

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139667.D
 Acq On : 04 Oct 2024 19:48
 Operator : RC/JU
 Sample : P4242-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-QMSD

Quant Time: Oct 04 22:55:03 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	85435	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300337	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141928	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	232157	20.000	ng	0.00
76) Chrysene-d12	14.027	240	162639	20.000	ng	0.00
86) Perylene-d12	15.498	264	128559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	539620	109.474	ng	0.01
7) Phenol-d6	6.504	99	699850	105.579	ng	0.00
23) Nitrobenzene-d5	7.428	82	451640	76.137	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	133021	97.090	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	753777	81.533	ng	0.00
79) Terphenyl-d14	12.968	244	630649	63.625	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	98407	46.177	ng	98
3) Pyridine	3.463	79	230082	44.392	ng	99
4) n-Nitrosodimethylamine	3.428	42	169700	50.021	ng	100
6) Aniline	6.534	93	205096	34.868	ng	97
8) 2-Chlorophenol	6.651	128	257137	48.690	ng	99
9) Benzaldehyde	6.416	77	90790	25.856	ng	99
10) Phenol	6.522	94	331462	47.555	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	262298	46.219	ng	100
12) 1,3-Dichlorobenzene	6.810	146	275291	46.338	ng	99
13) 1,4-Dichlorobenzene	6.886	146	278565	46.296	ng	99
14) 1,2-Dichlorobenzene	7.033	146	265648	47.107	ng	99
15) Benzyl Alcohol	7.010	79	230194	45.450	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	461436	46.967	ng	87
17) 2-Methylphenol	7.128	107	202042	45.827	ng	96
18) Hexachloroethane	7.375	117	96765	43.115	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	192109	45.078	ng	100
20) 3+4-Methylphenols	7.281	107	253236	45.730	ng	95
22) Acetophenone	7.275	105	354751	49.761	ng	96
24) Nitrobenzene	7.451	77	291133	47.396	ng	100
25) Isophorone	7.686	82	503344	47.774	ng	99
26) 2-Nitrophenol	7.763	139	130382	49.375	ng	97
27) 2,4-Dimethylphenol	7.804	122	185281	57.315	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	301558	47.932	ng	99
29) 2,4-Dichlorophenol	8.010	162	200244	47.490	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	214865	45.059	ng	98
31) Naphthalene	8.169	128	716693	46.672	ng	100
32) Benzoic acid	7.928	122	132736	41.294	ng	98
33) 4-Chloroaniline	8.233	127	47072	9.056	ng	98
34) Hexachlorobutadiene	8.286	225	143508	46.505	ng	99
35) Caprolactam	8.586	113	61615	44.552	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	205168	42.984	ng	98
37) 2-Methylnaphthalene	8.863	142	441604	44.155	ng	98
38) 1-Methylnaphthalene	8.963	142	410294	41.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	207695	52.699	ng	100
41) Hexachlorocyclopentadiene	9.010	237	83979	69.493	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	135418	50.970	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139667.D
 Acq On : 04 Oct 2024 19:48
 Operator : RC/JU
 Sample : P4242-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

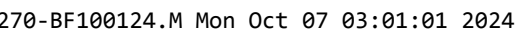
Instrument :
 BNA_F
 ClientSampleId :
 TP-QMSD

Quant Time: Oct 04 22:55:03 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)
44) 2,4,5-Trichlorophenol	9.186	196	136616	47.681	ng	98
46) 1,1'-Biphenyl	9.322	154	536746	50.847	ng	100
47) 2-Chloronaphthalene	9.351	162	389720	49.247	ng	99
48) 2-Nitroaniline	9.445	65	144360	50.817	ng	96
49) Acenaphthylene	9.763	152	613481	50.975	ng	100
50) Dimethylphthalate	9.622	163	475264	51.155	ng	100
51) 2,6-Dinitrotoluene	9.686	165	94495	45.025	ng	99
52) Acenaphthene	9.933	154	397119	48.066	ng	98
53) 3-Nitroaniline	9.857	138	68759	32.060	ng	99
54) 2,4-Dinitrophenol	9.969	184	49461	43.816	ng	97
55) Dibenzofuran	10.110	168	549359	47.490	ng	99
56) 4-Nitrophenol	10.027	139	139165	85.088	ng	96
57) 2,4-Dinitrotoluene	10.092	165	121342	44.232	ng	98
58) Fluorene	10.451	166	409042	44.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	105549	45.610	ng	97
60) Diethylphthalate	10.321	149	457308	47.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	206068	44.706	ng	97
62) 4-Nitroaniline	10.469	138	81265	37.043	ng	98
63) Azobenzene	10.604	77	478978	49.632	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	33833	25.803	ng	97
66) n-Nitrosodiphenylamine	10.563	169	357797	52.285	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	117163	49.222	ng	98
68) Hexachlorobenzene	10.998	284	124429	47.109	ng	99
69) Atrazine	11.086	200	104518	56.926	ng	98
70) Pentachlorophenol	11.192	266	135646	86.247	ng	98
71) Phenanthrene	11.416	178	539255	49.263	ng	100
72) Anthracene	11.463	178	547517	50.559	ng	100
73) Carbazole	11.621	167	509365	48.973	ng	99
74) Di-n-butylphthalate	11.945	149	635134	50.216	ng	100
75) Fluoranthene	12.604	202	584488	48.846	ng	99
77) Benzidine	12.727	184	254110	88.578	ng	100
78) Pyrene	12.833	202	605145	41.601	ng	99
80) Butylbenzylphthalate	13.445	149	257340	49.459	ng	99
81) Benzo(a)anthracene	14.021	228	529702	49.538	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	171272	52.337	ng	98
83) Chrysene	14.057	228	469338	48.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	363921	56.013	ng	100
85) Di-n-octyl phthalate	14.615	149	593205	62.149	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	349071	46.132	ng	98
88) Benzo(b)fluoranthene	15.068	252	381434	45.887	ng	99
89) Benzo(k)fluoranthene	15.098	252	386529	54.818	ng	99
90) Benzo(a)pyrene	15.433	252	344359	52.539	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	284961	45.406	ng	100
92) Benzo(g,h,i)perylene	17.415	276	257732	40.948	ng	98

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

Quant Time: Oct 04 22:55:03 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

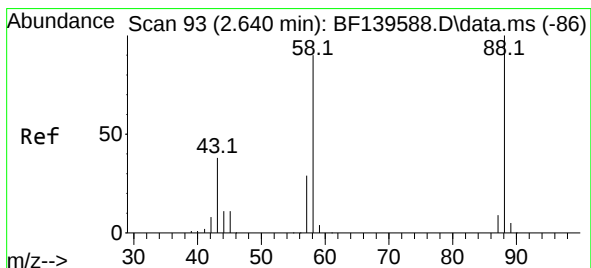
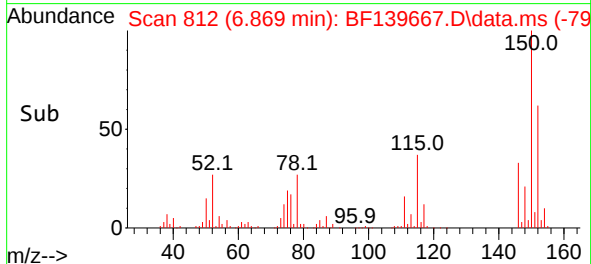
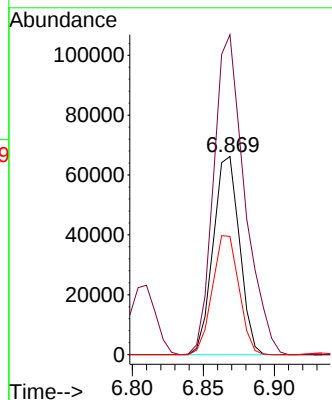
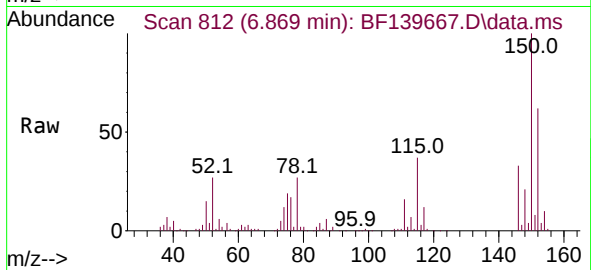




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139667.D
 Acq: 04 Oct 2024 19:48

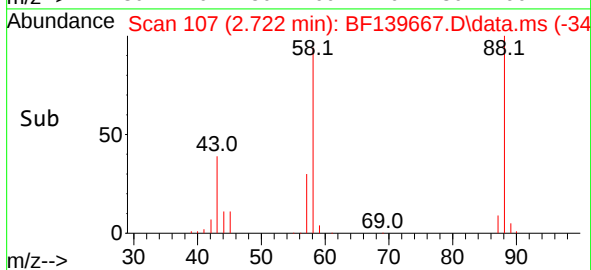
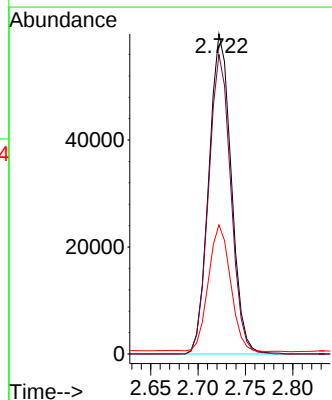
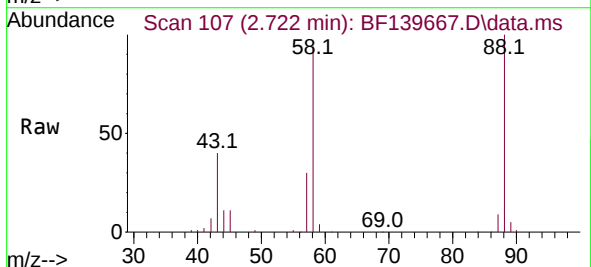
Instrument :
 BNA_F
 ClientSampleId :
 TP-QMSD

Tgt Ion:152 Resp: 85435
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.2 190.8
 115 59.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 46.177 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.082 min
 Lab File: BF139667.D
 Acq: 04 Oct 2024 19:48

Tgt Ion: 88 Resp: 98407
 Ion Ratio Lower Upper
 88 100
 58 92.7 72.0 108.0
 43 39.0 30.8 46.2

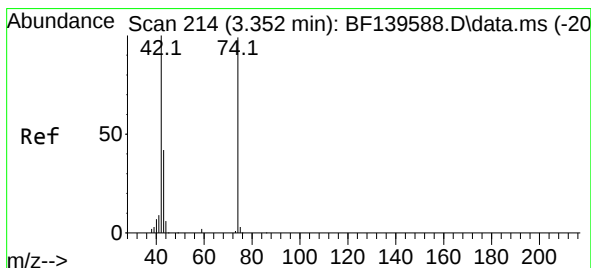
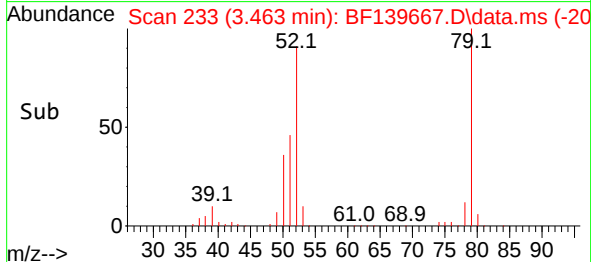
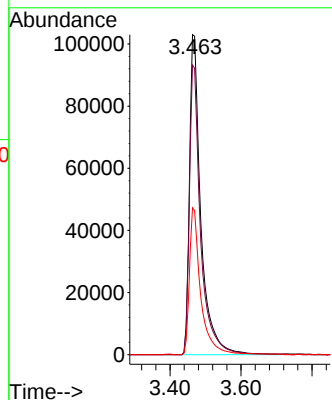
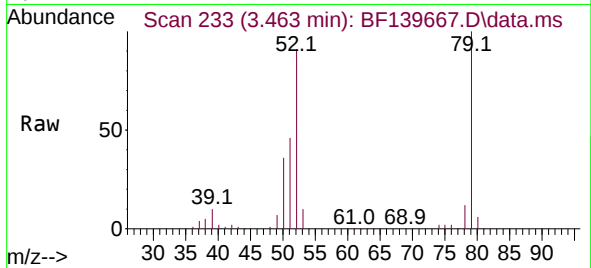




#3
Pyridine
Concen: 44.392 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

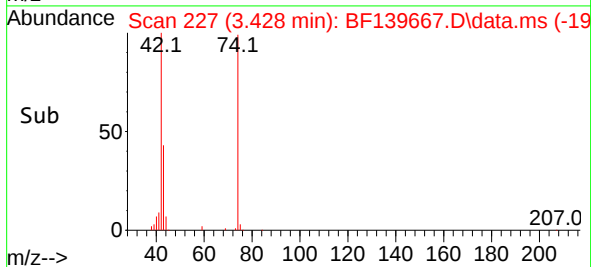
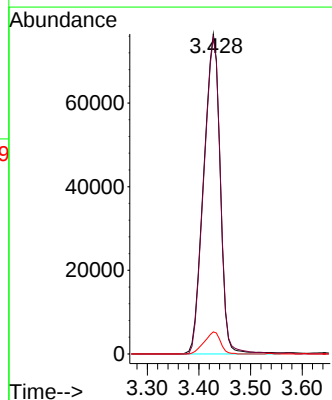
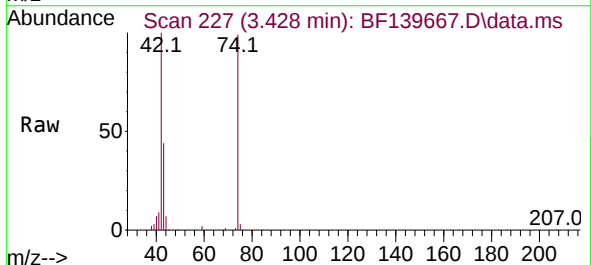
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

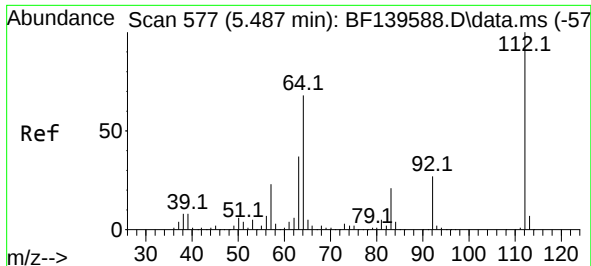
Tgt Ion: 79 Resp: 230082
Ion Ratio Lower Upper
79 100
52 90.5 72.6 109.0
51 45.9 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 50.021 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.076 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 42 Resp: 169700
Ion Ratio Lower Upper
42 100
74 98.9 79.0 118.6
44 6.9 5.2 7.8

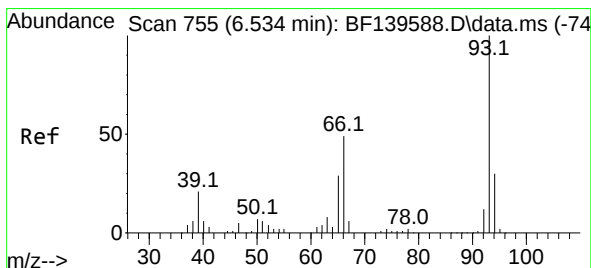
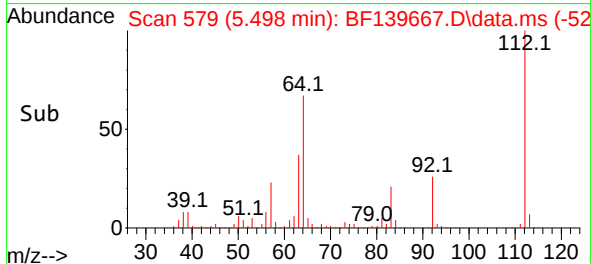
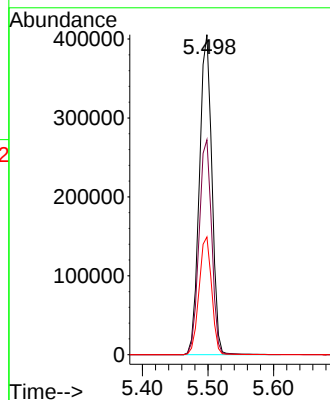
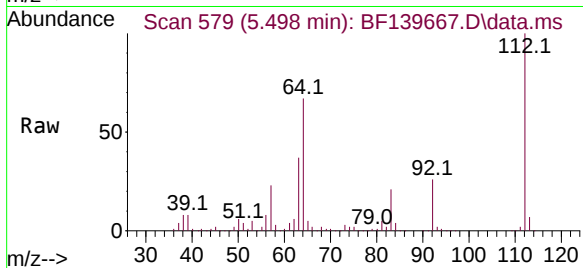




#5
2-Fluorophenol
Concen: 109.474 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

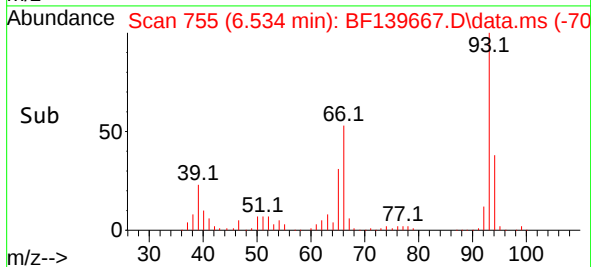
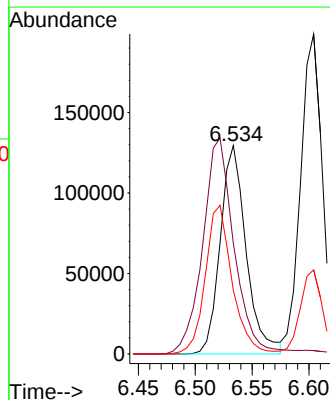
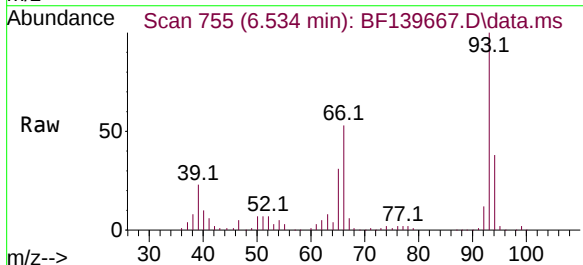
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

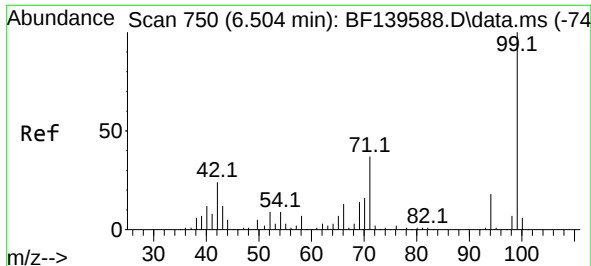
Tgt Ion:112 Resp: 539620
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.8 29.4 44.2



#6
Aniline
Concen: 34.868 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 93 Resp: 205096
Ion Ratio Lower Upper
93 100
66 53.0 40.9 61.3
65 30.6 23.3 34.9

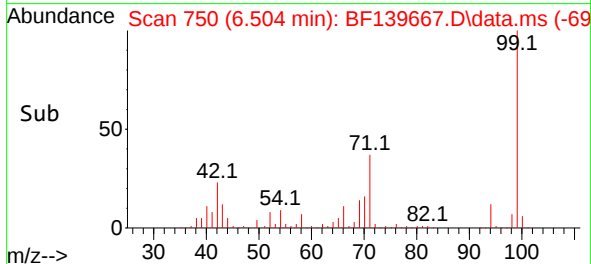
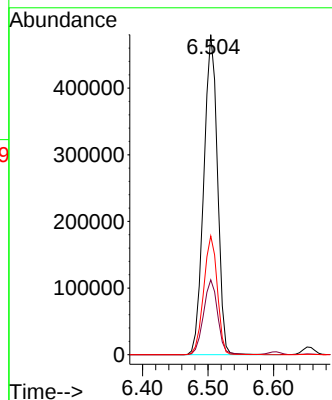
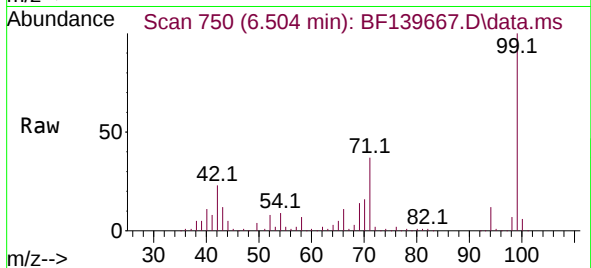




