

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139682.D
 Acq On : 07 Oct 2024 13:09
 Operator : RC/JU
 Sample : PB163898BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163898BS

Quant Time: Oct 07 13:35:51 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	6.869	152	91000	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	356324	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	206458	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	401377	20.000	ng	0.00
76) Chrysene-d12	14.039	240	245646	20.000	ng	0.00
86) Perylene-d12	15.504	264	177823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	771665	146.976	ng	0.02
7) Phenol-d6	6.510	99	1040533	147.374	ng	0.00
23) Nitrobenzene-d5	7.433	82	680839	96.741	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	295646	148.341	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1259952	93.688	ng	0.00
79) Terphenyl-d14	12.980	244	1510101	100.870	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	98595	43.436	ng	99
3) Pyridine	3.481	79	268489	48.634	ng	96
4) n-Nitrosodimethylamine	3.446	42	185327	51.286	ng	97
6) Aniline	6.534	93	366106	58.434	ng	# 86
8) 2-Chlorophenol	6.657	128	307357	54.641	ng	98
9) Benzaldehyde	6.422	77	99180	26.518	ng	98
10) Phenol	6.522	94	399001	53.744	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	302285	50.007	ng	98
12) 1,3-Dichlorobenzene	6.810	146	312494	49.383	ng	99
13) 1,4-Dichlorobenzene	6.886	146	315985	49.303	ng	100
14) 1,2-Dichlorobenzene	7.039	146	307038	51.117	ng	98
15) Benzyl Alcohol	7.016	79	288172	53.418	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	536193	51.239	ng	78
17) 2-Methylphenol	7.128	107	251739	53.608	ng	99
18) Hexachloroethane	7.381	117	118200	49.445	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	233118	51.356	ng	98
20) 3+4-Methylphenols	7.281	107	311065	52.738	ng	96
22) Acetophenone	7.281	105	420372	49.701	ng	98
24) Nitrobenzene	7.457	77	351313	48.207	ng	99
25) Isophorone	7.692	82	635721	50.858	ng	100
26) 2-Nitrophenol	7.769	139	163730	52.261	ng	99
27) 2,4-Dimethylphenol	7.804	122	249296	65.000	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	370342	49.616	ng	100
29) 2,4-Dichlorophenol	8.016	162	265788	53.130	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	267491	47.281	ng	100
31) Naphthalene	8.175	128	898201	49.302	ng	100
32) Benzoic acid	7.945	122	192352	50.438	ng	98
33) 4-Chloroaniline	8.222	127	148766	24.124	ng	98
34) Hexachlorobutadiene	8.286	225	172393	47.087	ng	99
35) Caprolactam	8.604	113	54314	33.102	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	301136	53.177	ng	99
37) 2-Methylnaphthalene	8.863	142	592020	49.894	ng	100
38) 1-Methylnaphthalene	8.963	142	554506	47.810	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	275405	48.038	ng	98
41) Hexachlorocyclopentadiene	9.016	237	321745	183.028	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	198300	51.309	ng	98

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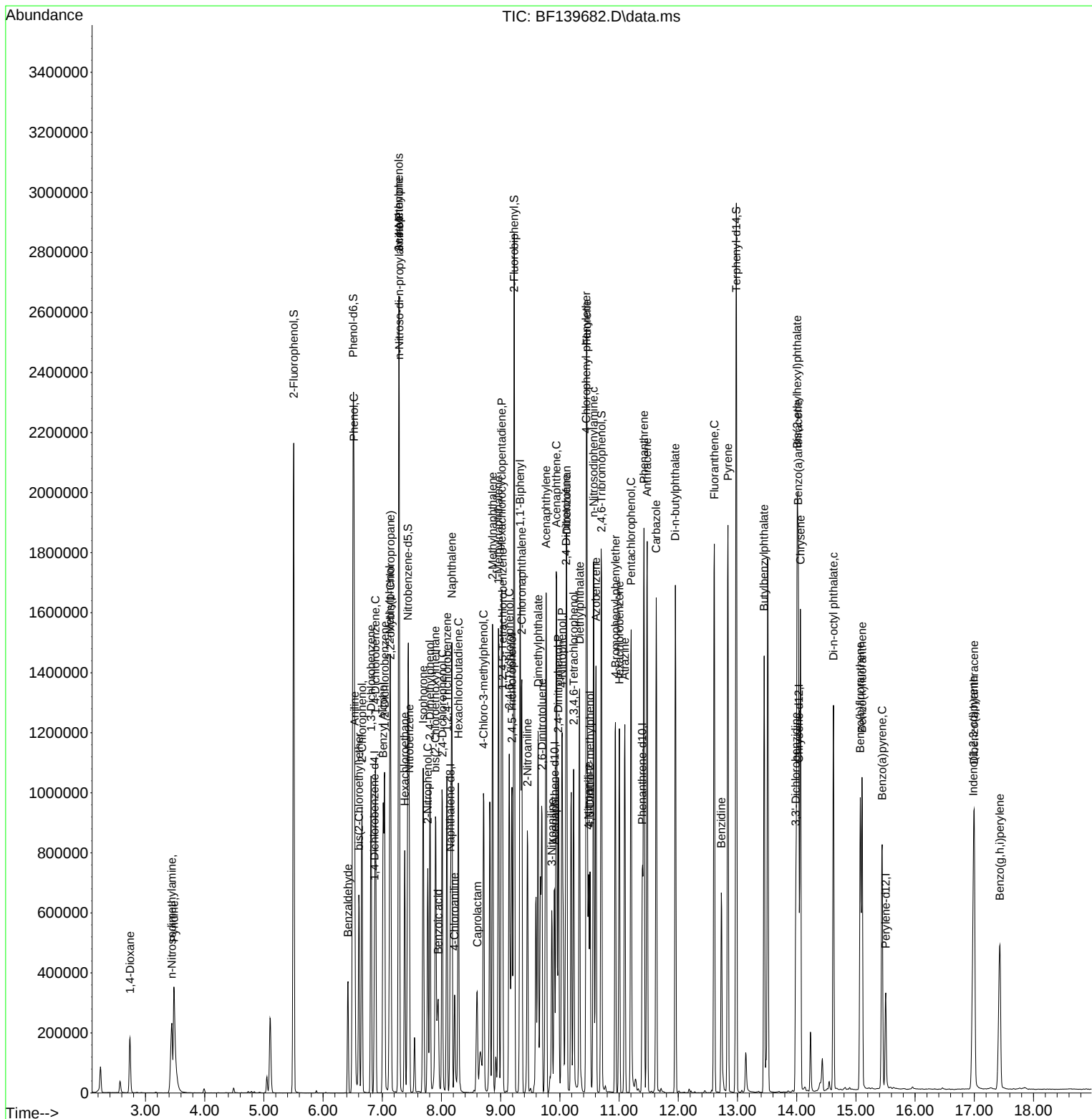
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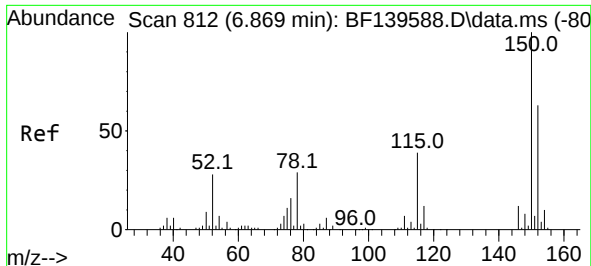
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	210134	50.417	ng	100
46) 1,1'-Biphenyl	9.327	154	741322	48.277	ng	100
47) 2-Chloronaphthalene	9.357	162	557975	48.470	ng	99
48) 2-Nitroaniline	9.451	65	221144	53.515	ng	99
49) Acenaphthylene	9.769	152	936004	53.465	ng	99
50) Dimethylphthalate	9.633	163	709940	52.530	ng	100
51) 2,6-Dinitrotoluene	9.698	165	152333	49.897	ng	95
52) Acenaphthene	9.939	154	564631	46.980	ng	99
53) 3-Nitroaniline	9.863	138	121440	38.925	ng	99
54) 2,4-Dinitrophenol	9.975	184	191683	116.732	ng	98
55) Dibenzofuran	10.116	168	856867	50.921	ng	100
56) 4-Nitrophenol	10.039	139	254032	106.773	ng	97
57) 2,4-Dinitrotoluene	10.104	165	211996	53.124	ng	96
58) Fluorene	10.457	166	669331	49.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	185099	54.986	ng	99
60) Diethylphthalate	10.333	149	721070	51.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	328305	48.963	ng	99
62) 4-Nitroaniline	10.486	138	175377	54.956	ng	97
63) Azobenzene	10.610	77	726187	51.729	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	125255	55.254	ng	99
66) n-Nitrosodiphenylamine	10.569	169	606821	51.290	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	201514	48.967	ng	98
68) Hexachlorobenzene	11.004	284	221995	48.613	ng	100
69) Atrazine	11.098	200	201845	63.587	ng	98
70) Pentachlorophenol	11.204	266	262023	96.362	ng	98
71) Phenanthrene	11.421	178	993348	52.488	ng	100
72) Anthracene	11.474	178	1004132	53.632	ng	100
73) Carbazole	11.627	167	944851	52.543	ng	100
74) Di-n-butylphthalate	11.951	149	1164948	53.274	ng	100
75) Fluoranthene	12.610	202	1086310	52.509	ng	100
77) Benzidine	12.727	184	384907	88.833	ng	100
78) Pyrene	12.839	202	1121093	51.028	ng	99
80) Butylbenzylphthalate	13.451	149	443244	56.402	ng	100
81) Benzo(a)anthracene	14.027	228	874551	54.151	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	195234	39.499	ng	100
83) Chrysene	14.062	228	778254	52.708	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	582939	59.405	ng	100
85) Di-n-octyl phthalate	14.621	149	816089	56.608	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	594282	56.781	ng	100
88) Benzo(b)fluoranthene	15.074	252	647061	56.277	ng	99
89) Benzo(k)fluoranthene	15.104	252	521199	53.439	ng	100
90) Benzo(a)pyrene	15.445	252	519722	57.327	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	488811	56.309	ng	99
92) Benzo(g,h,i)perylene	17.433	276	457166	52.511	ng	98

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

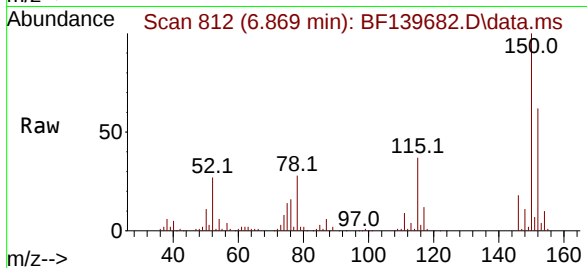
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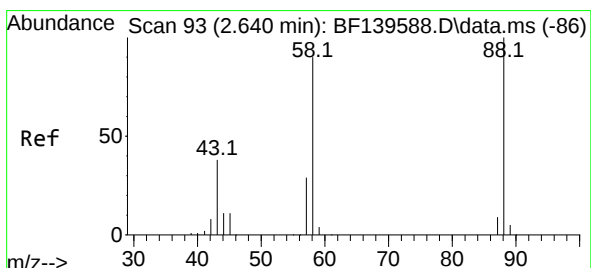
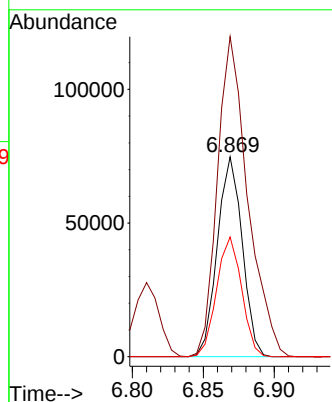
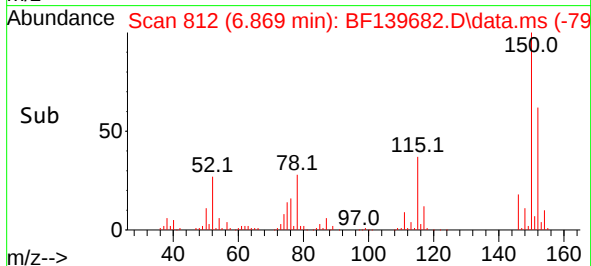


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09

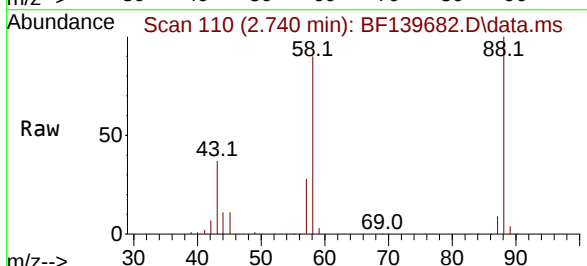
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 ClientSampleId :
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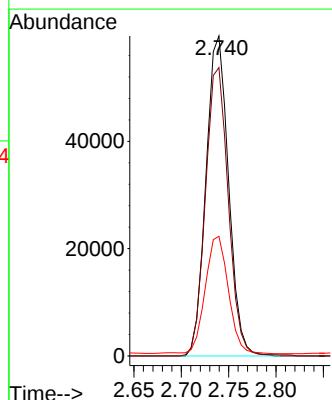
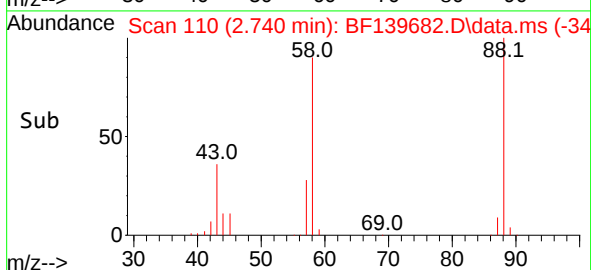
Tgt Ion:152 Resp: 91000
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.2 190.8
 115 59.9 49.0 73.4

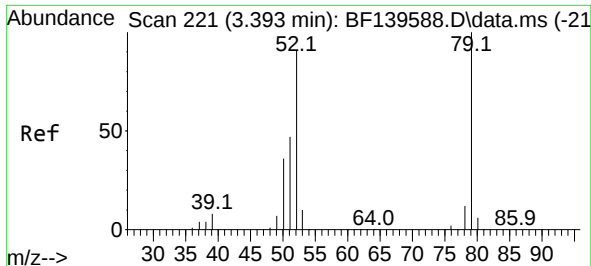


#2
 1,4-Dioxane
 Concen: 43.436 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.100 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09



Tgt Ion: 88 Resp: 98595
 Ion Ratio Lower Upper
 88 100
 58 91.4 72.0 108.0
 43 37.7 30.8 46.2

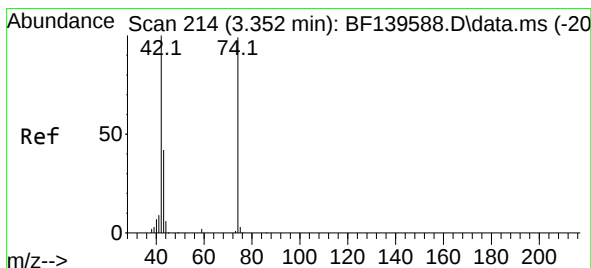
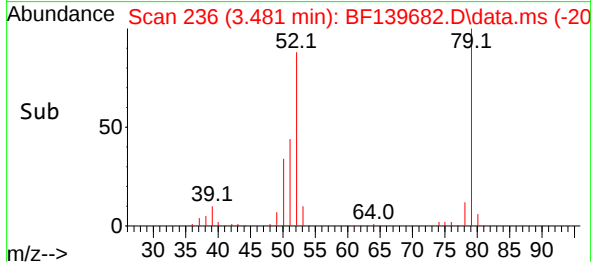
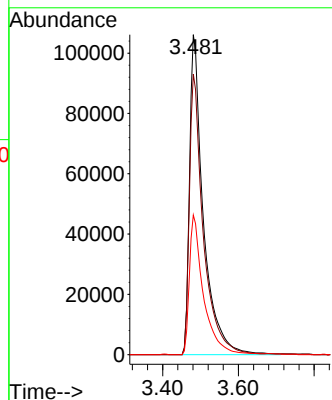
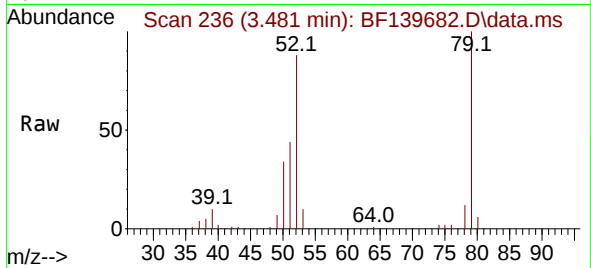




#3
Pyridine
Concen: 48.634 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

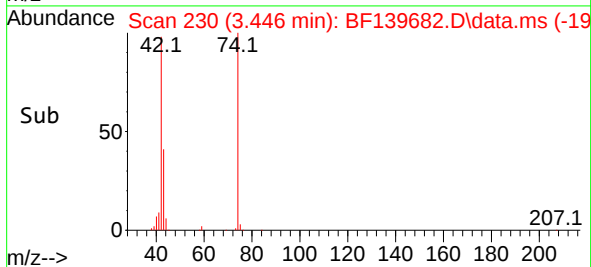
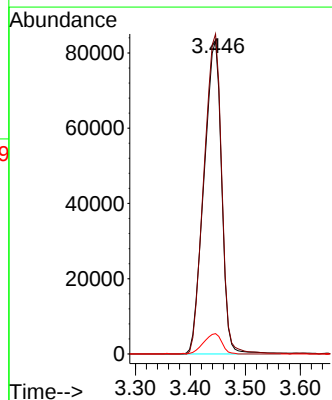
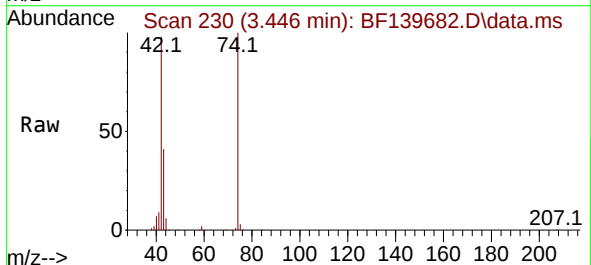
Instrument :
BNA_F
ClientSampleId :
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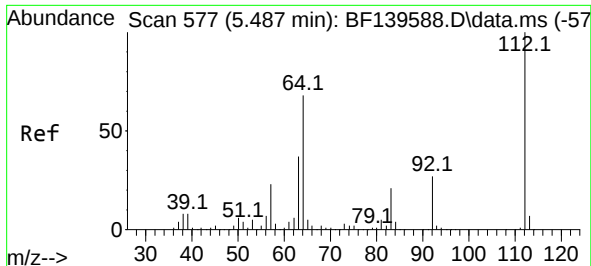
Tgt Ion: 79 Resp: 268489
Ion Ratio Lower Upper
79 100
52 87.7 72.6 109.0
51 43.7 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 51.286 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.094 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 42 Resp: 185327
Ion Ratio Lower Upper
42 100
74 102.2 79.0 118.6
44 6.5 5.2 7.8

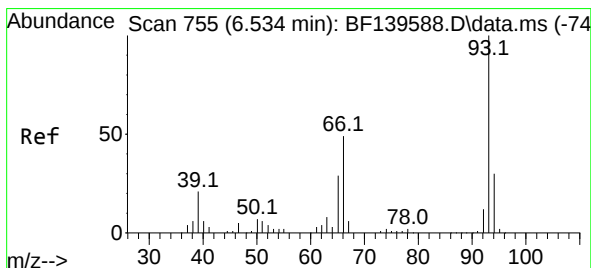
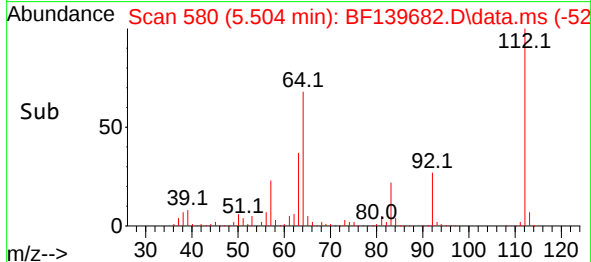
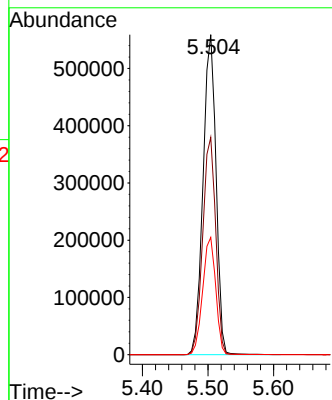
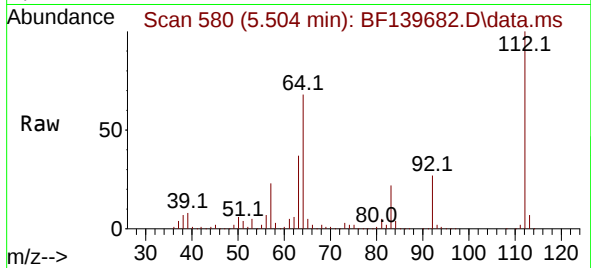




#5
2-Fluorophenol
Concen: 146.976 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

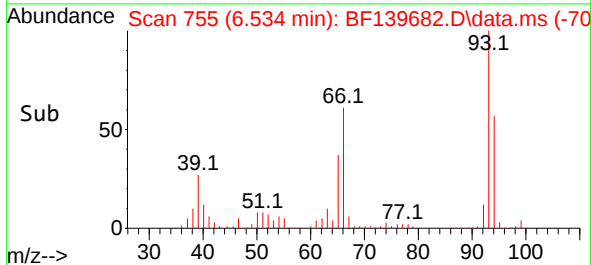
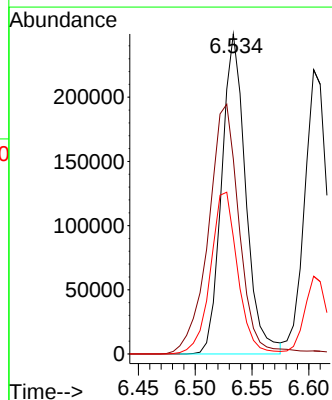
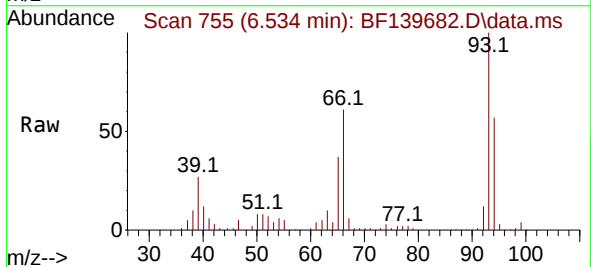
Instrument :
BNA_F
ClientSampleId :
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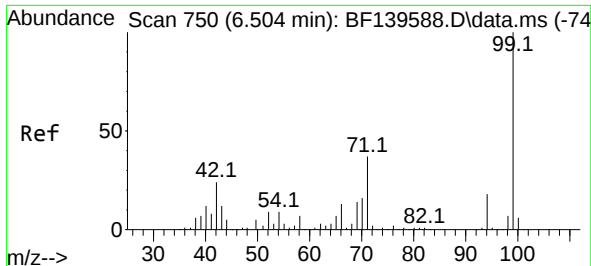
Tgt Ion:112 Resp: 771665
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 36.6 29.4 44.2



#6
Aniline
Concen: 58.434 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 93 Resp: 366106
Ion Ratio Lower Upper
93 100
66 60.9 40.9 61.3
65 36.5 23.3 34.9#

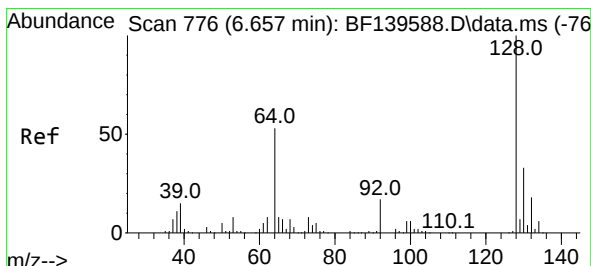
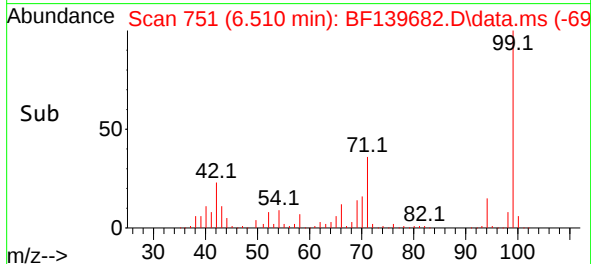
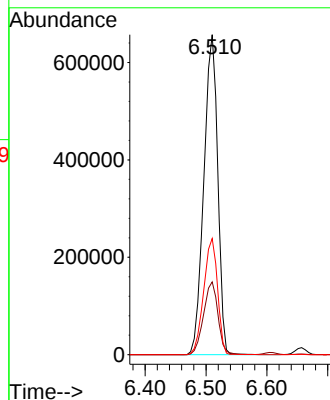
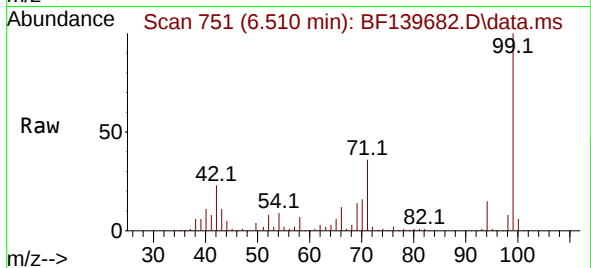




#7
Phenol-d6
Concen: 147.374 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

