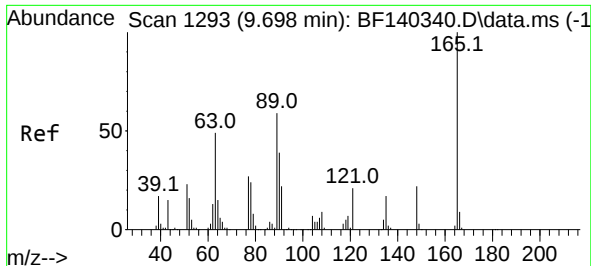
Tgt Ion:152 Resp: 1032642
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 44.131 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:163 Resp: 767413
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: 42.853 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

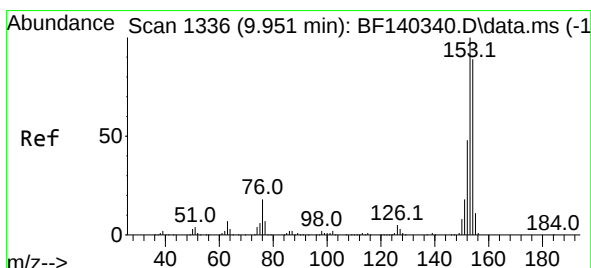
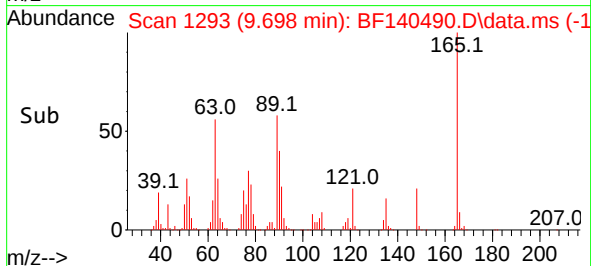
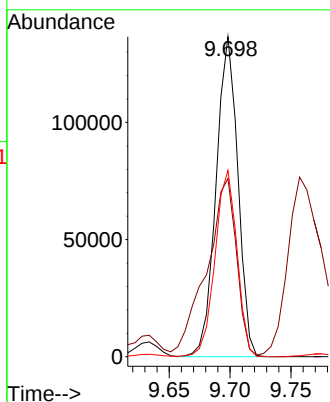
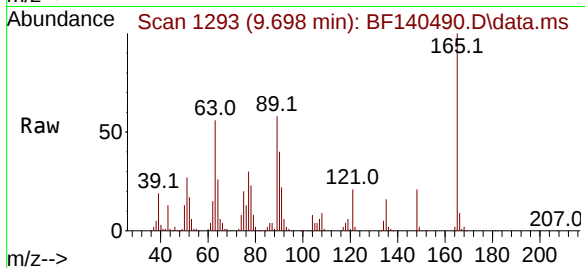
Tgt Ion:165 Resp: 169885

Ion Ratio Lower Upper

165 100

63 55.7 47.6 71.4

89 58.2 48.1 72.1



#52

Acenaphthene

Concen: 41.790 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

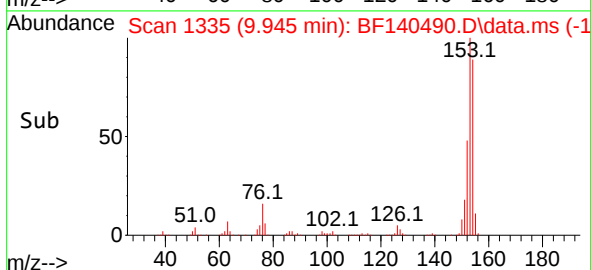
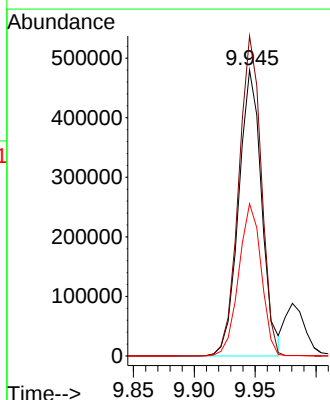
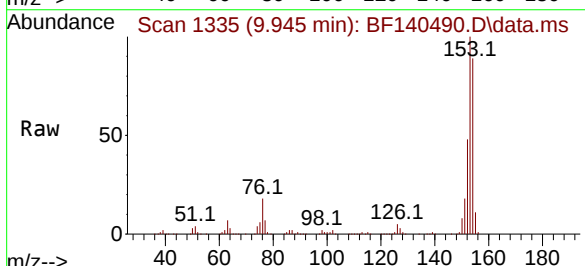
Tgt Ion:154 Resp: 631395

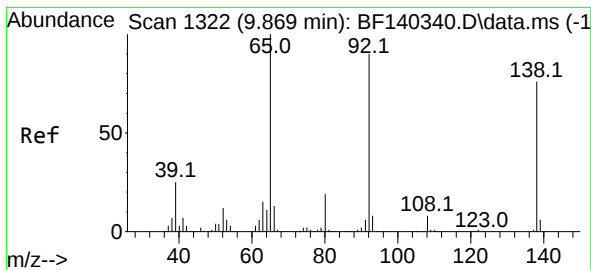
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 28.679 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

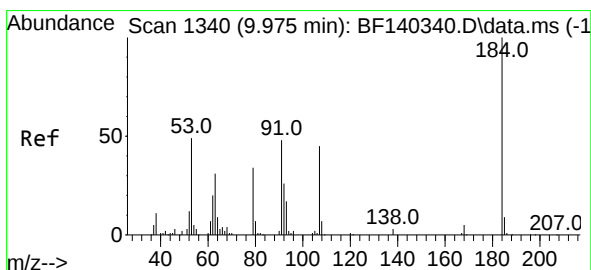
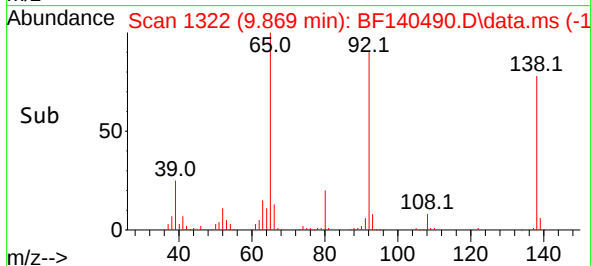
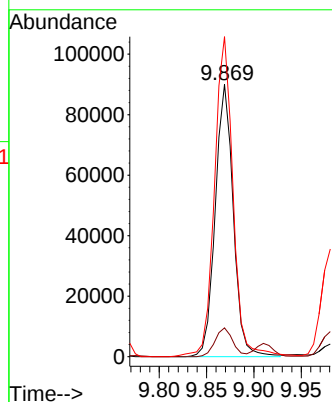
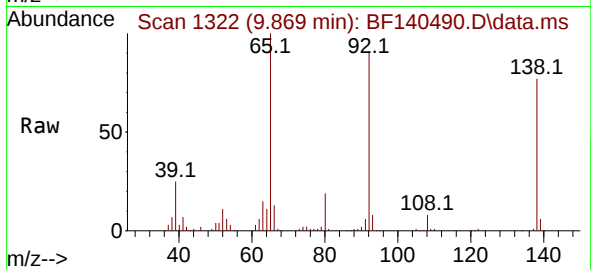
Tgt Ion:138 Resp: 119399

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

92 117.5 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 89.319 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

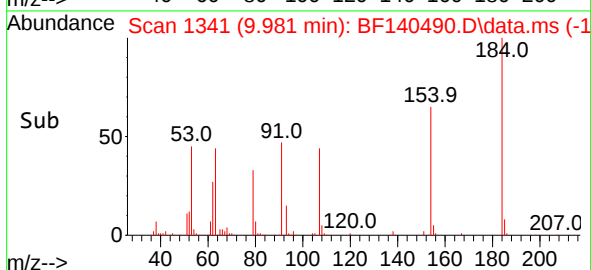
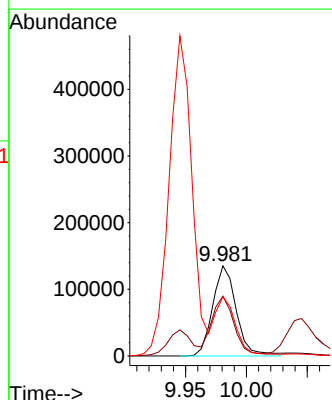
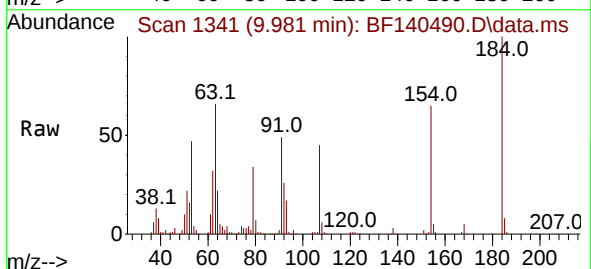
Tgt Ion:184 Resp: 182599

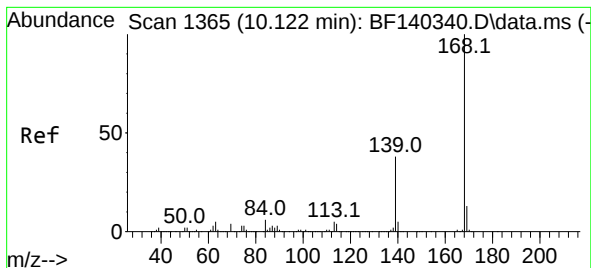
Ion Ratio Lower Upper

184 100

63 66.4 53.5 80.3

154 65.4 51.3 76.9





#55

Dibenzenofuran

Concen: 44.186 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

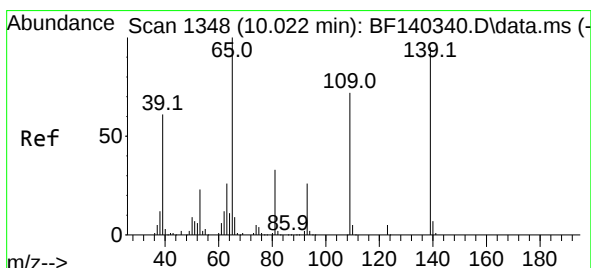
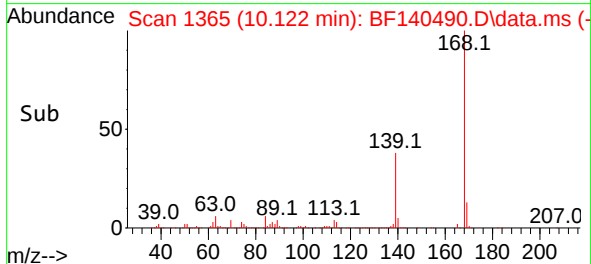
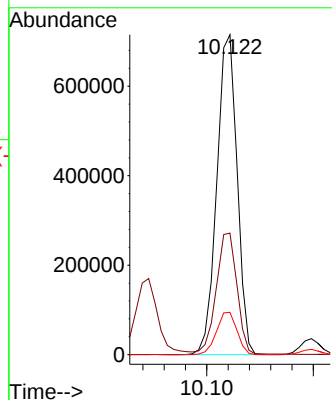
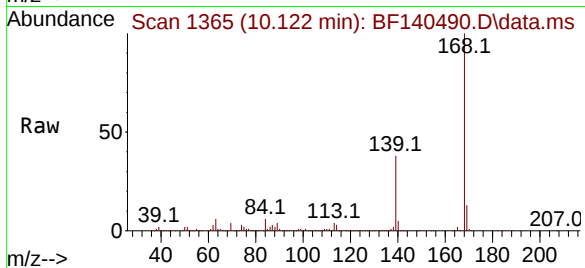
Tgt Ion:168 Resp: 945064