#7
Phenol-d6
Concen: 105.579 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

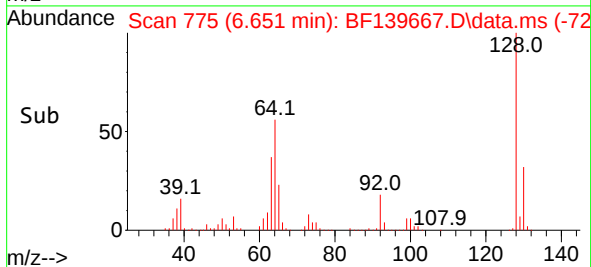
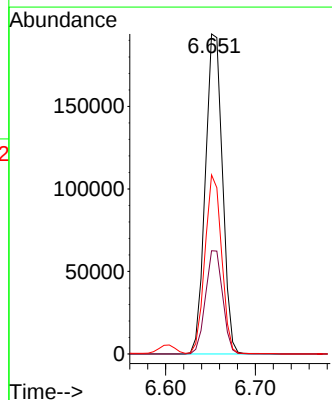
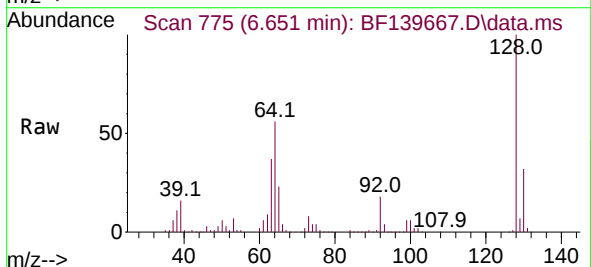
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

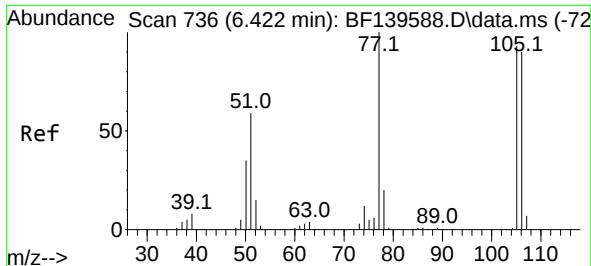
Tgt Ion: 99 Resp: 699850
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.1 29.7 44.5



#8
2-Chlorophenol
Concen: 48.690 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:128 Resp: 257137
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 55.9 35.1 75.1





#9

Benzaldehyde

Concen: 25.856 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

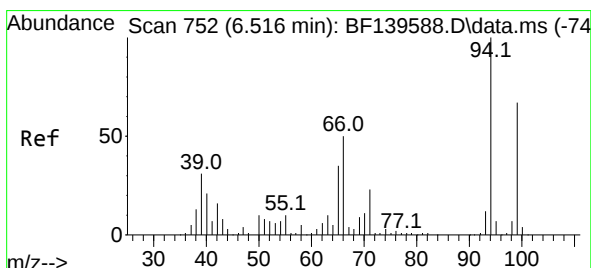
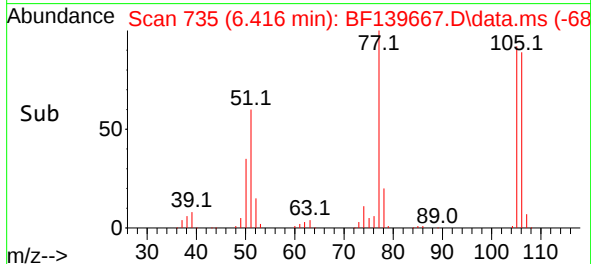
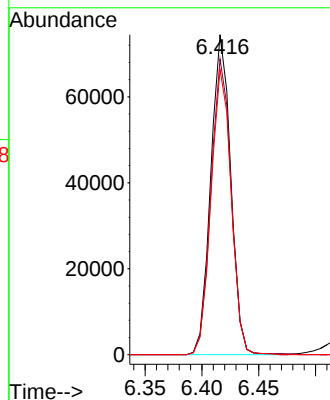
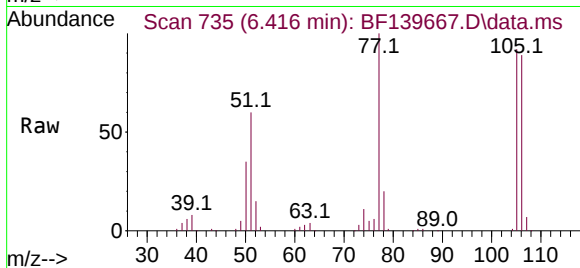
Tgt Ion: 77 Resp: 90790

Ion Ratio Lower Upper

77 100

105 92.4 72.7 112.7

106 89.1 70.1 110.1



#10

Phenol

Concen: 47.555 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

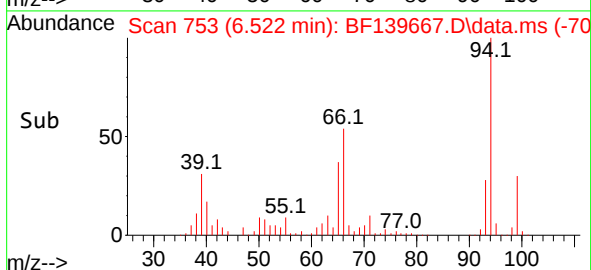
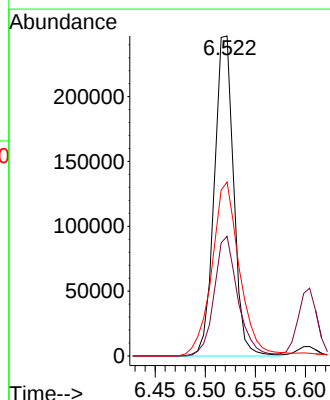
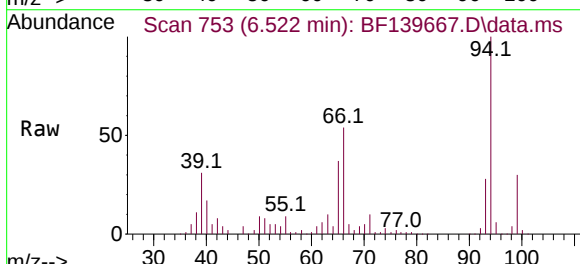
Tgt Ion: 94 Resp: 331462

Ion Ratio Lower Upper

94 100

65 37.4 15.3 55.3

66 54.3 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.219 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

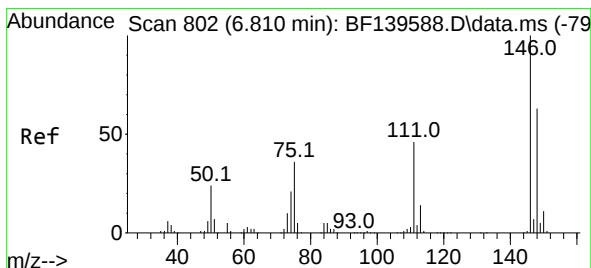
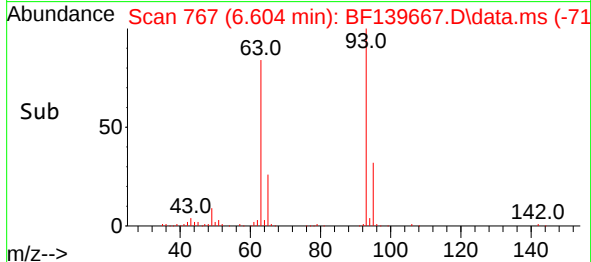
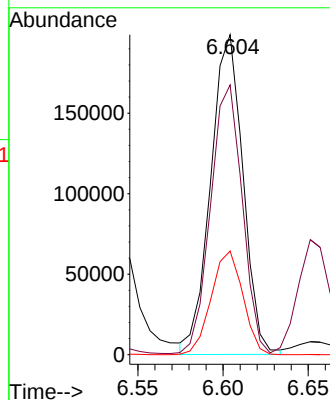
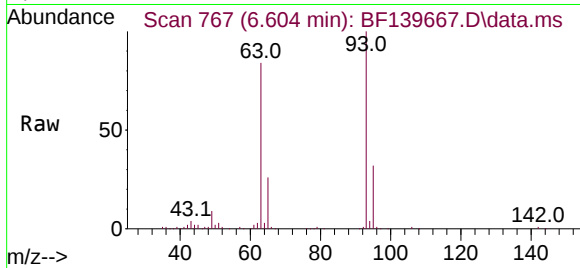
Tgt Ion: 93 Resp: 262298

Ion Ratio Lower Upper

93 100

63 84.3 64.1 104.1

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 46.338 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

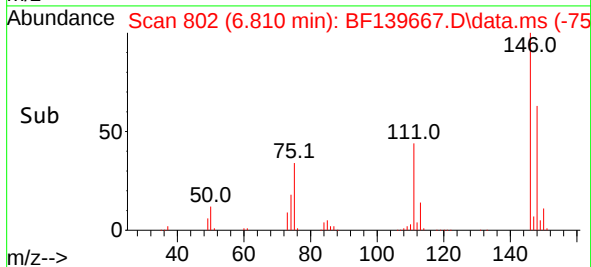
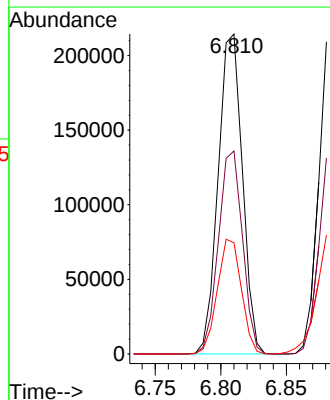
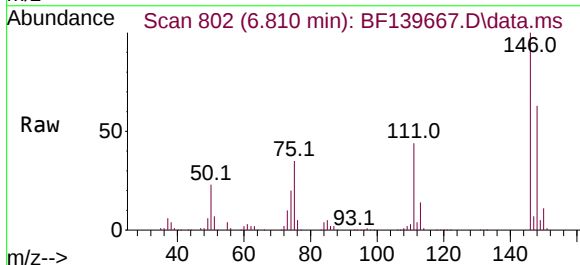
Tgt Ion: 146 Resp: 275291

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

75 34.7 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 46.296 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

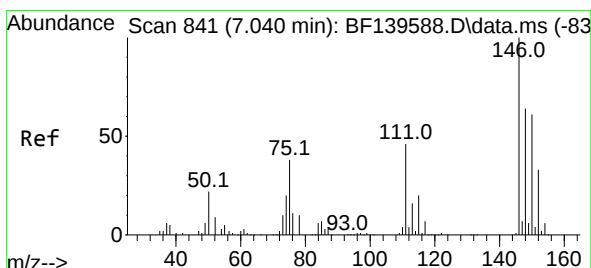
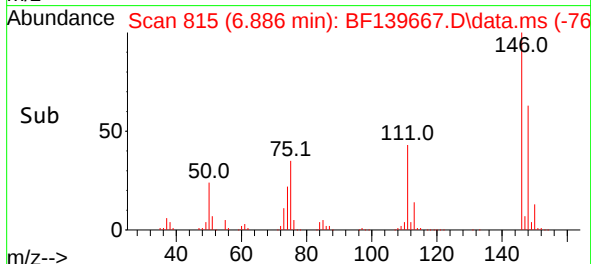
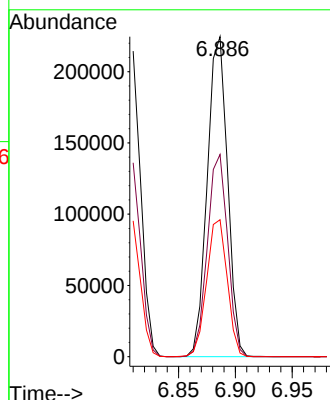
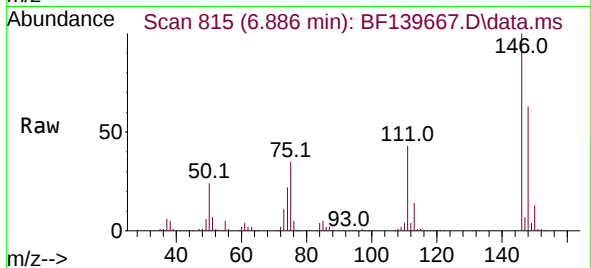
Tgt Ion:146 Resp: 278565

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

111 42.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 47.107 ng

RT: 7.033 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

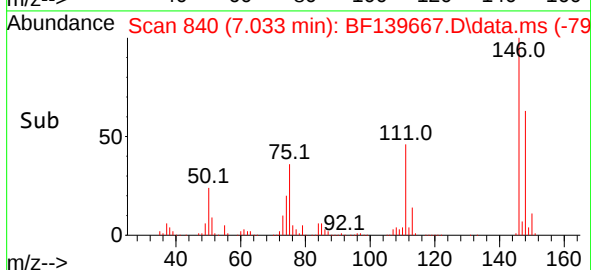
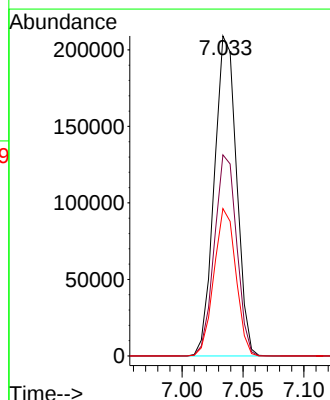
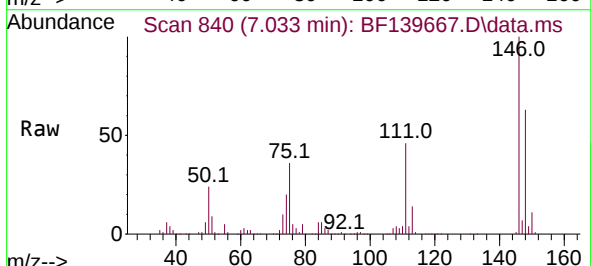
Tgt Ion:146 Resp: 265648

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

111 46.0 37.0 55.6

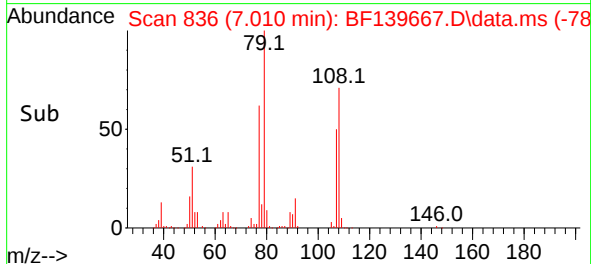
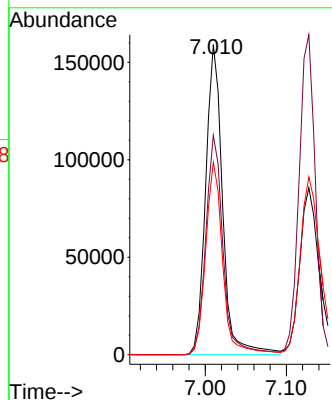
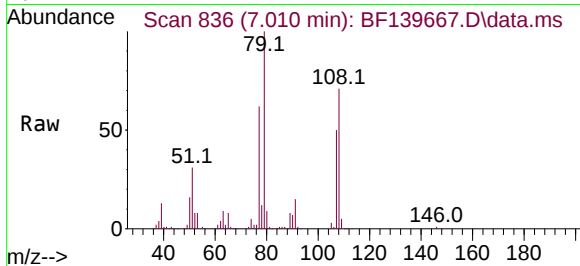




#15
Benzyl Alcohol
Concen: 45.450 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

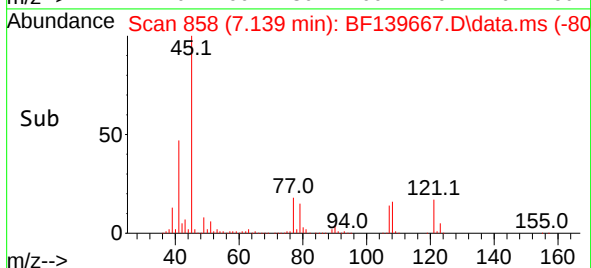
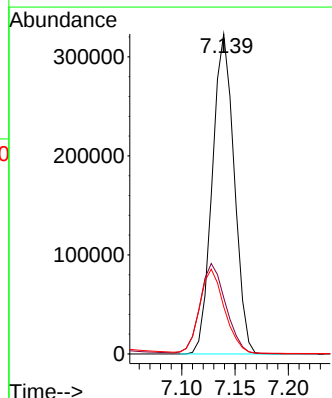
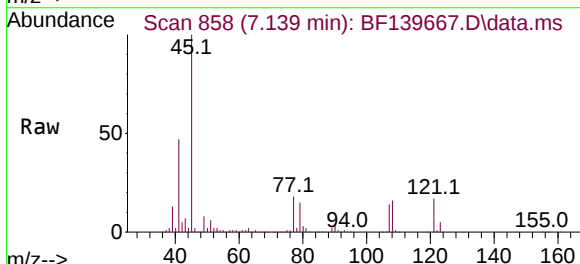
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

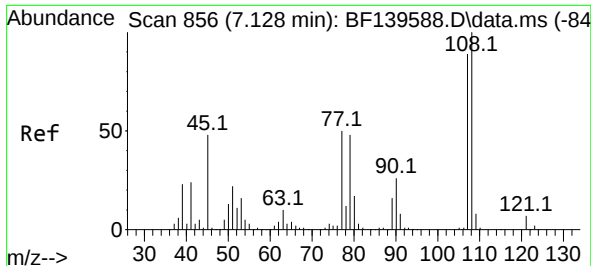
Tgt Ion: 79 Resp: 230194
Ion Ratio Lower Upper
79 100
108 70.8 55.1 82.7
77 62.1 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.967 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 45 Resp: 461436
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.5
79 14.8 0.0 29.7

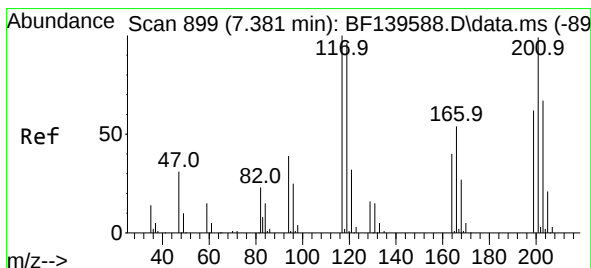
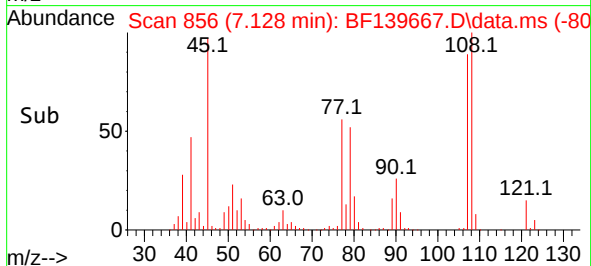
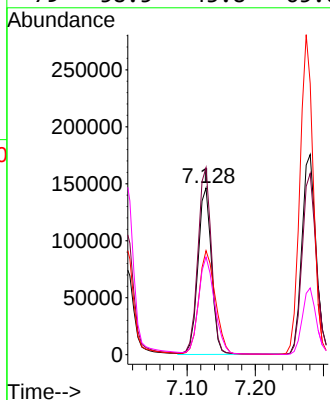
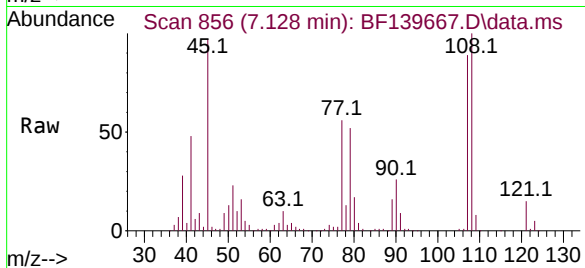




