

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139647.D
 Acq On : 04 Oct 2024 10:24
 Operator : RC/JU
 Sample : PB163883BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS

Quant Time: Oct 04 20:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93801	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	355027	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	196147	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	367991	20.000	ng	0.00
76) Chrysene-d12	14.027	240	195485	20.000	ng	0.00
86) Perylene-d12	15.492	264	202104	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	739658	136.673	ng	0.01
7) Phenol-d6	6.504	99	974483	133.898	ng	0.00
23) Nitrobenzene-d5	7.434	82	637473	90.910	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	255841	135.117	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1154929	90.393	ng	0.00
79) Terphenyl-d14	12.974	244	1174711	98.601	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.734	88	99104	42.356	ng 99
3) Pyridine	3.475	79	264987	46.567	ng 97
4) n-Nitrosodimethylamine	3.440	42	178398	47.895	ng 95
6) Aniline	6.528	93	344284	53.310	ng 90
8) 2-Chlorophenol	6.651	128	287913	49.656	ng 99
9) Benzaldehyde	6.416	77	105150	27.275	ng 100
10) Phenol	6.516	94	377287	49.302	ng 92
11) bis(2-Chloroethyl)ether	6.604	93	281272	45.142	ng 100
12) 1,3-Dichlorobenzene	6.804	146	296780	45.499	ng 99
13) 1,4-Dichlorobenzene	6.881	146	301575	45.650	ng 99
14) 1,2-Dichlorobenzene	7.034	146	287676	46.463	ng 99
15) Benzyl Alcohol	7.010	79	271615	48.845	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	516781	47.909	ng 97
17) 2-Methylphenol	7.122	107	231394	47.804	ng 99
18) Hexachloroethane	7.375	117	114077	46.296	ng 97
19) n-Nitroso-di-n-propyla...	7.281	70	215070	45.965	ng 98
20) 3+4-Methylphenols	7.275	107	289510	47.618	ng 96
22) Acetophenone	7.275	105	391889	46.503	ng 99
24) Nitrobenzene	7.451	77	329764	45.415	ng 100
25) Isophorone	7.686	82	586027	47.054	ng 99
26) 2-Nitrophenol	7.763	139	153632	49.217	ng 99
27) 2,4-Dimethylphenol	7.804	122	232572	60.861	ng 98
28) bis(2-Chloroethoxy)met...	7.898	93	345313	46.432	ng 100
29) 2,4-Dichlorophenol	8.010	162	237672	47.683	ng 98
30) 1,2,4-Trichlorobenzene	8.086	180	253254	44.928	ng 100
31) Naphthalene	8.169	128	847269	46.676	ng 100
32) Benzoic acid	7.934	122	170532	44.879	ng 100
33) 4-Chloroaniline	8.216	127	225508	36.702	ng 100
34) Hexachlorobutadiene	8.281	225	164497	45.095	ng 99
35) Caprolactam	8.592	113	47782	29.228	ng 95
36) 4-Chloro-3-methylphenol	8.704	107	267570	47.422	ng 99
37) 2-Methylnaphthalene	8.863	142	547317	46.295	ng 99
38) 1-Methylnaphthalene	8.957	142	508147	43.973	ng 99
40) 1,2,4,5-Tetrachloroben...	9.028	216	254692	46.761	ng 99
41) Hexachlorocyclopentadiene	9.010	237	289004	173.045	ng 98
43) 2,4,6-Trichlorophenol	9.139	196	177064	48.223	ng 99

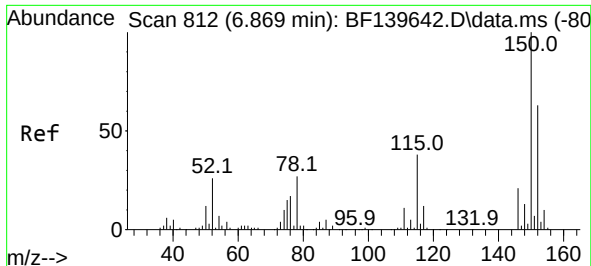
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	182426	46.070	ng	98
46) 1,1'-Biphenyl	9.328	154	677435	46.435	ng	99
47) 2-Chloronaphthalene	9.351	162	513142	46.919	ng	98
48) 2-Nitroaniline	9.445	65	195912	49.901	ng	98
49) Acenaphthylene	9.769	152	839921	50.499	ng	100
50) Dimethylphthalate	9.628	163	627630	48.881	ng	99
51) 2,6-Dinitrotoluene	9.692	165	135833	46.831	ng	94
52) Acenaphthene	9.939	154	533564	46.729	ng	98
53) 3-Nitroaniline	9.857	138	115506	38.969	ng	99
54) 2,4-Dinitrophenol	9.969	184	150207	96.282	ng	99
55) Dibenzofuran	10.110	168	765149	47.861	ng	99
56) 4-Nitrophenol	10.028	139	218261	96.561	ng	97
57) 2,4-Dinitrotoluene	10.092	165	184467	48.656	ng	98
58) Fluorene	10.451	166	602449	47.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160664	50.236	ng	99
60) Diethylphthalate	10.328	149	632997	47.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	292181	45.866	ng	98
62) 4-Nitroaniline	10.475	138	145193	47.889	ng	98
63) Azobenzene	10.604	77	633031	47.463	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	100557	48.383	ng	96
66) n-Nitrosodiphenylamine	10.563	169	531590	49.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	177201	46.965	ng	99
68) Hexachlorobenzene	10.998	284	197543	47.183	ng	99
69) Atrazine	11.092	200	177009	60.822	ng	100
70) Pentachlorophenol	11.198	266	217355	87.187	ng	98
71) Phenanthrene	11.416	178	849333	48.950	ng	100
72) Anthracene	11.469	178	858179	49.995	ng	100
73) Carbazole	11.622	167	787852	47.787	ng	100
74) Di-n-butylphthalate	11.945	149	964628	48.115	ng	100
75) Fluoranthene	12.604	202	862506	45.473	ng	99
77) Benzidine	12.727	184	434924	126.134	ng	100
78) Pyrene	12.833	202	866218	49.543	ng	100
80) Butylbenzylphthalate	13.445	149	340151	54.390	ng	99
81) Benzo(a)anthracene	14.015	228	653162	50.820	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	170199	43.270	ng	98
83) Chrysene	14.057	228	562118	47.838	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	446904	57.228	ng	100
85) Di-n-octyl phthalate	14.615	149	675474	58.877	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	661995	55.651	ng	100
88) Benzo(b)fluoranthene	15.068	252	560498	42.892	ng	99
89) Benzo(k)fluoranthene	15.098	252	575745	51.939	ng	100
90) Benzo(a)pyrene	15.433	252	544126	52.808	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	540374	54.770	ng	99
92) Benzo(g,h,i)perylene	17.415	276	494577	49.983	ng	100

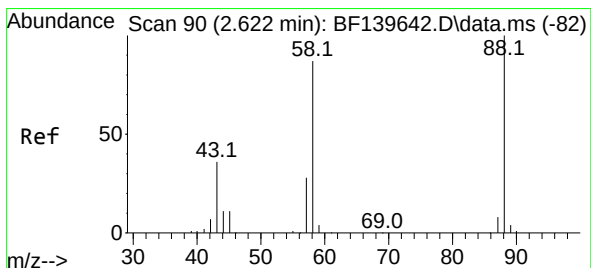
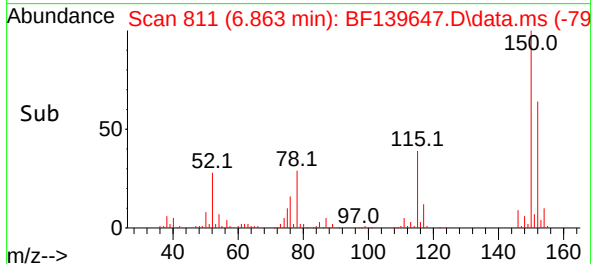
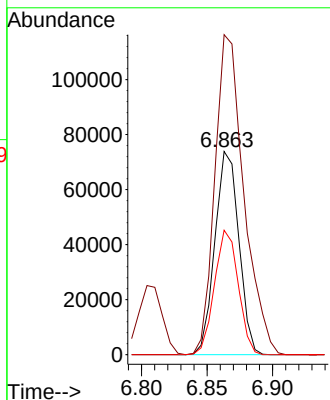
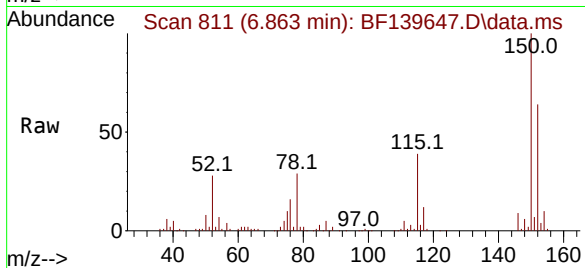
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

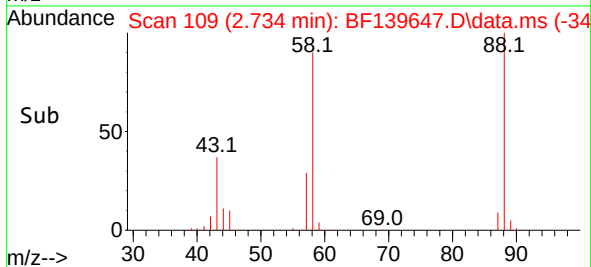
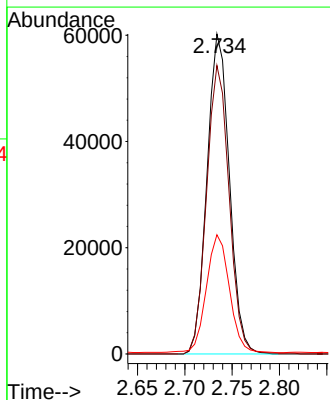
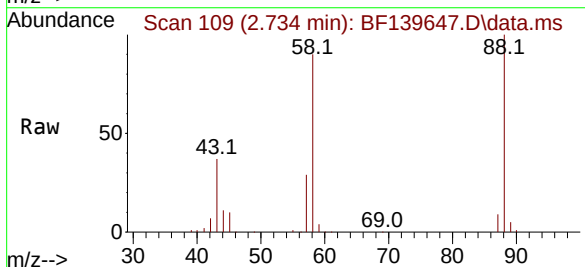
Instrument :
BNA_F
ClientSampleId :
PB163883BS

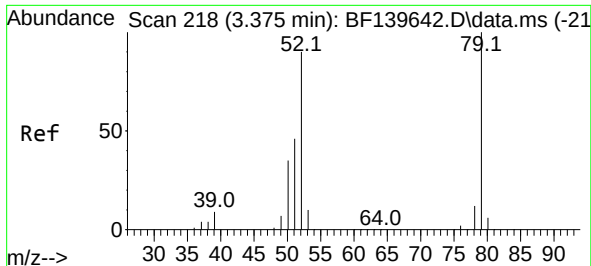
Tgt Ion:152 Resp: 93801
Ion Ratio Lower Upper
152 100
150 157.4 127.2 190.8
115 61.2 49.0 73.4



#2
1,4-Dioxane
Concen: 42.356 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 88 Resp: 99104
Ion Ratio Lower Upper
88 100
58 91.0 72.0 108.0
43 38.0 30.8 46.2

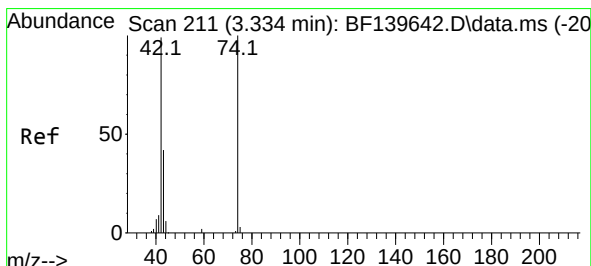
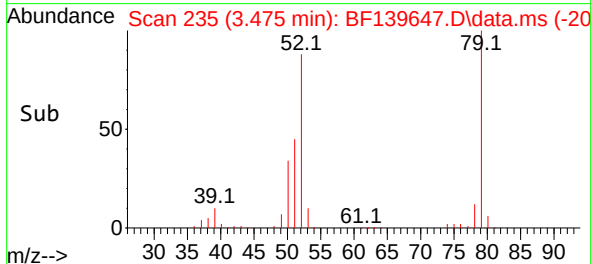
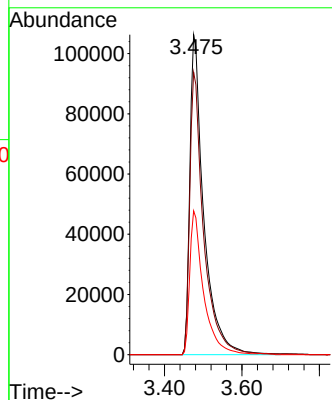
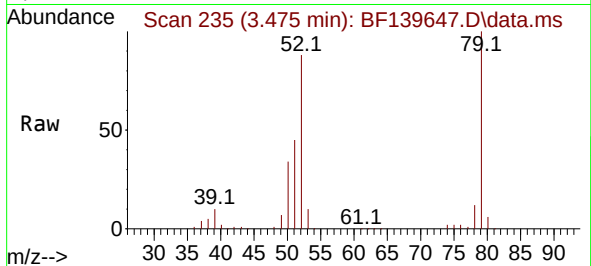




#3
Pyridine
Concen: 46.567 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.082 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

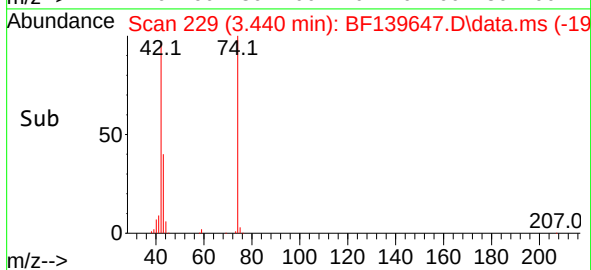
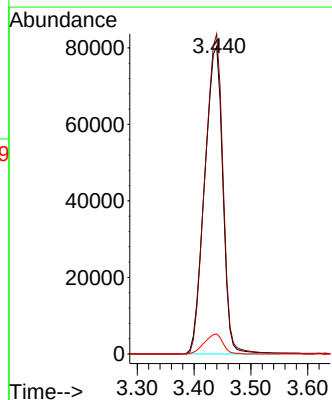
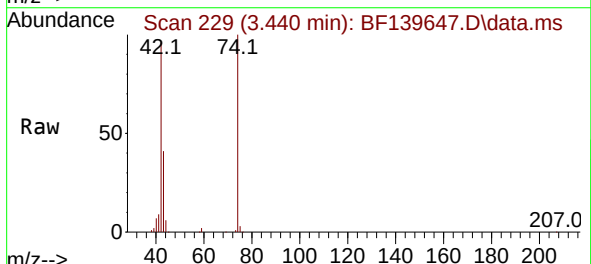
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ClientSampleId :
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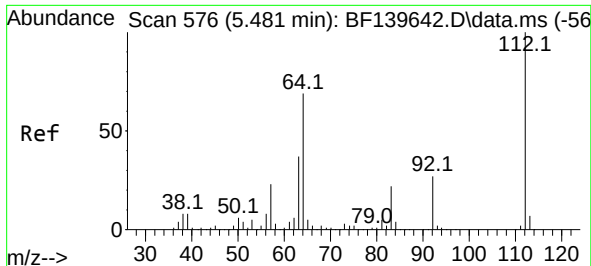
Tgt Ion: 79 Resp: 264987
Ion Ratio Lower Upper
79 100
52 88.3 72.6 109.0
51 44.9 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 47.895 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 42 Resp: 178398
Ion Ratio Lower Upper
42 100
74 104.1 79.0 118.6
44 6.5 5.2 7.8

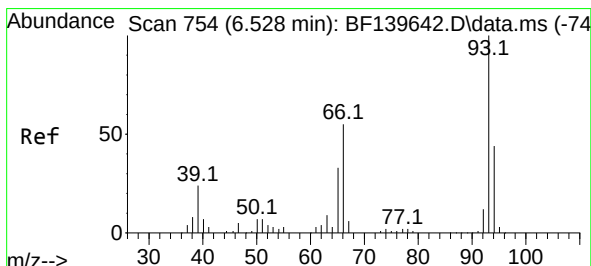
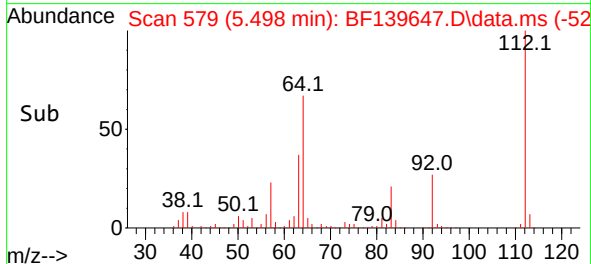
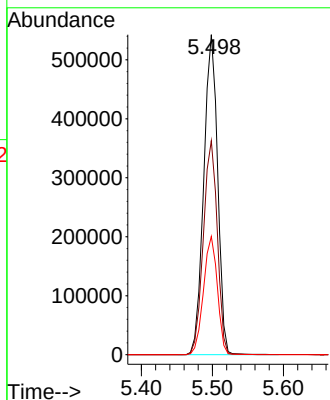
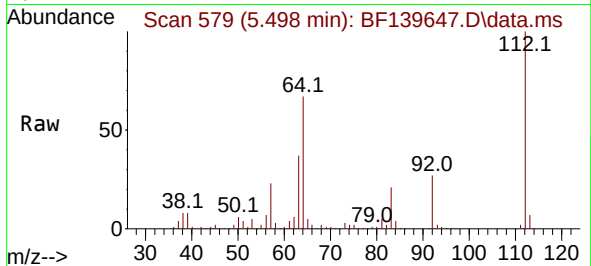




#5
2-Fluorophenol
Concen: 136.673 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

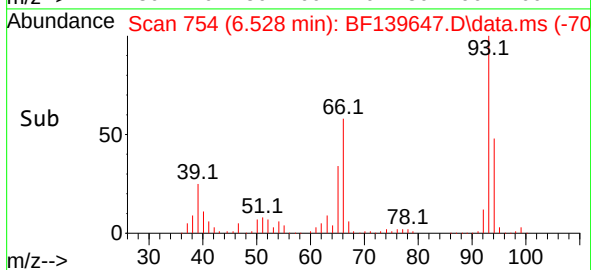
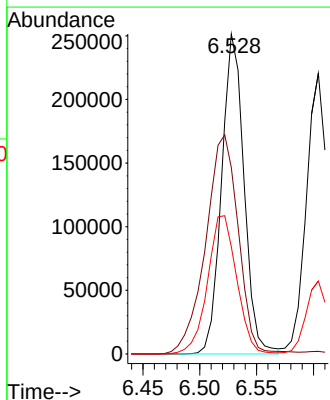
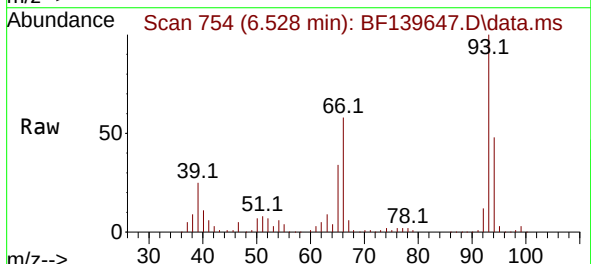
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ClientSampleId :
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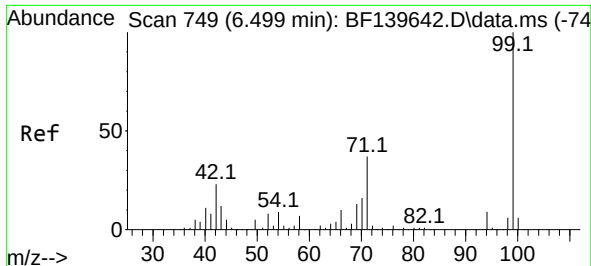
Tgt Ion:112 Resp: 739658
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 37.0 29.4 44.2



#6
Aniline
Concen: 53.310 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 93 Resp: 344284
Ion Ratio Lower Upper
93 100
66 58.3 40.9 61.3
65 33.5 23.3 34.9

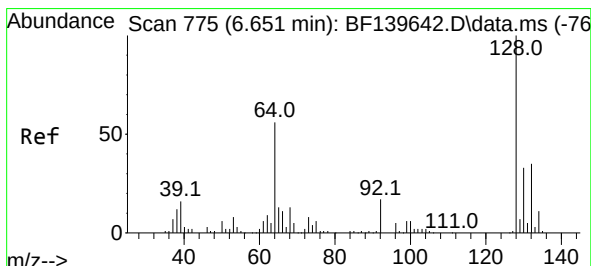
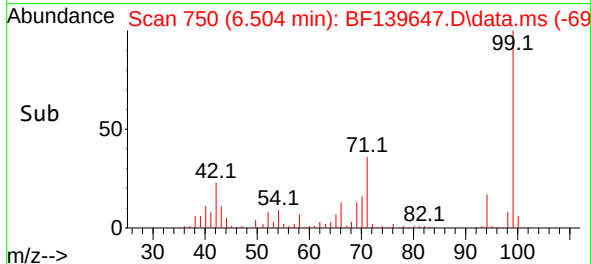
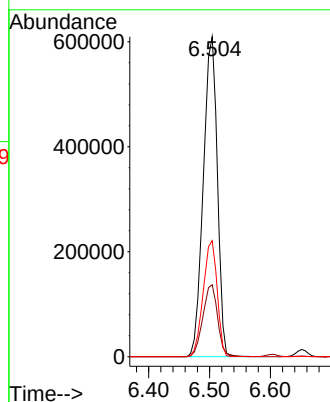
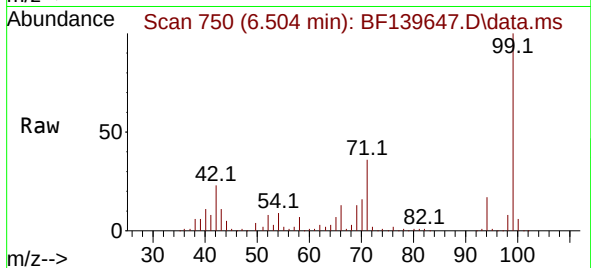




#7
Phenol-d6
Concen: 133.898 ng
RT: 6.504 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

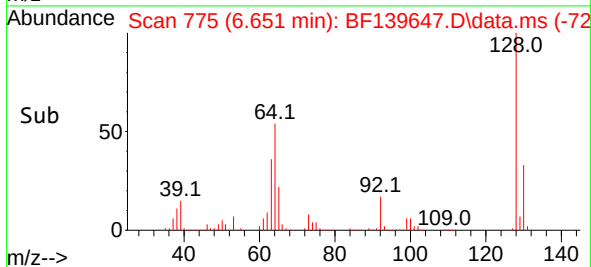
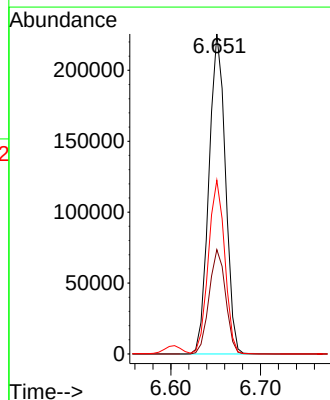
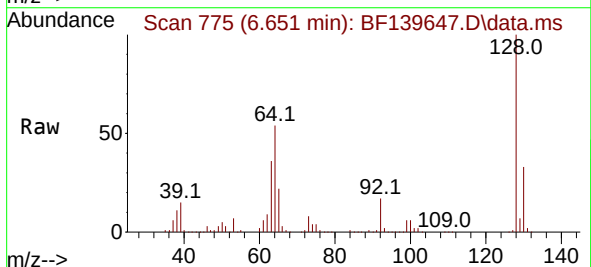
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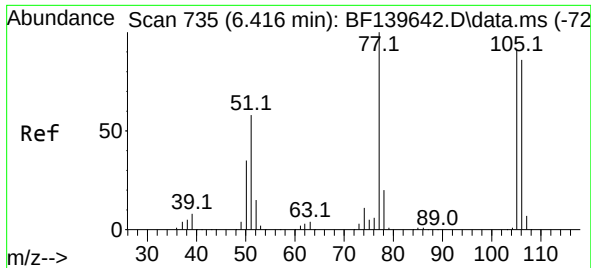
Tgt Ion: 99 Resp: 974483
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 36.2 29.7 44.5



#8
2-Chlorophenol
Concen: 49.656 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:128 Resp: 287913
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 27.275 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

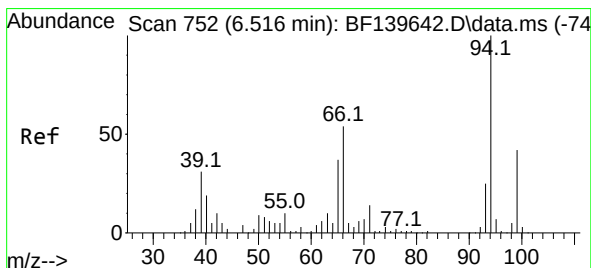
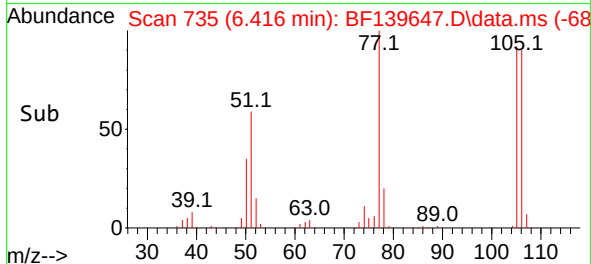
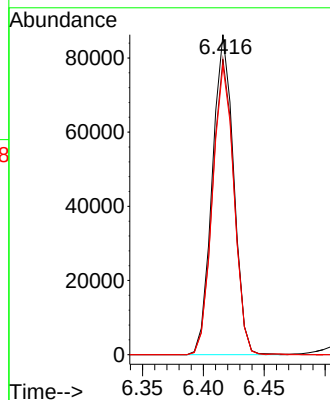
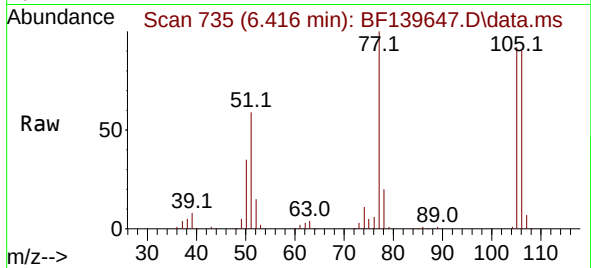
Tgt Ion: 77 Resp: 105150