Ion Ratio Lower Upper

168 100

139 38.0 30.8 46.2

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 81.609 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.024 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

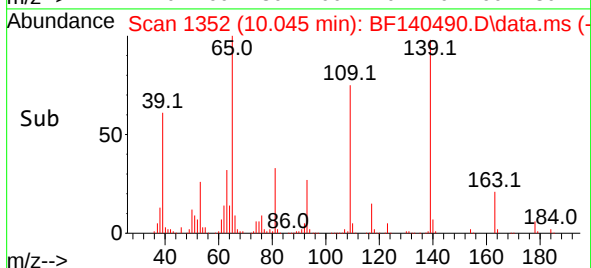
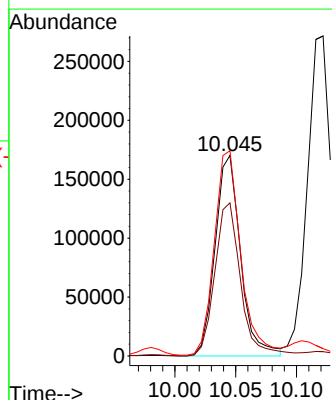
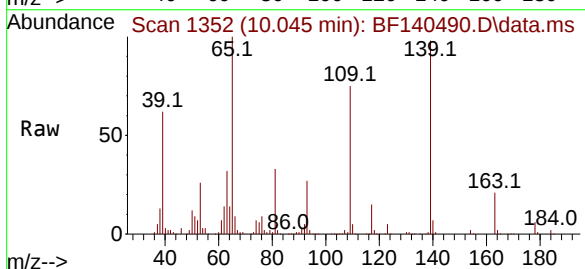
Tgt Ion:139 Resp: 247829

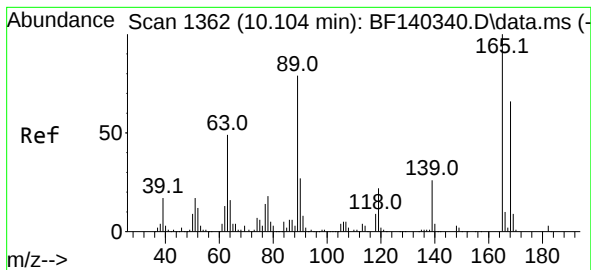
Ion Ratio Lower Upper

139 100

109 76.3 54.5 94.5

65 102.4 84.4 124.4

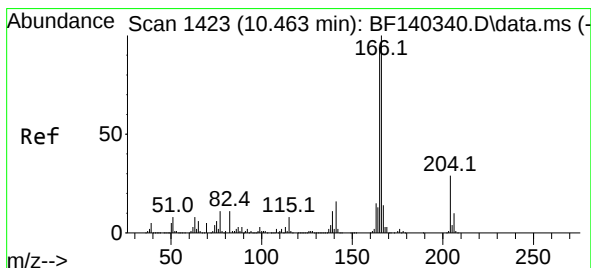
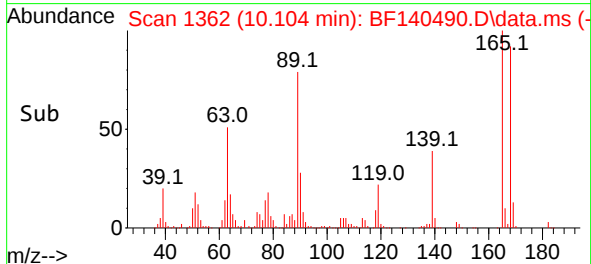
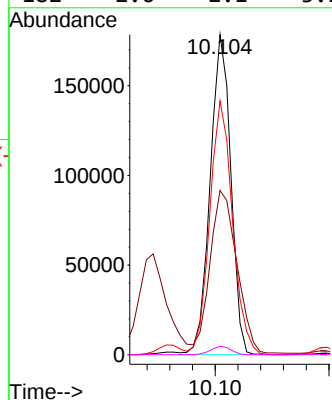
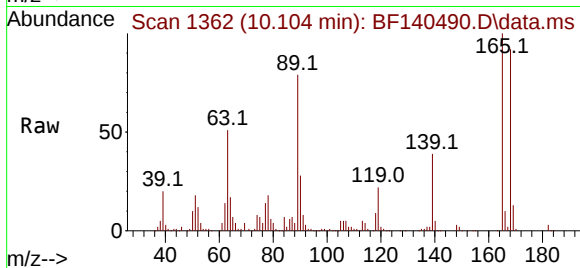




#57
2,4-Dinitrotoluene
Concen: 43.116 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

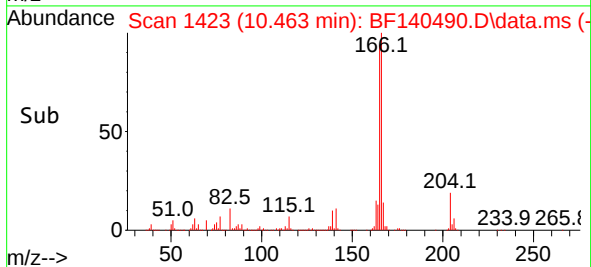
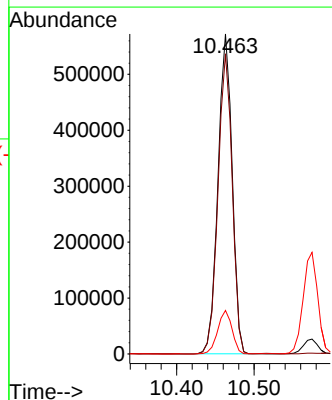
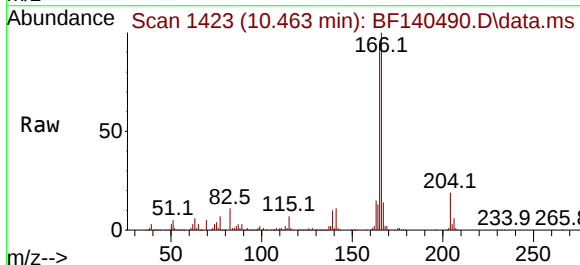
Instrument :
BNA_F
ClientSampleId :
PB165039BS

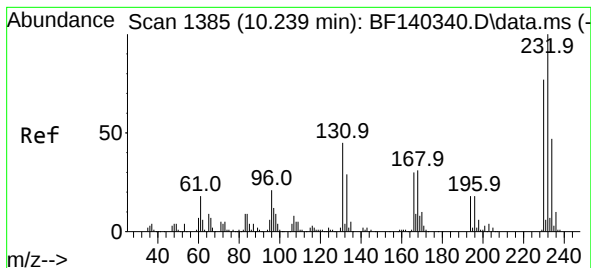
Tgt Ion:165 Resp: 224954
Ion Ratio Lower Upper
165 100
63 51.3 39.4 59.0
89 79.3 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 43.256 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:166 Resp: 730865
Ion Ratio Lower Upper
166 100
165 93.8 73.9 110.9
167 13.6 10.9 16.3

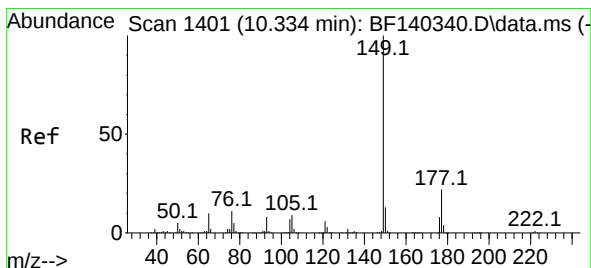
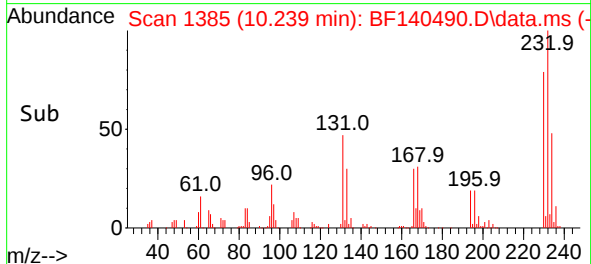
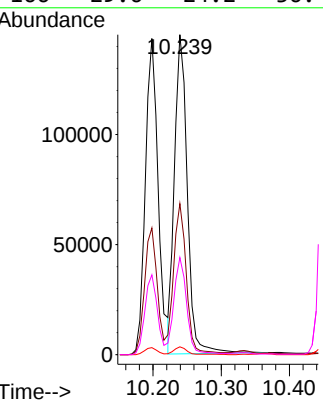
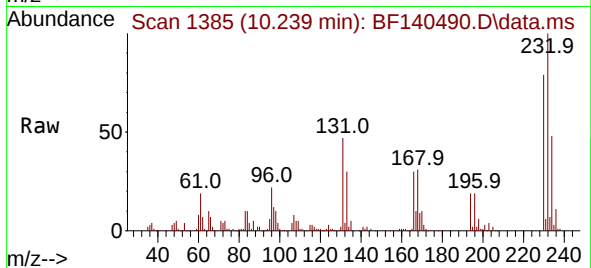




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.224 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

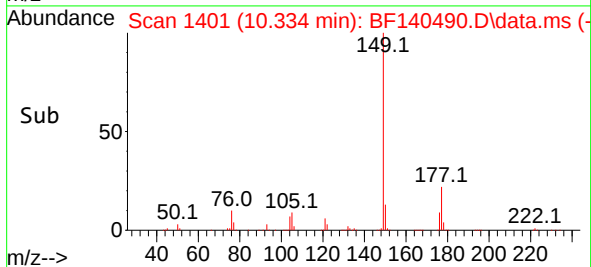
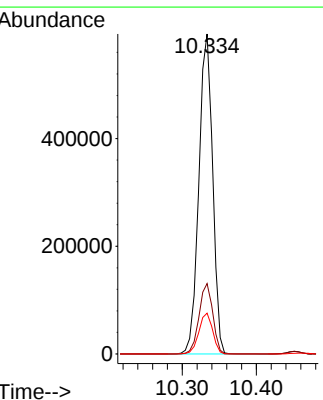
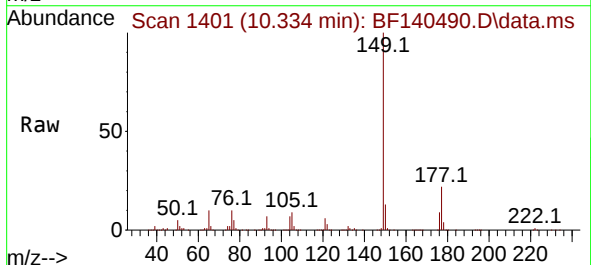
Instrument :
BNA_F
ClientSampleId :
PB165039BS