#17
2-Methylphenol
Concen: 45.827 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

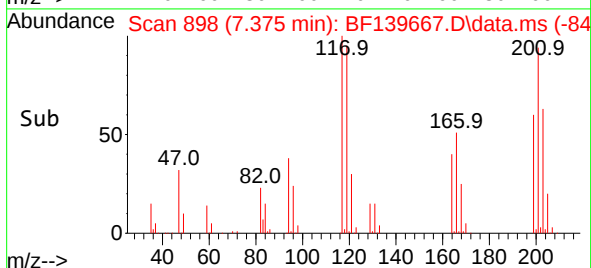
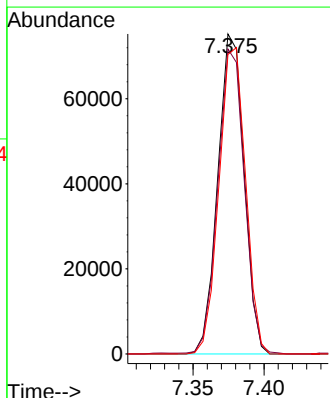
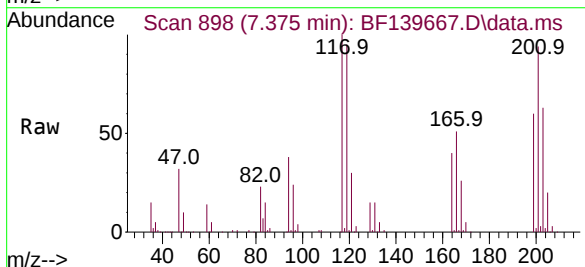
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:	107	Resp:	202042
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	62.3	44.6	67.0
79	58.5	43.8	65.6



#18
Hexachloroethane
Concen: 43.115 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:	117	Resp:	96765
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.6
201	93.6	79.2	118.8



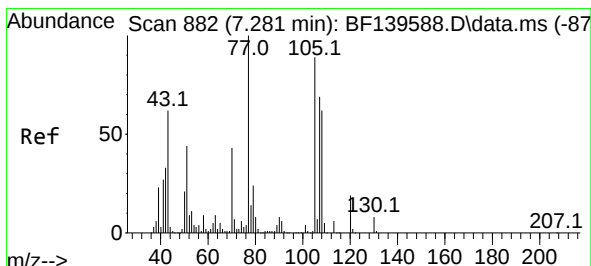
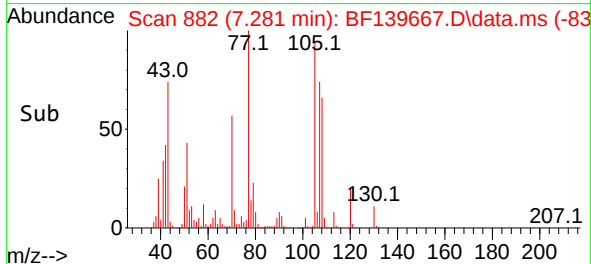
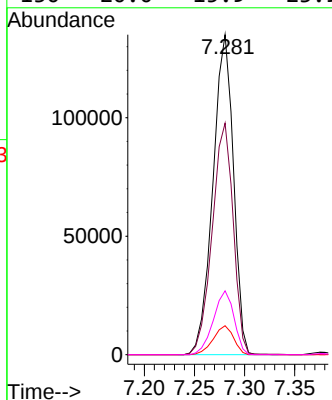
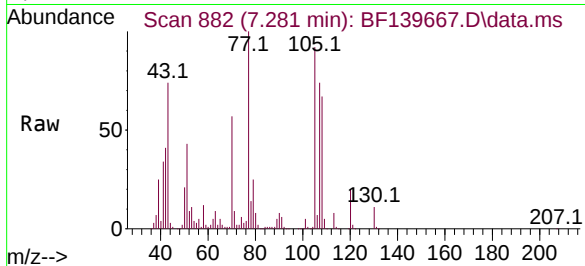


#19
n-Nitroso-di-n-propylamine
Concen: 45.078 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion: 70 Resp: 192109

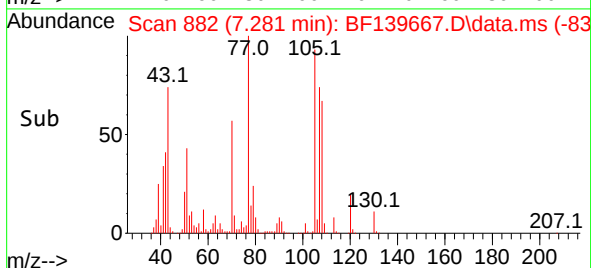
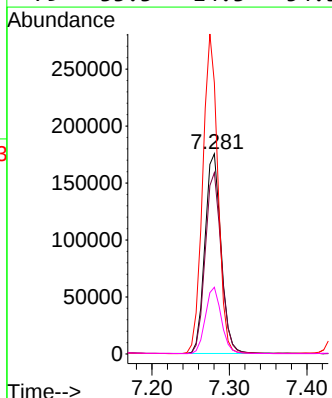
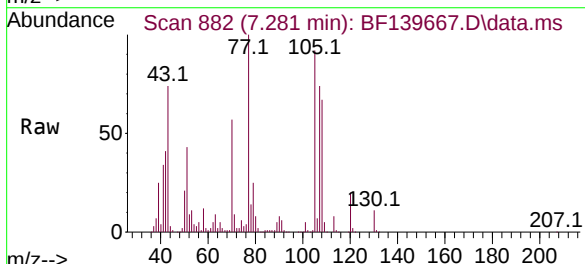
Ion	Ratio	Lower	Upper
70	100		
42	72.4	58.0	87.0
101	9.1	7.8	11.8
130	20.0	15.9	23.9

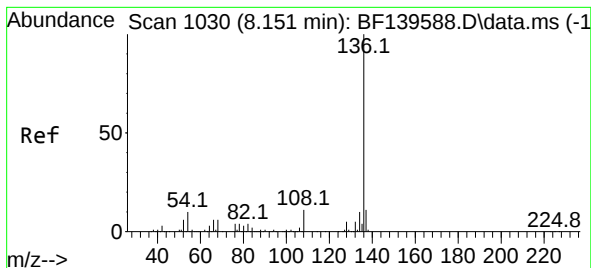


#20
3+4-Methylphenols
Concen: 45.730 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 107 Resp: 253236

Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	135.5	125.3	165.3
79	33.3	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: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:136 Resp: 300337

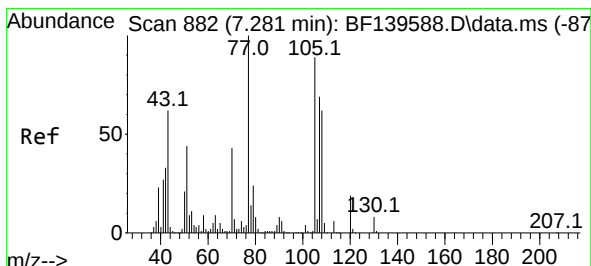
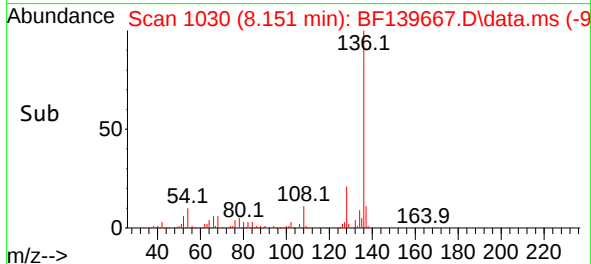
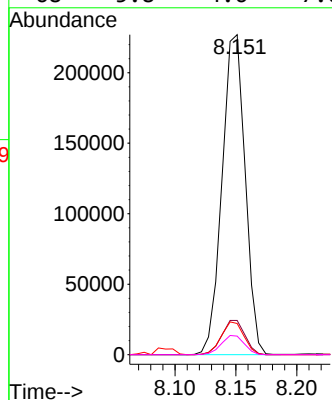
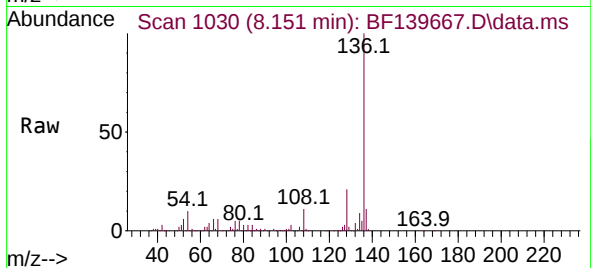
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.8 8.3 12.5

68 5.8 4.6 7.0



#22

Acetophenone

Concen: 49.761 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Tgt Ion:105 Resp: 354751

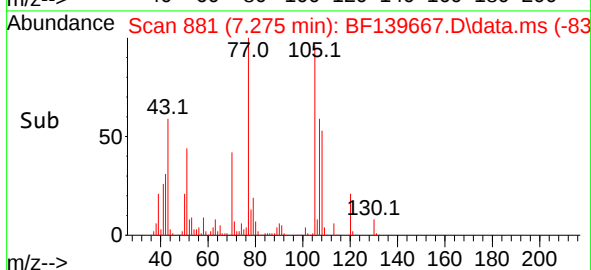
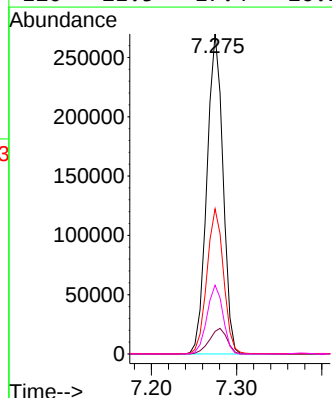
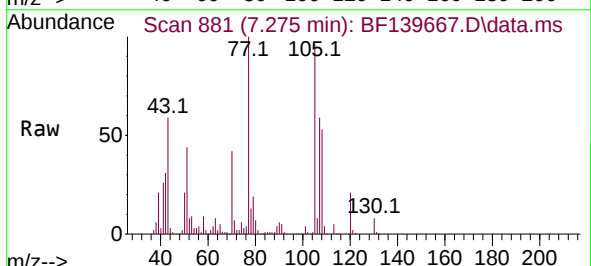
Ion Ratio Lower Upper

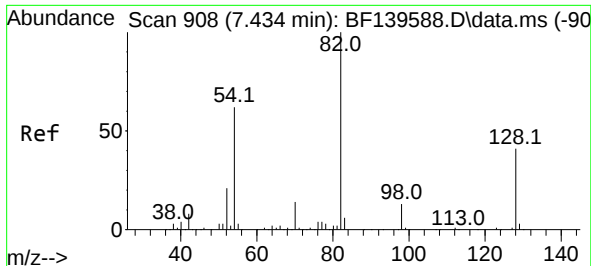
105 100

71 7.0 6.6 10.0

51 45.4 39.4 59.0

120 21.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 76.137 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

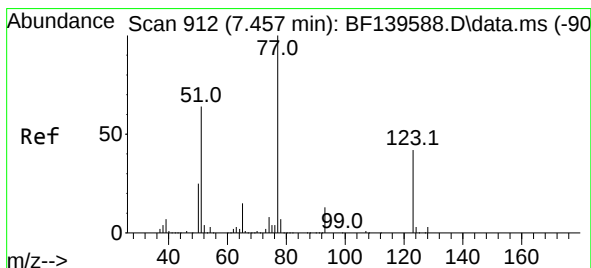
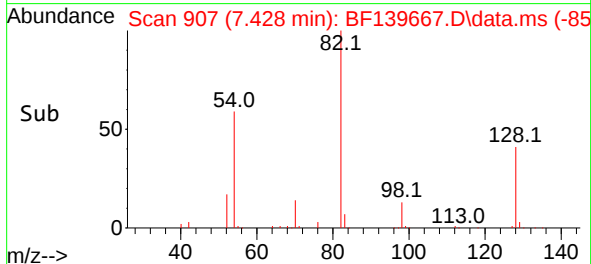
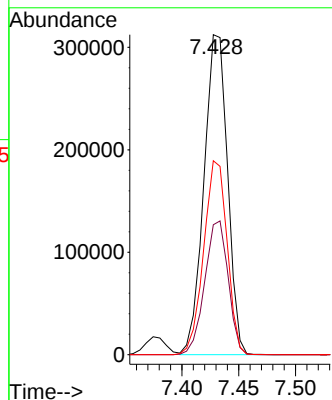
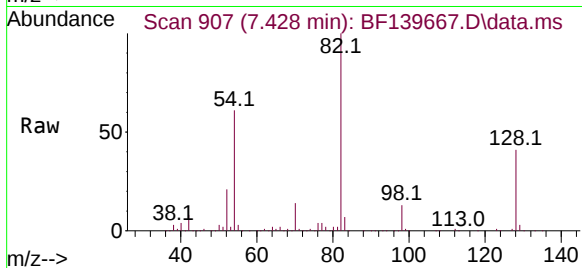
Tgt Ion: 82 Resp: 451640

Ion Ratio Lower Upper

82 100

128 40.6 32.4 48.6

54 60.6 49.1 73.7



#24

Nitrobenzene

Concen: 47.396 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

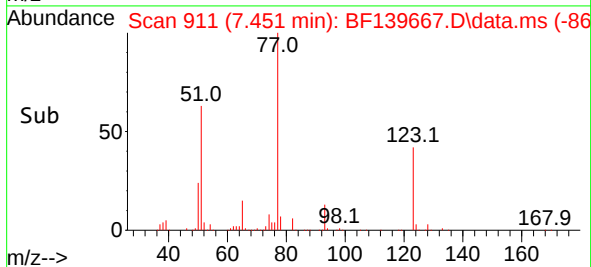
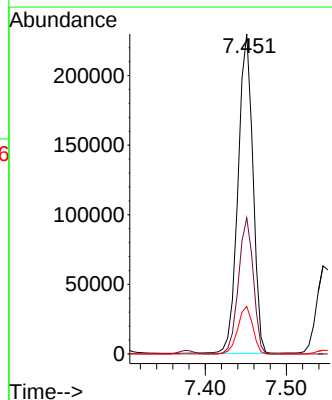
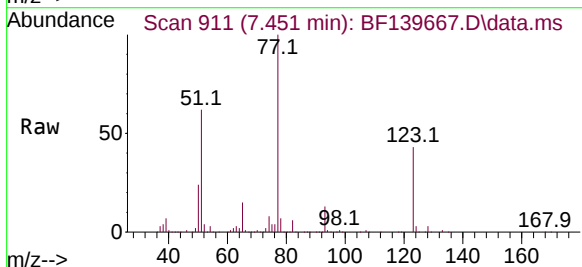
Tgt Ion: 77 Resp: 291133

Ion Ratio Lower Upper

77 100

123 42.6 34.2 51.4

65 14.9 12.1 18.1

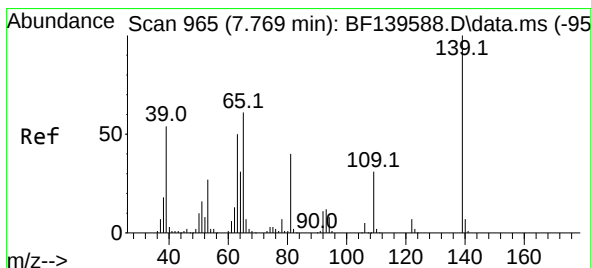
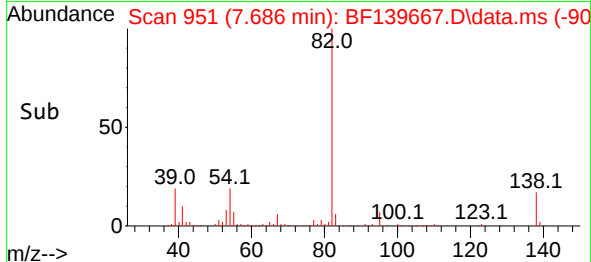
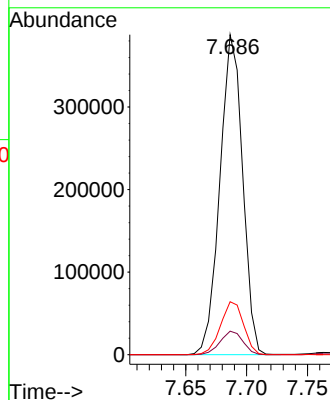
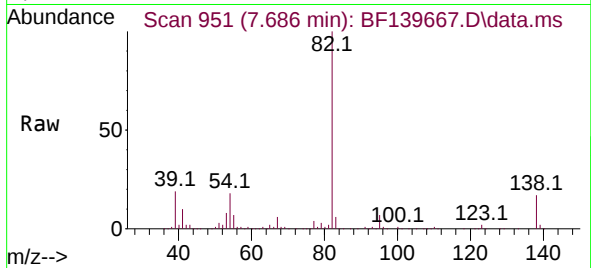




#25
Isophorone
Concen: 47.774 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

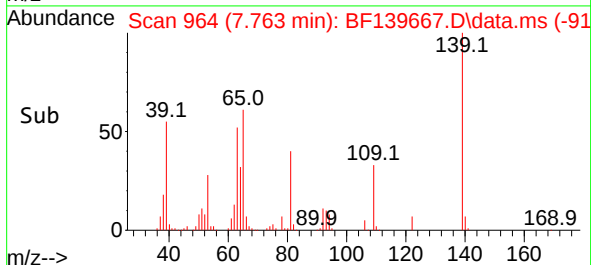
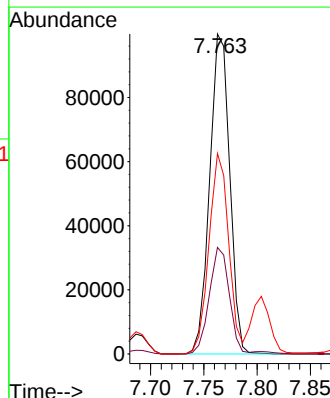
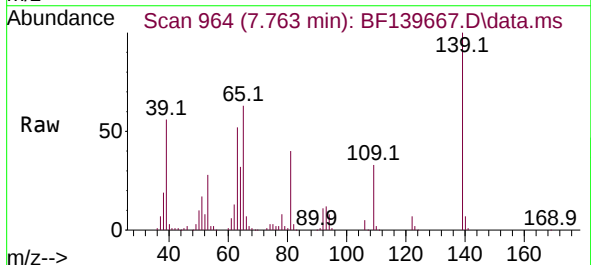
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

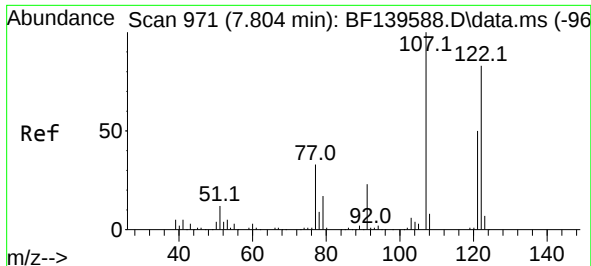
Tgt Ion: 82 Resp: 503344
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 49.375 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:139 Resp: 130382
Ion Ratio Lower Upper
139 100
109 33.3 24.9 37.3
65 62.7 48.6 72.8