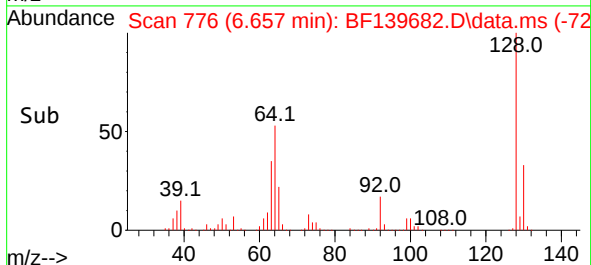
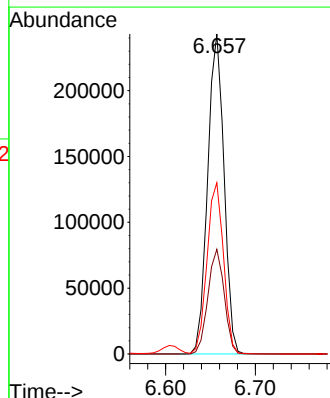
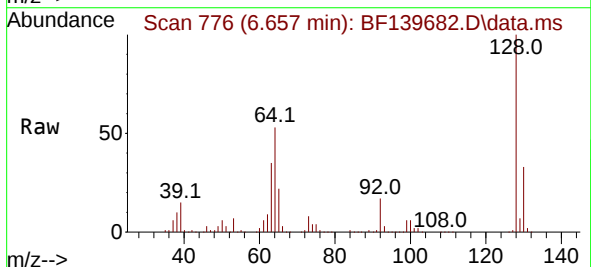
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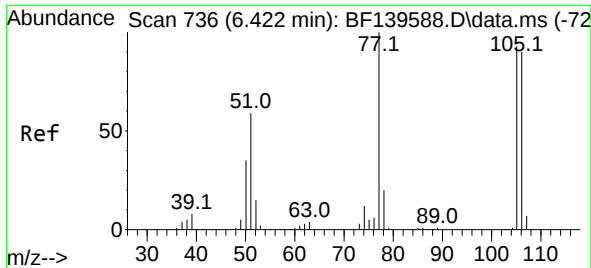
Tgt Ion: 99 Resp: 1040533
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.3 29.7 44.5



#8
2-Chlorophenol
Concen: 54.641 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 128 Resp: 307357
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 53.5 35.1 75.1





#9

Benzaldehyde

Concen: 26.518 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

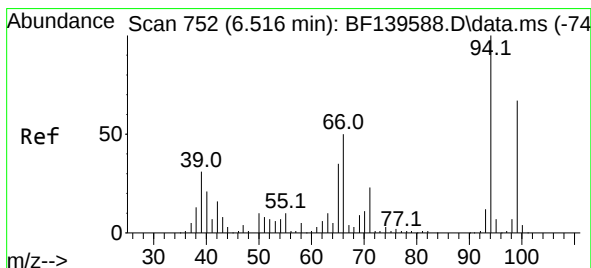
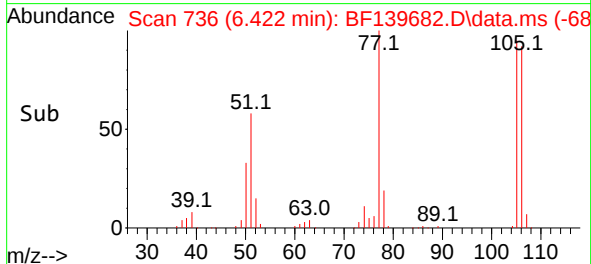
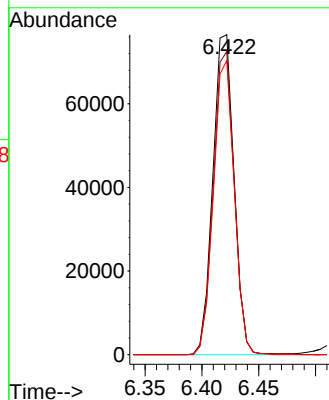
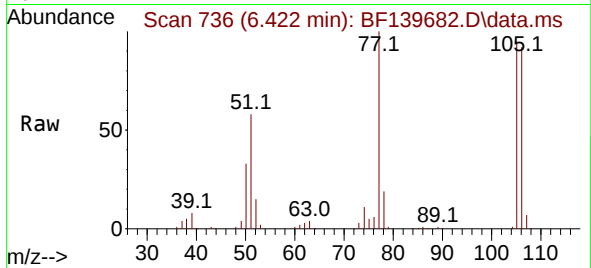
Tgt Ion: 77 Resp: 99180

Ion Ratio Lower Upper

77 100

105 94.7 72.7 112.7

106 91.9 70.1 110.1



#10

Phenol

Concen: 53.744 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

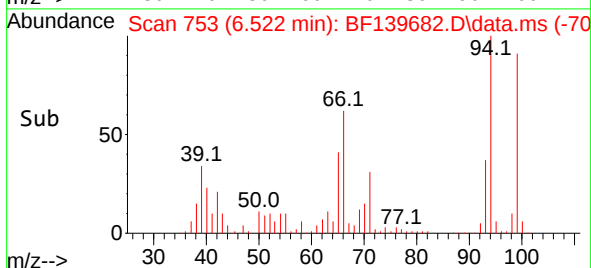
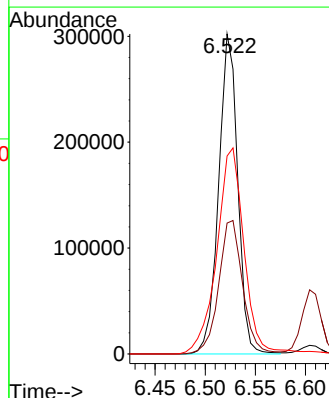
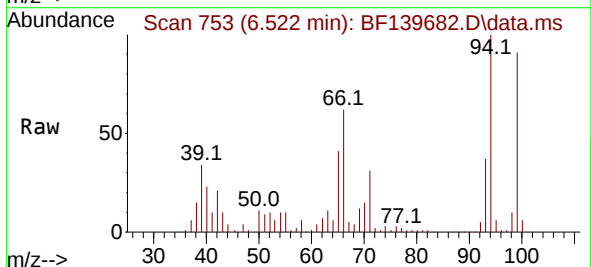
Tgt Ion: 94 Resp: 399001

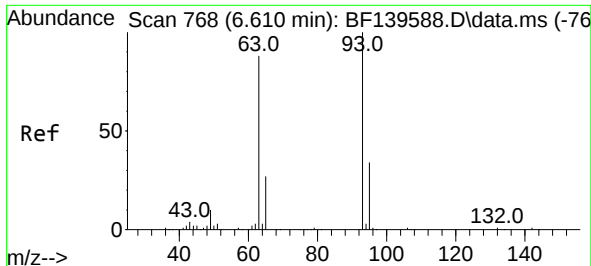
Ion Ratio Lower Upper

94 100

65 40.9 15.3 55.3

66 61.9 30.5 70.5

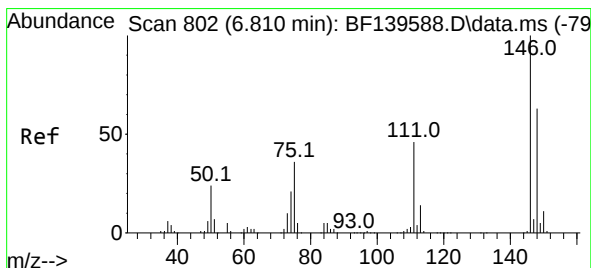
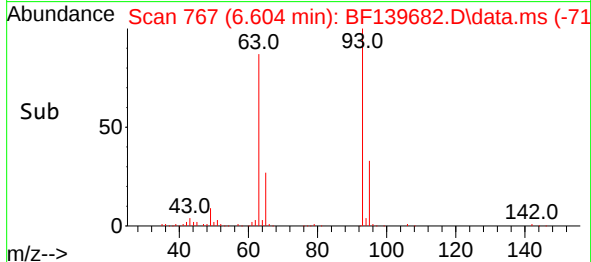
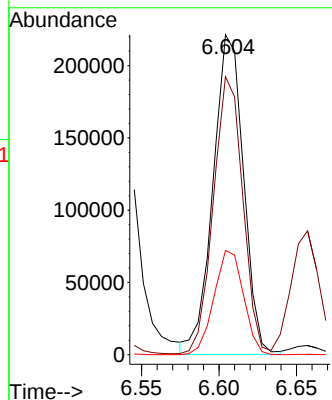
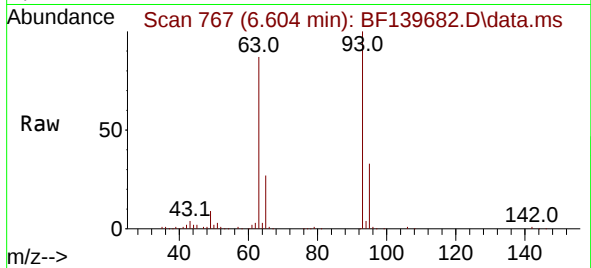




#11
bis(2-Chloroethyl)ether
Concen: 50.007 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

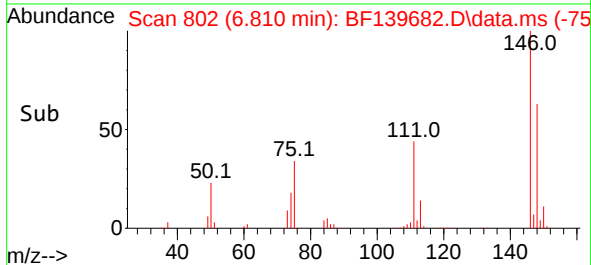
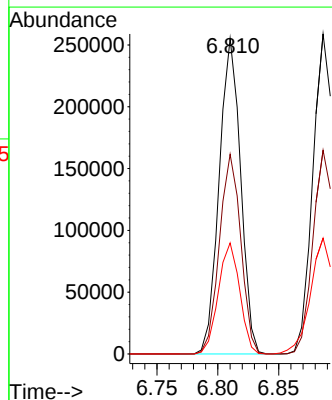
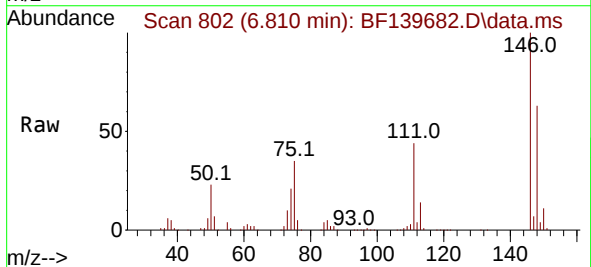
Instrument :
BNA_F
ClientSampleId :
PB163898BS

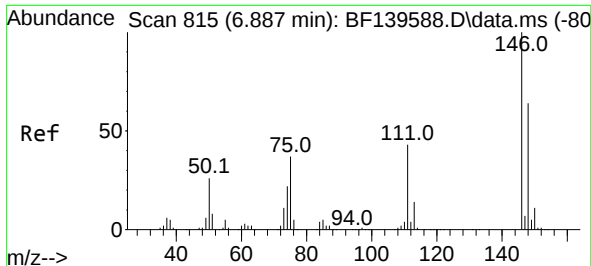
Tgt Ion: 93 Resp: 302285
Ion Ratio Lower Upper
93 100
63 86.9 64.1 104.1
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.383 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:146 Resp: 312494
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 35.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 49.303 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

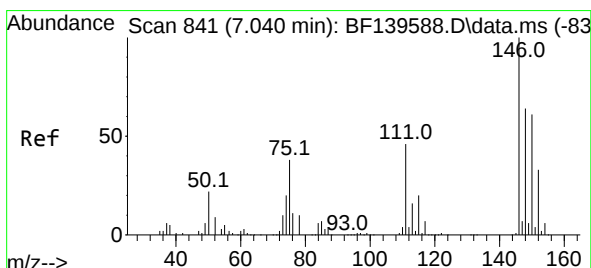
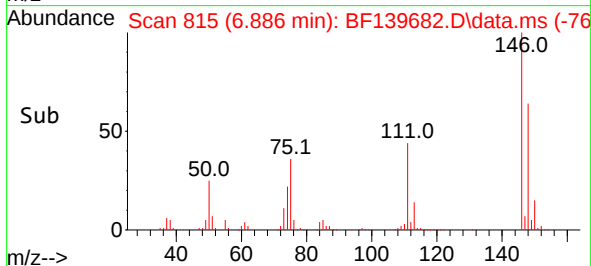
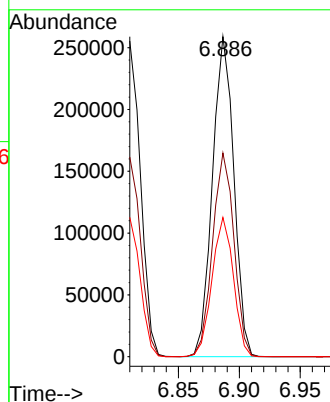
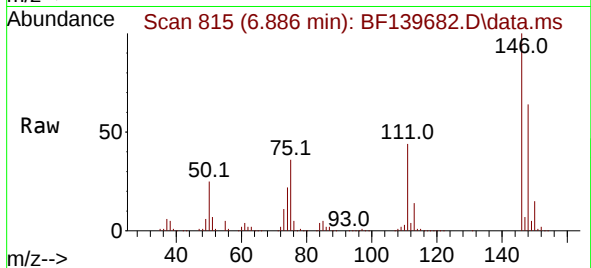
Tgt Ion:146 Resp: 315985

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 43.5 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 51.117 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

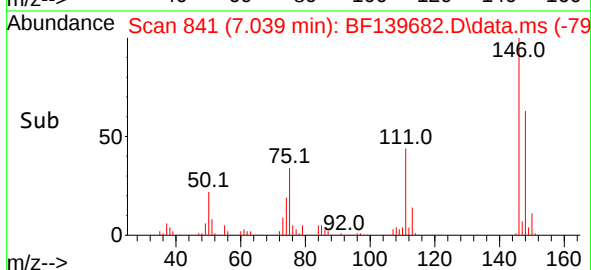
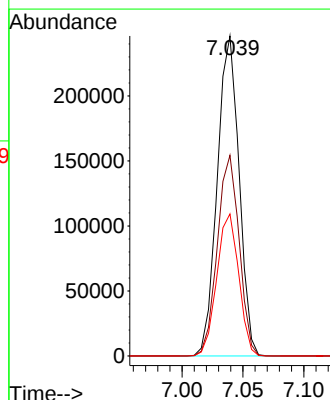
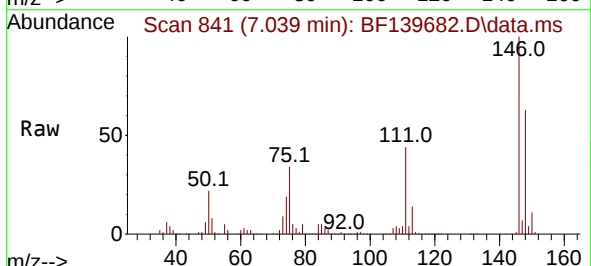
Tgt Ion:146 Resp: 307038

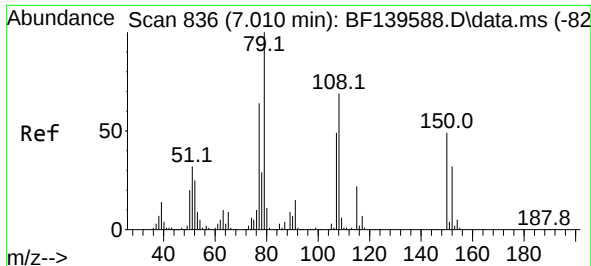
Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

111 44.4 37.0 55.6

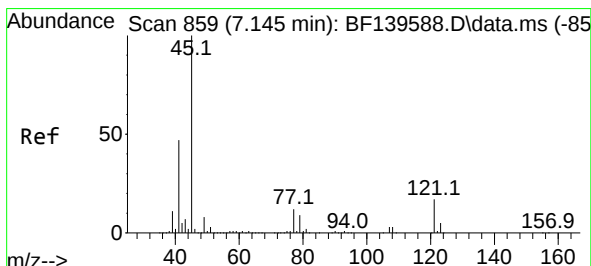
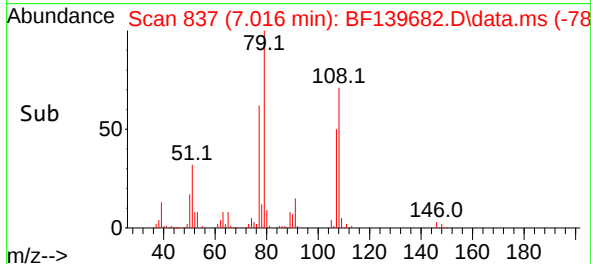
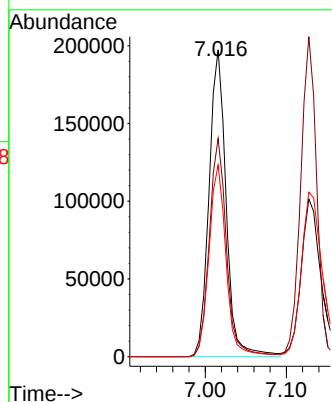
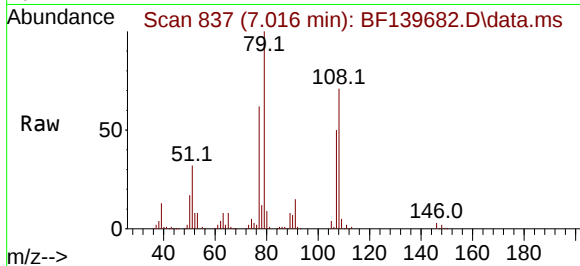




#15
Benzyl Alcohol
Concen: 53.418 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

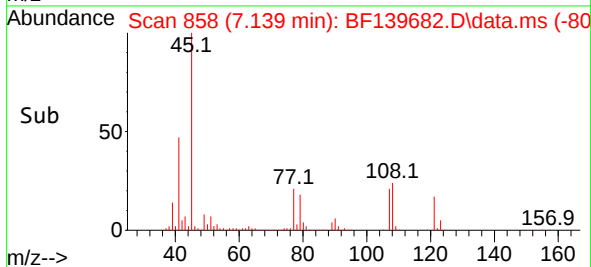
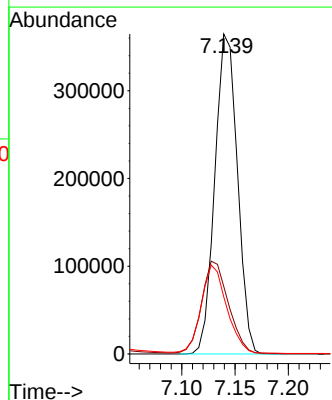
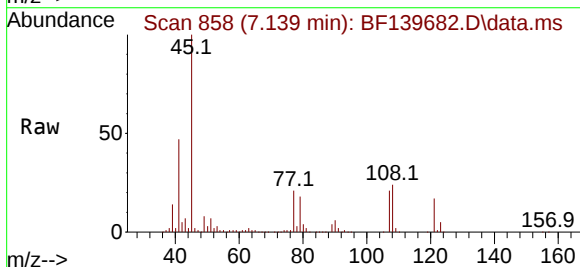
Instrument :
BNA_F
ClientSampleId :
PB163898BS

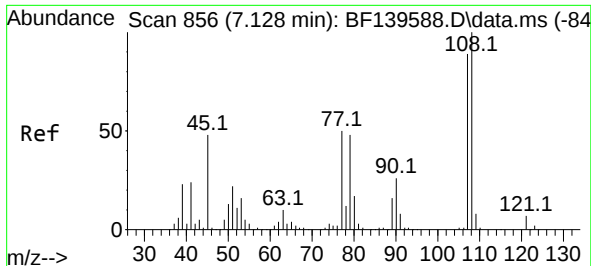
Tgt Ion: 79 Resp: 288172
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 62.5 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.239 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 45 Resp: 536193
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.5
79 17.9 0.0 29.7

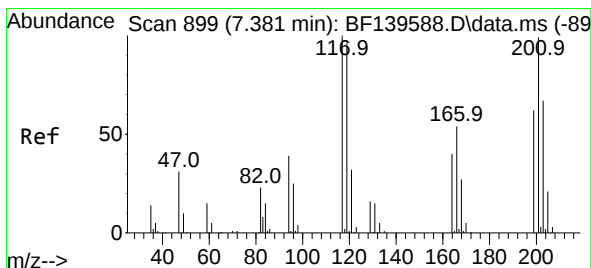
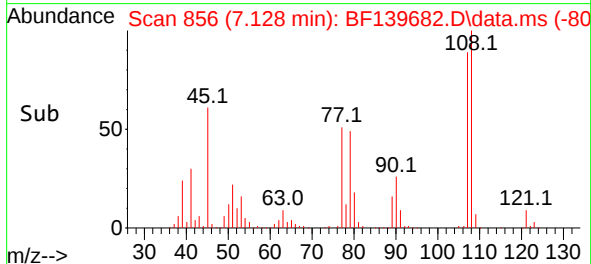
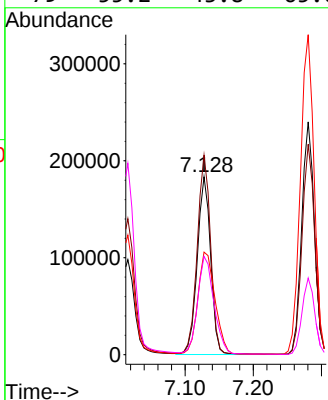
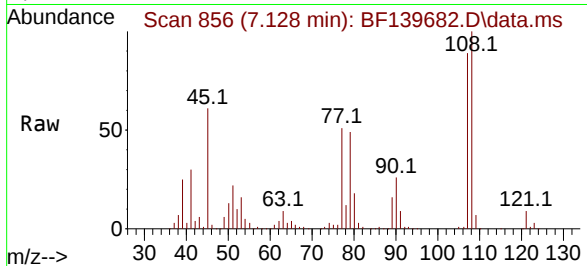




#17
2-Methylphenol
Concen: 53.608 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

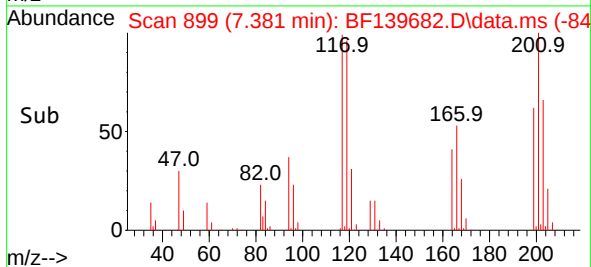
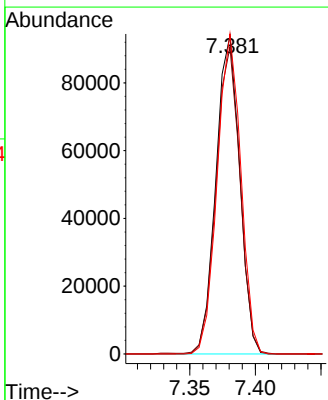
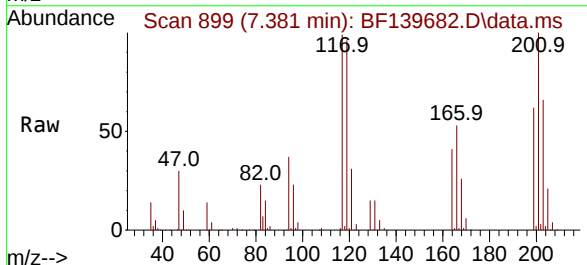
Instrument :
BNA_F
ClientSampleId :
PB163898BS

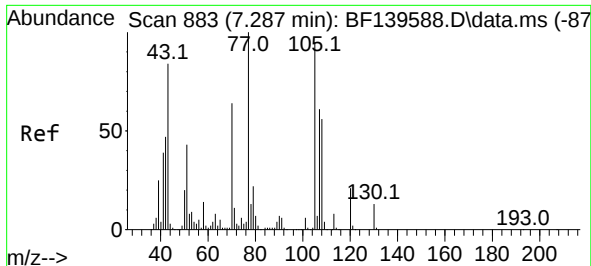
Tgt Ion:107 Resp: 251739
Ion Ratio Lower Upper
107 100
108 112.2 89.8 134.6
77 57.7 44.6 67.0
79 55.2 43.8 65.6



#18
Hexachloroethane
Concen: 49.445 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:117 Resp: 118200
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6
201 100.5 79.2 118.8



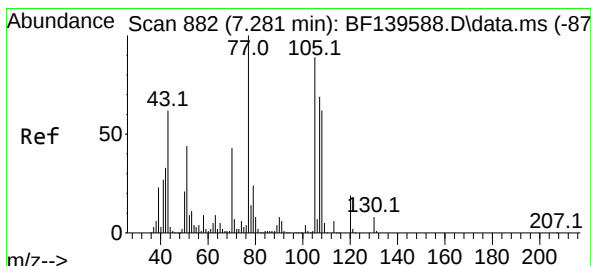
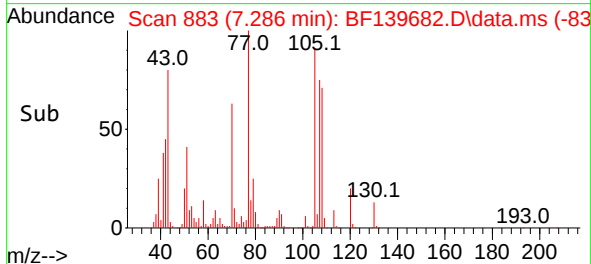
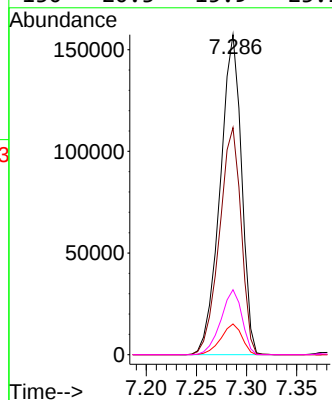
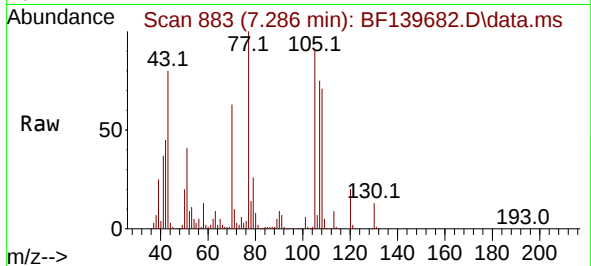


#19
n-Nitroso-di-n-propylamine
Concen: 51.356 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Tgt Ion: 70 Resp: 233118