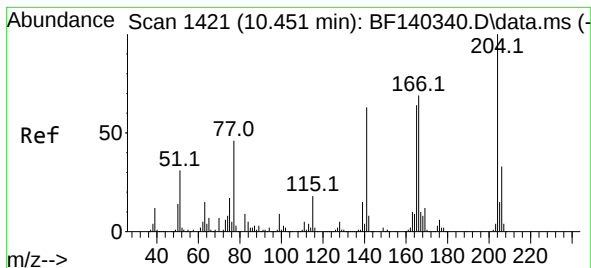
Tgt Ion:232 Resp: 189017
Ion Ratio Lower Upper
232 100
131 46.2 36.8 55.2
130 2.7 1.9 2.9
166 29.6 24.2 36.4



#60
Diethylphthalate
Concen: 43.105 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:149 Resp: 766473
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.8 10.1 15.1

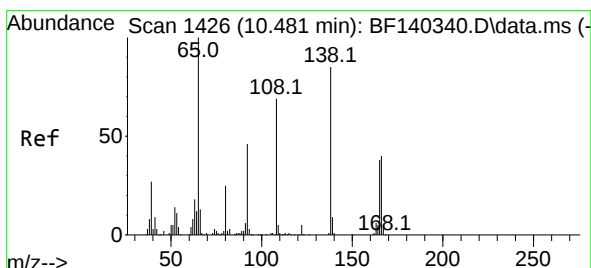
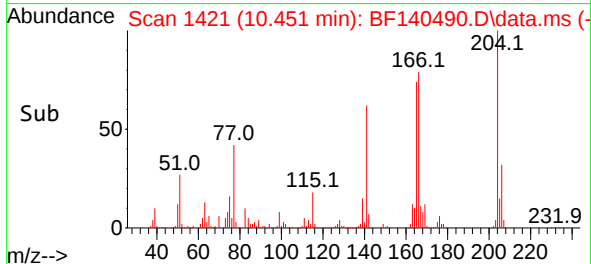
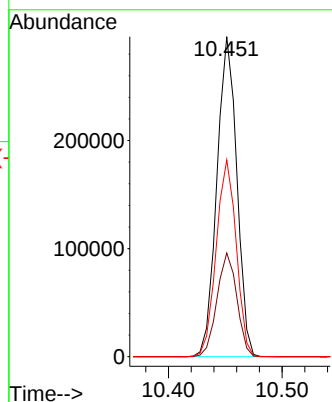
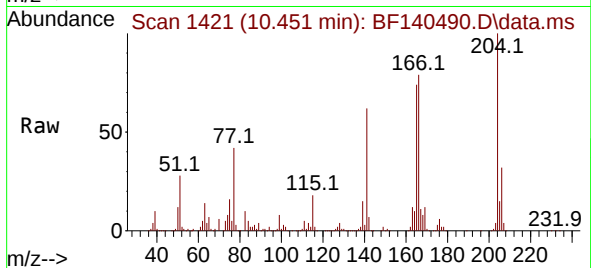




#61
4-Chlorophenyl-phenylether
Concen: 43.346 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

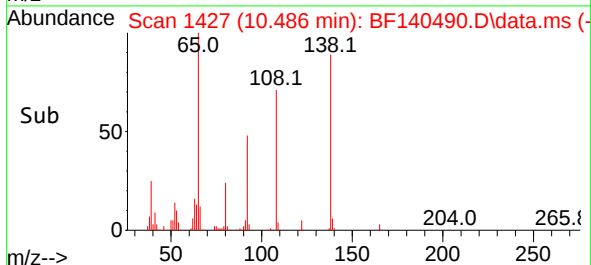
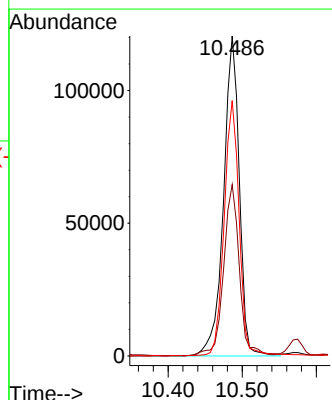
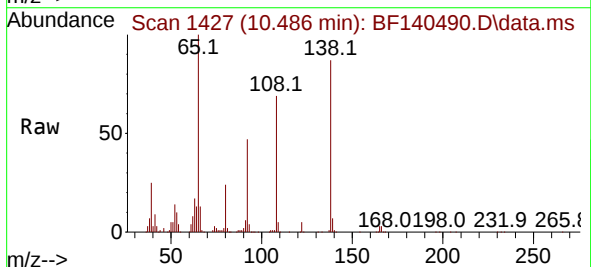
Instrument :
BNA_F
ClientSampleId :
PB165039BS

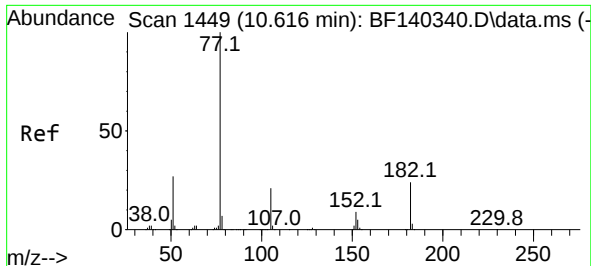
Tgt Ion:204 Resp: 361576
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 61.5 49.8 74.8



#62
4-Nitroaniline
Concen: 41.903 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:138 Resp: 178376
Ion Ratio Lower Upper
138 100
92 53.5 33.8 73.8
108 79.8 59.9 99.9

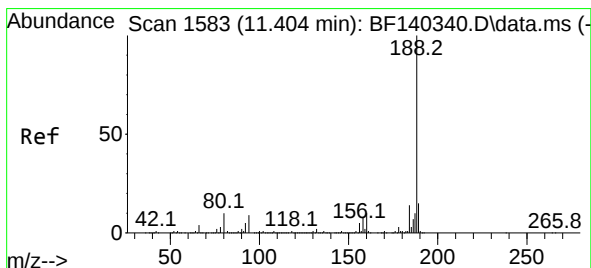
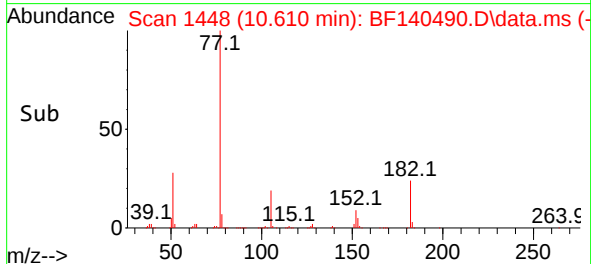
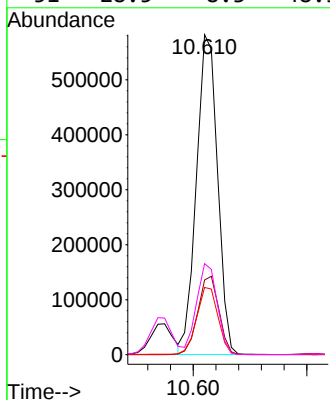
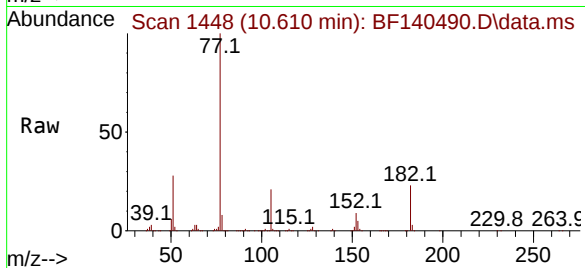




#63
Azobenzene
Concen: 42.842 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

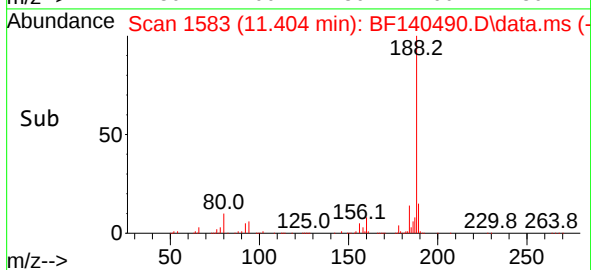
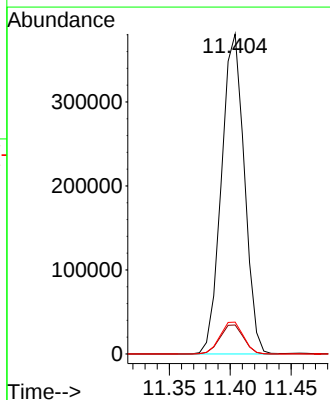
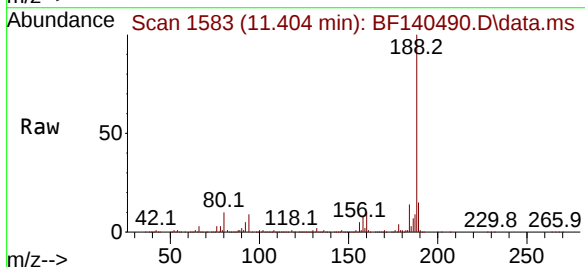
Instrument :
BNA_F
ClientSampleId :
PB165039BS

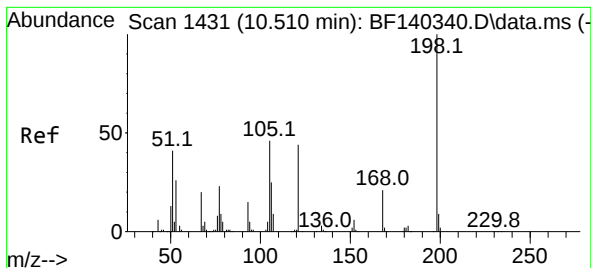
Tgt Ion:	77	Resp:	752699
Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.6	44.6
105	21.0	0.9	40.9
51	28.5	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:	188	Resp:	499057
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.9	8.0	12.0

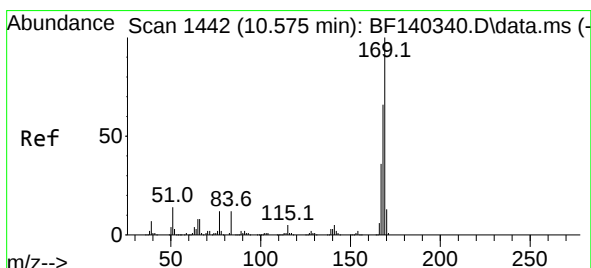
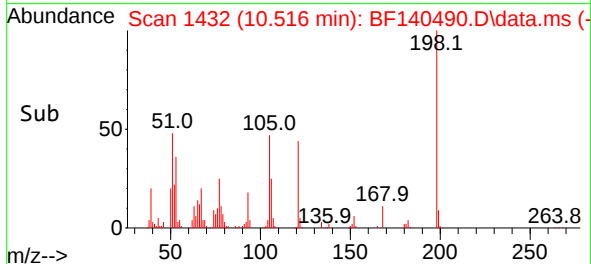
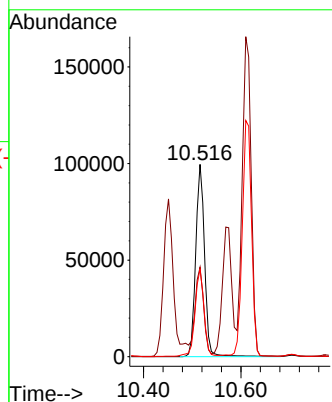
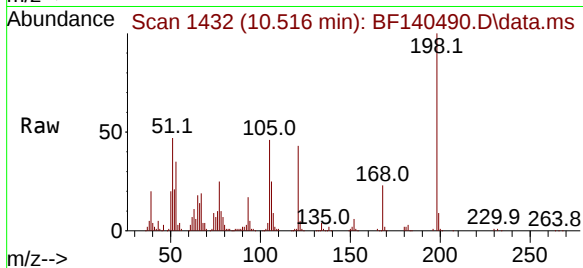




