

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140826.D
 Acq On : 11 Dec 2024 13:50
 Operator : RC/JU
 Sample : PB165479BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

Quant Time: Dec 11 15:19:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	64155	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	247154	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	137749	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	286980	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	186089	20.000	ng	0.00
86) Perylene-d12	15.545	264	130608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	364436	96.922	ng	0.01
7) Phenol-d6	6.516	99	469388	94.427	ng	0.00
23) Nitrobenzene-d5	7.428	82	444588	92.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	162117	110.041	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	916110	99.090	ng	-0.02
79) Terphenyl-d14	12.980	244	1190614	99.627	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	63880	40.407	ng	99
3) Pyridine	3.516	79	147173	42.311	ng	100
4) n-Nitrosodimethylamine	3.451	42	92320	45.158	ng	100
6) Aniline	6.528	93	160995	46.014	ng	# 53
8) 2-Chlorophenol	6.657	128	205091	50.699	ng	94
10) Phenol	6.528	94	252956	49.828	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	184766	47.562	ng	99
12) 1,3-Dichlorobenzene	6.798	146	213250	46.915	ng	99
13) 1,4-Dichlorobenzene	6.875	146	217924	47.349	ng	100
14) 1,2-Dichlorobenzene	7.028	146	206575	47.899	ng	99
15) Benzyl Alcohol	7.016	79	185948	50.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	219093	47.739	ng	# 55
17) 2-Methylphenol	7.128	107	161007	49.721	ng	93
18) Hexachloroethane	7.369	117	82303	47.879	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	147321	50.147	ng	96
20) 3+4-Methylphenols	7.281	107	210706	50.624	ng	94
22) Acetophenone	7.275	105	286061	47.475	ng	96
24) Nitrobenzene	7.445	77	220685	44.191	ng	99
25) Isophorone	7.692	82	399424	49.561	ng	99
26) 2-Nitrophenol	7.763	139	108761	49.144	ng	100
27) 2,4-Dimethylphenol	7.804	122	180147	68.034	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	234365	47.735	ng	99
29) 2,4-Dichlorophenol	8.016	162	173205	49.365	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	185720	46.359	ng	100
31) Naphthalene	8.163	128	594536	46.701	ng	99
32) Benzoic acid	7.963	122	125225	53.394	ng	99
33) 4-Chloroaniline	8.222	127	130629	34.271	ng	98
34) Hexachlorobutadiene	8.275	225	125381	47.252	ng	99
35) Caprolactam	8.610	113	29183	26.876	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	195130	49.671	ng	100
37) 2-Methylnaphthalene	8.857	142	392497	48.541	ng	100
38) 1-Methylnaphthalene	8.957	142	368877	46.541	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	199620	49.501	ng	99
41) Hexachlorocyclopentadiene	9.004	237	94732	102.276	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	127358	50.331	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	131765	47.980	ng	97

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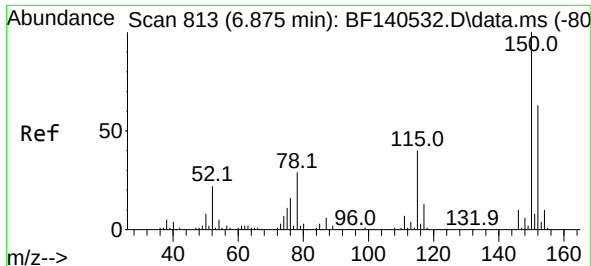
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	497780	48.401	ng	100
47) 2-Chloronaphthalene	9.345	162	376909	48.367	ng	99
48) 2-Nitroaniline	9.451	65	125300	50.093	ng	99
49) Acenaphthylene	9.763	152	597448	50.742	ng	99
50) Dimethylphthalate	9.622	163	469434	51.745	ng	100
51) 2,6-Dinitrotoluene	9.692	165	103889	50.493	ng	98
52) Acenaphthene	9.933	154	369158	49.344	ng	100
53) 3-Nitroaniline	9.869	138	76783	38.156	ng	97
54) 2,4-Dinitrophenol	9.986	184	116534	106.490	ng	97
55) Dibenzofuran	10.110	168	571627	50.093	ng	99
56) 4-Nitrophenol	10.057	139	127790	93.114	ng	99
57) 2,4-Dinitrotoluene	10.104	165	141990	51.926	ng	# 91
58) Fluorene	10.451	166	473633	51.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	125036	59.243	ng	92
60) Diethylphthalate	10.322	149	483738	52.481	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	232395	51.699	ng	99
62) 4-Nitroaniline	10.492	138	96909	45.916	ng	99
63) Azobenzene	10.604	77	436222	49.975	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	82784	56.451	ng	93
66) n-Nitrosodiphenylamine	10.563	169	415915	49.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	142761	48.304	ng	95
68) Hexachlorobenzene	11.004	284	160645	46.943	ng	100
69) Atrazine	11.092	200	127803	53.530	ng	98
70) Pentachlorophenol	11.210	266	135328	89.850	ng	99
71) Phenanthrene	11.422	178	692667	50.212	ng	99
72) Anthracene	11.474	178	689907	51.127	ng	100
73) Carbazole	11.633	167	661186	50.934	ng	100
74) Di-n-butylphthalate	11.945	149	774504	51.679	ng	100
75) Fluoranthene	12.610	202	780578	52.116	ng	100
77) Benzidine	12.739	184	71882	13.286	ng	100
78) Pyrene	12.845	202	791731	46.014	ng	99
80) Butylbenzylphthalate	13.451	149	304308	49.095	ng	100
81) Benzo(a)anthracene	14.039	228	626272	50.841	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	147964	40.007	ng	99
83) Chrysene	14.074	228	546406	48.510	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	358606	45.818	ng	99
85) Di-n-octyl phthalate	14.633	149	462427	43.233	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	465094	54.642	ng	100
88) Benzo(b)fluoranthene	15.110	252	466652	56.883	ng	99
89) Benzo(k)fluoranthene	15.139	252	414629	57.756	ng	100
90) Benzo(a)pyrene	15.480	252	369440	55.386	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	389347	55.855	ng	100
92) Benzo(g,h,i)perylene	17.527	276	379688	53.378	ng	98

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

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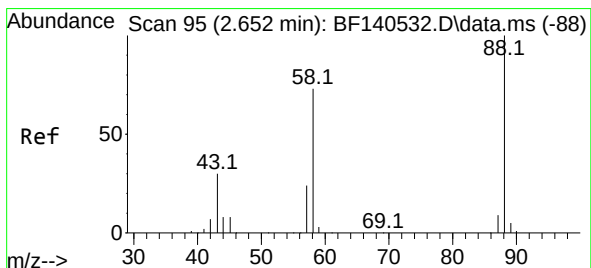
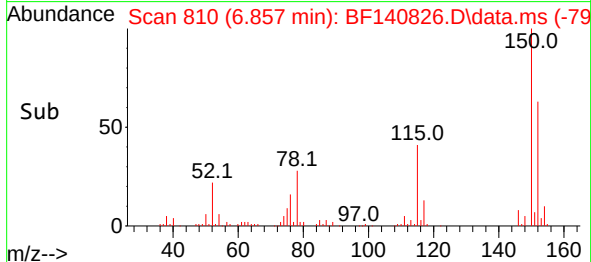
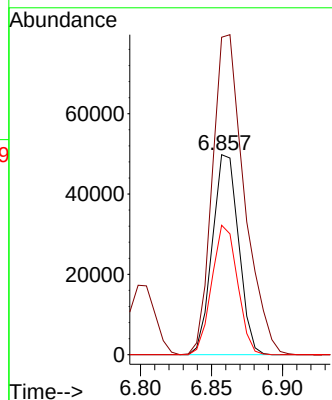
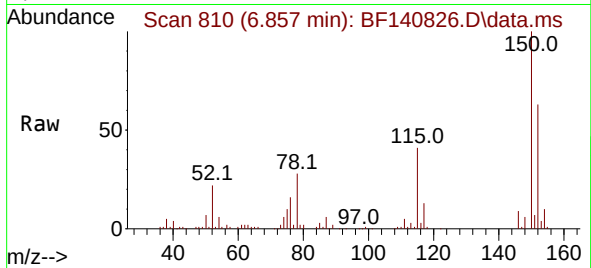




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

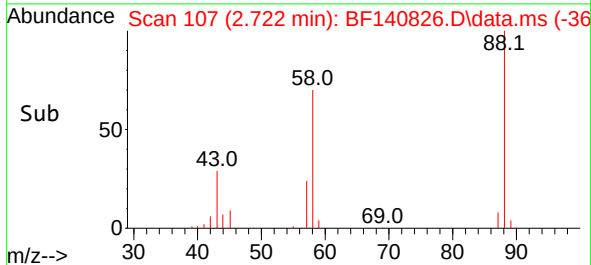
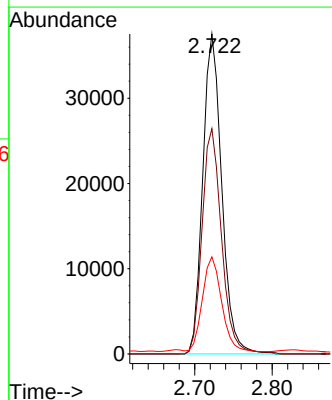
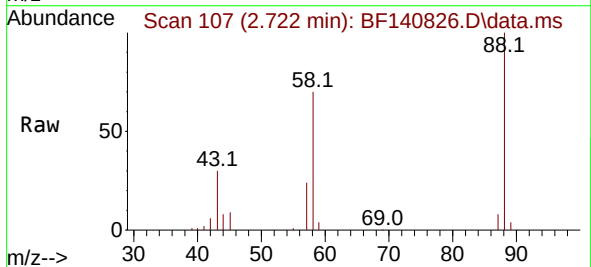
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

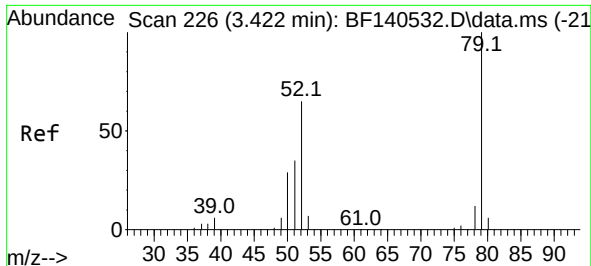
Tgt Ion:152 Resp: 64155
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.5 192.7
 115 64.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.407 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.071 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

Tgt Ion: 88 Resp: 63880
 Ion Ratio Lower Upper
 88 100
 58 72.2 57.4 86.2
 43 30.0 24.3 36.5





#3

Pyridine

Concen: 42.311 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.094 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

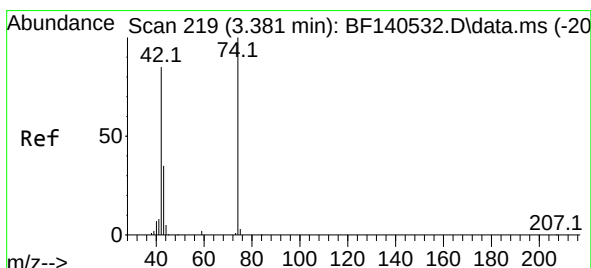
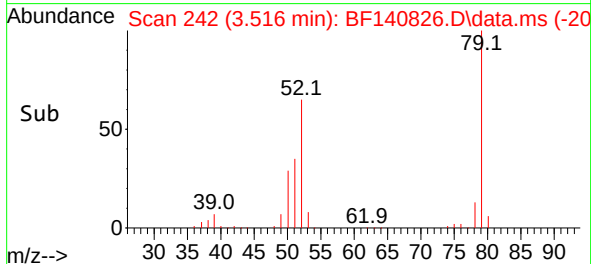
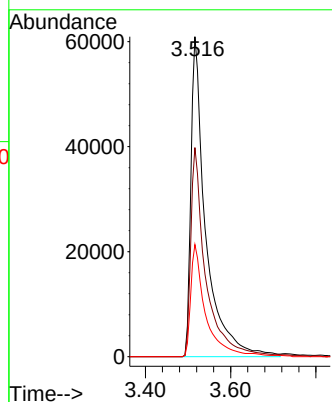
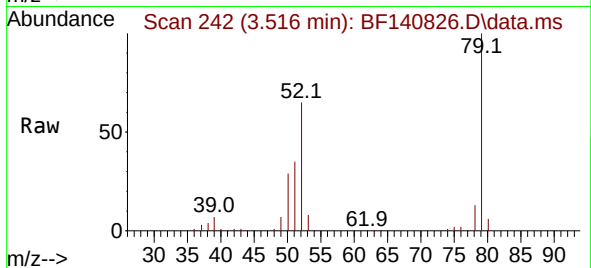
Tgt Ion: 79 Resp: 147173

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

51 35.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.158 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.071 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

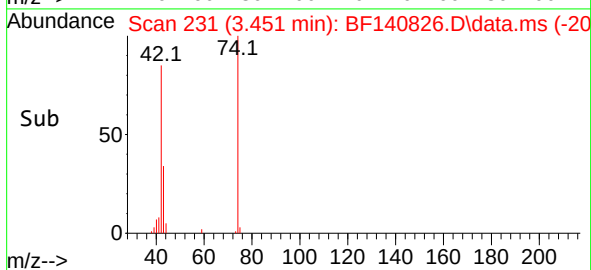
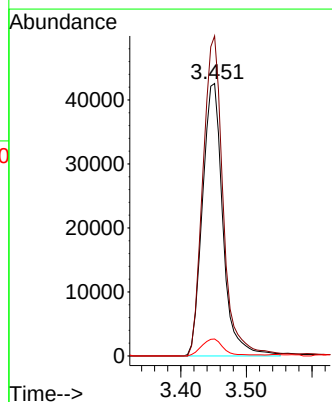
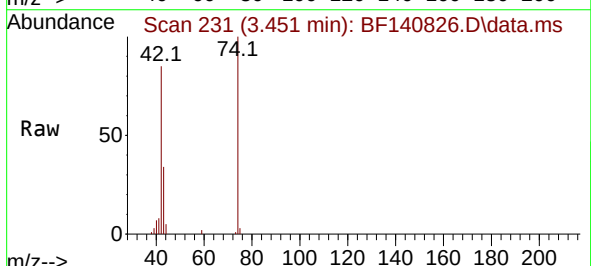
Tgt Ion: 42 Resp: 92320

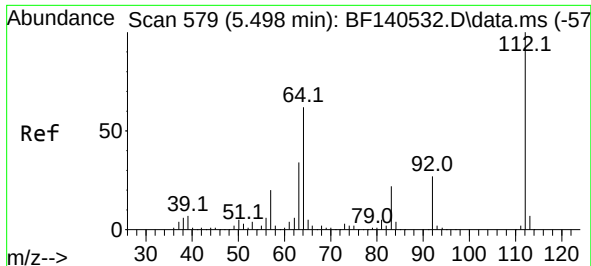
Ion Ratio Lower Upper

42 100

74 117.5 93.8 140.6

44 6.2 4.6 6.8

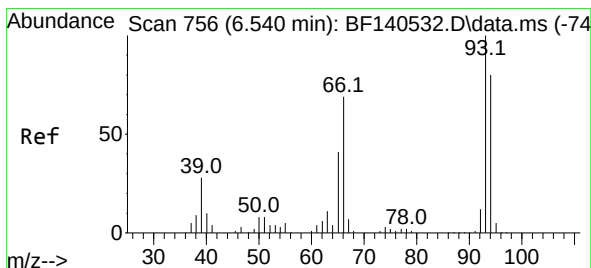
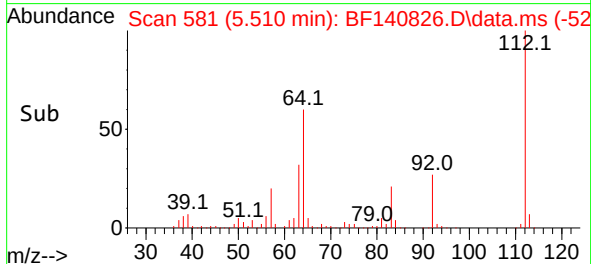
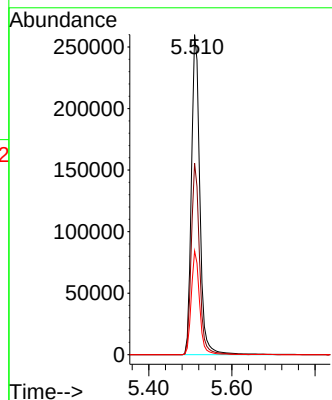
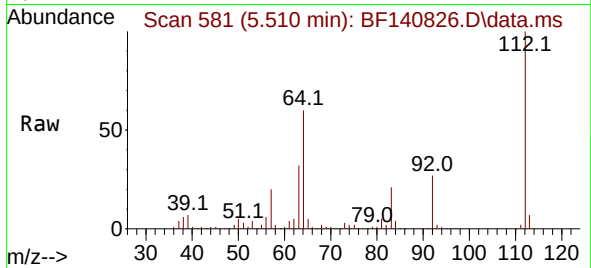




#5
2-Fluorophenol
Concen: 96.922 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

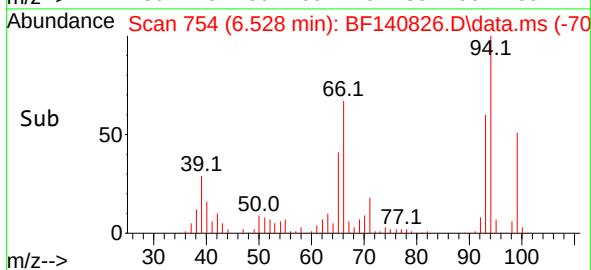
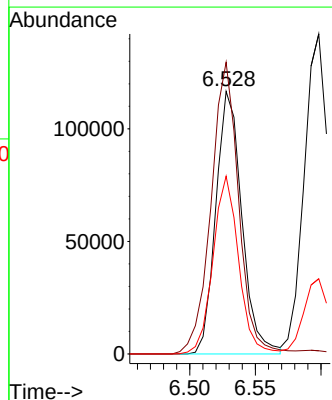
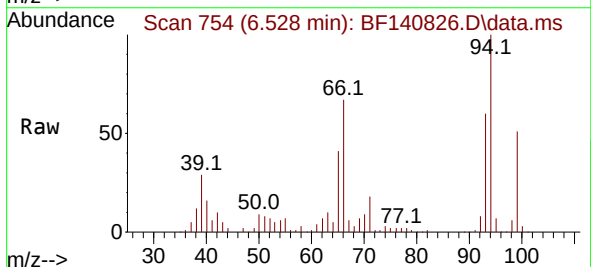
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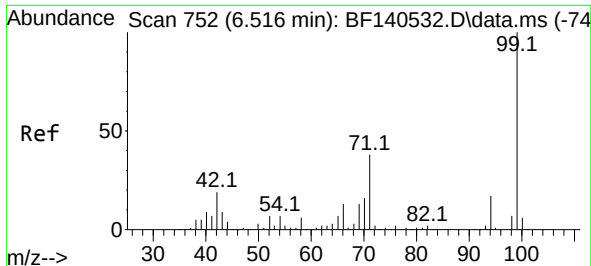
Tgt Ion:112 Resp: 364436
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.4 27.0 40.4



#6
Aniline
Concen: 46.014 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 93 Resp: 160995
Ion Ratio Lower Upper
93 100
66 111.1 56.5 84.7#
65 67.7 32.9 49.3#

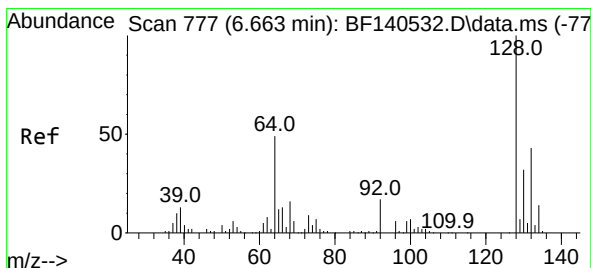
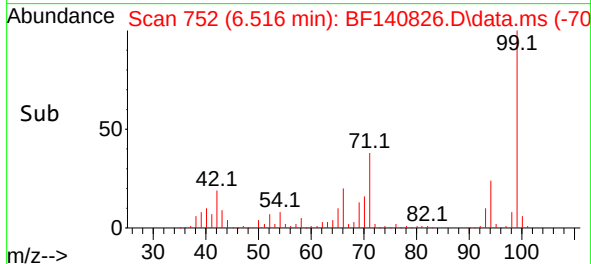
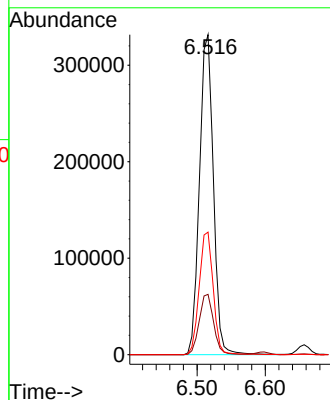
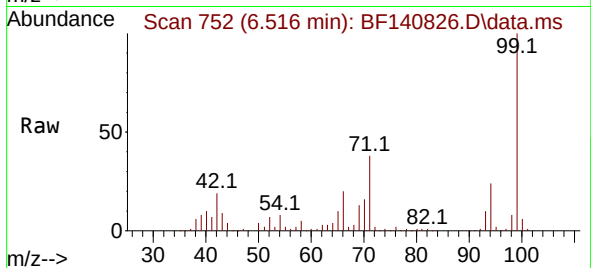




#7
Phenol-d6
Concen: 94.427 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

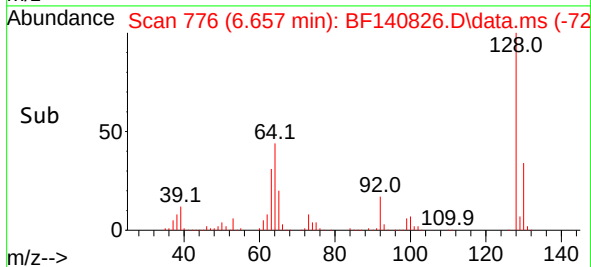
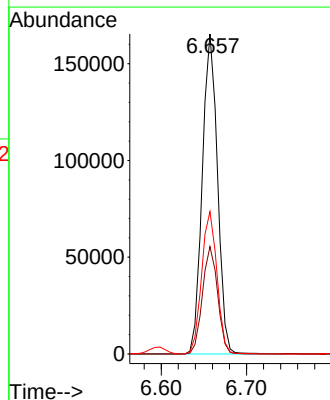
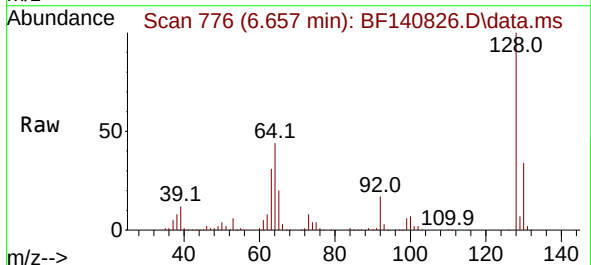
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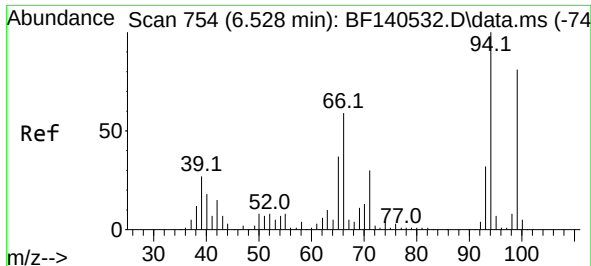
Tgt Ion: 99 Resp: 469388
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.3 30.6 46.0



#8
2-Chlorophenol
Concen: 50.699 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:128 Resp: 205091
Ion Ratio Lower Upper
128 100
130 33.6 12.3 52.3
64 44.5 30.2 70.2

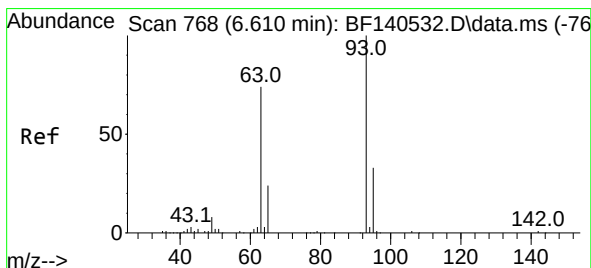
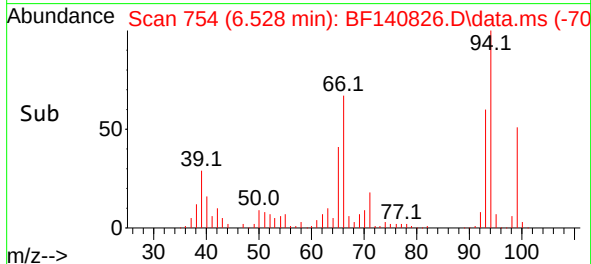
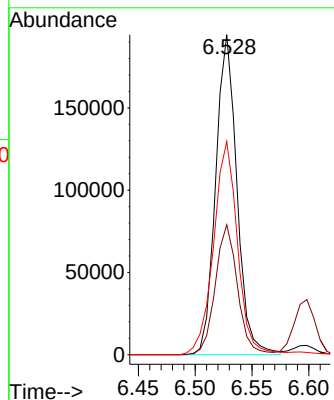
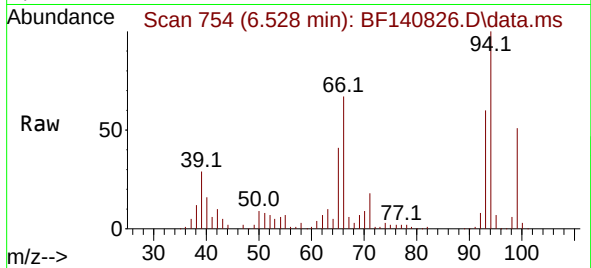