Ion Ratio Lower Upper

77 100

105 92.3 72.7 112.7

106 90.4 70.1 110.1



#10

Phenol

Concen: 49.302 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

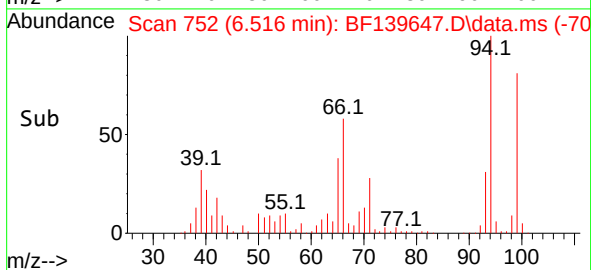
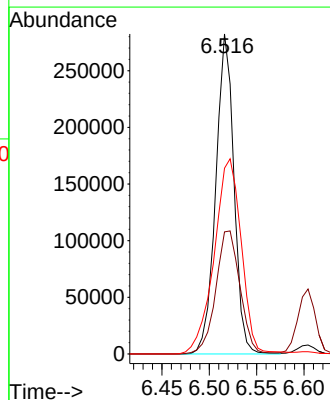
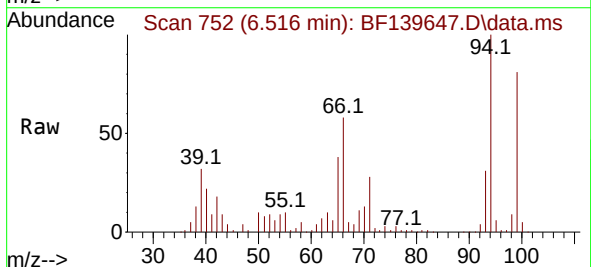
Tgt Ion: 94 Resp: 377287

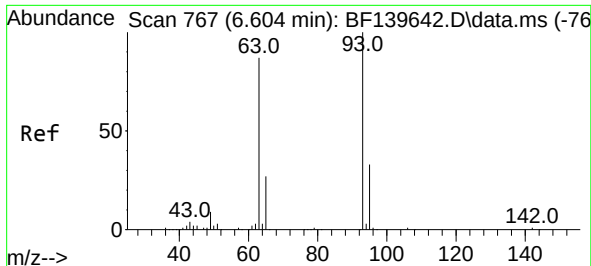
Ion Ratio Lower Upper

94 100

65 38.2 15.3 55.3

66 58.1 30.5 70.5

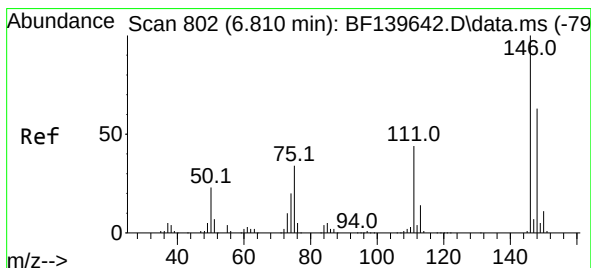
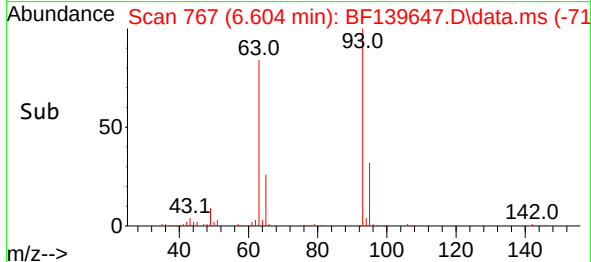
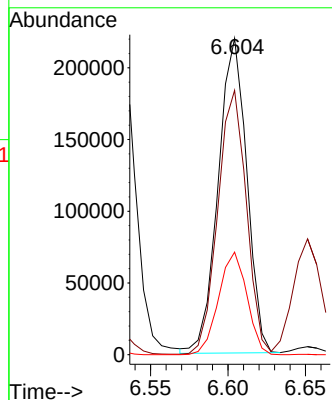
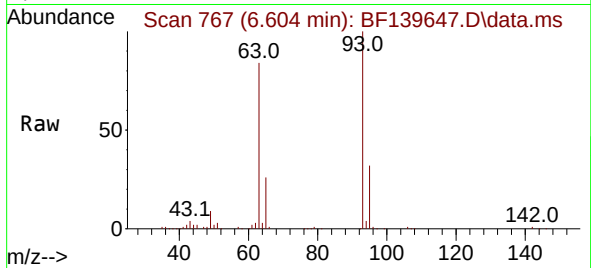




#11
bis(2-Chloroethyl)ether
Concen: 45.142 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

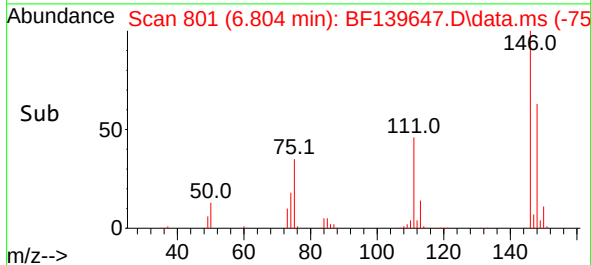
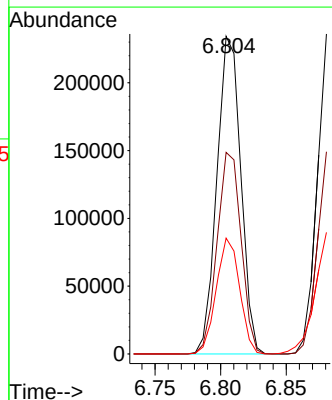
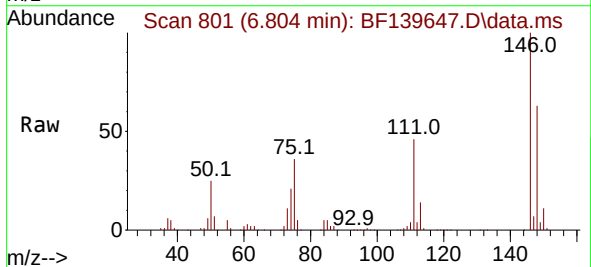
Instrument :
BNA_F
ClientSampleId :
PB163883BS

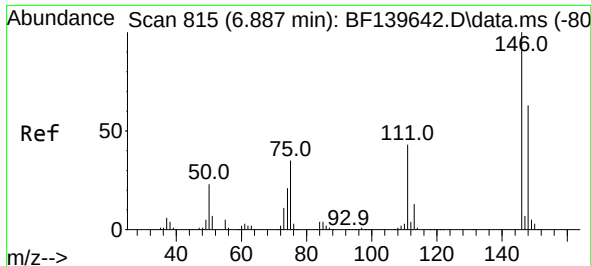
Tgt Ion: 93 Resp: 281272
Ion Ratio Lower Upper
93 100
63 83.6 64.1 104.1
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.499 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:146 Resp: 296780
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 36.4 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.650 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

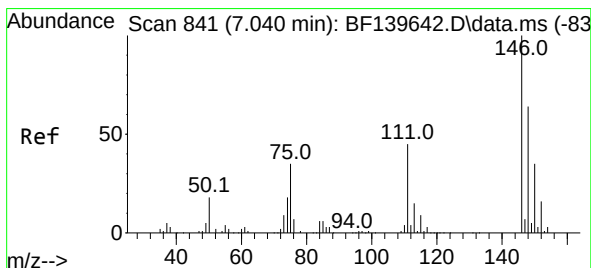
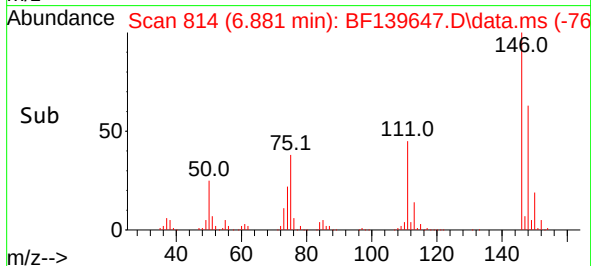
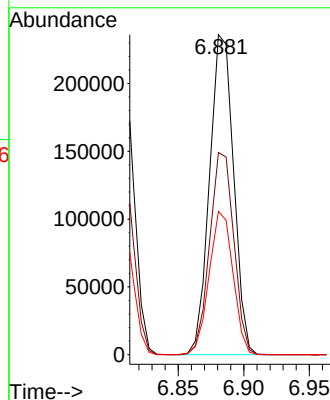
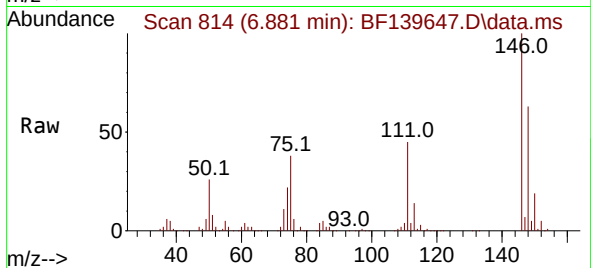
Tgt Ion:146 Resp: 301575

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 44.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 46.463 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

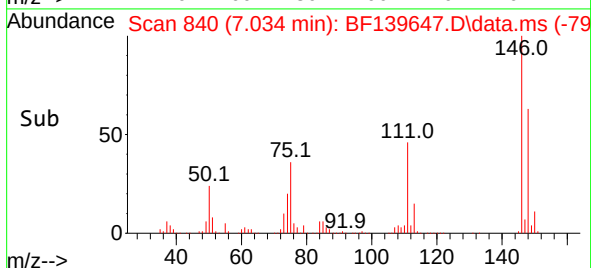
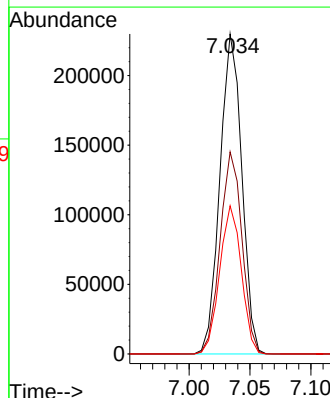
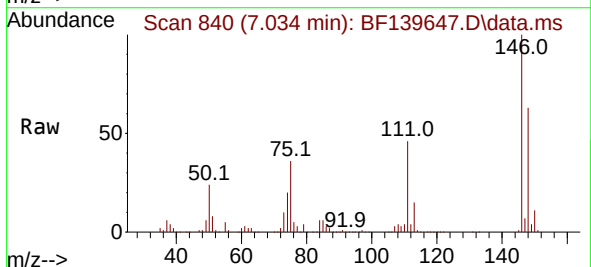
Tgt Ion:146 Resp: 287676

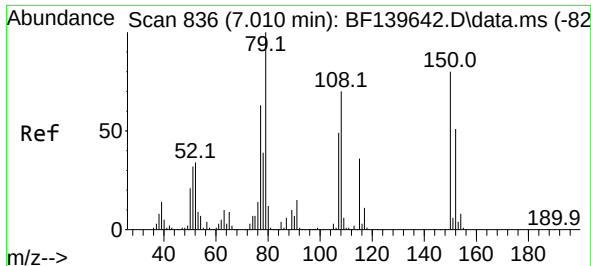
Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 46.3 37.0 55.6

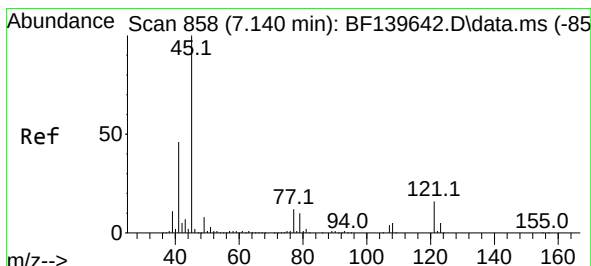
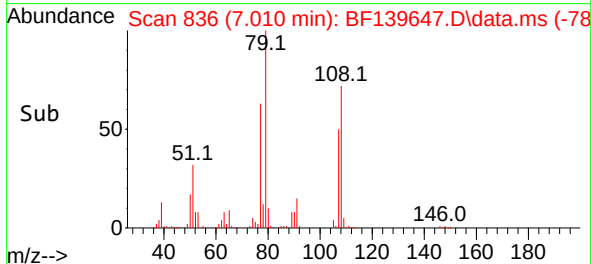
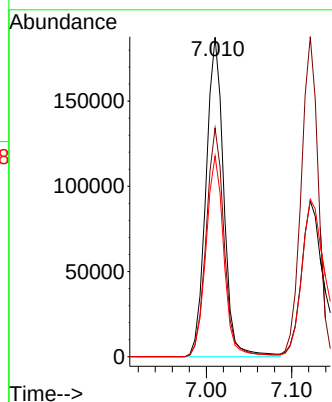
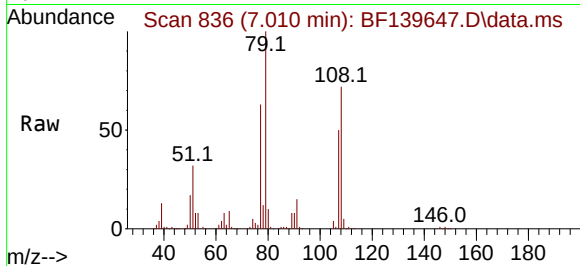




#15
Benzyl Alcohol
Concen: 48.845 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

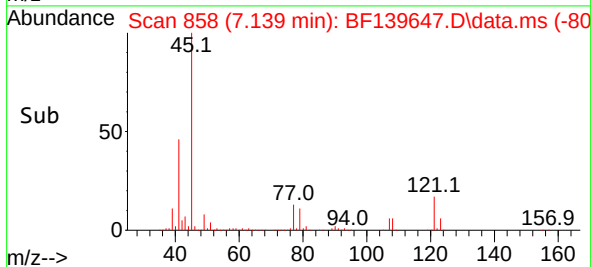
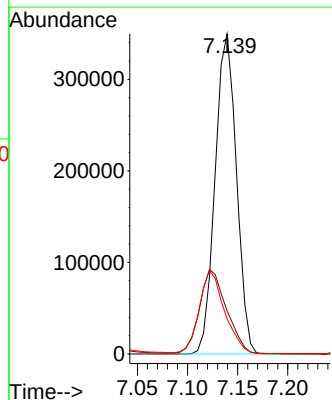
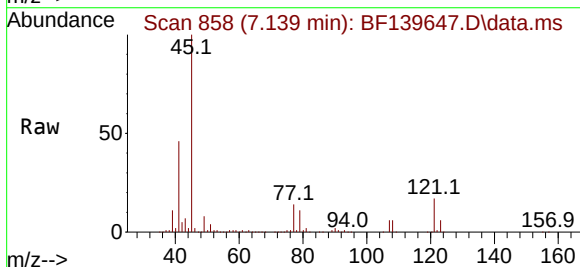
Instrument :
BNA_F
ClientSampleId :
PB163883BS

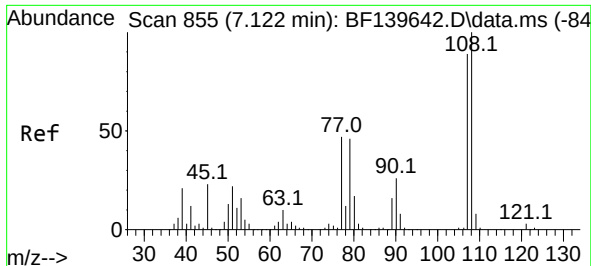
Tgt Ion: 79 Resp: 271615
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 62.9 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.909 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 45 Resp: 516781
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.5
79 11.0 0.0 29.7

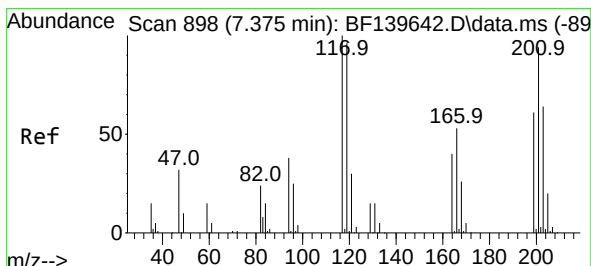
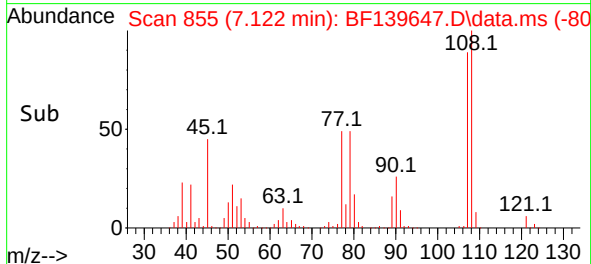
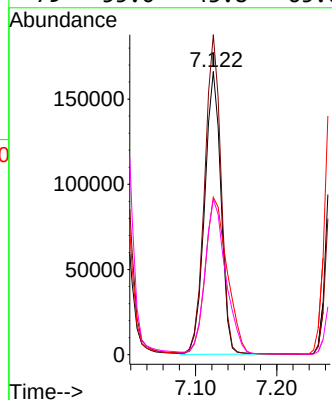
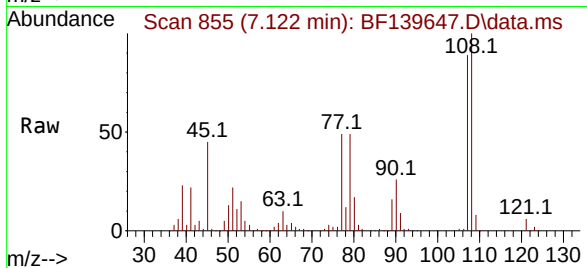




#17
2-Methylphenol
Concen: 47.804 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

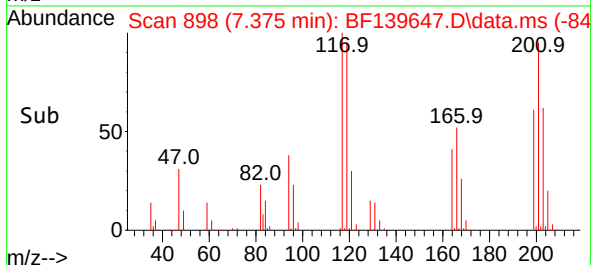
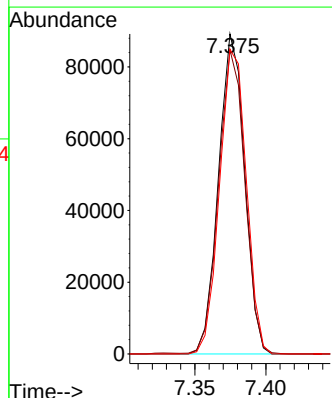
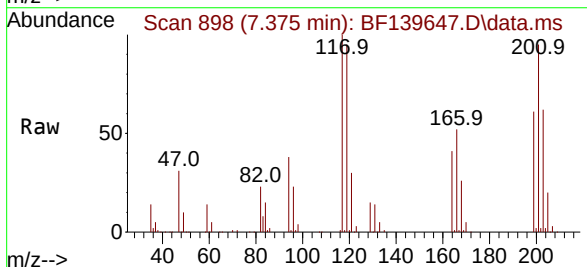
Instrument :
BNA_F
ClientSampleId :
PB163883BS

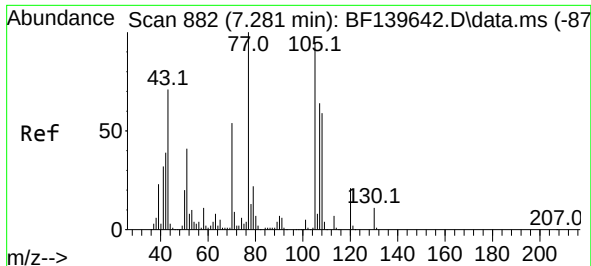
Tgt Ion:	107	Resp:	231394
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.6
77	55.6	44.6	67.0
79	55.0	43.8	65.6



#18
Hexachloroethane
Concen: 46.296 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:	117	Resp:	114077
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.6
201	95.2	79.2	118.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.965 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion: 70 Resp: 215070

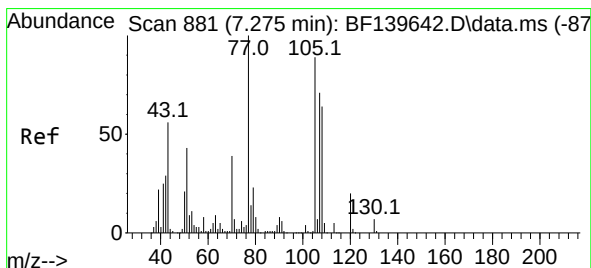
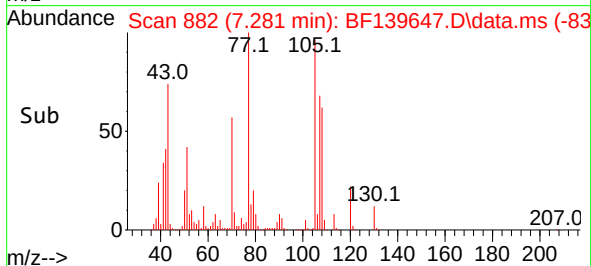
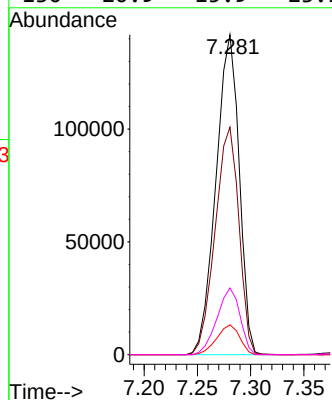
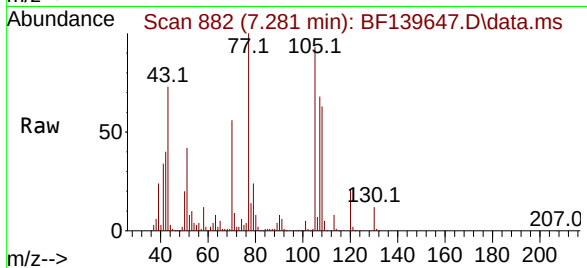
Ion Ratio Lower Upper

70 100

42 71.1 58.0 87.0

101 9.4 7.8 11.8

130 20.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 47.618 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 107 Resp: 289510

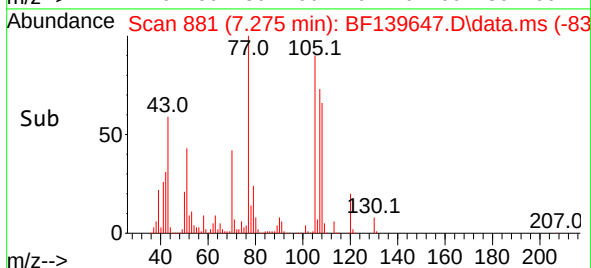
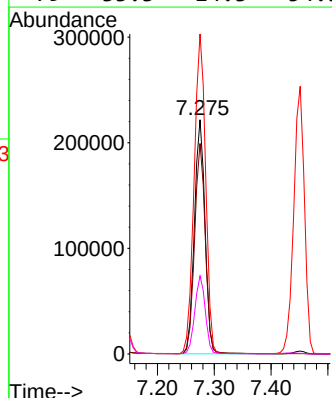
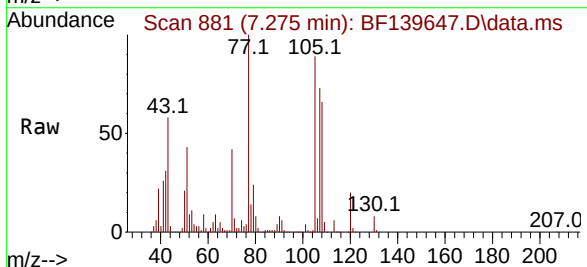
Ion Ratio Lower Upper