#65
4,6-Dinitro-2-methylphenol
Concen: 47.340 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

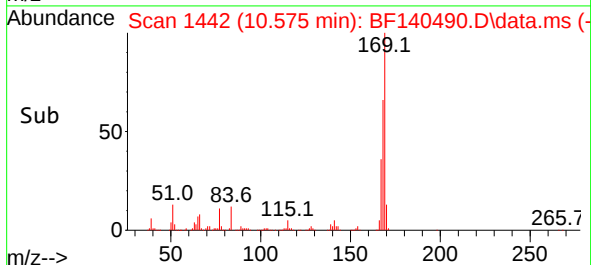
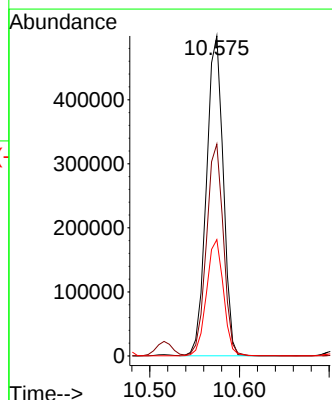
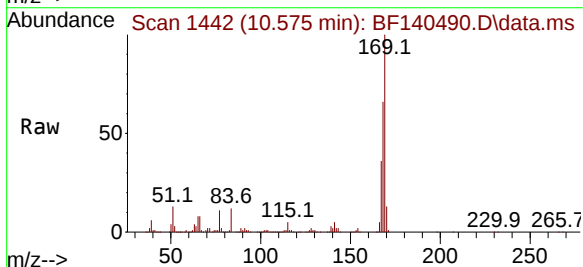
Instrument :
BNA_F
ClientSampleId :
PB165039BS

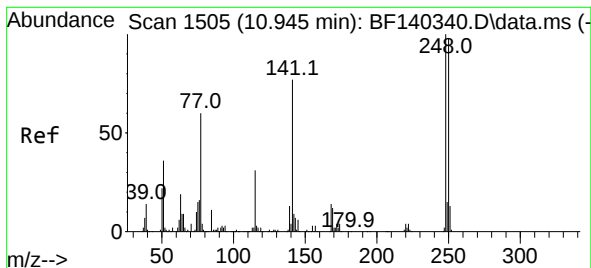
Tgt Ion:198 Resp: 127111
Ion Ratio Lower Upper
198 100
51 46.5 29.7 69.7
105 45.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.909 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:169 Resp: 647570
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.3 29.3 43.9

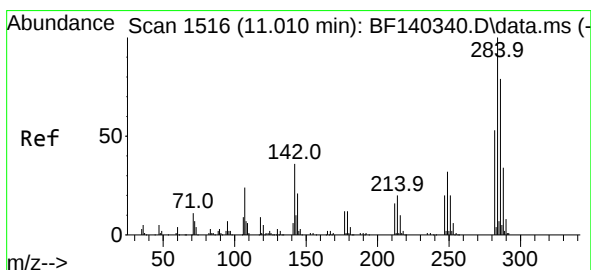
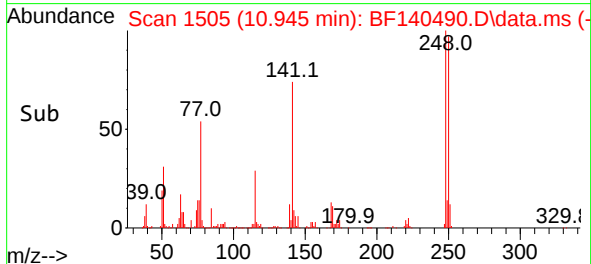
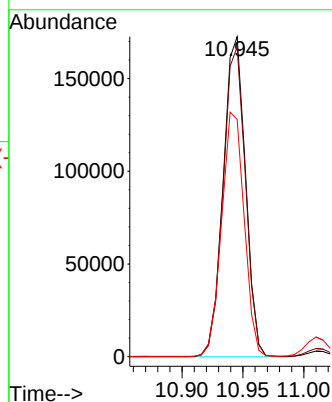
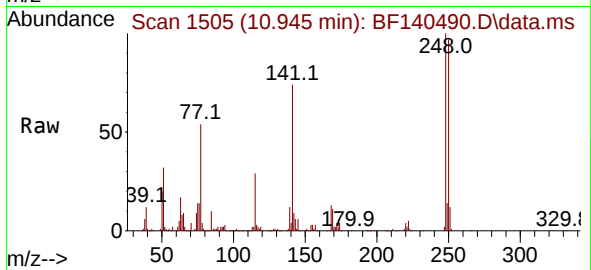




#67
4-Bromophenyl-phenylether
Concen: 44.072 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

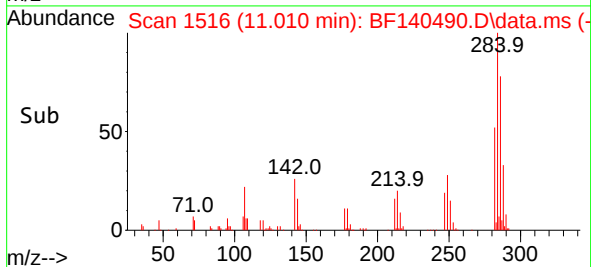
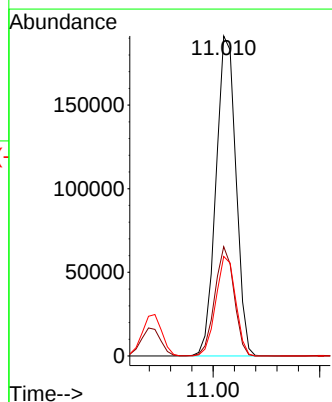
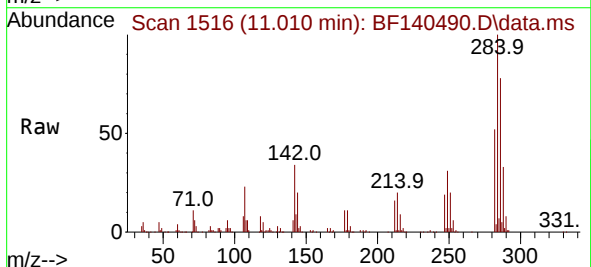
Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:248 Resp: 219858
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 74.2 61.8 92.6



#68
Hexachlorobenzene
Concen: 44.242 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:284 Resp: 248327
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.1 24.9 37.3





#69

Atrazine

Concen: 49.470 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

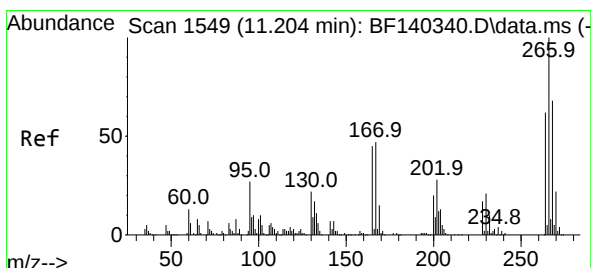
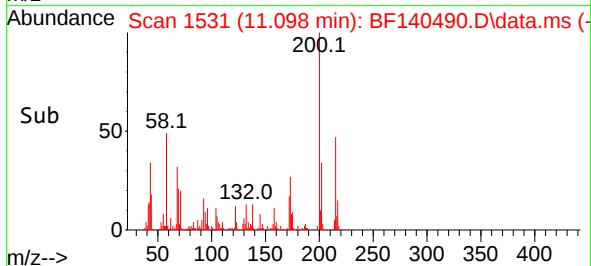
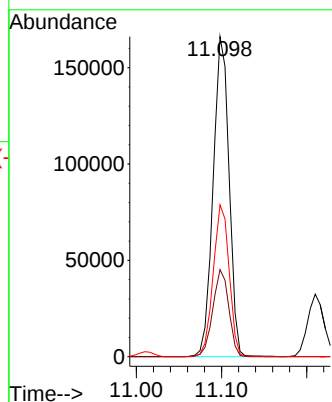
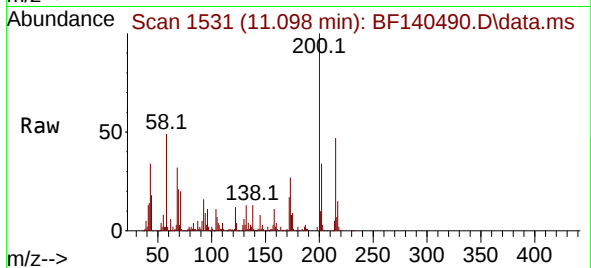
Tgt Ion:200 Resp: 215817

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

215 47.5 27.2 67.2



#70

Pentachlorophenol

Concen: 84.279 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

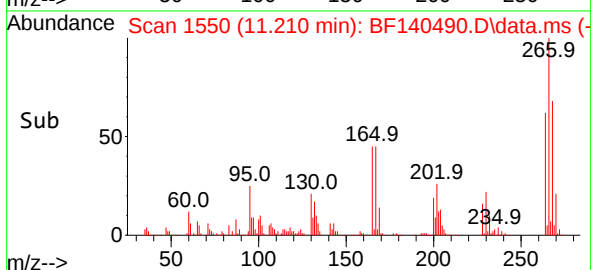
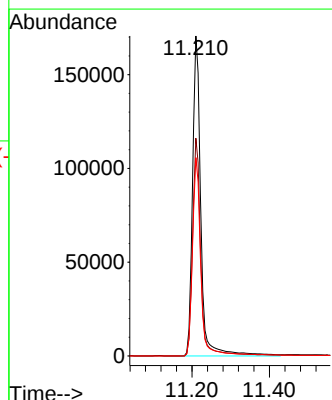
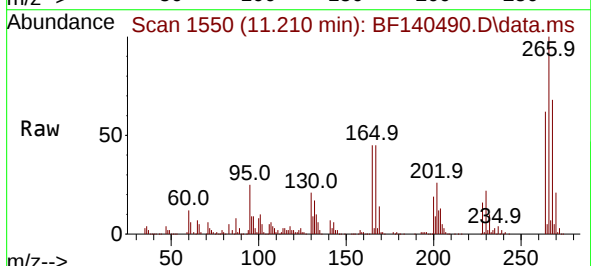
Tgt Ion:266 Resp: 254817