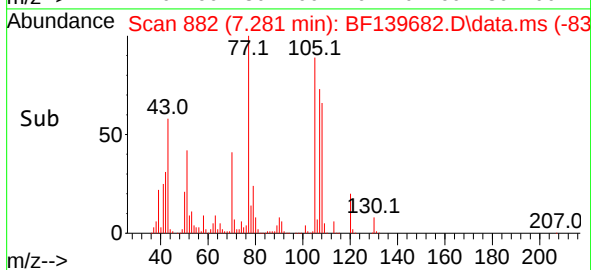
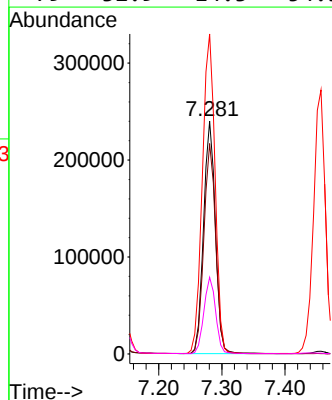
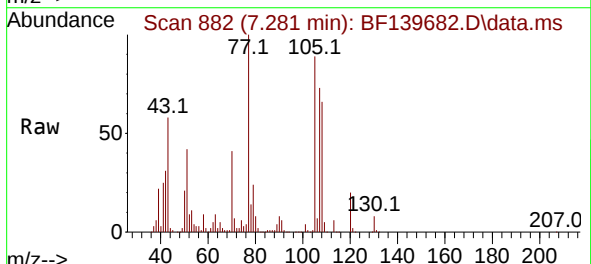
Ion	Ratio	Lower	Upper
70	100		
42	70.9	58.0	87.0
101	9.6	7.8	11.8
130	20.3	15.9	23.9

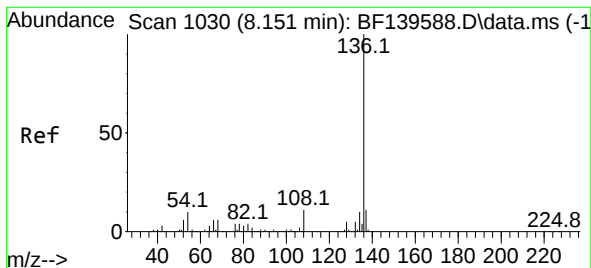


#20
3+4-Methylphenols
Concen: 52.738 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 107 Resp: 311065

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.2	110.2
77	137.4	125.3	165.3
79	32.9	14.3	54.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:136 Resp: 356324

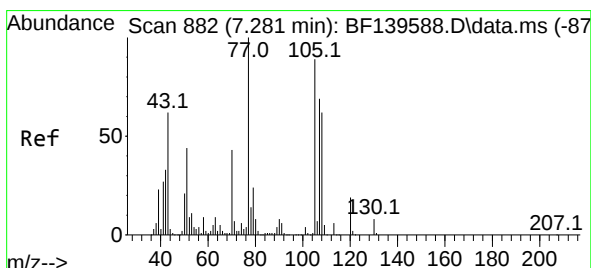
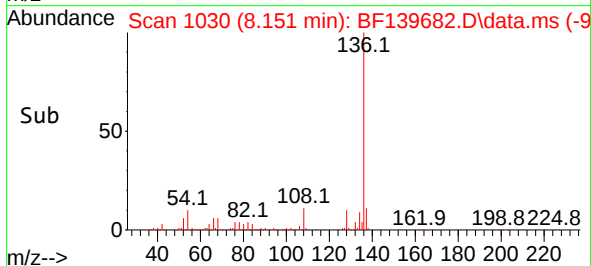
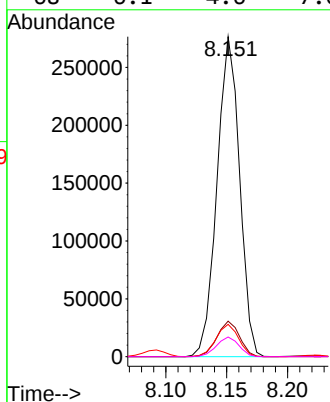
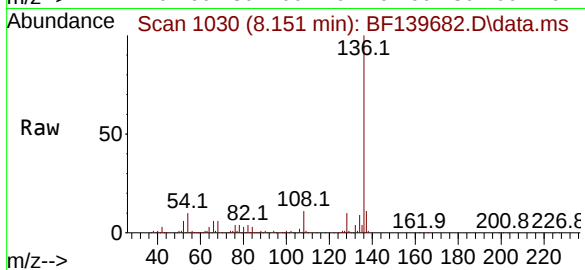
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.1 8.3 12.5

68 6.1 4.6 7.0



#22

Acetophenone

Concen: 49.701 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:105 Resp: 420372

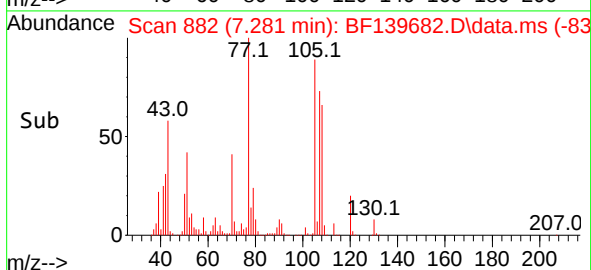
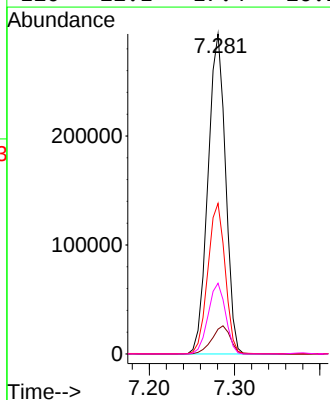
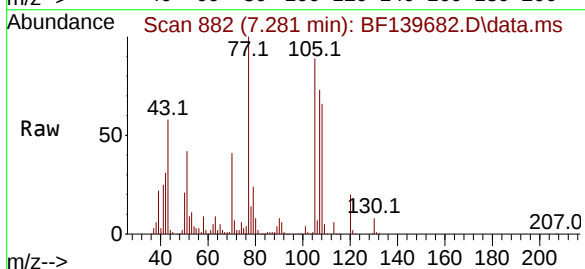
Ion Ratio Lower Upper

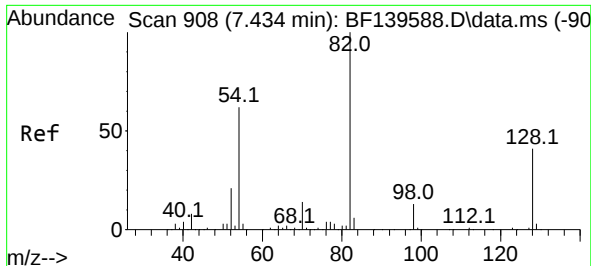
105 100

71 7.7 6.6 10.0

51 47.1 39.4 59.0

120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 96.741 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

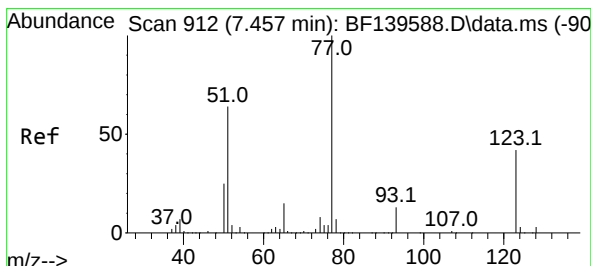
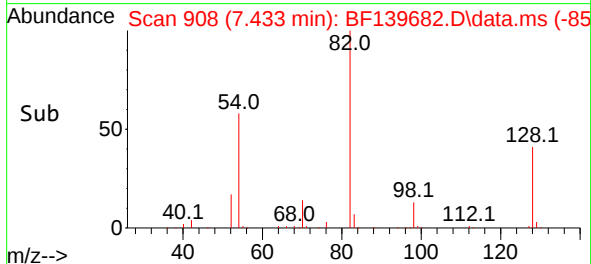
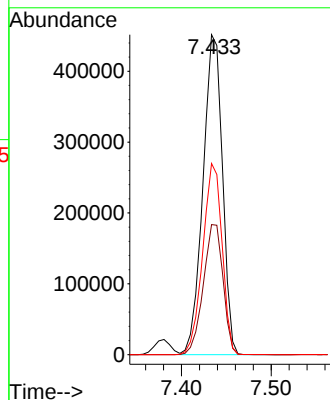
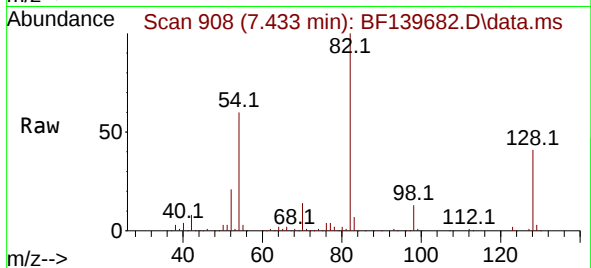
Tgt Ion: 82 Resp: 680839

Ion Ratio Lower Upper

82 100

128 40.7 32.4 48.6

54 59.8 49.1 73.7



#24

Nitrobenzene

Concen: 48.207 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

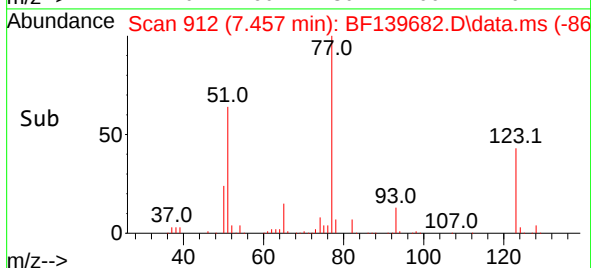
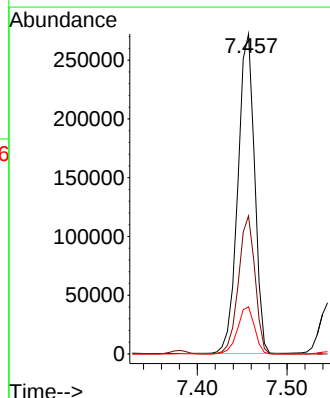
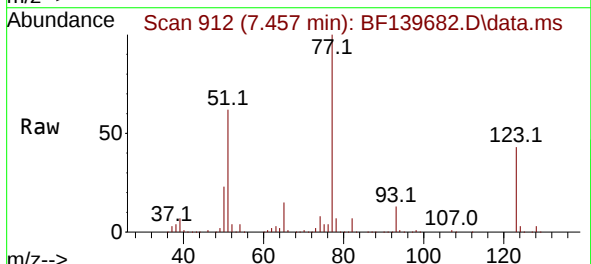
Tgt Ion: 77 Resp: 351313

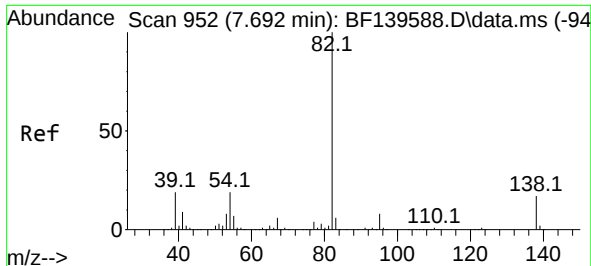
Ion Ratio Lower Upper

77 100

123 43.2 34.2 51.4

65 14.8 12.1 18.1

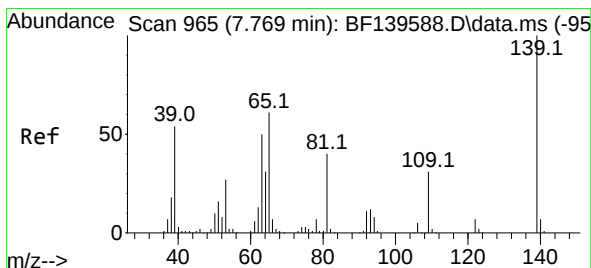
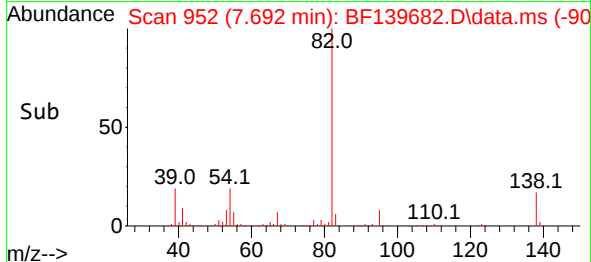
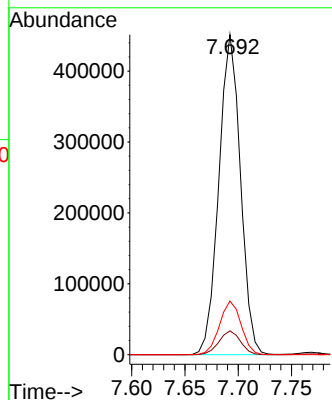
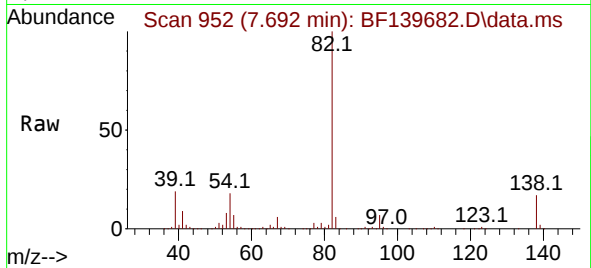




#25
Isophorone
Concen: 50.858 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

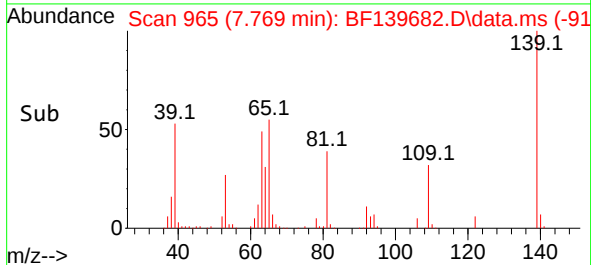
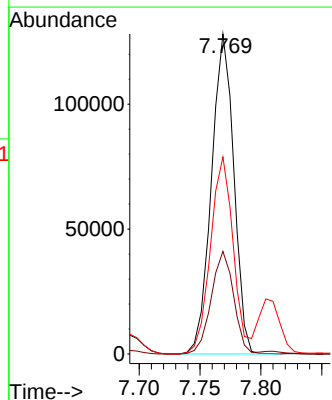
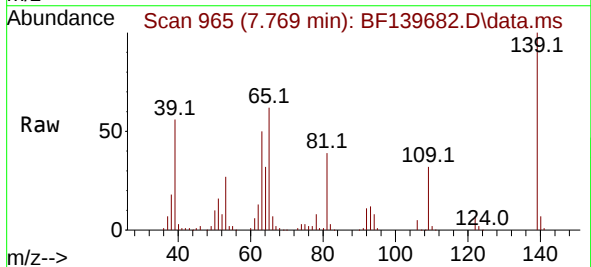
Instrument :
BNA_F
ClientSampleId :
PB163898BS

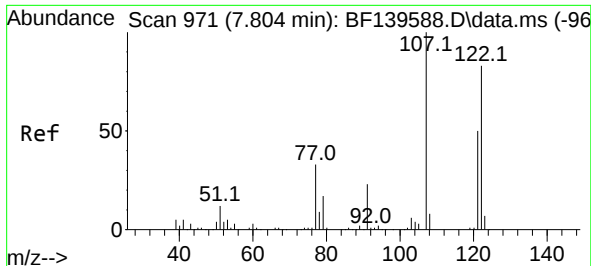
Tgt Ion: 82 Resp: 635721
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 52.261 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:139 Resp: 163730
Ion Ratio Lower Upper
139 100
109 32.1 24.9 37.3
65 61.5 48.6 72.8

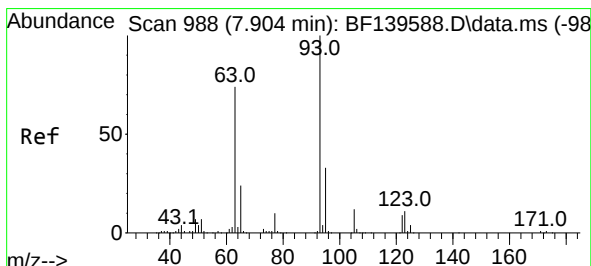
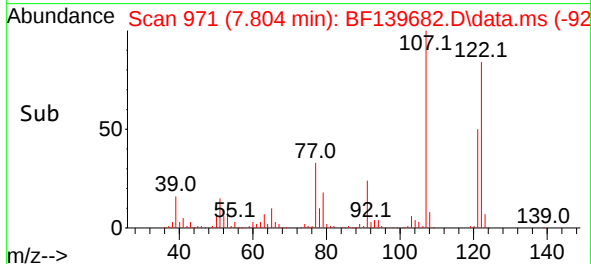
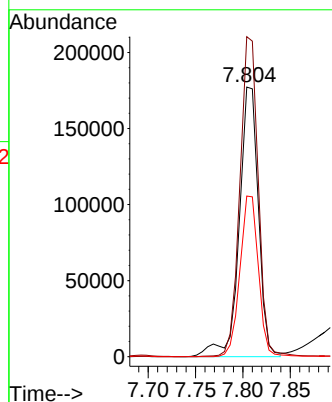
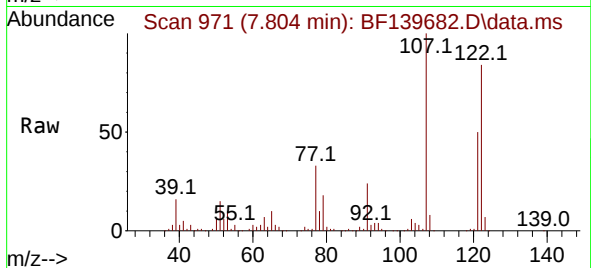




#27
2,4-Dimethylphenol
Concen: 65.000 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

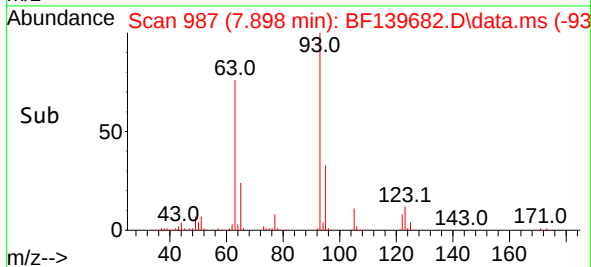
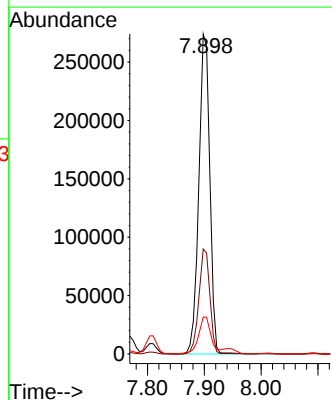
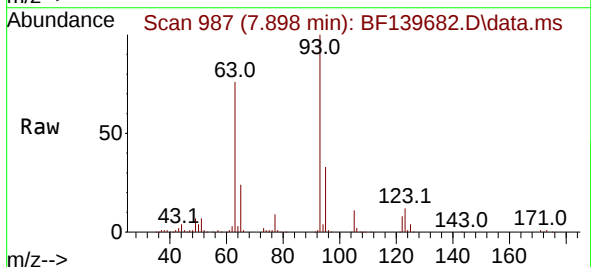
Instrument :
BNA_F
ClientSampleId :
PB163898BS

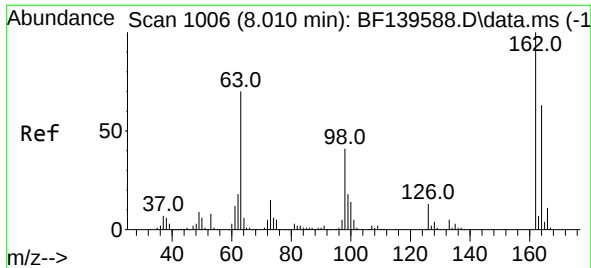
Tgt Ion:122 Resp: 249296
Ion Ratio Lower Upper
122 100
107 118.7 95.4 143.0
121 59.6 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 49.616 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 93 Resp: 370342
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.130 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

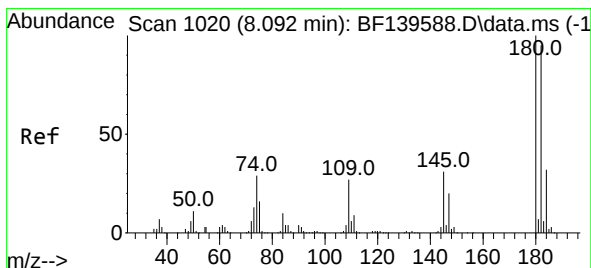
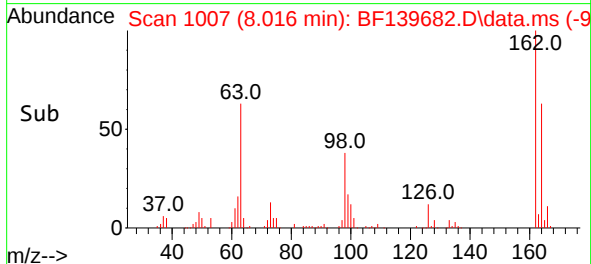
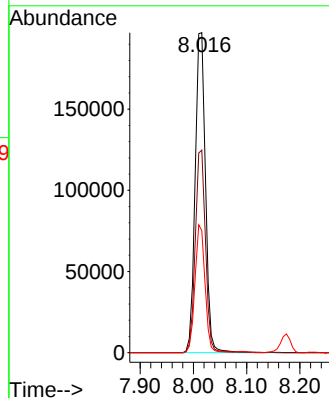
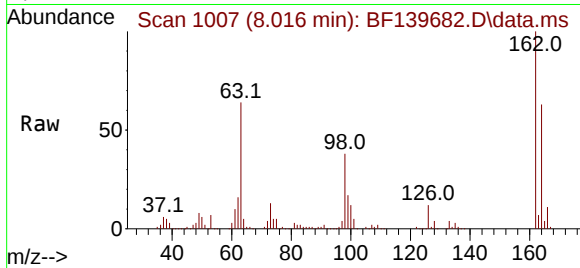
Tgt Ion:162 Resp: 265788

Ion Ratio Lower Upper

162 100

164 63.3 43.1 83.1

98 38.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.281 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

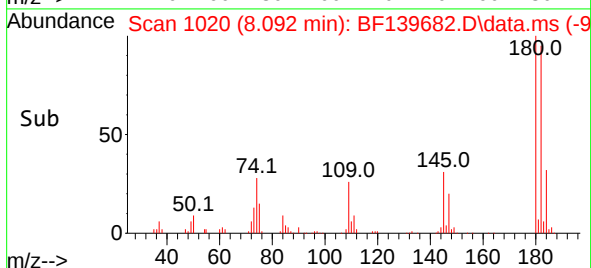
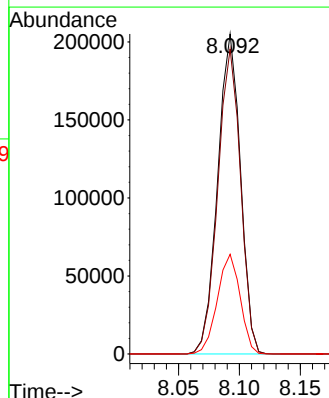
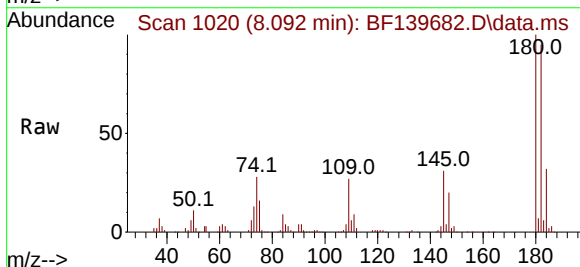
Tgt Ion:180 Resp: 267491

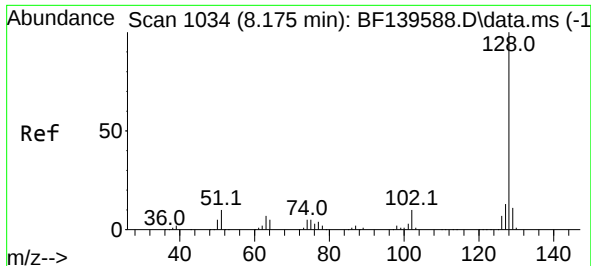
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.2 25.0 37.6

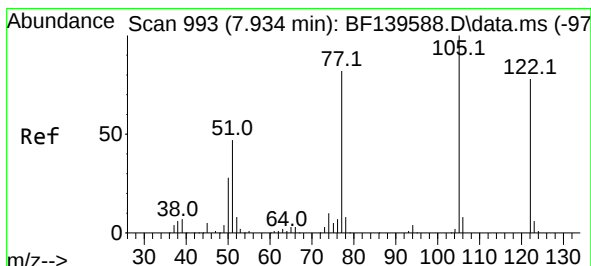
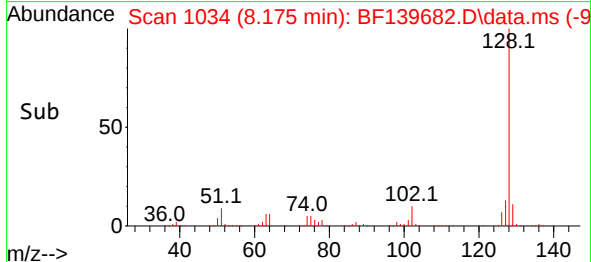
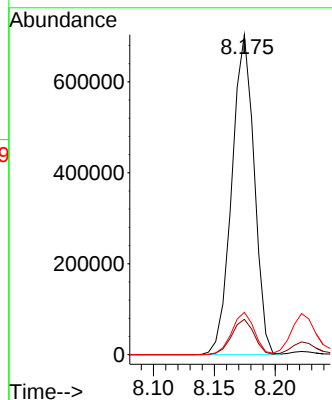
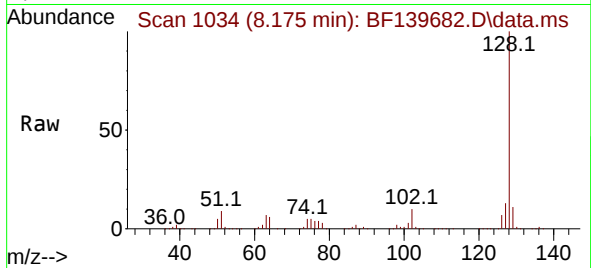




#31
Naphthalene
Concen: 49.302 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