#10
Phenol
Concen: 49.828 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

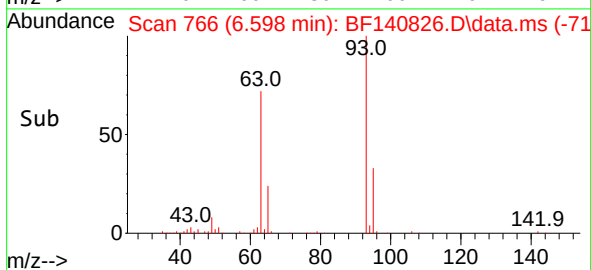
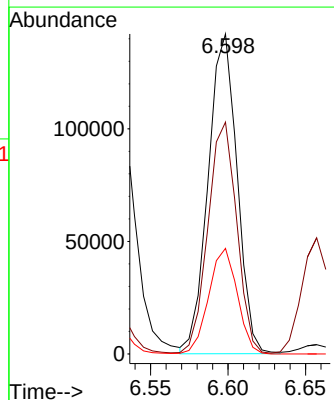
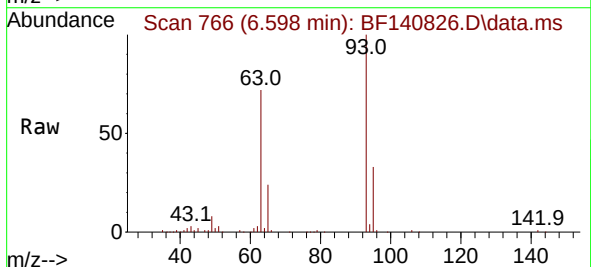
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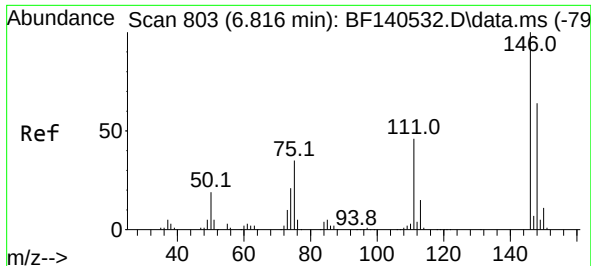
Tgt Ion: 94 Resp: 252956
Ion Ratio Lower Upper
94 100
65 40.6 17.2 57.2
66 66.6 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 47.562 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 93 Resp: 184766
Ion Ratio Lower Upper
93 100
63 72.4 52.8 92.8
95 33.0 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 46.915 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

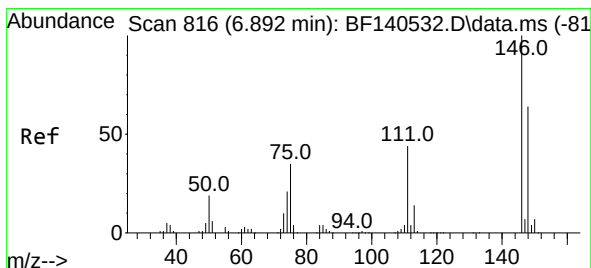
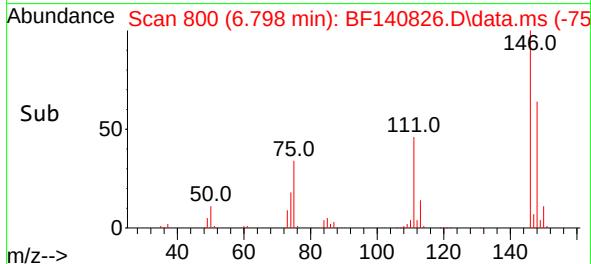
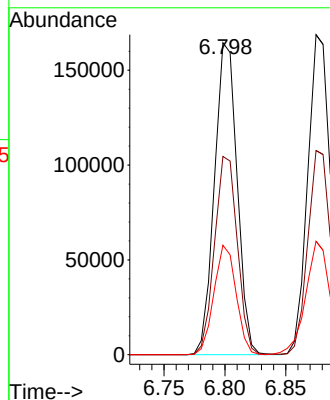
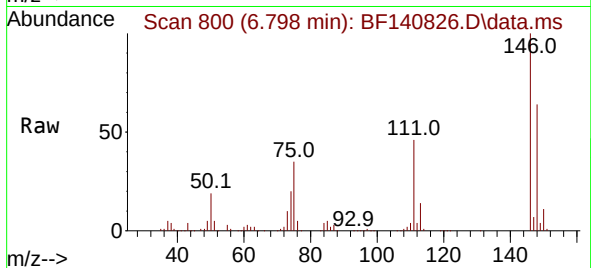
Tgt Ion:146 Resp: 213250

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 35.1 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 47.349 ng

RT: 6.875 min Scan# 813

Delta R.T. -0.018 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

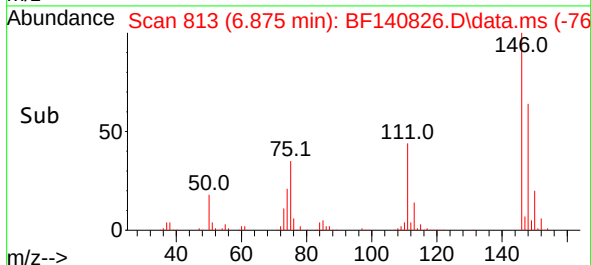
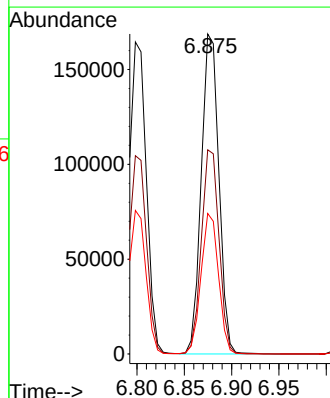
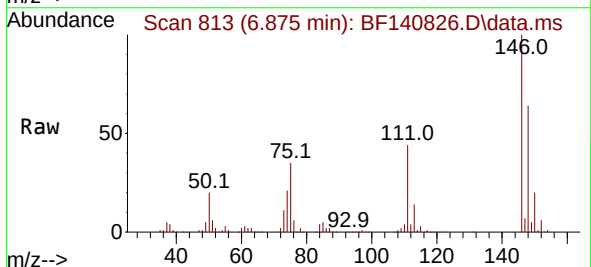
Tgt Ion:146 Resp: 217924

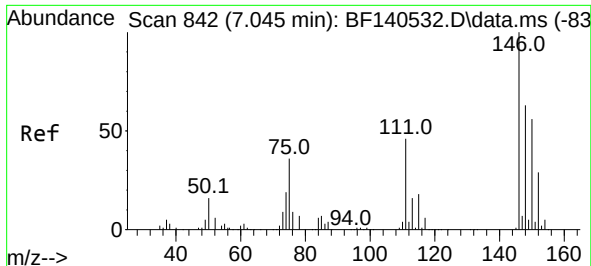
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.9 35.3 52.9

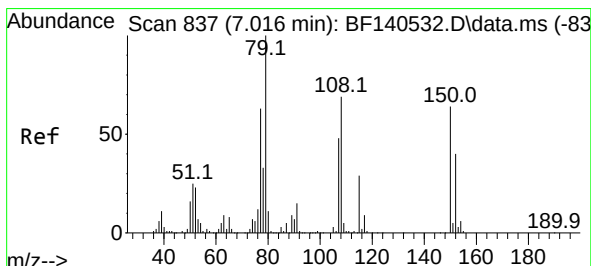
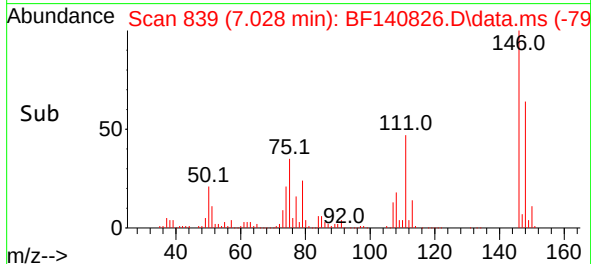
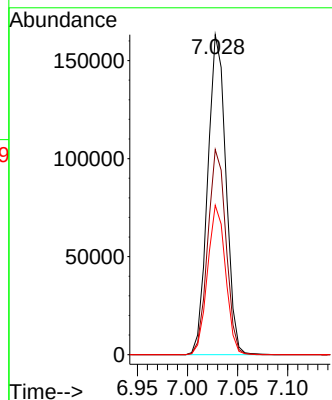
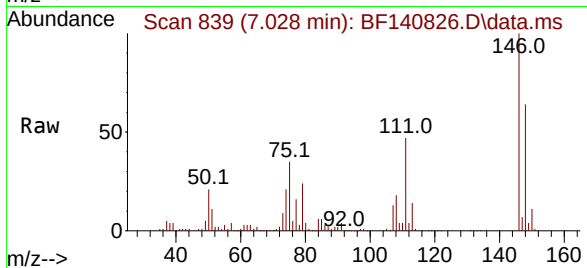




#14
1,2-Dichlorobenzene
Concen: 47.899 ng
RT: 7.028 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

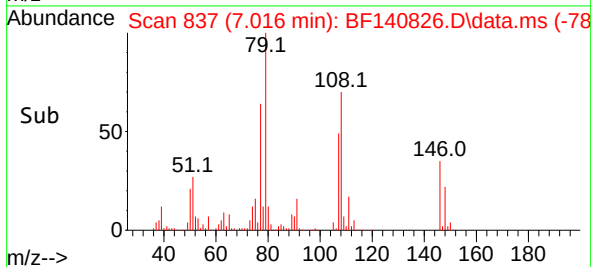
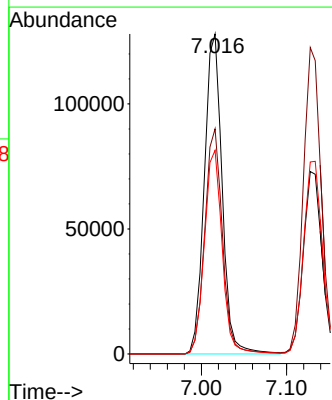
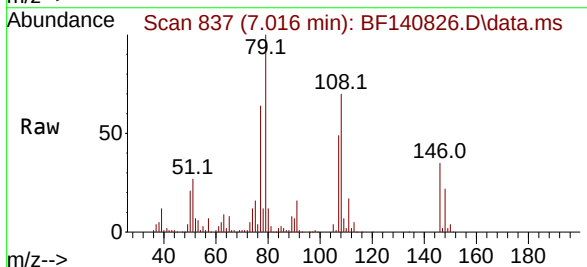
Instrument :
BNA_F
ClientSampleId :
PB165479BS

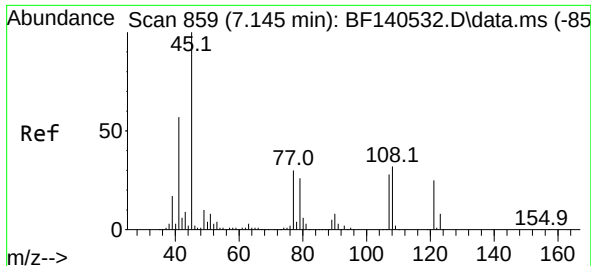
Tgt Ion:146 Resp: 206575
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 46.7 36.7 55.1



#15
Benzyl Alcohol
Concen: 50.442 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 79 Resp: 185948
Ion Ratio Lower Upper
79 100
108 70.4 55.0 82.6
77 63.7 50.1 75.1

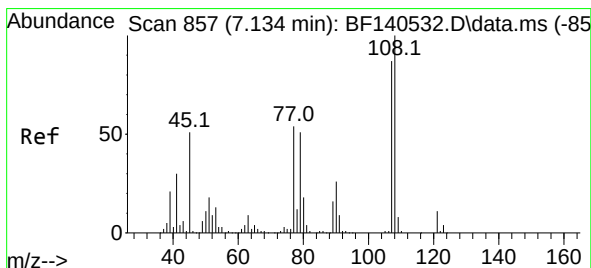
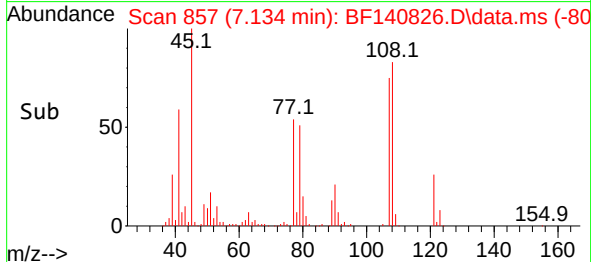
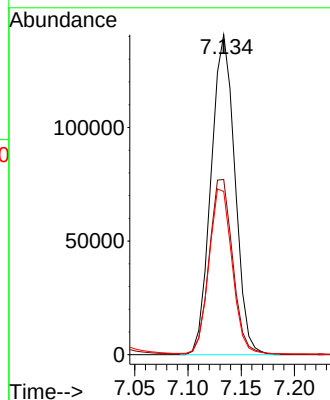
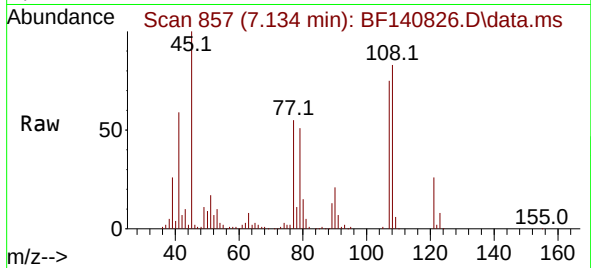




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.739 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

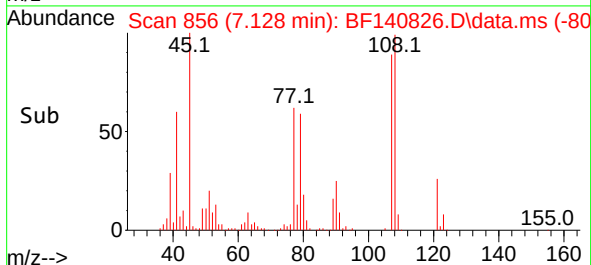
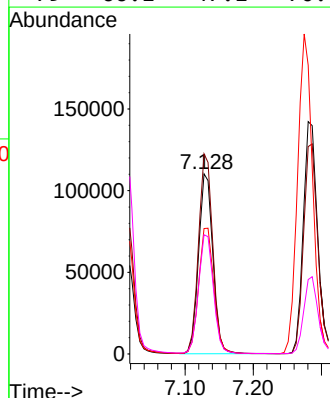
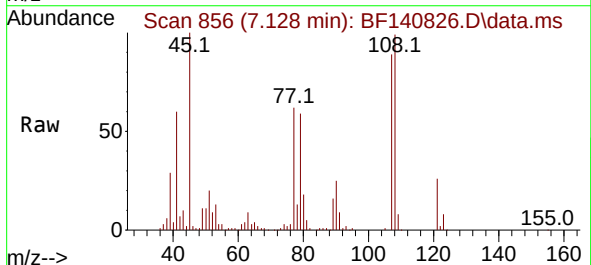
Instrument :
BNA_F
ClientSampleId :
PB165479BS

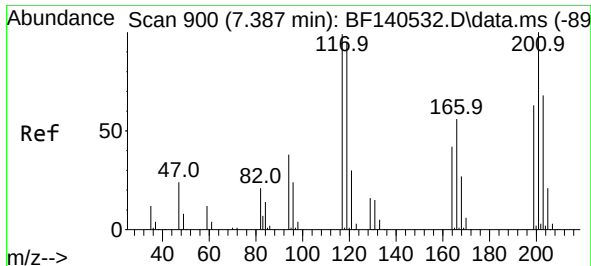
Tgt Ion: 45 Resp: 219093
Ion Ratio Lower Upper
45 100
77 54.7 10.7 50.7#
79 51.0 7.0 47.0#



#17
2-Methylphenol
Concen: 49.721 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:107 Resp: 161007
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 69.6 49.3 73.9
79 66.1 47.1 70.7

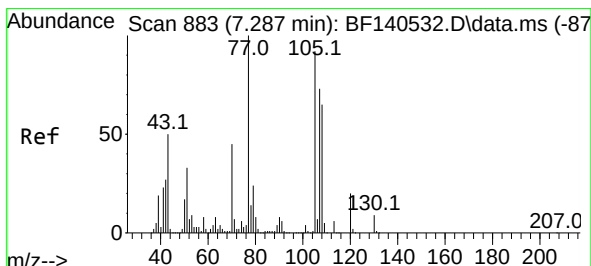
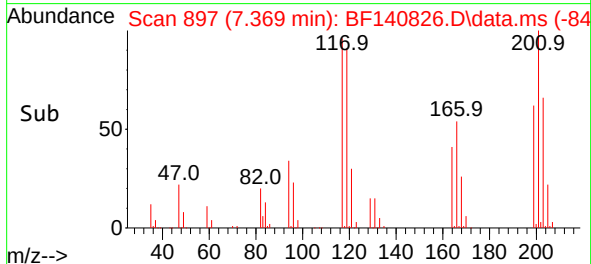
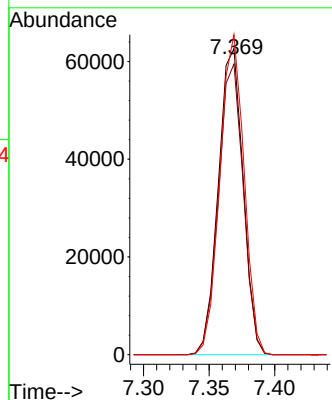
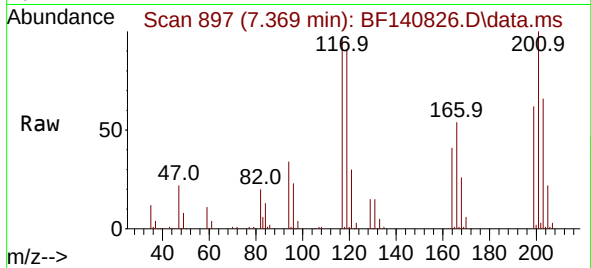




#18
Hexachloroethane
Concen: 47.879 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

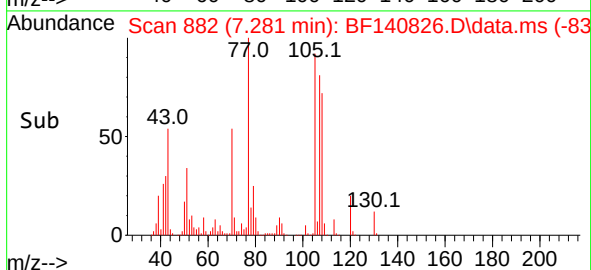
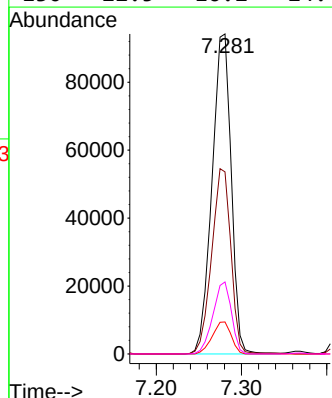
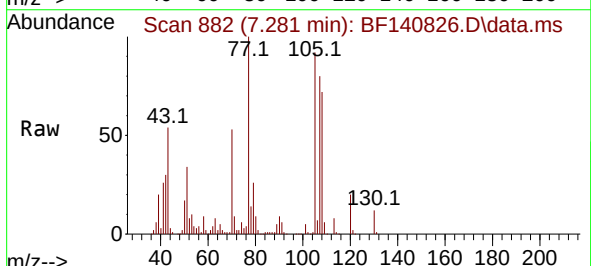
Instrument :
BNA_F
ClientSampleId :
PB165479BS

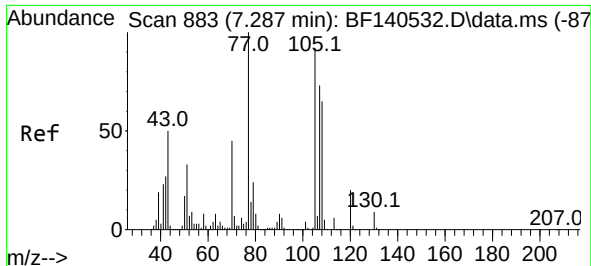
Tgt Ion:117 Resp: 82303
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 104.6 81.1 121.7



#19
n-Nitroso-di-n-propylamine
Concen: 50.147 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 70 Resp: 147321
Ion Ratio Lower Upper
70 100
42 56.9 47.6 71.4
101 10.0 7.6 11.4
130 22.5 16.2 24.4

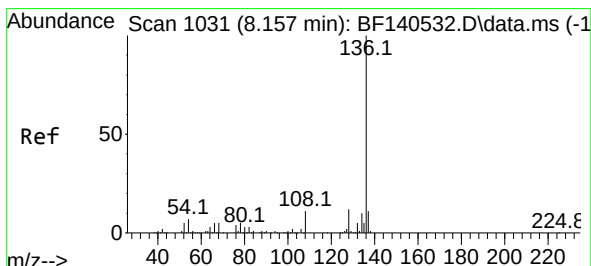
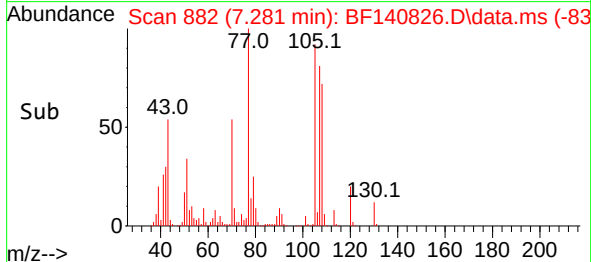
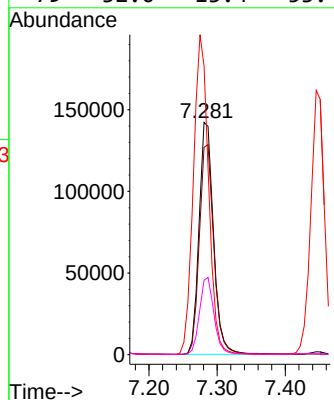
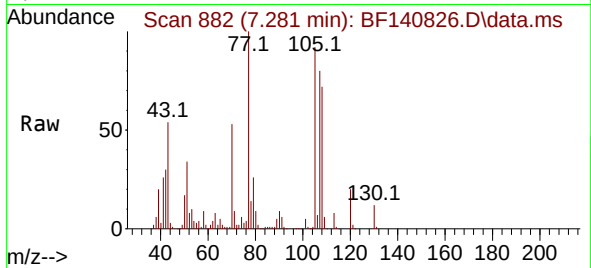




#20
3+4-Methylphenols
Concen: 50.624 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

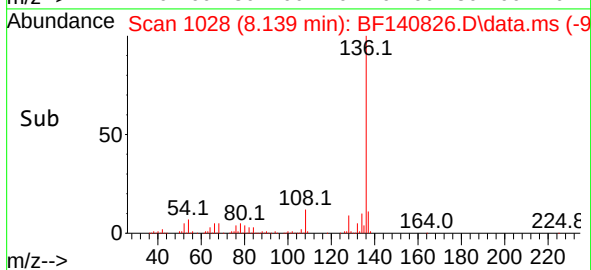
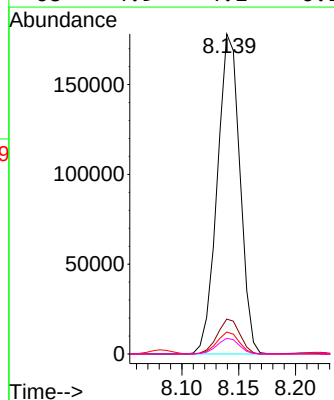
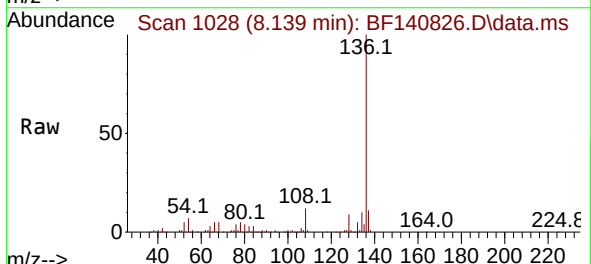
Instrument :
BNA_F
ClientSampleId :
PB165479BS

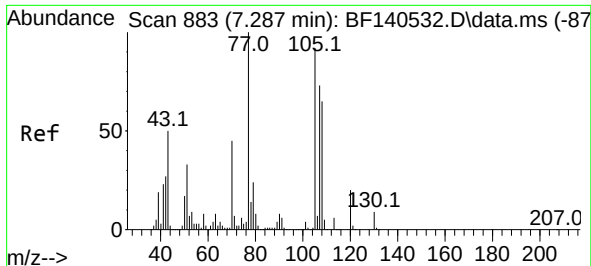
Tgt Ion:	107	Resp:	210706
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.9	109.9
77	124.2	117.7	157.7
79	32.0	13.4	53.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

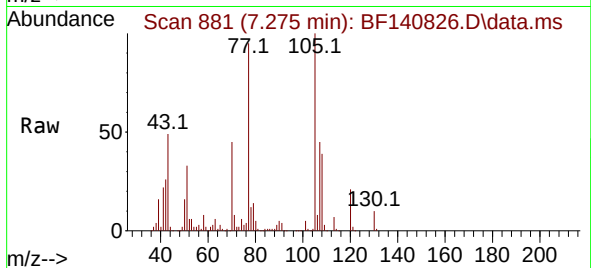
Tgt Ion:	136	Resp:	247154
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	4.9	4.1	6.1