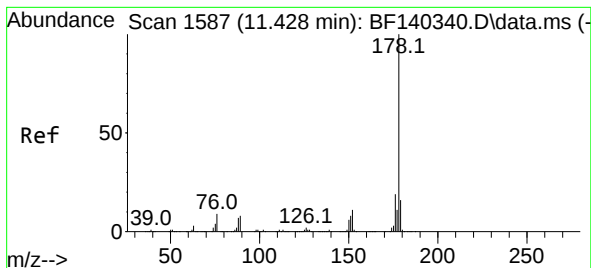
Ion Ratio Lower Upper

266 100

268 68.1 52.9 79.3

264 62.0 50.3 75.5





#71

Phenanthrene

Concen: 44.483 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

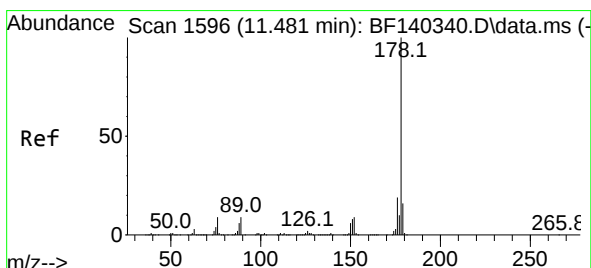
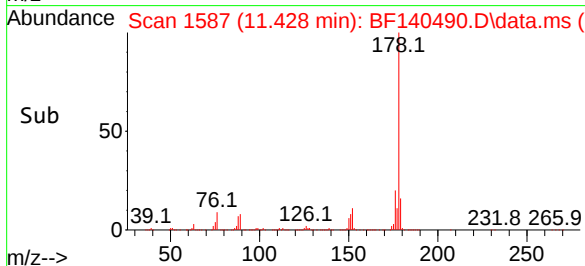
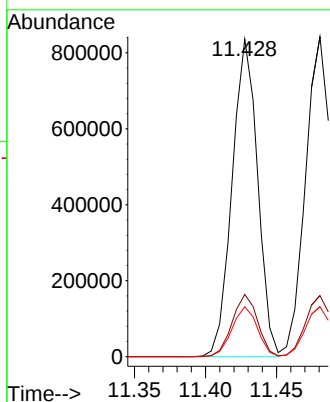
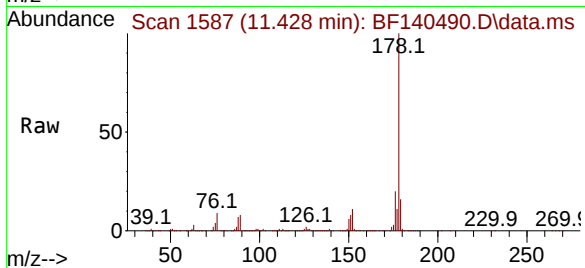
Tgt Ion:178 Resp: 1042842

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 46.884 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

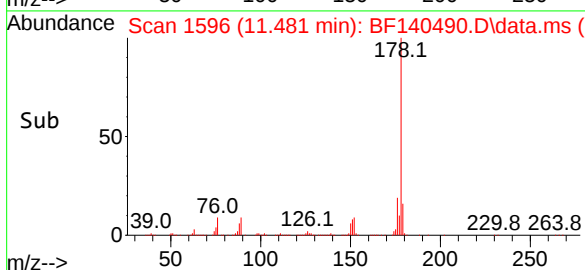
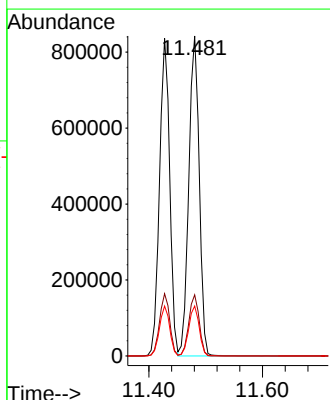
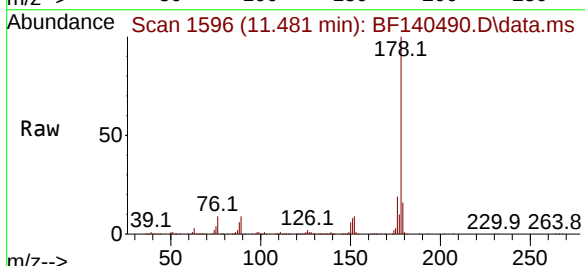
Tgt Ion:178 Resp: 1077211

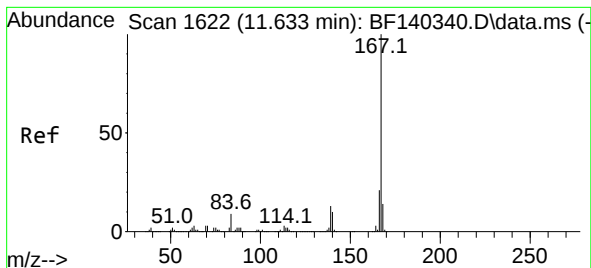
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 43.591 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

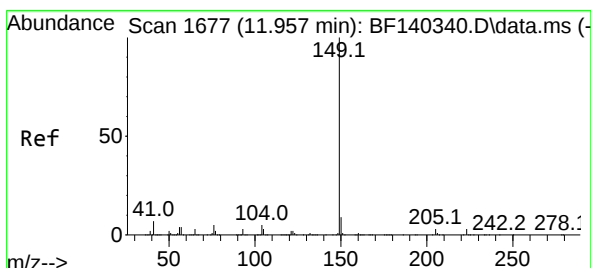
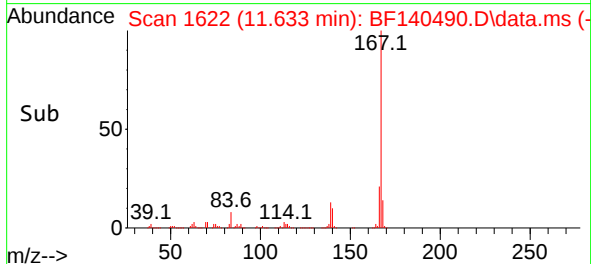
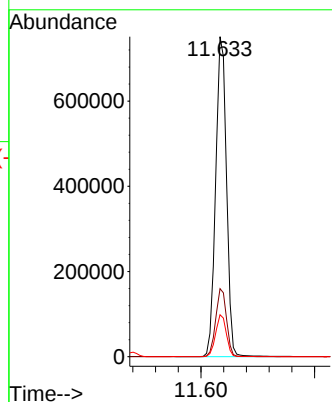
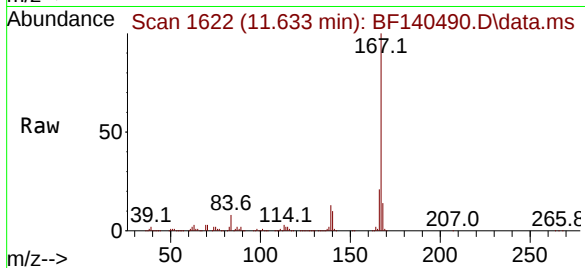
Tgt Ion:167 Resp: 988923

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 13.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 44.299 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

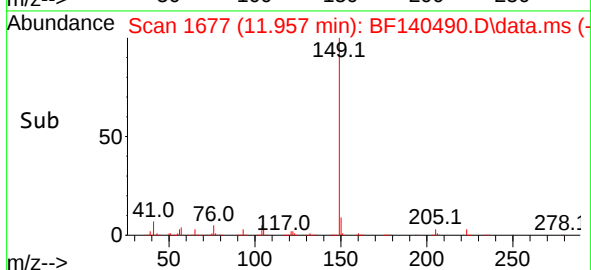
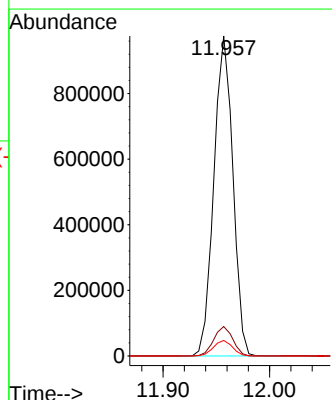
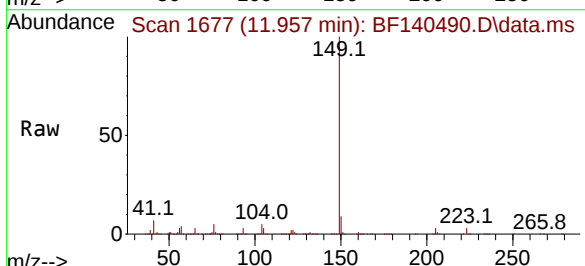
Tgt Ion:149 Resp: 1206217

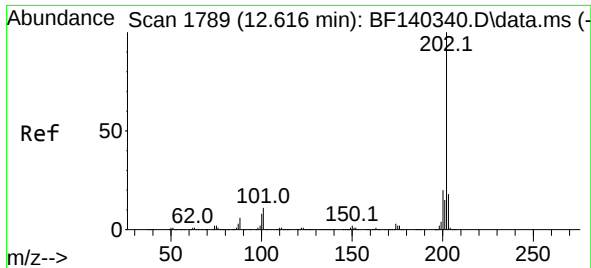
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.8 4.0 6.0

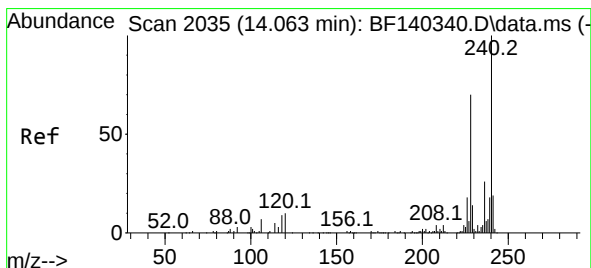
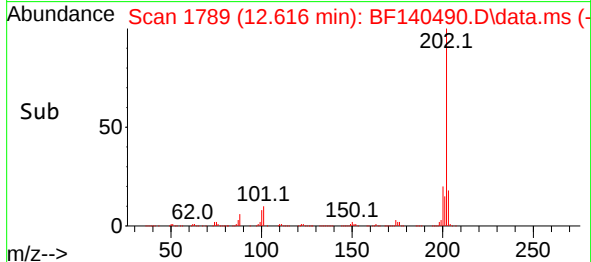
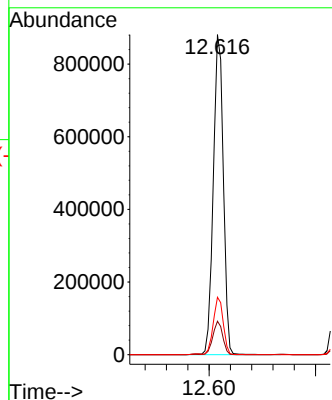
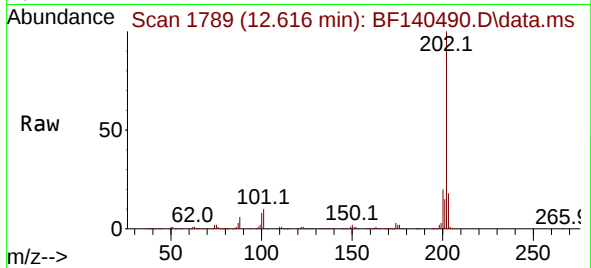




#75
Fluoranthene
Concen: 43.879 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