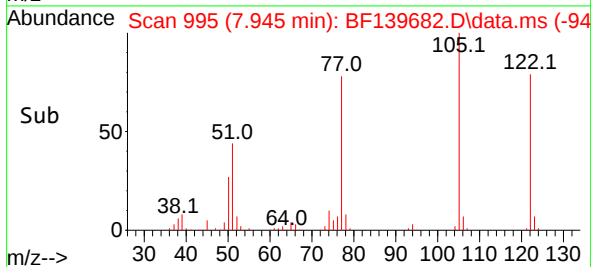
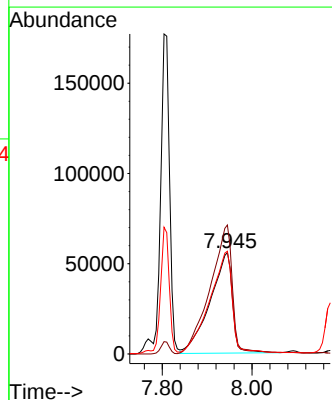
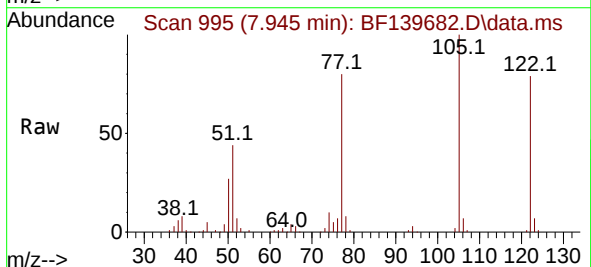
Instrument :
BNA_F
ClientSampleId :
PB163898BS

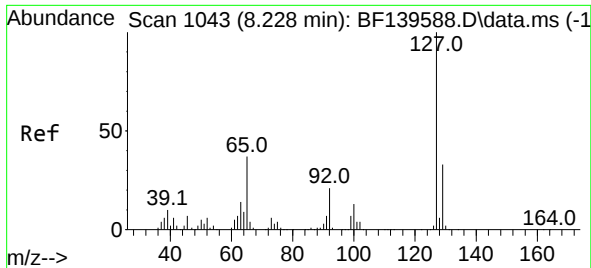
Tgt Ion:128 Resp: 898201
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 50.438 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:122 Resp: 192352
Ion Ratio Lower Upper
122 100
105 127.1 104.9 144.9
77 101.2 82.7 122.7

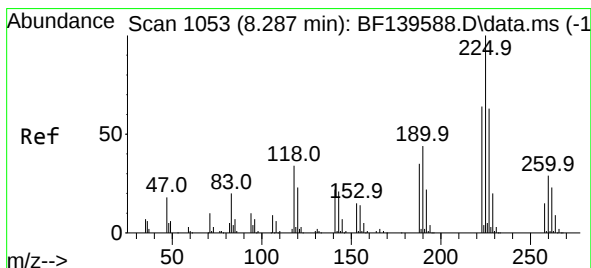
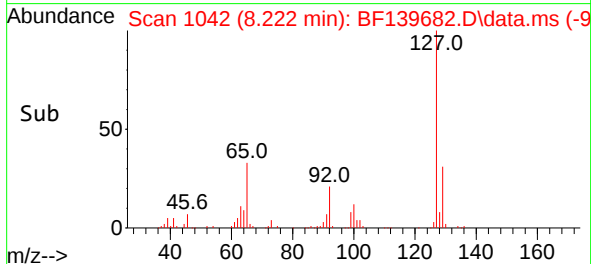
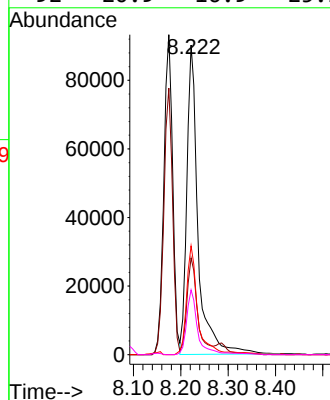
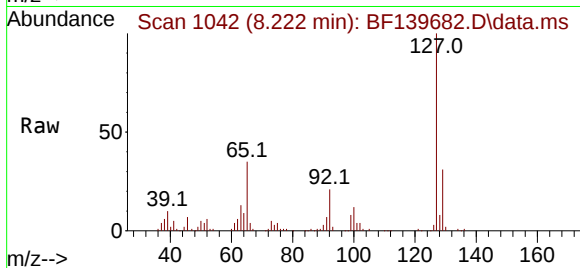




#33
4-Chloroaniline
Concen: 24.124 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

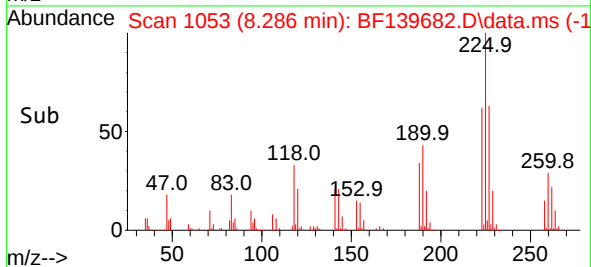
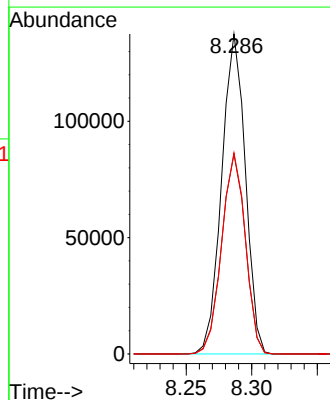
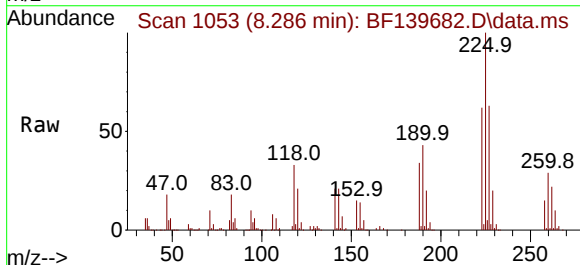
Instrument :
BNA_F
ClientSampleId :
PB163898BS

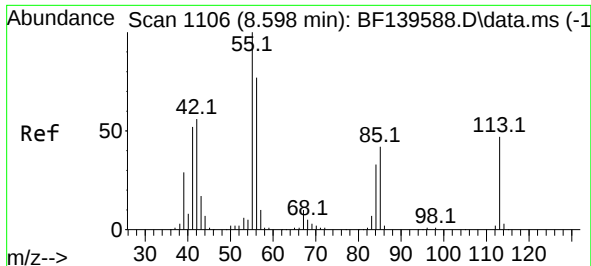
Tgt Ion:	127	Resp:	148766
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	35.1	29.3	43.9
92	20.9	16.9	25.3



#34
Hexachlorobutadiene
Concen: 47.087 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:	225	Resp:	172393
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	62.9	50.7	76.1

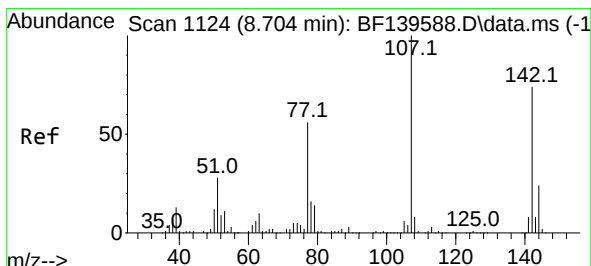
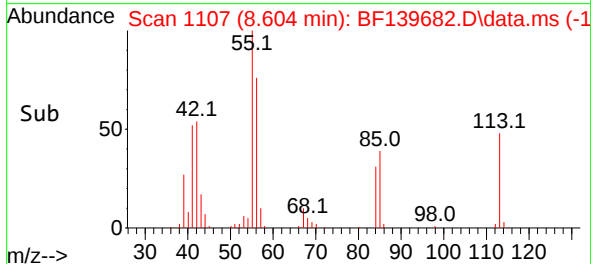
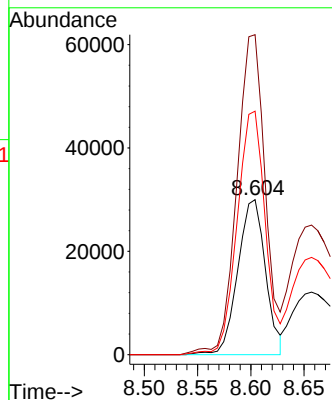
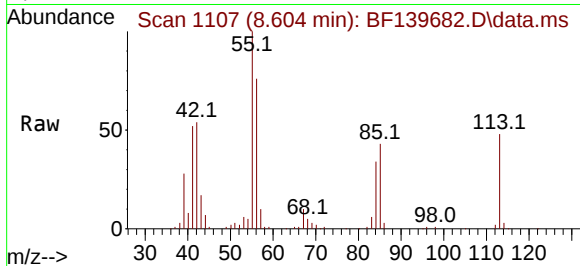




#35
 Caprolactam
 Concen: 33.102 ng
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09

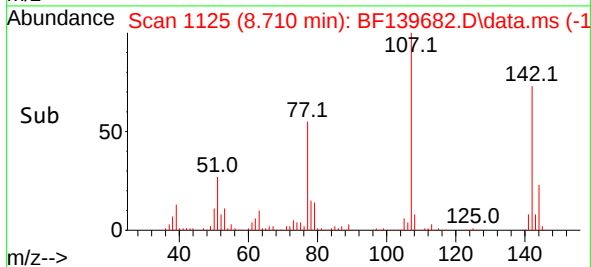
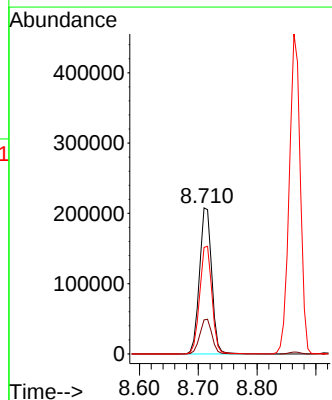
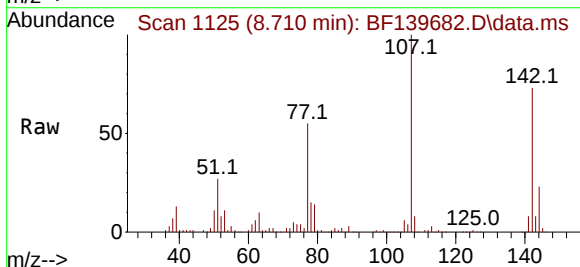
Instrument :
 BNA_F
 ClientSampleId :
 PB163898BS

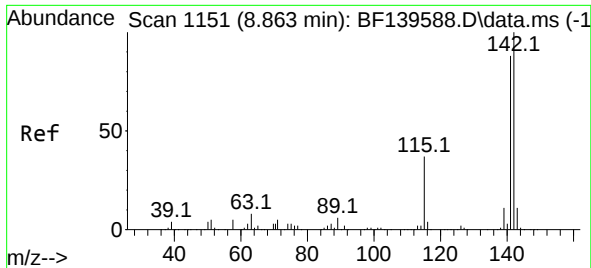
Tgt Ion:113 Resp: 54314
 Ion Ratio Lower Upper
 113 100
 55 206.3 193.4 233.4
 56 157.0 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 53.177 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09

Tgt Ion:107 Resp: 301136
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.0 28.6
 142 72.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 49.894 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

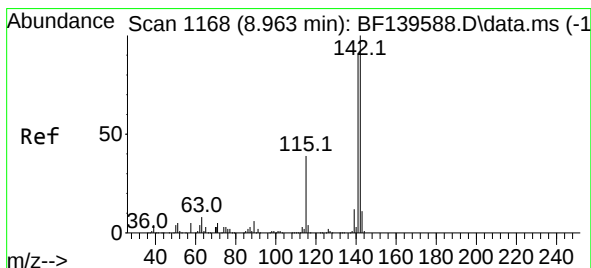
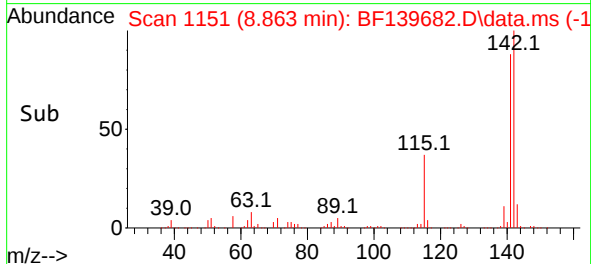
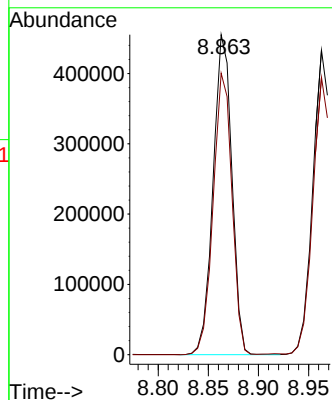
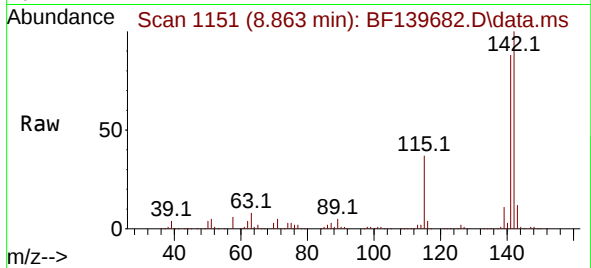
PB163898BS

Tgt Ion:142 Resp: 592020

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 47.810 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139682.D

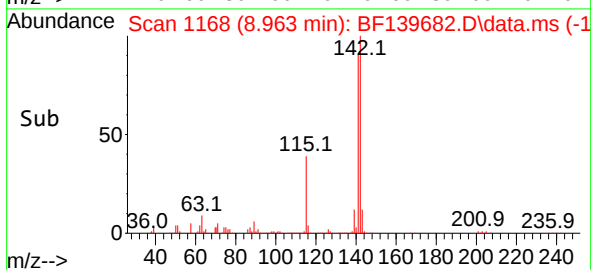
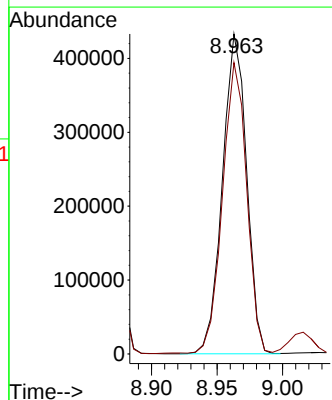
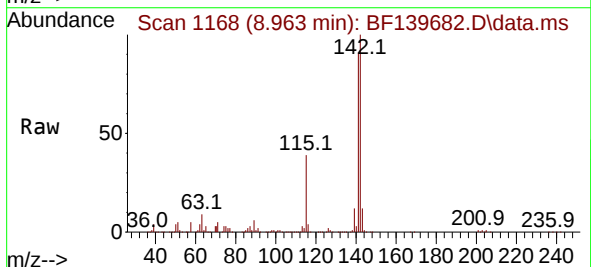
Acq: 07 Oct 2024 13:09

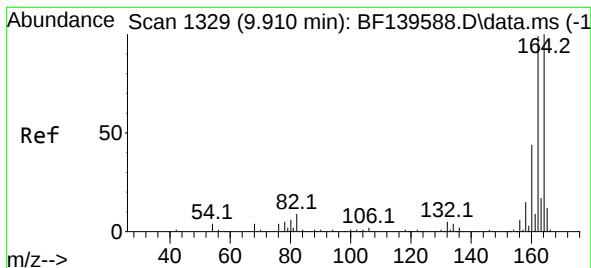
Tgt Ion:142 Resp: 554506

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

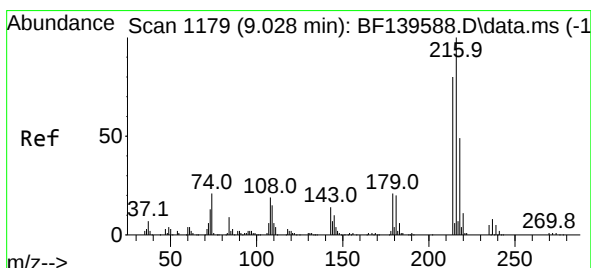
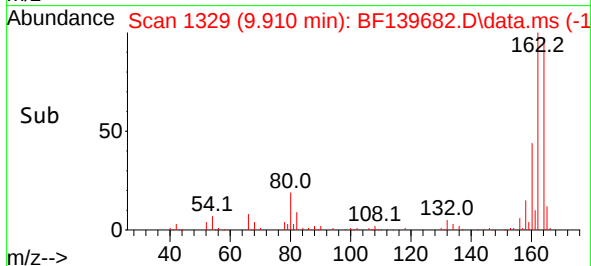
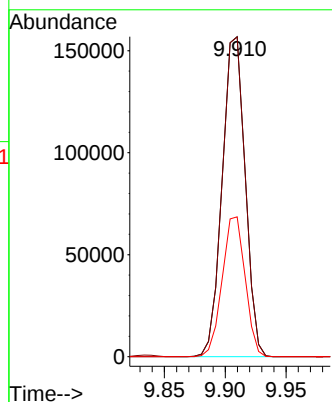
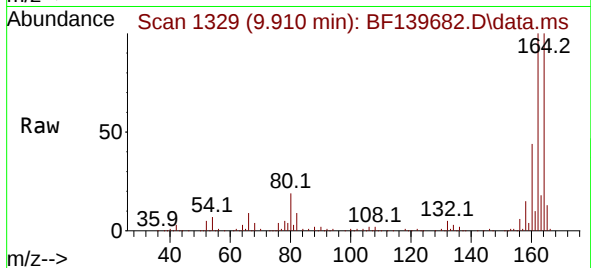
Tgt Ion:164 Resp: 206458

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 43.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.038 ng

RT: 9.033 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:216 Resp: 275405

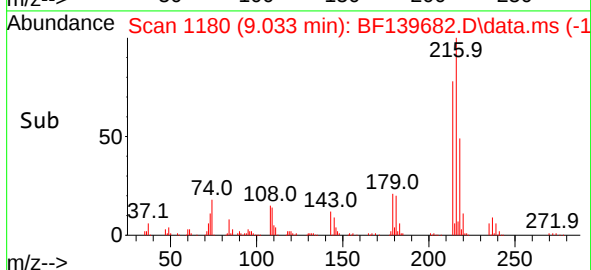
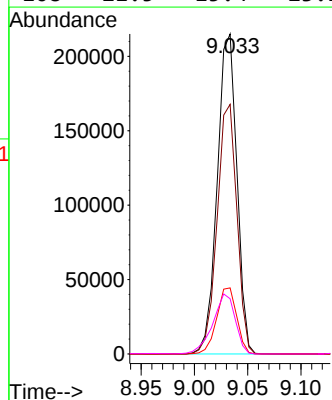
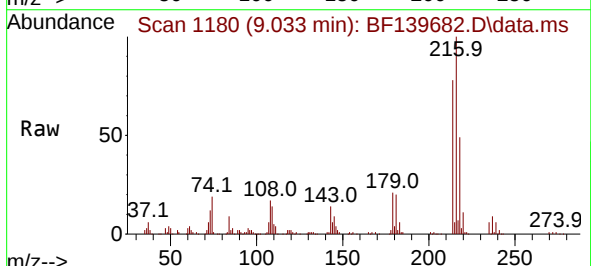
Ion Ratio Lower Upper

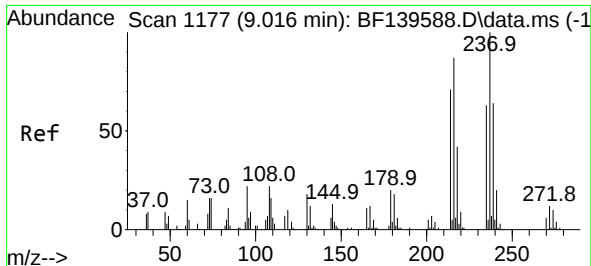
216 100

214 78.4 63.7 95.5

179 21.0 16.9 25.3

108 21.5 15.4 23.2

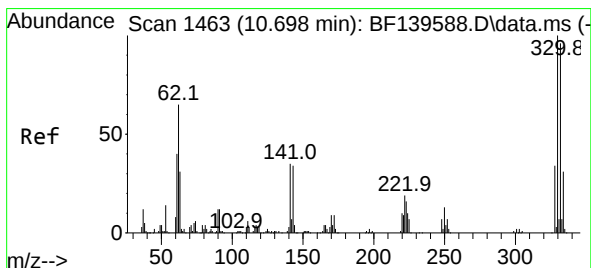
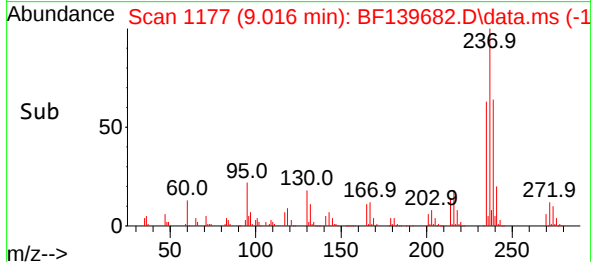
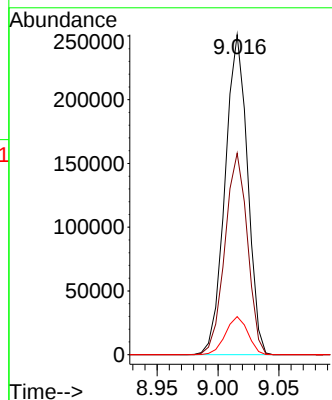
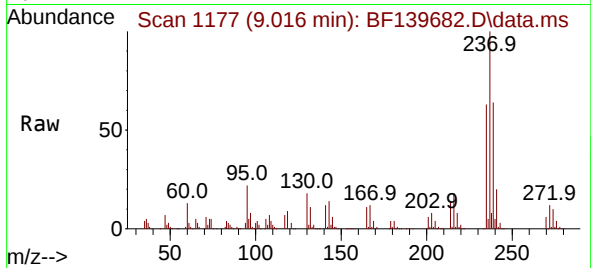




#41
Hexachlorocyclopentadiene
Concen: 183.028 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

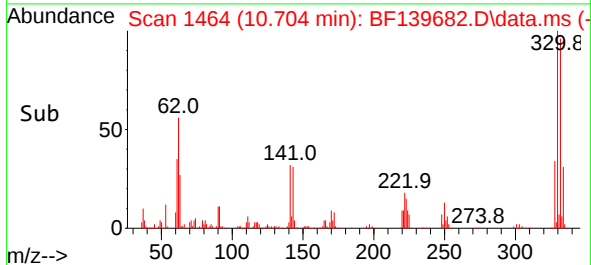
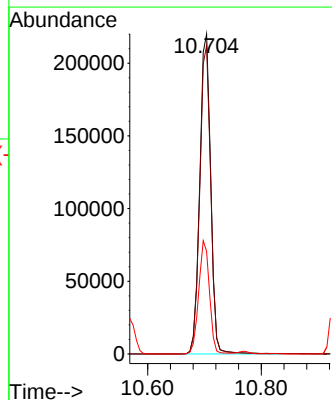
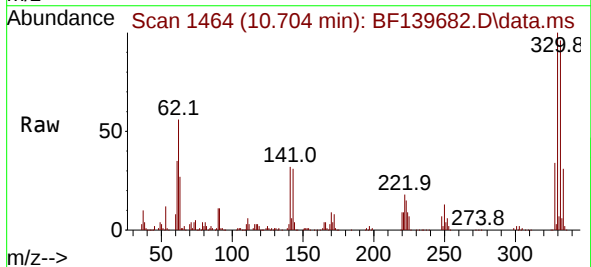
Instrument :
BNA_F
ClientSampleId :
PB163898BS

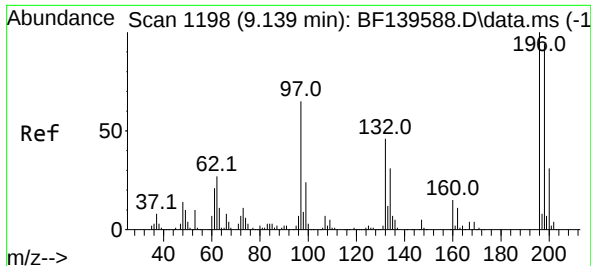
Tgt Ion:237 Resp: 321745
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 11.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 148.341 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:330 Resp: 295646
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 34.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 51.309 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

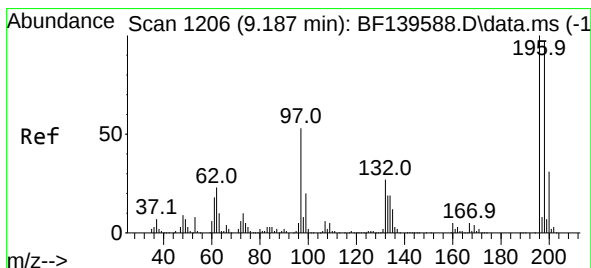
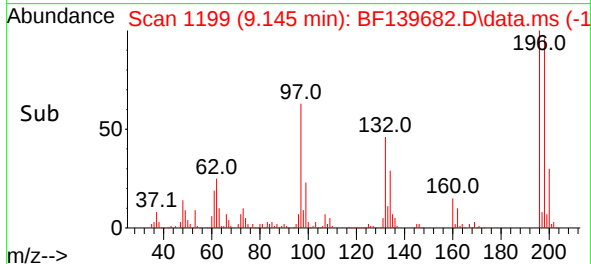
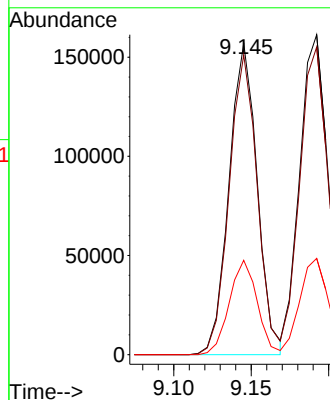
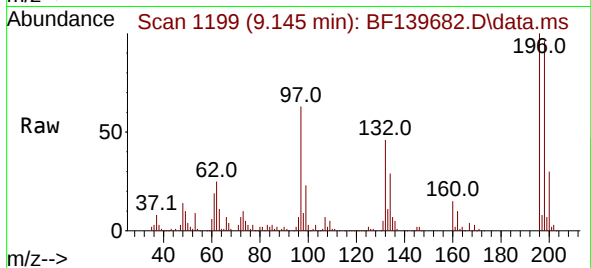
Tgt Ion:196 Resp: 198300