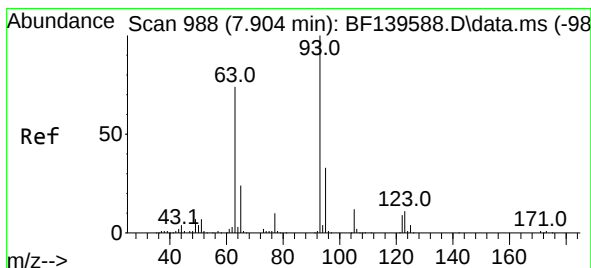
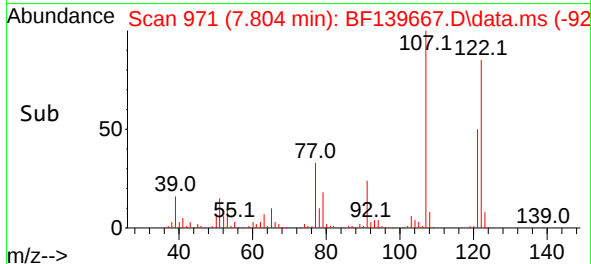
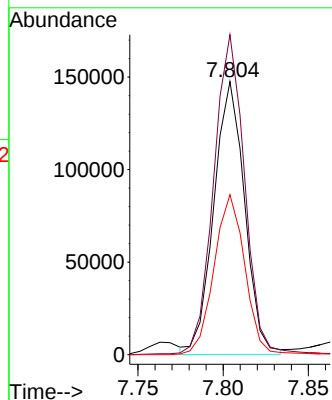
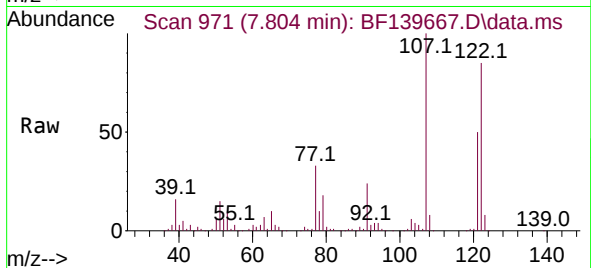




#27
2,4-Dimethylphenol
Concen: 57.315 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

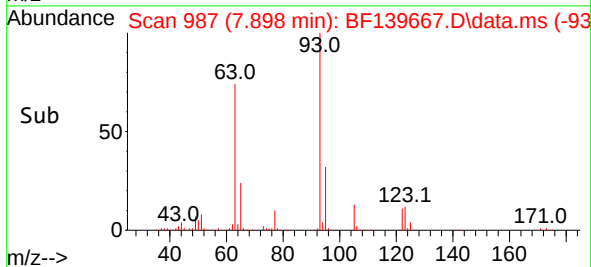
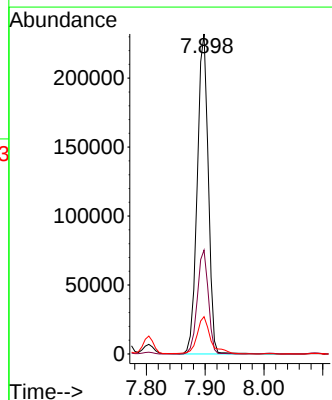
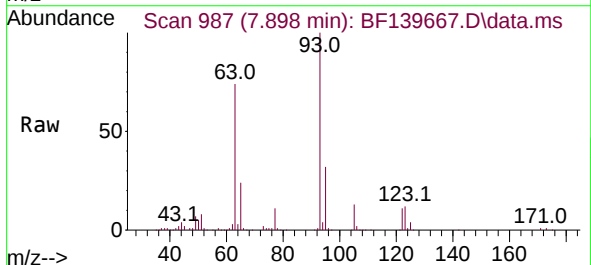
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

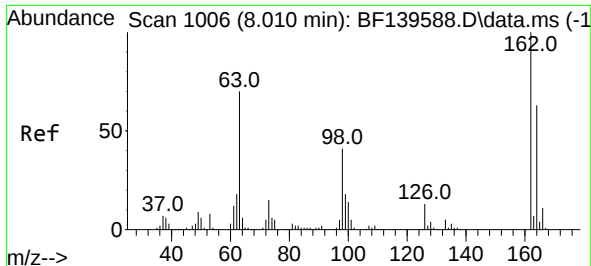
Tgt Ion:122 Resp: 185281
Ion Ratio Lower Upper
122 100
107 117.2 95.4 143.0
121 58.6 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 47.932 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 93 Resp: 301558
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.490 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

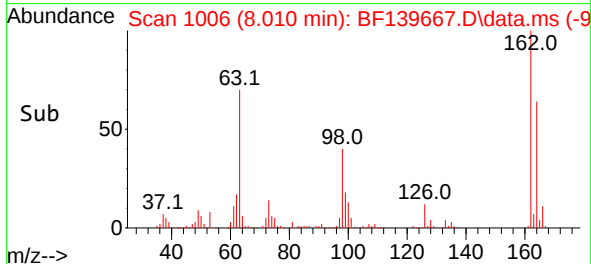
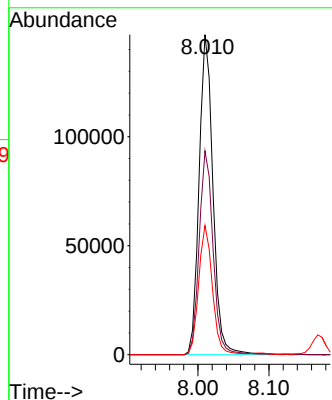
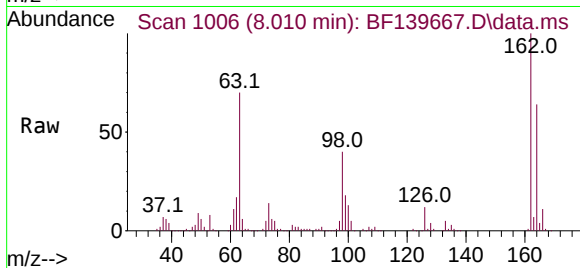
Tgt Ion:162 Resp: 200244

Ion Ratio Lower Upper

162 100

164 63.6 43.1 83.1

98 40.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.059 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

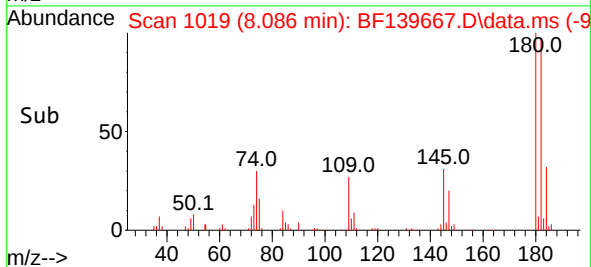
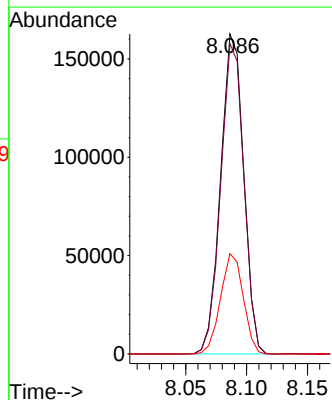
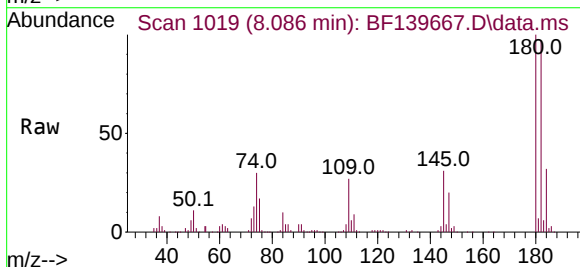
Tgt Ion:180 Resp: 214865

Ion Ratio Lower Upper

180 100

182 97.0 76.0 114.0

145 31.4 25.0 37.6

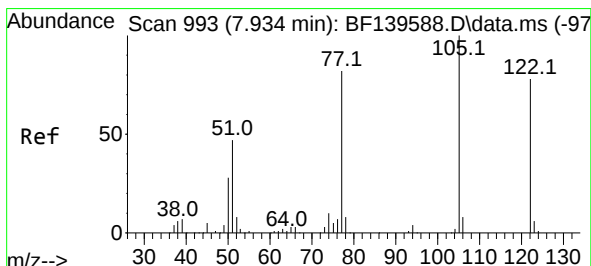
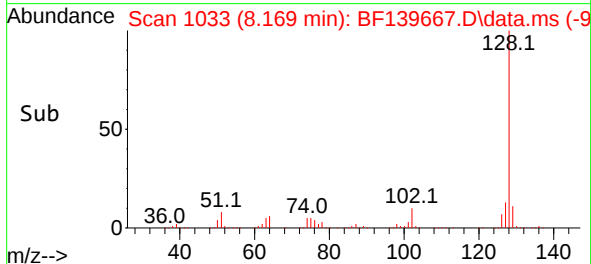
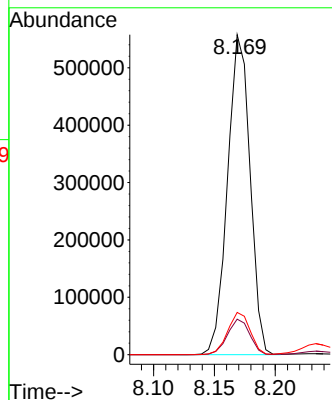
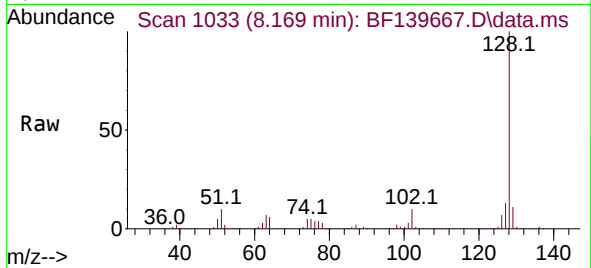




#31
Naphthalene
Concen: 46.672 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

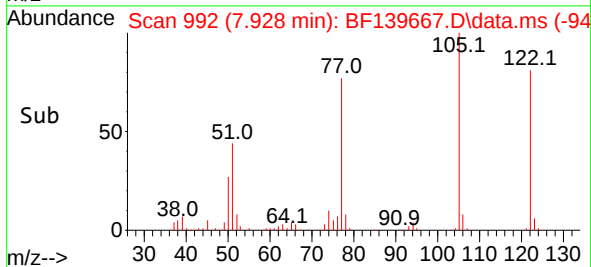
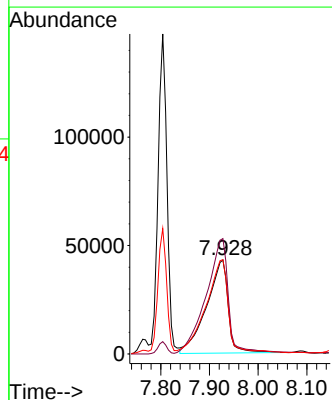
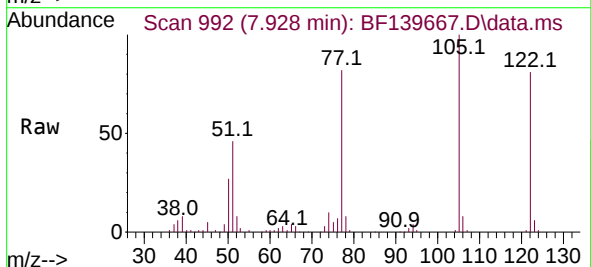
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

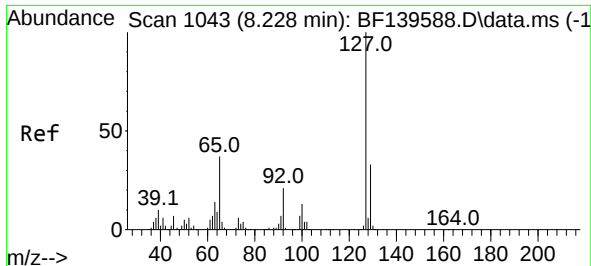
Tgt Ion:128 Resp: 716693
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 41.294 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:122 Resp: 132736
Ion Ratio Lower Upper
122 100
105 122.9 104.9 144.9
77 100.4 82.7 122.7

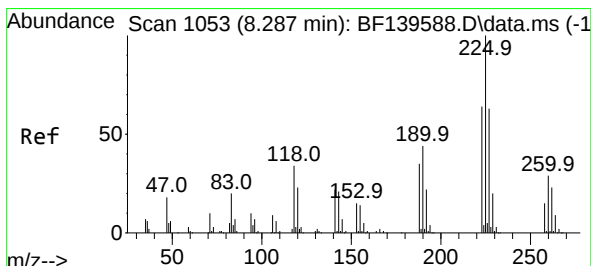
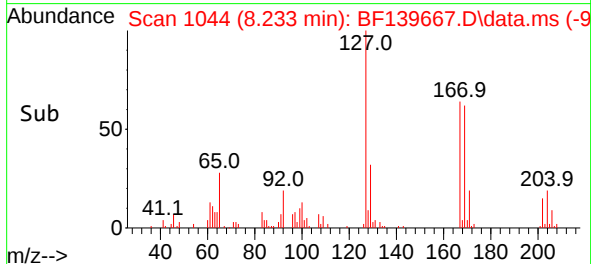
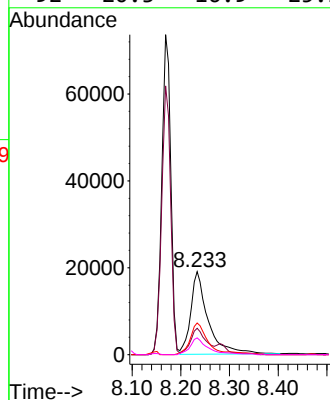
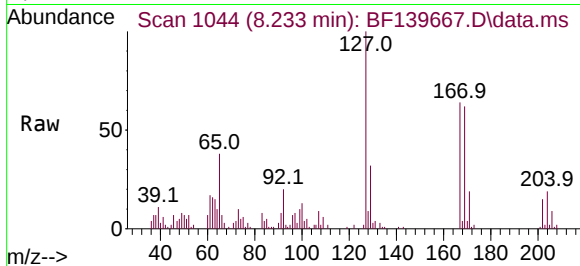




#33
4-Chloroaniline
Concen: 9.056 ng
RT: 8.233 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

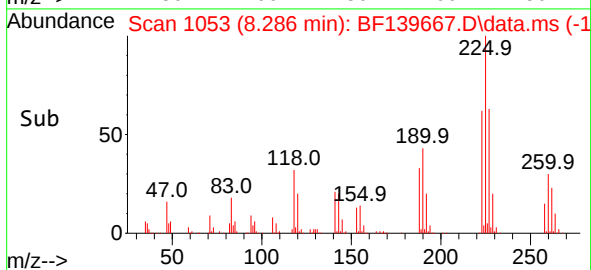
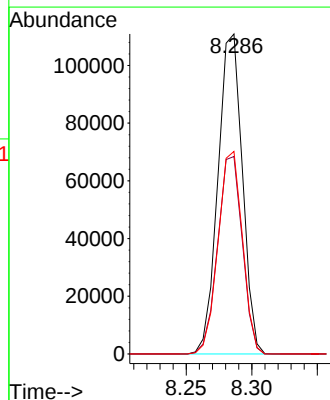
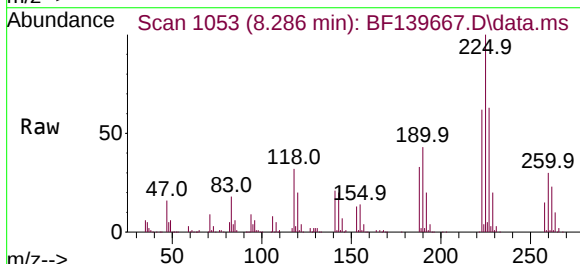
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

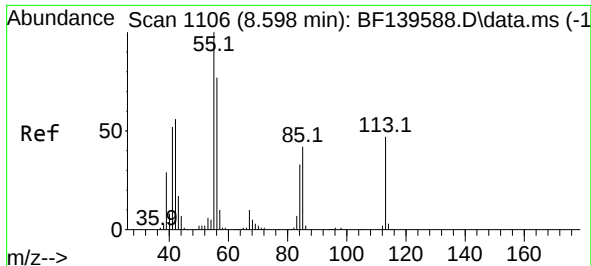
Tgt Ion:	127	Resp:	47072
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.2	39.4
65	38.2	29.3	43.9
92	20.3	16.9	25.3



#34
Hexachlorobutadiene
Concen: 46.505 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:	225	Resp:	143508
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.9	76.3
227	63.3	50.7	76.1

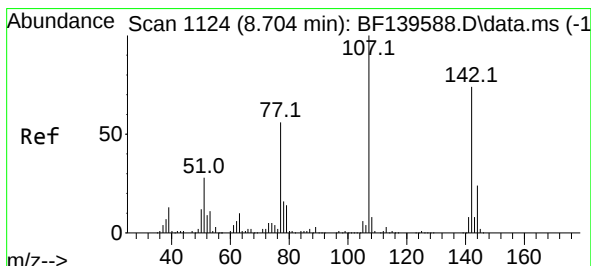
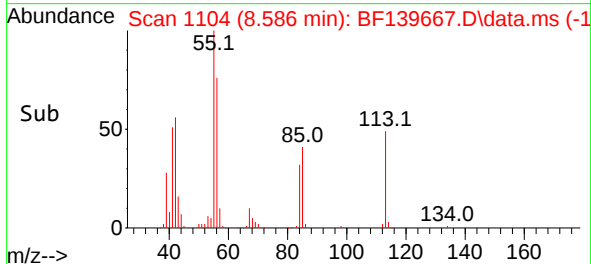
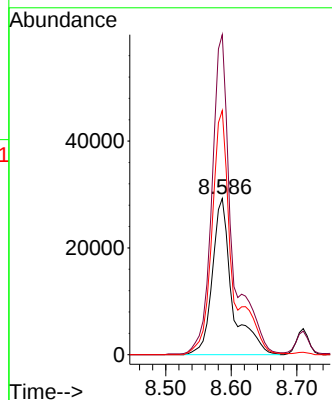
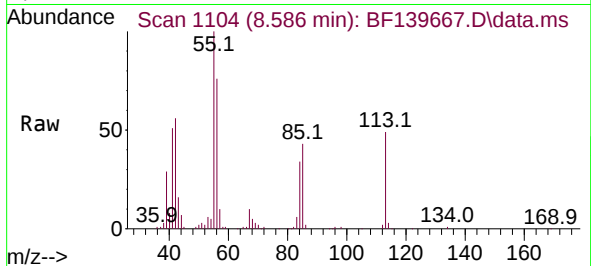




#35
 Caprolactam
 Concen: 44.552 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF139667.D
 Acq: 04 Oct 2024 19:48

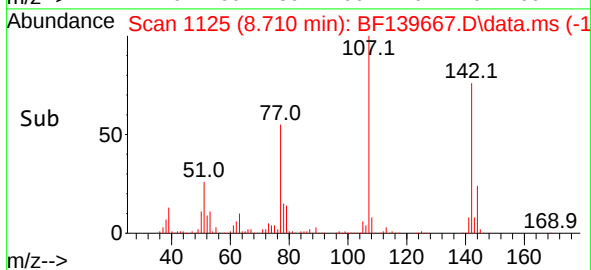
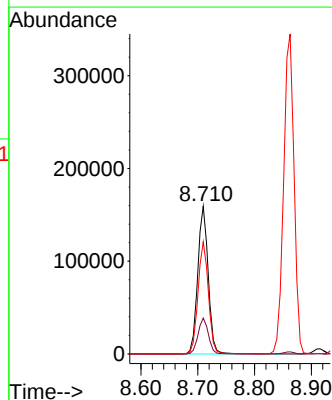
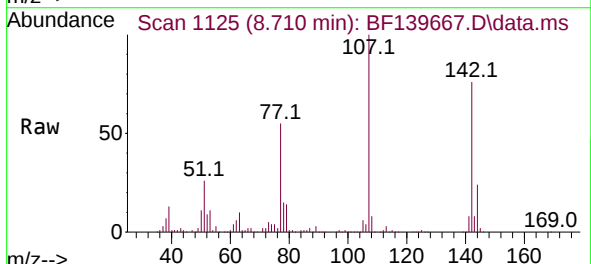
Instrument :
 BNA_F
 ClientSampleId :
 TP-QMSD

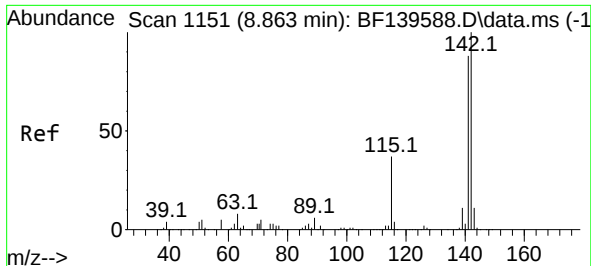
Tgt Ion:113 Resp: 61615
 Ion Ratio Lower Upper
 113 100
 55 204.9 193.4 233.4
 56 156.3 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.984 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139667.D
 Acq: 04 Oct 2024 19:48