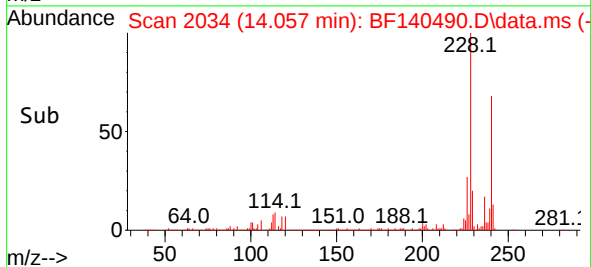
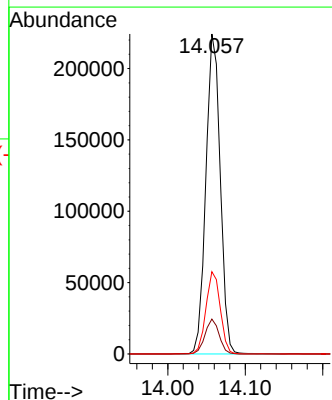
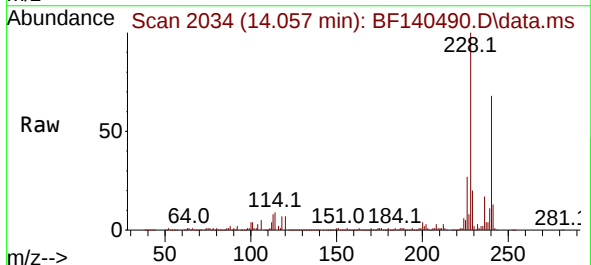
Instrument :
BNA_F
ClientSampleId :
PB165039BS

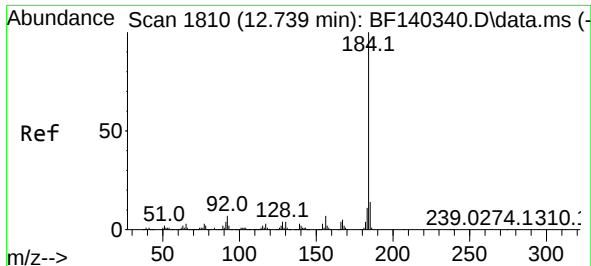
Tgt Ion:202 Resp: 1154082
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:240 Resp: 288313
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.7 20.9 31.3

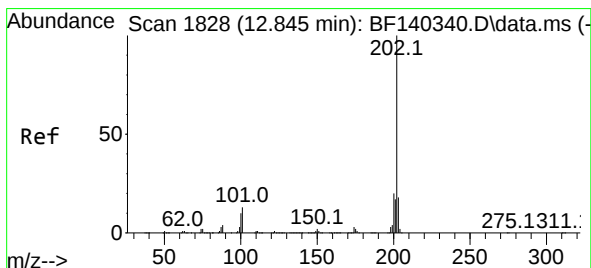
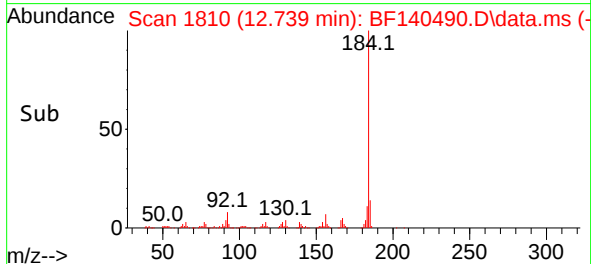
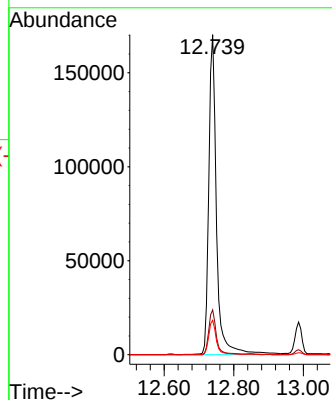
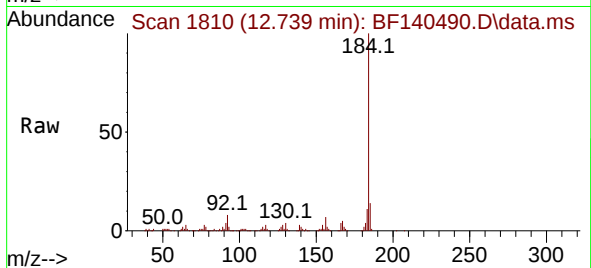




#77
Benzidine
Concen: 23.705 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

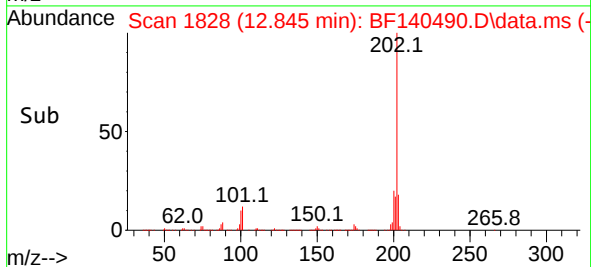
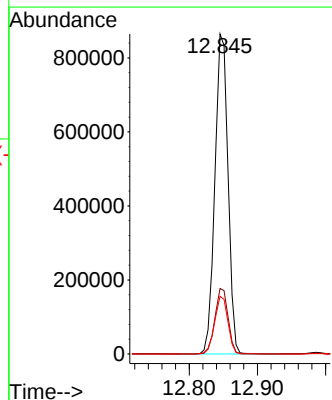
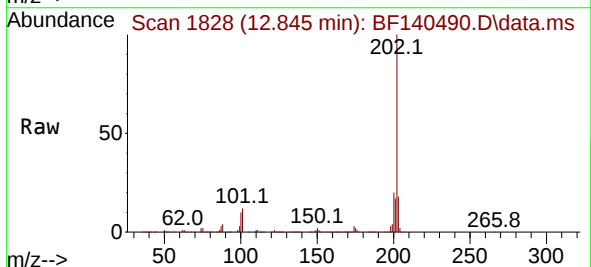
Instrument :
BNA_F
ClientSampleId :
PB165039BS

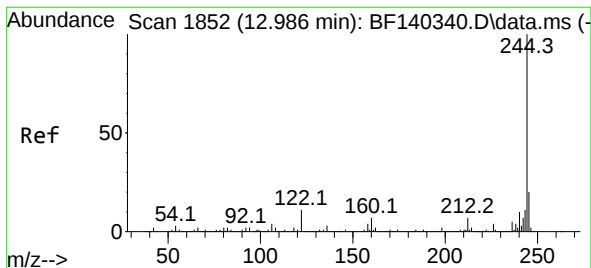
Tgt Ion:184 Resp: 262307
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 10.8 8.6 13.0



#78
Pyrene
Concen: 46.905 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:202 Resp: 1156753
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 94.762 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

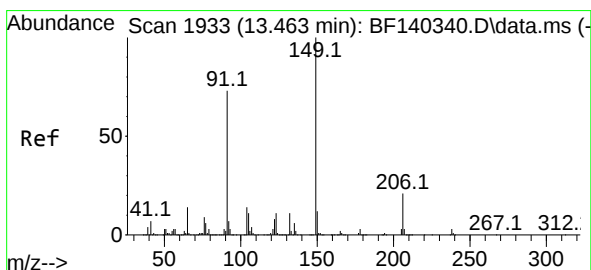
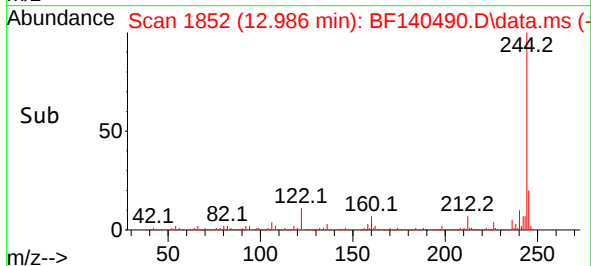
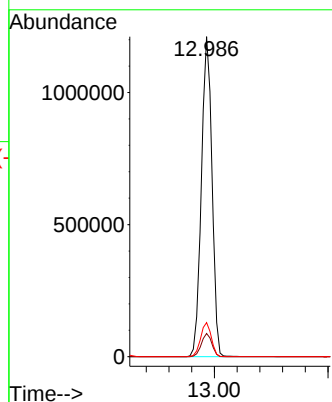
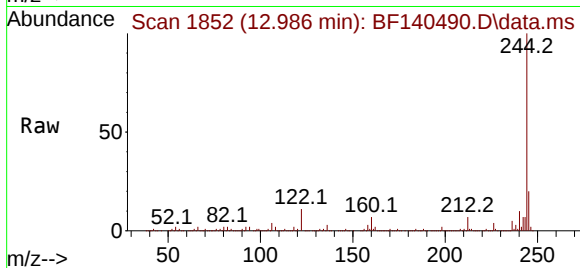
Tgt Ion:244 Resp: 1573985

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.322 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

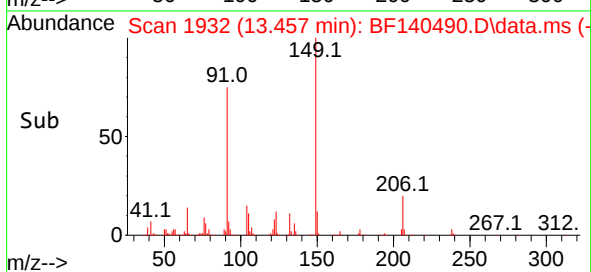
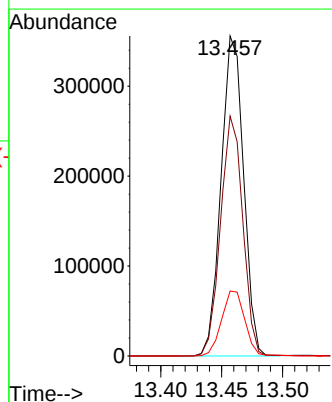
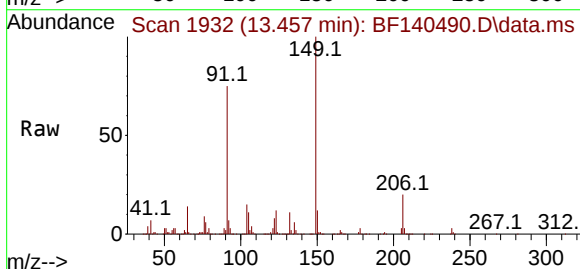
Tgt Ion:149 Resp: 457787

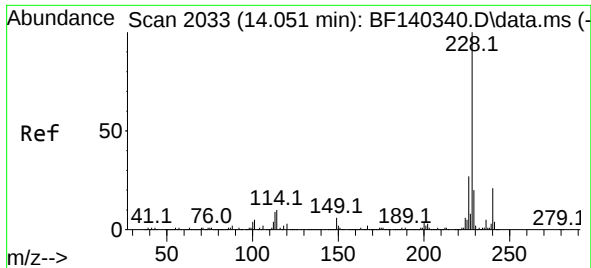
Ion Ratio Lower Upper

149 100

91 75.0 61.0 91.4

206 20.3 16.1 24.1

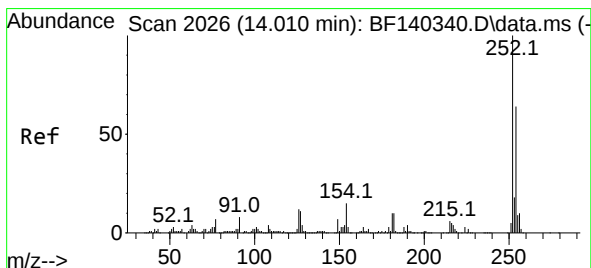
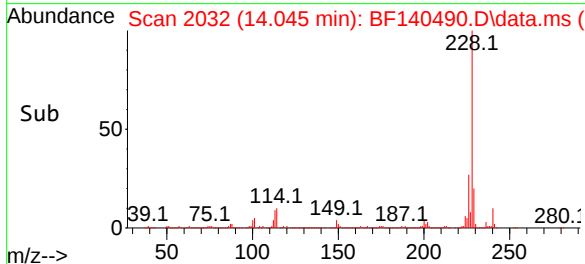
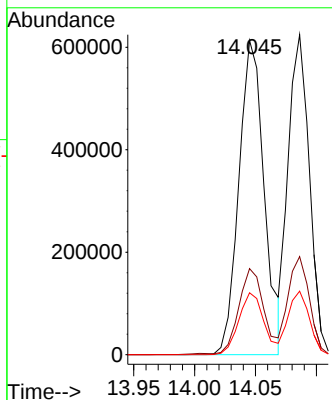
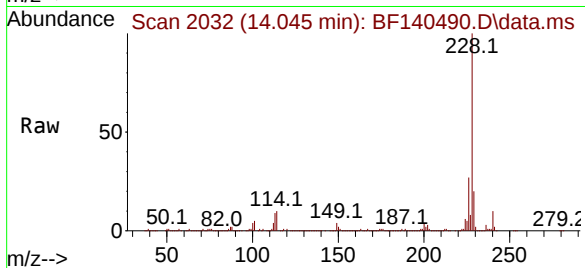