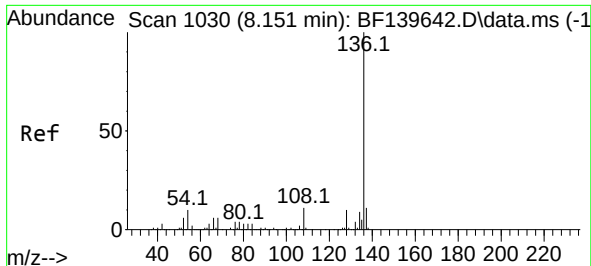
107 100

108 89.8 70.2 110.2

77 136.6 125.3 165.3

79 33.3 14.3 54.3

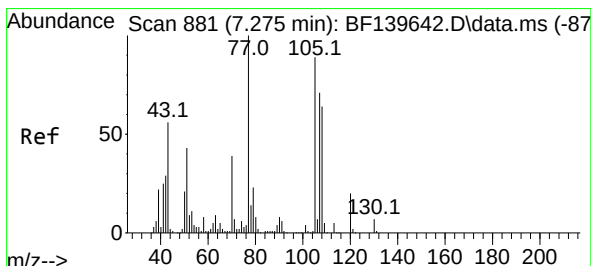
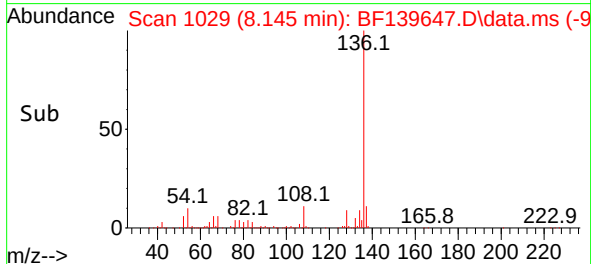
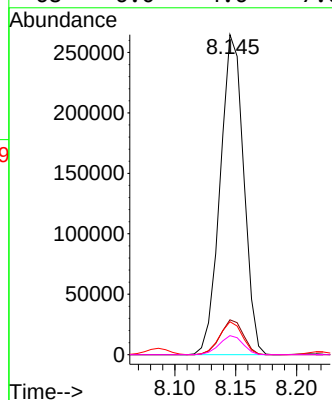
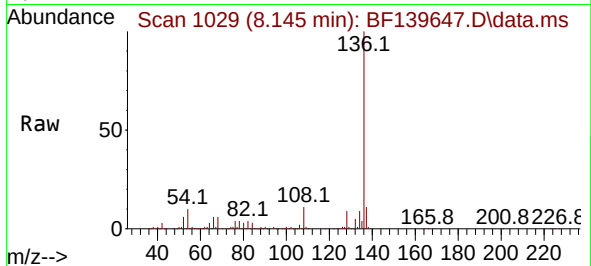




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

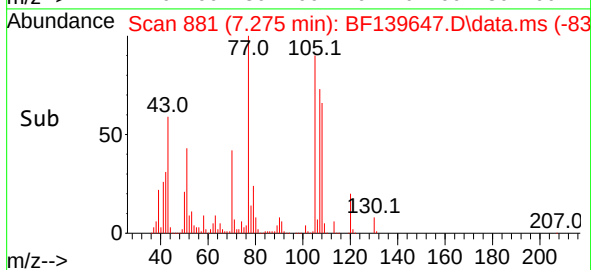
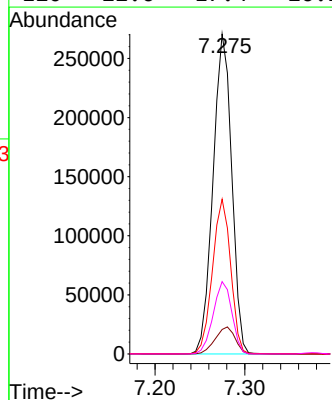
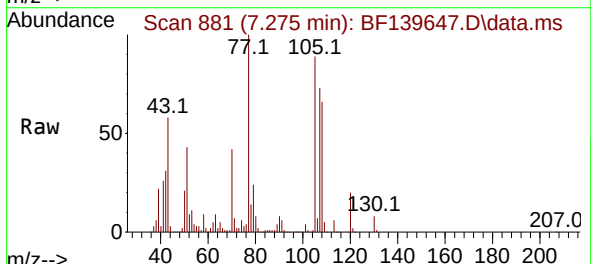
Instrument :
BNA_F
ClientSampleId :
PB163883BS

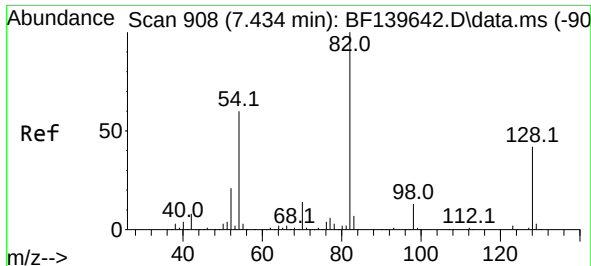
Tgt Ion:136 Resp: 355027
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 46.503 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:105 Resp: 391889
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 48.4 39.4 59.0
120 22.6 17.4 26.2

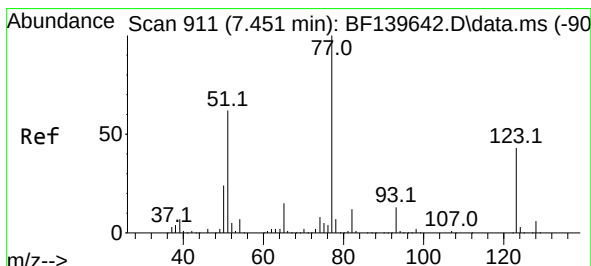
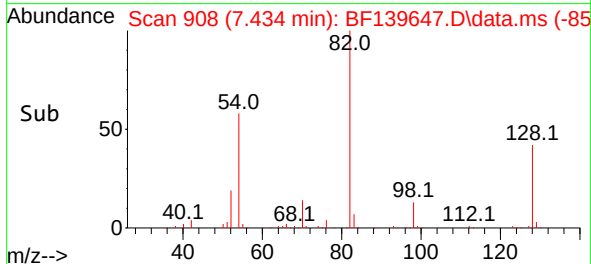
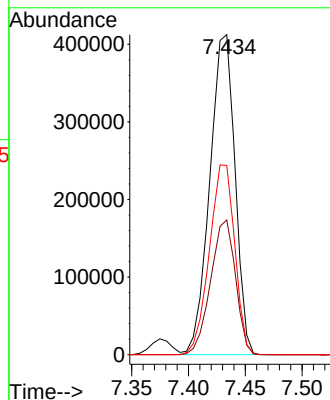
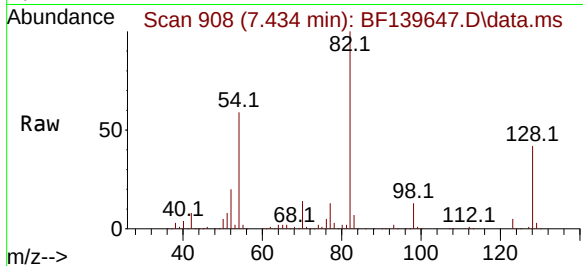




#23
Nitrobenzene-d5
Concen: 90.910 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

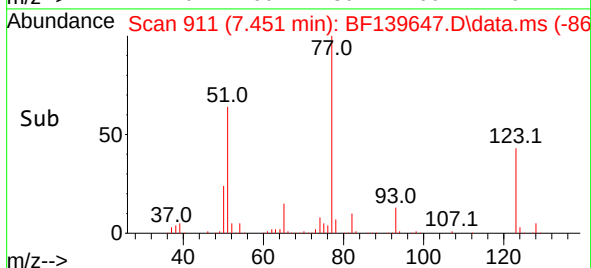
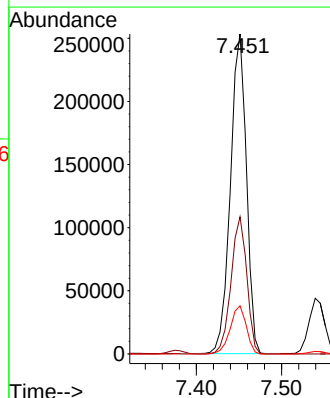
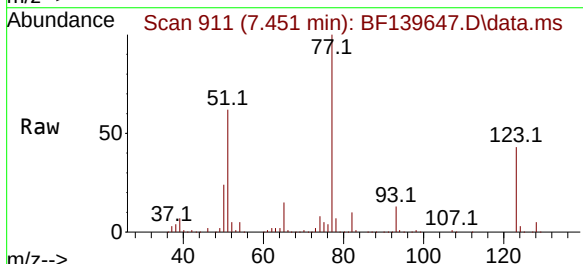
Instrument :
BNA_F
ClientSampleId :
PB163883BS

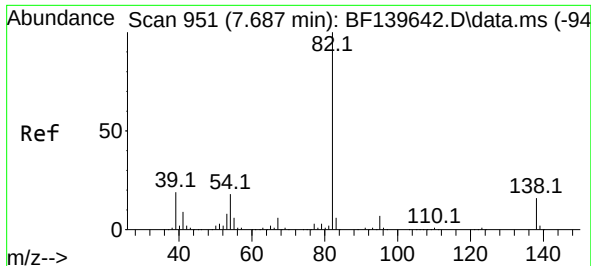
Tgt Ion: 82 Resp: 637473
Ion Ratio Lower Upper
82 100
128 42.1 32.4 48.6
54 59.1 49.1 73.7



#24
Nitrobenzene
Concen: 45.415 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 77 Resp: 329764
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.4
65 15.1 12.1 18.1

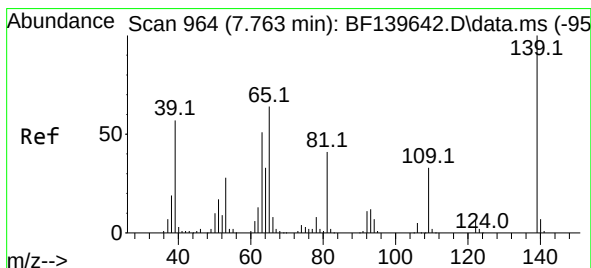
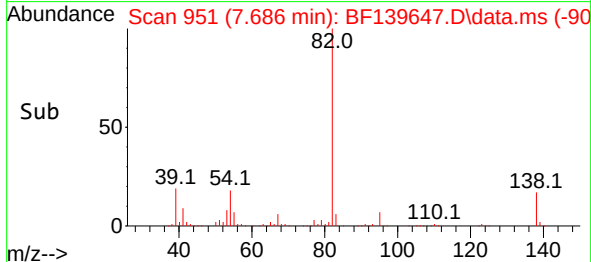
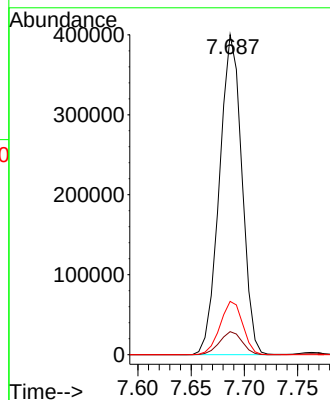
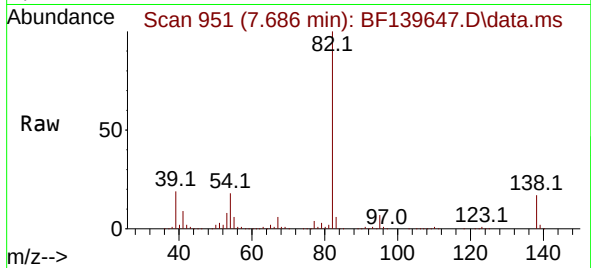




#25
Isophorone
Concen: 47.054 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

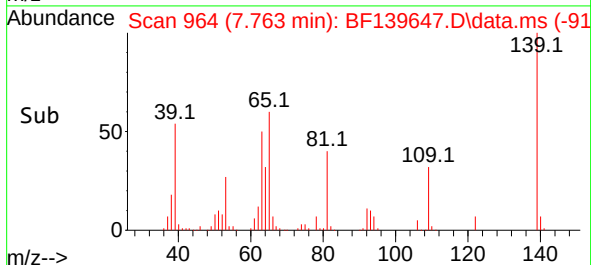
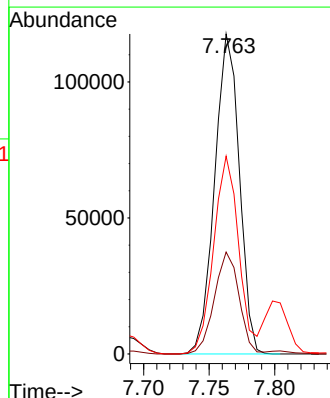
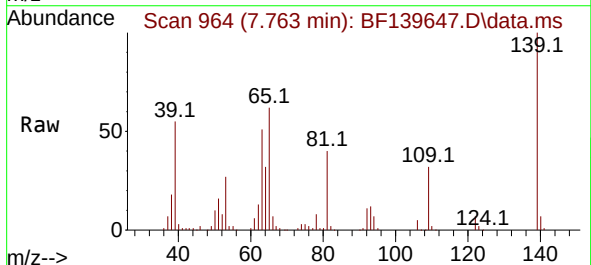
Instrument :
BNA_F
ClientSampleId :
PB163883BS

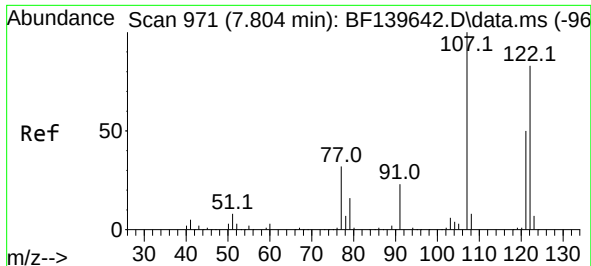
Tgt Ion: 82 Resp: 586027
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 49.217 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:139 Resp: 153632
Ion Ratio Lower Upper
139 100
109 31.9 24.9 37.3
65 61.8 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 60.861 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

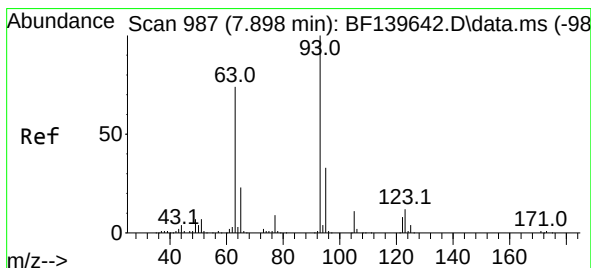
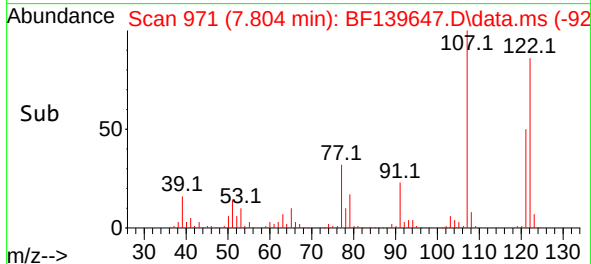
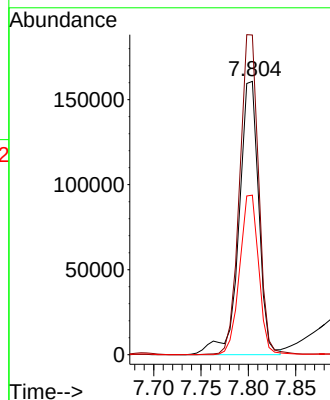
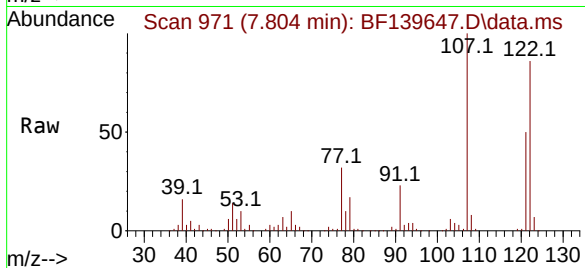
Tgt Ion:122 Resp: 232572

Ion Ratio Lower Upper

122 100

107 117.0 95.4 143.0

121 58.3 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 46.432 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

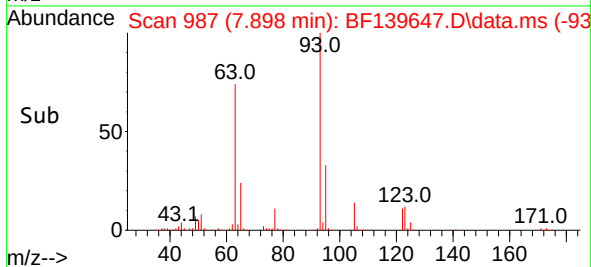
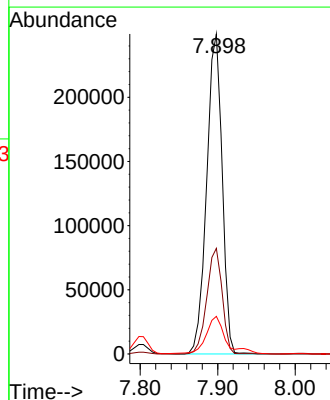
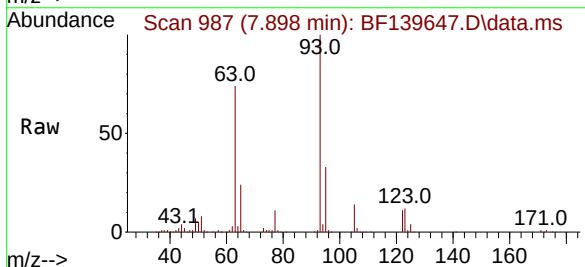
Tgt Ion: 93 Resp: 345313

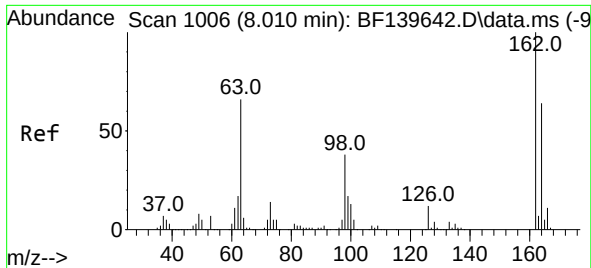
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.683 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

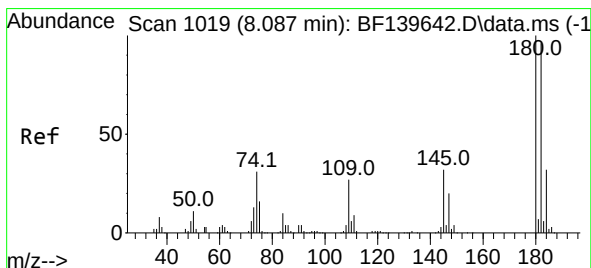
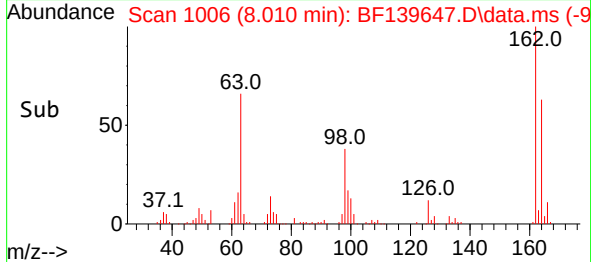
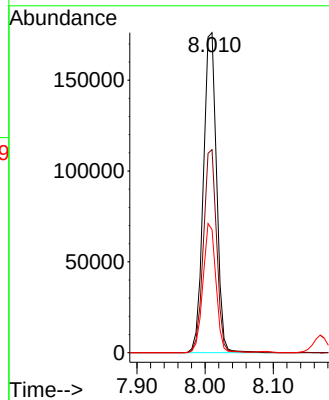
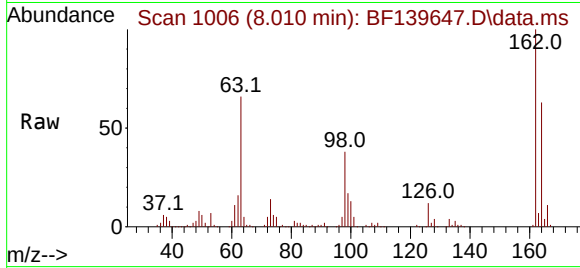
Tgt Ion:162 Resp: 237672

Ion Ratio Lower Upper

162 100

164 63.5 43.1 83.1

98 38.5 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.928 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

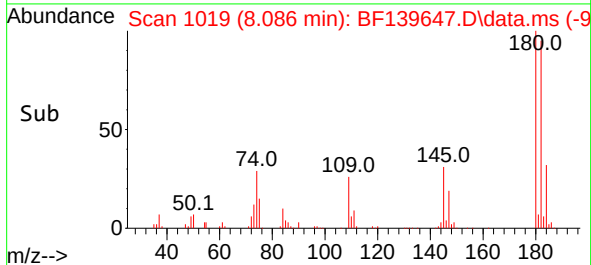
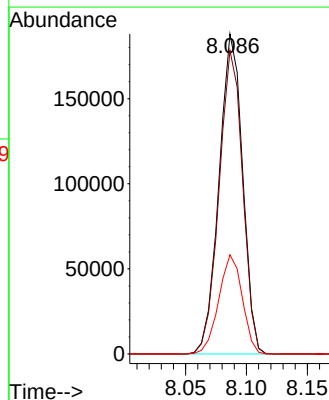
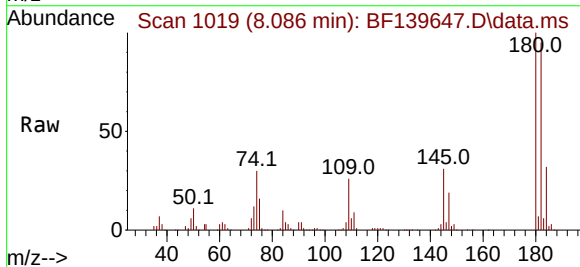
Tgt Ion:180 Resp: 253254

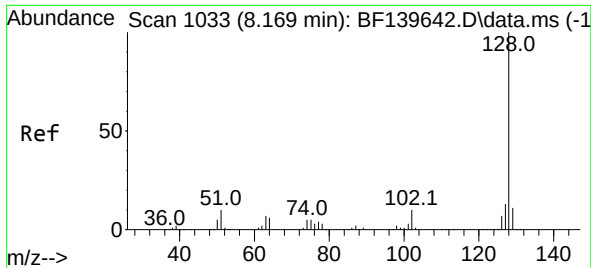
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

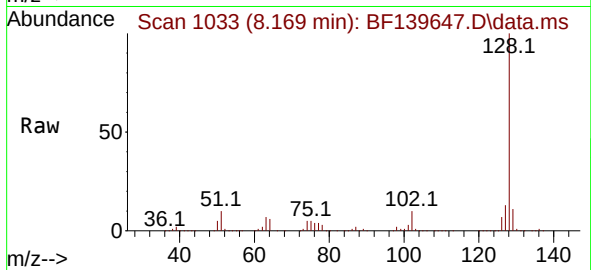
145 31.0 25.0 37.6



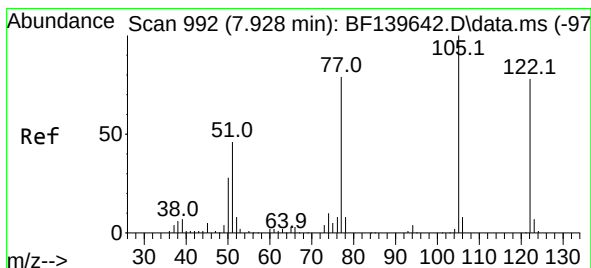
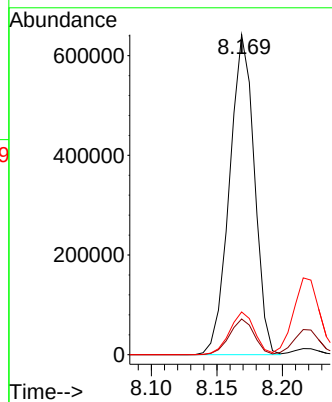
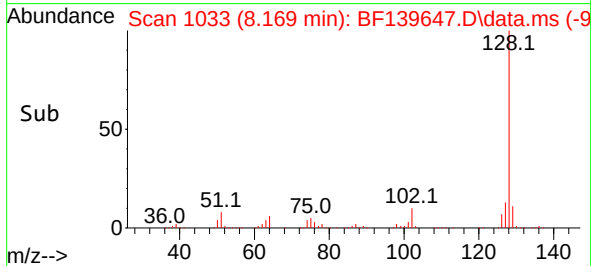


#31
Naphthalene
Concen: 46.676 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

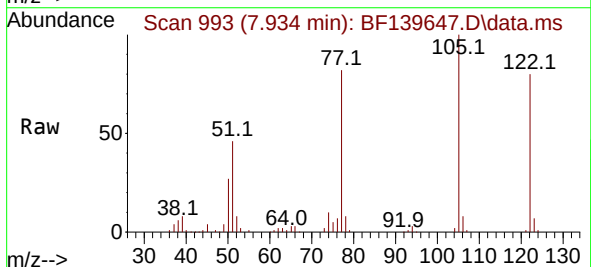
Instrument :
BNA_F
ClientSampleId :
PB163883BS



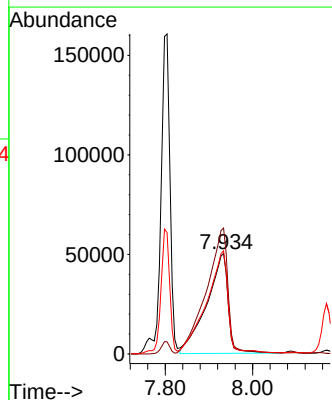
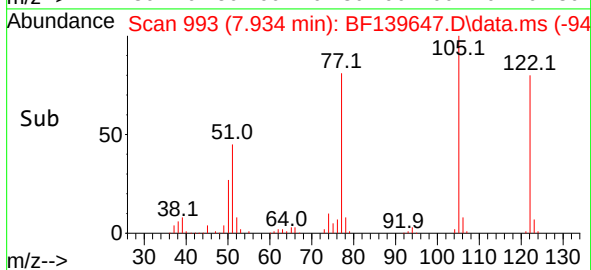
Tgt Ion:128 Resp: 847269
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.5 15.7

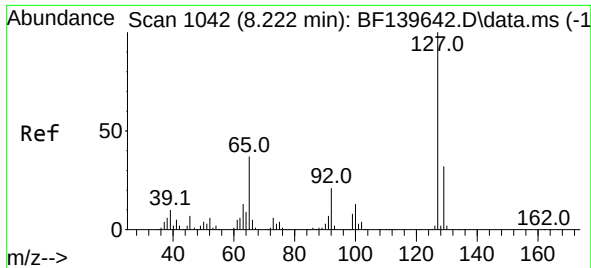


#32
Benzoic acid
Concen: 44.879 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:122 Resp: 170532
Ion Ratio Lower Upper
122 100
105 125.3 104.9 144.9
77 102.5 82.7 122.7