Tgt Ion:107 Resp: 205168
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 44.155 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

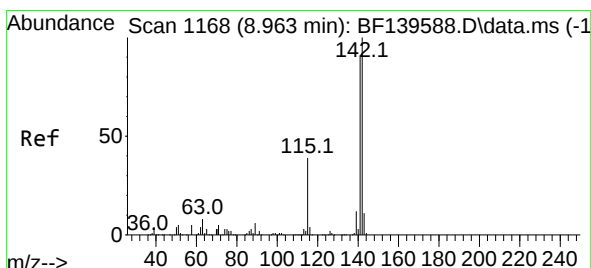
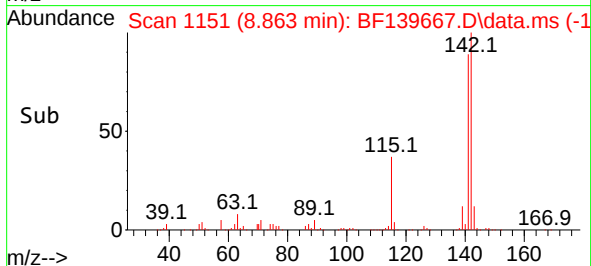
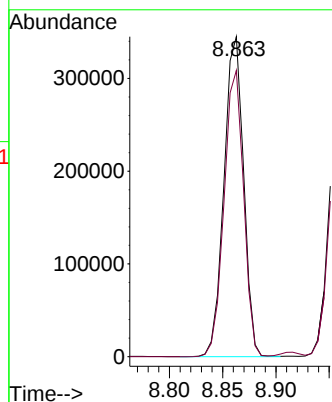
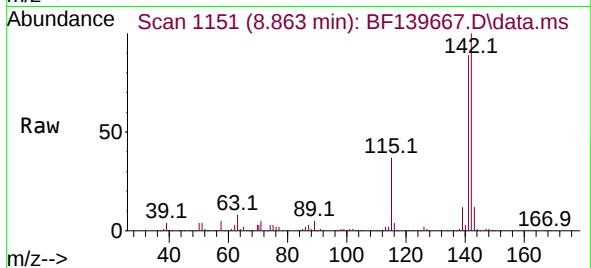
TP-QMSD

Tgt Ion:142 Resp: 441604

Ion Ratio Lower Upper

142 100

141 89.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.970 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139667.D

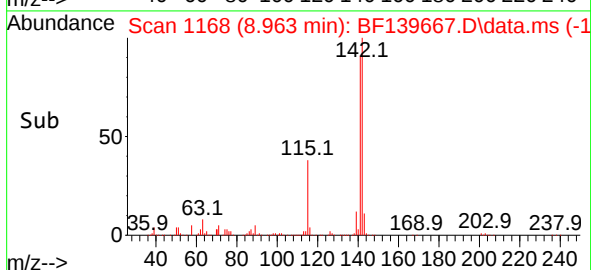
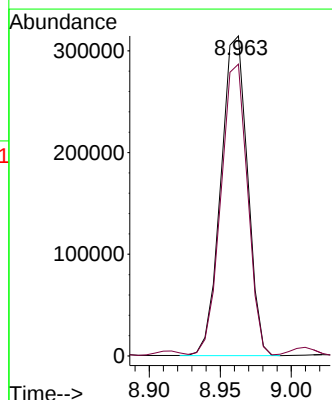
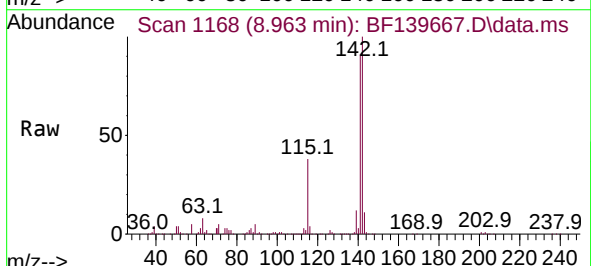
Acq: 04 Oct 2024 19:48

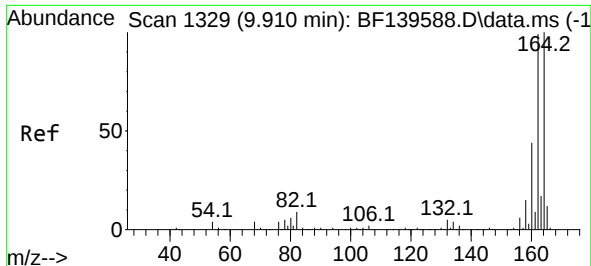
Tgt Ion:142 Resp: 410294

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

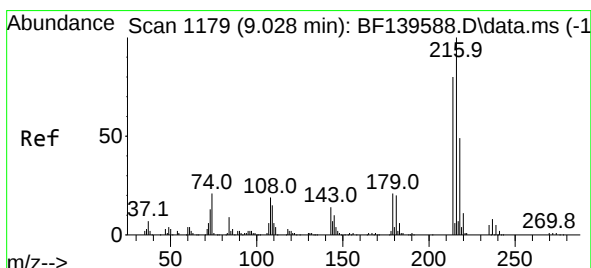
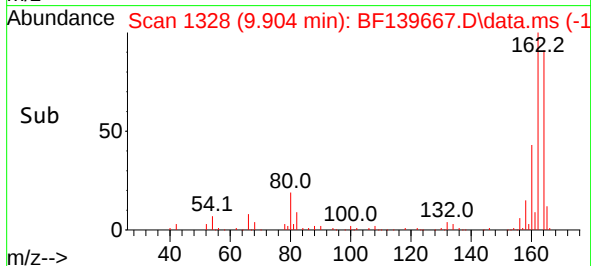
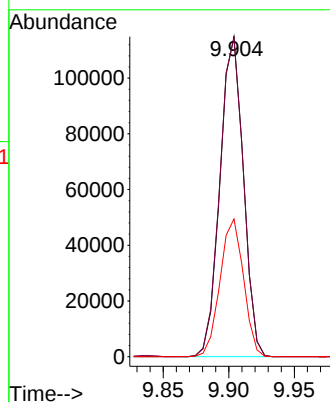
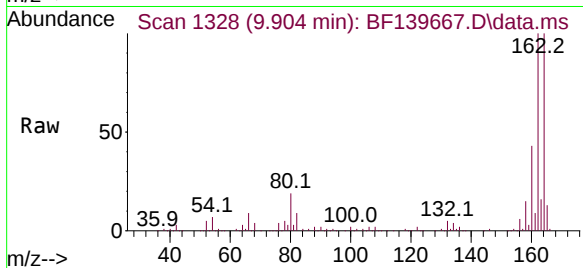
Tgt Ion:164 Resp: 141928

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 43.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.699 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Tgt Ion:216 Resp: 207695

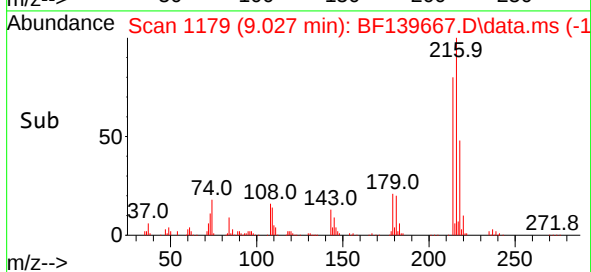
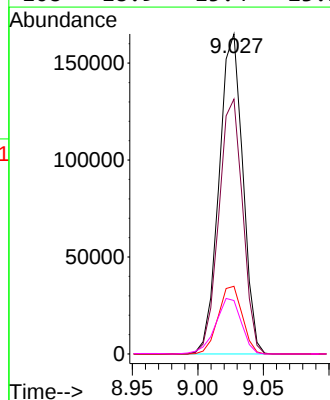
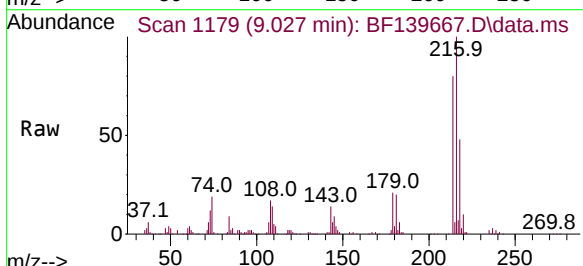
Ion Ratio Lower Upper

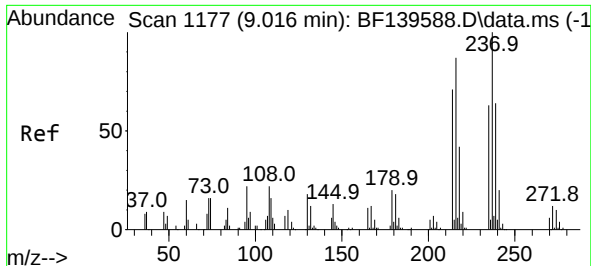
216 100

214 79.8 63.7 95.5

179 21.5 16.9 25.3

108 18.9 15.4 23.2

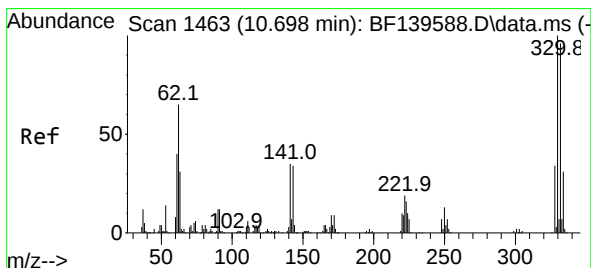
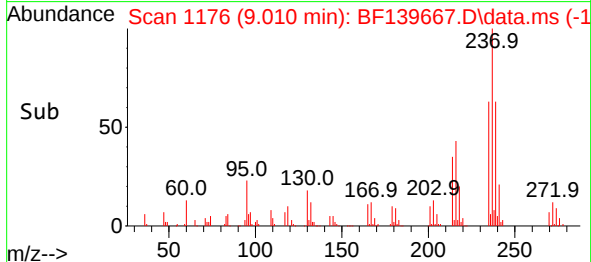
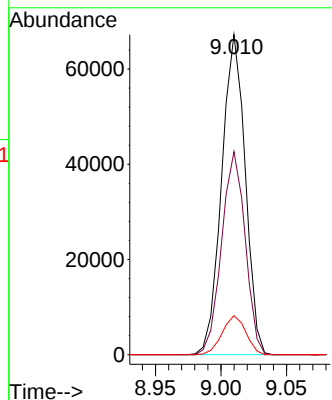
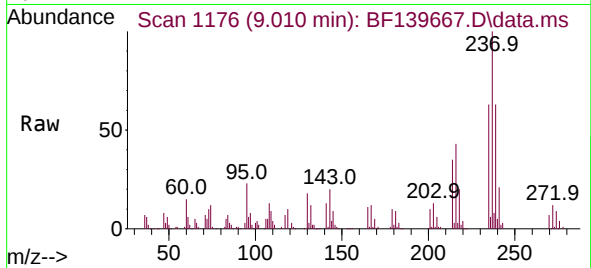




#41
Hexachlorocyclopentadiene
Concen: 69.493 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

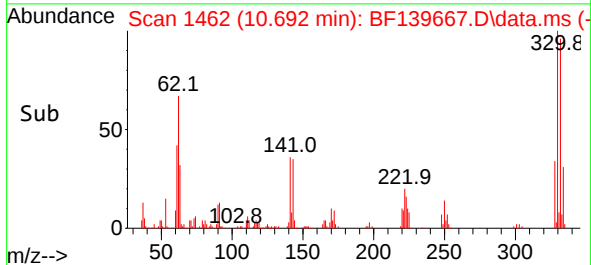
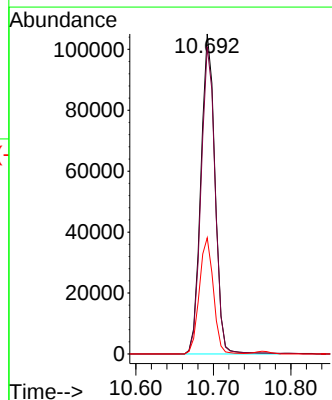
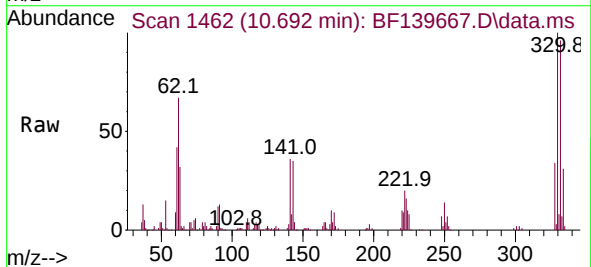
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:237 Resp: 83979
Ion Ratio Lower Upper
237 100
235 63.4 42.5 82.5
272 12.2 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 97.090 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:330 Resp: 133021
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.0 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 50.970 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

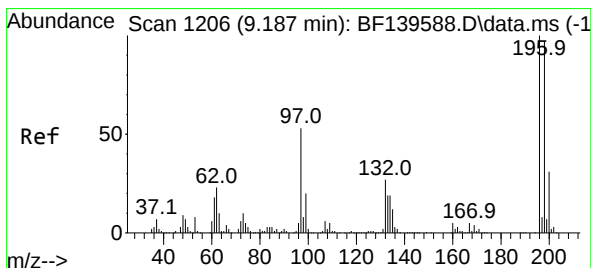
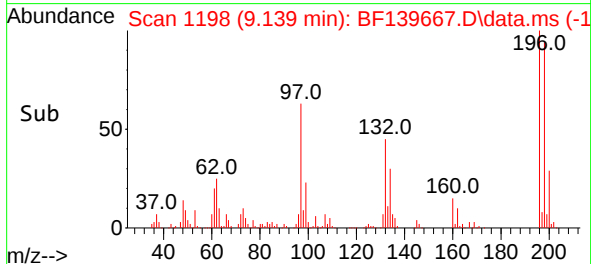
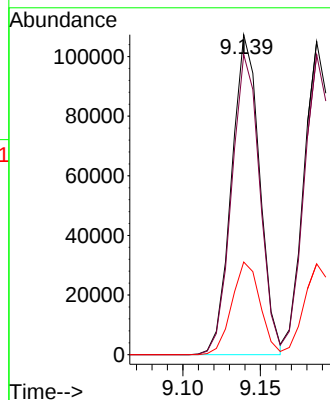
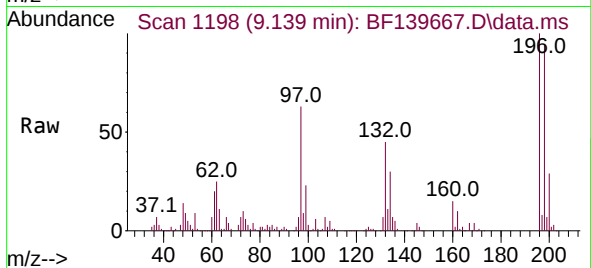
Tgt Ion:196 Resp: 135418

Ion Ratio Lower Upper

196 100

198 93.8 75.2 112.8

200 29.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.681 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Tgt Ion:196 Resp: 136616

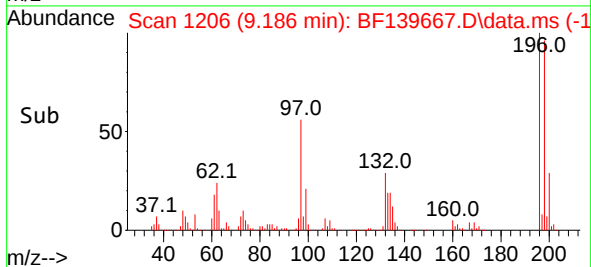
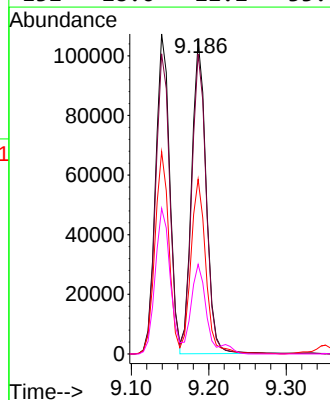
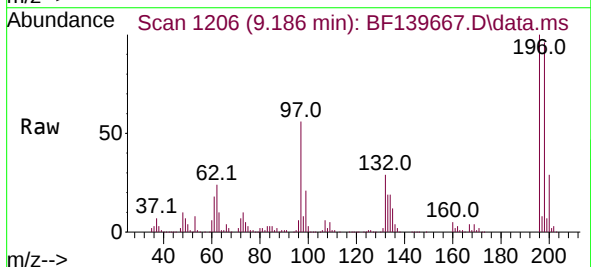
Ion Ratio Lower Upper

196 100

198 95.8 77.5 116.3

97 55.8 43.1 64.7

132 28.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.533 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

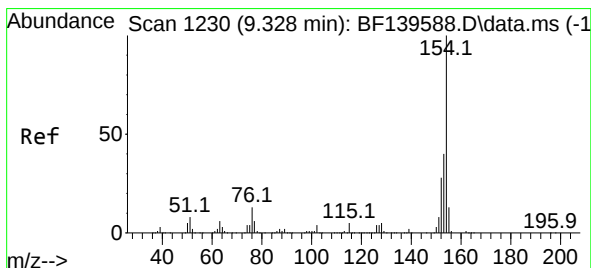
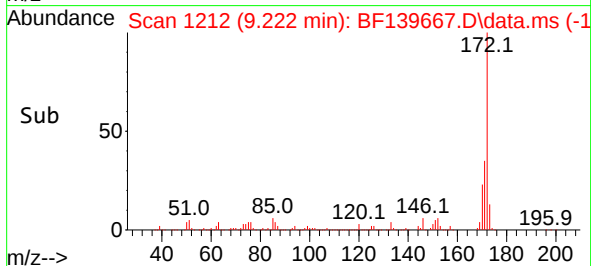
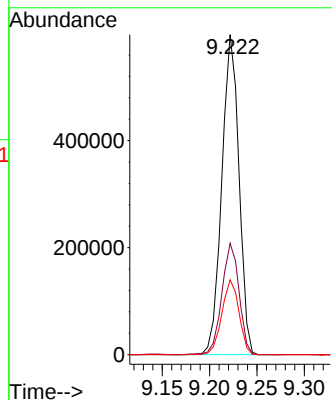
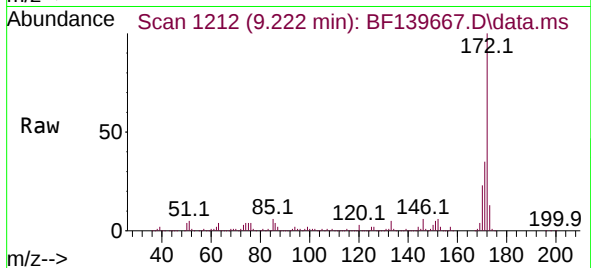
Tgt Ion:172 Resp: 753777

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 50.847 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

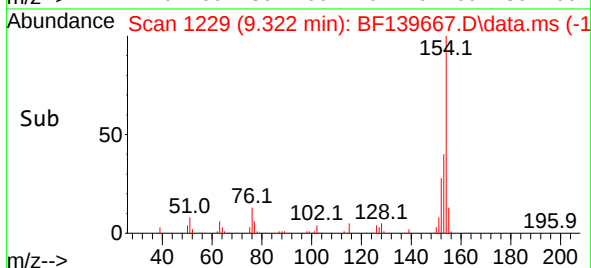
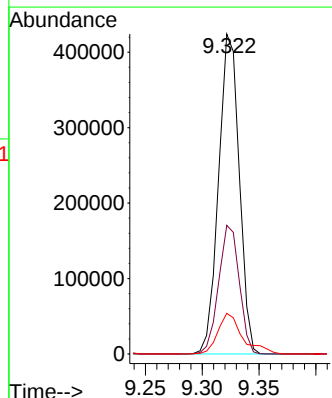
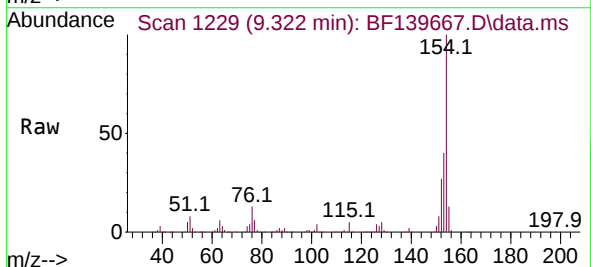
Tgt Ion:154 Resp: 536746