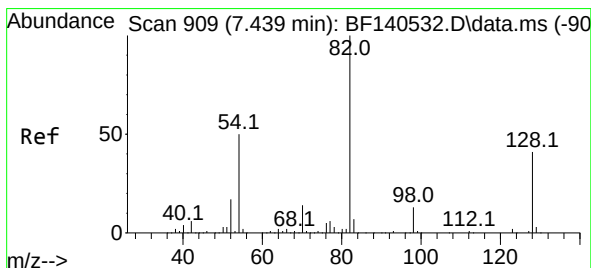
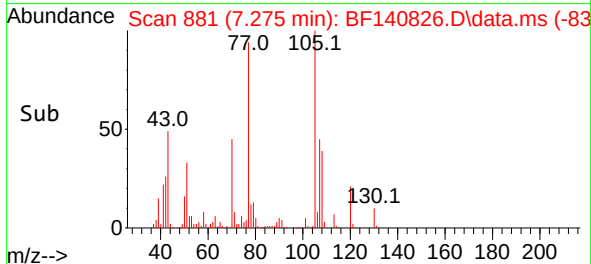
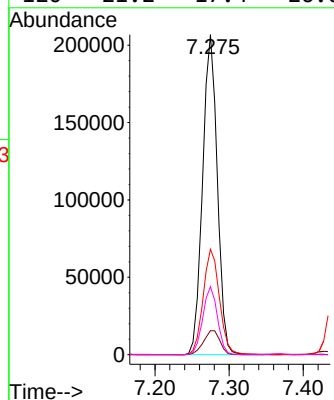


#22
Acetophenone
Concen: 47.475 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB165479BS

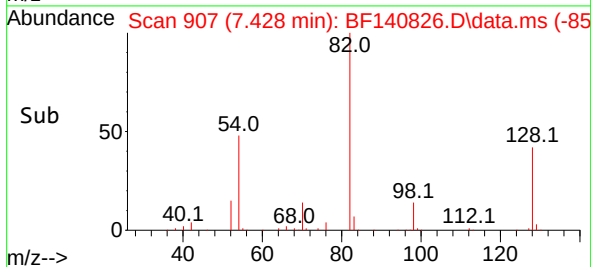
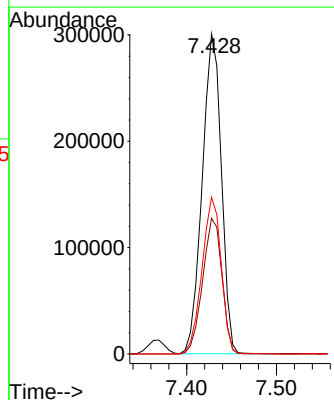
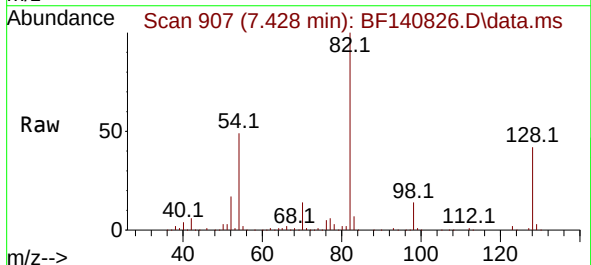


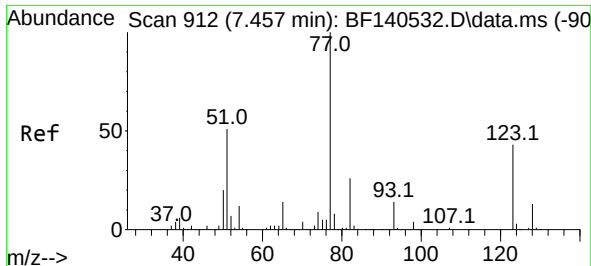
Tgt Ion:105 Resp: 286061
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 32.9 29.0 43.6
120 21.2 17.4 26.0



#23
Nitrobenzene-d5
Concen: 92.011 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 82 Resp: 444588
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 49.0 39.5 59.3

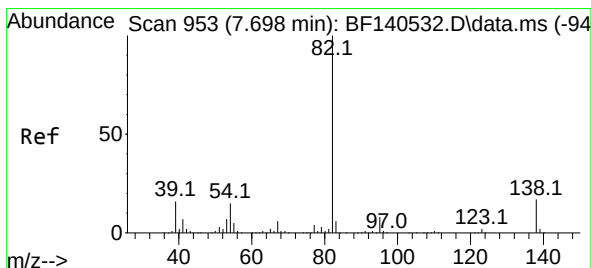
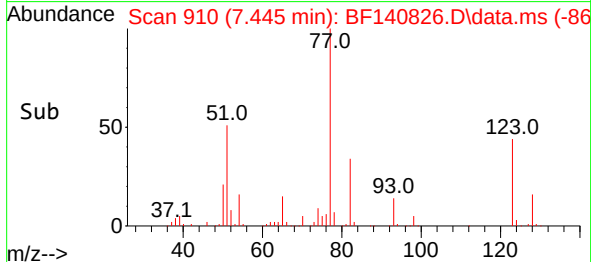
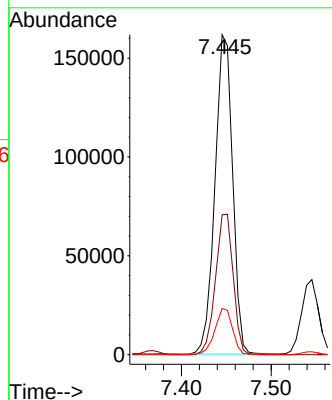
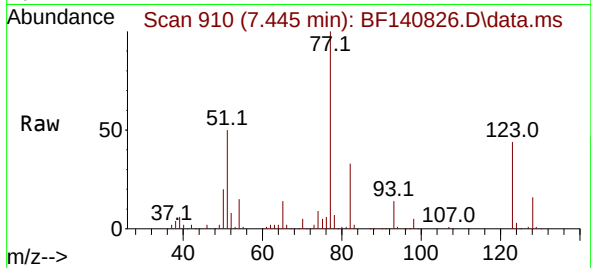




#24
Nitrobenzene
Concen: 44.191 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

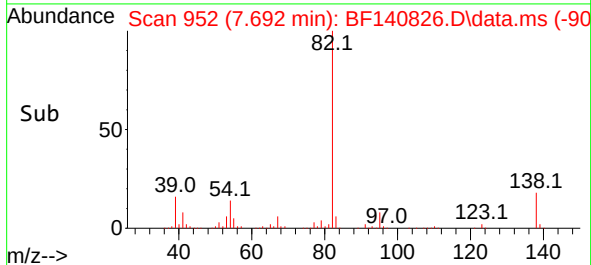
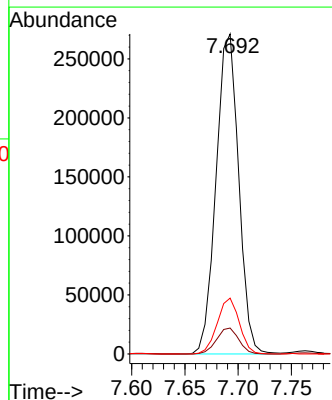
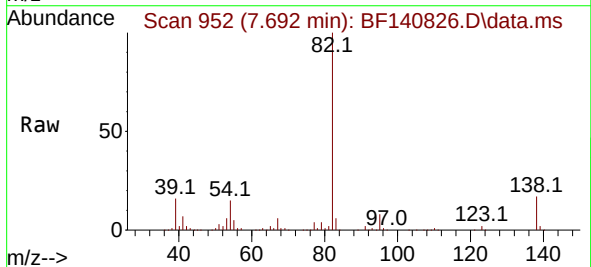
Instrument :
BNA_F
ClientSampleId :
PB165479BS

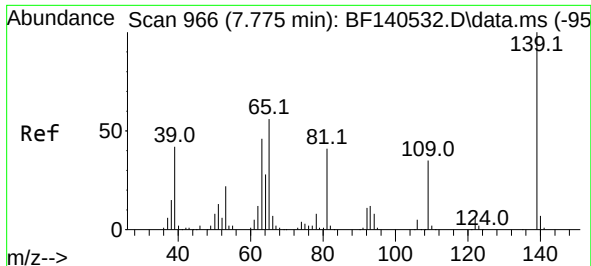
Tgt Ion: 77 Resp: 220685
Ion Ratio Lower Upper
77 100
123 43.7 34.3 51.5
65 14.4 11.2 16.8



#25
Isophorone
Concen: 49.561 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 82 Resp: 399424
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.5 13.8 20.6

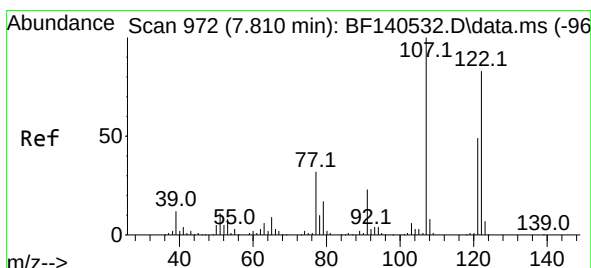
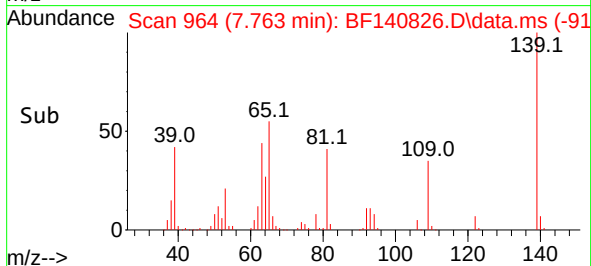
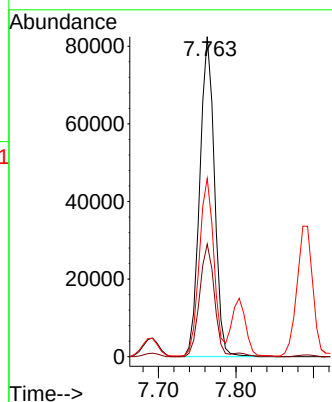
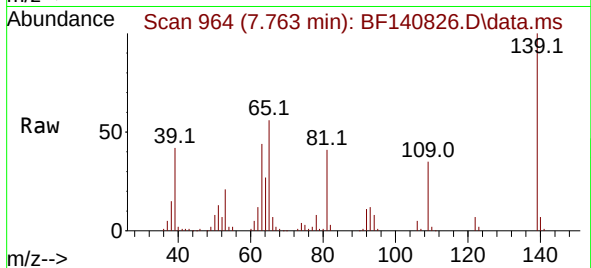




#26
2-Nitrophenol
Concen: 49.144 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

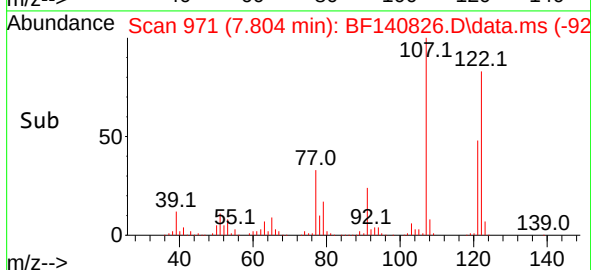
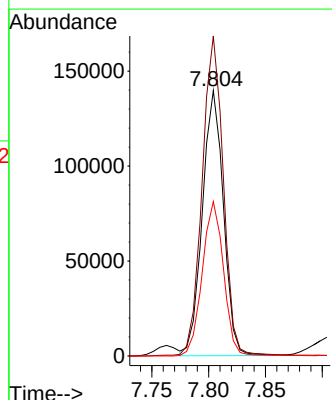
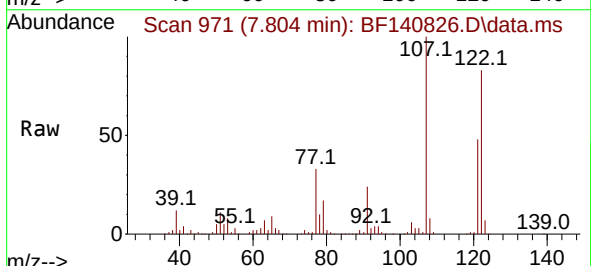
Instrument :
BNA_F
ClientSampleId :
PB165479BS

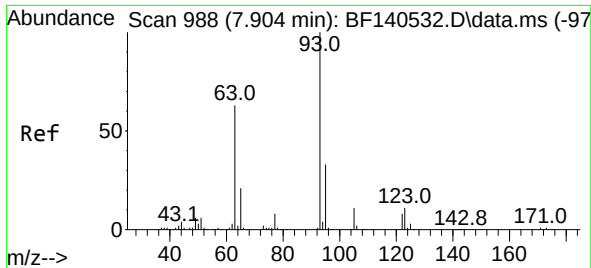
Tgt Ion:139 Resp: 108761
Ion Ratio Lower Upper
139 100
109 35.2 28.0 42.0
65 55.7 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 68.034 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:122 Resp: 180147
Ion Ratio Lower Upper
122 100
107 120.6 96.8 145.2
121 58.2 47.4 71.0

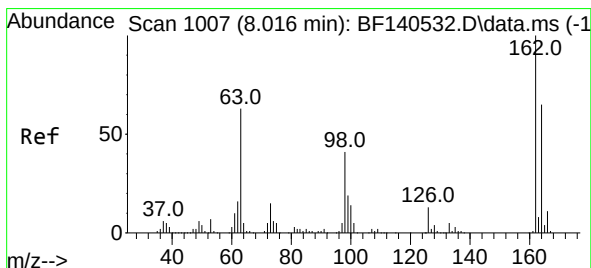
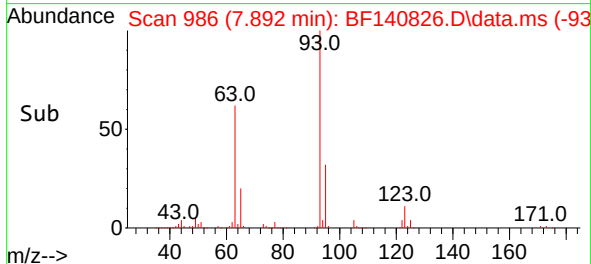
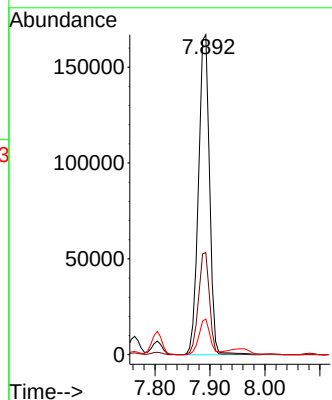
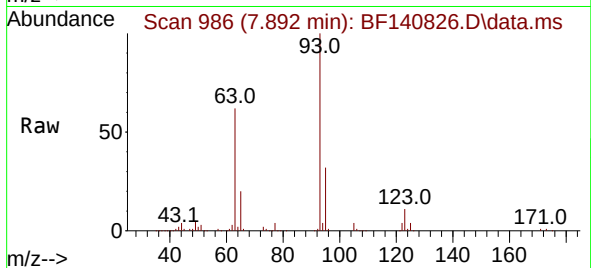




#28
bis(2-Chloroethoxy)methane
Concen: 47.735 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

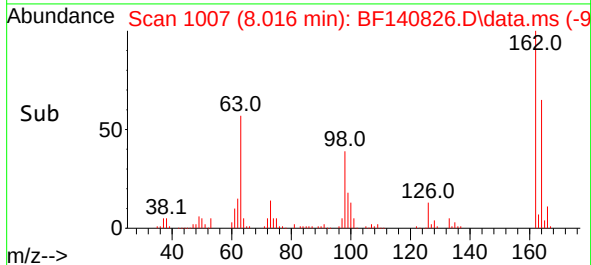
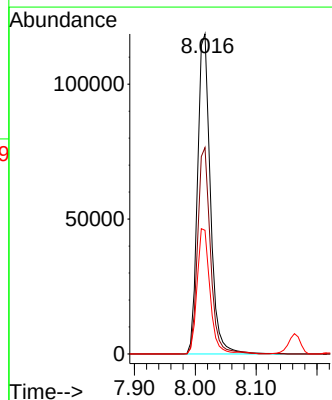
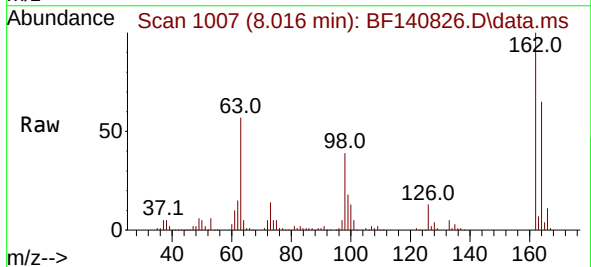
Instrument :
BNA_F
ClientSampleId :
PB165479BS

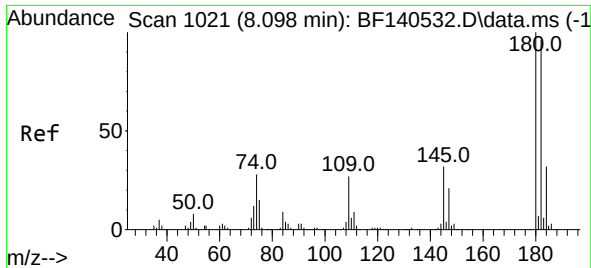
Tgt Ion: 93 Resp: 234365
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 11.2 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 49.365 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

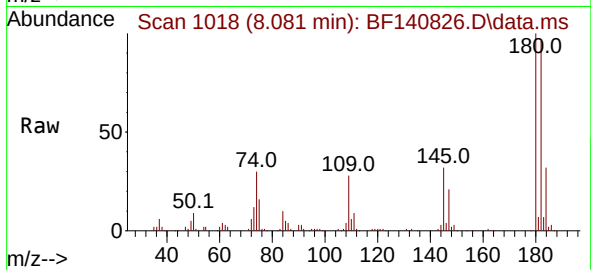
Tgt Ion:162 Resp: 173205
Ion Ratio Lower Upper
162 100
164 64.5 44.8 84.8
98 38.6 21.2 61.2



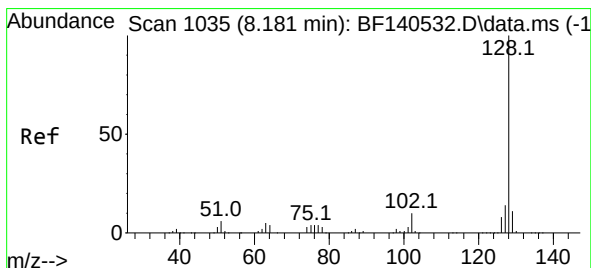
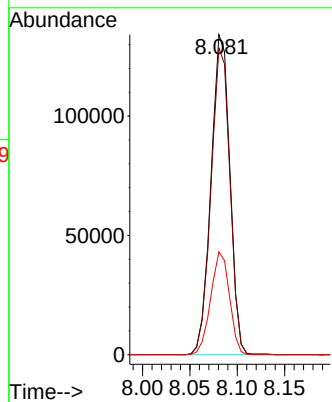
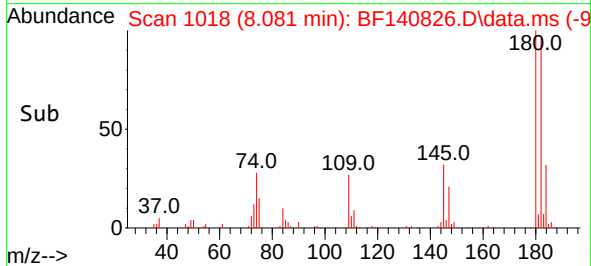


#30
1,2,4-Trichlorobenzene
Concen: 46.359 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB165479BS

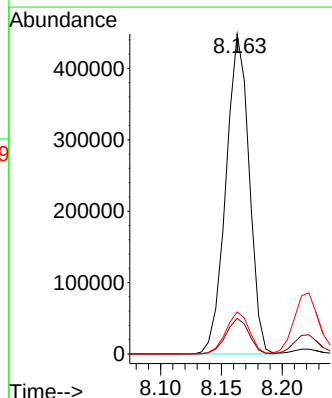
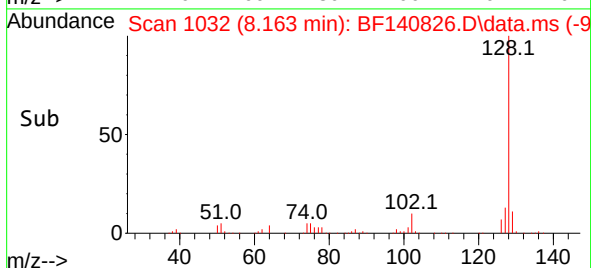
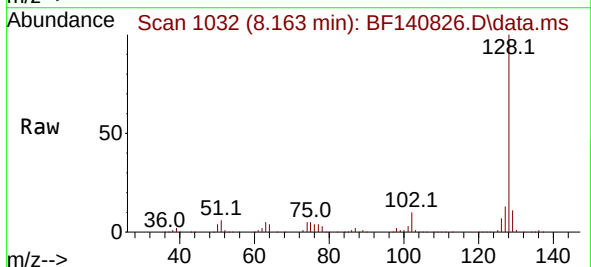


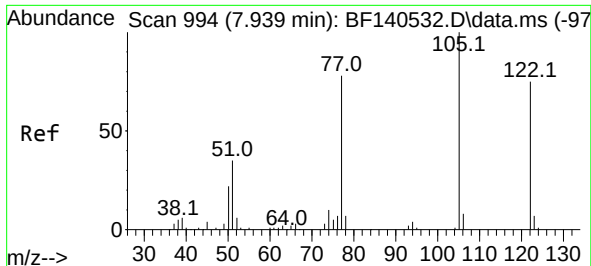
Tgt Ion:180 Resp: 185720
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 32.1 25.9 38.9



#31
Naphthalene
Concen: 46.701 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:128 Resp: 594536
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.8 16.2

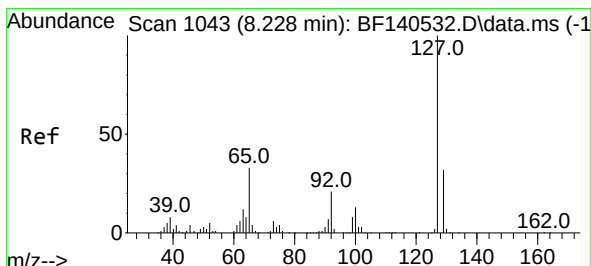
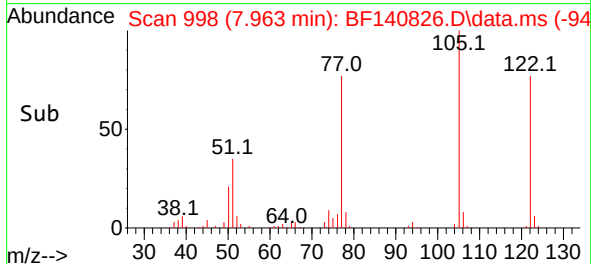
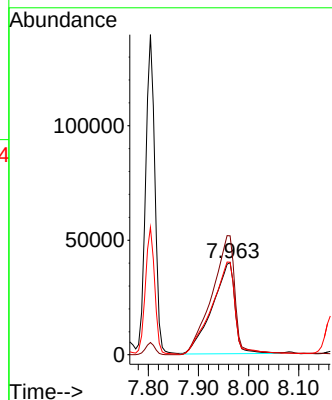
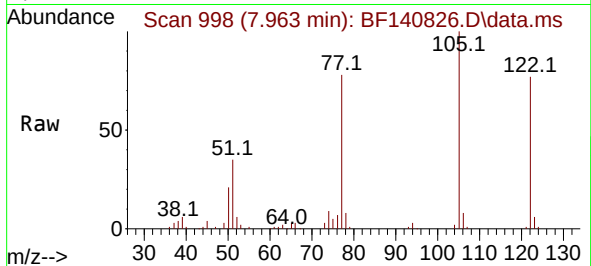




#32
Benzoic acid
Concen: 53.394 ng
RT: 7.963 min Scan# 994
Delta R.T. 0.024 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

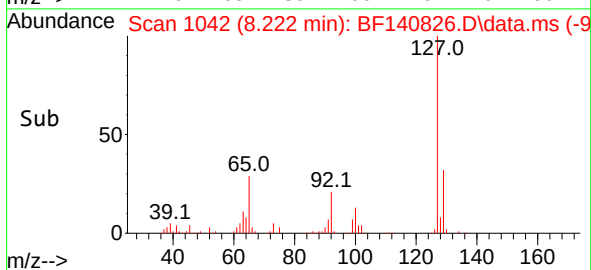
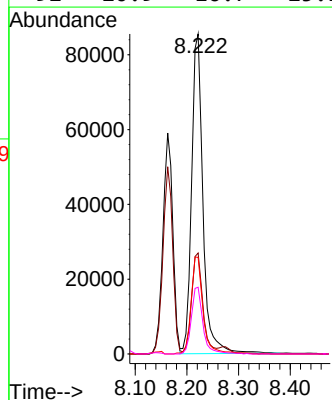
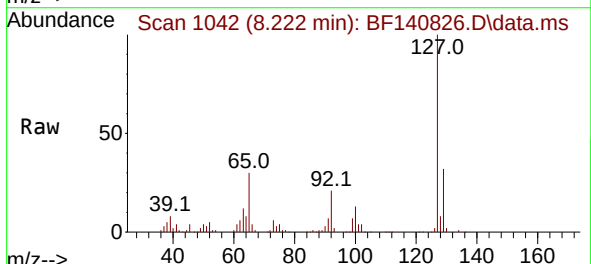
Instrument :
BNA_F
ClientSampleId :
PB165479BS

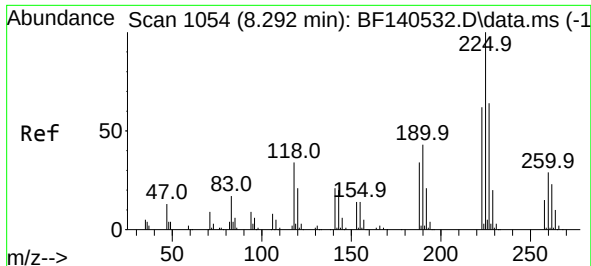
Tgt Ion:122 Resp: 125225
Ion Ratio Lower Upper
122 100
105 129.1 109.3 149.3
77 100.5 82.3 122.3



#33
4-Chloroaniline
Concen: 34.271 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