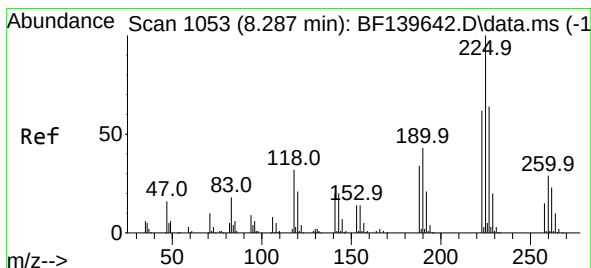
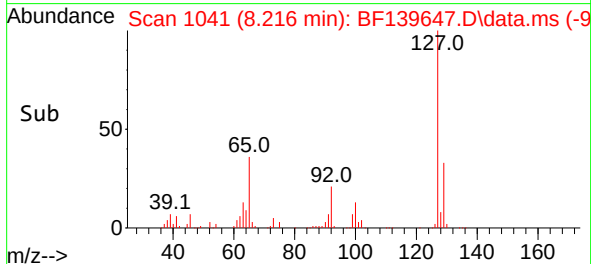
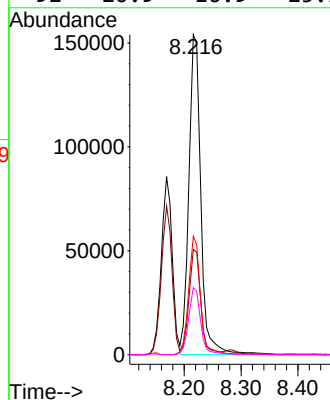
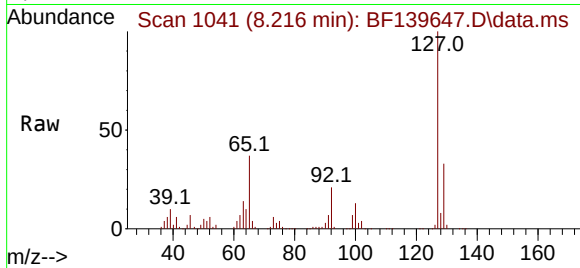




#33
4-Chloroaniline
Concen: 36.702 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

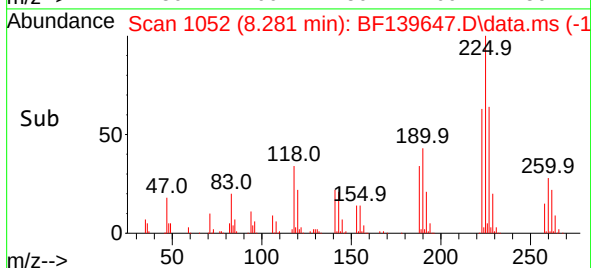
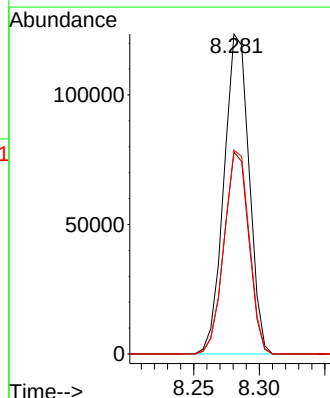
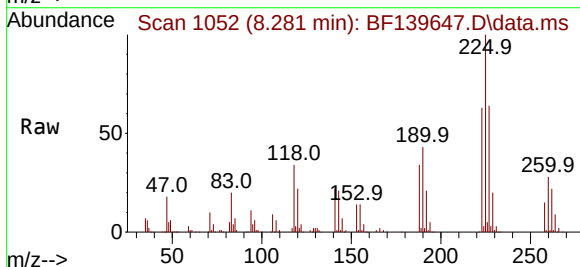
Instrument :
BNA_F
ClientSampleId :
PB163883BS

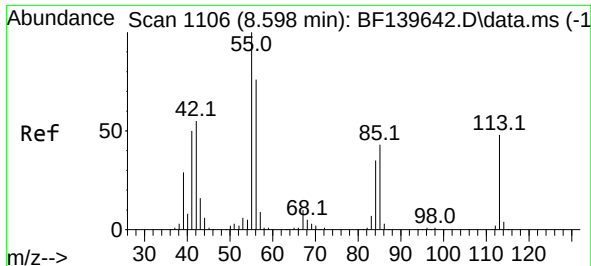
Tgt Ion:	127	Resp:	225508
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	37.0	29.3	43.9
92	20.9	16.9	25.3



#34
Hexachlorobutadiene
Concen: 45.095 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:	225	Resp:	164497
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.7	50.7	76.1

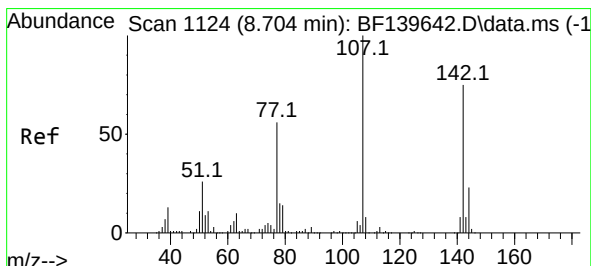
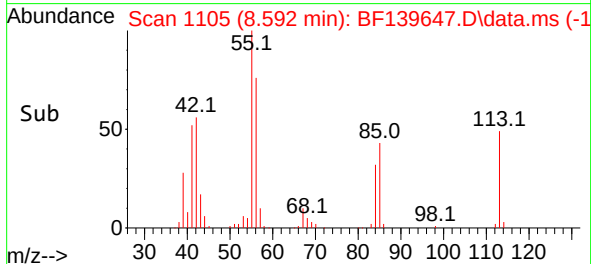
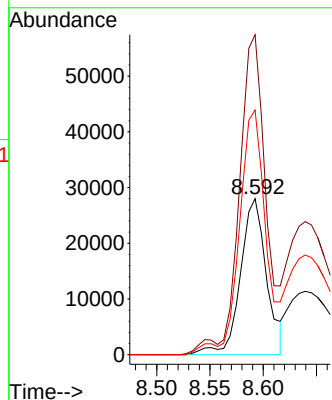
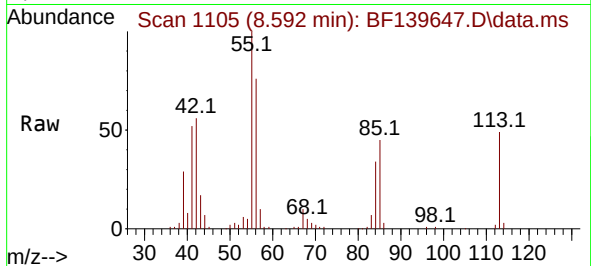




#35
 Caprolactam
 Concen: 29.228 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

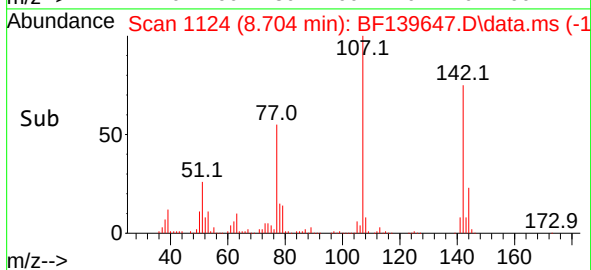
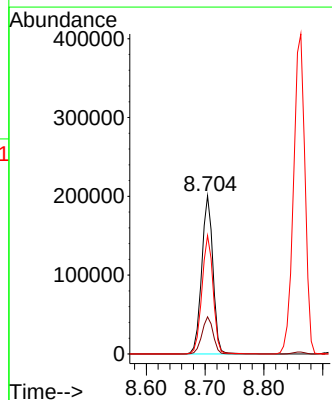
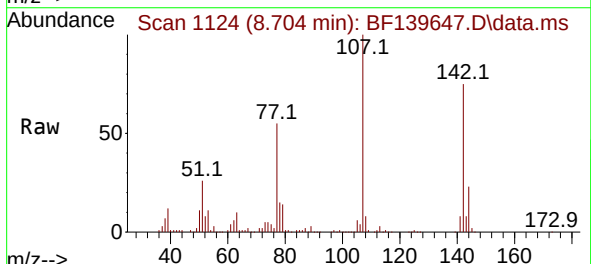
Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS

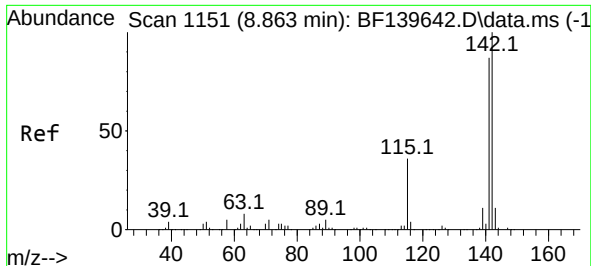
Tgt Ion:113 Resp: 47782
 Ion Ratio Lower Upper
 113 100
 55 205.1 193.4 233.4
 56 156.8 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.422 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

Tgt Ion:107 Resp: 267570
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.0 28.6
 142 74.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.295 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

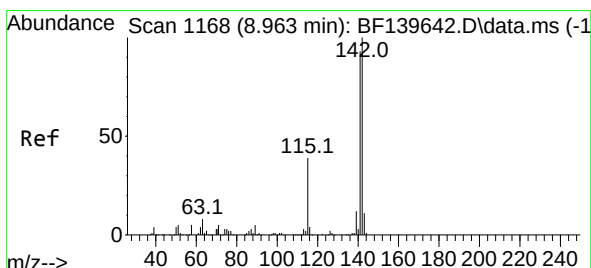
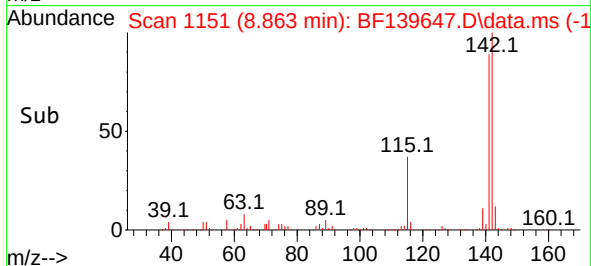
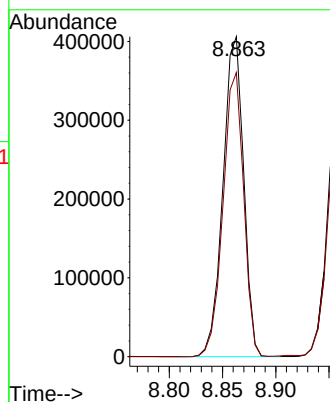
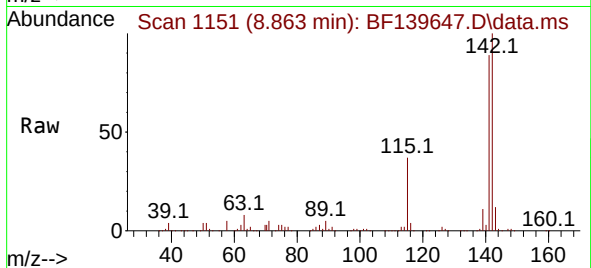
PB163883BS

Tgt Ion:142 Resp: 547317

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.973 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF139647.D

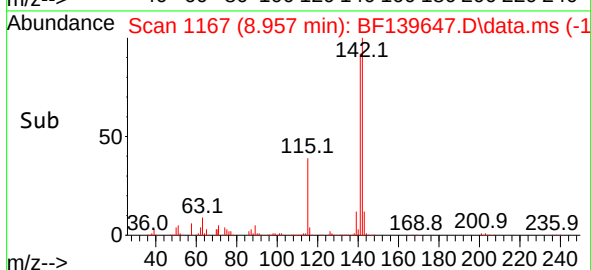
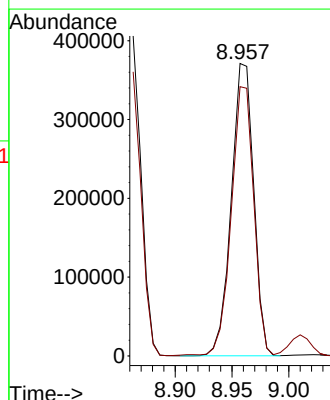
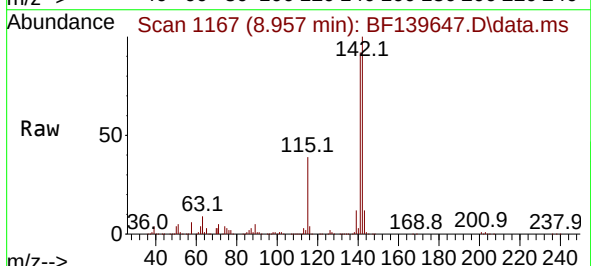
Acq: 04 Oct 2024 10:24

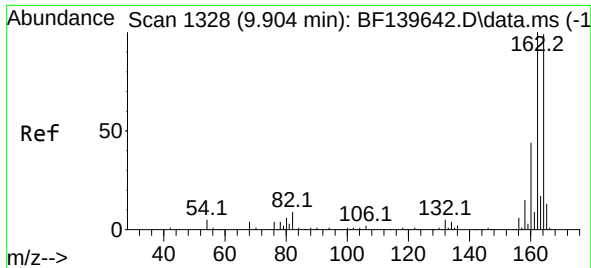
Tgt Ion:142 Resp: 508147

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4

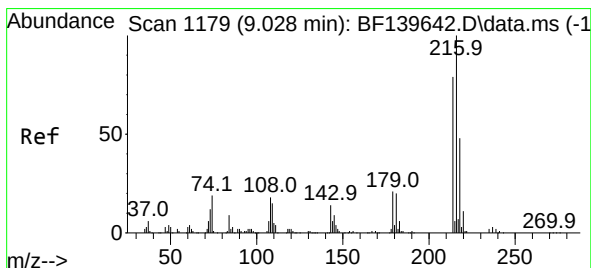
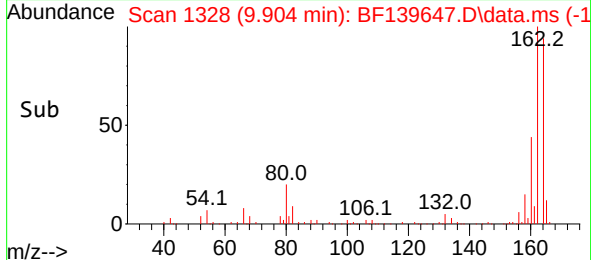
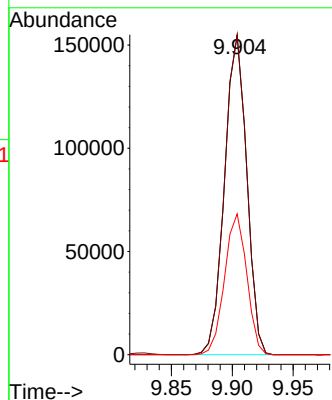
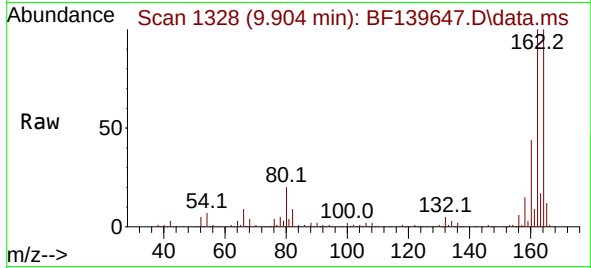




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

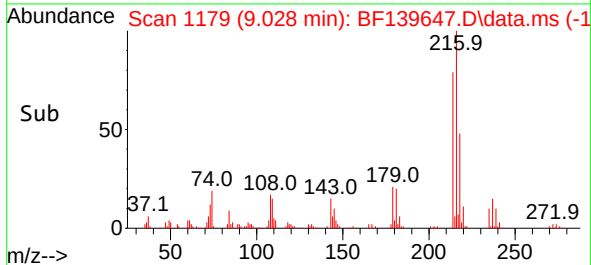
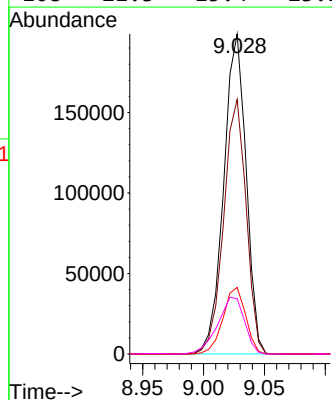
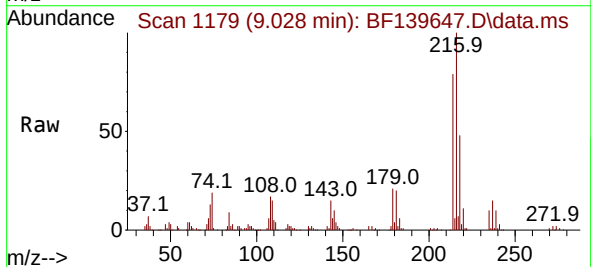
Instrument :
BNA_F
ClientSampleId :
PB163883BS

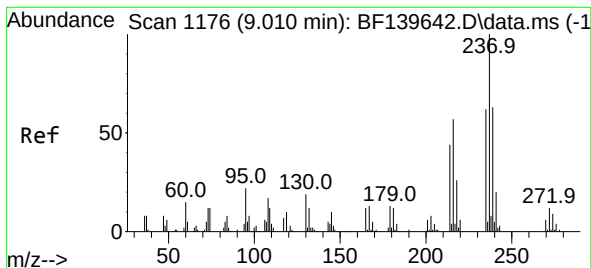
Tgt Ion:164 Resp: 196147
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.2 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.761 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:216 Resp: 254692
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.1 16.9 25.3
108 21.3 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 173.045 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

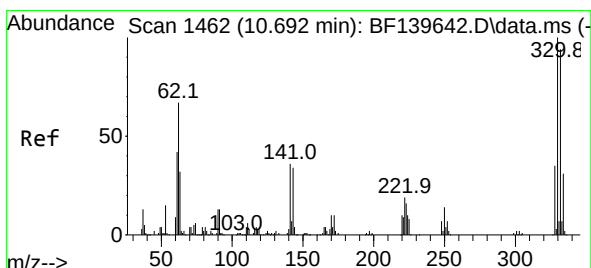
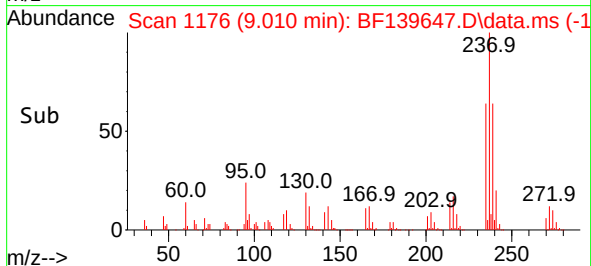
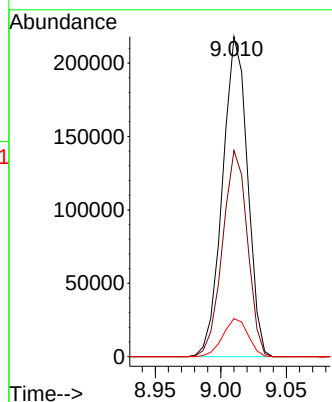
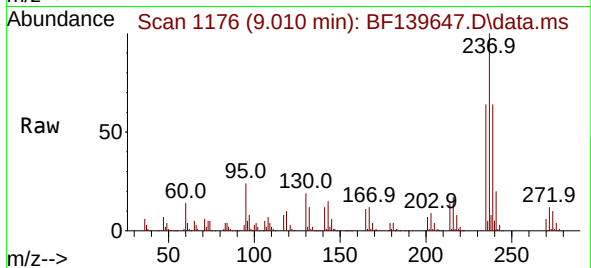
Tgt Ion:237 Resp: 289004

Ion Ratio Lower Upper

237 100

235 64.4 42.5 82.5

272 11.9 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 135.117 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

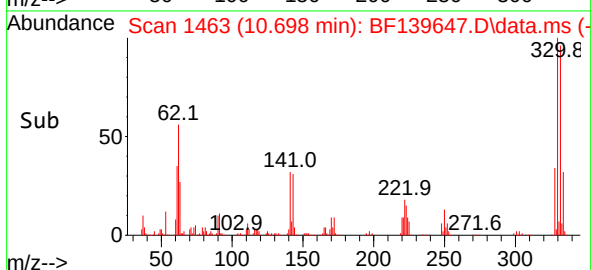
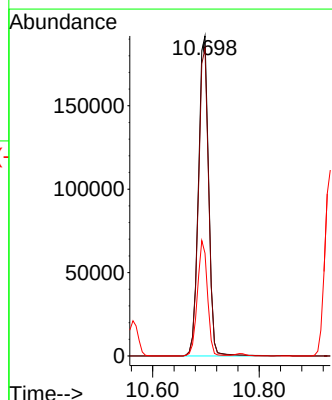
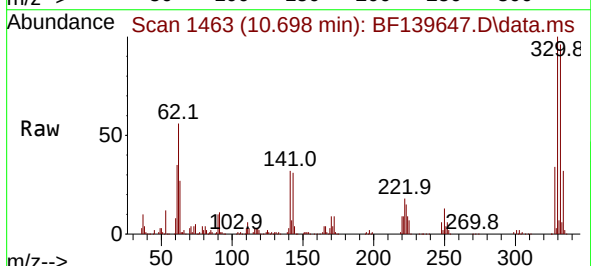
Tgt Ion:330 Resp: 255841

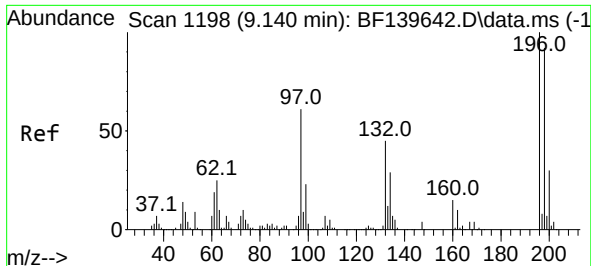
Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 35.4 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 48.223 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

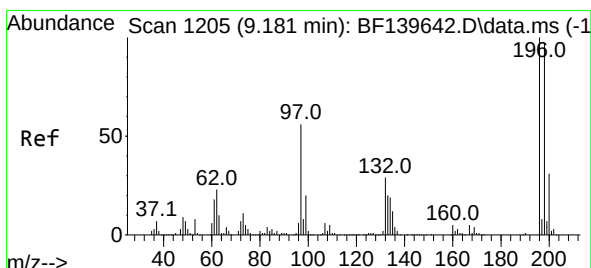
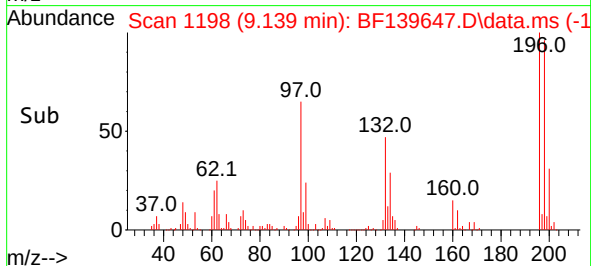
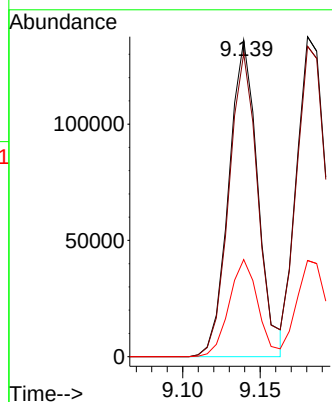
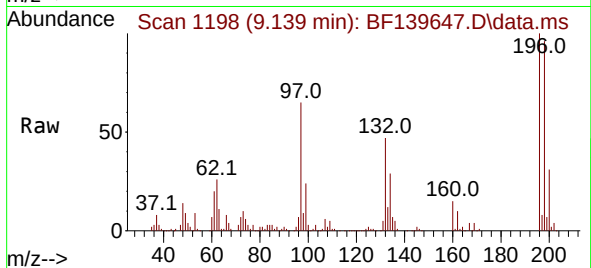
Tgt Ion:196 Resp: 177064

Ion Ratio Lower Upper

196 100

198 95.7 75.2 112.8

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.070 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:196 Resp: 182426

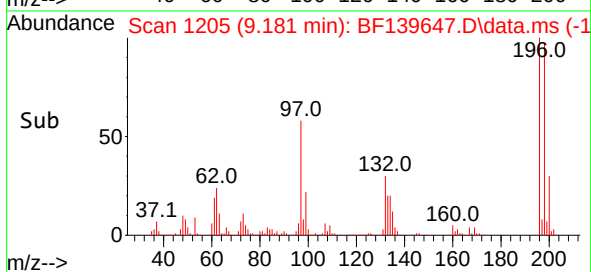
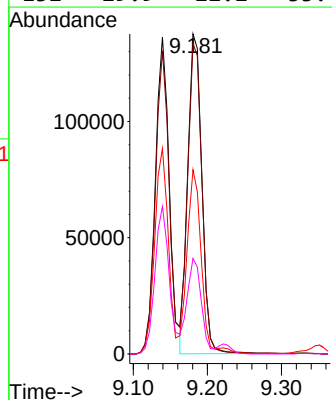
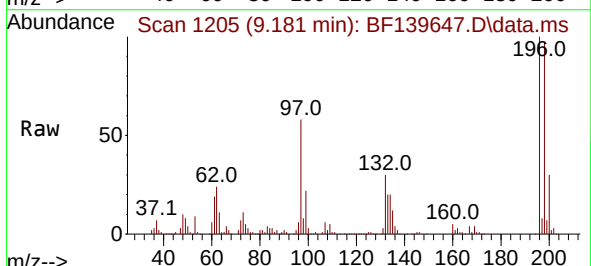
Ion Ratio Lower Upper