Ion Ratio Lower Upper

196 100

198 96.3 75.2 112.8

200 30.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 50.417 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:196 Resp: 210134

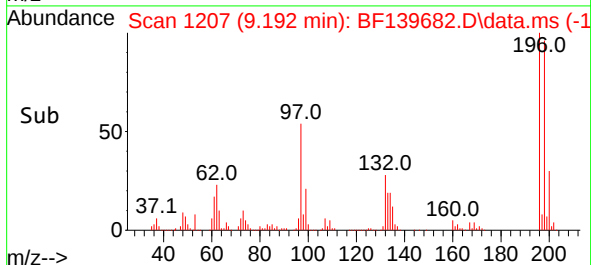
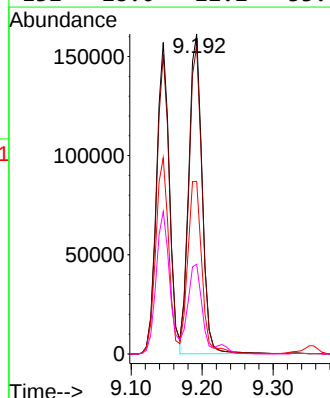
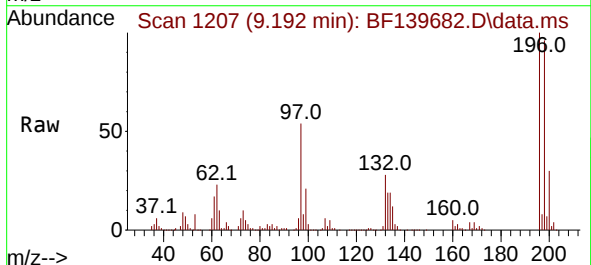
Ion Ratio Lower Upper

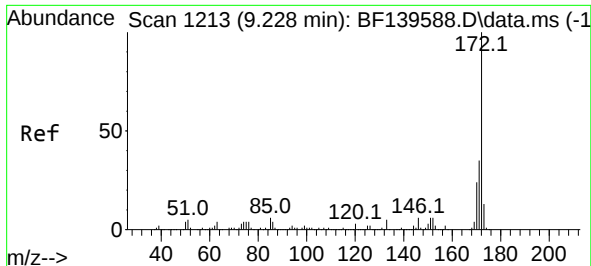
196 100

198 96.2 77.5 116.3

97 53.9 43.1 64.7

132 28.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 93.688 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

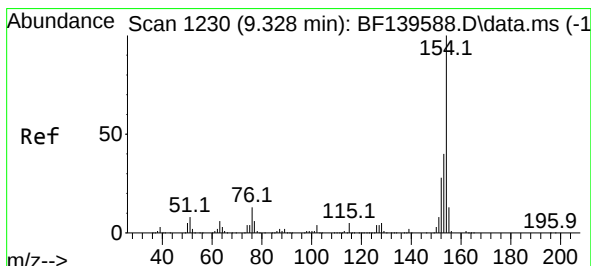
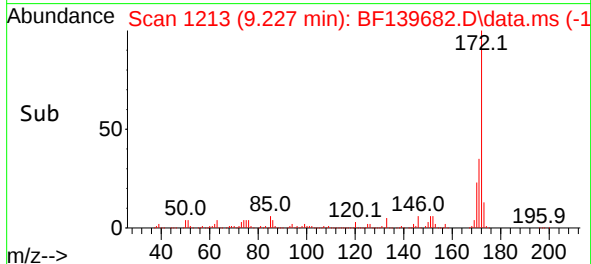
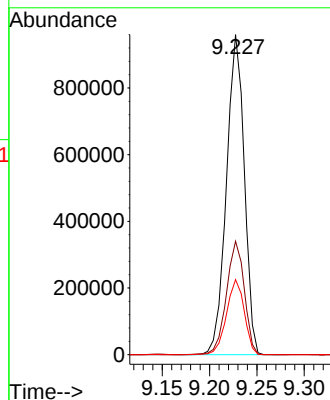
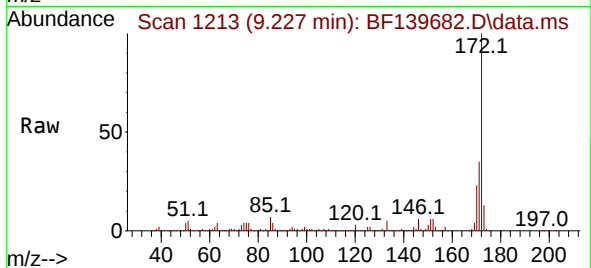
Tgt Ion:172 Resp: 1259952

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 48.277 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

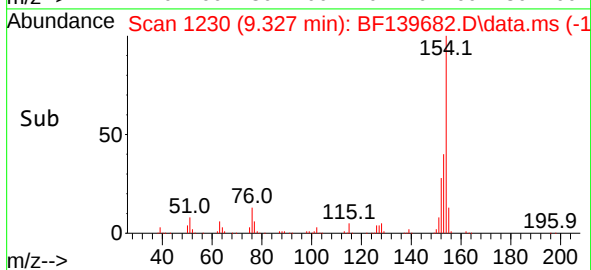
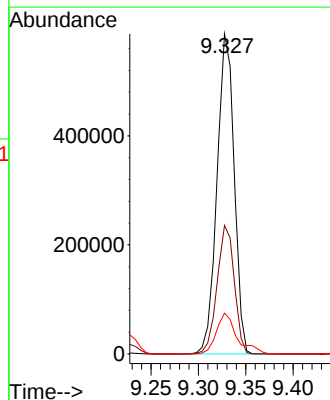
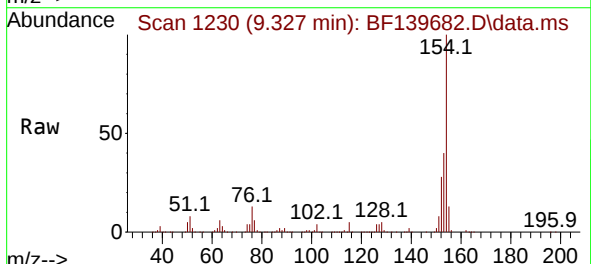
Tgt Ion:154 Resp: 741322

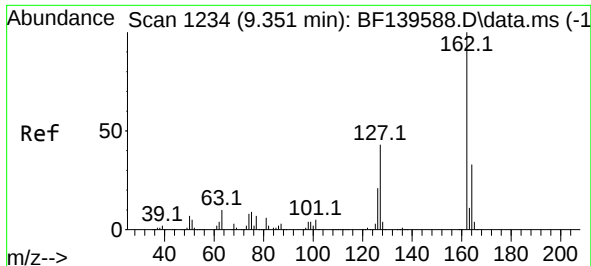
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.8 0.0 32.6

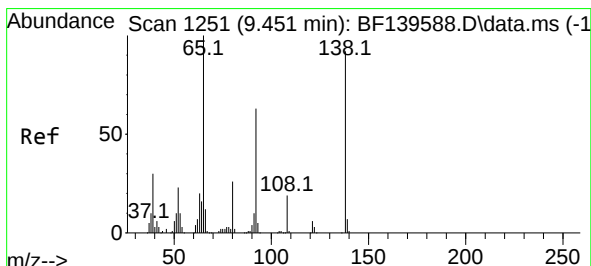
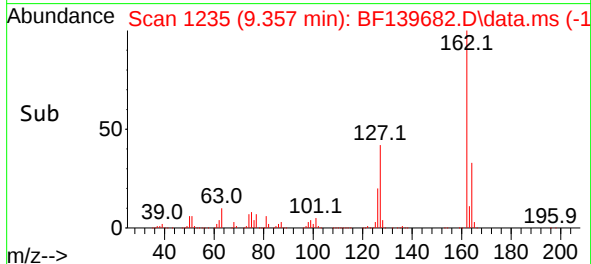
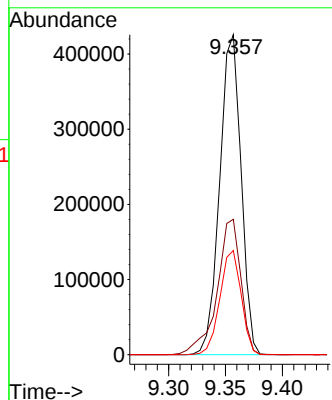
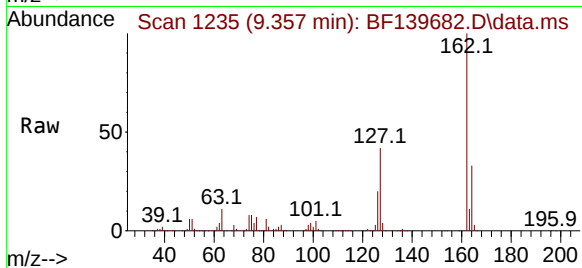




#47
2-Chloronaphthalene
Concen: 48.470 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

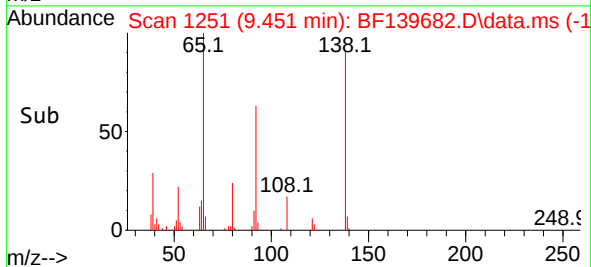
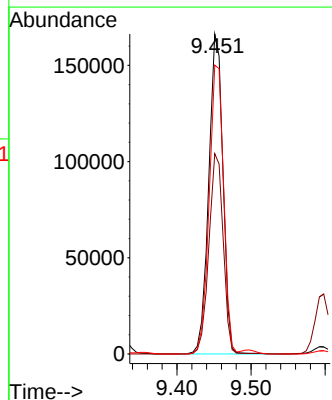
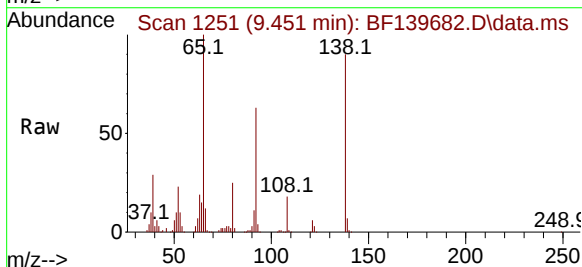
Instrument :
BNA_F
ClientSampleId :
PB163898BS

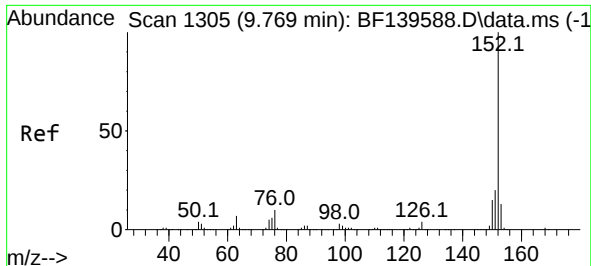
Tgt Ion:162 Resp: 557975
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 53.515 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 65 Resp: 221144
Ion Ratio Lower Upper
65 100
92 62.6 50.0 75.0
138 90.2 73.8 110.8





#49

Acenaphthylene

Concen: 53.465 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

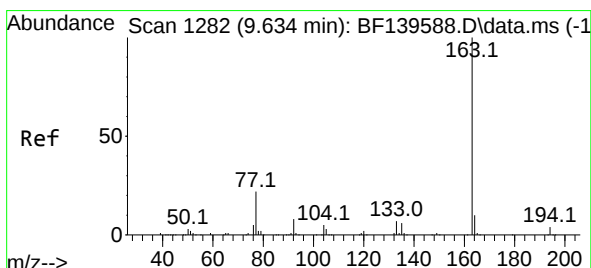
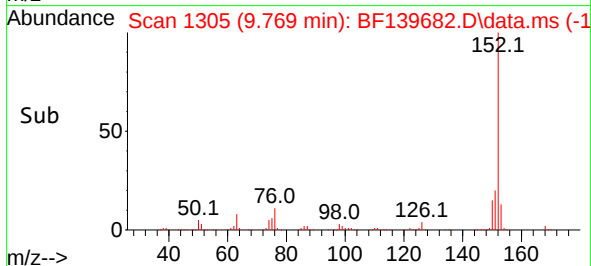
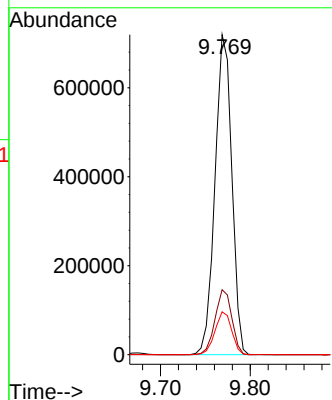
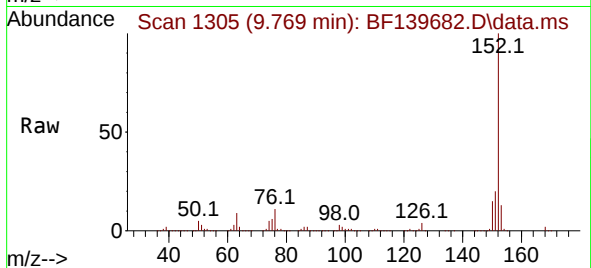
Tgt Ion:152 Resp: 936004

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 52.530 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

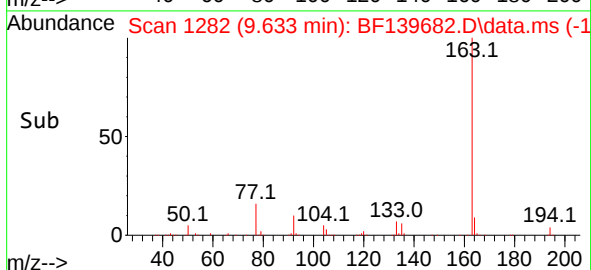
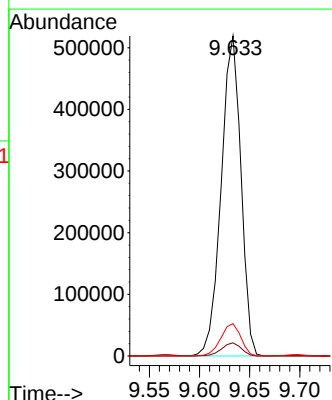
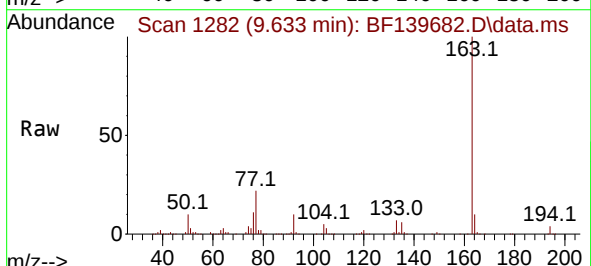
Tgt Ion:163 Resp: 709940

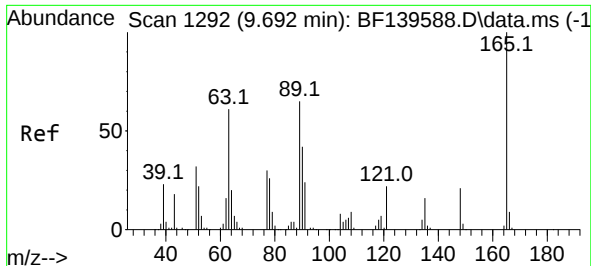
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

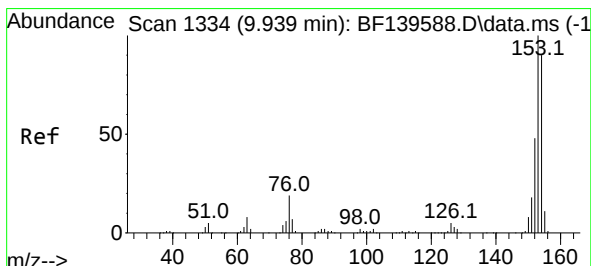
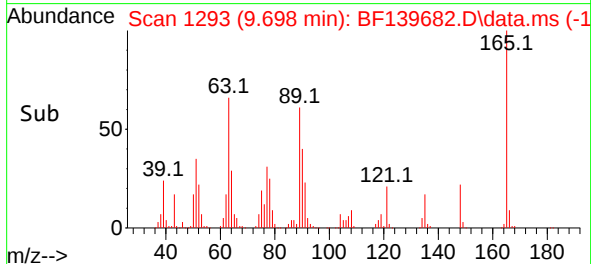
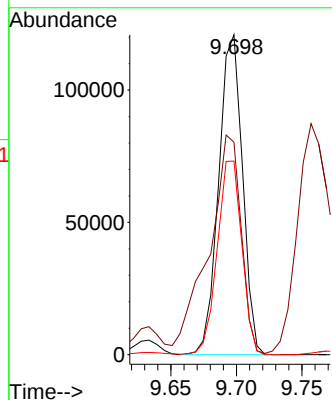
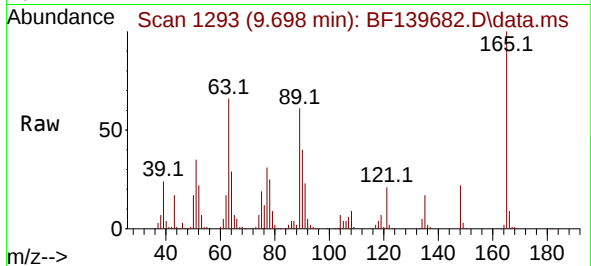




#51
2,6-Dinitrotoluene
Concen: 49.897 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

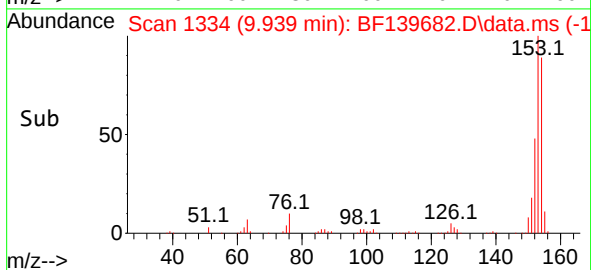
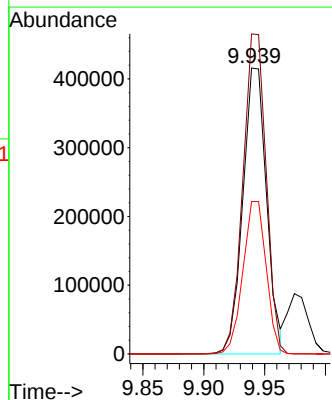
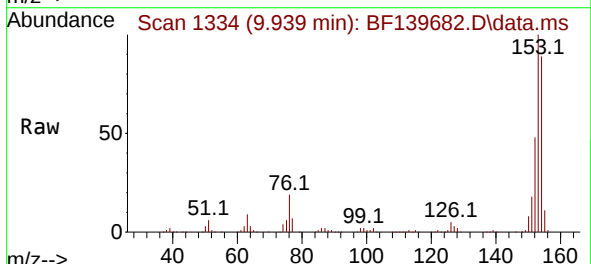
Instrument :
BNA_F
ClientSampleId :
PB163898BS

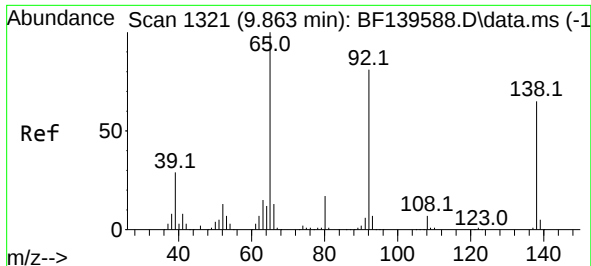
Tgt Ion:165 Resp: 152333
Ion Ratio Lower Upper
165 100
63 66.4 56.7 85.1
89 60.5 51.6 77.4



#52
Acenaphthene
Concen: 46.980 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:154 Resp: 564631
Ion Ratio Lower Upper
154 100
153 111.9 88.8 133.2
152 53.3 42.5 63.7





#53
3-Nitroaniline
Concen: 38.925 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

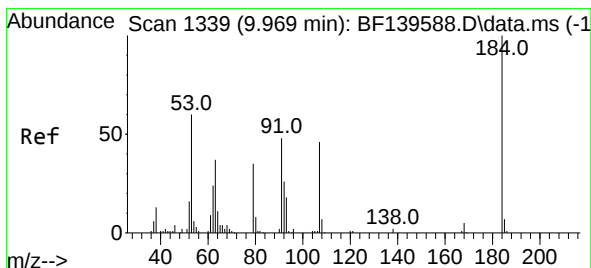
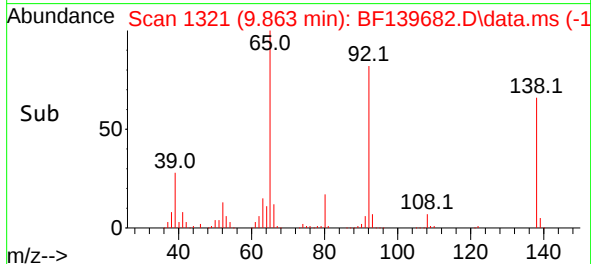
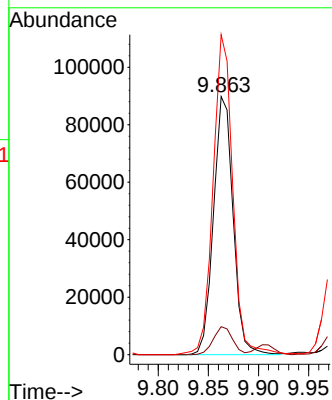
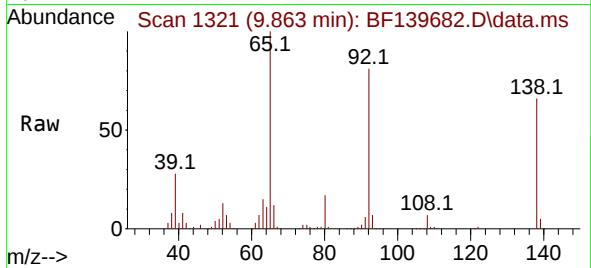
Instrument :

BNA_F

ClientSampleId :

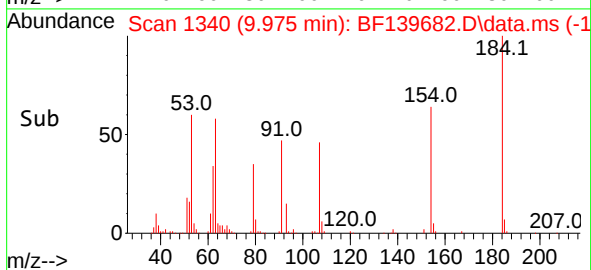
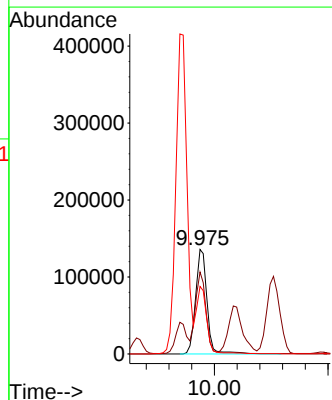
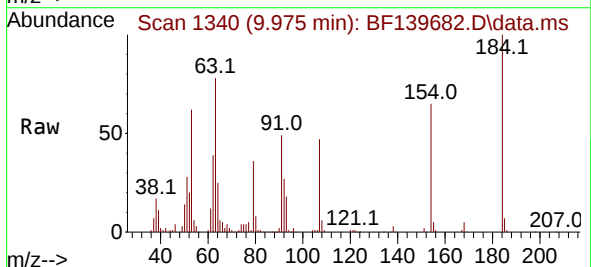
PB163898BS

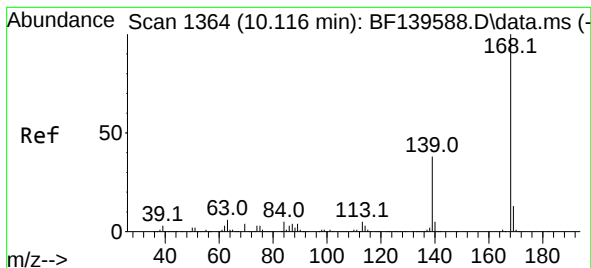
Tgt Ion:138 Resp: 121440
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 124.0 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 116.732 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:184 Resp: 191683
Ion Ratio Lower Upper
184 100
63 78.3 61.7 92.5
154 64.6 53.0 79.4





#55

Dibenzofuran

Concen: 50.921 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

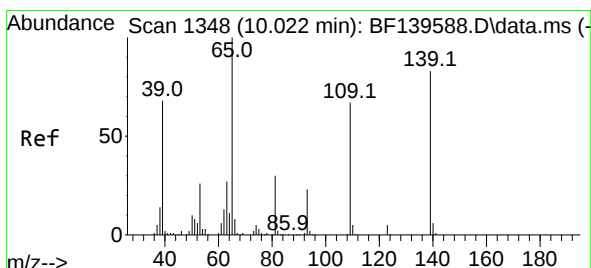
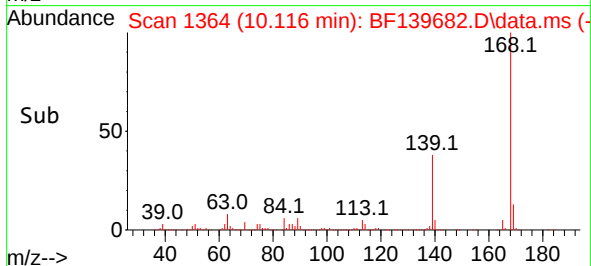
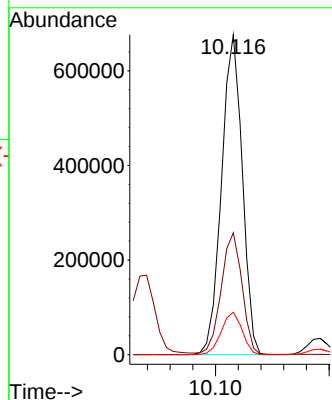
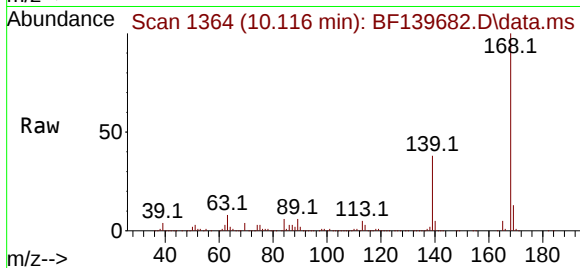
Tgt Ion:168 Resp: 856867