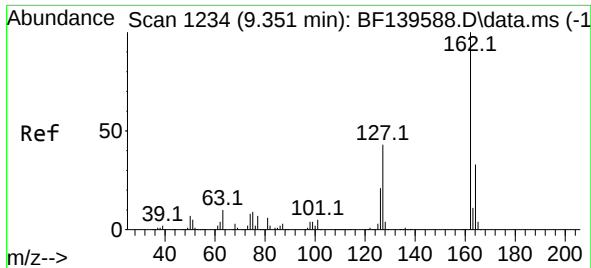
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.7 0.0 32.6

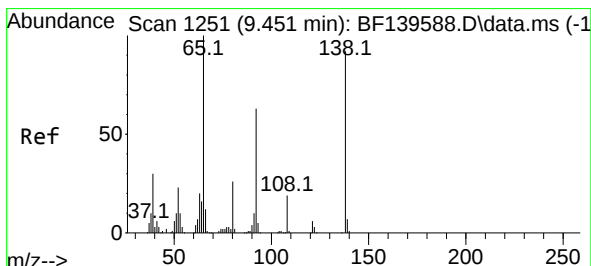
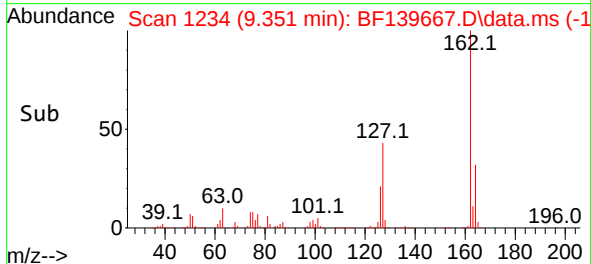
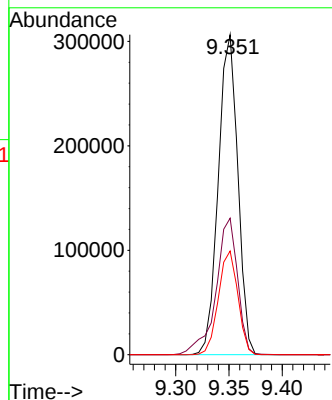
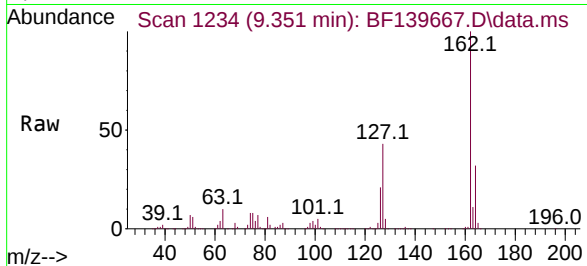




#47
2-Chloronaphthalene
Concen: 49.247 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

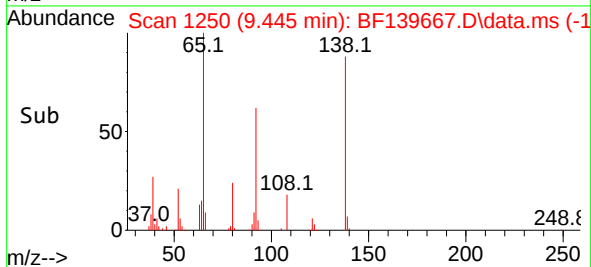
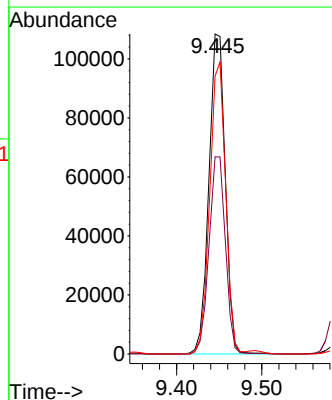
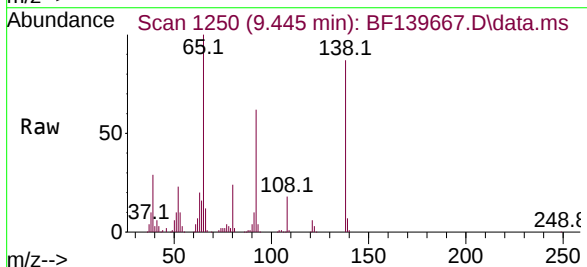
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:162 Resp: 389720
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.4
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 50.817 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion: 65 Resp: 144360
Ion Ratio Lower Upper
65 100
92 61.6 50.0 75.0
138 86.8 73.8 110.8

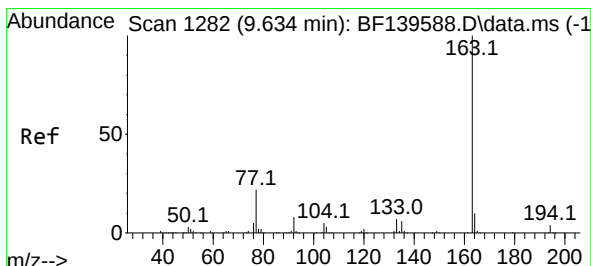
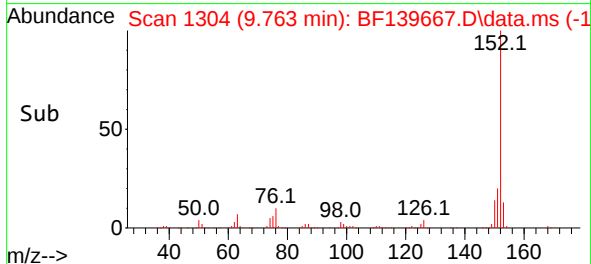
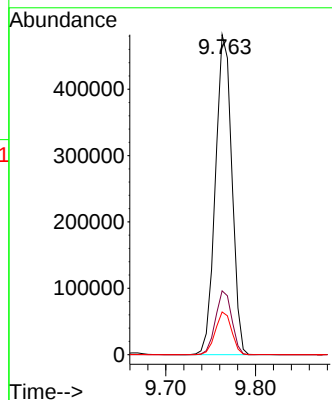
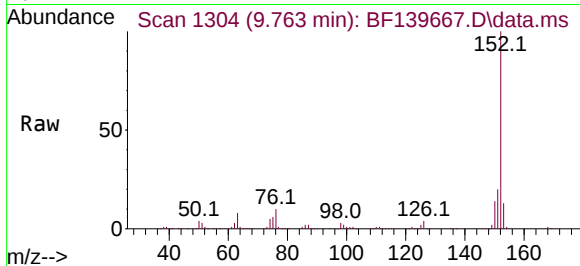




#49
Acenaphthylene
Concen: 50.975 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

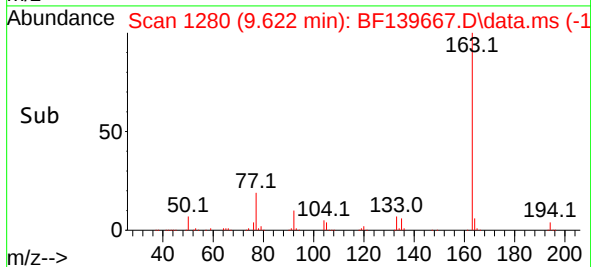
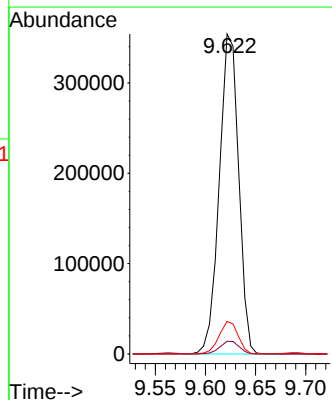
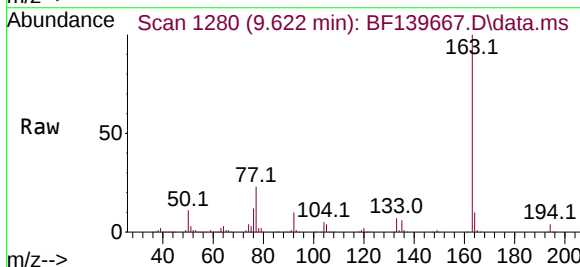
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:152 Resp: 613481
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 51.155 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:163 Resp: 475264
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1

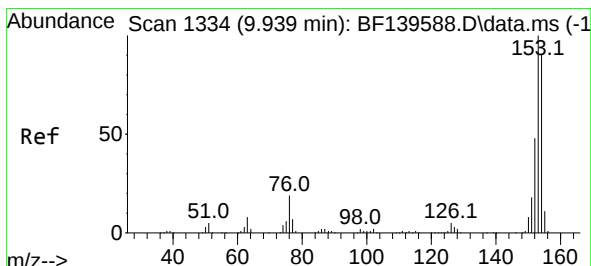
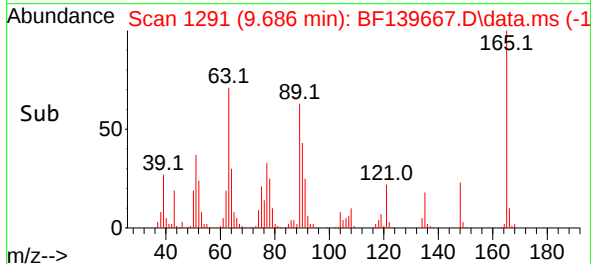
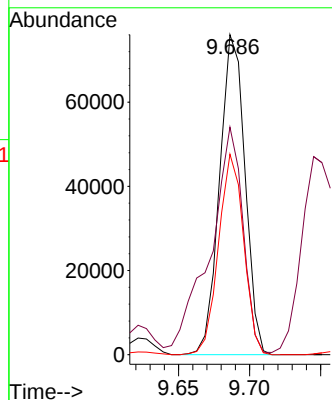
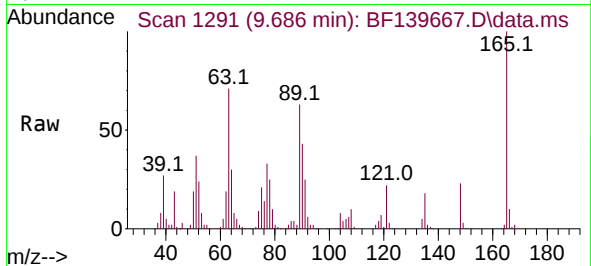




#51
2,6-Dinitrotoluene
Concen: 45.025 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

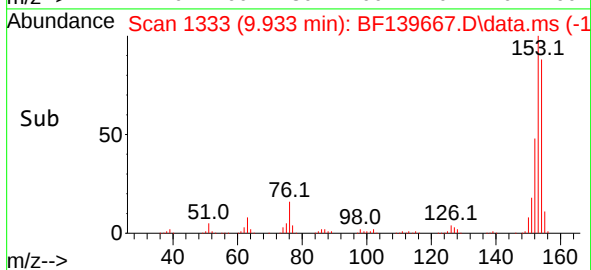
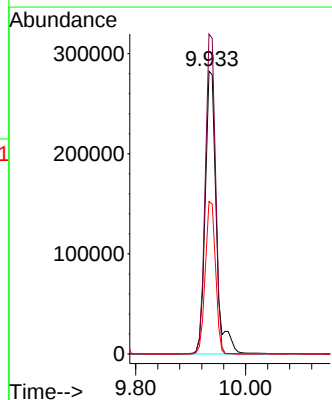
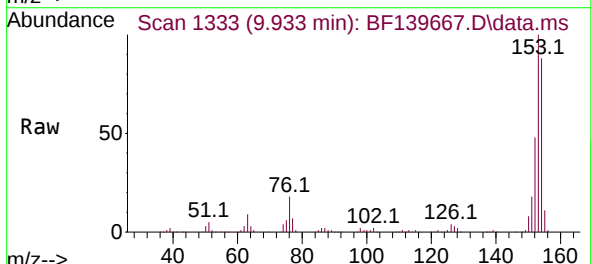
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

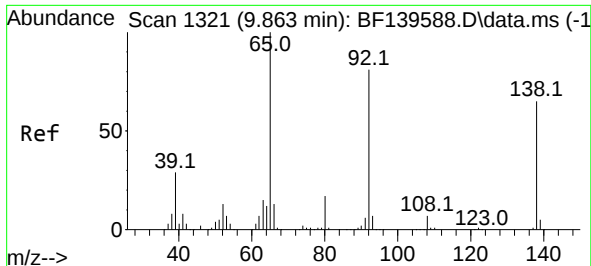
Tgt Ion:165 Resp: 94495
Ion Ratio Lower Upper
165 100
63 71.1 56.7 85.1
89 62.7 51.6 77.4



#52
Acenaphthene
Concen: 48.066 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:154 Resp: 397119
Ion Ratio Lower Upper
154 100
153 113.2 88.8 133.2
152 53.9 42.5 63.7

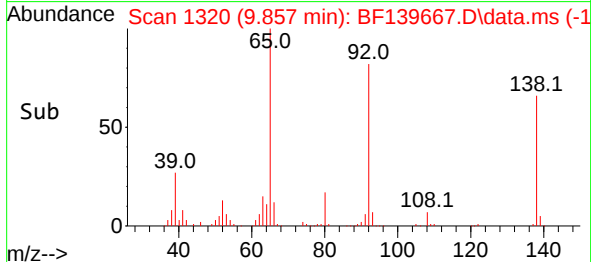
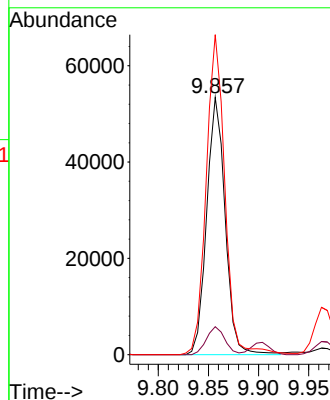
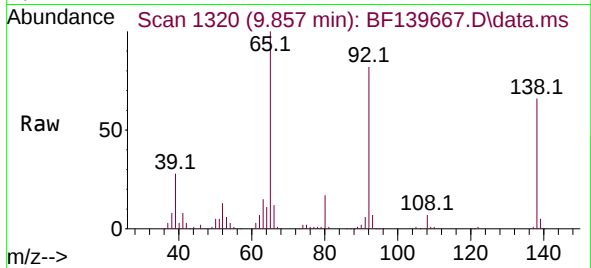




#53
3-Nitroaniline
Concen: 32.060 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

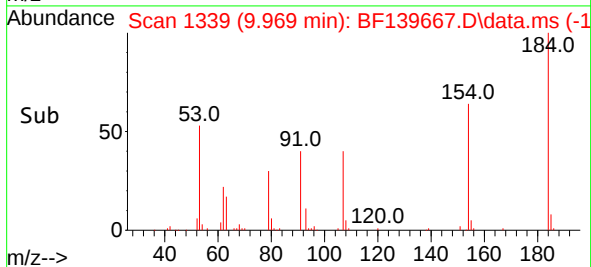
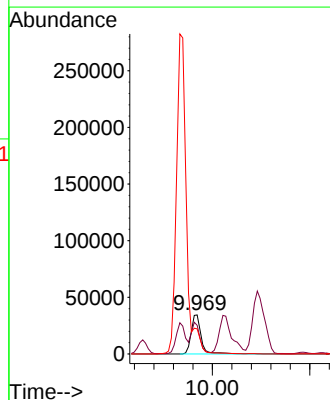
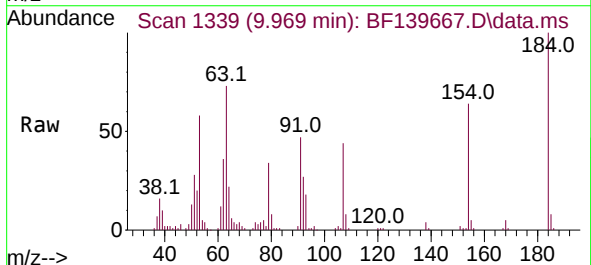
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

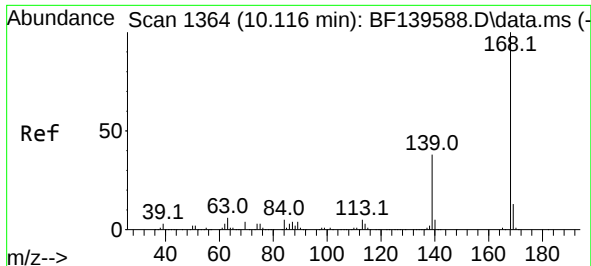
Tgt Ion:138 Resp: 68759
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 124.4 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 43.816 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:184 Resp: 49461
Ion Ratio Lower Upper
184 100
63 73.4 61.7 92.5
154 64.2 53.0 79.4

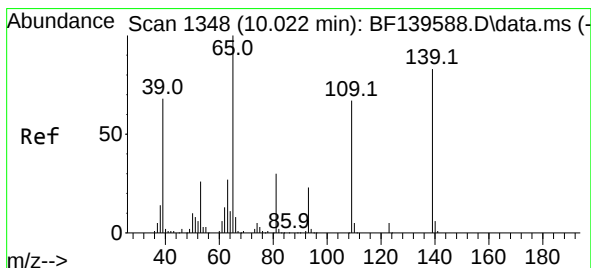
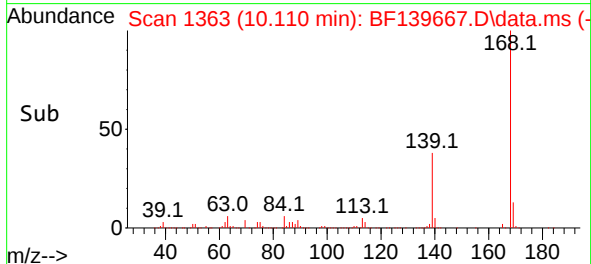
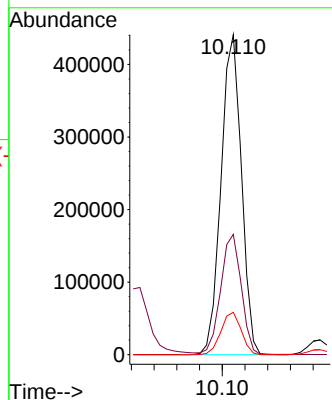
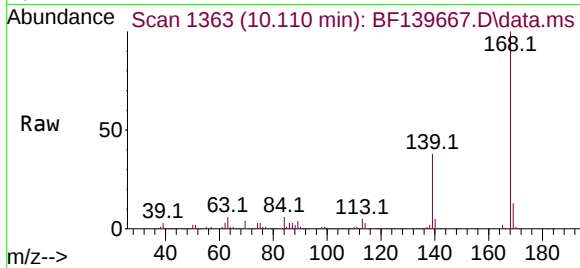




#55
Dibenzofuran
Concen: 47.490 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

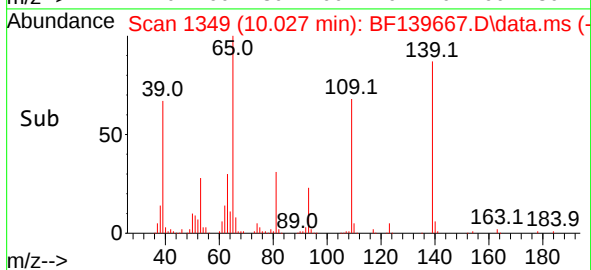
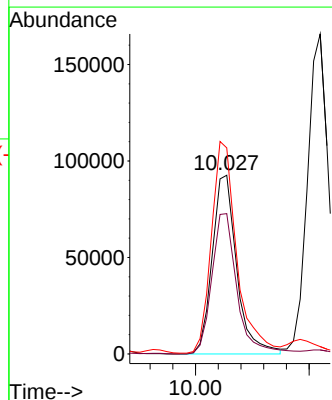
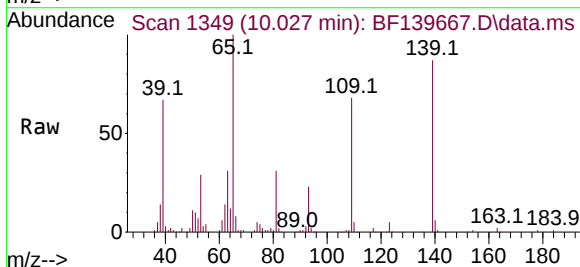
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