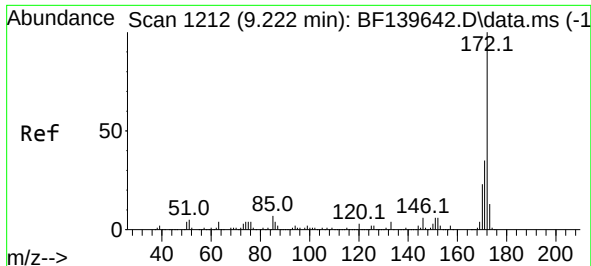
196 100

198 97.0 77.5 116.3

97 57.6 43.1 64.7

132 29.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 90.393 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

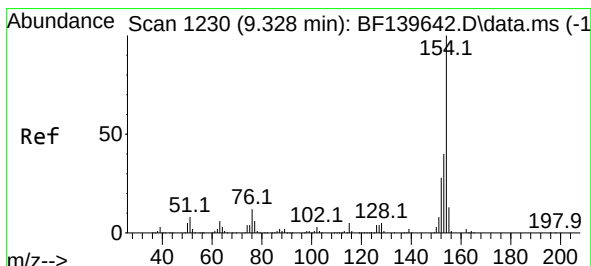
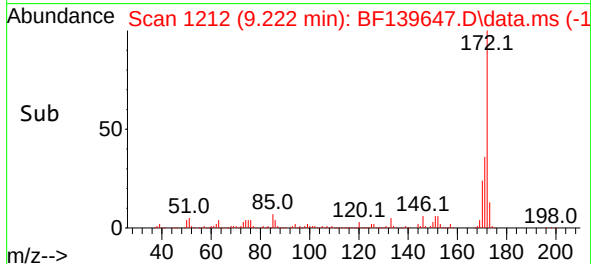
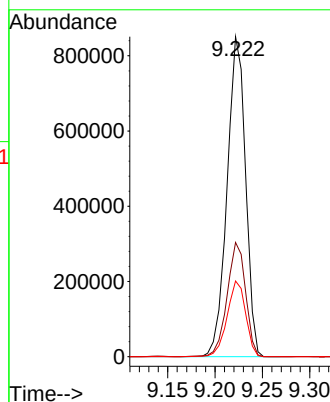
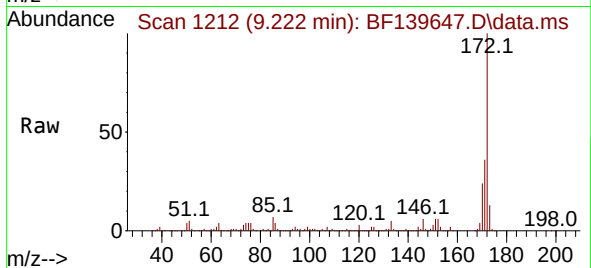
Tgt Ion:172 Resp: 1154929

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.435 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

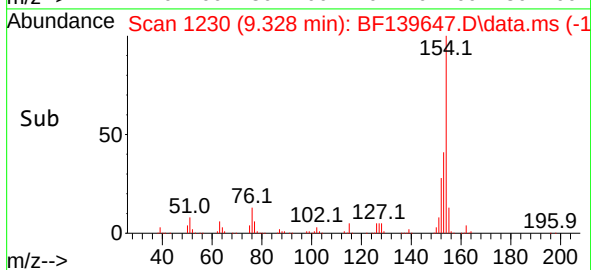
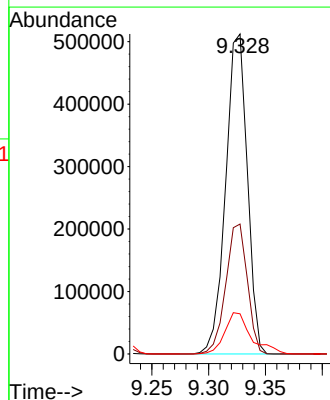
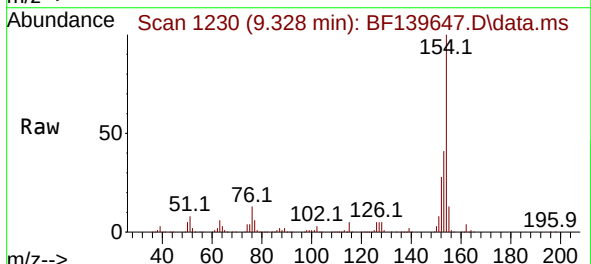
Tgt Ion:154 Resp: 677435

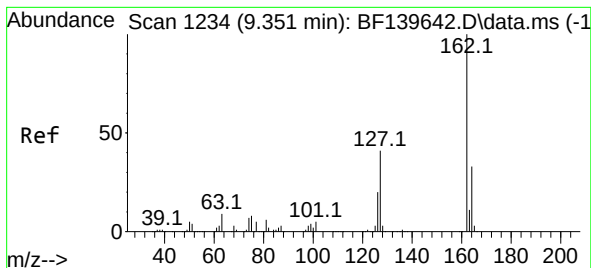
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.6 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.919 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

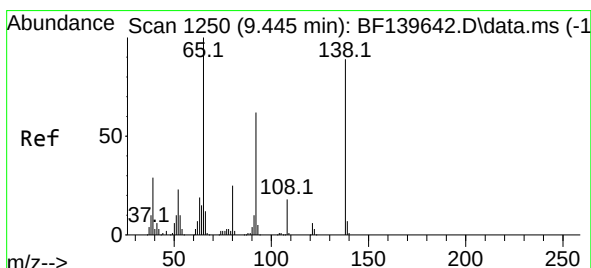
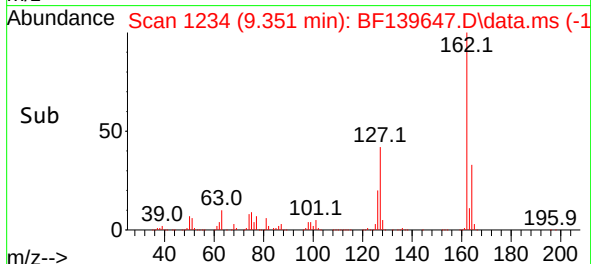
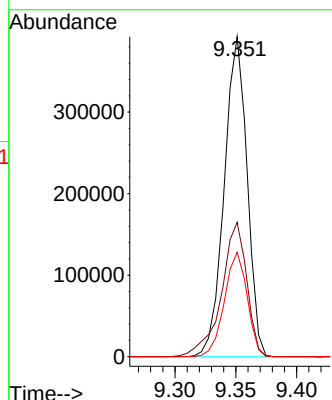
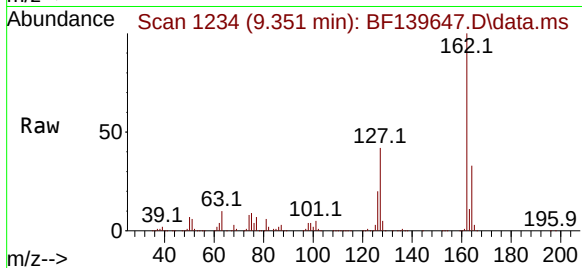
Tgt Ion:162 Resp: 513142

Ion Ratio Lower Upper

162 100

127 42.0 35.0 52.4

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 49.901 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

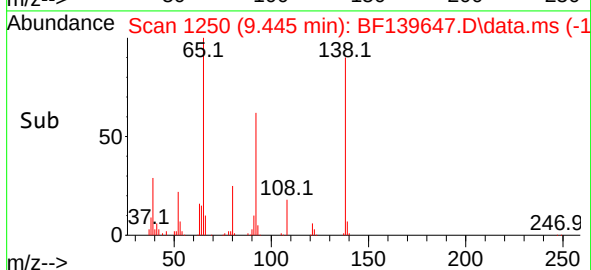
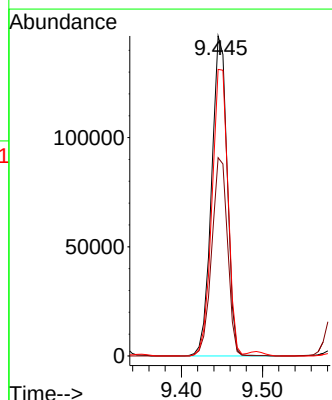
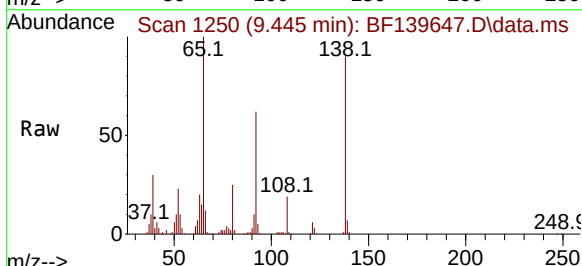
Tgt Ion: 65 Resp: 195912

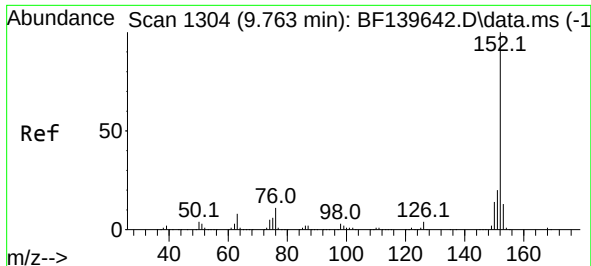
Ion Ratio Lower Upper

65 100

92 62.0 50.0 75.0

138 89.6 73.8 110.8





#49

Acenaphthylene

Concen: 50.499 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

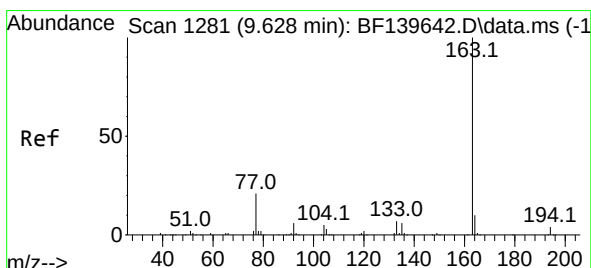
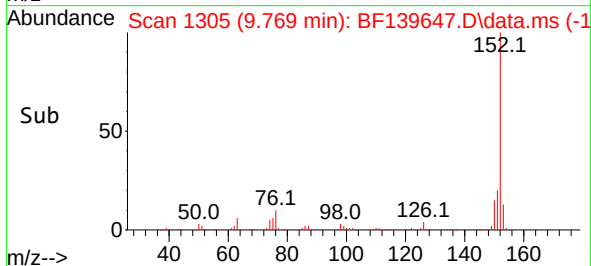
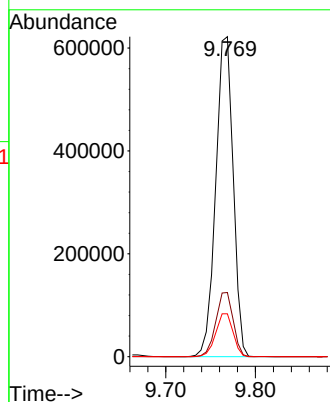
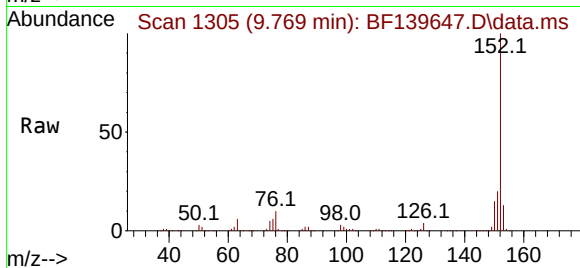
Tgt Ion:152 Resp: 839921

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 48.881 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

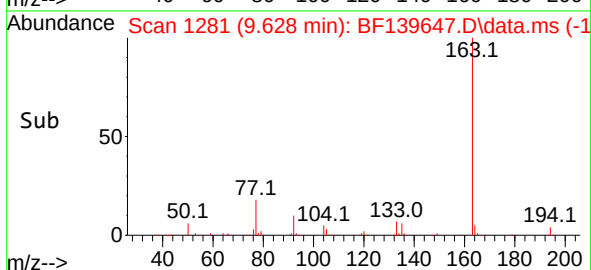
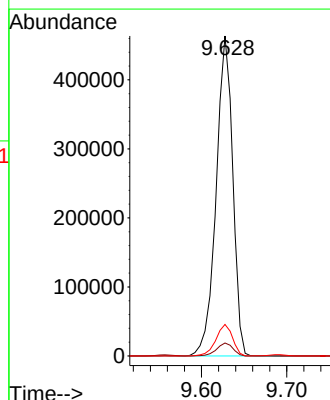
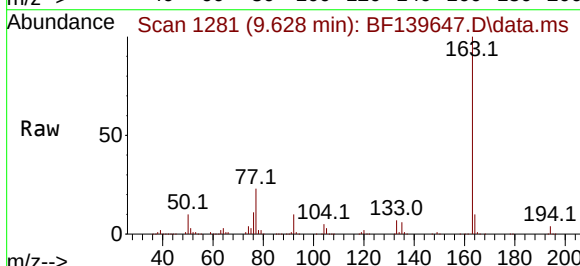
Tgt Ion:163 Resp: 627630

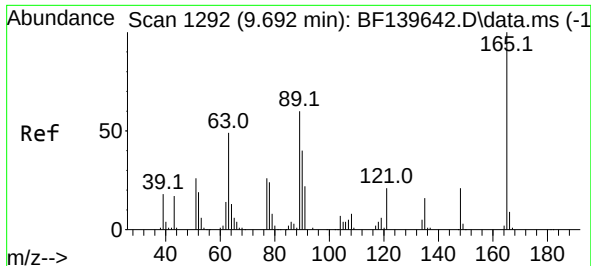
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.8 8.1 12.1

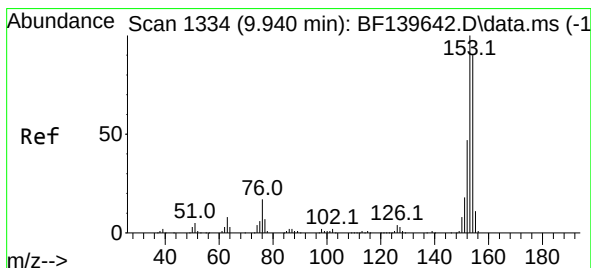
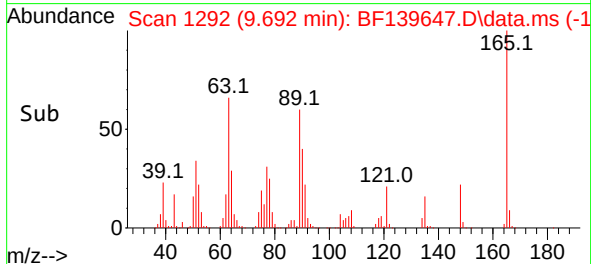
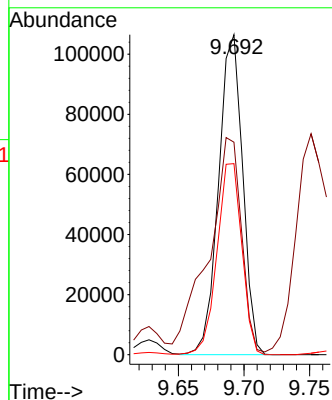
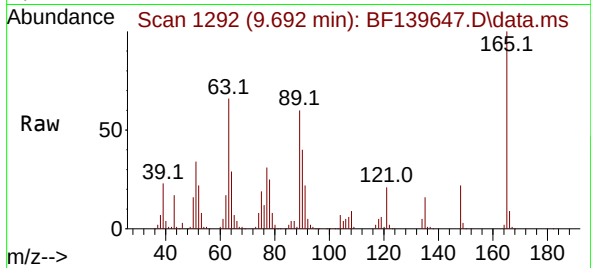




#51
2,6-Dinitrotoluene
Concen: 46.831 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

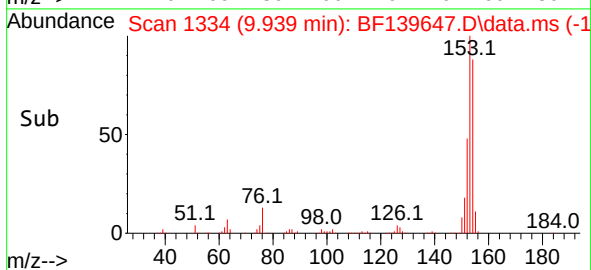
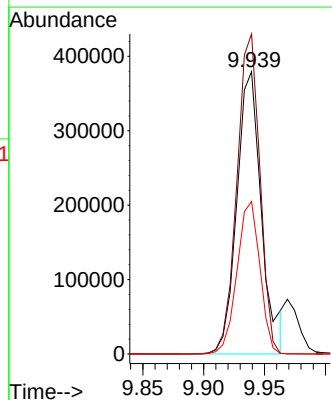
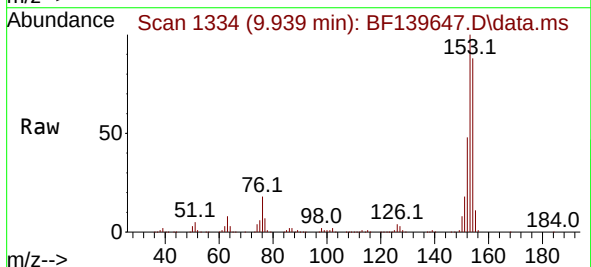
Instrument :
BNA_F
ClientSampleId :
PB163883BS

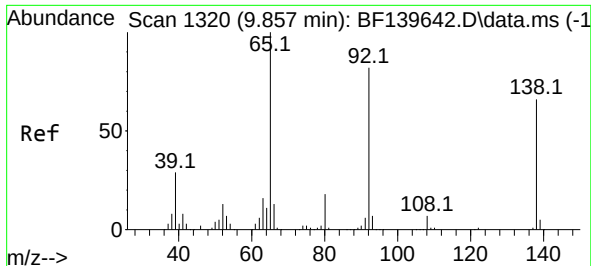
Tgt Ion:165 Resp: 135833
Ion Ratio Lower Upper
165 100
63 66.4 56.7 85.1
89 59.7 51.6 77.4



#52
Acenaphthene
Concen: 46.729 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:154 Resp: 533564
Ion Ratio Lower Upper
154 100
153 113.4 88.8 133.2
152 54.0 42.5 63.7

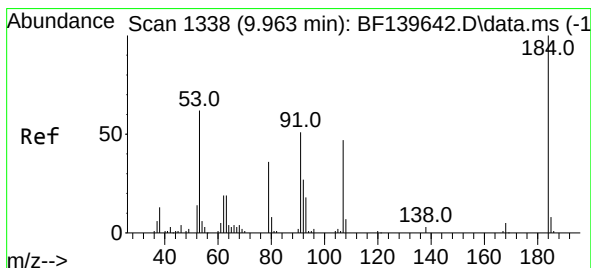
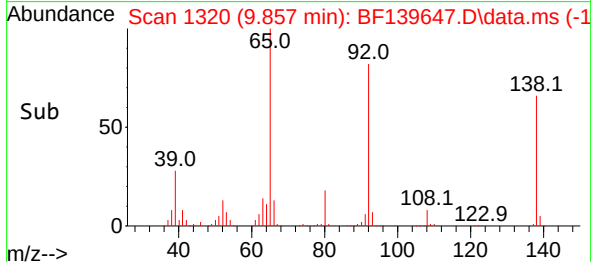
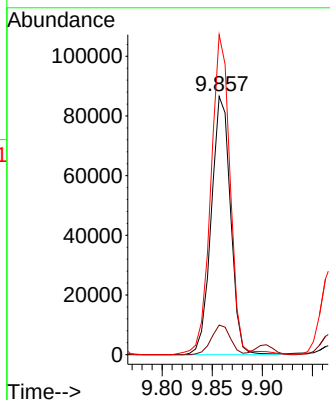
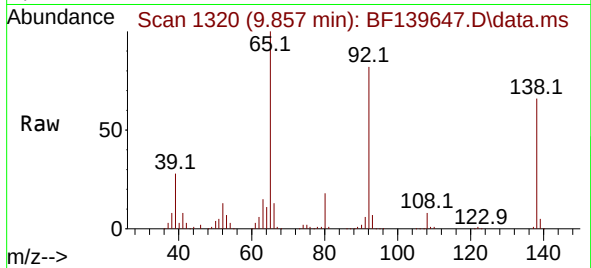




#53
3-Nitroaniline
Concen: 38.969 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

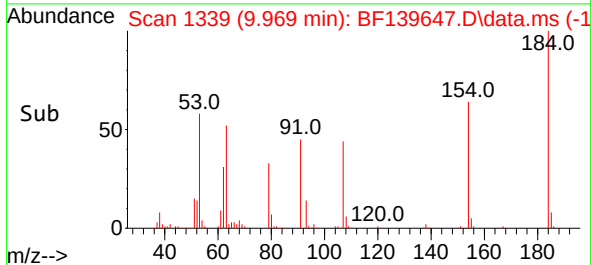
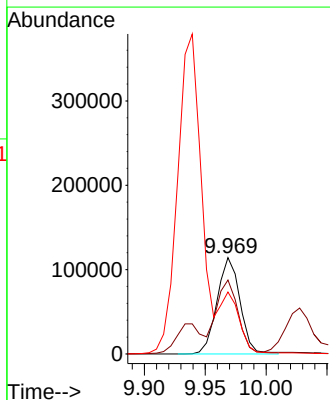
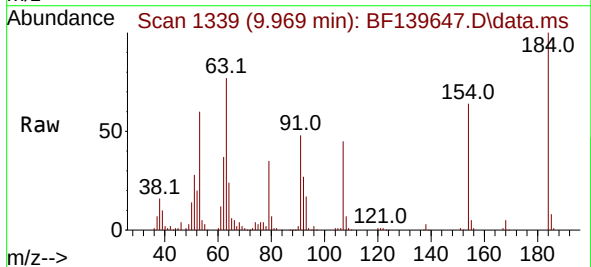
Instrument :
BNA_F
ClientSampleId :
PB163883BS

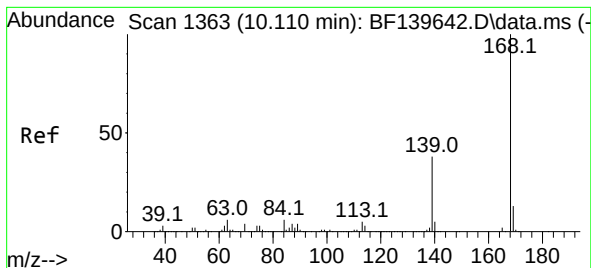
Tgt Ion:138 Resp: 115506
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 123.9 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 96.282 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:184 Resp: 150207
Ion Ratio Lower Upper
184 100
63 76.8 61.7 92.5
154 64.3 53.0 79.4





#55

Dibenzenofuran

Concen: 47.861 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

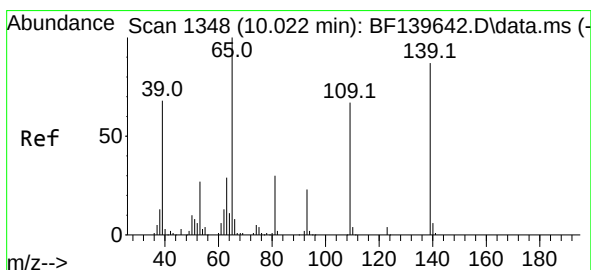
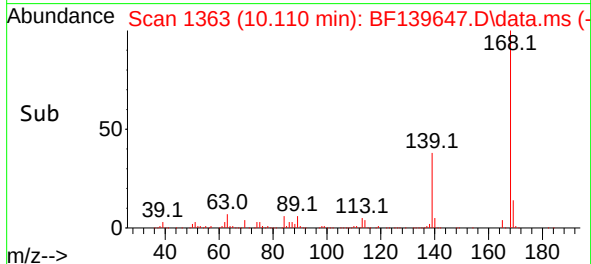
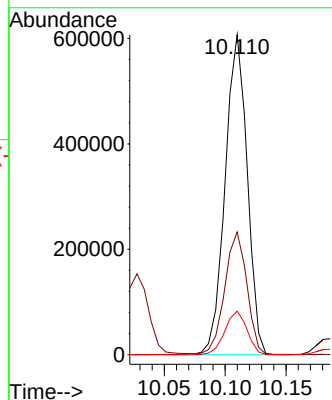
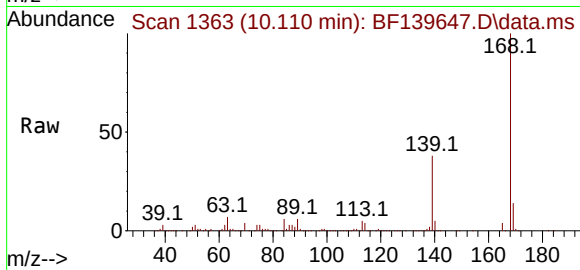
Tgt Ion:168 Resp: 765149

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 96.561 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

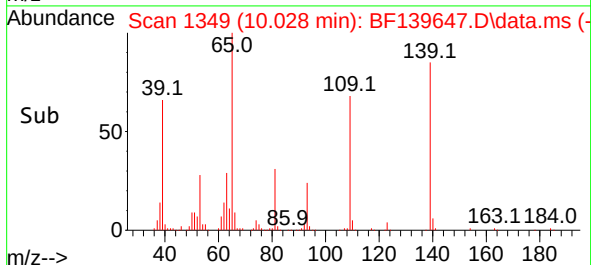
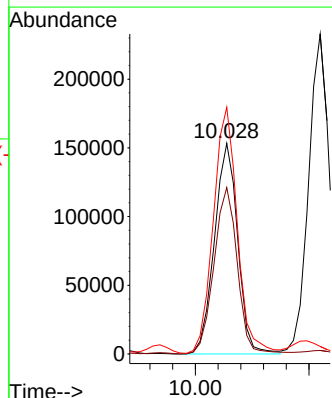
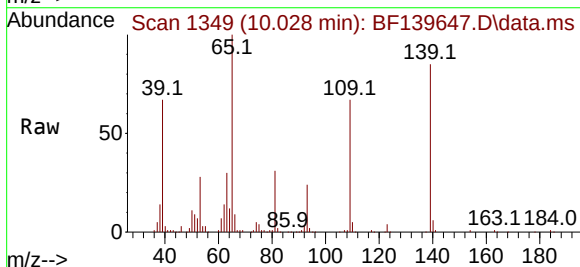
Tgt Ion:139 Resp: 218261