Ion Ratio Lower Upper

168 100

139 38.1 30.4 45.6

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 106.773 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.017 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

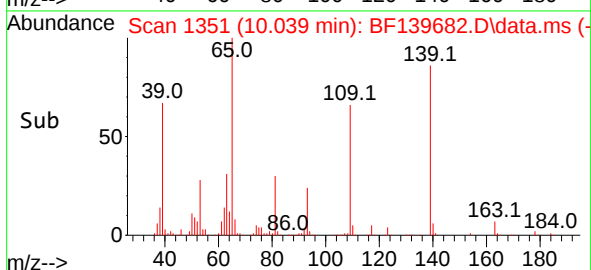
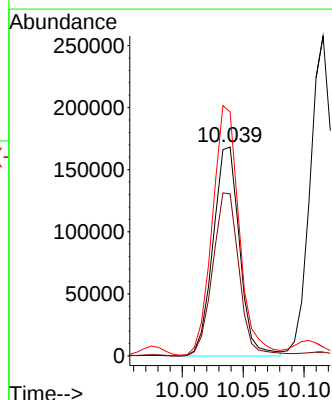
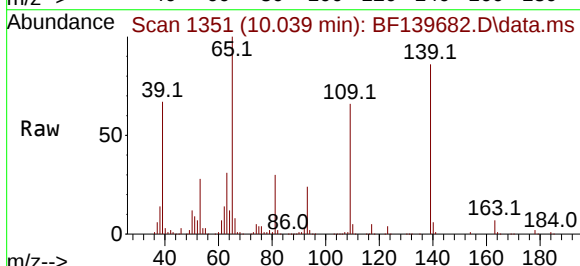
Tgt Ion:139 Resp: 254032

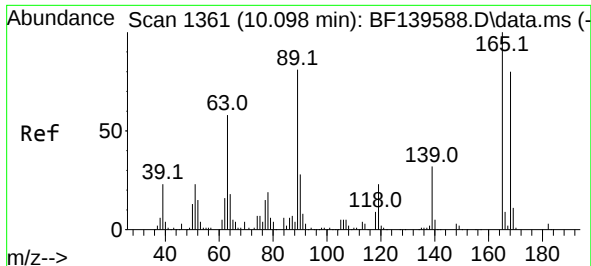
Ion Ratio Lower Upper

139 100

109 77.5 60.3 100.3

65 116.7 100.8 140.8

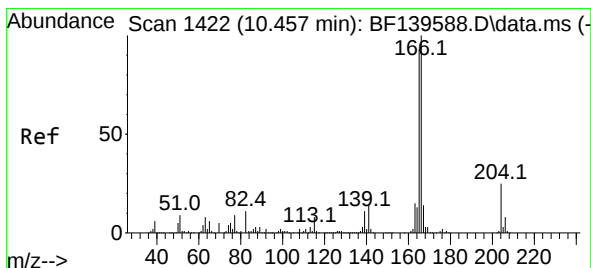
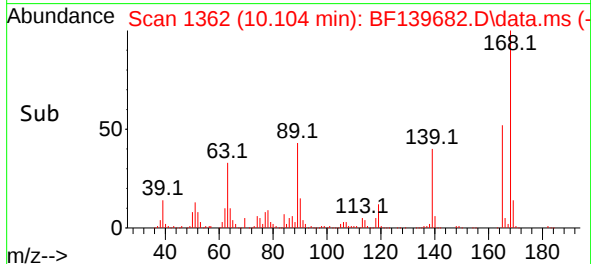
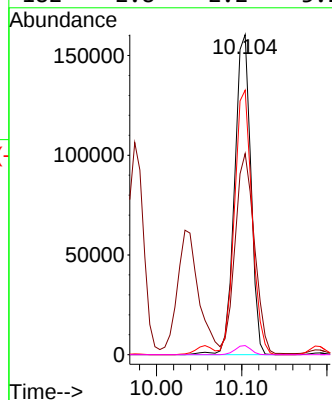
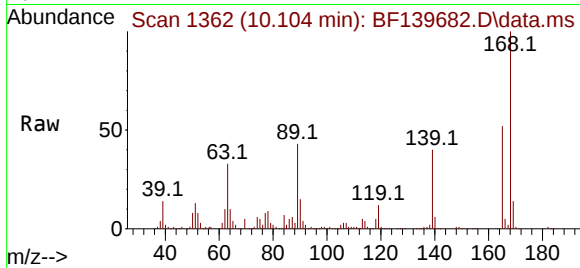




#57
2,4-Dinitrotoluene
Concen: 53.124 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

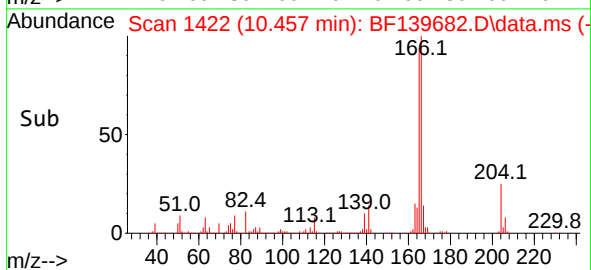
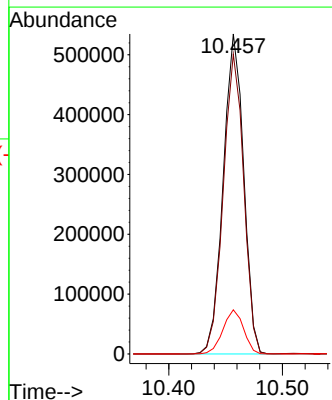
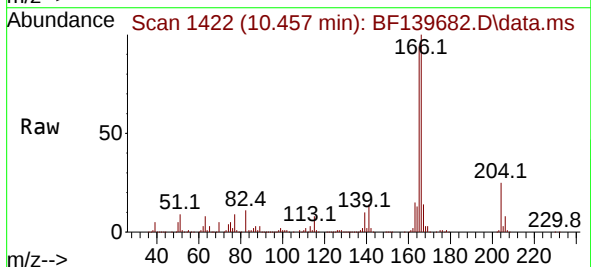
Instrument :
BNA_F
ClientSampleId :
PB163898BS

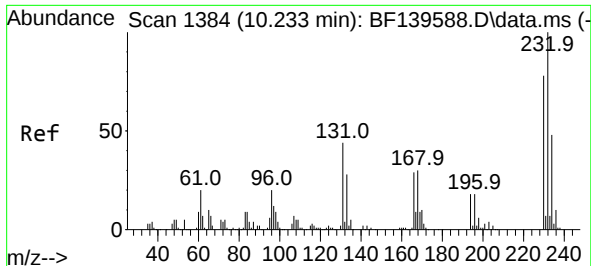
Tgt Ion:165 Resp: 211996
Ion Ratio Lower Upper
165 100
63 62.9 46.9 70.3
89 82.6 64.4 96.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 49.940 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:166 Resp: 669331
Ion Ratio Lower Upper
166 100
165 93.7 74.4 111.6
167 13.8 10.9 16.3

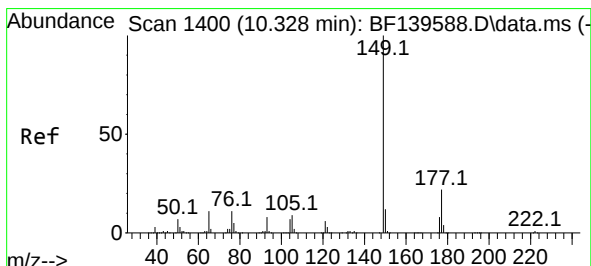
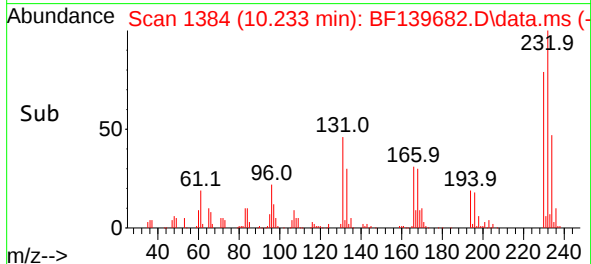
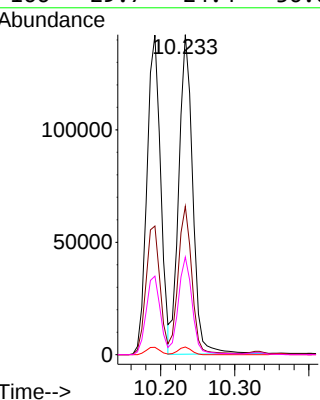
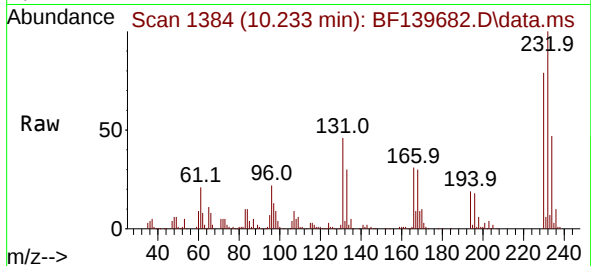




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.986 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

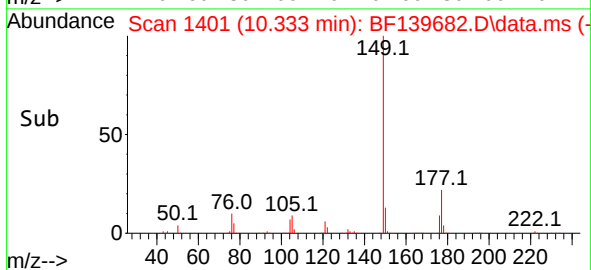
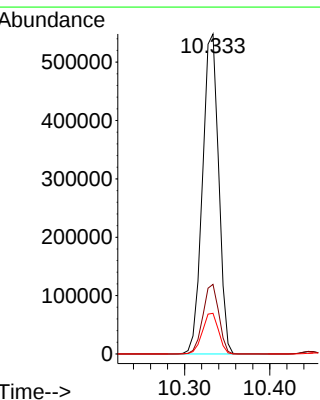
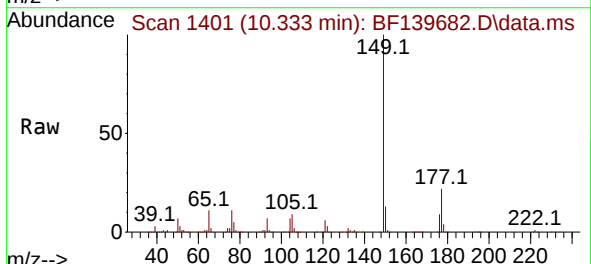
Instrument :
BNA_F
ClientSampleId :
PB163898BS

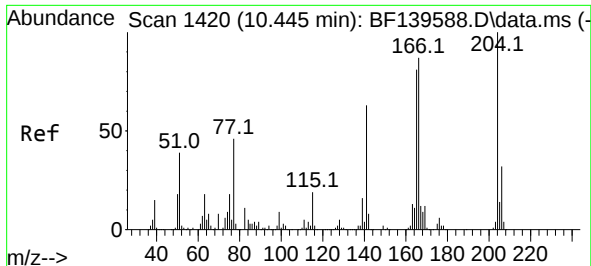
Tgt Ion:232 Resp: 185099
Ion Ratio Lower Upper
232 100
131 46.2 37.8 56.6
130 2.3 1.9 2.9
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 51.655 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:149 Resp: 721070
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.7 10.0 15.0

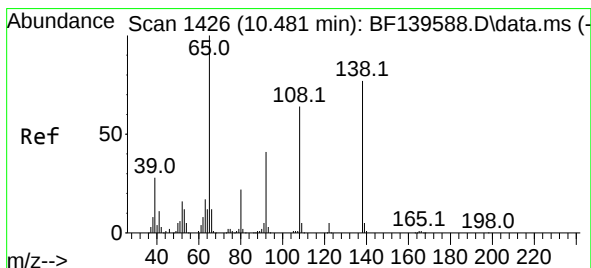
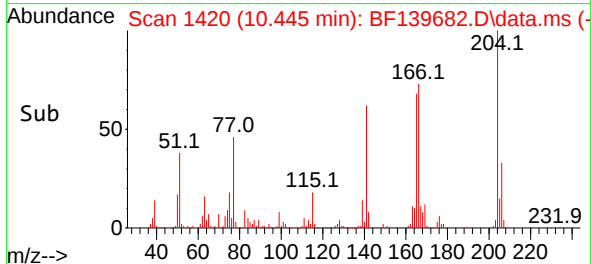
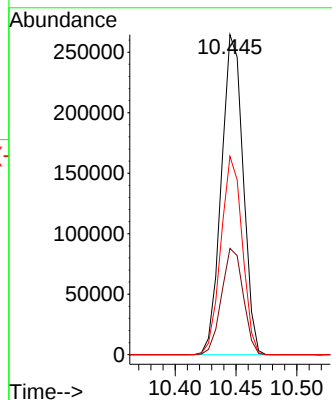
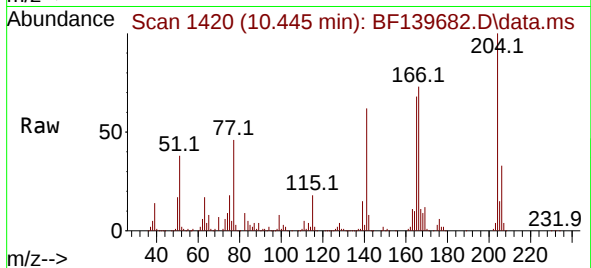




#61
4-Chlorophenyl-phenylether
Concen: 48.963 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

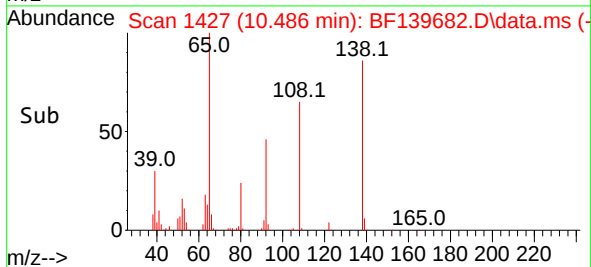
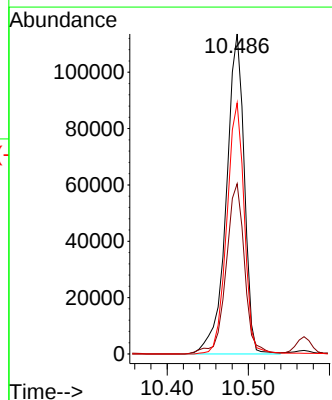
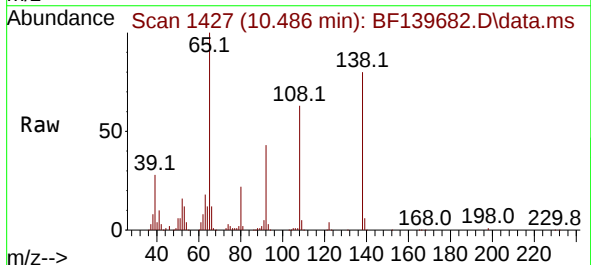
Instrument :
BNA_F
ClientSampleId :
PB163898BS

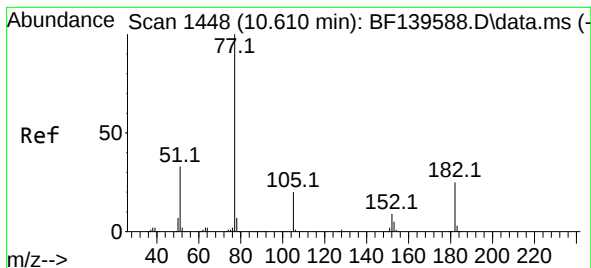
Tgt Ion:204 Resp: 328305
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 62.0 50.5 75.7



#62
4-Nitroaniline
Concen: 54.956 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:138 Resp: 175377
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 78.4 62.1 102.1





#63

Azobenzene

Concen: 51.729 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion: 77 Resp: 726187

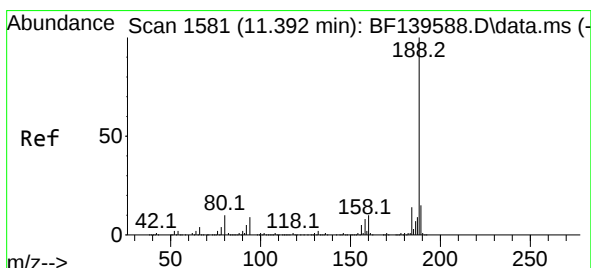
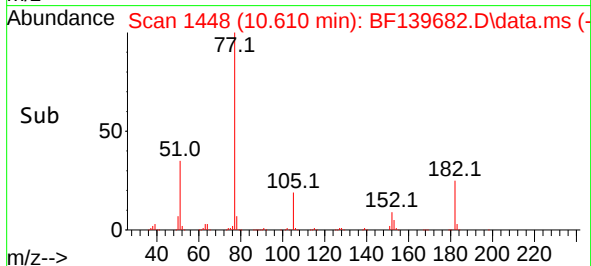
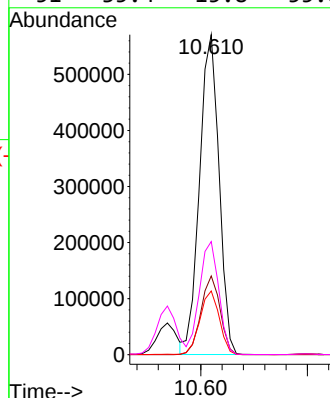
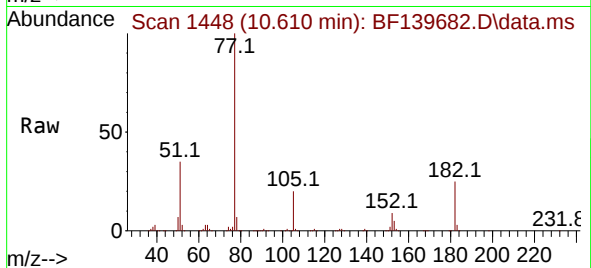
Ion Ratio Lower Upper

77 100

182 24.6 4.2 44.2

105 19.9 0.0 39.6

51 35.4 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

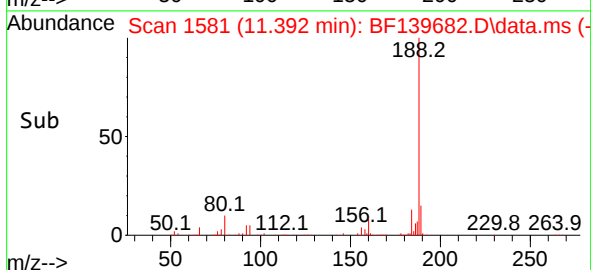
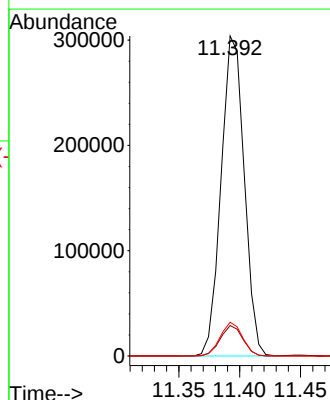
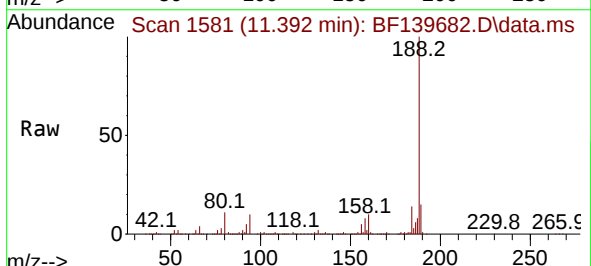
Tgt Ion: 188 Resp: 401377

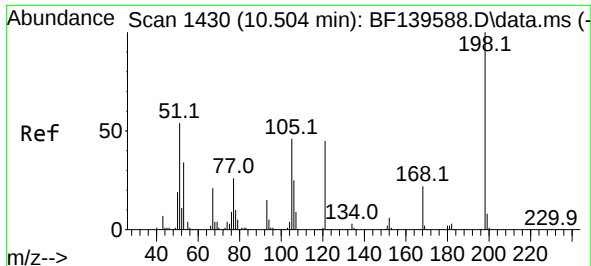
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.5 8.2 12.2

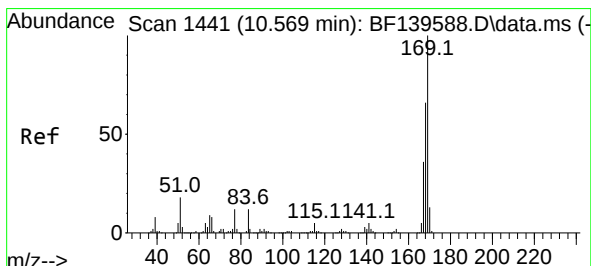
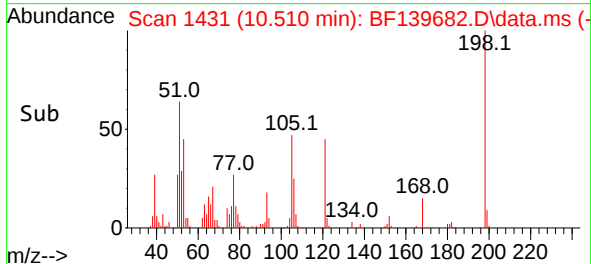
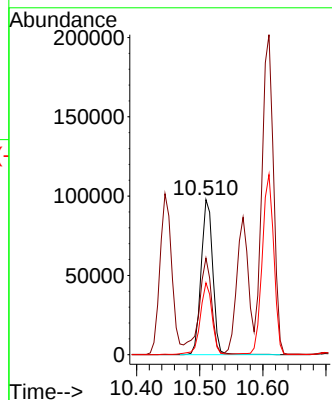
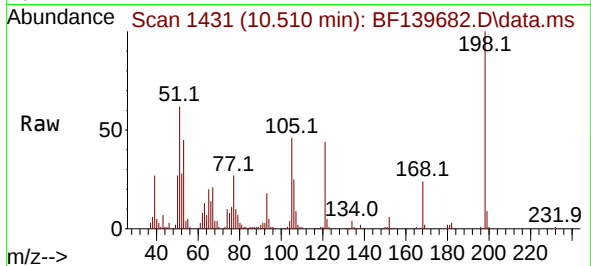




#65
4,6-Dinitro-2-methylphenol
Concen: 55.254 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

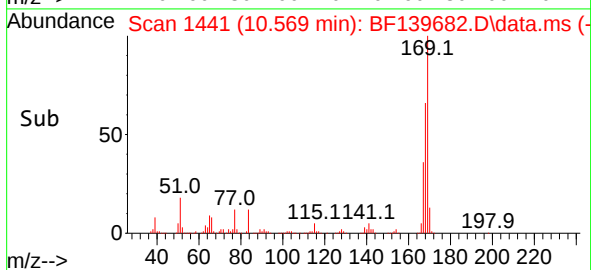
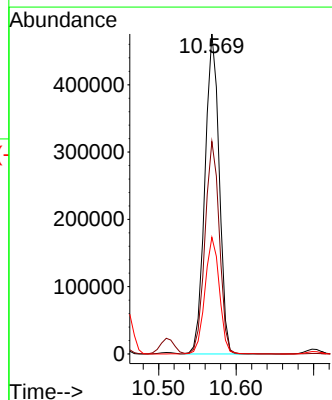
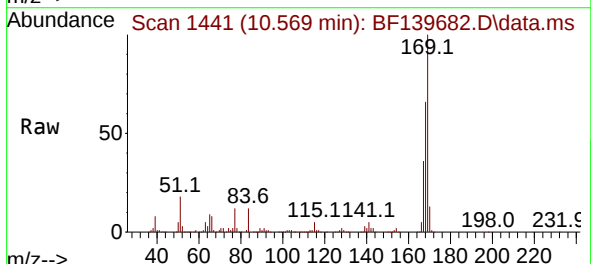
Instrument :
BNA_F
ClientSampleId :
PB163898BS

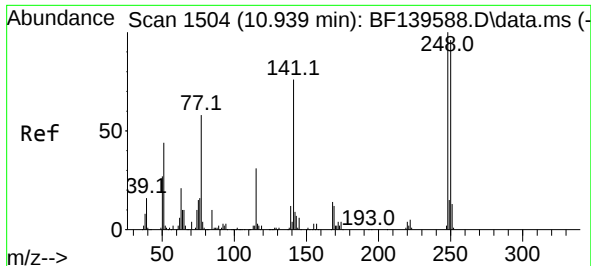
Tgt Ion:198 Resp: 125255
Ion Ratio Lower Upper
198 100
51 62.3 43.0 83.0
105 46.3 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 51.290 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:169 Resp: 606821
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.4 28.6 43.0

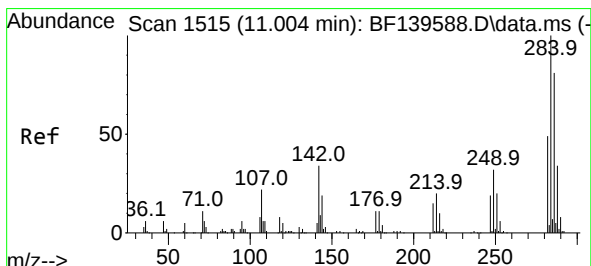
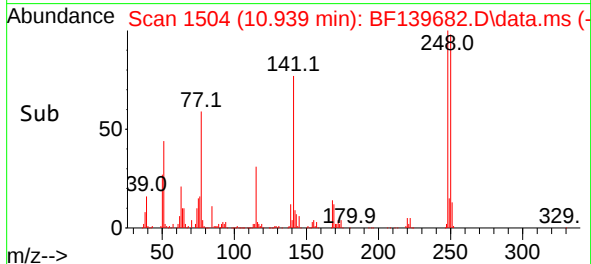
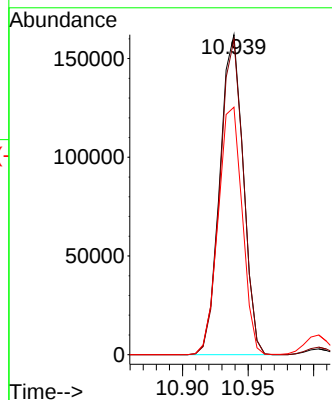
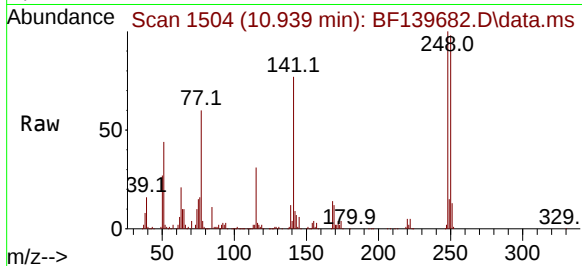