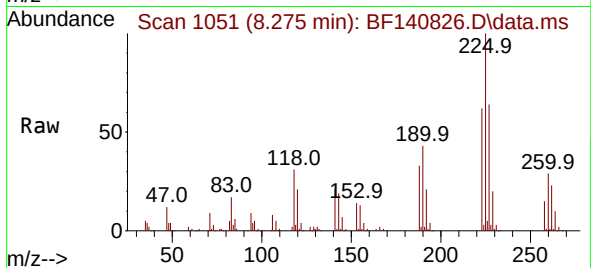
Tgt Ion:127 Resp: 130629
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 30.2 26.0 39.0
92 20.9 16.7 25.1



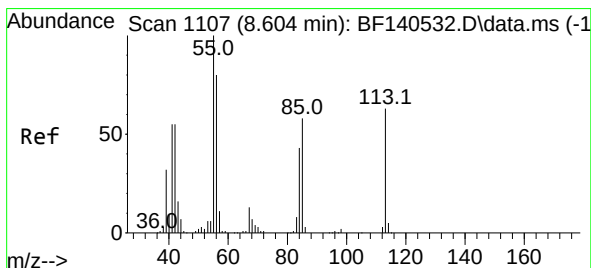
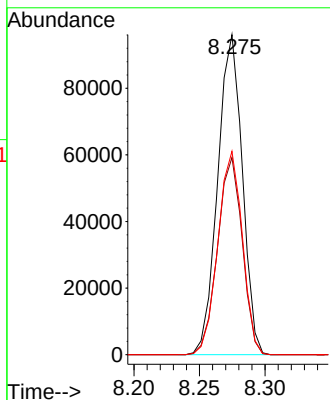
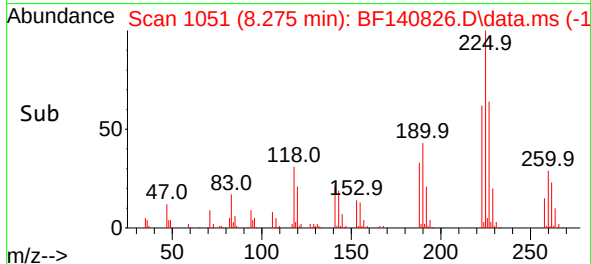


#34
Hexachlorobutadiene
Concen: 47.252 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB165479BS

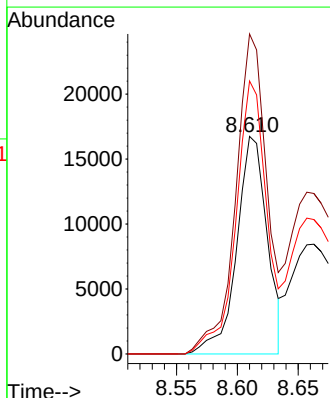
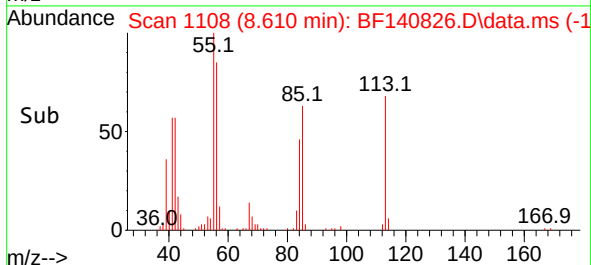
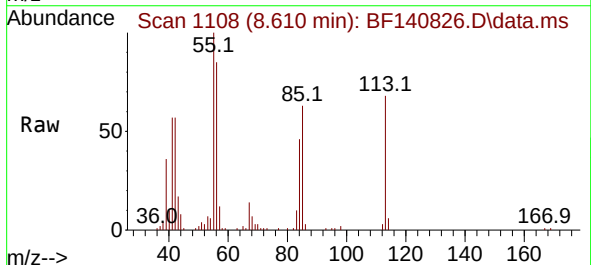


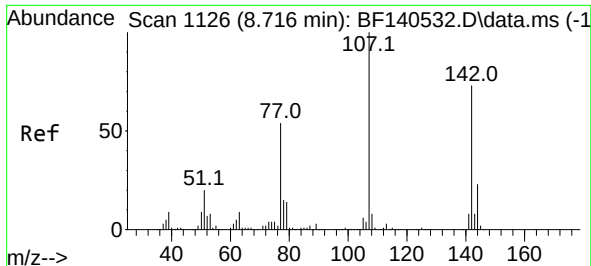
Tgt Ion:225 Resp: 125381
Ion Ratio Lower Upper
225 100
223 61.6 49.8 74.8
227 63.5 51.3 76.9



#35
Caprolactam
Concen: 26.876 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:113 Resp: 29183
Ion Ratio Lower Upper
113 100
55 147.1 137.7 177.7
56 125.5 106.4 146.4

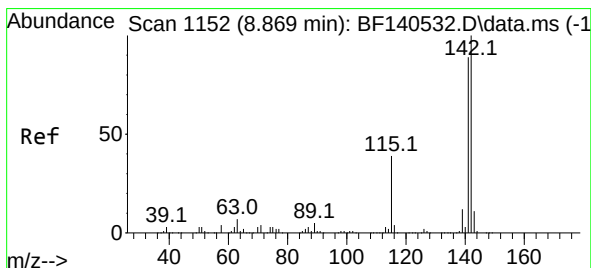
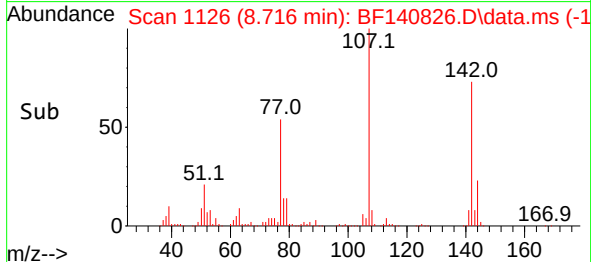
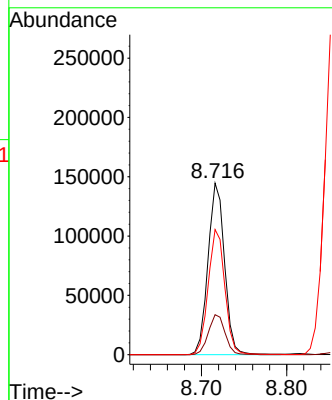
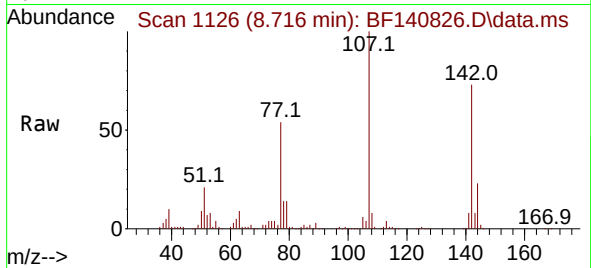




#36
4-Chloro-3-methylphenol
Concen: 49.671 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

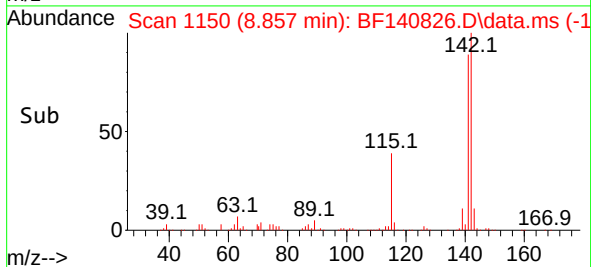
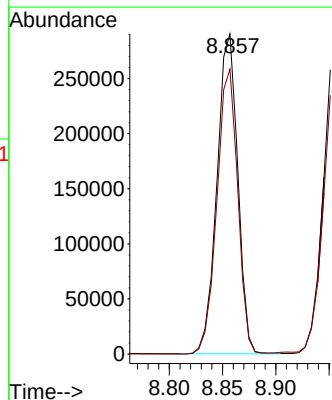
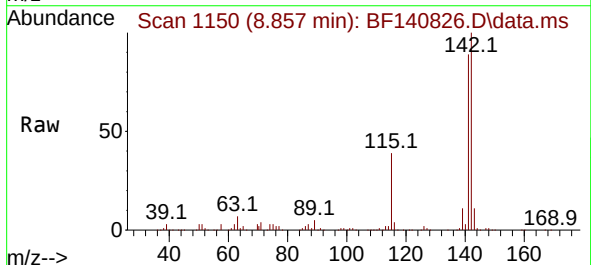
Instrument :
BNA_F
ClientSampleId :
PB165479BS

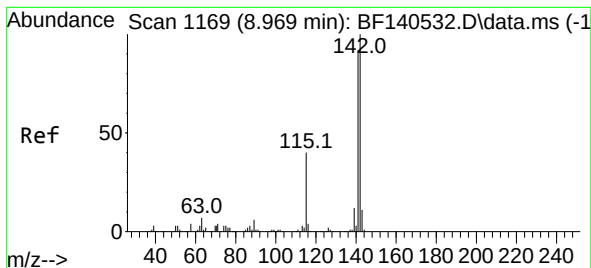
Tgt Ion:107 Resp: 195130
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 73.0 58.3 87.5



#37
2-Methylnaphthalene
Concen: 48.541 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:142 Resp: 392497
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6





#38

1-Methylnaphthalene

Concen: 46.541 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

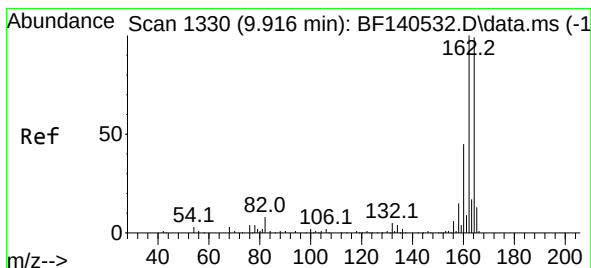
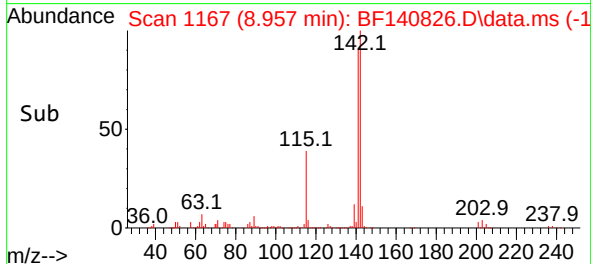
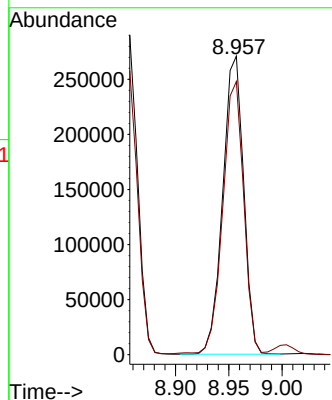
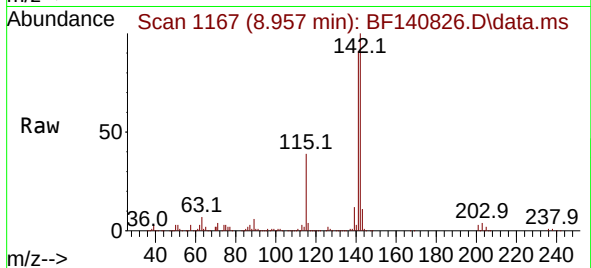
PB165479BS

Tgt Ion:142 Resp: 368877

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

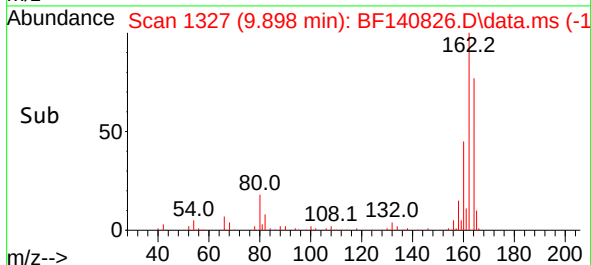
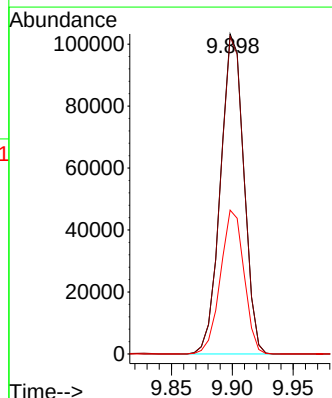
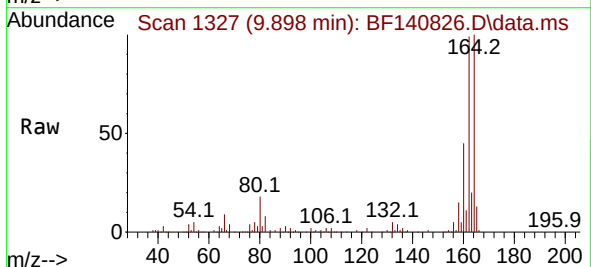
Tgt Ion:164 Resp: 137749

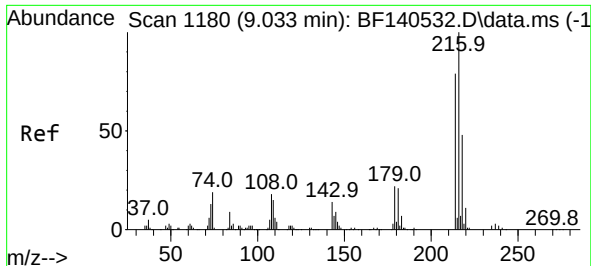
Ion Ratio Lower Upper

164 100

162 99.3 80.6 120.8

160 44.9 36.2 54.4



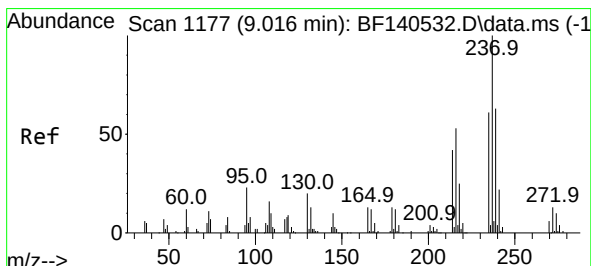
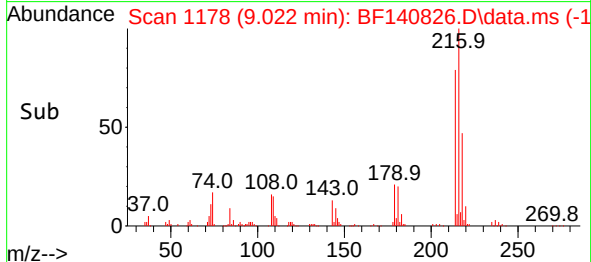
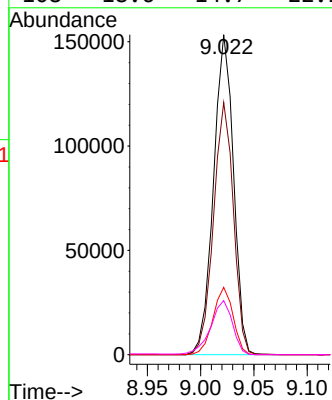
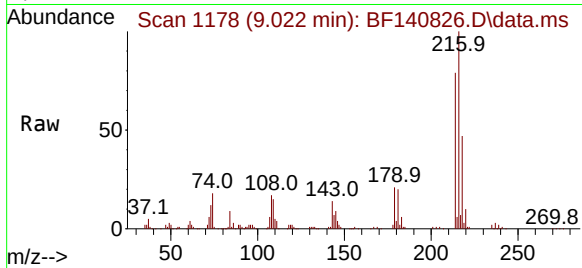


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.501 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB165479BS

Tgt Ion:216 Resp: 199620

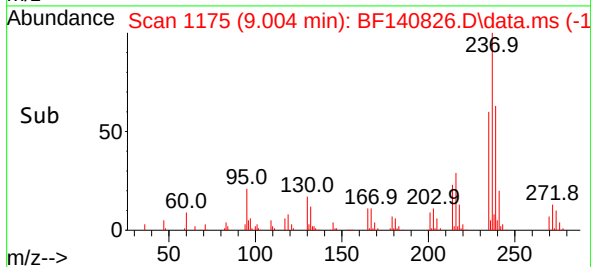
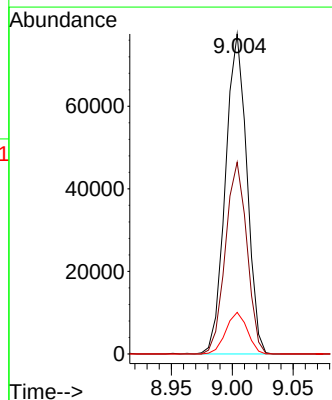
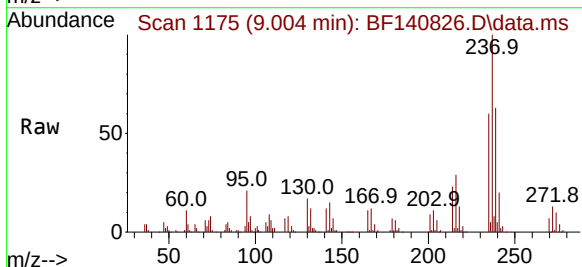
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.1	17.5	26.3
108	18.6	14.7	22.1

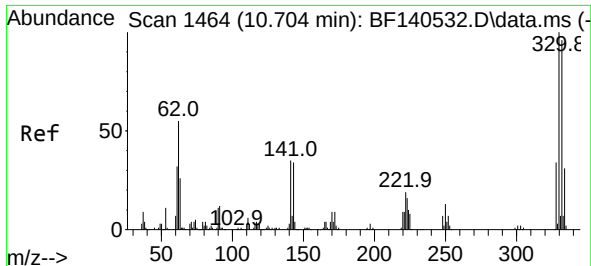


#41
Hexachlorocyclopentadiene
Concen: 102.276 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:237 Resp: 94732

Ion	Ratio	Lower	Upper
237	100		
235	59.9	41.1	81.1
272	13.0	0.0	32.6





#42

2,4,6-Tribromophenol

Concen: 110.041 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

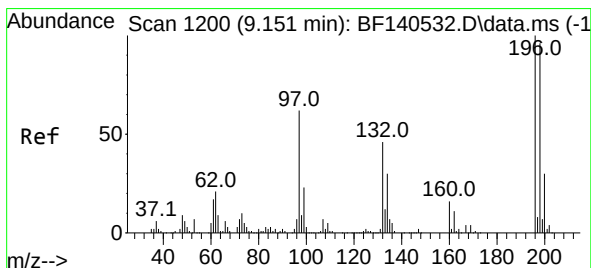
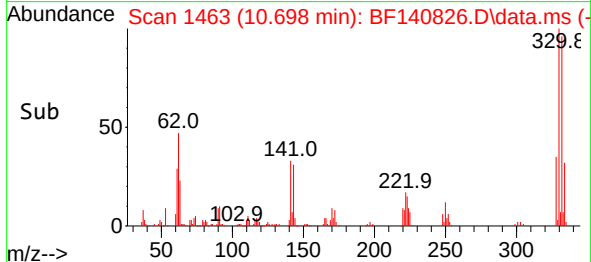
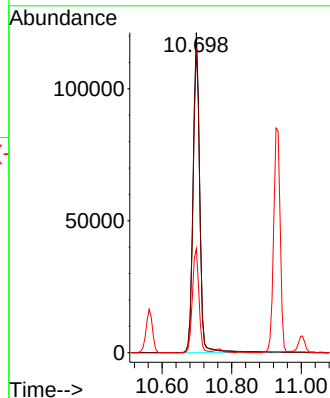
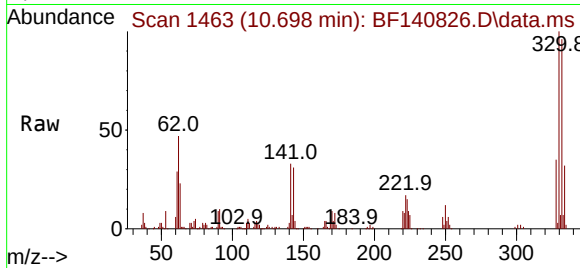
Tgt Ion:330 Resp: 162117

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 32.1 26.7 40.1



#43

2,4,6-Trichlorophenol

Concen: 50.331 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

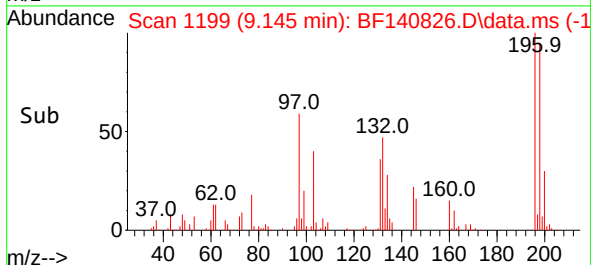
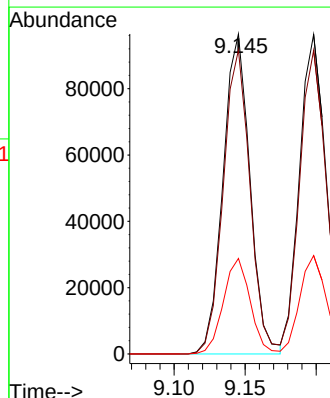
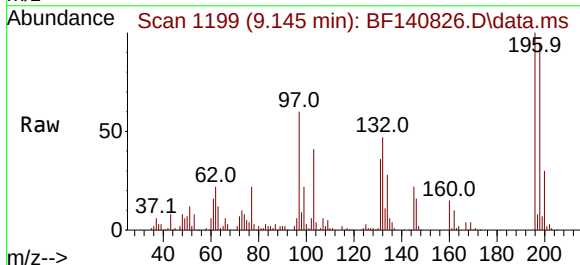
Tgt Ion:196 Resp: 127358

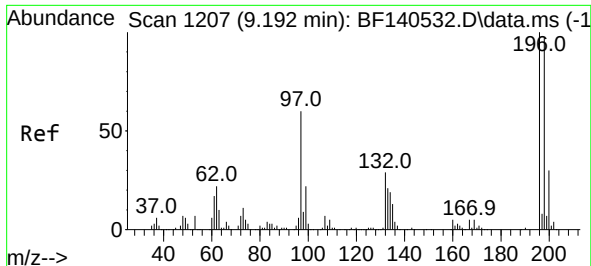
Ion Ratio Lower Upper

196 100

198 95.0 76.8 115.2

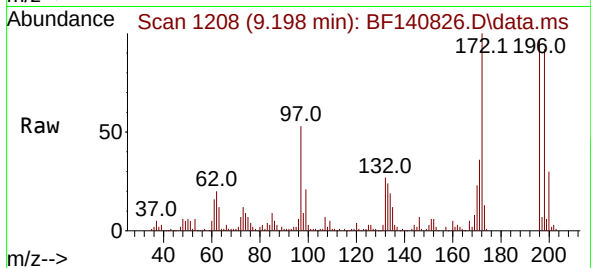
200 29.9 24.3 36.5



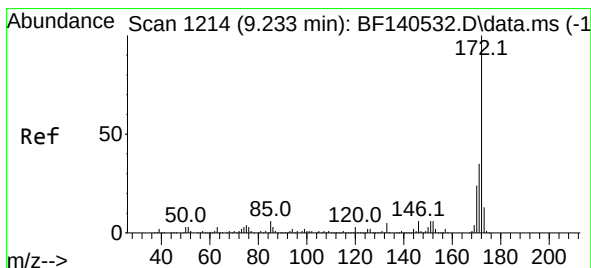
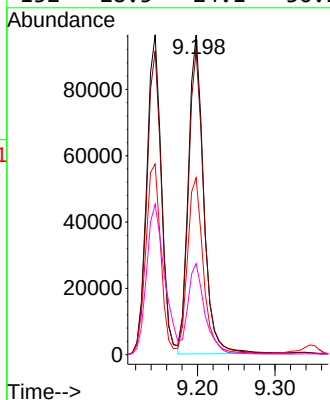
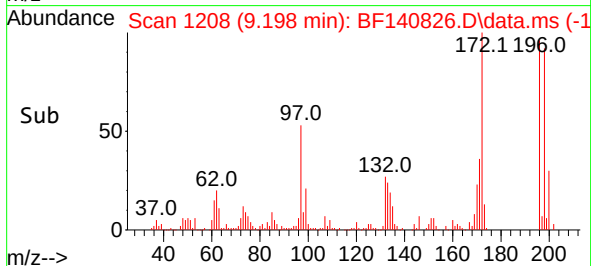


#44
2,4,5-Trichlorophenol
Concen: 47.980 ng
RT: 9.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB165479BS

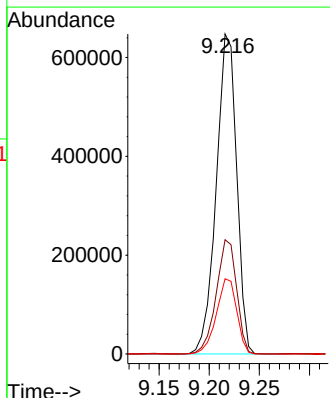
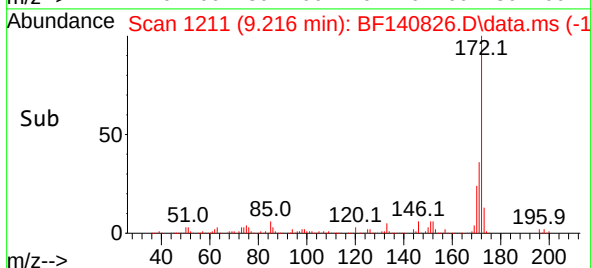
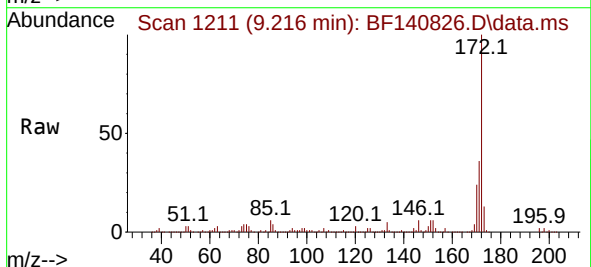