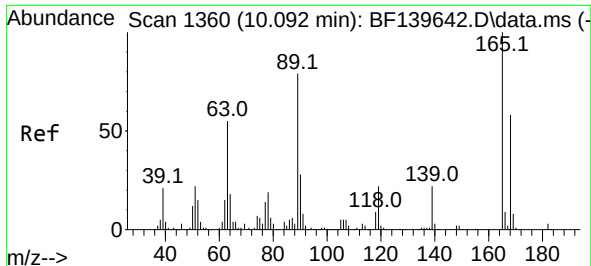
Ion Ratio Lower Upper

139 100

109 79.0 60.3 100.3

65 117.1 100.8 140.8



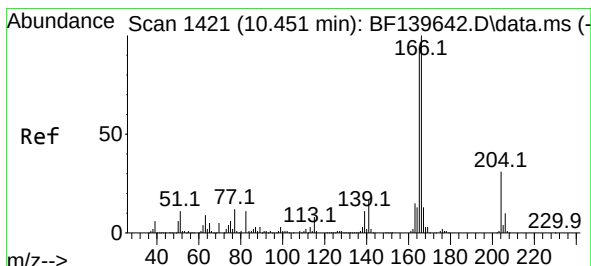
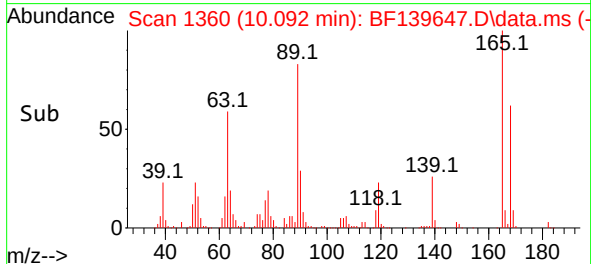
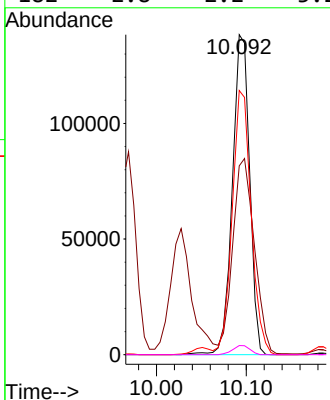
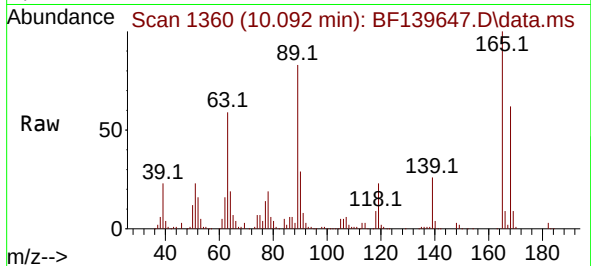


#57
2,4-Dinitrotoluene
Concen: 48.656 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163883BS

Tgt Ion:165 Resp: 184467

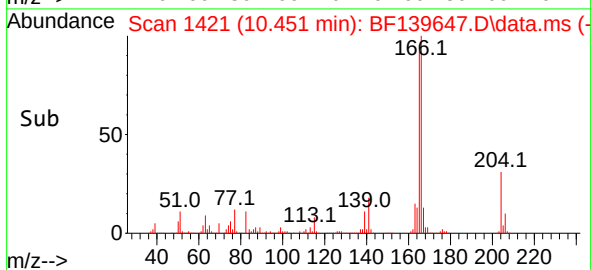
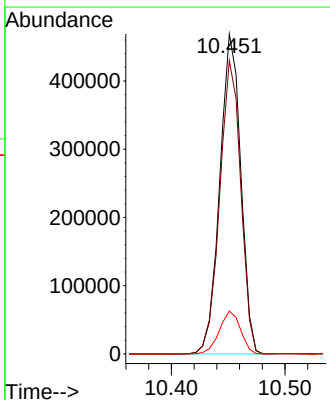
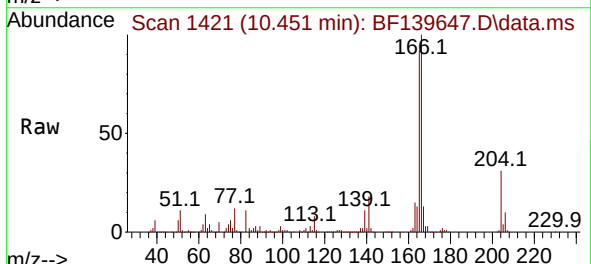
Ion	Ratio	Lower	Upper
165	100		
63	59.0	46.9	70.3
89	82.5	64.4	96.6
182	2.8	2.2	3.2

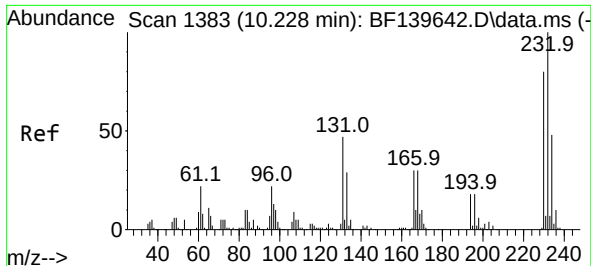


#58
Fluorene
Concen: 47.313 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:166 Resp: 602449

Ion	Ratio	Lower	Upper
166	100		
165	91.6	74.4	111.6
167	13.4	10.9	16.3

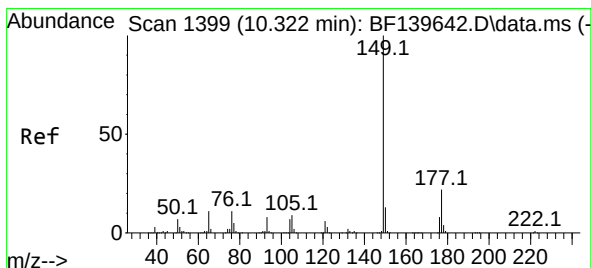
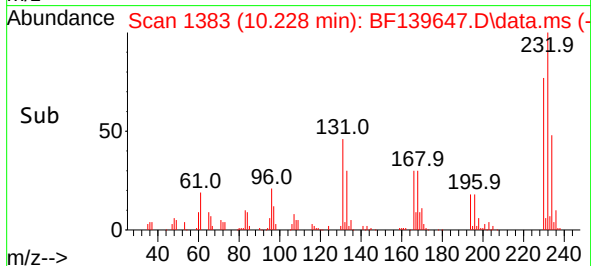
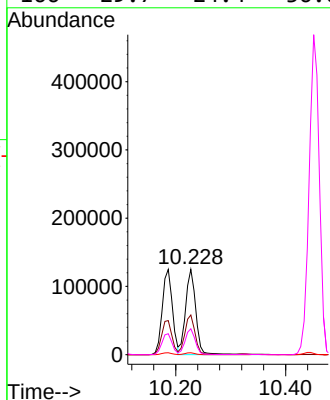
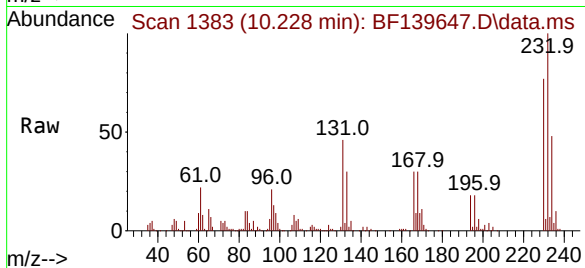




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.236 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

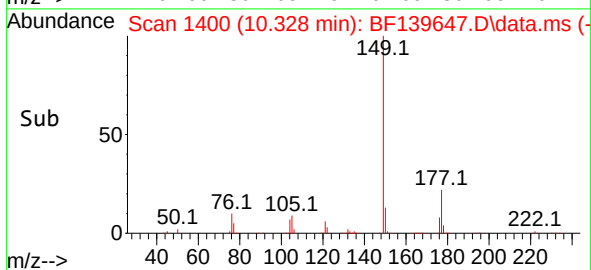
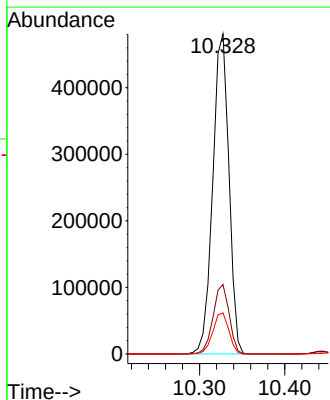
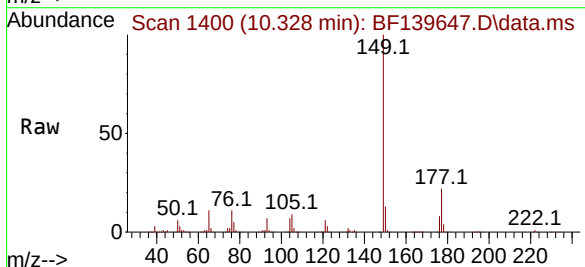
Instrument :
BNA_F
ClientSampleId :
PB163883BS

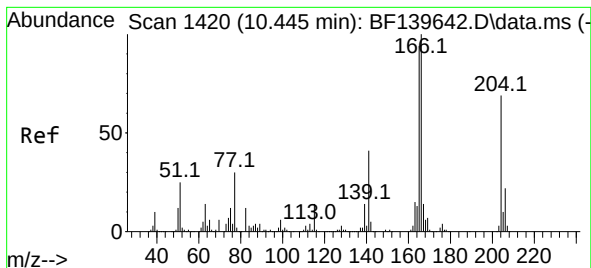
Tgt Ion:232 Resp: 160664
Ion Ratio Lower Upper
232 100
131 46.5 37.8 56.6
130 2.3 1.9 2.9
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 47.729 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:149 Resp: 632997
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.9 10.0 15.0

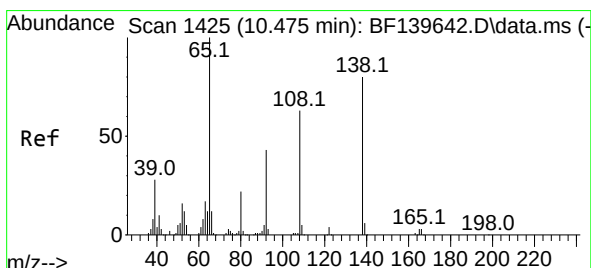
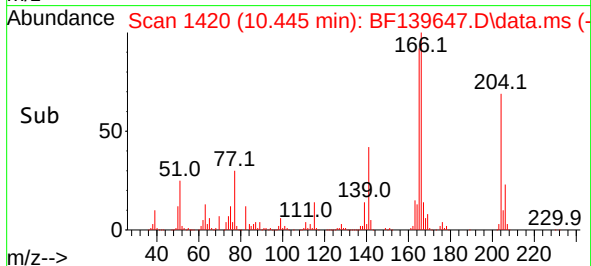
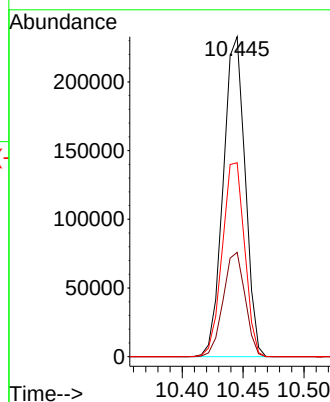
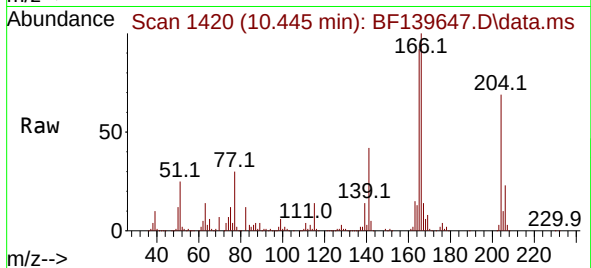




#61
4-Chlorophenyl-phenylether
Concen: 45.866 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

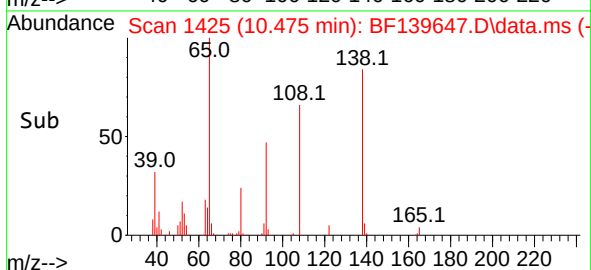
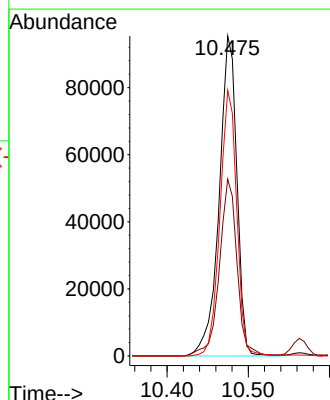
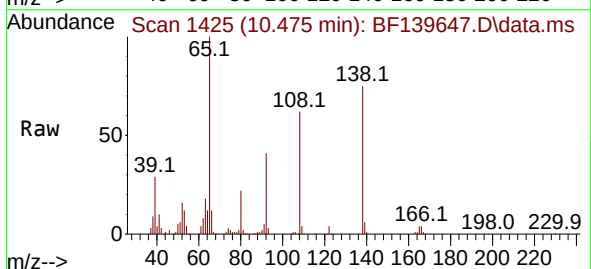
Instrument :
BNA_F
ClientSampleId :
PB163883BS

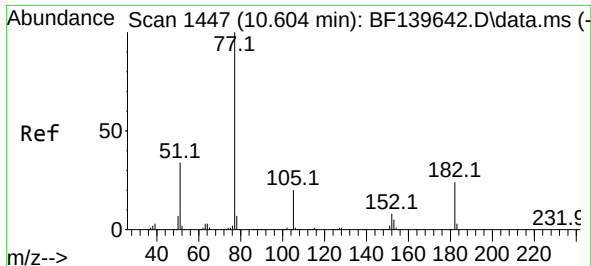
Tgt Ion:204 Resp: 292181
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.6 50.5 75.7



#62
4-Nitroaniline
Concen: 47.889 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:138 Resp: 145193
Ion Ratio Lower Upper
138 100
92 55.2 33.3 73.3
108 83.0 62.1 102.1

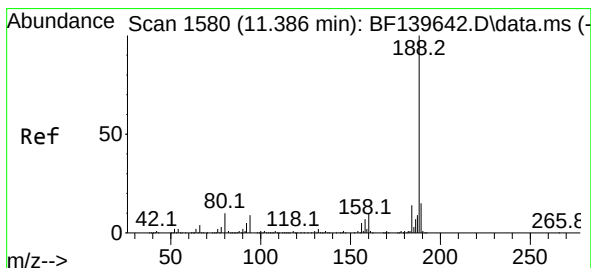
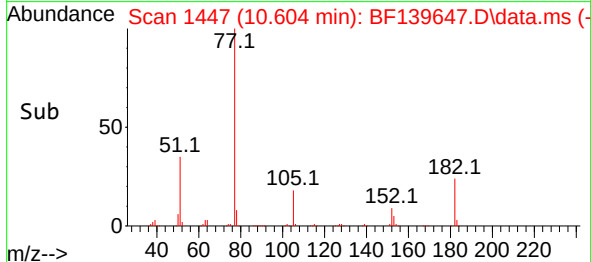
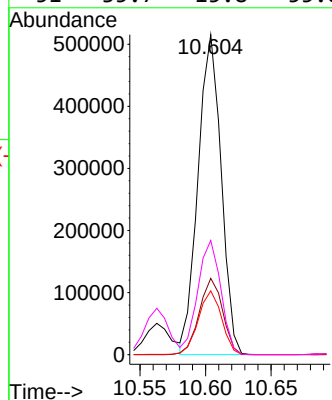
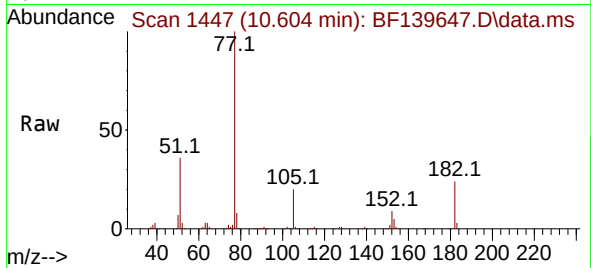




#63
Azobenzene
Concen: 47.463 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

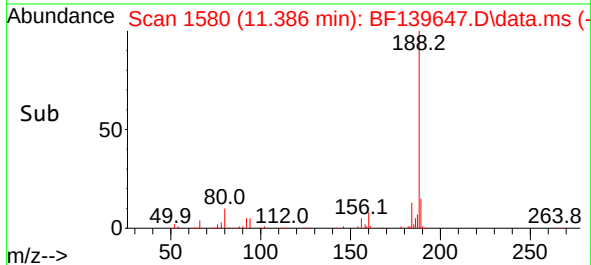
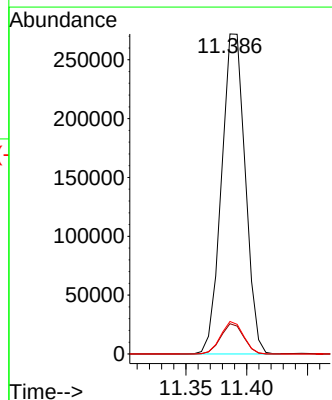
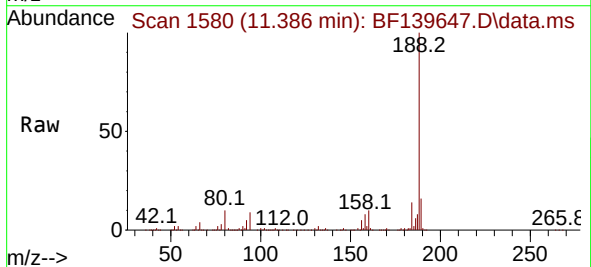
Instrument :
BNA_F
ClientSampleId :
PB163883BS

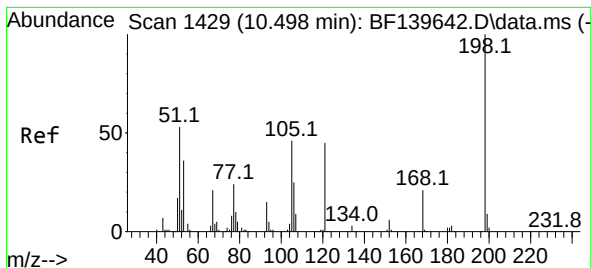
Tgt Ion:	77	Resp:	633031
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.2	44.2
105	19.9	0.0	39.6
51	35.7	15.8	55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:	188	Resp:	367991
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.1	8.2	12.2

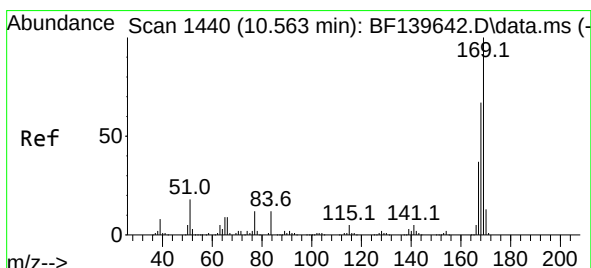
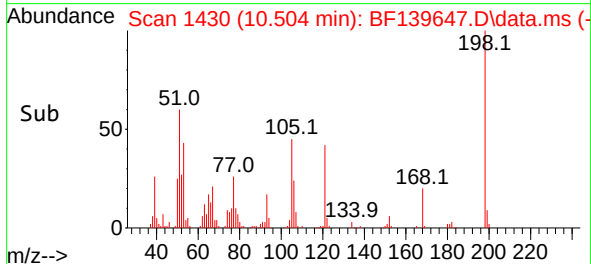
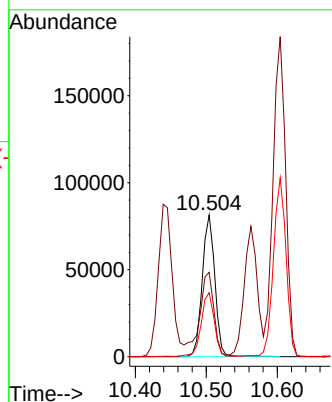
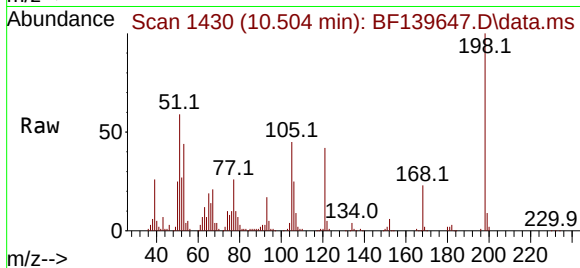




#65
4,6-Dinitro-2-methylphenol
Concen: 48.383 ng
RT: 10.504 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

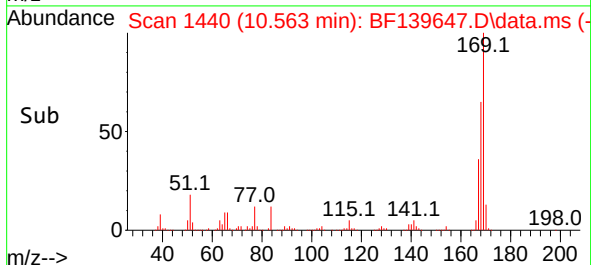
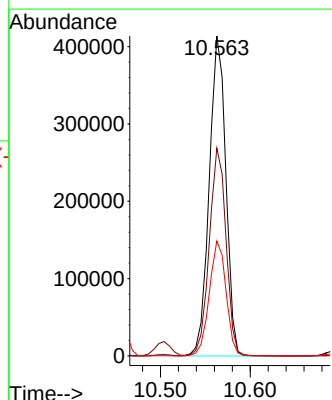
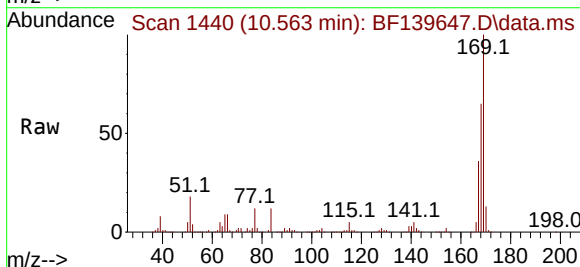
Instrument :
BNA_F
ClientSampleId :
PB163883BS

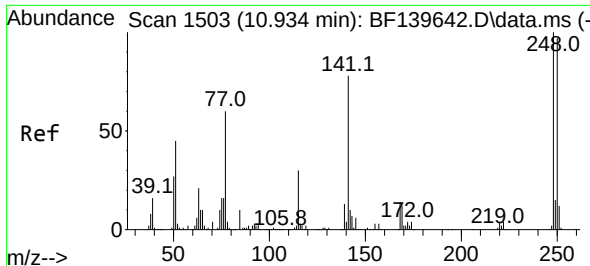
Tgt Ion:198 Resp: 100557
Ion Ratio Lower Upper
198 100
51 59.4 43.0 83.0
105 45.1 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 49.008 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:169 Resp: 531590
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 36.0 28.6 43.0

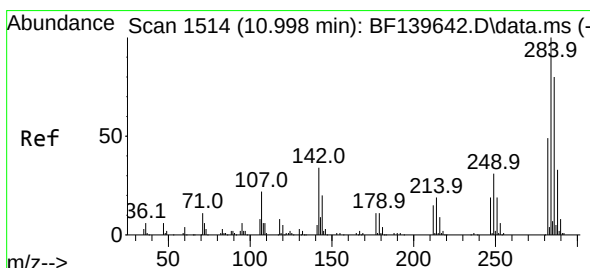
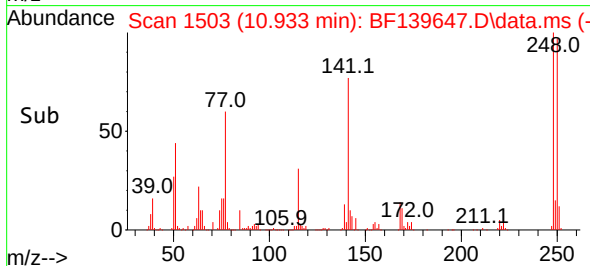
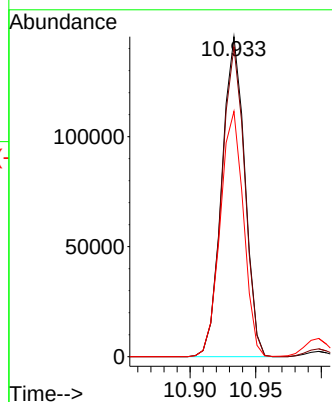
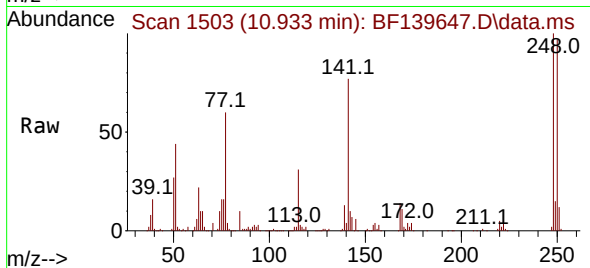




#67
4-Bromophenyl-phenylether
Concen: 46.965 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