#81
Benzo(a)anthracene
Concen: 46.861 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

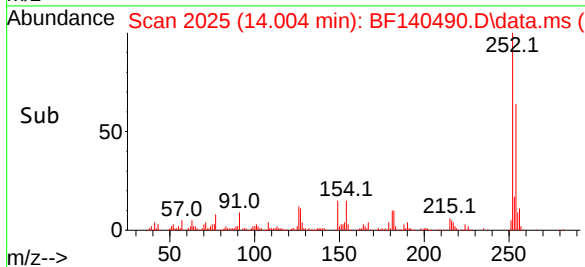
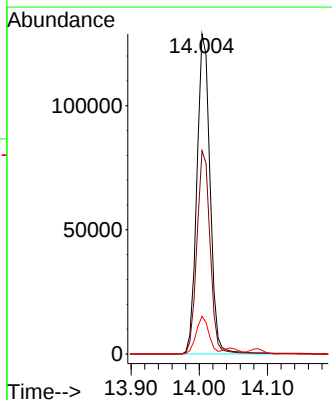
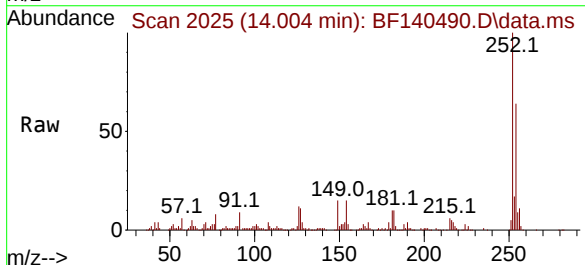
Instrument :
BNA_F
ClientSampleId :
PB165039BS

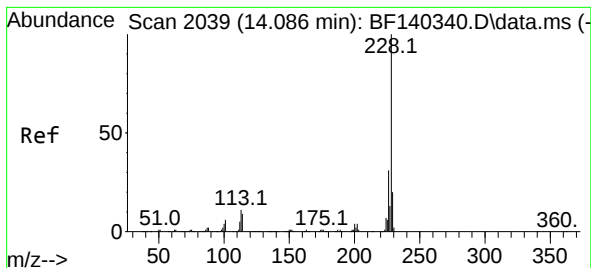
Tgt Ion:228 Resp: 887946
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.745 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:252 Resp: 173127
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 11.8 9.4 14.0





#83

Chrysene

Concen: 43.906 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

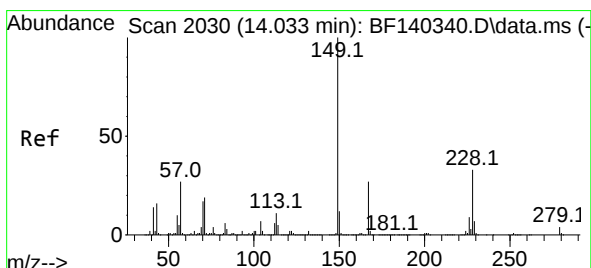
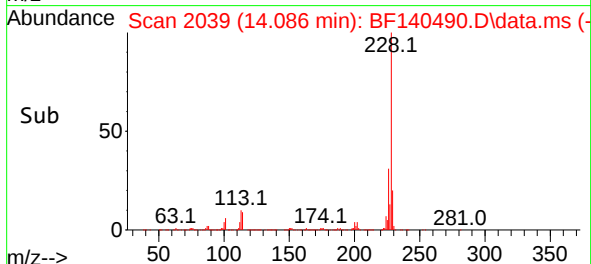
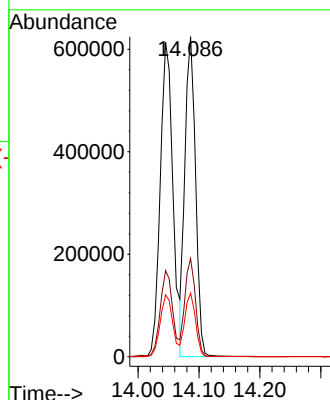
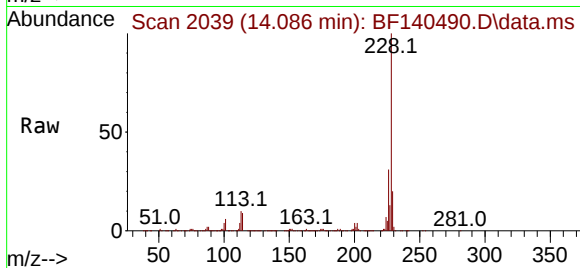
Tgt Ion:228 Resp: 759099

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.964 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

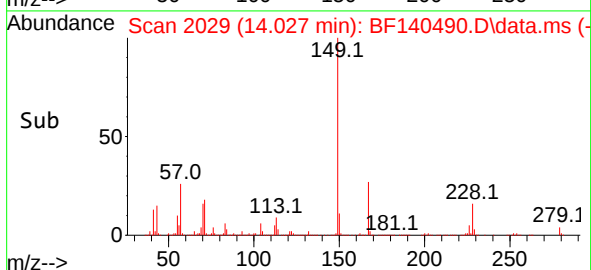
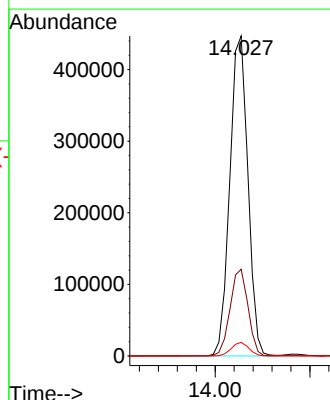
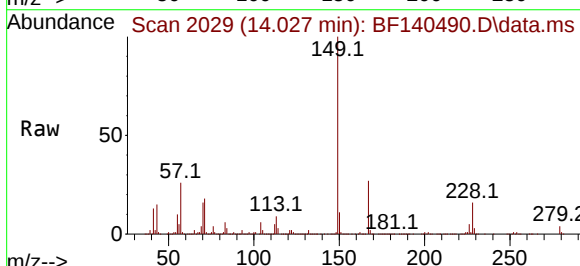
Tgt Ion:149 Resp: 593875

Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.567 ng

RT: 14.663 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

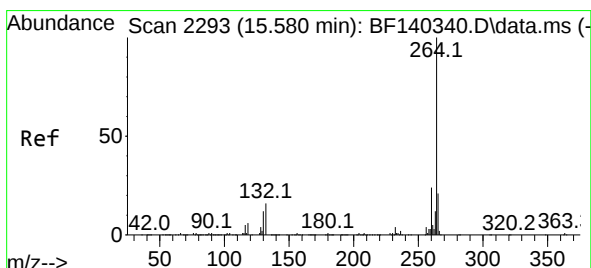
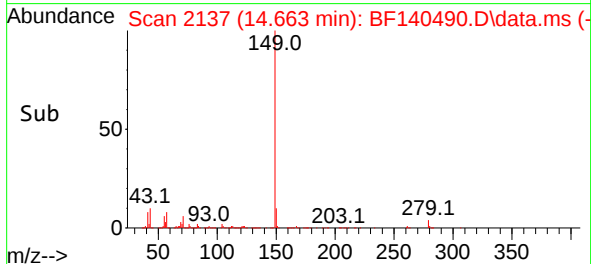
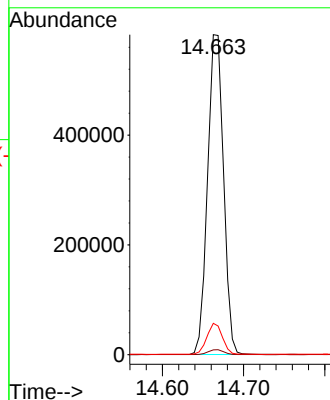
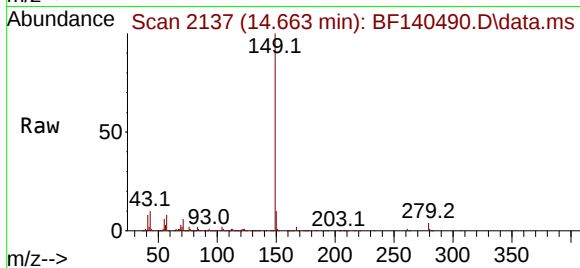
Tgt Ion:149 Resp: 793712

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

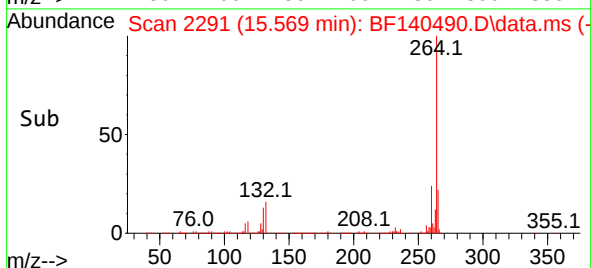
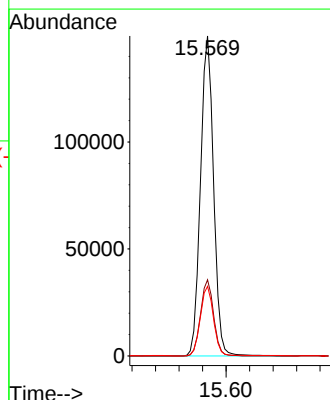
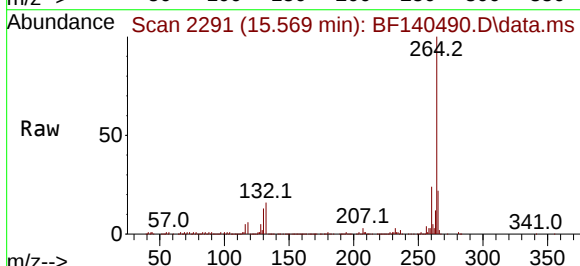
Tgt Ion:264 Resp: 231323