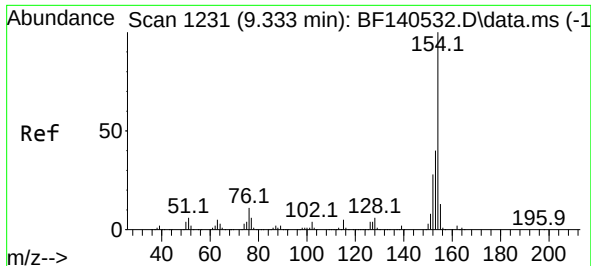
Tgt Ion:196 Resp: 131765
Ion Ratio Lower Upper
196 100
198 95.0 77.2 115.8
97 55.4 47.1 70.7
132 28.5 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 99.090 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:172 Resp: 916110
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.5 19.0 28.6





#46

1,1'-Biphenyl

Concen: 48.401 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

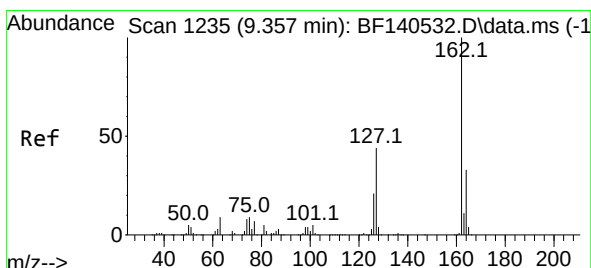
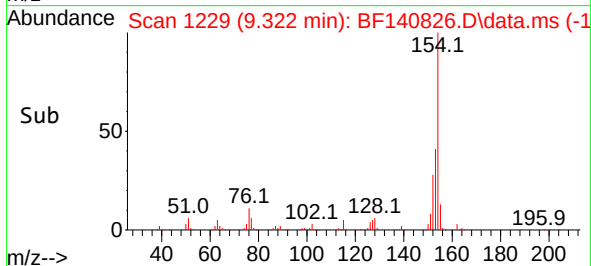
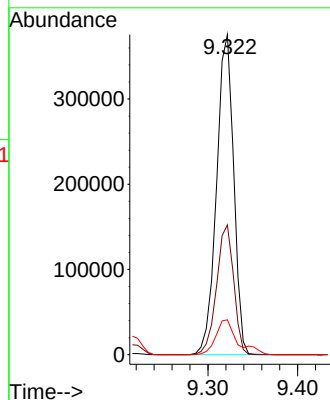
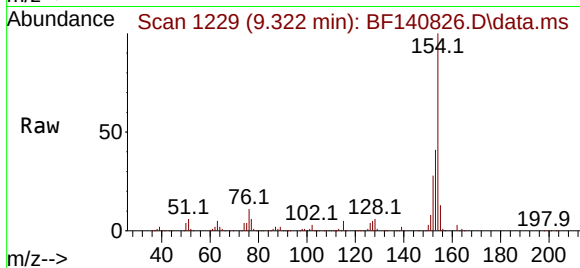
Tgt Ion:154 Resp: 497780

Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 10.9 0.0 31.2



#47

2-Chloronaphthalene

Concen: 48.367 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

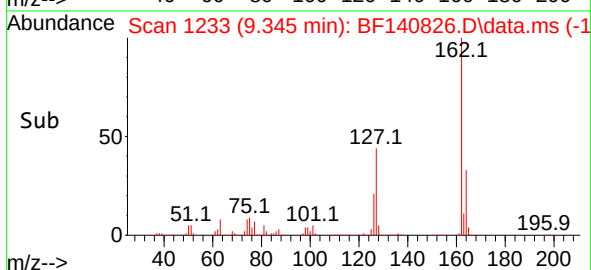
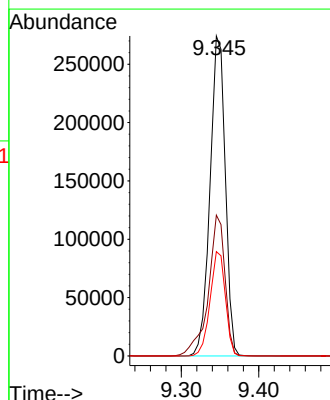
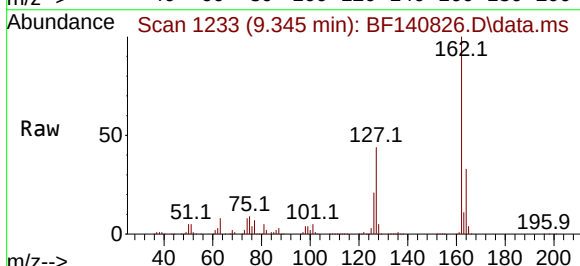
Tgt Ion:162 Resp: 376909

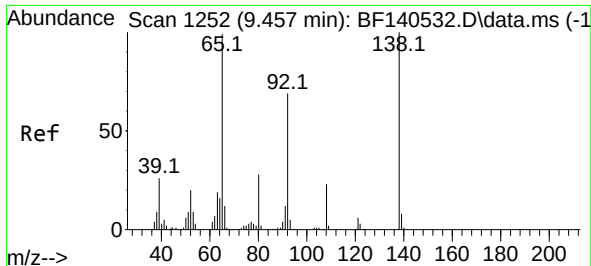
Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

164 32.6 26.1 39.1

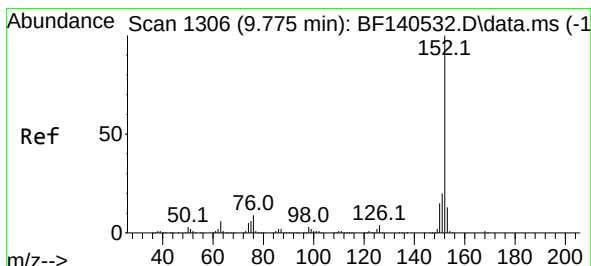
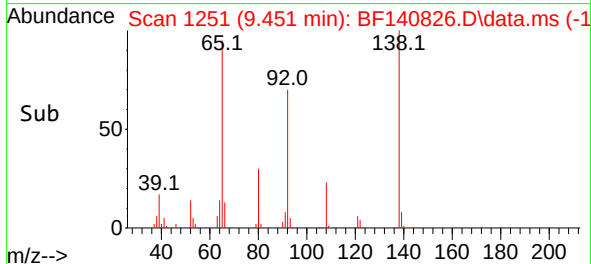
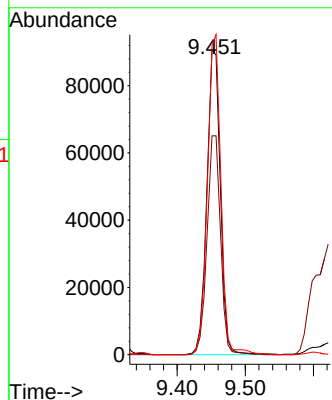
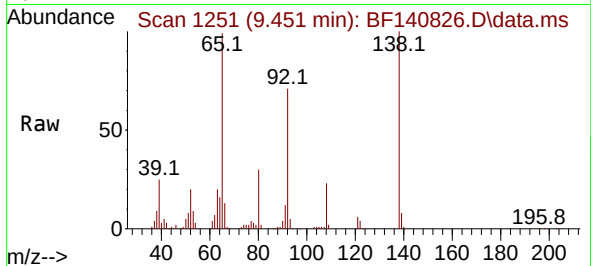




#48
2-Nitroaniline
Concen: 50.093 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

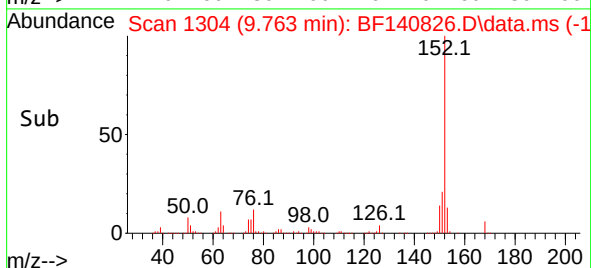
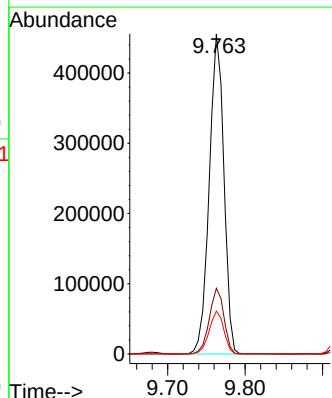
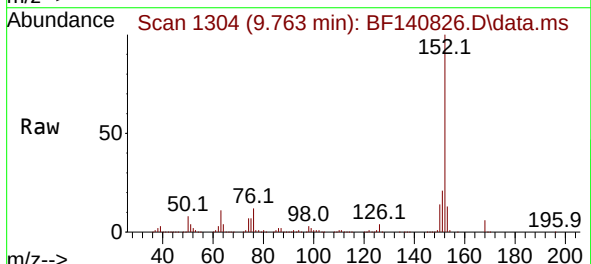
Instrument :
BNA_F
ClientSampleId :
PB165479BS

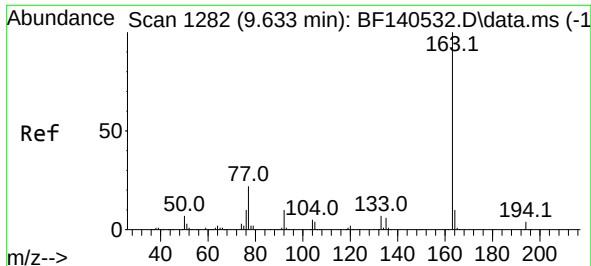
Tgt Ion: 65 Resp: 125300
Ion Ratio Lower Upper
65 100
92 71.8 56.1 84.1
138 101.3 81.0 121.6



#49
Acenaphthylene
Concen: 50.742 ng
RT: 9.763 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 152 Resp: 597448
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.4 10.6 16.0

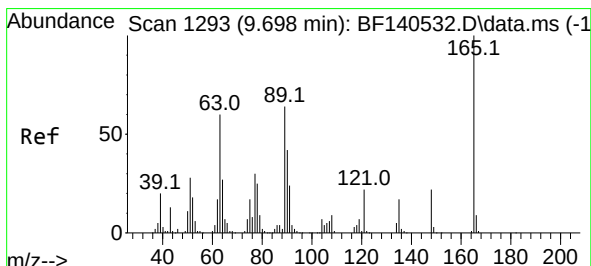
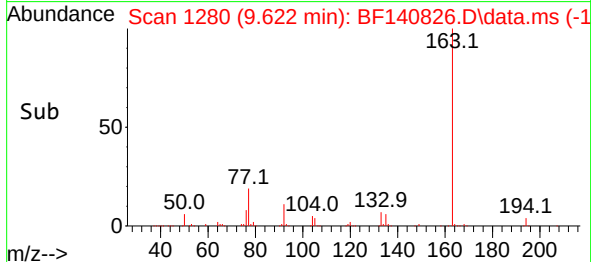
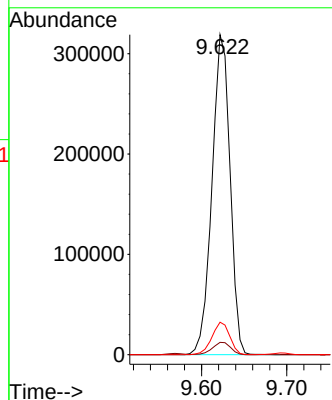
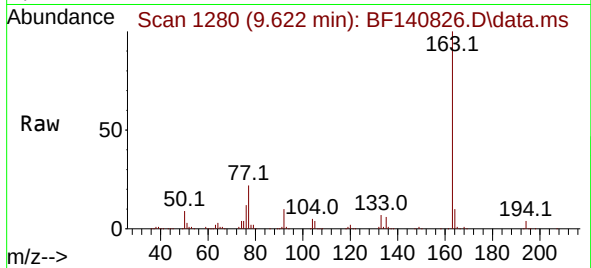




#50
Dimethylphthalate
Concen: 51.745 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

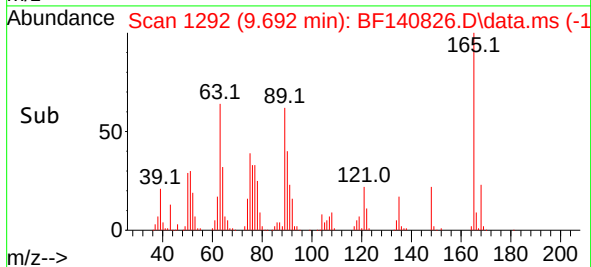
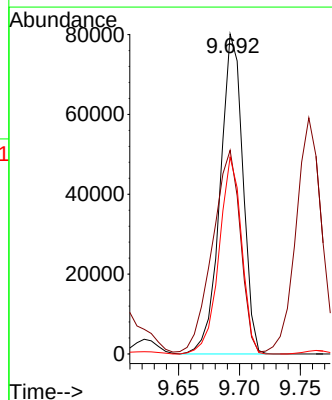
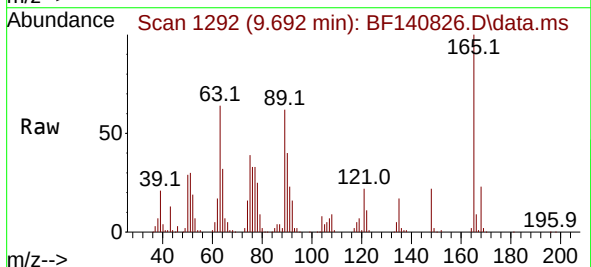
Instrument :
BNA_F
ClientSampleId :
PB165479BS

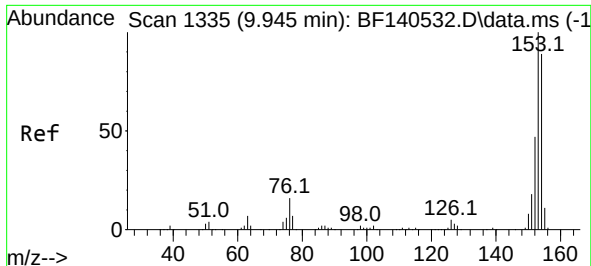
Tgt Ion:163 Resp: 469434
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 50.493 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:165 Resp: 103889
Ion Ratio Lower Upper
165 100
63 63.6 49.9 74.9
89 61.6 50.9 76.3

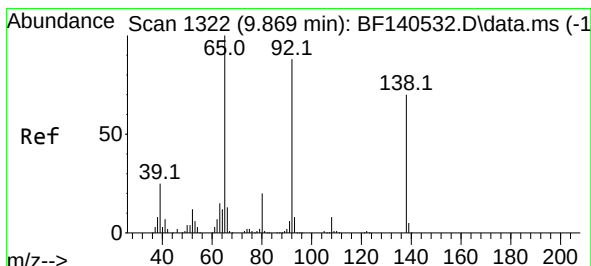
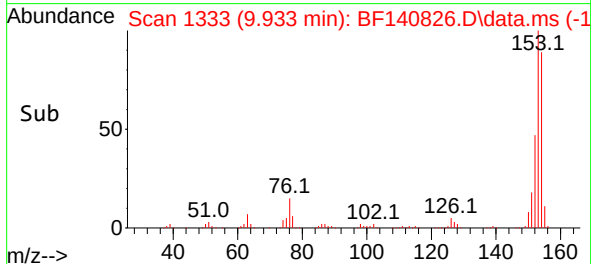
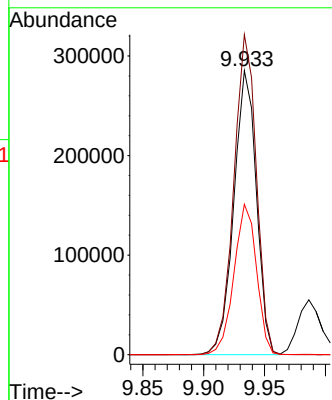
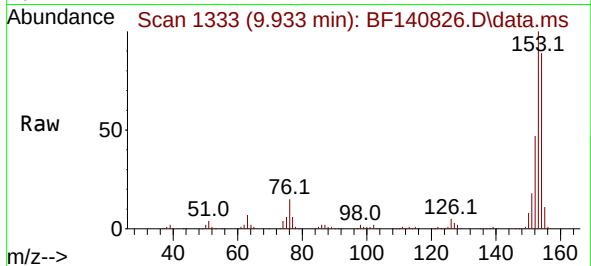




#52
Acenaphthene
Concen: 49.344 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

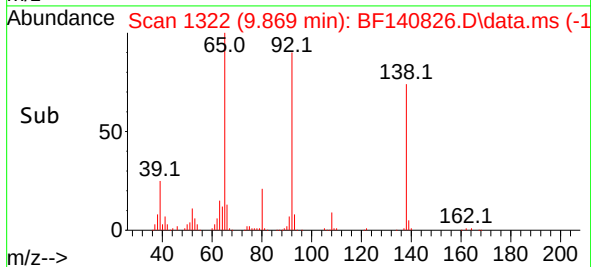
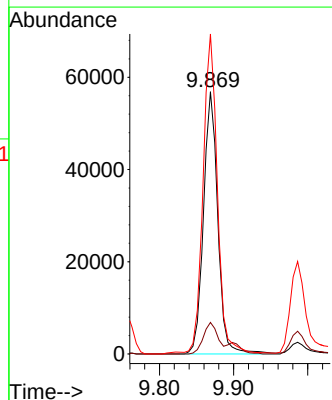
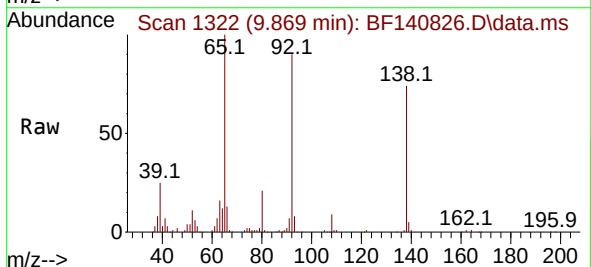
Instrument :
BNA_F
ClientSampleId :
PB165479BS

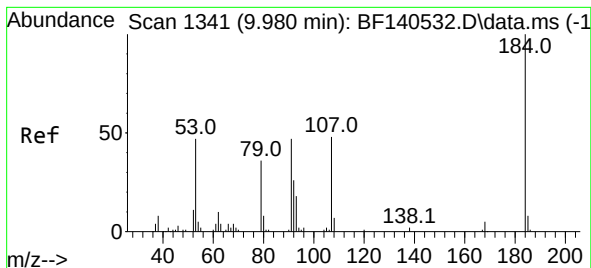
Tgt Ion:154 Resp: 369158
Ion Ratio Lower Upper
154 100
153 112.7 89.7 134.5
152 53.0 42.5 63.7



#53
3-Nitroaniline
Concen: 38.156 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:138 Resp: 76783
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 122.0 100.6 150.8





#54

2,4-Dinitrophenol

Concen: 106.490 ng

RT: 9.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

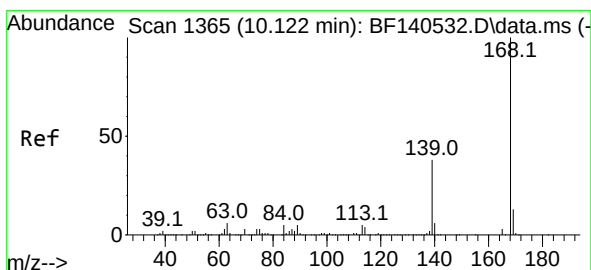
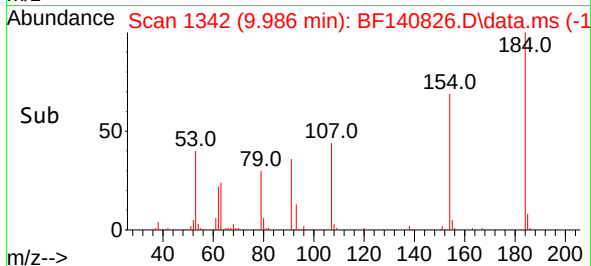
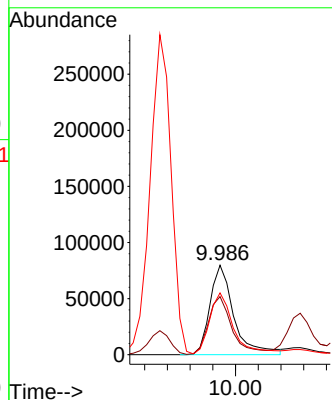
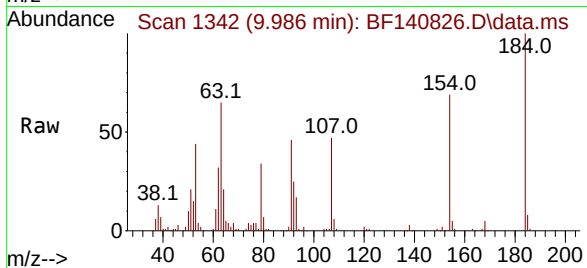
Tgt Ion:184 Resp: 116534

Ion Ratio Lower Upper

184 100

63 64.9 54.1 81.1

154 69.1 57.4 86.0



#55

Dibenzofuran

Concen: 50.093 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

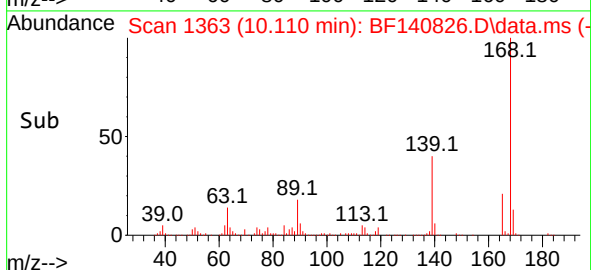
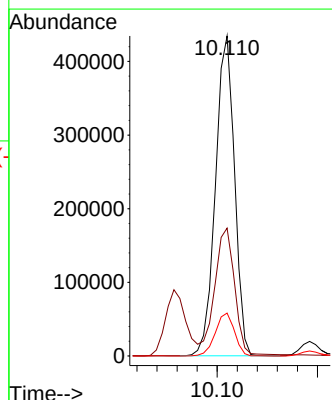
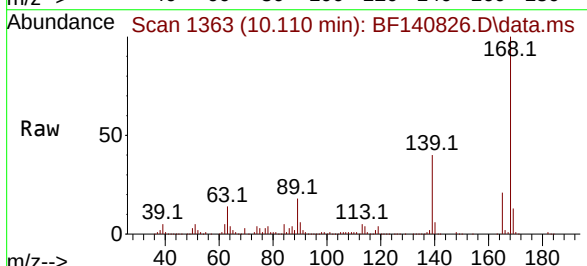
Tgt Ion:168 Resp: 571627

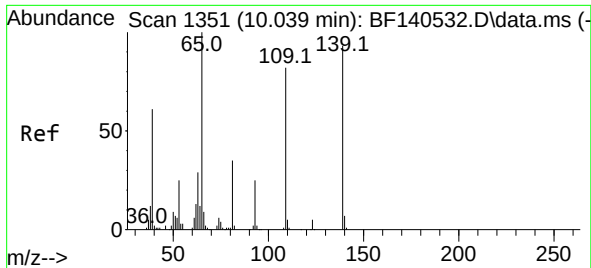
Ion Ratio Lower Upper

168 100

139 39.9 31.3 46.9

169 13.4 10.5 15.7

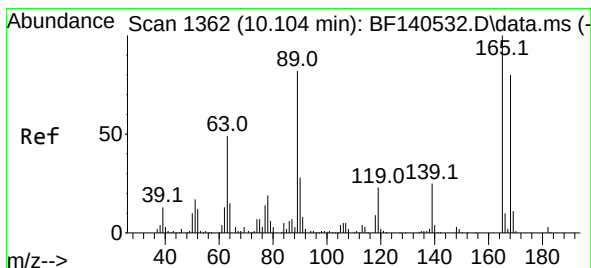
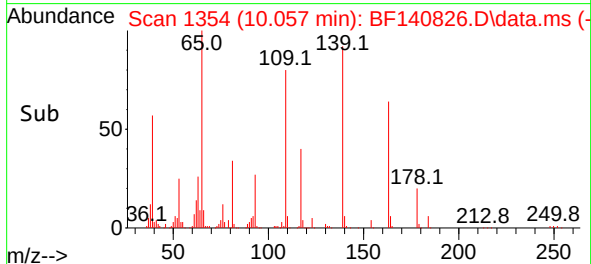
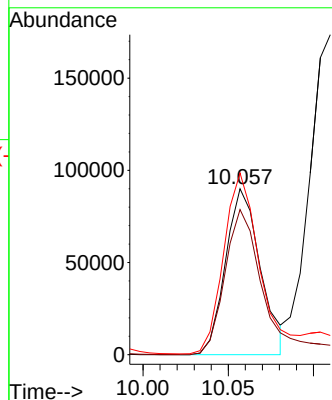
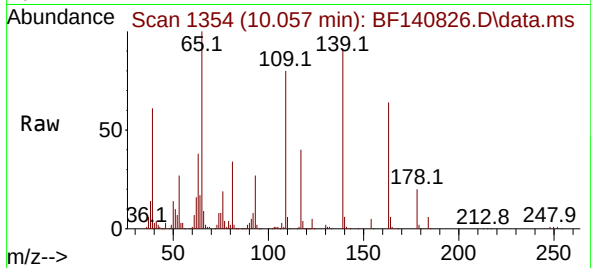




#56
4-Nitrophenol
Concen: 93.114 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