#67
4-Bromophenyl-phenylether
Concen: 48.967 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

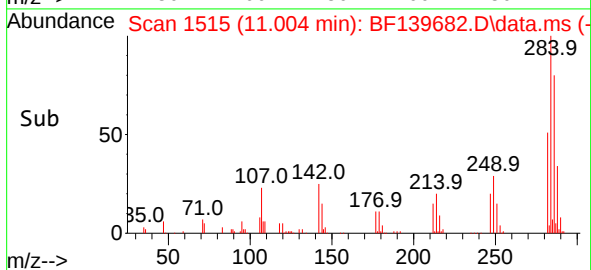
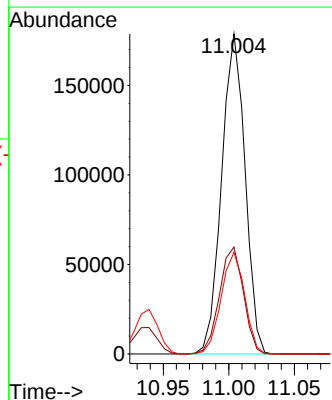
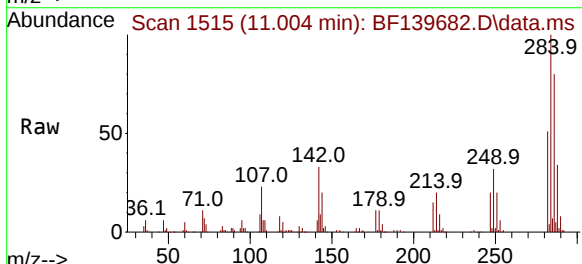
Instrument :
BNA_F
ClientSampleId :
PB163898BS

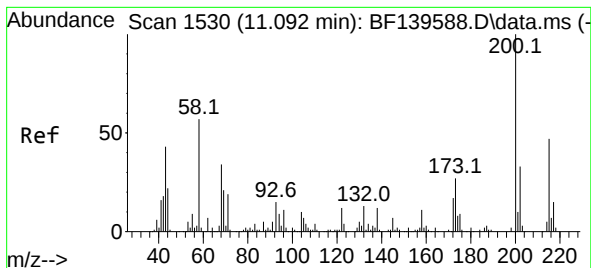
Tgt Ion:248 Resp: 201514
Ion Ratio Lower Upper
248 100
250 98.5 77.1 115.7
141 77.3 60.4 90.6



#68
Hexachlorobenzene
Concen: 48.613 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:284 Resp: 221995
Ion Ratio Lower Upper
284 100
142 33.4 26.9 40.3
249 31.8 25.4 38.0





#69

Atrazine

Concen: 63.587 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

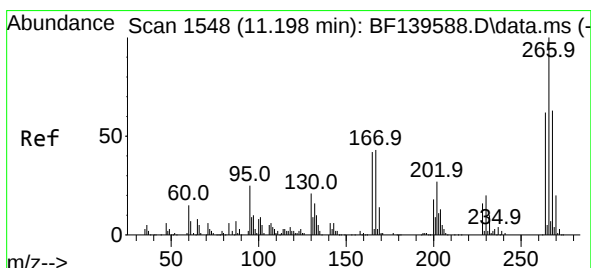
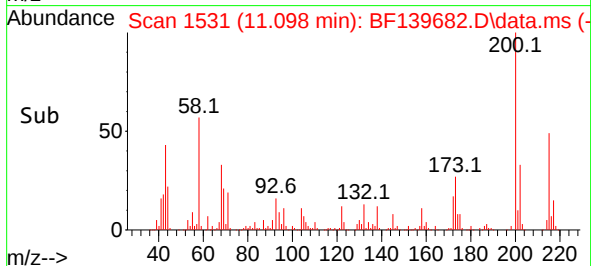
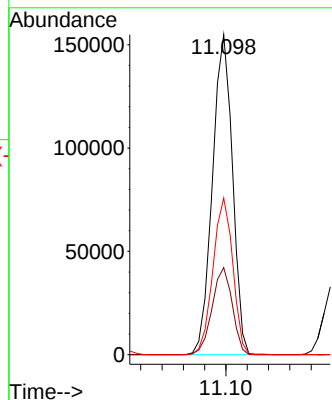
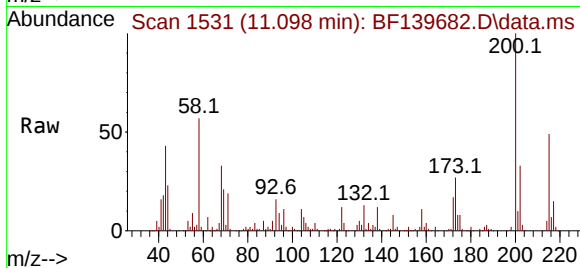
Tgt Ion:200 Resp: 201845

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

215 49.0 27.5 67.5



#70

Pentachlorophenol

Concen: 96.362 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

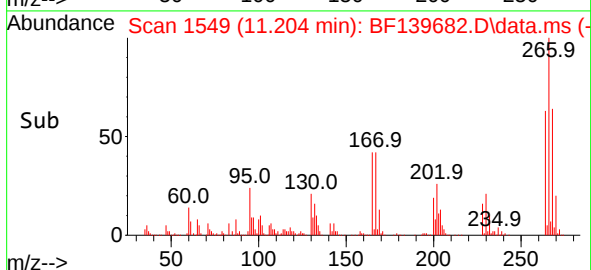
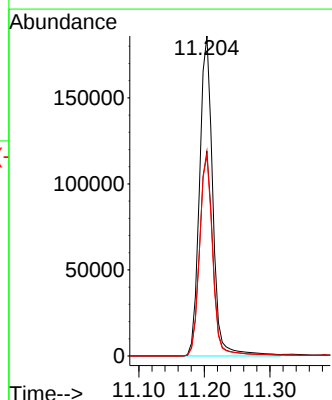
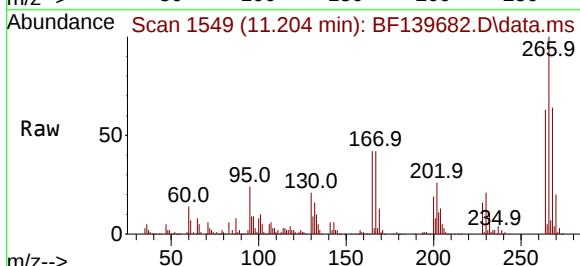
Tgt Ion:266 Resp: 262023

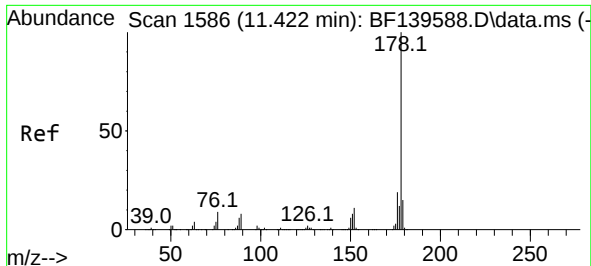
Ion Ratio Lower Upper

266 100

268 63.9 50.0 75.0

264 62.7 49.3 73.9

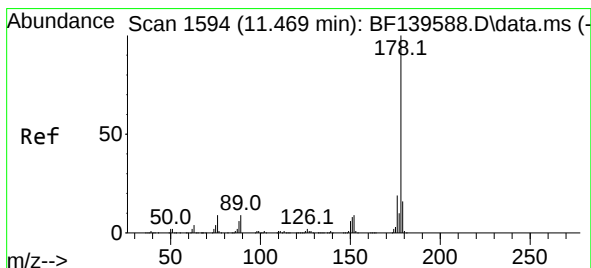
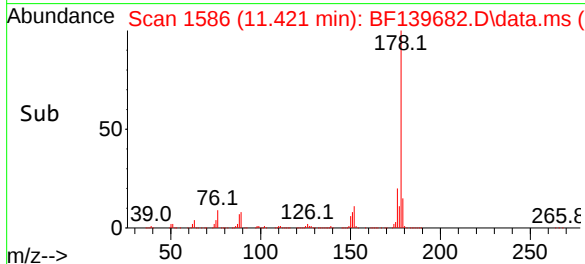
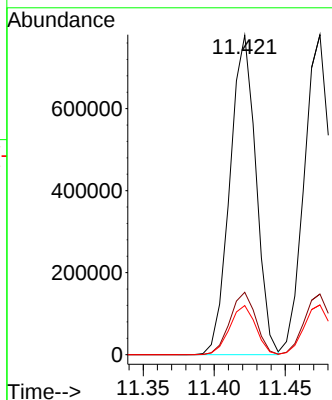
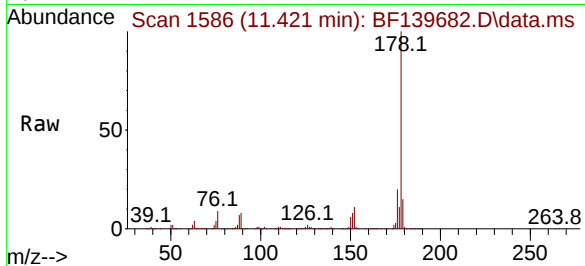




#71
Phenanthrene
Concen: 52.488 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

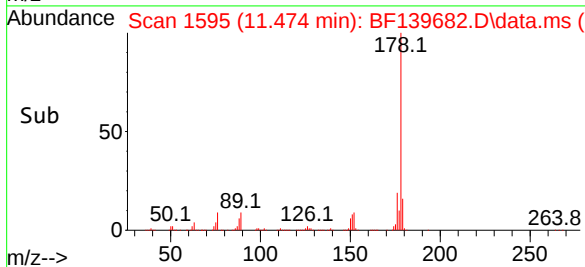
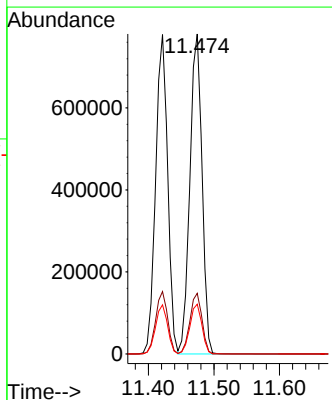
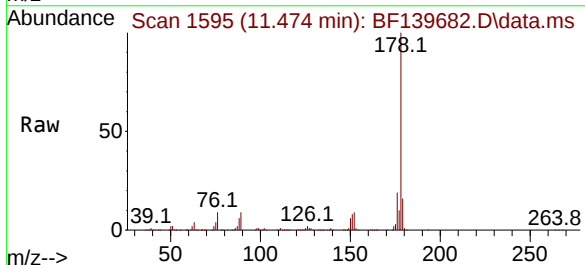
Instrument :
BNA_F
ClientSampleId :
PB163898BS

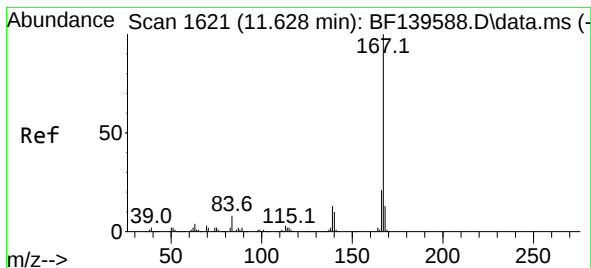
Tgt Ion:178 Resp: 993348
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.3 18.5



#72
Anthracene
Concen: 53.632 ng
RT: 11.474 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:178 Resp: 1004132
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.5 18.7





#73

Carbazole

Concen: 52.543 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

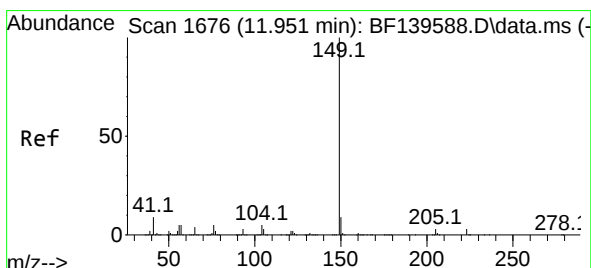
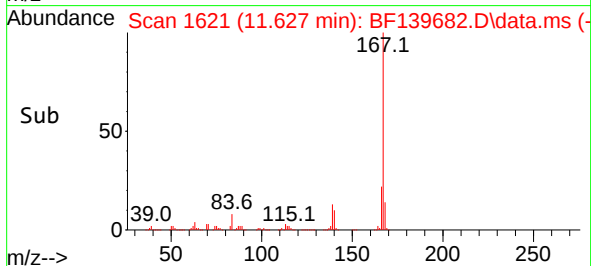
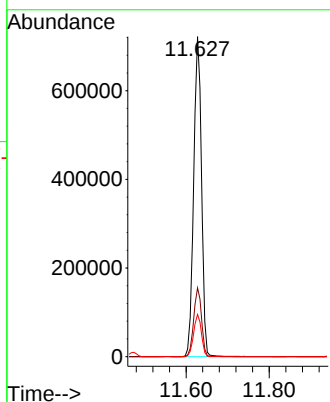
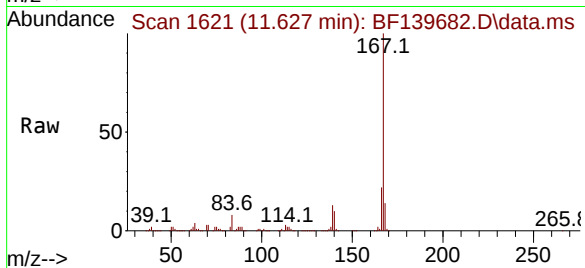
Tgt Ion:167 Resp: 944851

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.274 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

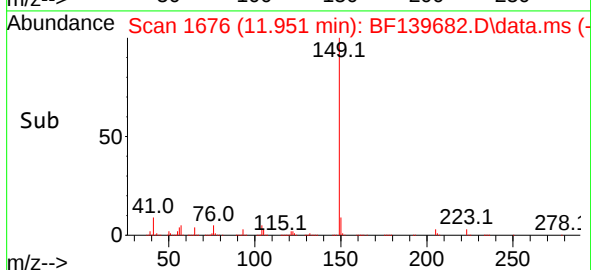
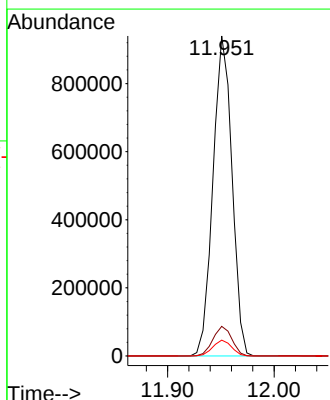
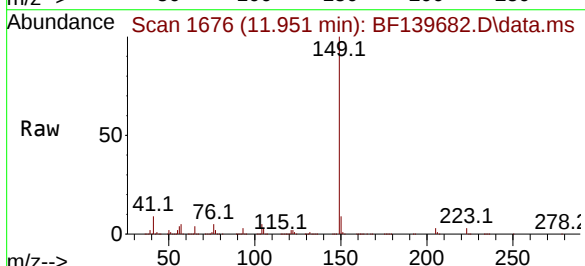
Tgt Ion:149 Resp: 1164948

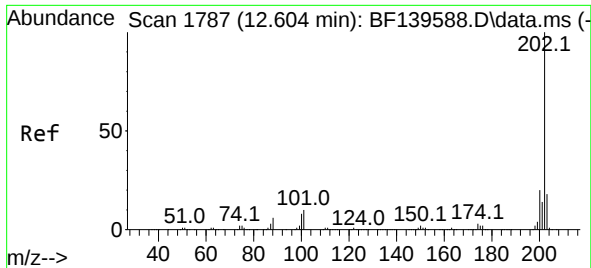
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

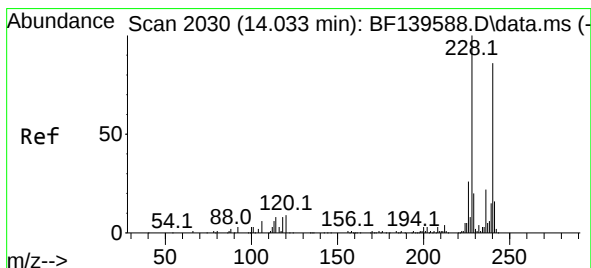
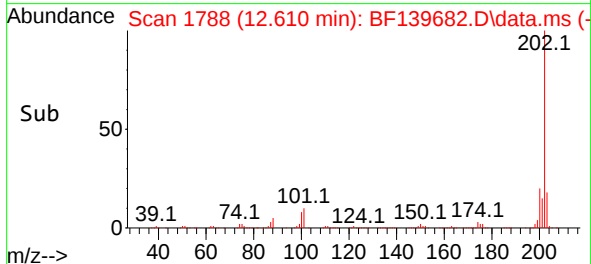
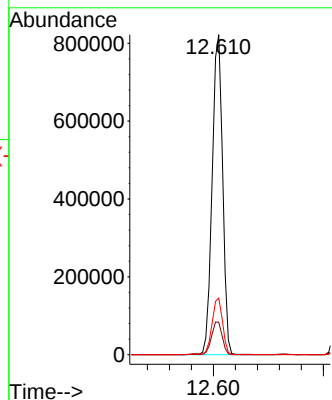
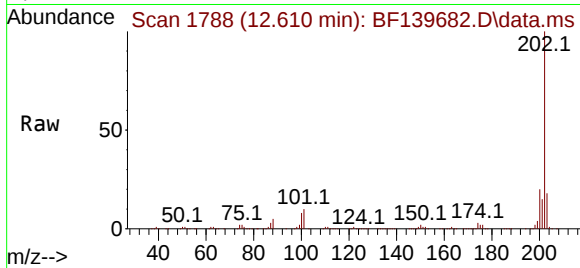




#75
Fluoranthene
Concen: 52.509 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

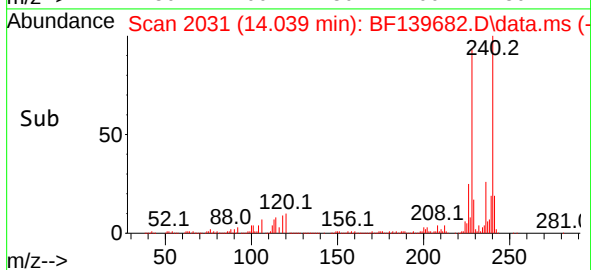
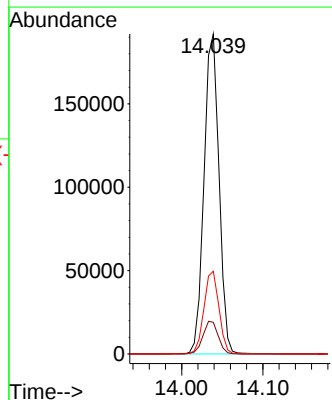
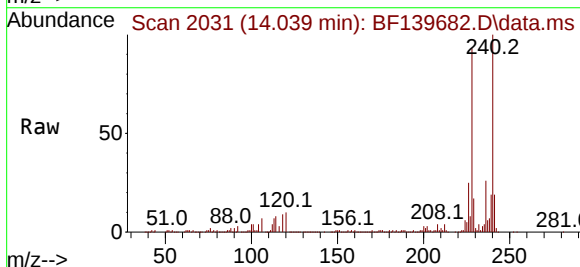
Instrument :
BNA_F
ClientSampleId :
PB163898BS

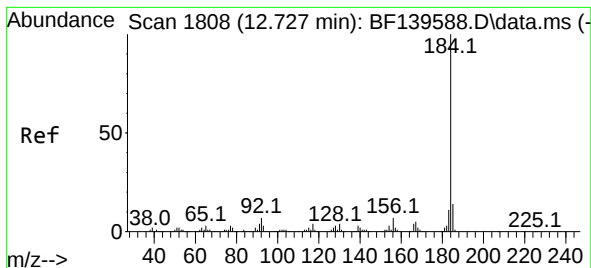
Tgt Ion:202 Resp: 1086310
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:240 Resp: 245646
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.9 20.3 30.5





#77

Benzidine

Concen: 88.833 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

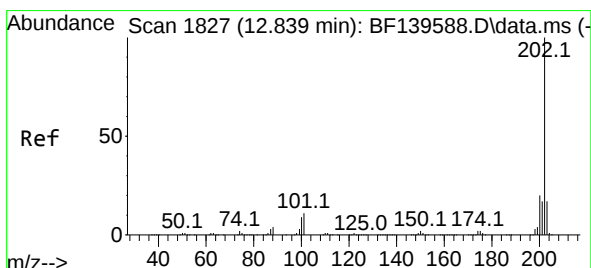
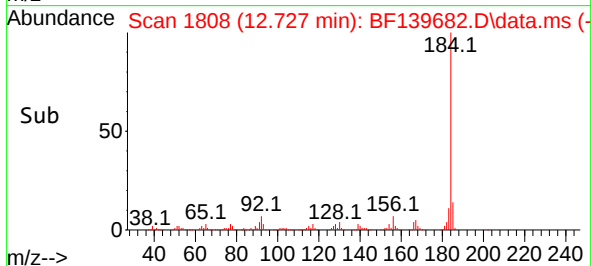
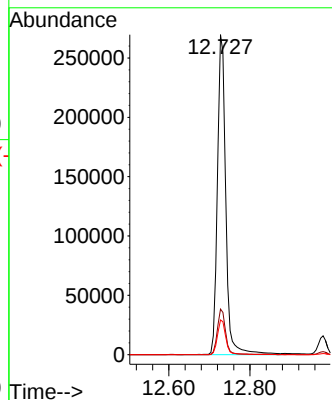
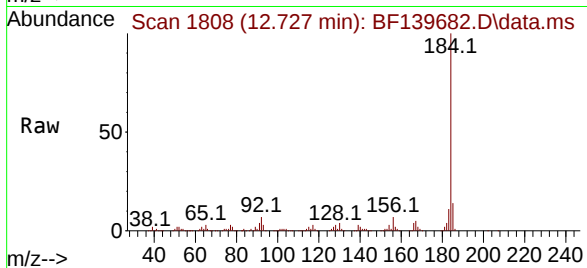
Tgt Ion:184 Resp: 384907

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 10.9 8.8 13.2



#78

Pyrene

Concen: 51.028 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

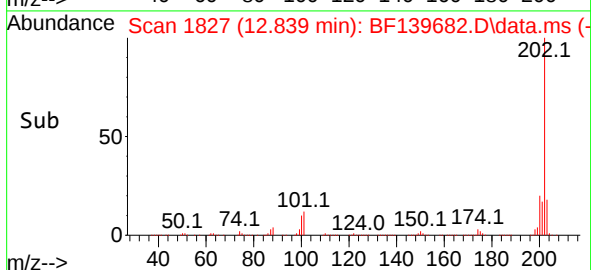
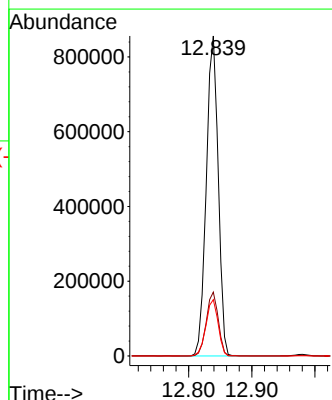
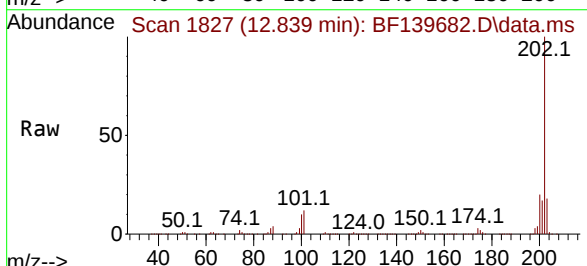
Tgt Ion:202 Resp: 1121093

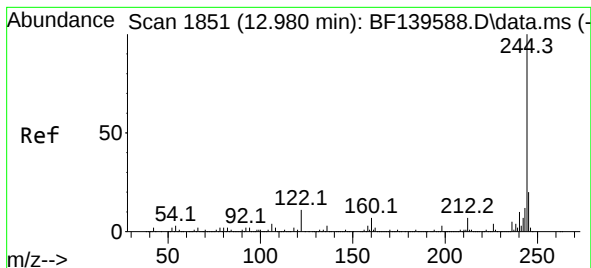
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.6

203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 100.870 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

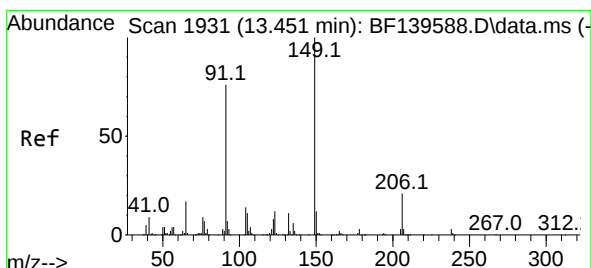
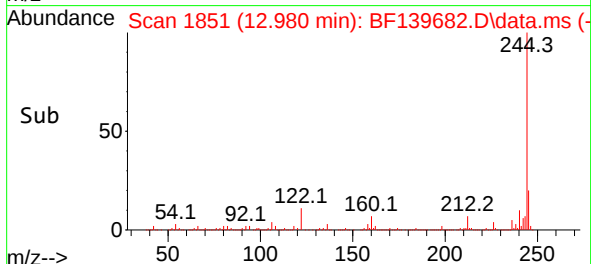
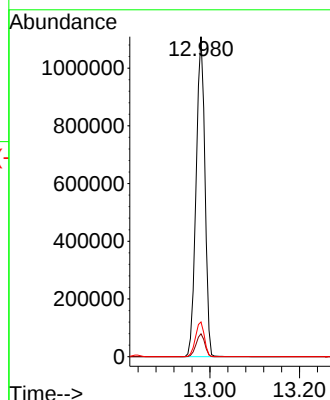
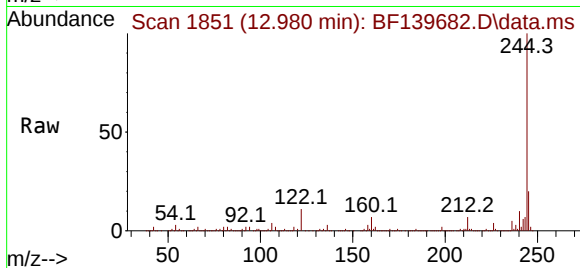
Tgt Ion:244 Resp: 1510101