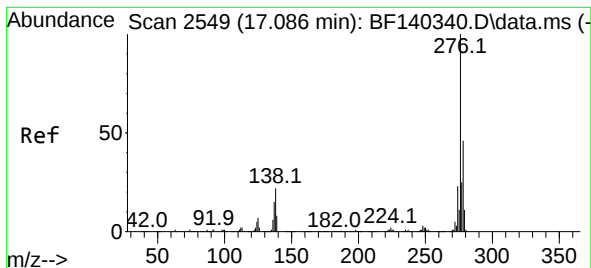
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.479 ng

RT: 17.086 min Scan# 2116

Delta R.T. 0.029 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

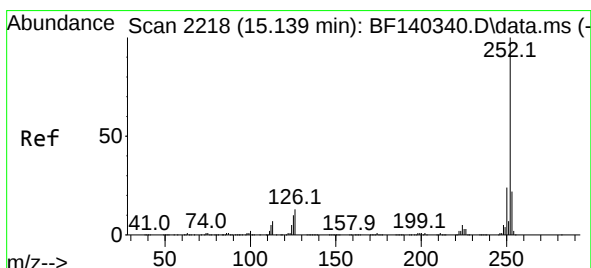
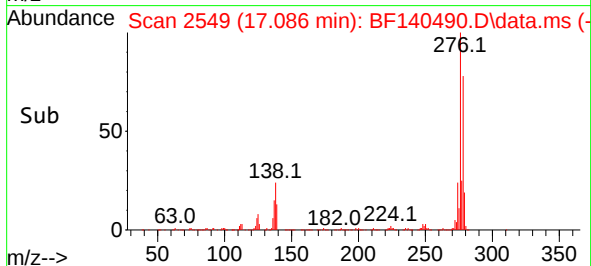
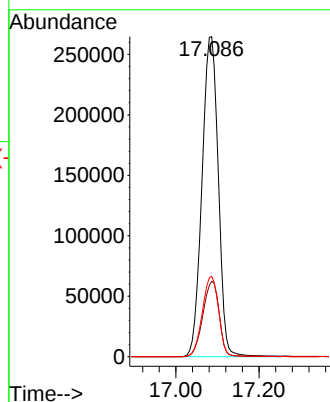
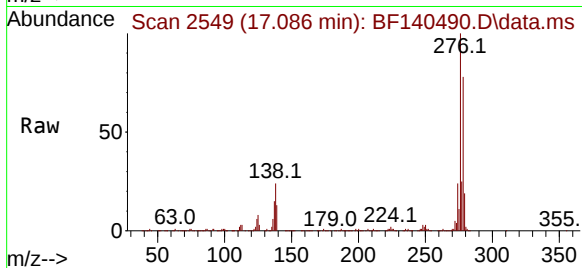
Tgt Ion:276 Resp: 721322

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.587 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

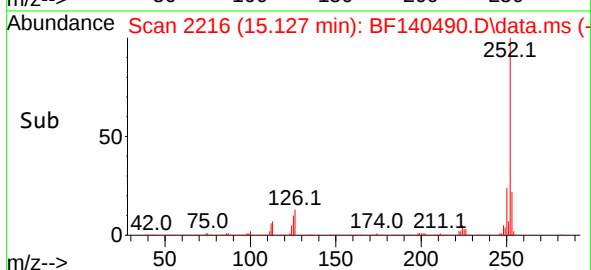
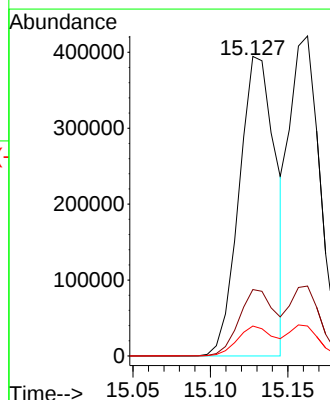
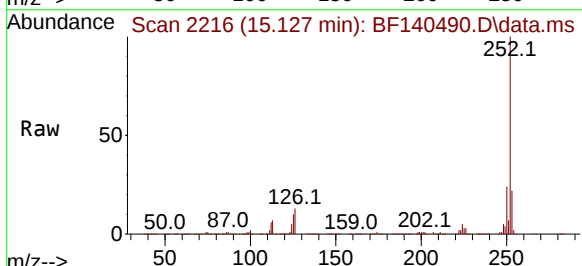
Tgt Ion:252 Resp: 644433

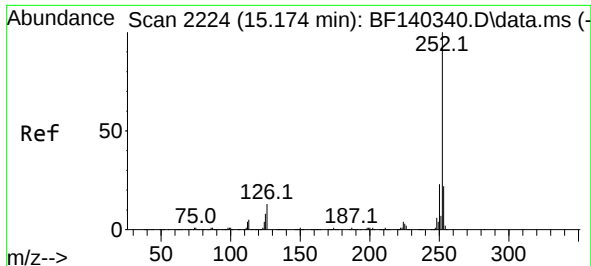
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.0 12.0

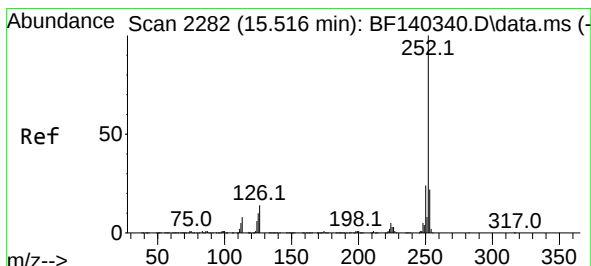
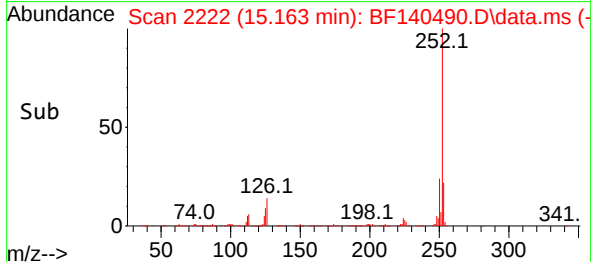
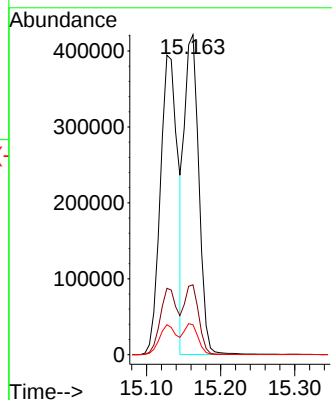
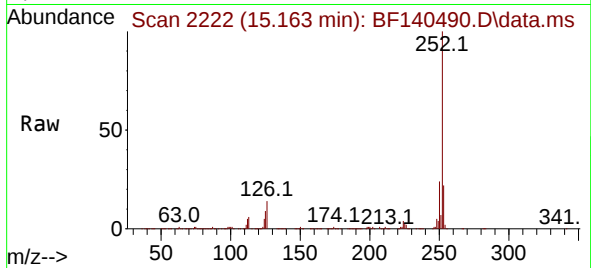




#89
Benzo(k)fluoranthene
Concen: 46.235 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

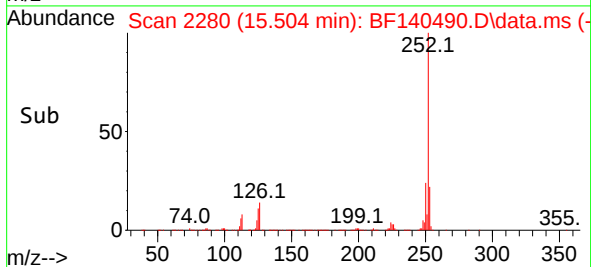
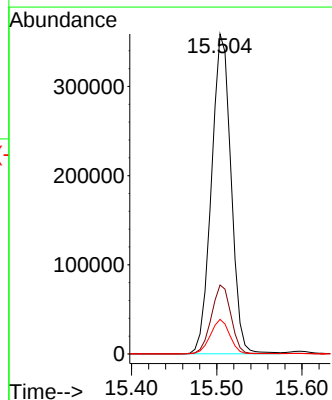
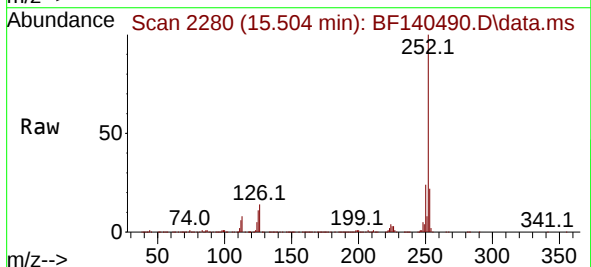
Instrument :
BNA_F
ClientSampleId :
PB165039BS

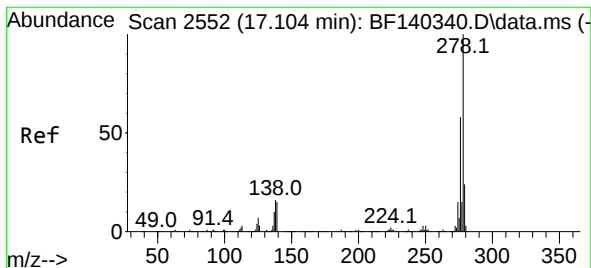
Tgt Ion:252 Resp: 571544
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 48.818 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:252 Resp: 573657
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.8 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.083 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

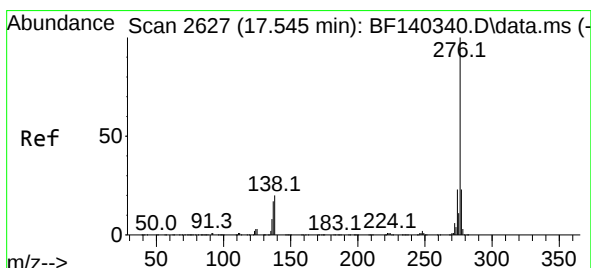
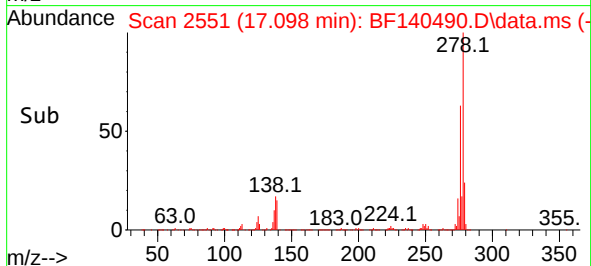
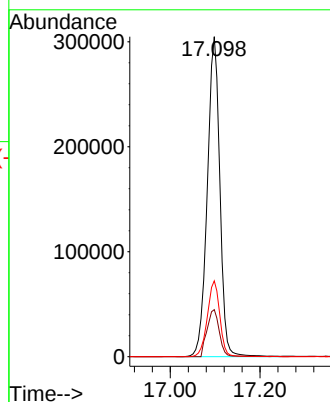
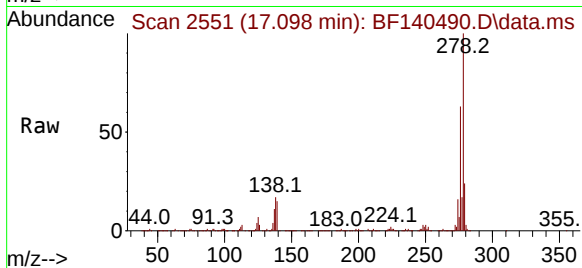
Tgt Ion:278 Resp: 591563

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.417 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.024 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:276 Resp: 560505

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 20.6 16.0 24.0