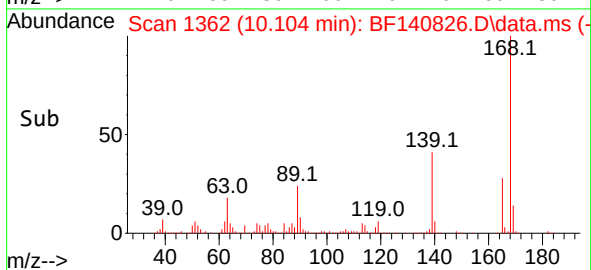
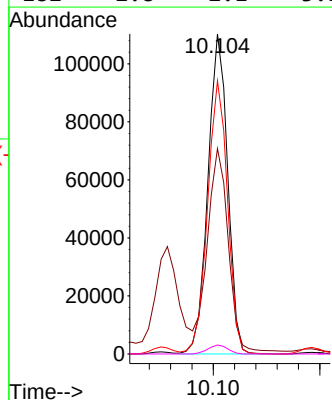
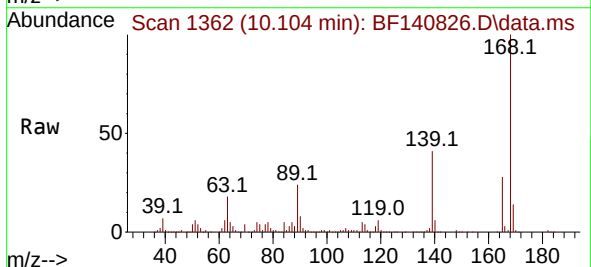
Instrument :
BNA_F
ClientSampleId :
PB165479BS

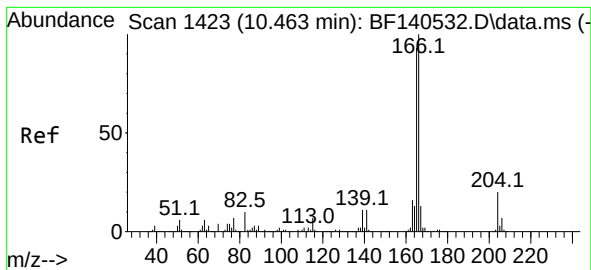
Tgt Ion:139 Resp: 127790
Ion Ratio Lower Upper
139 100
109 87.5 68.4 108.4
65 109.4 88.6 128.6



#57
2,4-Dinitrotoluene
Concen: 51.926 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:165 Resp: 141990
Ion Ratio Lower Upper
165 100
63 64.2 41.7 62.5#
89 85.4 65.8 98.8
182 2.8 2.1 3.1





#58

Fluorene

Concen: 51.709 ng

RT: 10.451 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

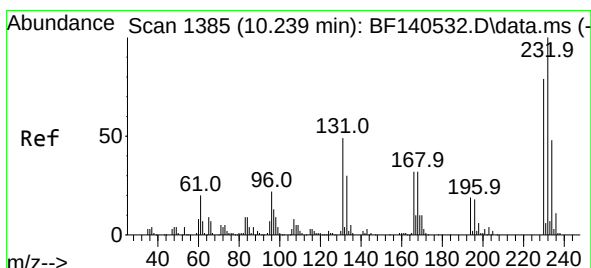
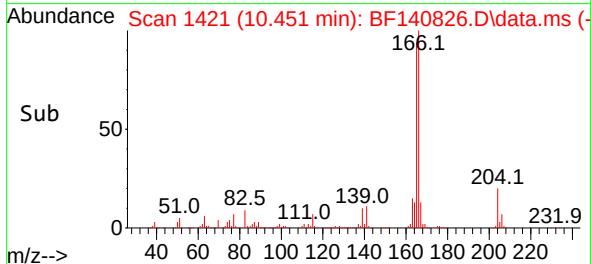
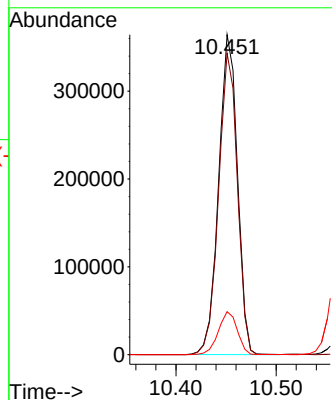
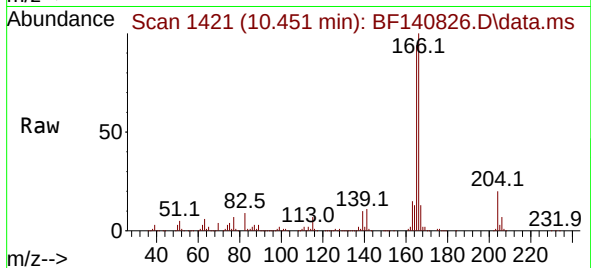
Tgt Ion:166 Resp: 473633

Ion Ratio Lower Upper

166 100

165 94.2 74.6 111.8

167 13.5 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 59.243 ng

RT: 10.233 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Tgt Ion:232 Resp: 125036

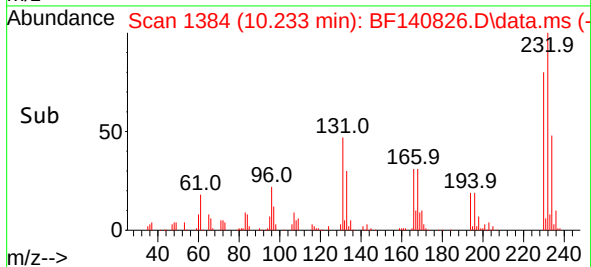
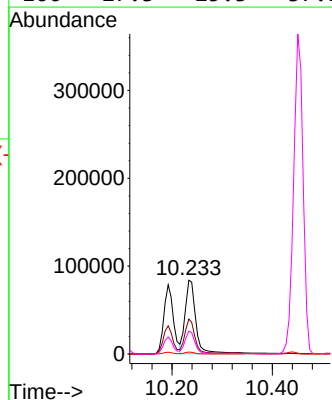
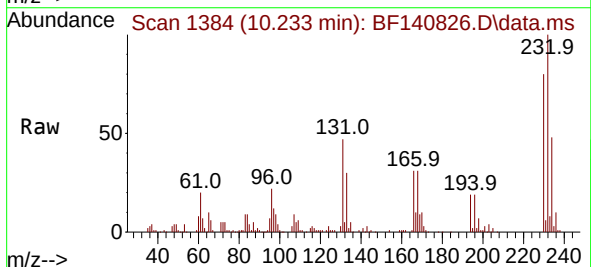
Ion Ratio Lower Upper

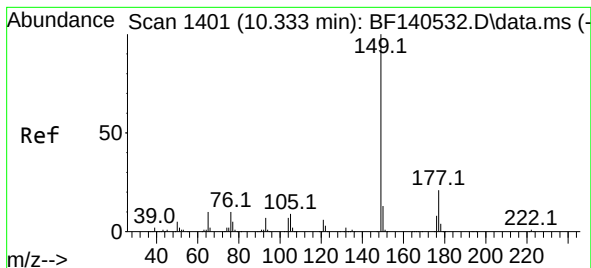
232 100

131 43.4 39.6 59.4

130 2.4 1.9 2.9

166 27.3 25.3 37.9





#60

Diethylphthalate

Concen: 52.481 ng

RT: 10.322 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

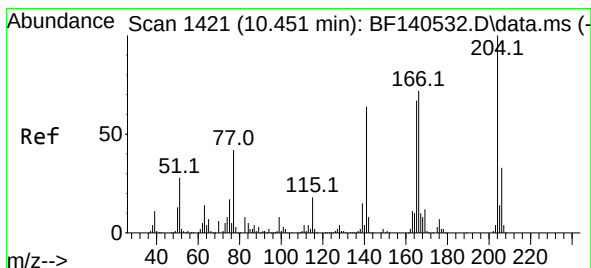
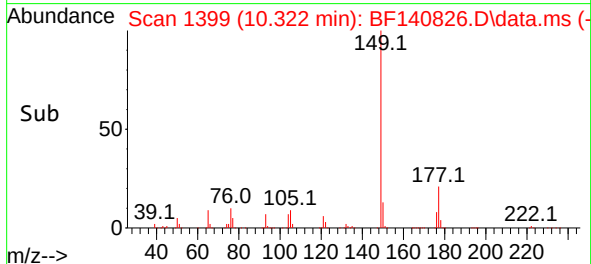
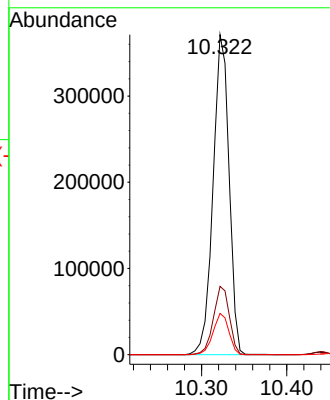
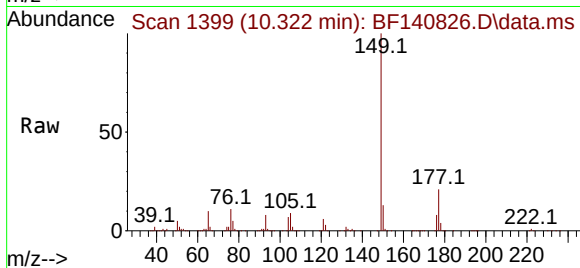
Tgt Ion:149 Resp: 483738

Ion Ratio Lower Upper

149 100

177 21.3 17.1 25.7

150 12.9 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 51.699 ng

RT: 10.439 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

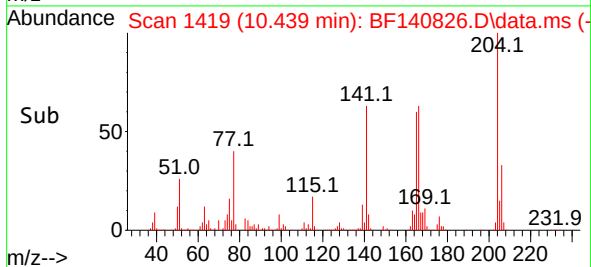
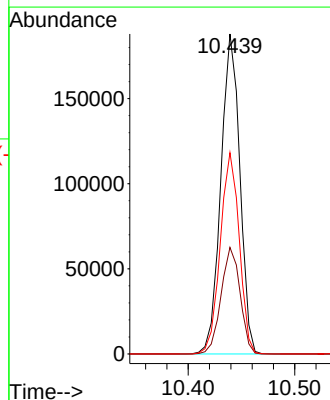
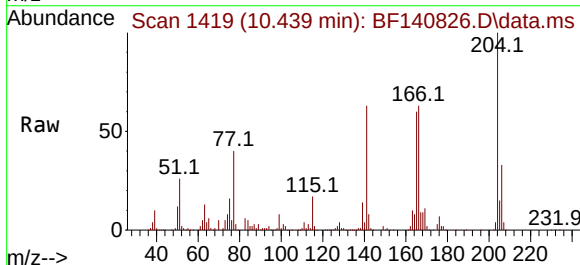
Tgt Ion:204 Resp: 232395

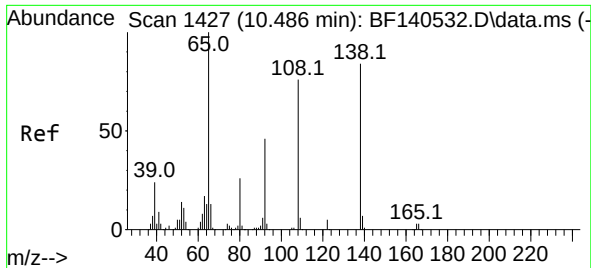
Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

141 62.9 51.1 76.7

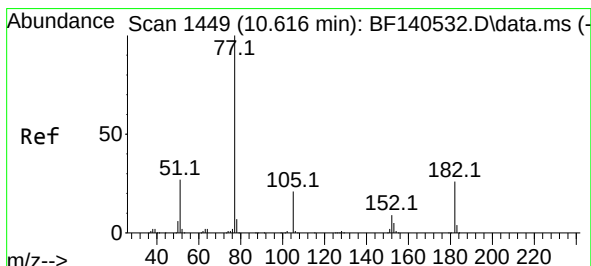
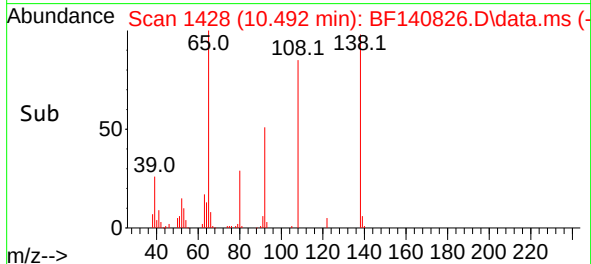
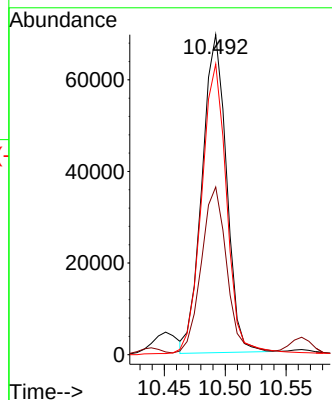
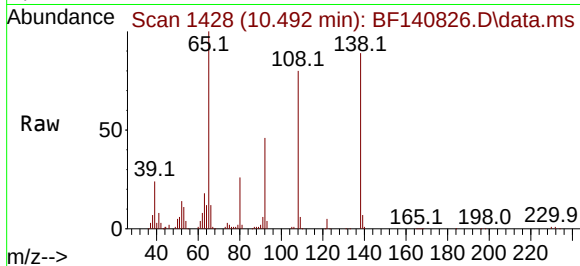




#62
4-Nitroaniline
Concen: 45.916 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

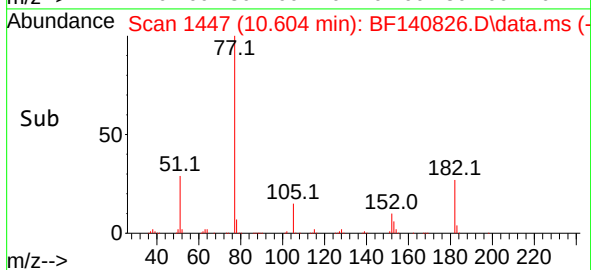
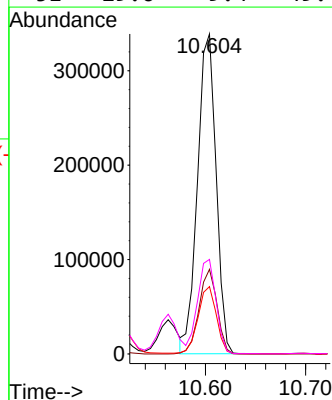
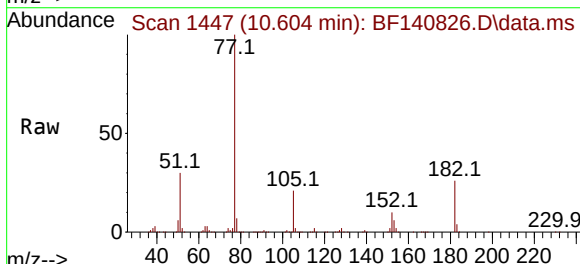
Instrument :
BNA_F
ClientSampleId :
PB165479BS

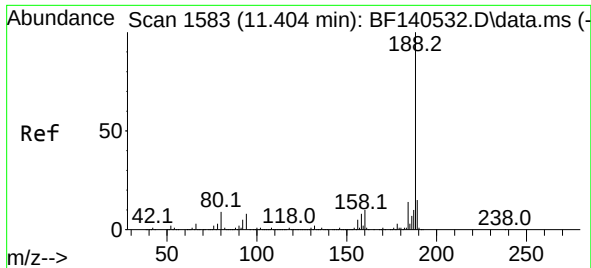
Tgt Ion:138 Resp: 96909
Ion Ratio Lower Upper
138 100
92 52.4 34.5 74.5
108 90.9 70.6 110.6



#63
Azobenzene
Concen: 49.975 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion: 77 Resp: 436222
Ion Ratio Lower Upper
77 100
182 26.5 5.3 45.3
105 21.0 0.3 40.3
51 29.6 9.4 49.4

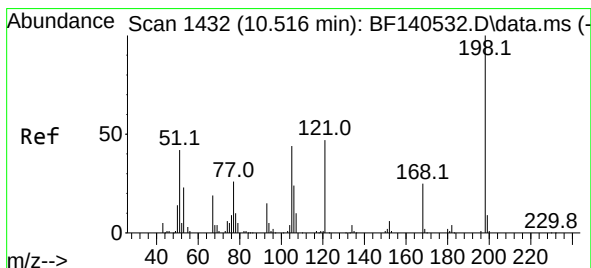
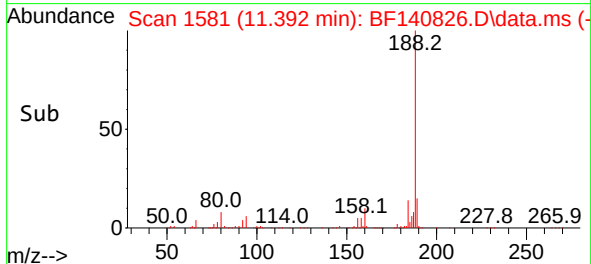
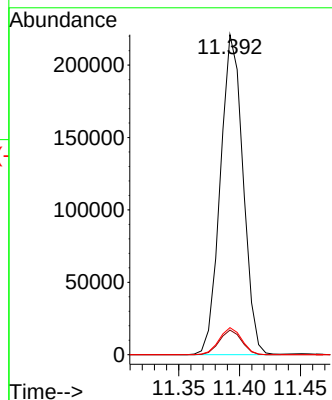
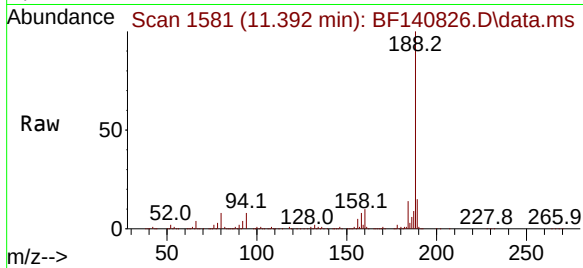




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

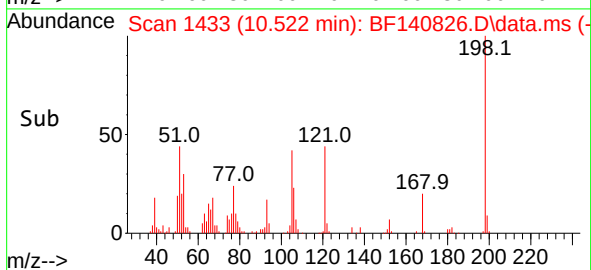
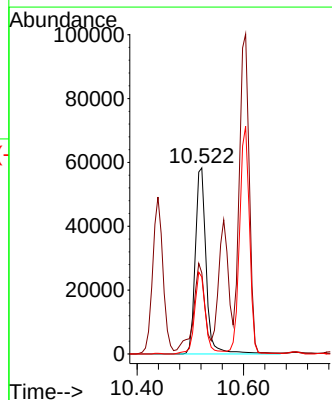
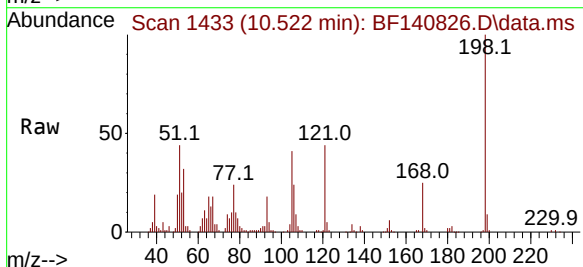
Instrument :
BNA_F
ClientSampleId :
PB165479BS

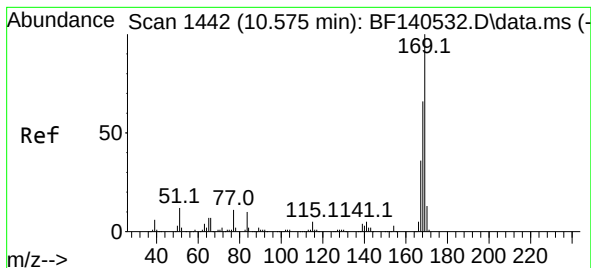
Tgt Ion:188 Resp: 286980
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 6.9 10.3



#65
4,6-Dinitro-2-methylphenol
Concen: 56.451 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:198 Resp: 82784
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 41.3 25.4 65.4

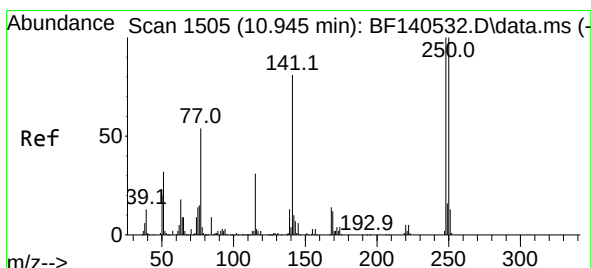
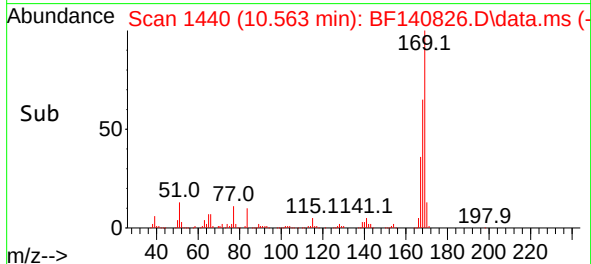
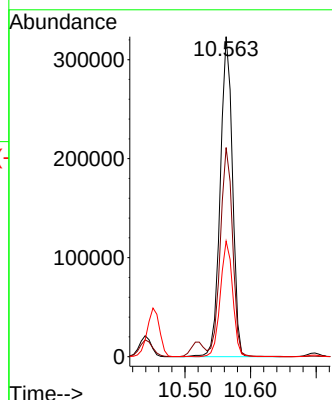
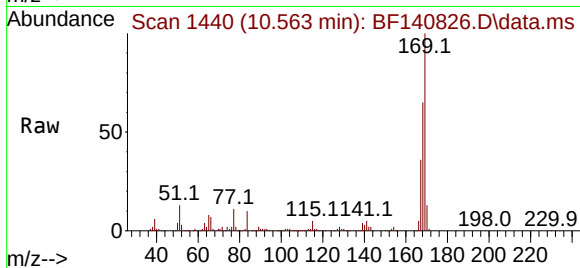




#66
n-Nitrosodiphenylamine
Concen: 49.008 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

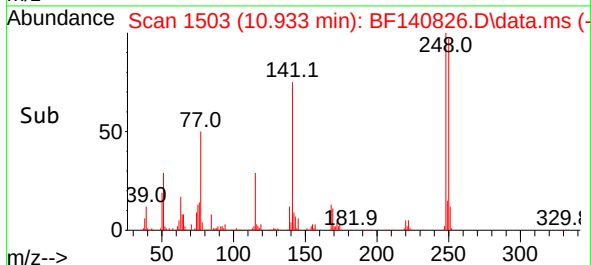
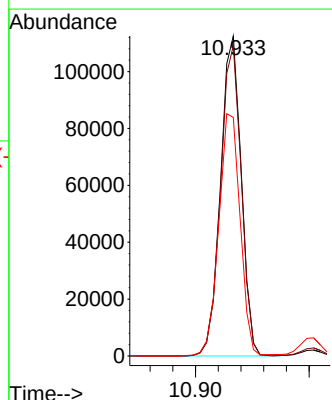
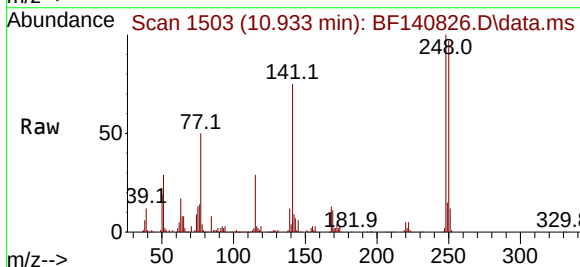
Instrument :
BNA_F
ClientSampleId :
PB165479BS

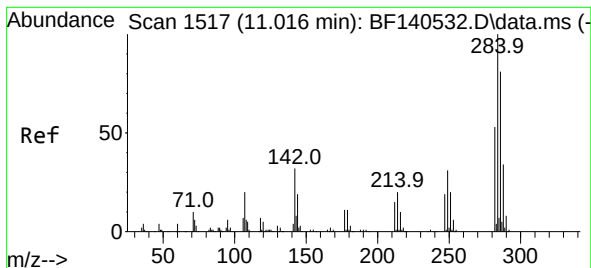
Tgt Ion:169 Resp: 415915
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 36.1 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 48.304 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:248 Resp: 142761
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 74.5 64.7 97.1





#68

Hexachlorobenzene

Concen: 46.943 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

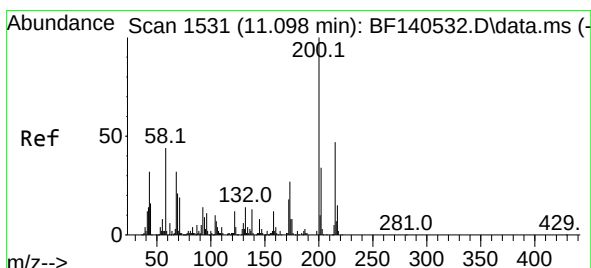
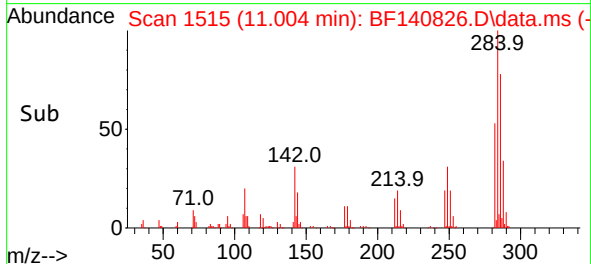
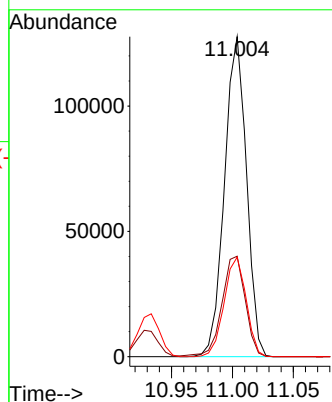
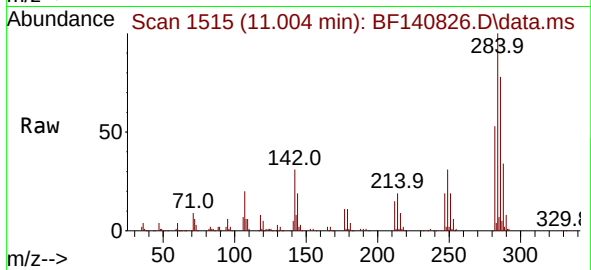
Tgt Ion:284 Resp: 160645