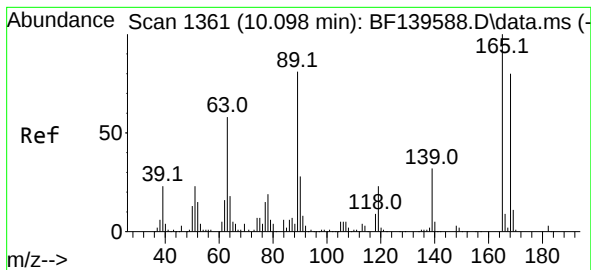
Tgt Ion:168 Resp: 549359
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 85.088 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:139 Resp: 139165
Ion Ratio Lower Upper
139 100
109 78.6 60.3 100.3
65 115.3 100.8 140.8

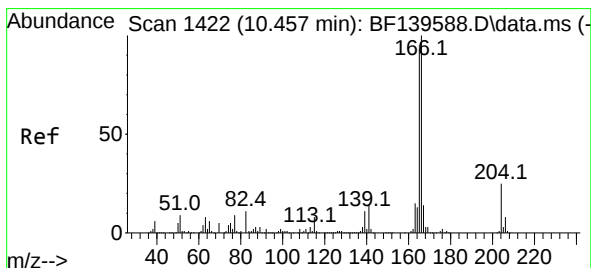
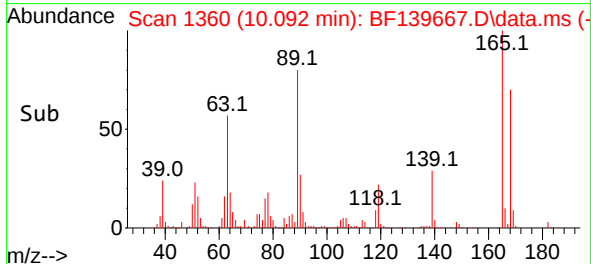
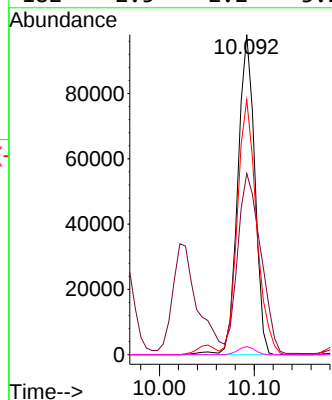
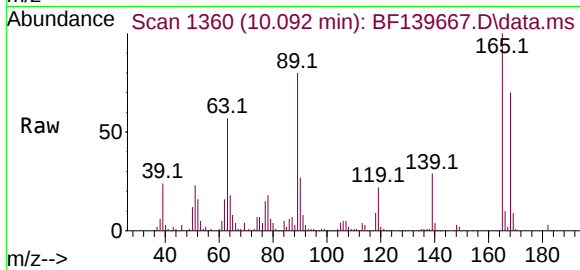




#57
2,4-Dinitrotoluene
Concen: 44.232 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

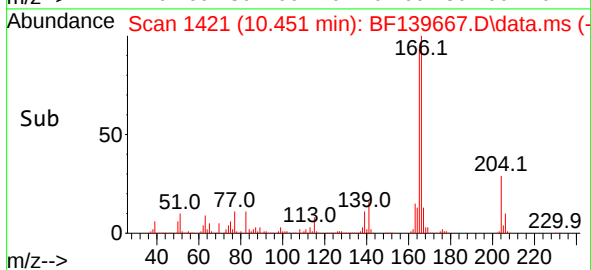
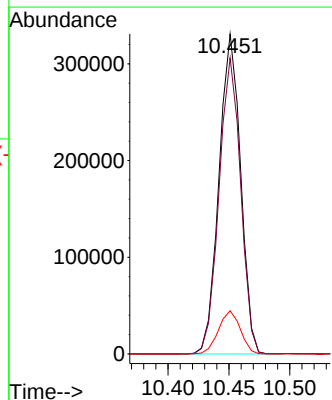
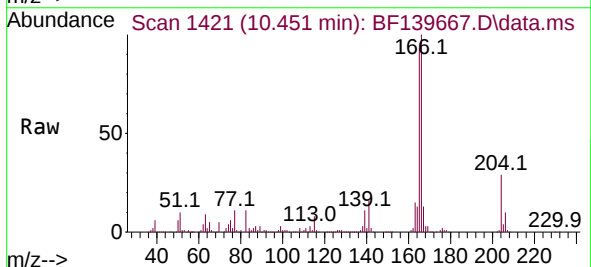
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:165 Resp: 121342
Ion Ratio Lower Upper
165 100
63 56.7 46.9 70.3
89 79.7 64.4 96.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 44.396 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:166 Resp: 409042
Ion Ratio Lower Upper
166 100
165 92.6 74.4 111.6
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.610 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:232 Resp: 105549

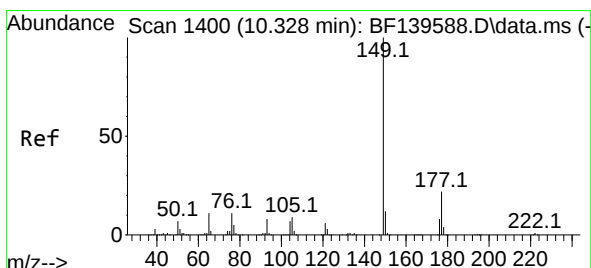
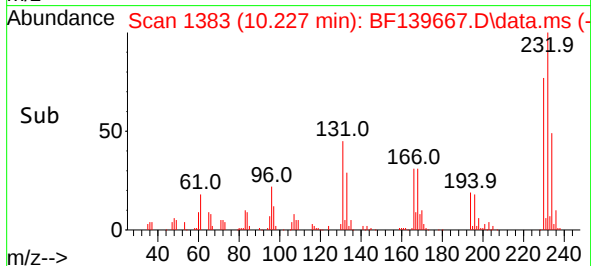
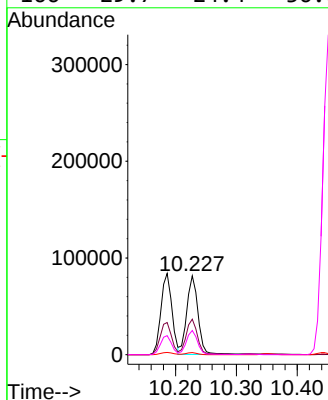
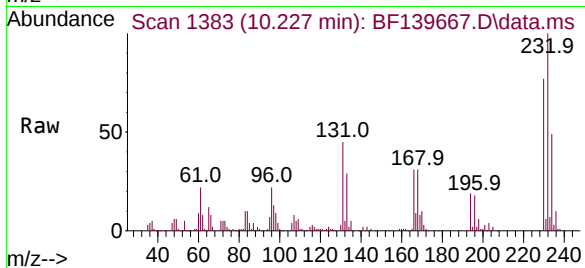
Ion Ratio Lower Upper

232 100

131 44.4 37.8 56.6

130 2.4 1.9 2.9

166 29.7 24.4 36.6



#60

Diethylphthalate

Concen: 47.655 ng

RT: 10.321 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

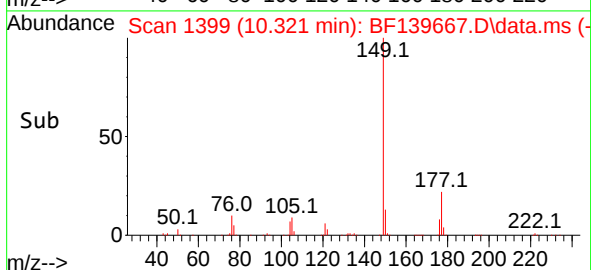
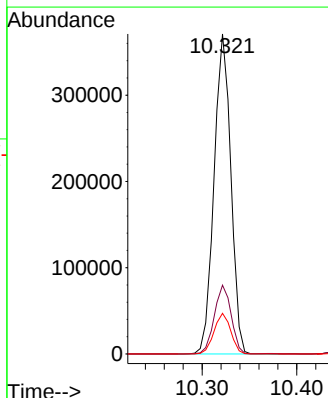
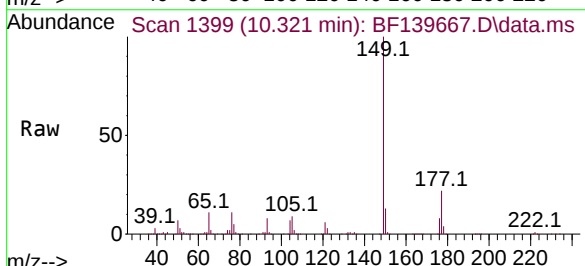
Tgt Ion:149 Resp: 457308

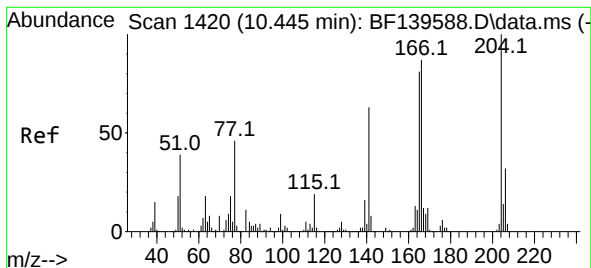
Ion Ratio Lower Upper

149 100

177 21.5 17.4 26.0

150 12.7 10.0 15.0

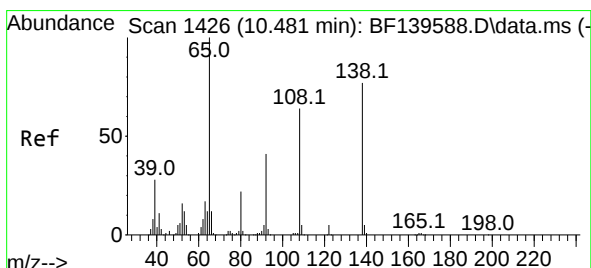
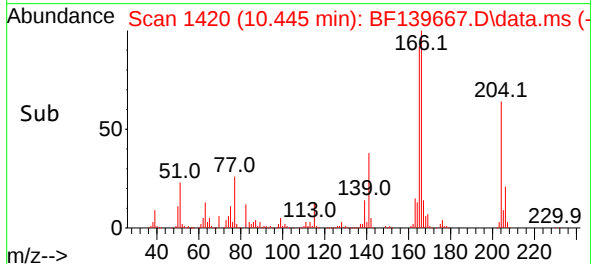
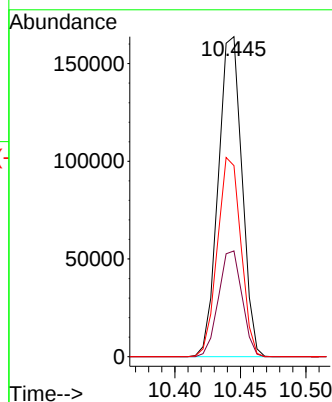
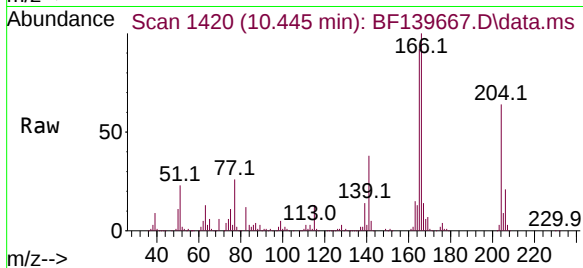




#61
4-Chlorophenyl-phenylether
Concen: 44.706 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

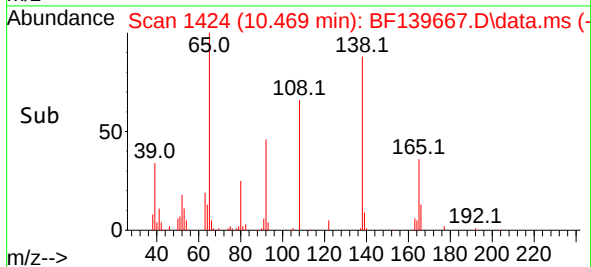
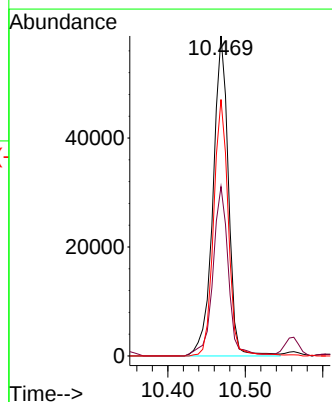
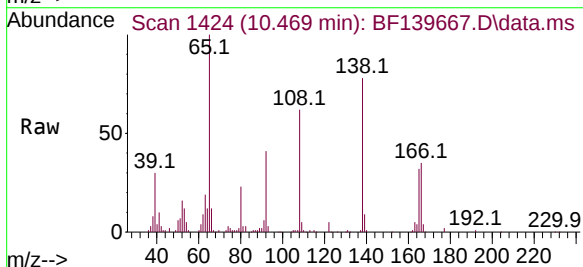
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

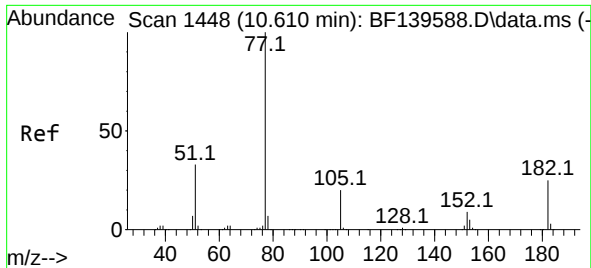
Tgt Ion:204 Resp: 206068
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 59.7 50.5 75.7



#62
4-Nitroaniline
Concen: 37.043 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:138 Resp: 81265
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 80.1 62.1 102.1

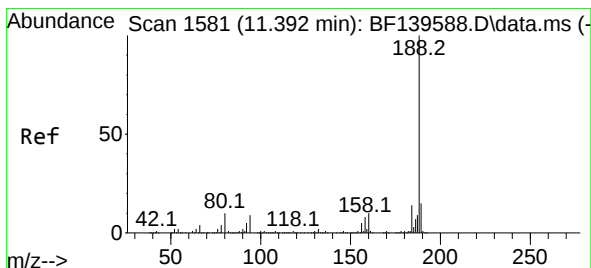
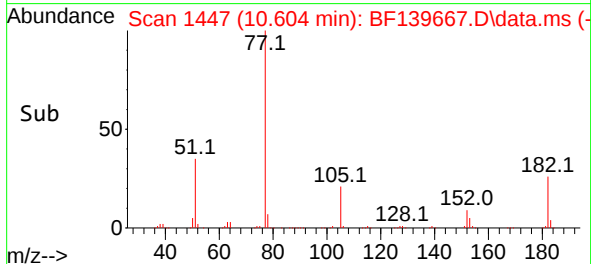
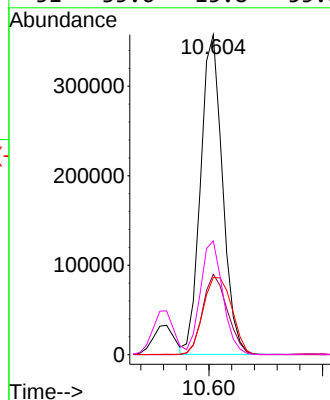
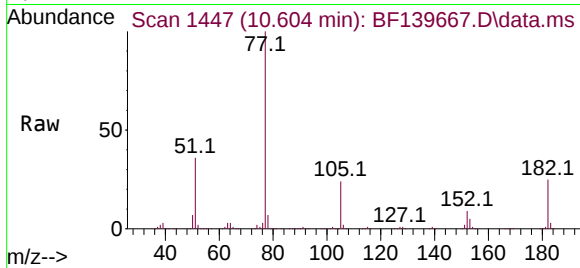




#63
Azobenzene
Concen: 49.632 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

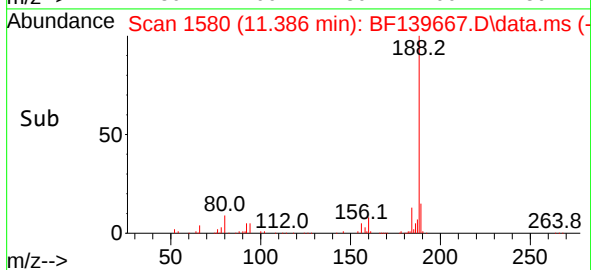
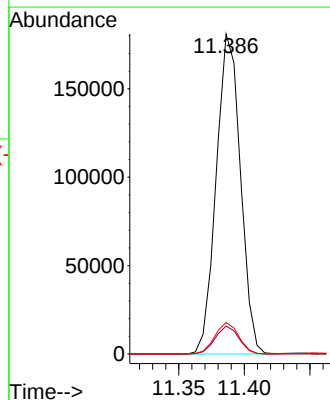
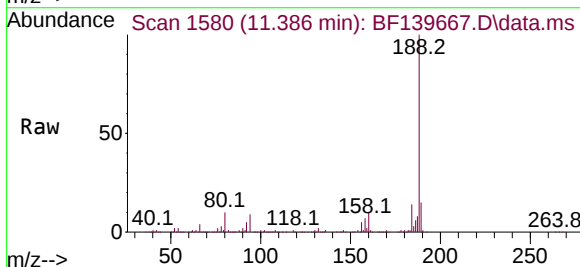
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

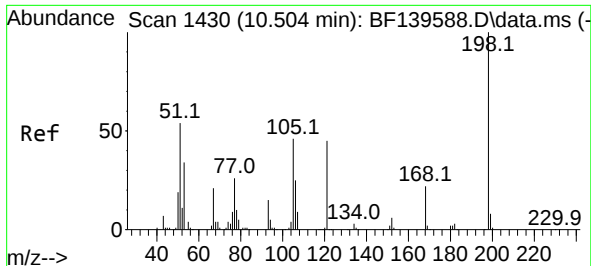
Tgt Ion: 77	Resp: 478978
Ion Ratio	Lower Upper
77 100	
182 25.2	4.2 44.2
105 24.1	0.0 39.6
51 35.6	15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:188	Resp: 232157
Ion Ratio	Lower Upper
188 100	
94 8.7	7.4 11.2
80 9.8	8.2 12.2

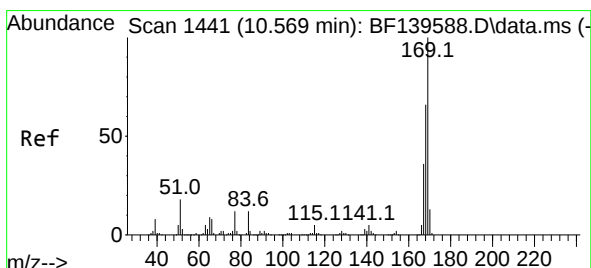
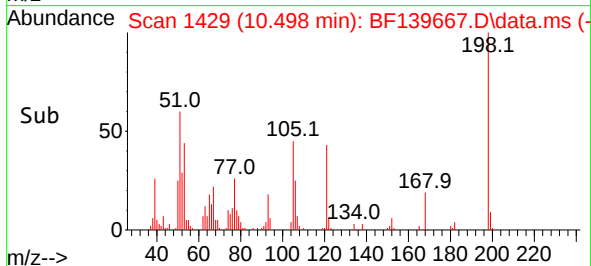
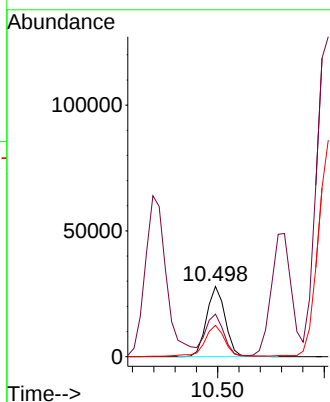
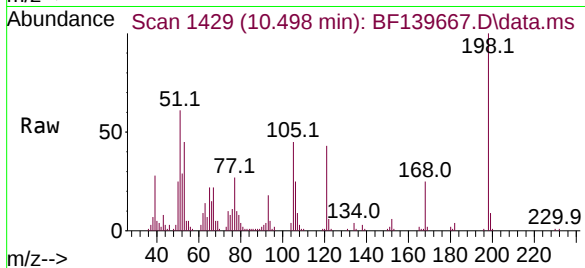