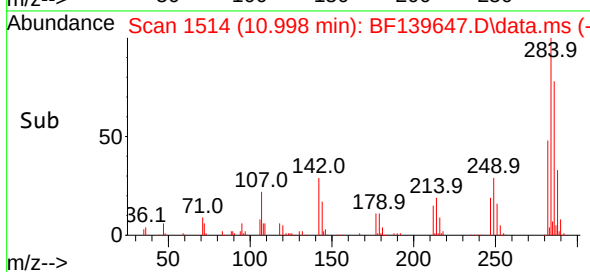
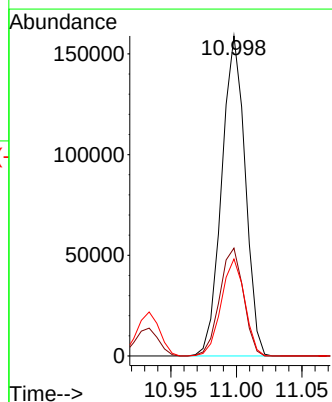
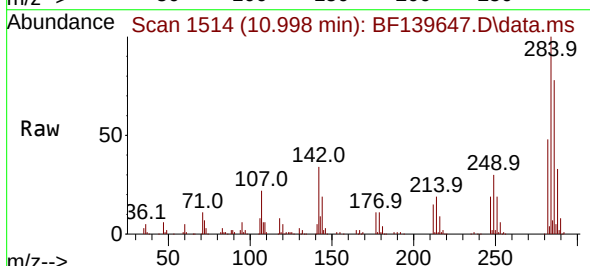
Instrument :
BNA_F
ClientSampleId :
PB163883BS

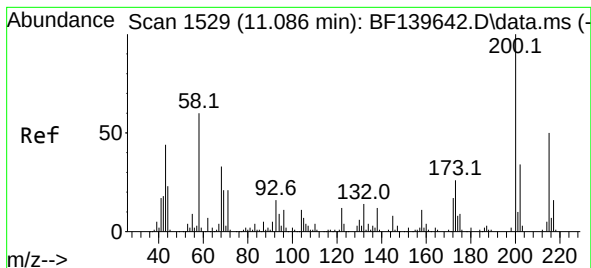
Tgt Ion:248 Resp: 177201
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 76.7 60.4 90.6



#68
Hexachlorobenzene
Concen: 47.183 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:284 Resp: 197543
Ion Ratio Lower Upper
284 100
142 33.7 26.9 40.3
249 30.3 25.4 38.0





#69

Atrazine

Concen: 60.822 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

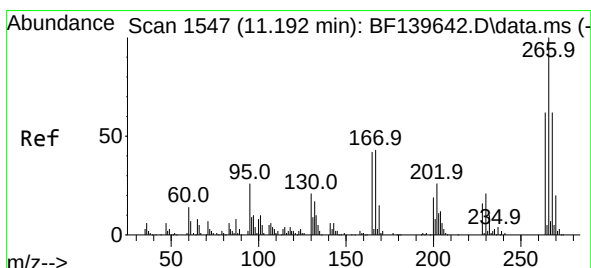
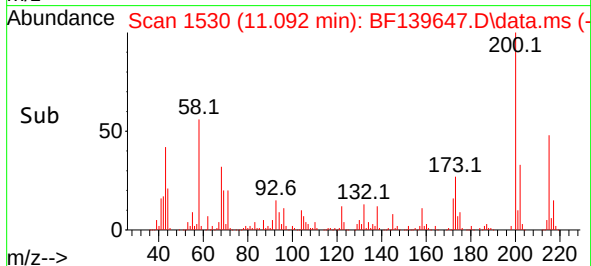
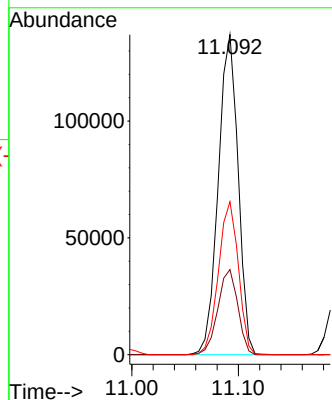
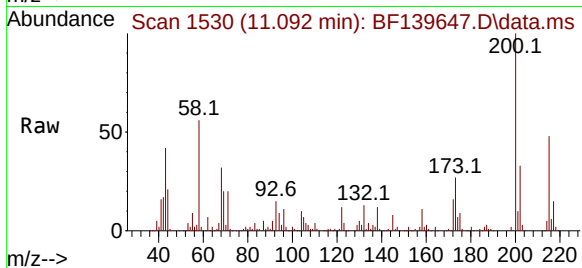
Tgt Ion:200 Resp: 177009

Ion Ratio Lower Upper

200 100

173 26.6 6.7 46.7

215 47.8 27.5 67.5



#70

Pentachlorophenol

Concen: 87.187 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

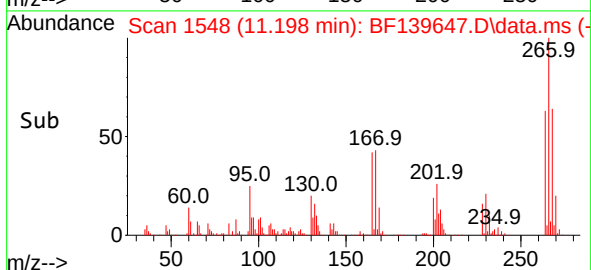
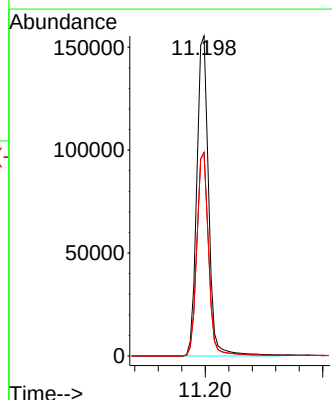
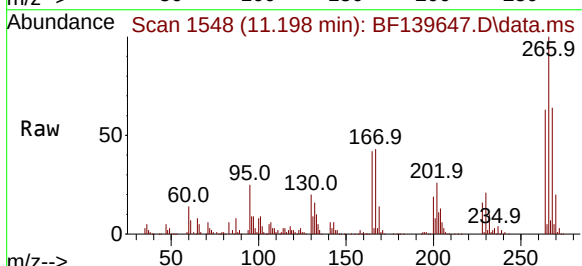
Tgt Ion:266 Resp: 217355

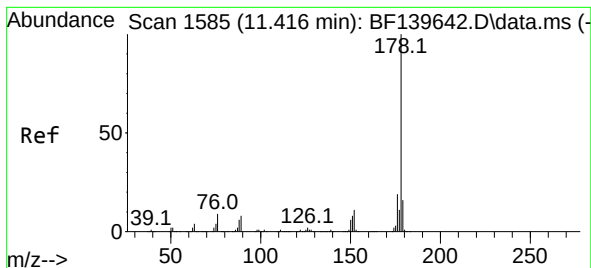
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

264 63.4 49.3 73.9





#71

Phenanthrene

Concen: 48.950 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

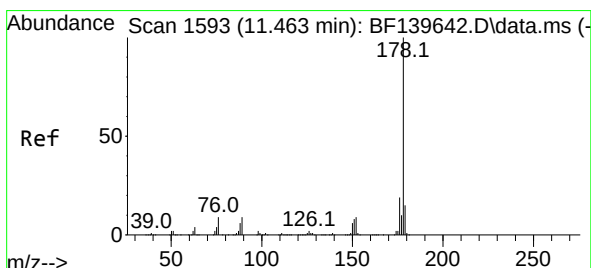
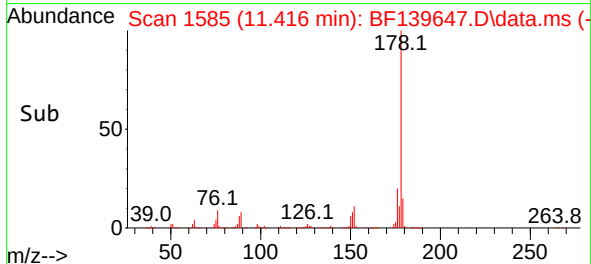
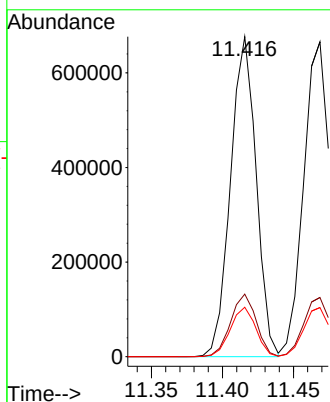
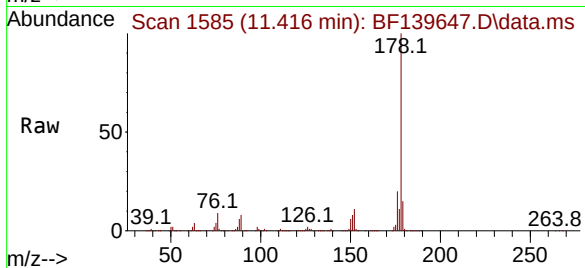
Tgt Ion:178 Resp: 849333

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.4 12.3 18.5



#72

Anthracene

Concen: 49.995 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

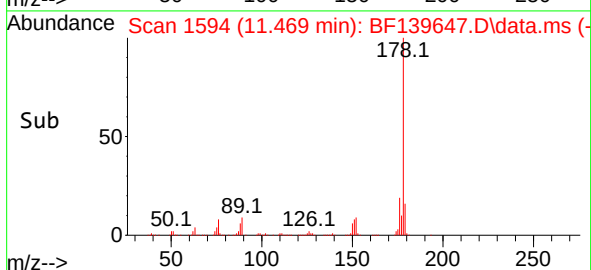
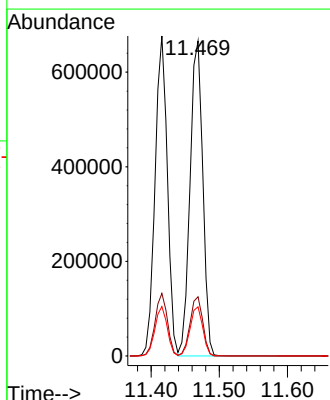
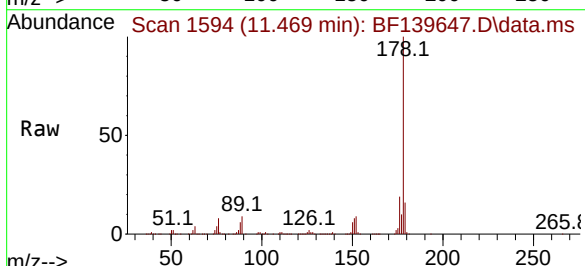
Tgt Ion:178 Resp: 858179

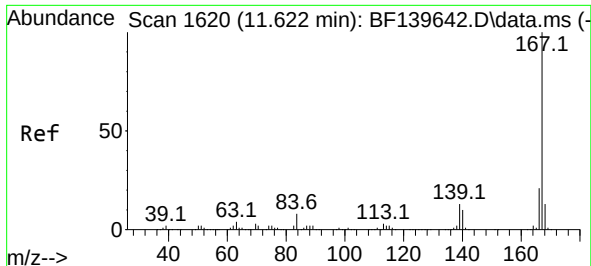
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

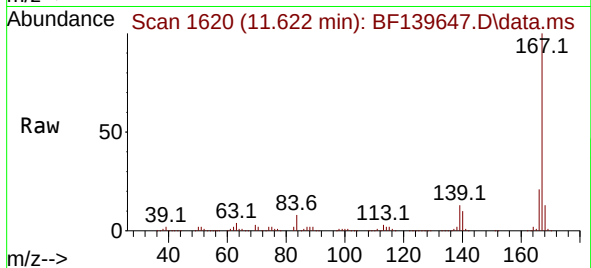
179 15.6 12.5 18.7



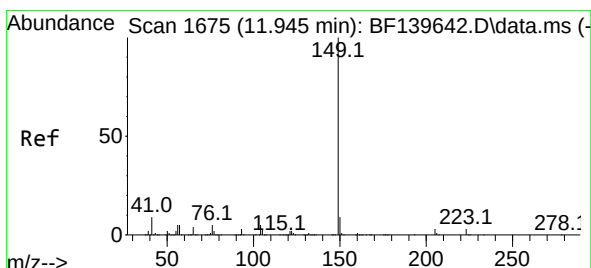
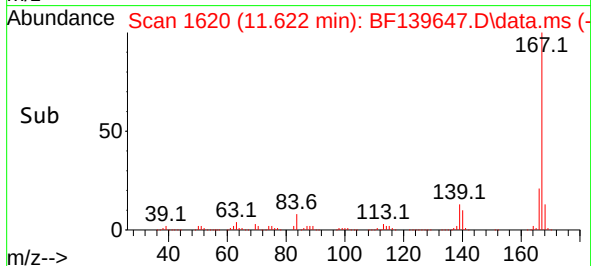
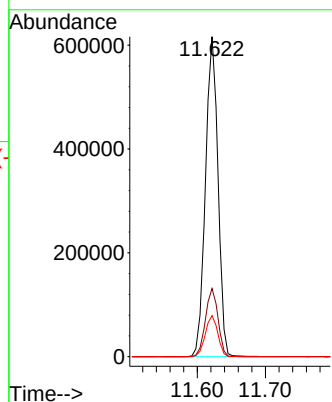


#73
 Carbazole
 Concen: 47.787 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS

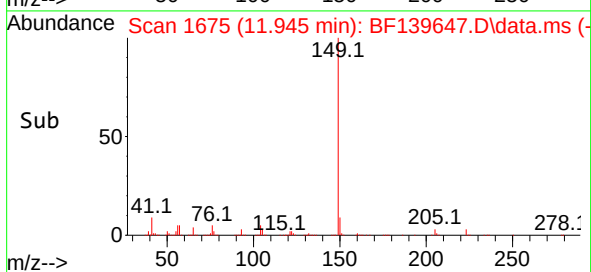
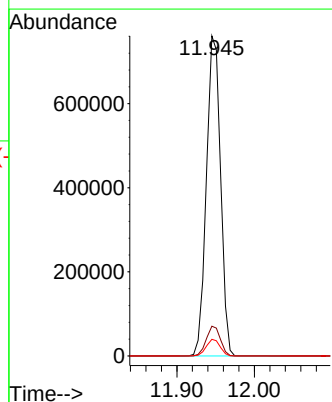
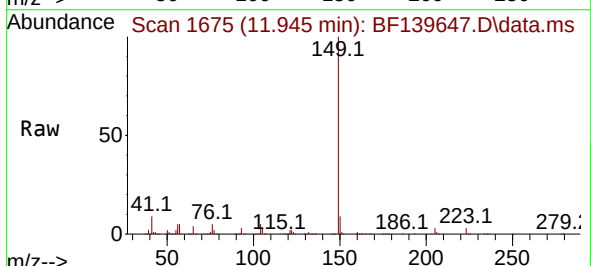


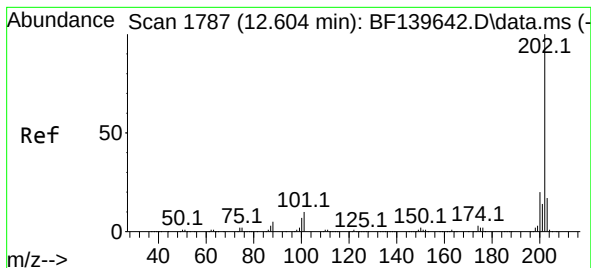
Tgt Ion:167 Resp: 787852
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.115 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

Tgt Ion:149 Resp: 964628
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 45.473 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

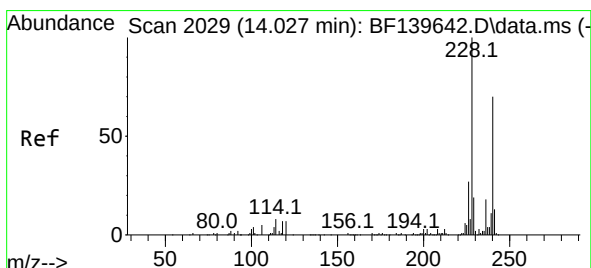
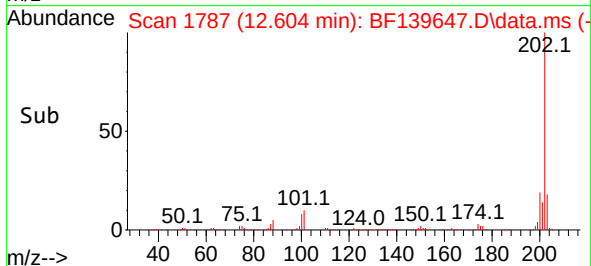
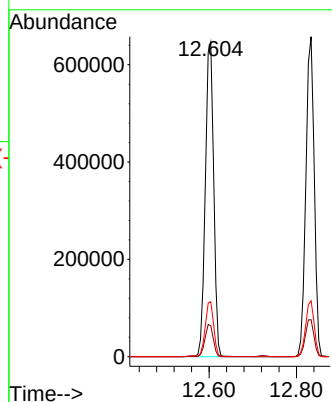
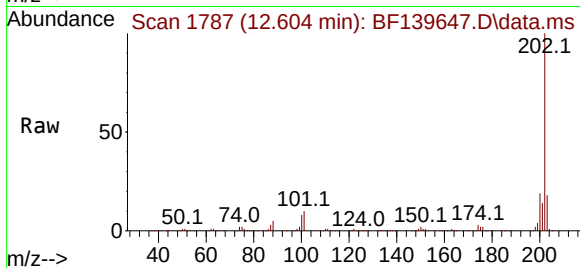
Tgt Ion:202 Resp: 862506

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

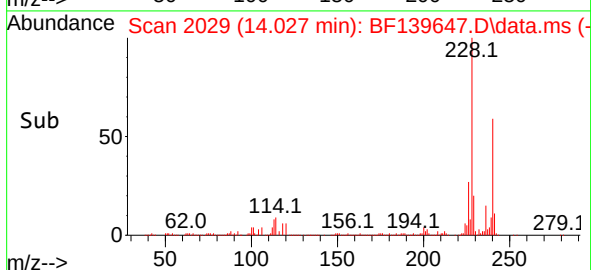
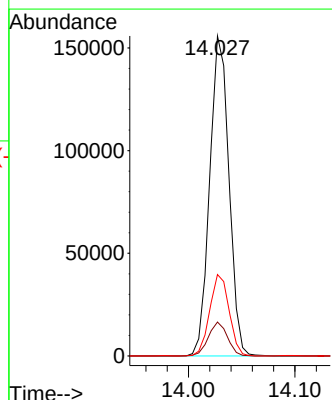
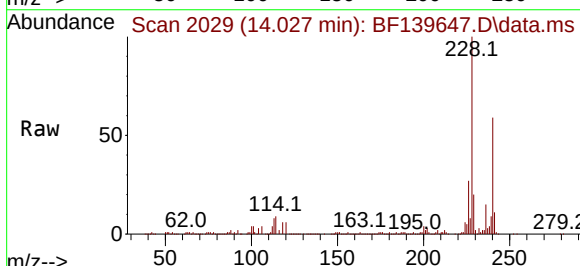
Tgt Ion:240 Resp: 195485

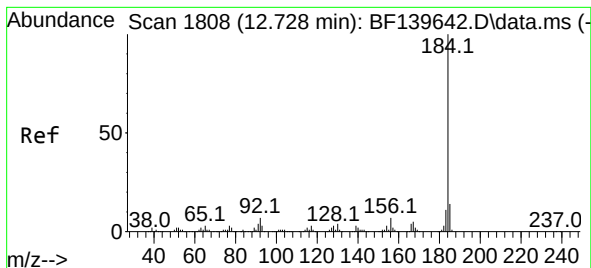
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.5 20.3 30.5





#77

Benzidine

Concen: 126.134 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

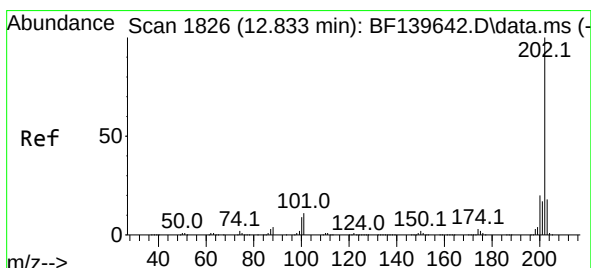
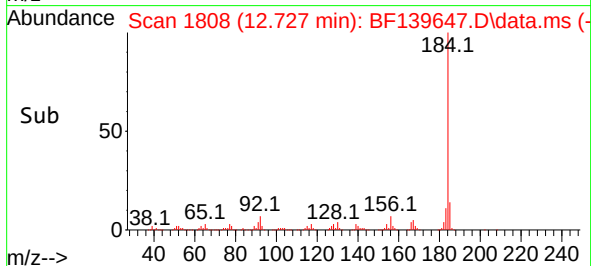
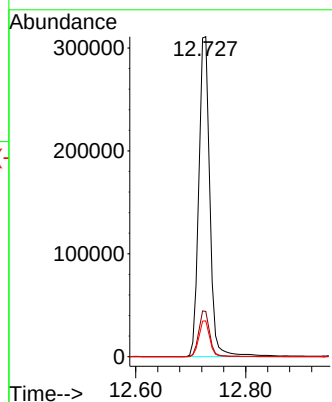
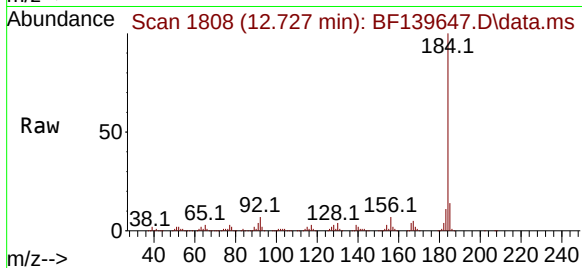
Tgt Ion:184 Resp: 434924

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.2 8.8 13.2



#78

Pyrene

Concen: 49.543 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

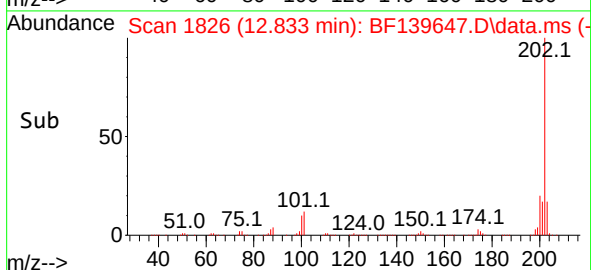
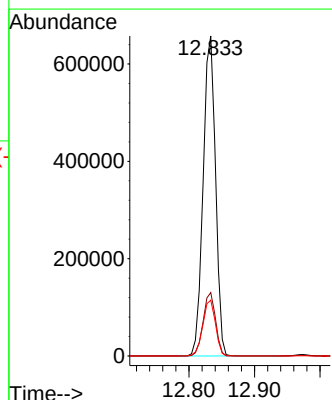
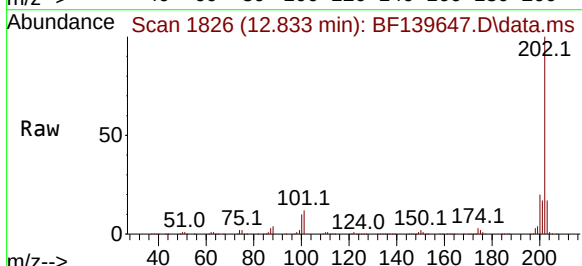
Tgt Ion:202 Resp: 866218

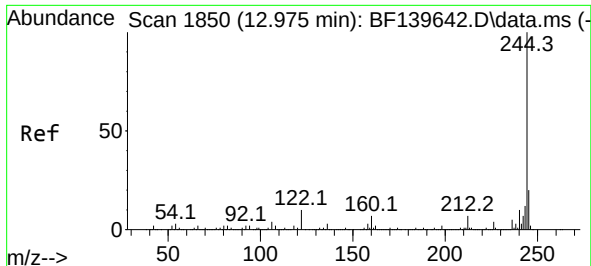
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.6

203 17.4 13.8 20.8

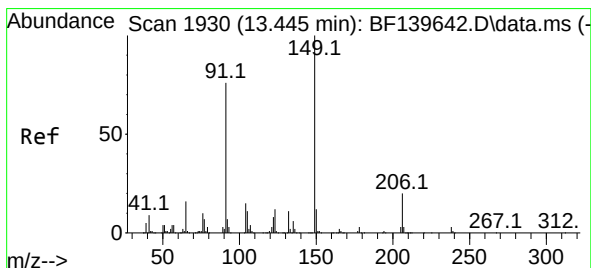
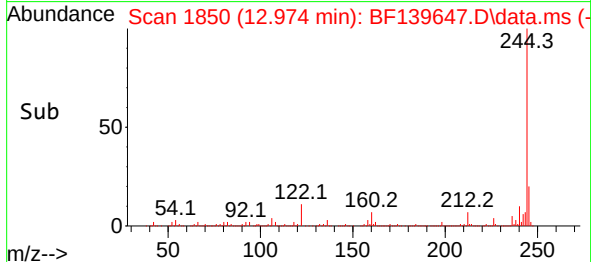
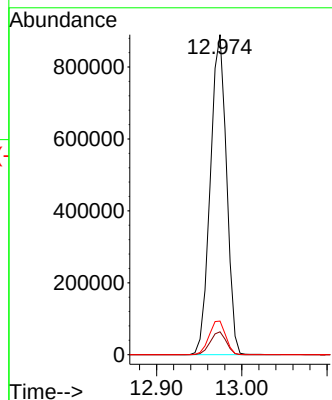
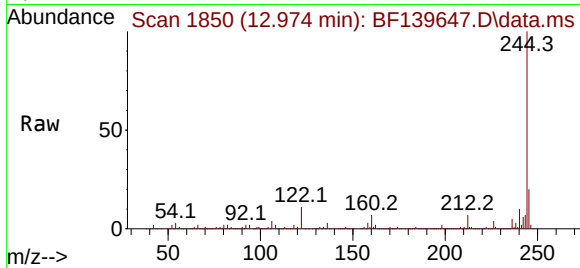




#79
 Terphenyl-d14
 Concen: 98.601 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