Ion Ratio Lower Upper

284 100

142 31.4 25.3 37.9

249 31.1 24.8 37.2



#69

Atrazine

Concen: 53.530 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

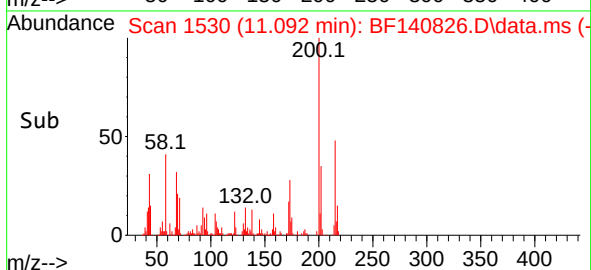
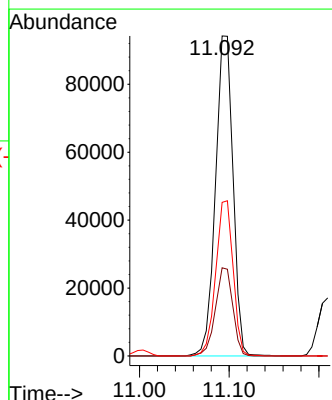
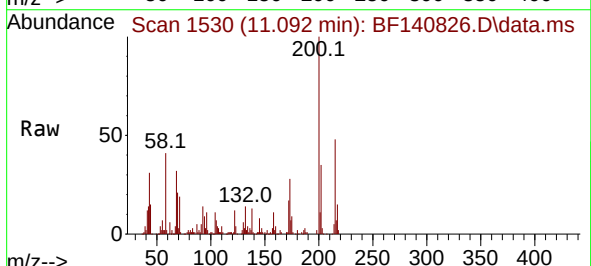
Tgt Ion:200 Resp: 127803

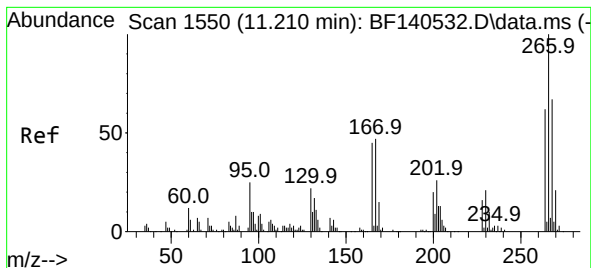
Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 48.0 26.7 66.7





#70

Pentachlorophenol

Concen: 89.850 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

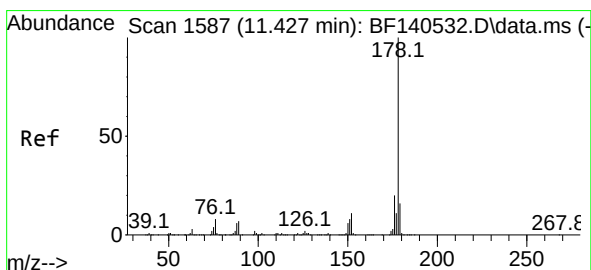
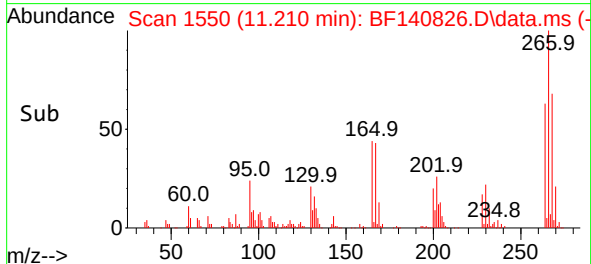
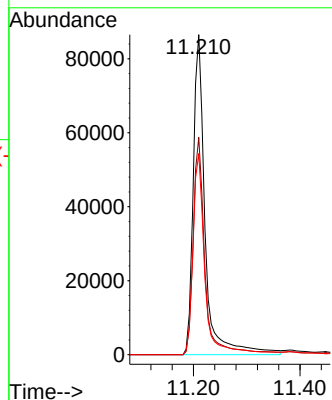
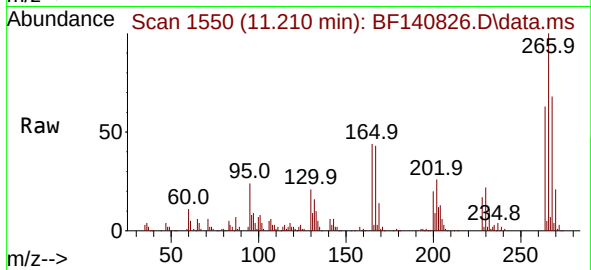
Tgt Ion:266 Resp: 135328

Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

264 62.8 49.8 74.8



#71

Phenanthrene

Concen: 50.212 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

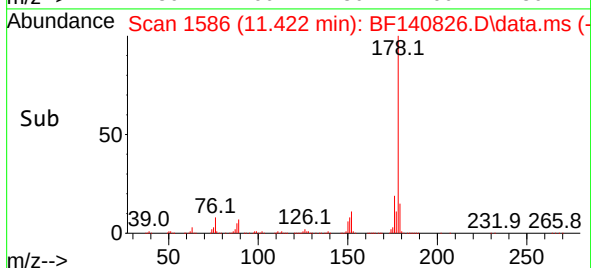
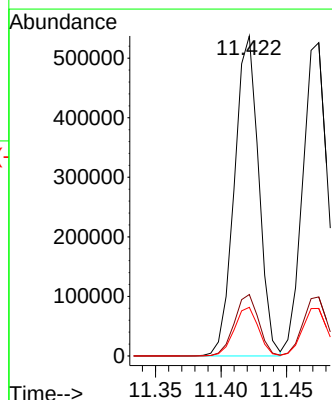
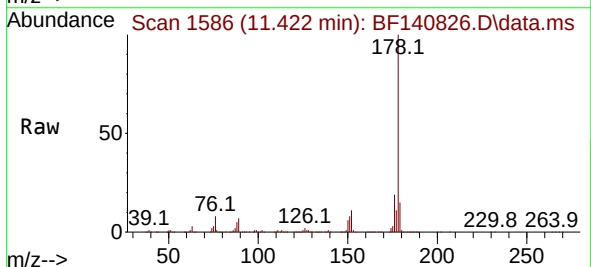
Tgt Ion:178 Resp: 692667

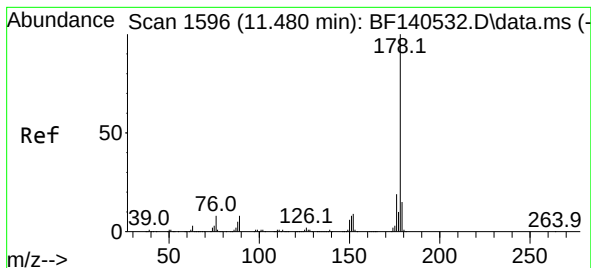
Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.2 12.4 18.6





#72

Anthracene

Concen: 51.127 ng

RT: 11.474 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

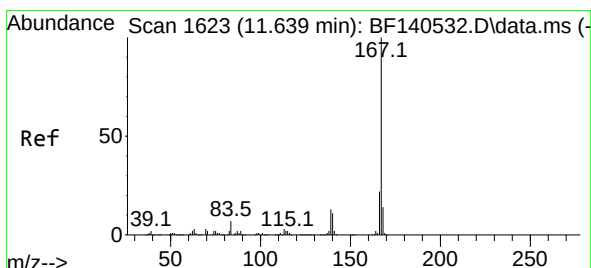
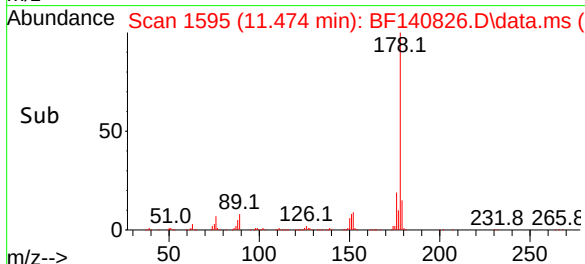
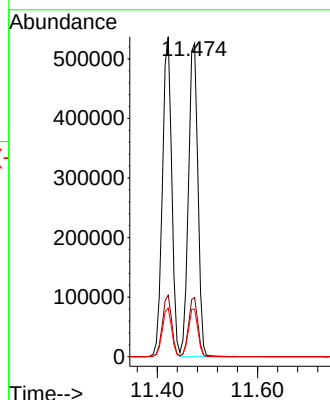
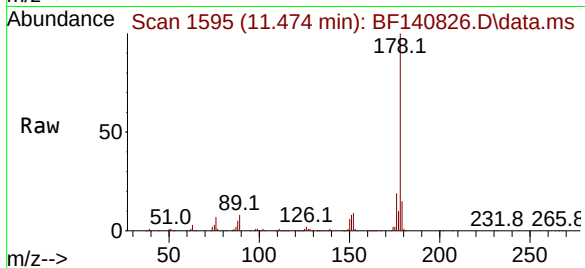
Tgt Ion:178 Resp: 689907

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.2 12.2 18.4



#73

Carbazole

Concen: 50.934 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

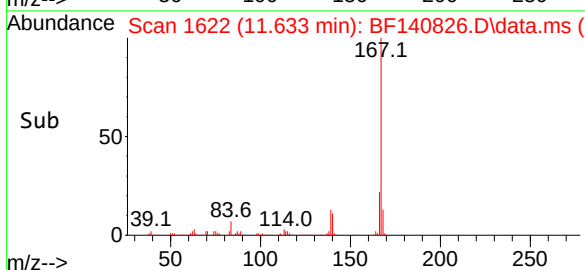
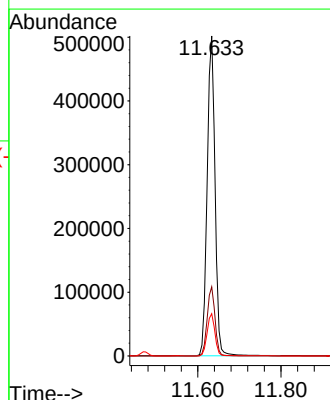
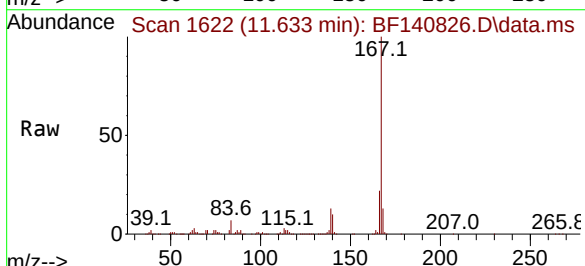
Tgt Ion:167 Resp: 661186

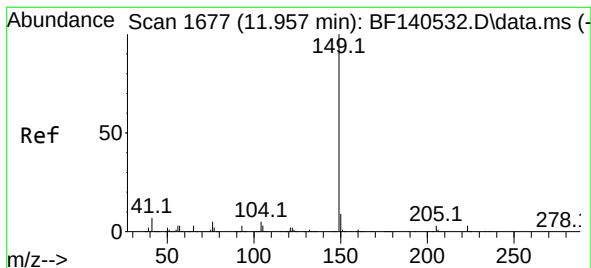
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.2 10.6 15.8





#74

Di-n-butylphthalate

Concen: 51.679 ng

RT: 11.945 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

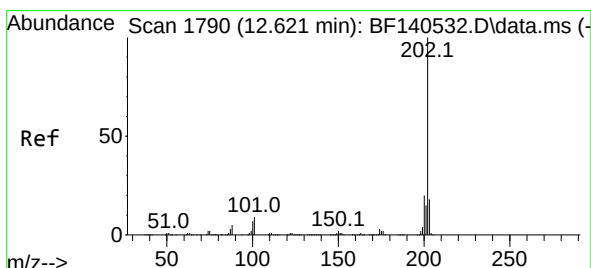
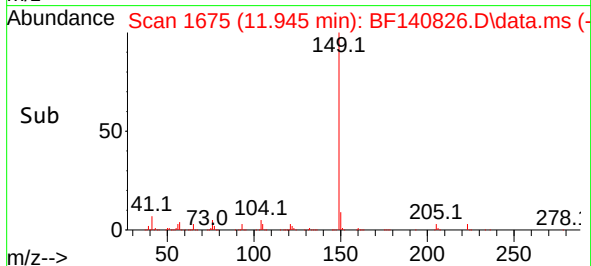
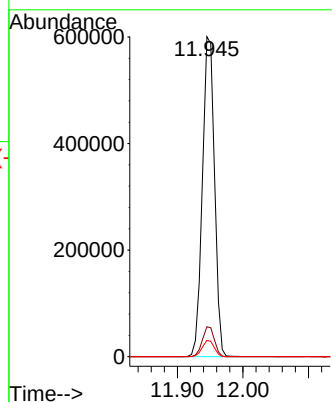
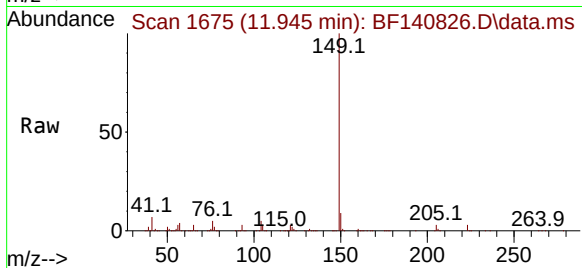
Tgt Ion:149 Resp: 774504

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1



#75

Fluoranthene

Concen: 52.116 ng

RT: 12.610 min Scan# 1788

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

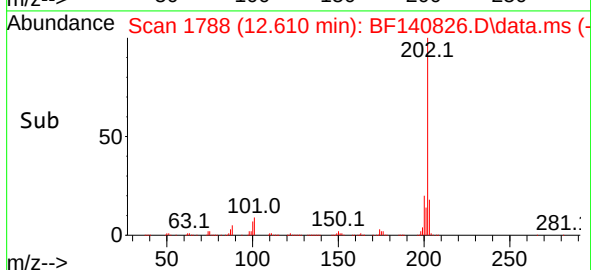
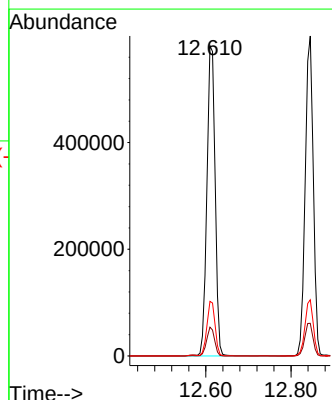
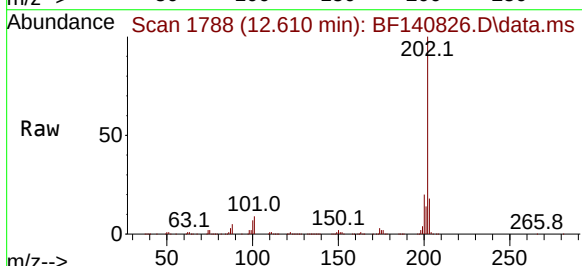
Tgt Ion:202 Resp: 780578

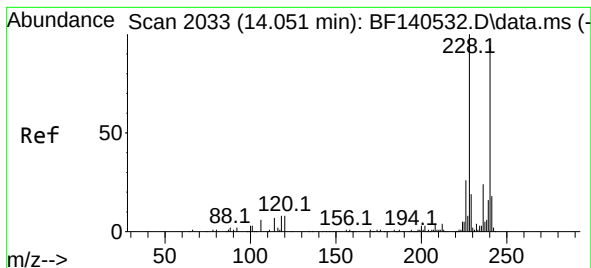
Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

203 17.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

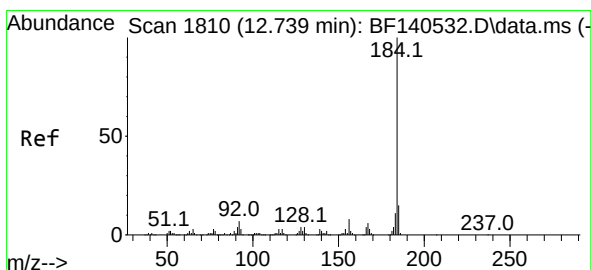
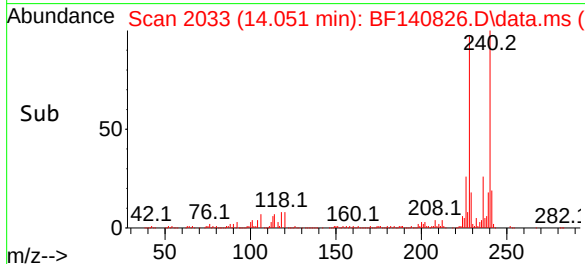
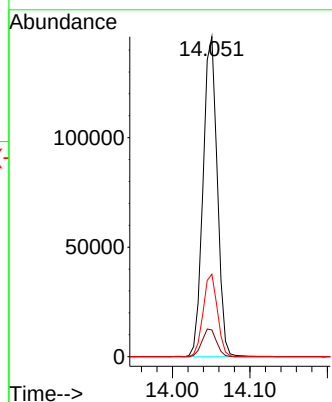
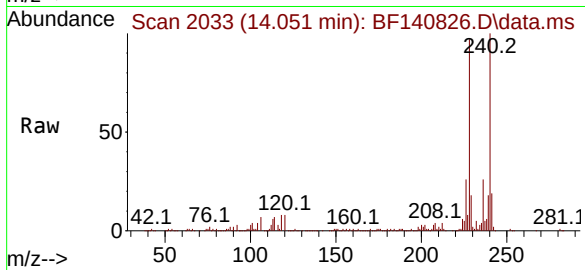
Tgt Ion:240 Resp: 186089

Ion Ratio Lower Upper

240 100

120 8.3 7.3 10.9

236 25.8 20.6 31.0



#77

Benzidine

Concen: 13.286 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

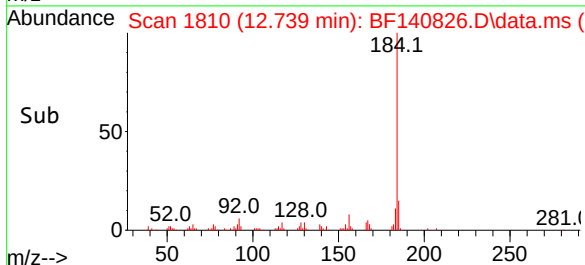
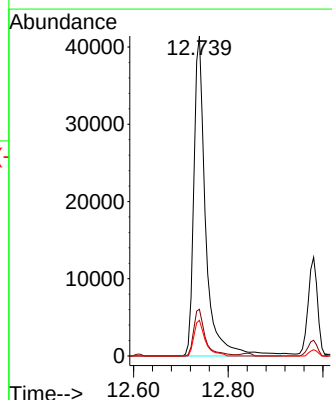
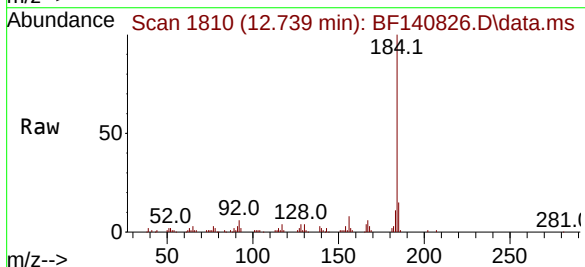
Tgt Ion:184 Resp: 71882

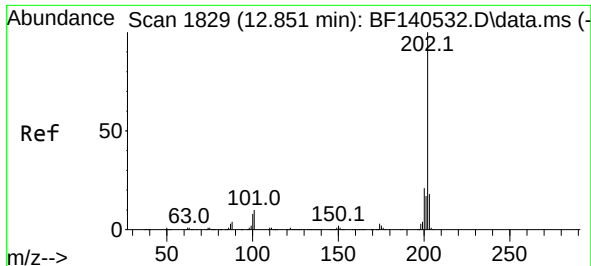
Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.1 8.8 13.2

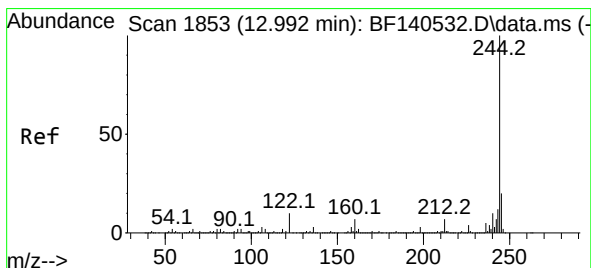
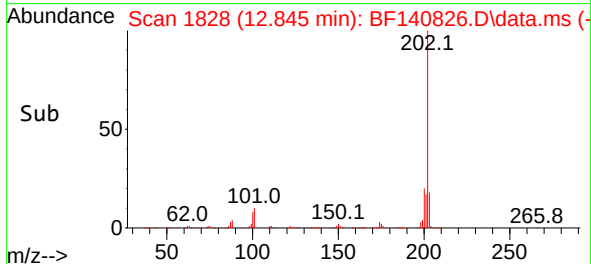
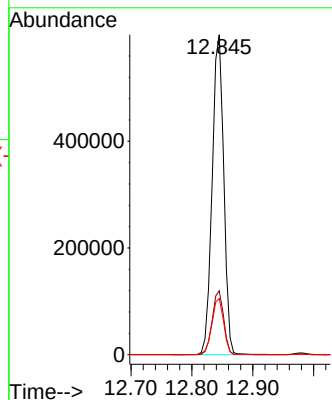
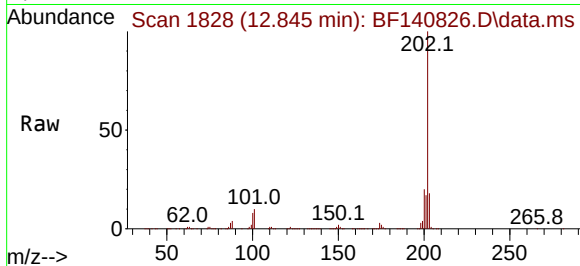




#78
Pyrene
Concen: 46.014 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

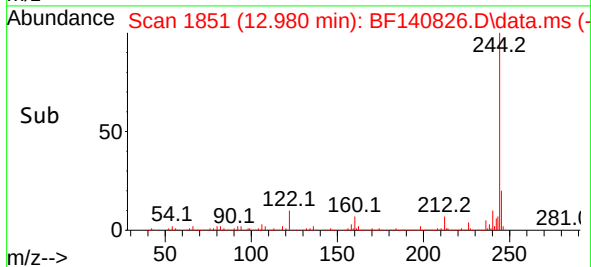
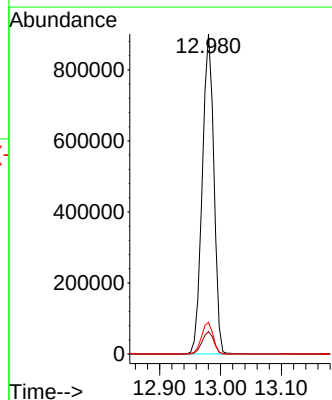
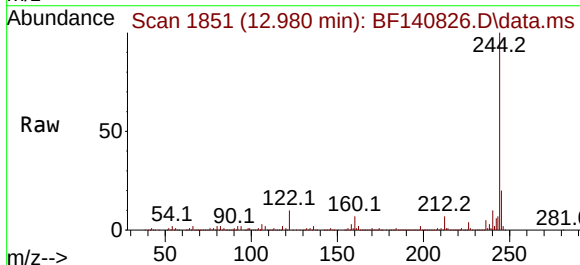
Instrument :
BNA_F
ClientSampleId :
PB165479BS

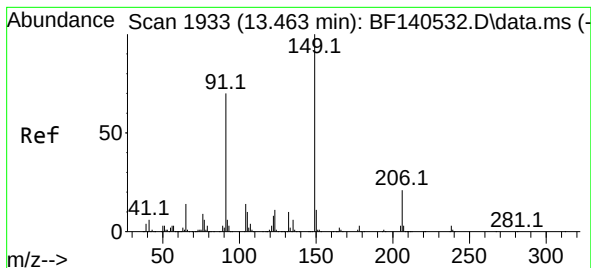
Tgt Ion:202 Resp: 791731
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.6 14.2 21.4



#79
Terphenyl-d14
Concen: 99.627 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140826.D
Acq: 11 Dec 2024 13:50

Tgt Ion:244 Resp: 1190614
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.9 8.0 12.0





#80

Butylbenzylphthalate

Concen: 49.095 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

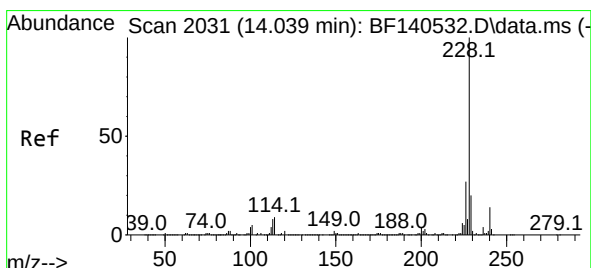
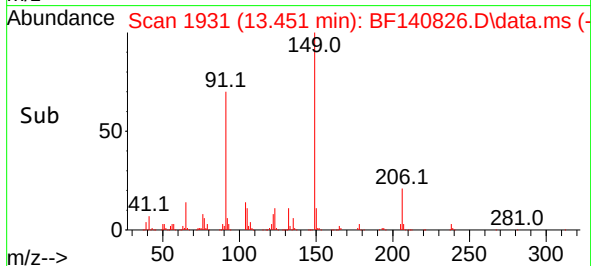
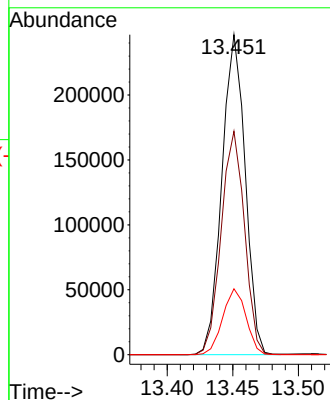
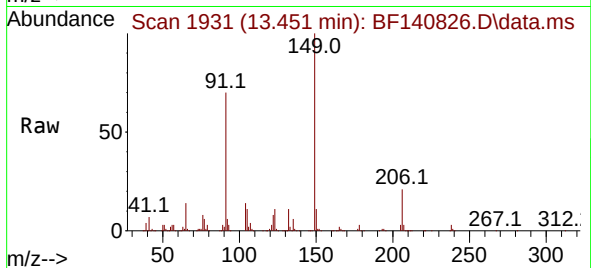
Tgt Ion:149 Resp: 304308