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.8 8.6 12.8



#80

Butylbenzylphthalate

Concen: 56.402 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

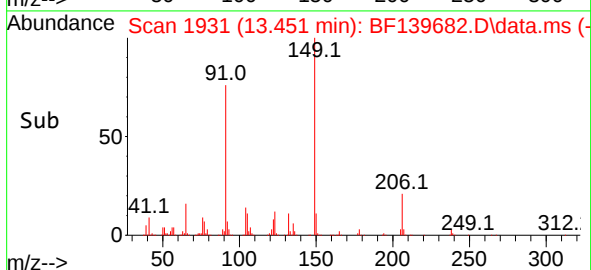
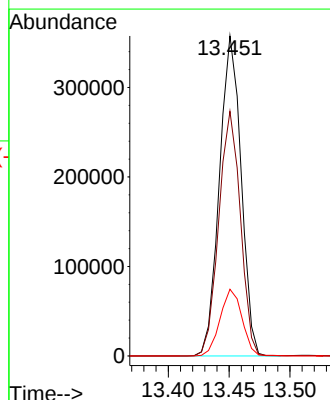
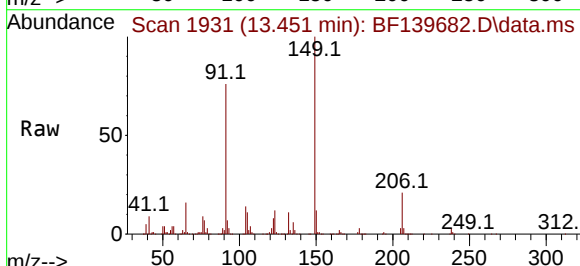
Tgt Ion:149 Resp: 443244

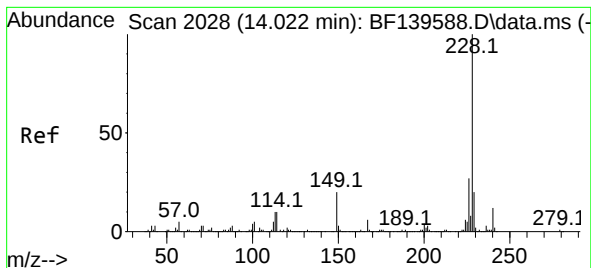
Ion Ratio Lower Upper

149 100

91 76.5 61.0 91.4

206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 54.151 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

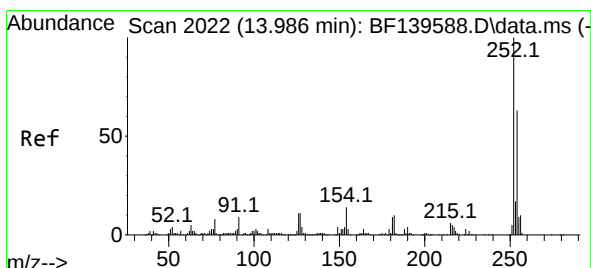
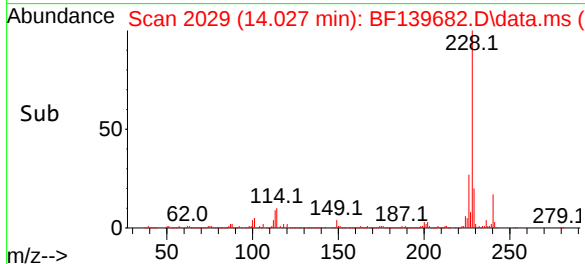
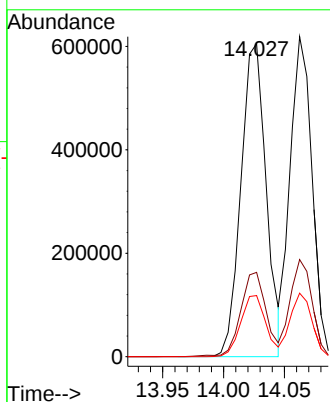
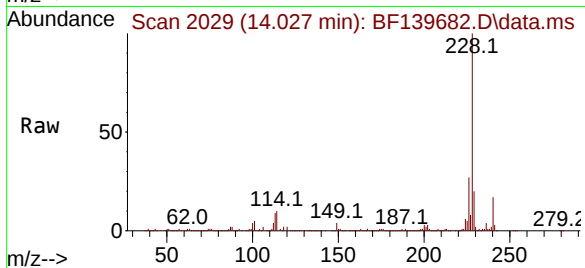
Tgt Ion:228 Resp: 874551

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.499 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

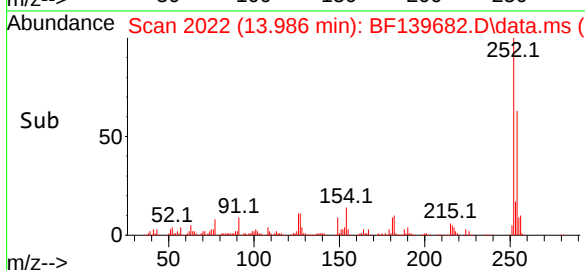
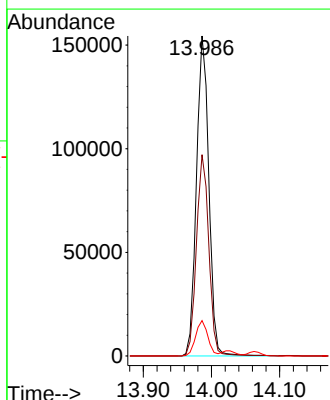
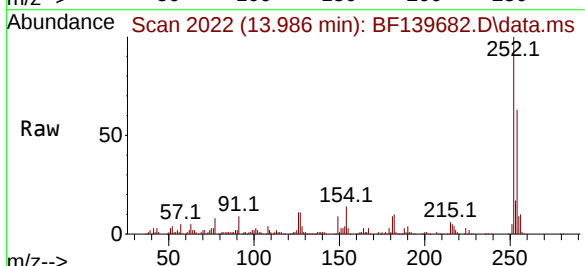
Tgt Ion:252 Resp: 195234

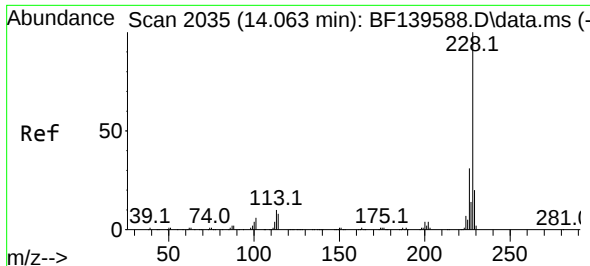
Ion Ratio Lower Upper

252 100

254 62.9 50.5 75.7

126 11.1 8.8 13.2

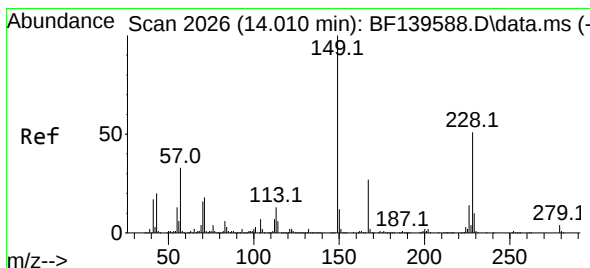
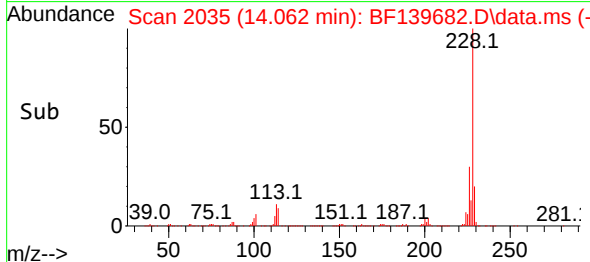
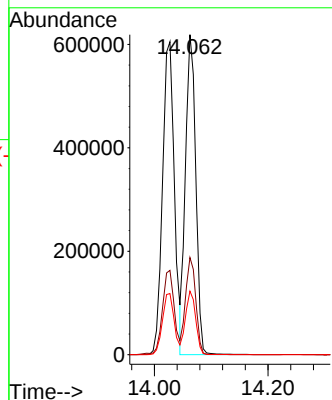
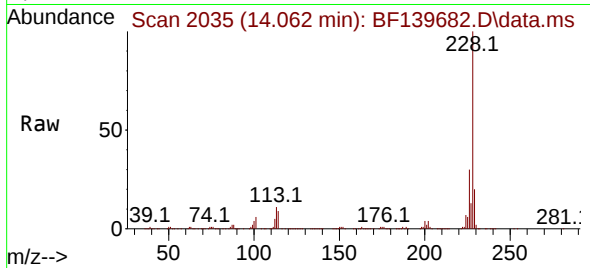




#83
Chrysene
Concen: 52.708 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

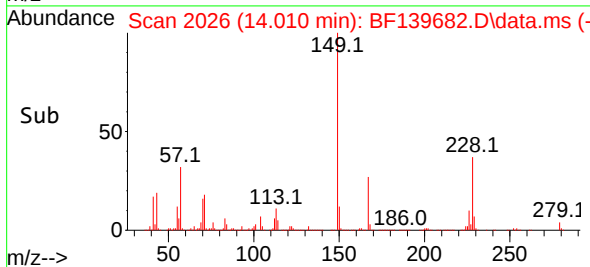
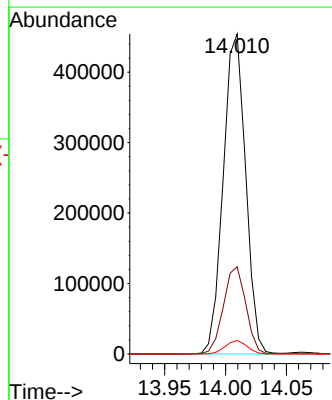
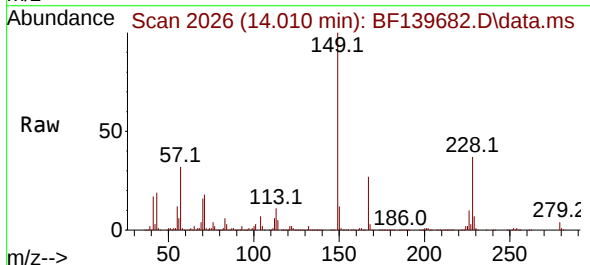
Instrument :
BNA_F
ClientSampleId :
PB163898BS

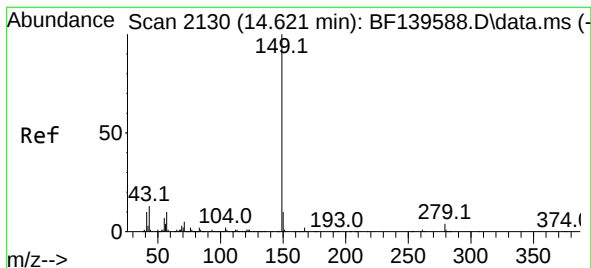
Tgt Ion:228 Resp: 778254
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.405 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:149 Resp: 582939
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.608 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

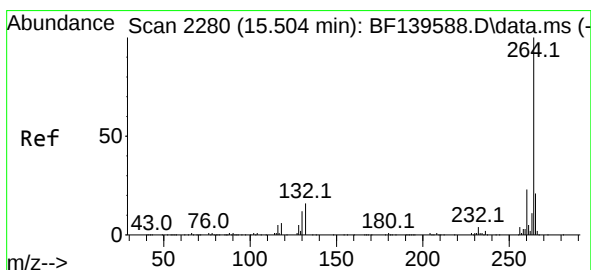
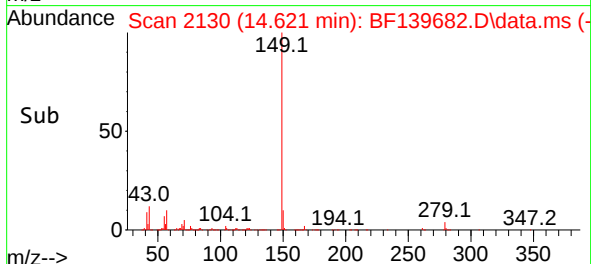
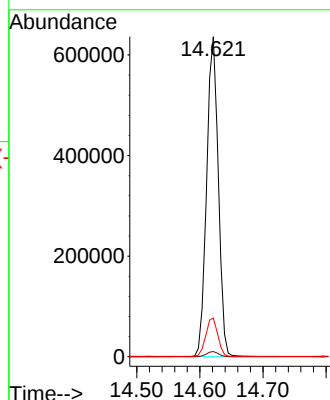
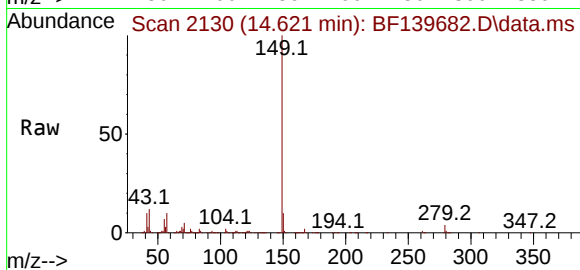
Tgt Ion:149 Resp: 816089

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

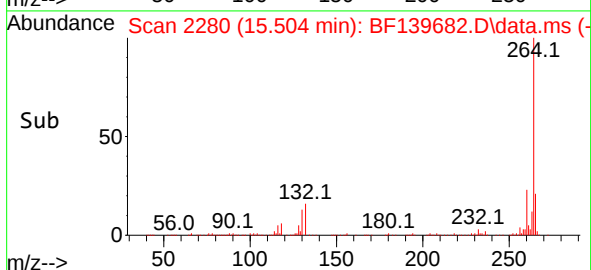
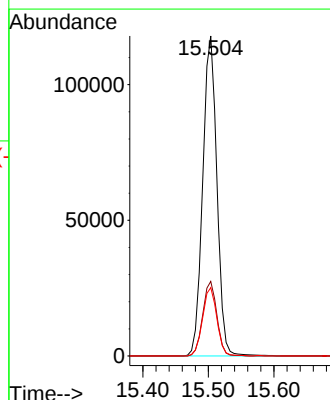
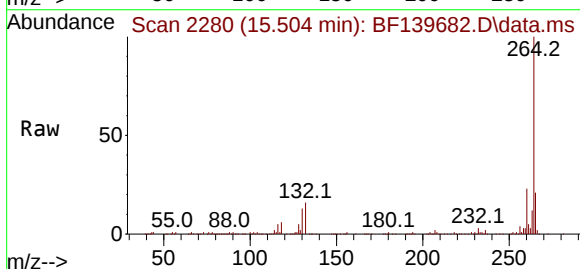
Tgt Ion:264 Resp: 177823

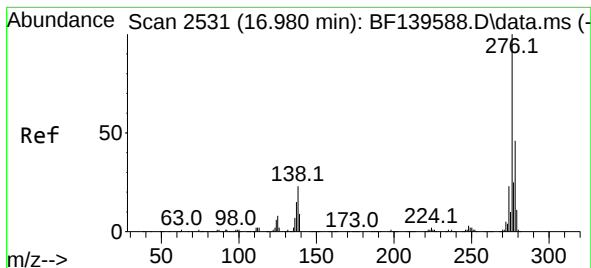
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.781 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

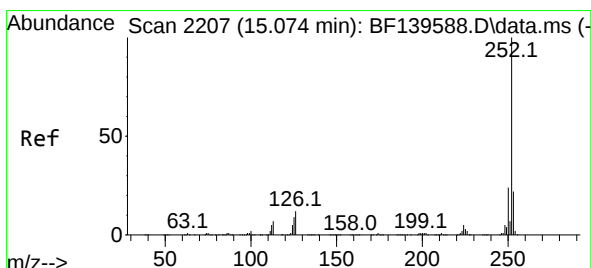
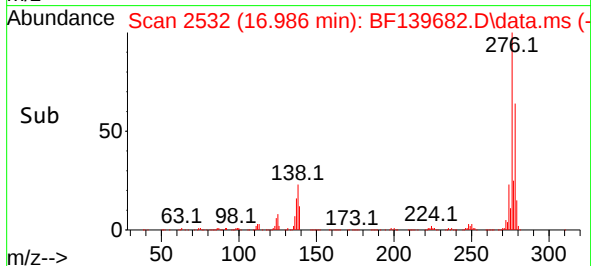
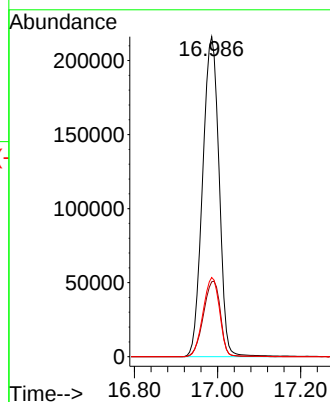
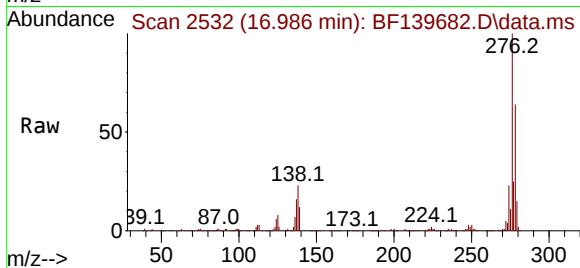
Tgt Ion:276 Resp: 594282

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.277 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

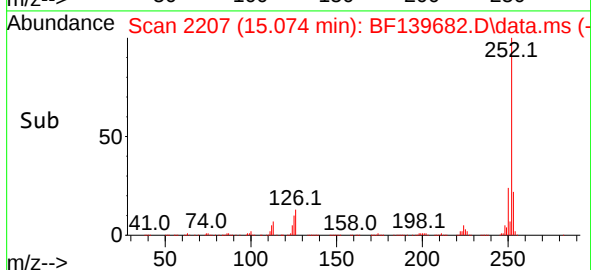
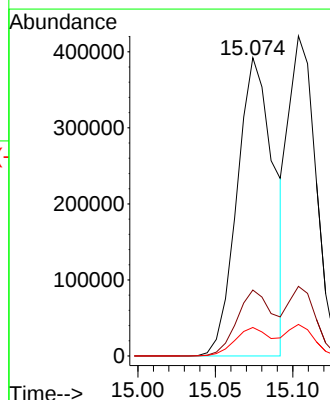
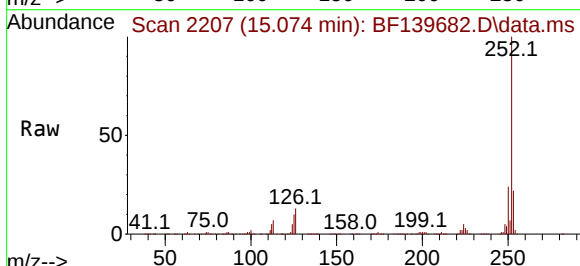
Tgt Ion:252 Resp: 647061

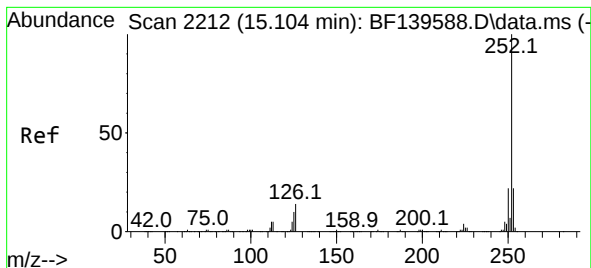
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.439 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

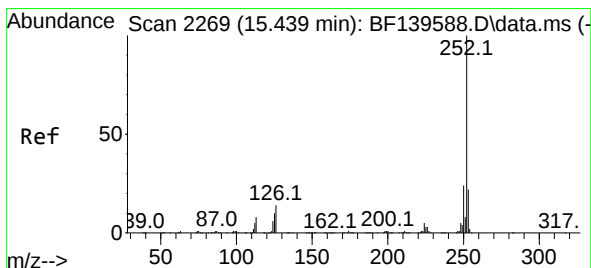
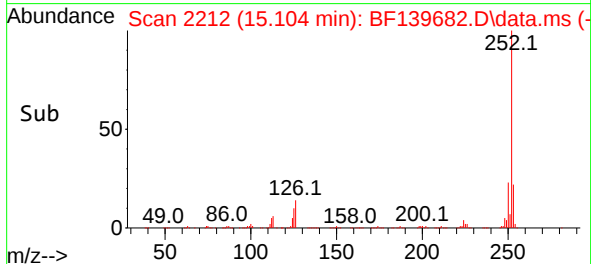
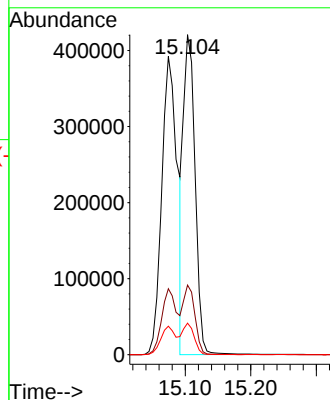
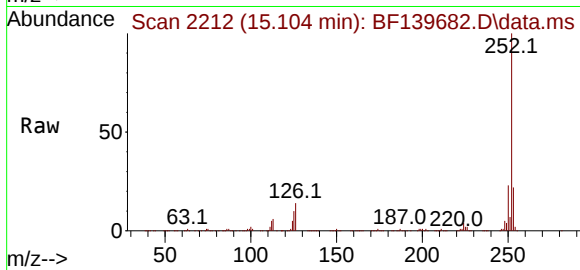
Tgt Ion:252 Resp: 521199

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 57.327 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

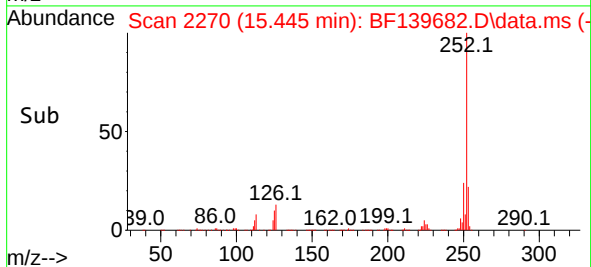
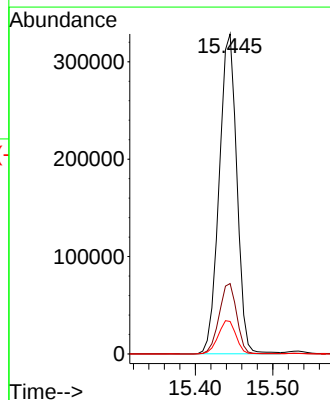
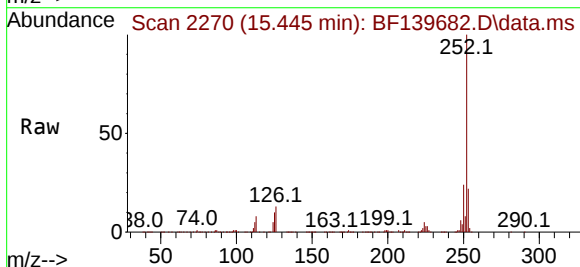
Tgt Ion:252 Resp: 519722

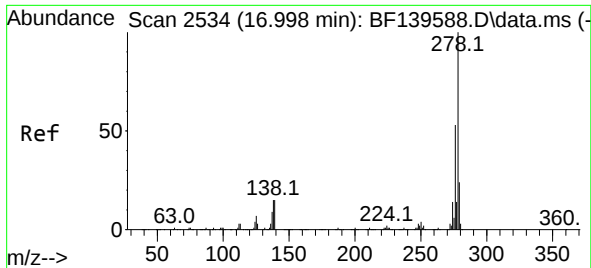
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.2 8.3 12.5



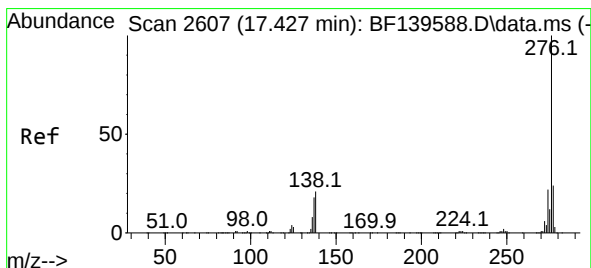
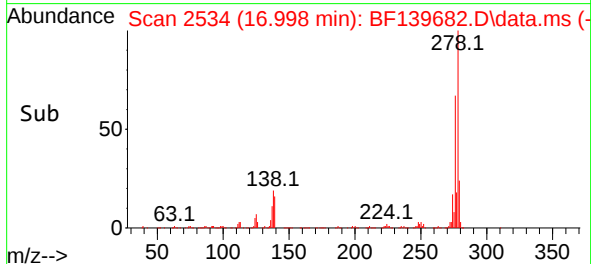
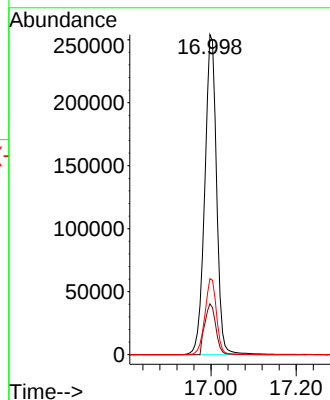
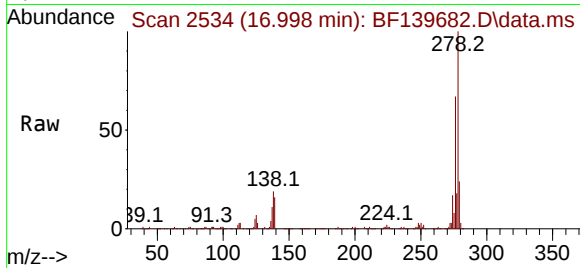


#91
Dibenzo(a,h)anthracene
Concen: 56.309 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Tgt Ion:278 Resp: 488811

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.2	18.4
279	23.7	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 52.511 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:276 Resp: 457166

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	20.2	17.0	25.6