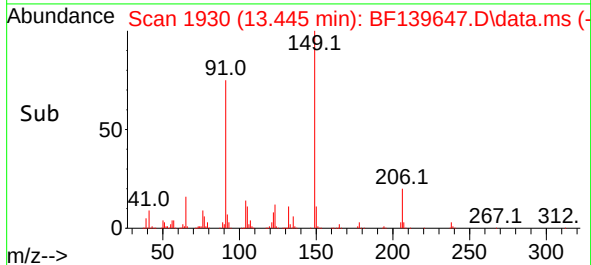
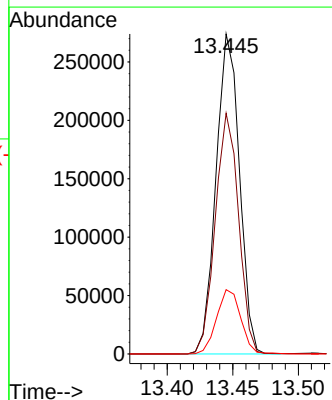
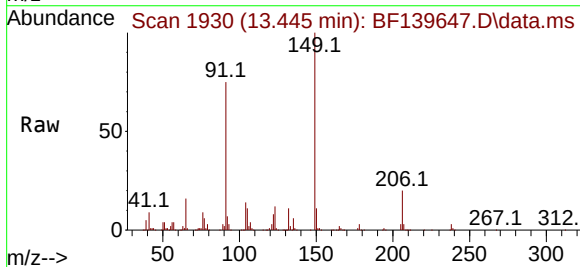
Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS

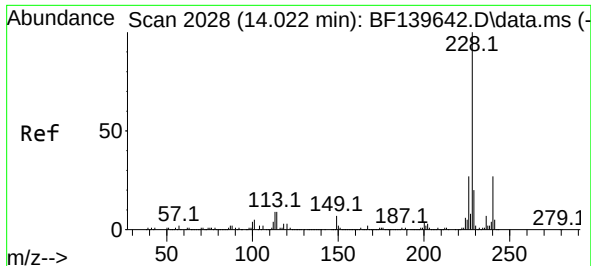
Tgt Ion:244 Resp: 1174711
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 54.390 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

Tgt Ion:149 Resp: 340151
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.0 91.4
 206 20.1 16.6 24.8

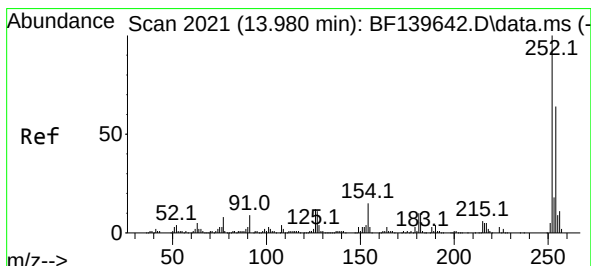
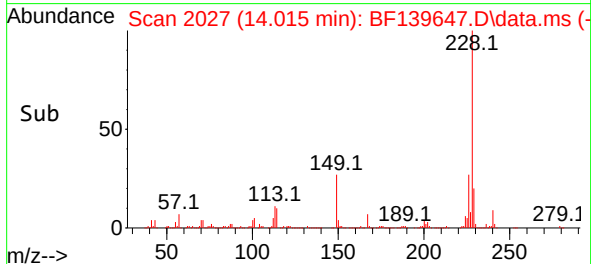
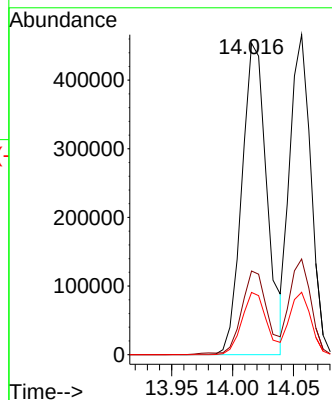
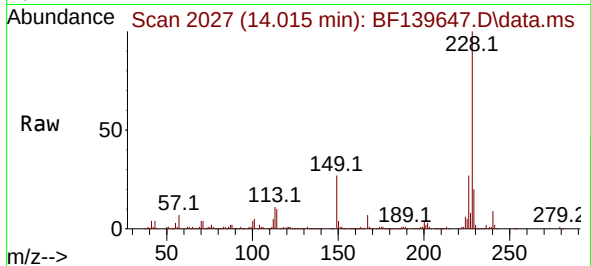




#81
Benzo(a)anthracene
Concen: 50.820 ng
RT: 14.015 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

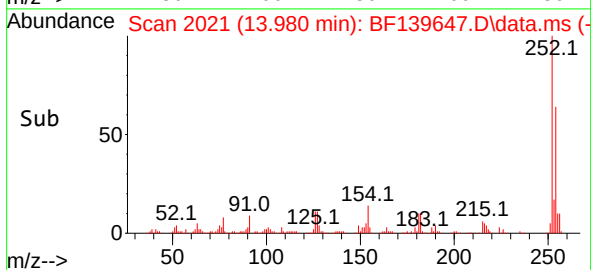
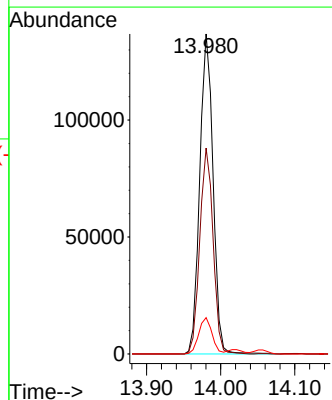
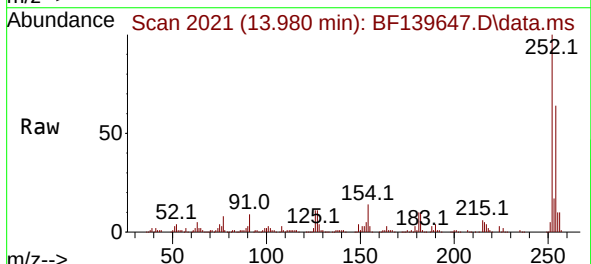
Instrument :
BNA_F
ClientSampleId :
PB163883BS

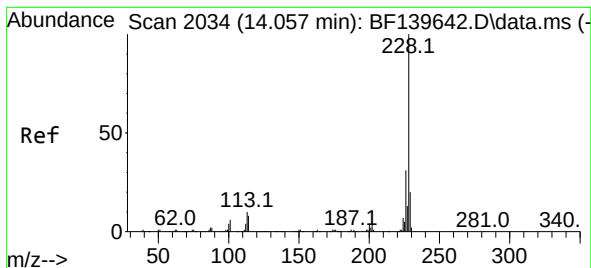
Tgt Ion:228 Resp: 653162
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 43.270 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:252 Resp: 170199
Ion Ratio Lower Upper
252 100
254 64.3 50.5 75.7
126 11.4 8.8 13.2





#83

Chrysene

Concen: 47.838 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

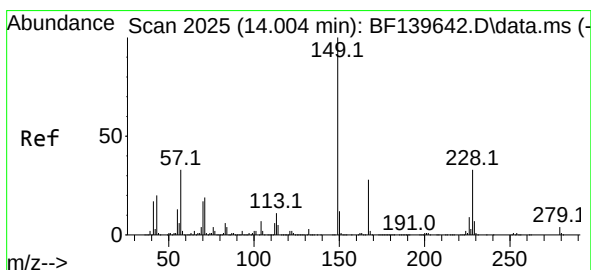
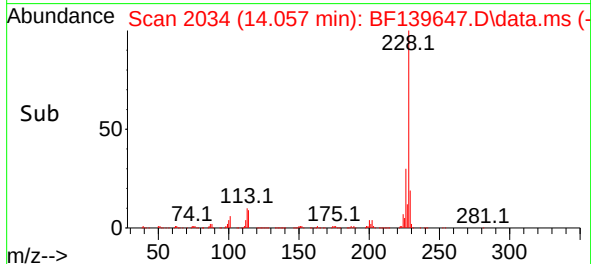
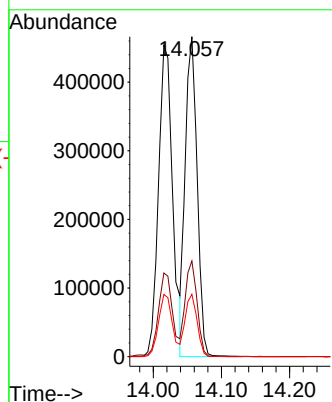
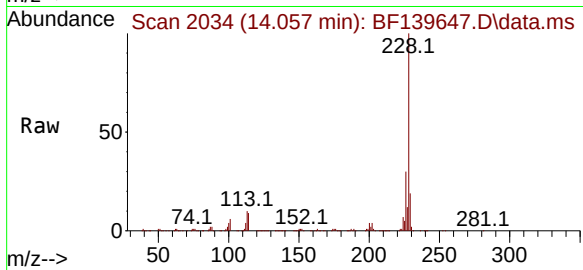
Tgt Ion:228 Resp: 562118

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.228 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

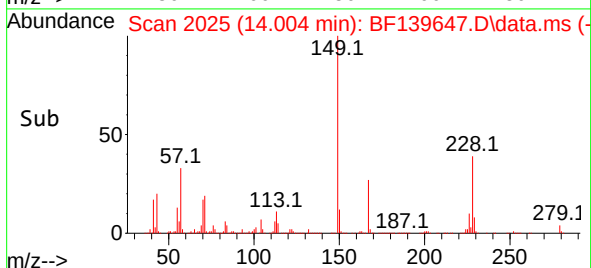
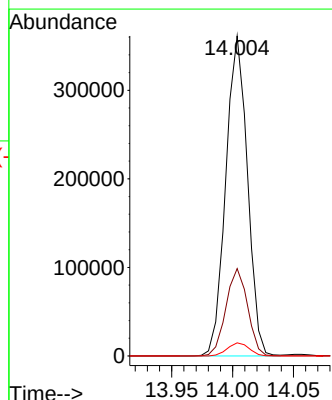
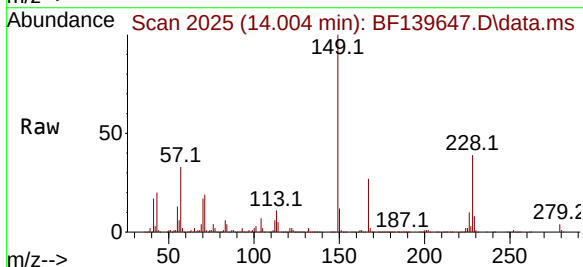
Tgt Ion:149 Resp: 446904

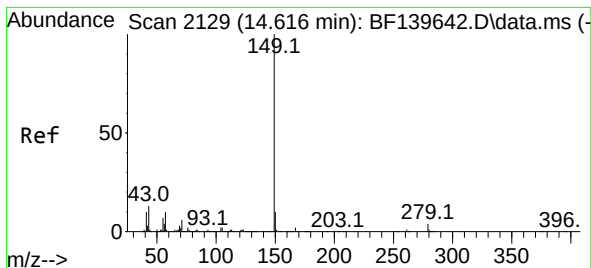
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.877 ng

RT: 14.615 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

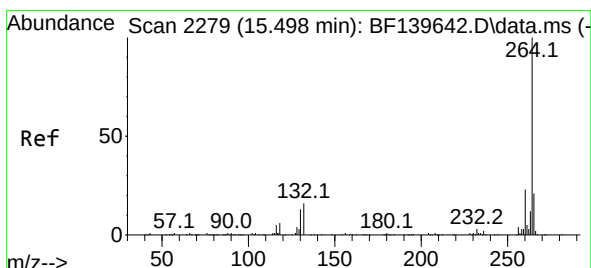
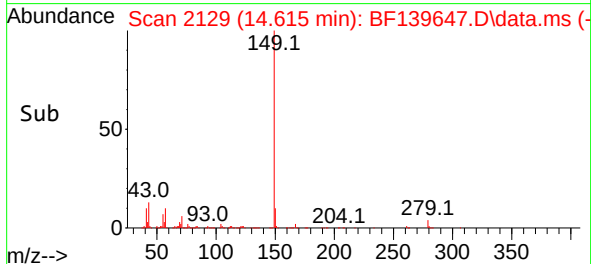
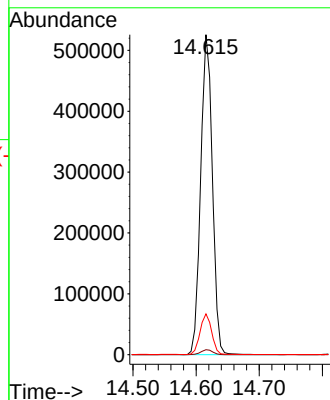
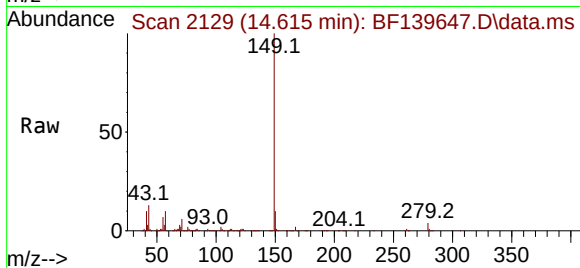
Tgt Ion:149 Resp: 675474

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2278

Delta R.T. -0.012 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

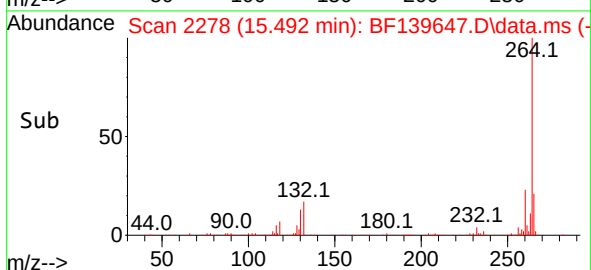
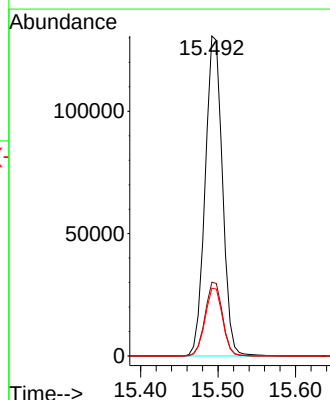
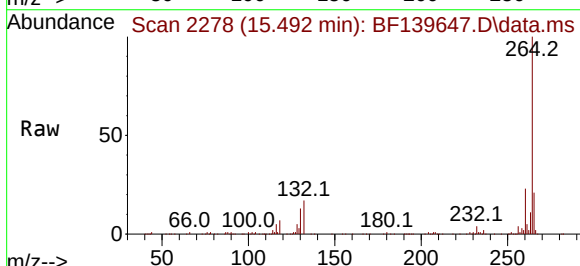
Tgt Ion:264 Resp: 202104

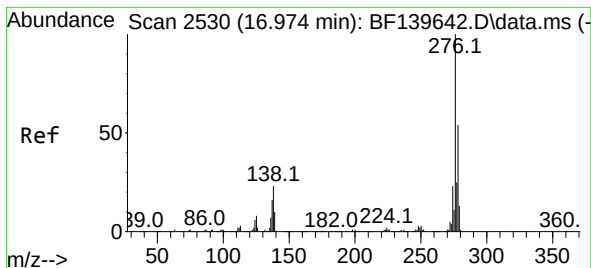
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.651 ng

RT: 16.974 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

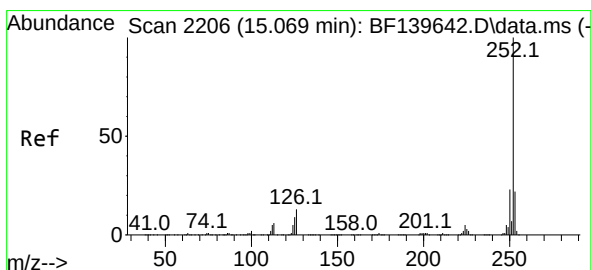
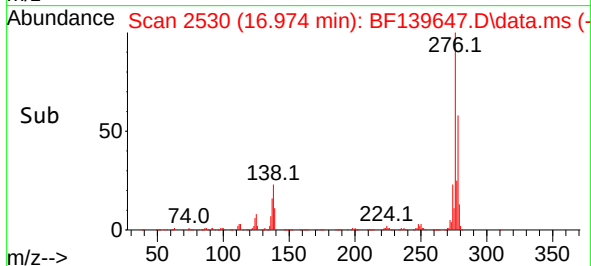
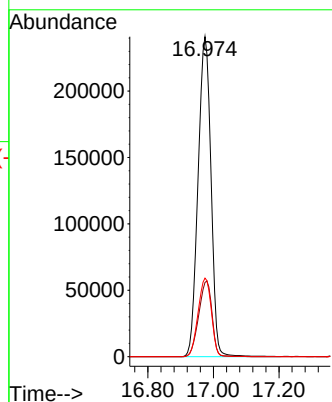
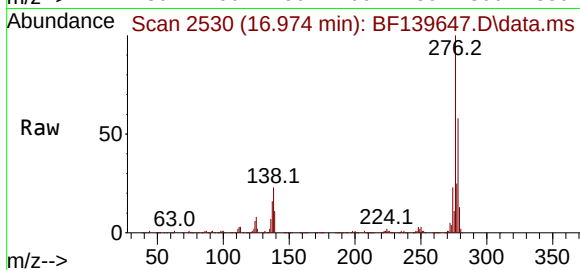
Tgt Ion:276 Resp: 661995

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.892 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

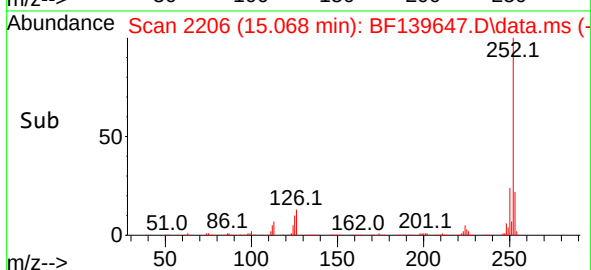
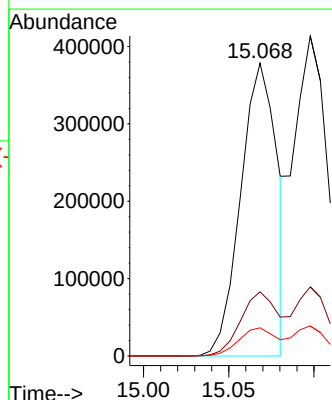
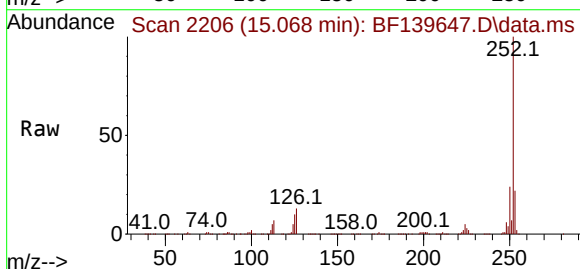
Tgt Ion:252 Resp: 560498

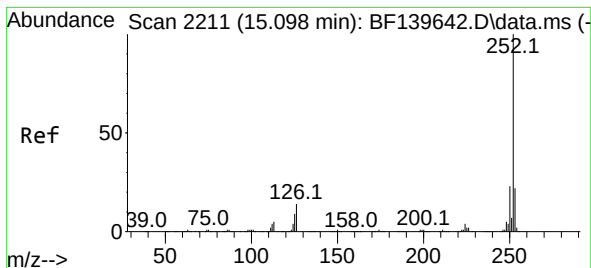
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.939 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

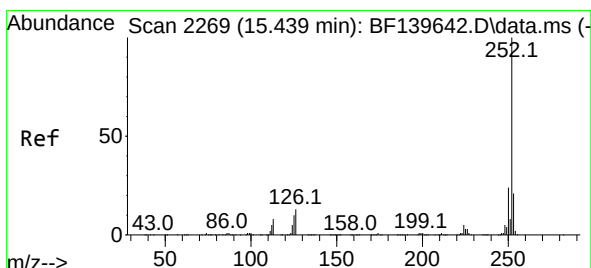
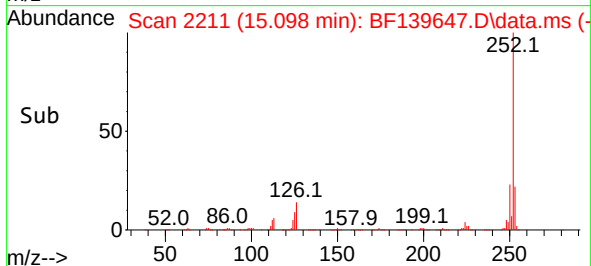
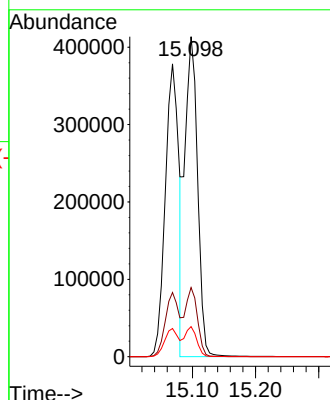
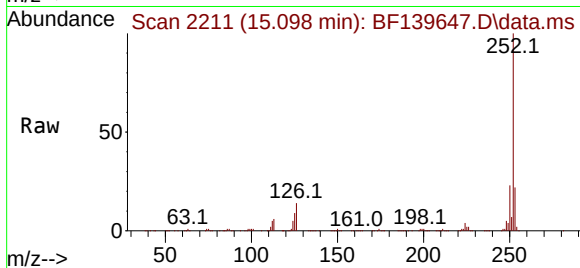
Tgt Ion:252 Resp: 575745

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.808 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

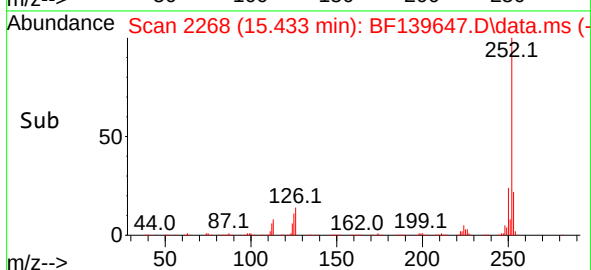
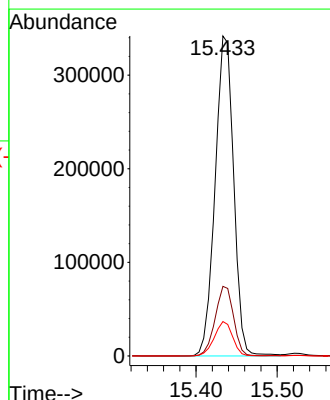
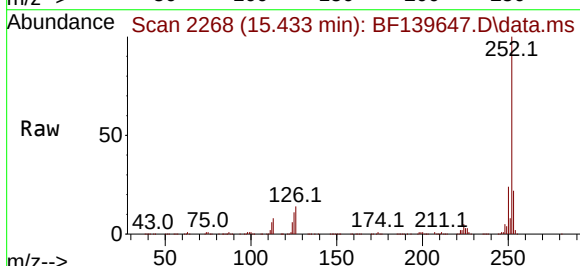
Tgt Ion:252 Resp: 544126

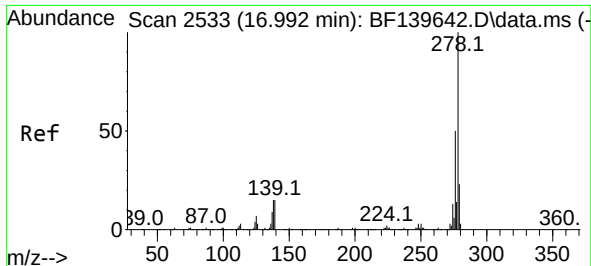
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.8 8.3 12.5

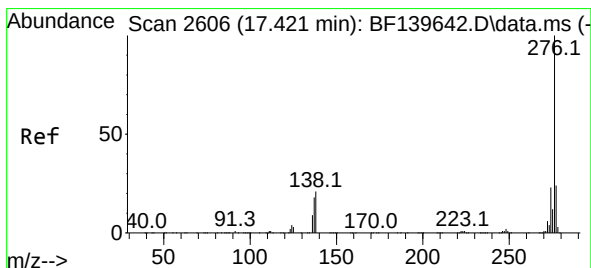
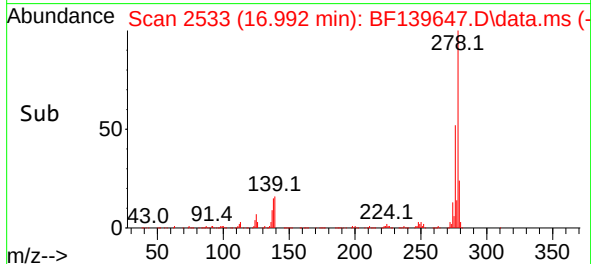
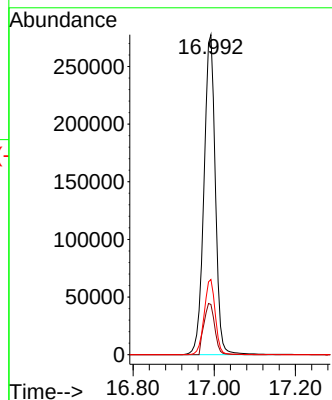
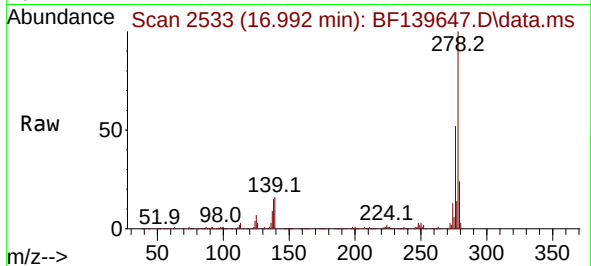




#91
Dibenzo(a,h)anthracene
Concen: 54.770 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163883BS

Tgt Ion:278 Resp: 540374
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 49.983 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:276 Resp: 494577
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.2 17.0 25.6