Ion Ratio Lower Upper

149 100

91 69.8 56.2 84.2

206 20.6 16.4 24.6



#81

Benzo(a)anthracene

Concen: 50.841 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

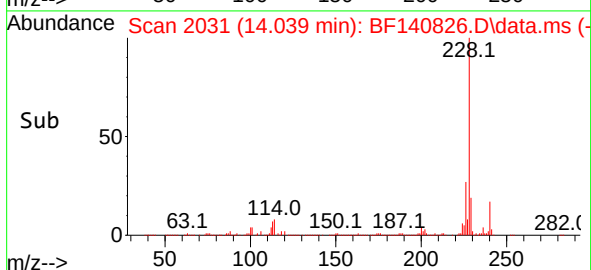
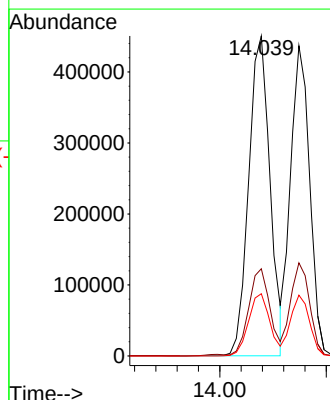
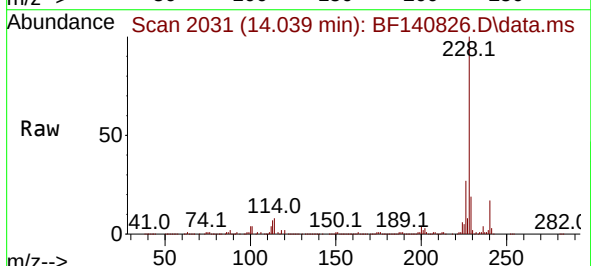
Tgt Ion:228 Resp: 626272

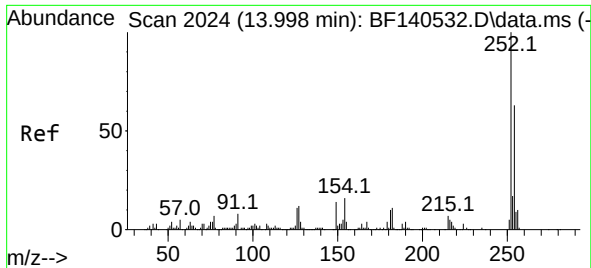
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

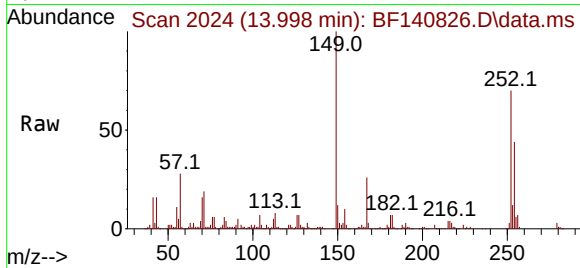
229 19.5 15.8 23.6



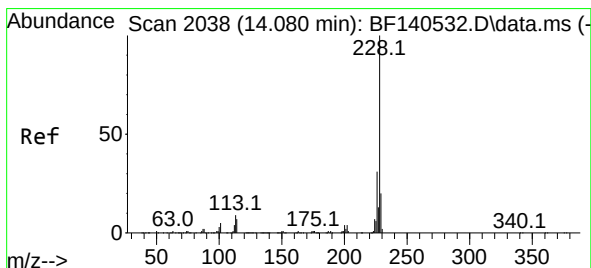
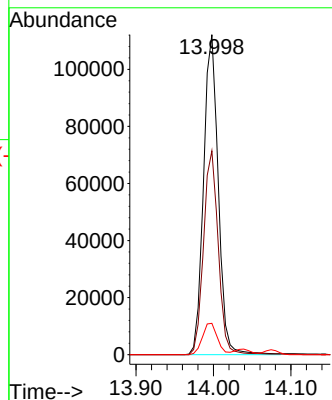
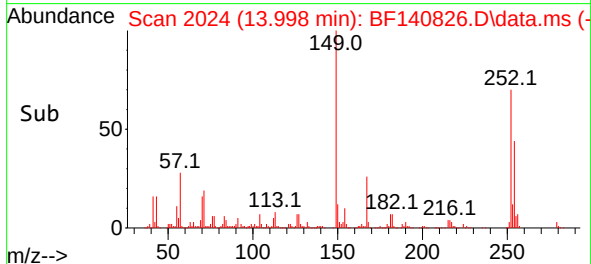


#82
 3,3'-Dichlorobenzidine
 Concen: 40.007 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

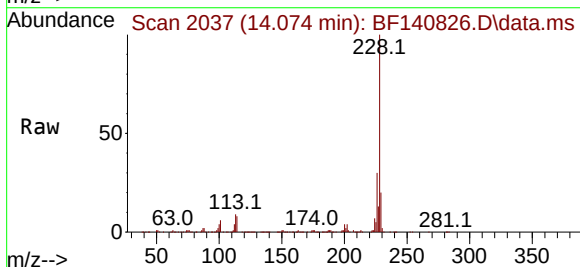
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS



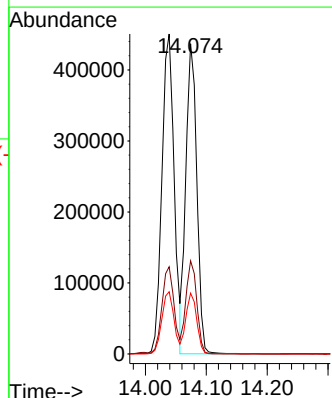
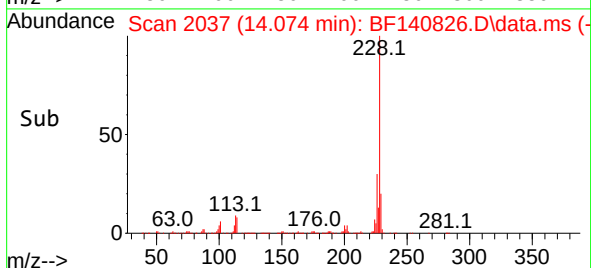
Tgt Ion:252 Resp: 147964
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.8 76.2
 126 9.8 8.6 13.0

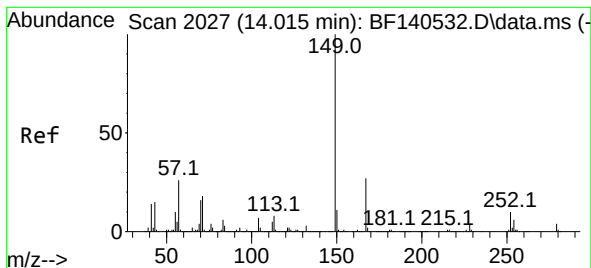


#83
 Chrysene
 Concen: 48.510 ng
 RT: 14.074 min Scan# 2037
 Delta R.T. -0.006 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50



Tgt Ion:228 Resp: 546406
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 19.6 15.8 23.6

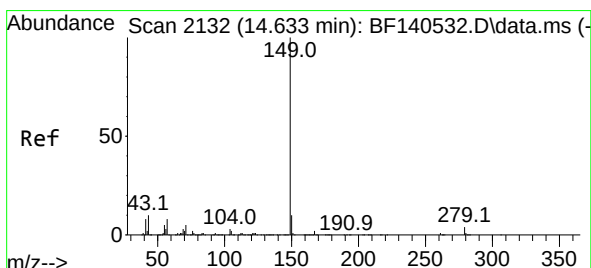
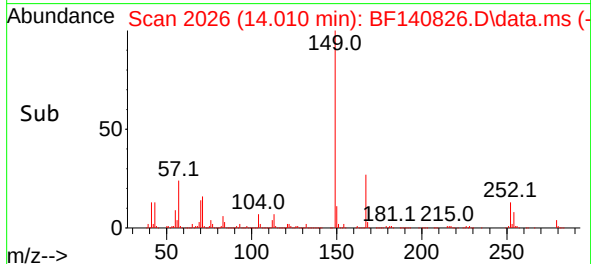
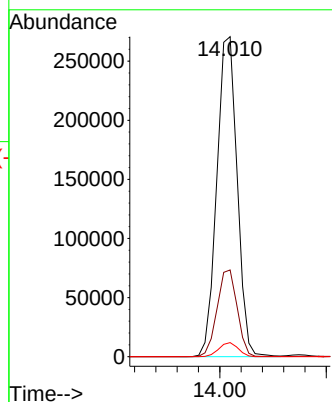
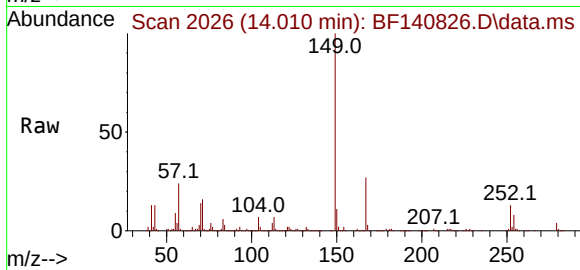




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.818 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

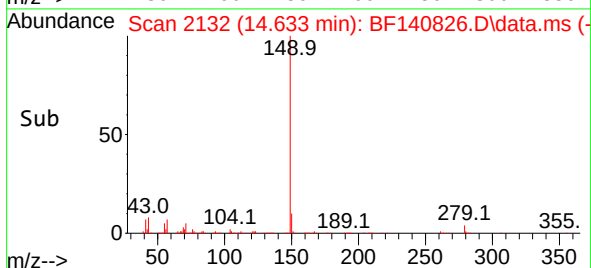
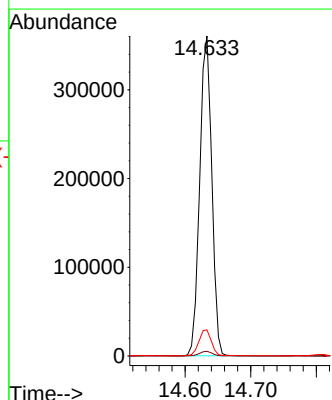
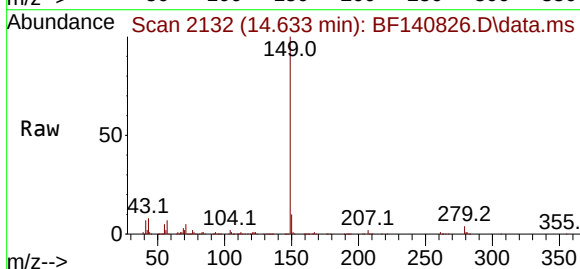
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

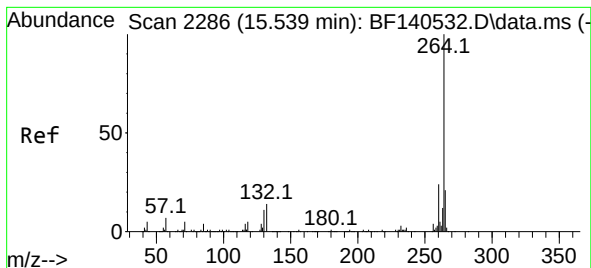
Tgt Ion:149 Resp: 358606
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 4.4 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 43.233 ng
 RT: 14.633 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

Tgt Ion:149 Resp: 462427
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.5 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

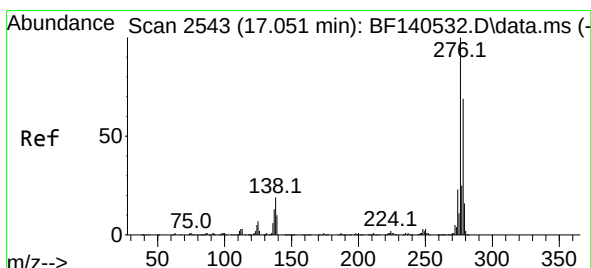
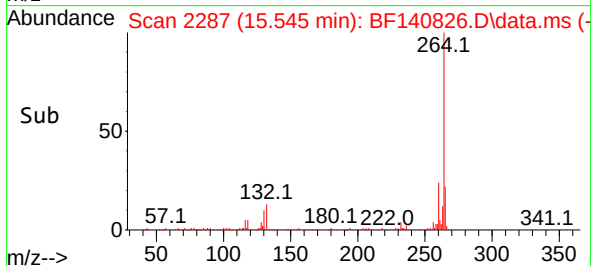
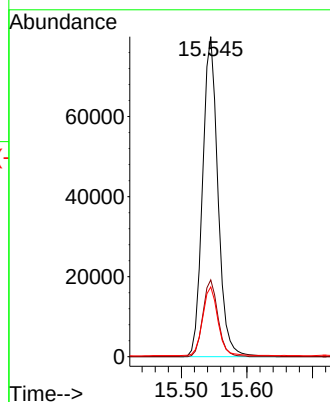
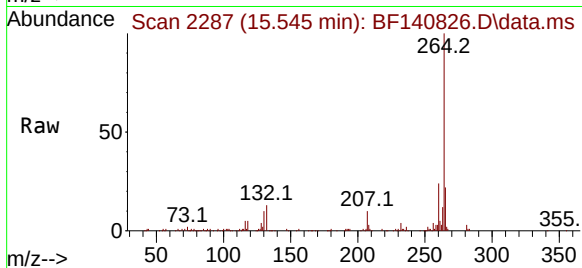
Tgt Ion:264 Resp: 130608

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.8 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 54.642 ng

RT: 17.068 min Scan# 2546

Delta R.T. 0.018 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

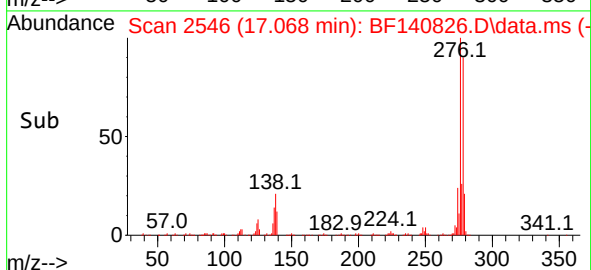
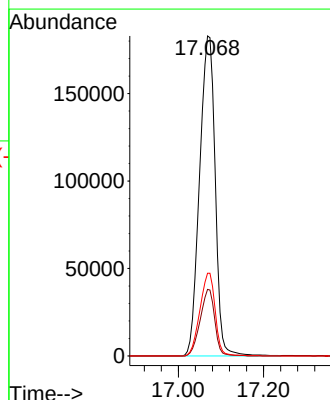
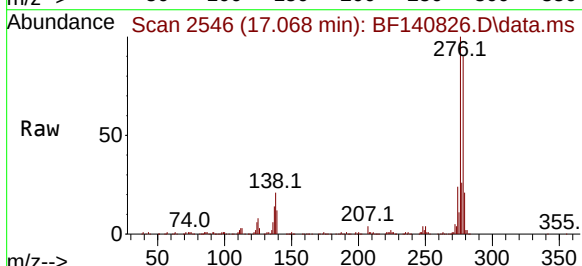
Tgt Ion:276 Resp: 465094

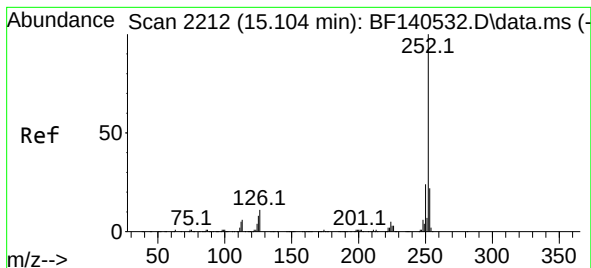
Ion Ratio Lower Upper

276 100

138 19.4 15.5 23.3

277 25.3 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 56.883 ng

RT: 15.110 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

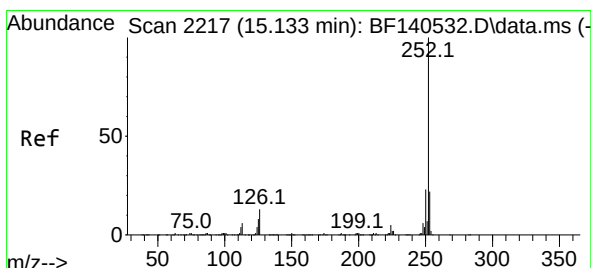
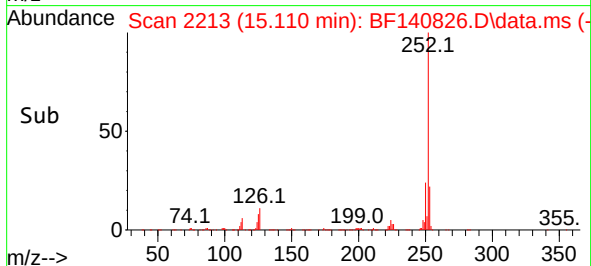
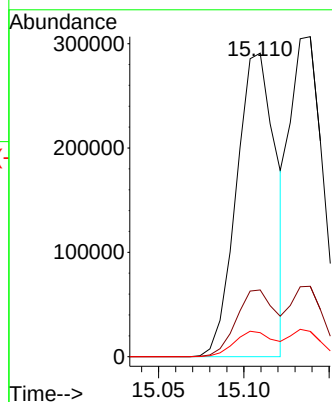
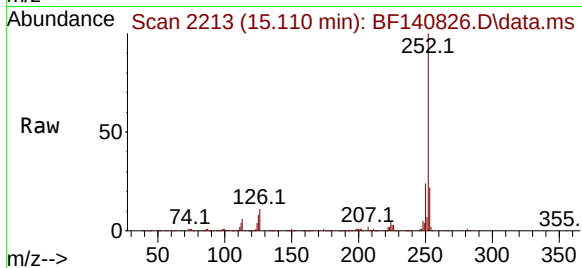
Tgt Ion:252 Resp: 466652

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 7.9 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 57.756 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

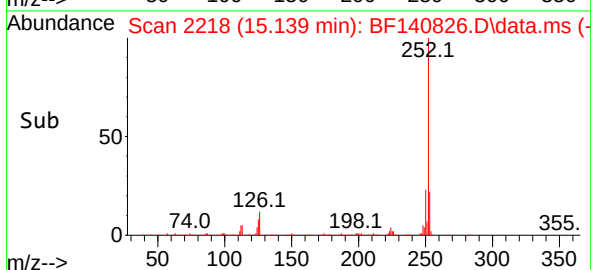
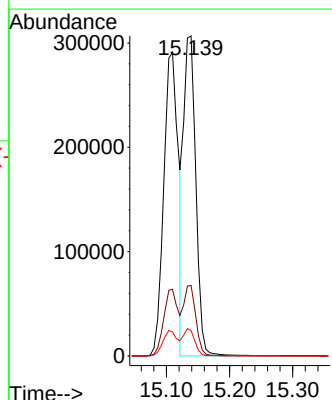
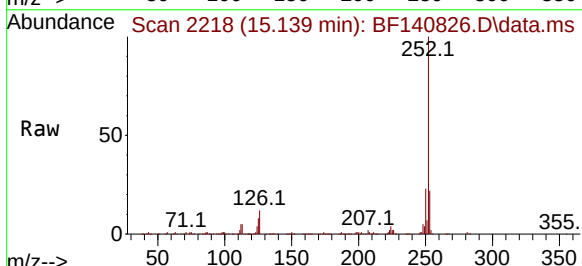
Tgt Ion:252 Resp: 414629

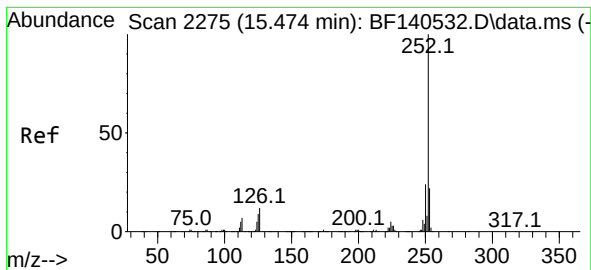
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.9 6.5 9.7





#90

Benzo(a)pyrene

Concen: 55.386 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB165479BS

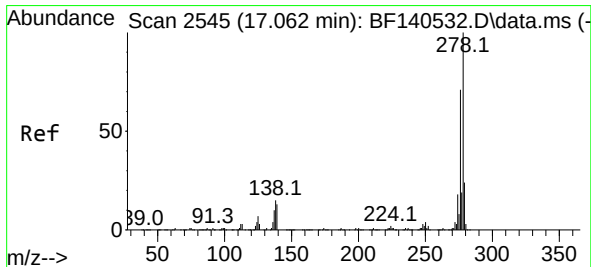
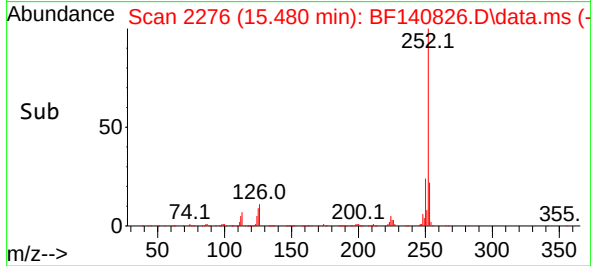
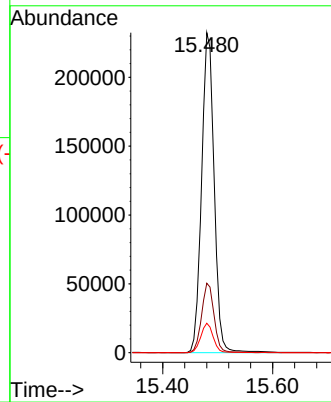
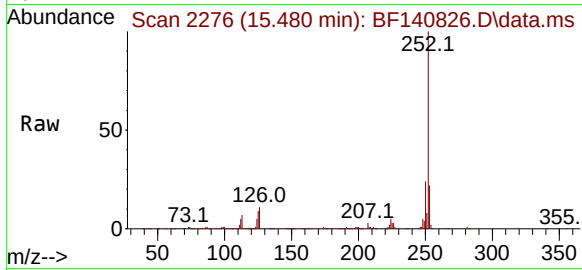
Tgt Ion:252 Resp: 369440

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.2 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 55.855 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.012 min

Lab File: BF140826.D

Acq: 11 Dec 2024 13:50

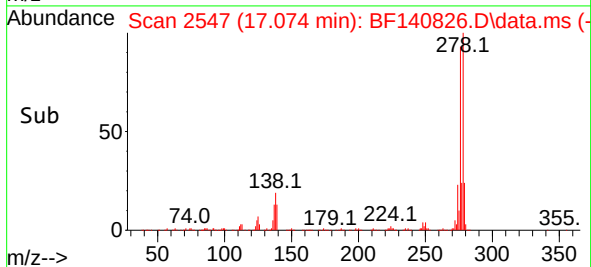
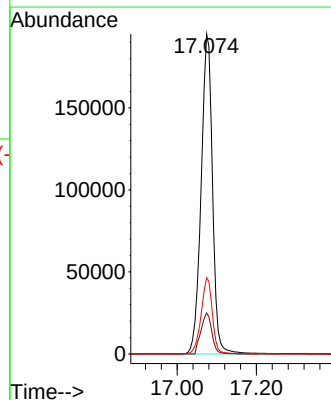
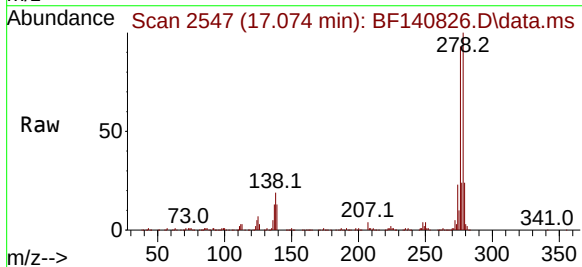
Tgt Ion:278 Resp: 389347

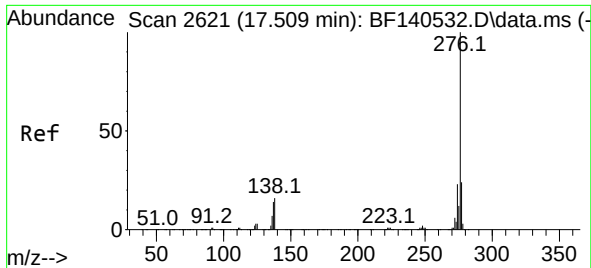
Ion Ratio Lower Upper

278 100

139 12.8 10.2 15.4

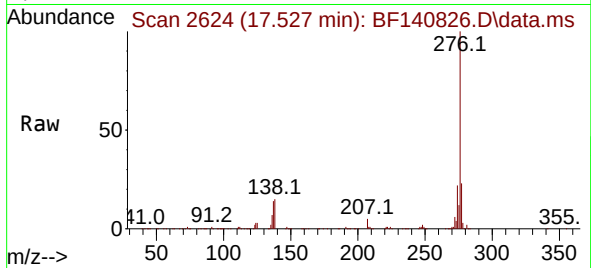
279 23.8 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 53.378 ng
 RT: 17.527 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF140826.D
 Acq: 11 Dec 2024 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS



Tgt Ion:276 Resp: 379688
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.9 28.3
 138 15.3 13.2 19.8