#65
4,6-Dinitro-2-methylphenol
Concen: 25.803 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

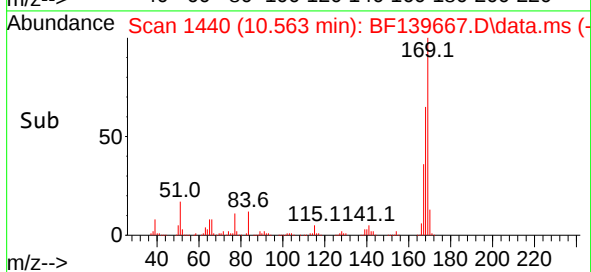
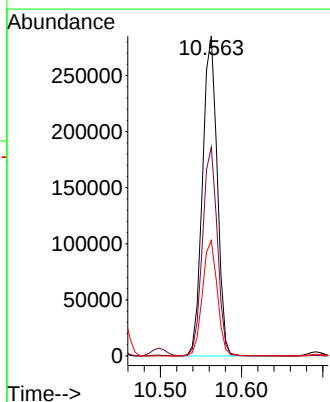
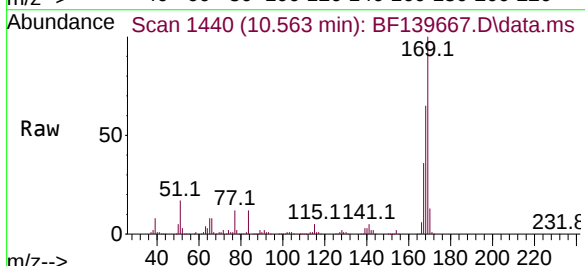
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:198 Resp: 33833
Ion Ratio Lower Upper
198 100
51 60.6 43.0 83.0
105 44.7 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 52.285 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:169 Resp: 357797
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 36.0 28.6 43.0

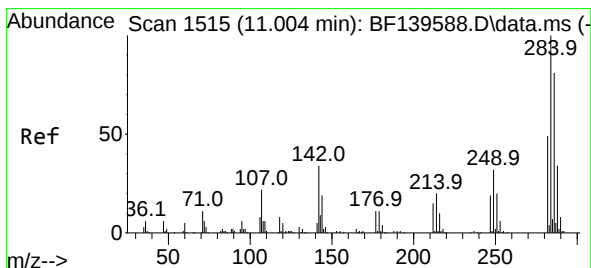
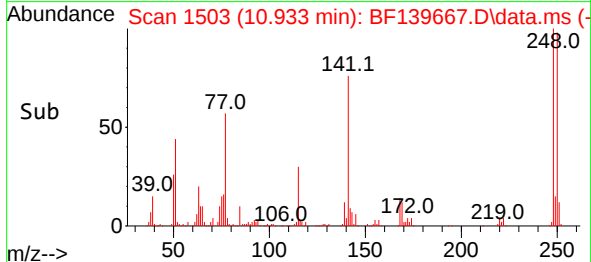
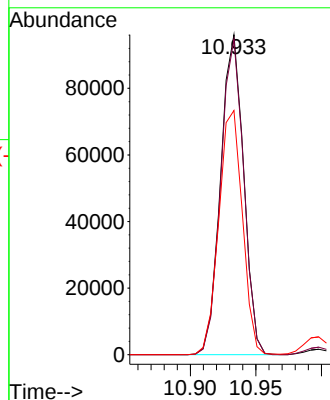
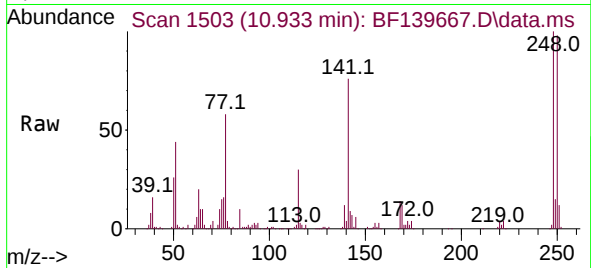




#67
4-Bromophenyl-phenylether
Concen: 49.222 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

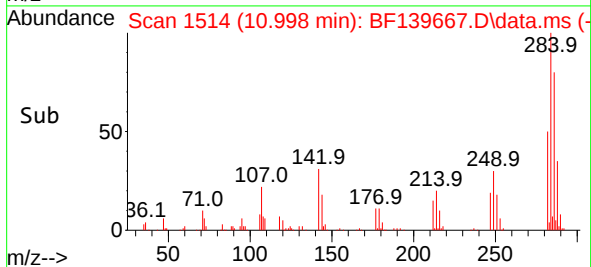
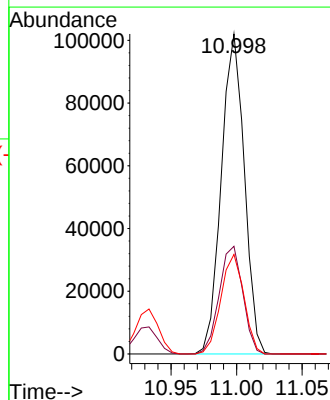
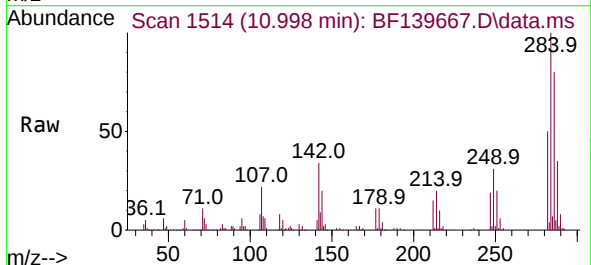
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:248 Resp: 117163
Ion Ratio Lower Upper
248 100
250 98.5 77.1 115.7
141 76.3 60.4 90.6



#68
Hexachlorobenzene
Concen: 47.109 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:284 Resp: 124429
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 31.1 25.4 38.0





#69

Atrazine

Concen: 56.926 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

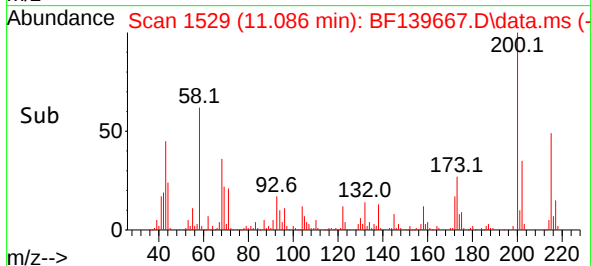
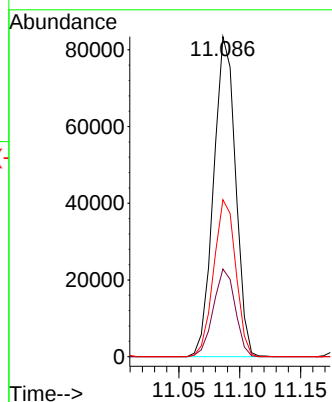
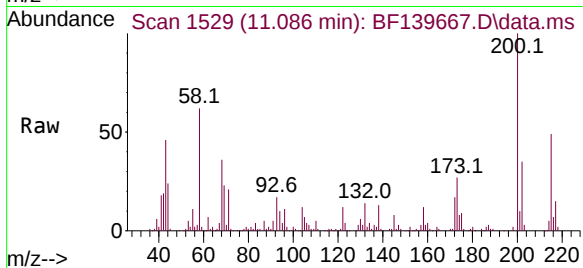
Tgt Ion:200 Resp: 104518

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

215 49.1 27.5 67.5



#70

Pentachlorophenol

Concen: 86.247 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

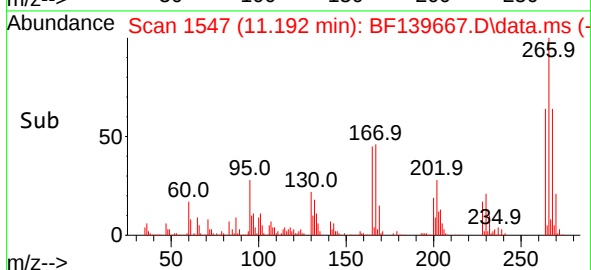
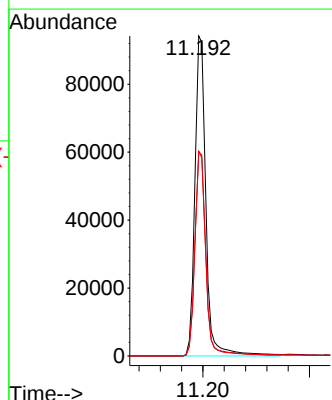
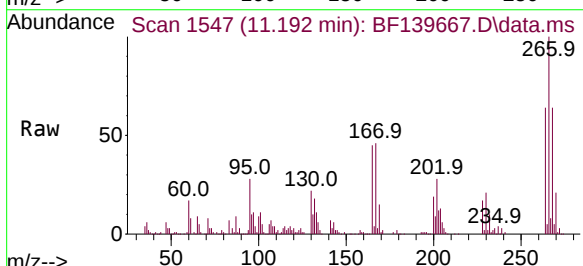
Tgt Ion:266 Resp: 135646

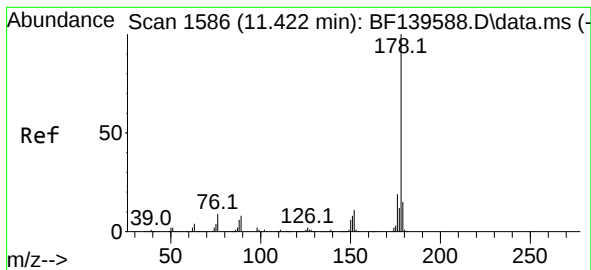
Ion Ratio Lower Upper

266 100

268 63.9 50.0 75.0

264 63.9 49.3 73.9





#71

Phenanthrene

Concen: 49.263 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

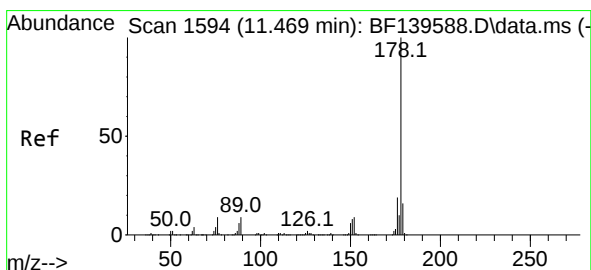
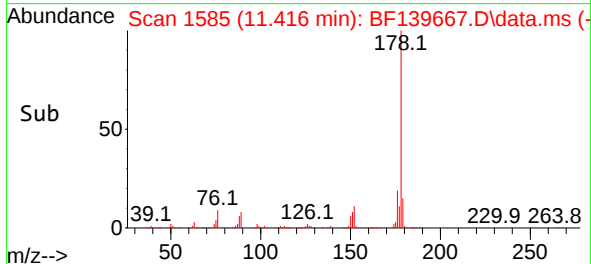
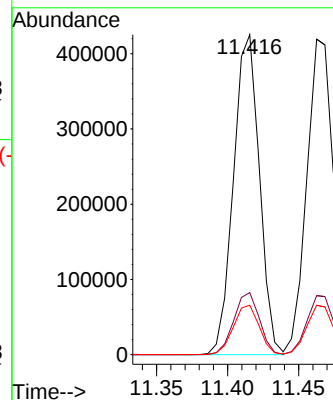
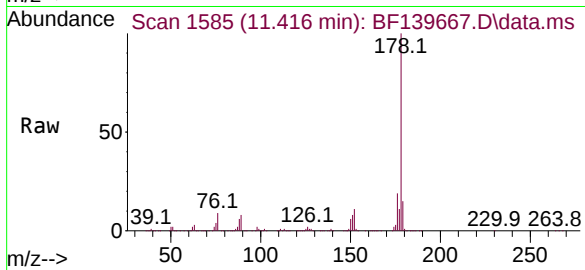
Tgt Ion:178 Resp: 539255

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.4 12.3 18.5



#72

Anthracene

Concen: 50.559 ng

RT: 11.463 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

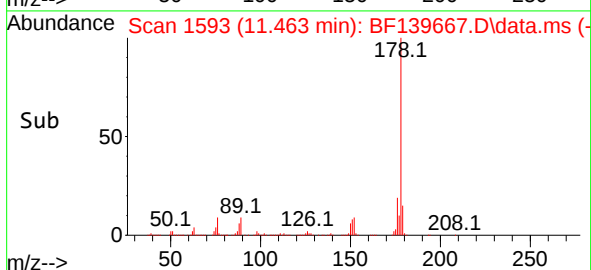
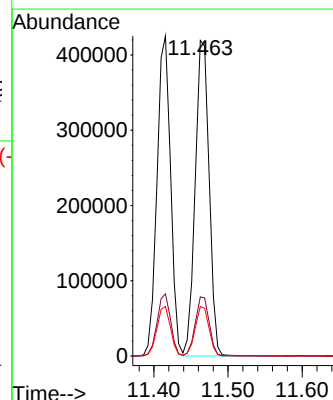
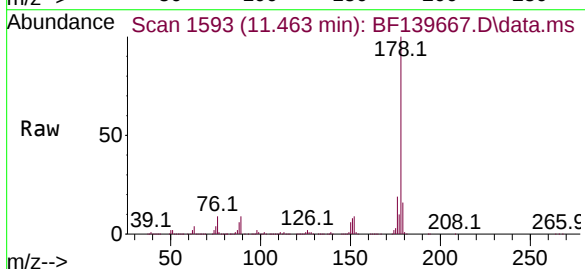
Tgt Ion:178 Resp: 547517

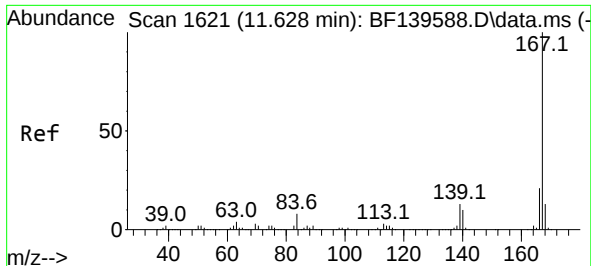
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

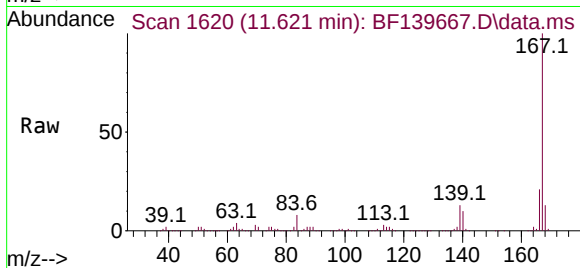
179 15.7 12.5 18.7



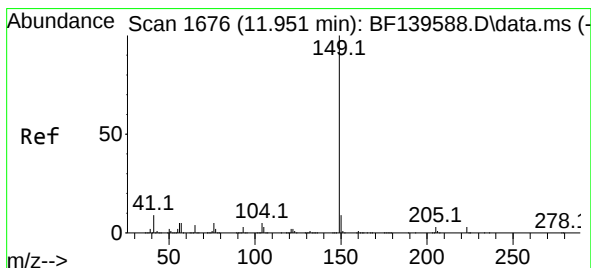
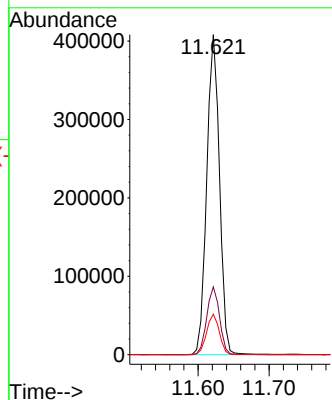
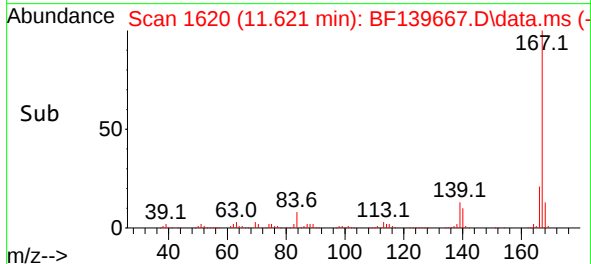


#73
Carbazole
Concen: 48.973 ng
RT: 11.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

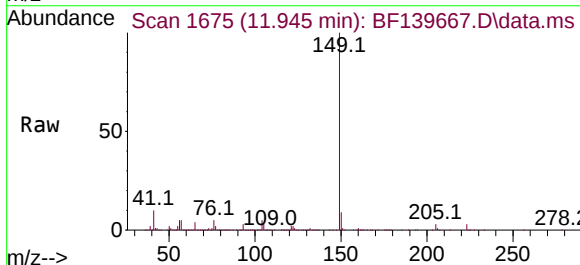
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



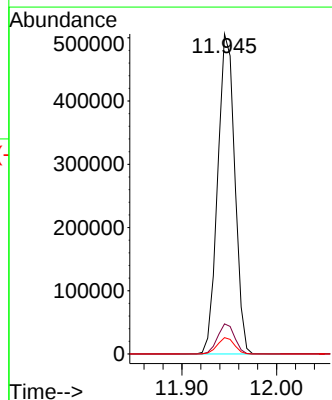
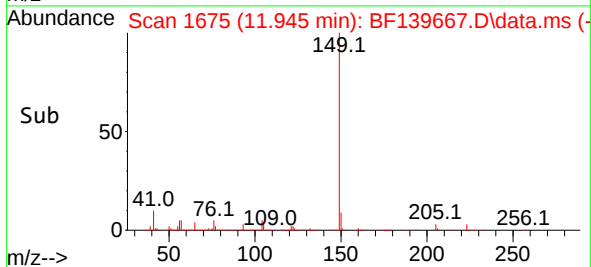
Tgt Ion:167 Resp: 509365
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.6 10.3 15.5

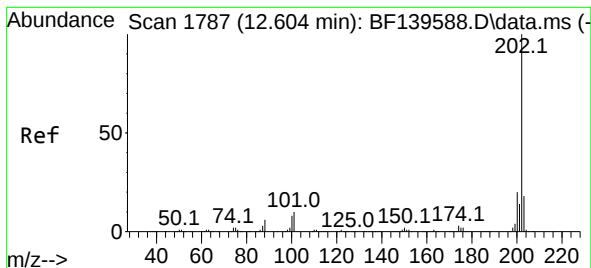


#74
Di-n-butylphthalate
Concen: 50.216 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48



Tgt Ion:149 Resp: 635134
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 48.846 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

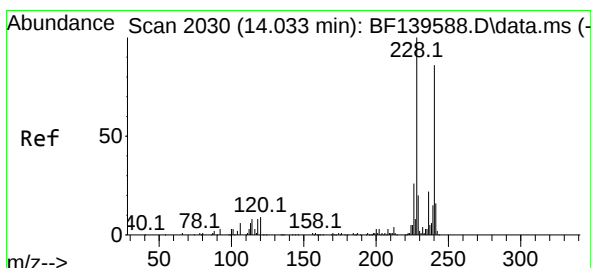
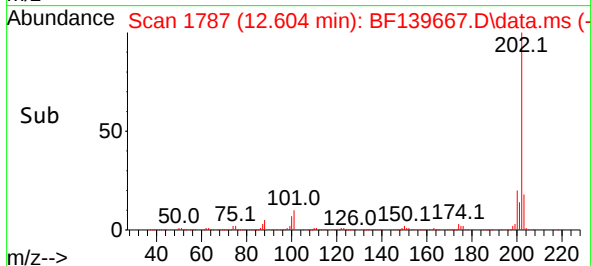
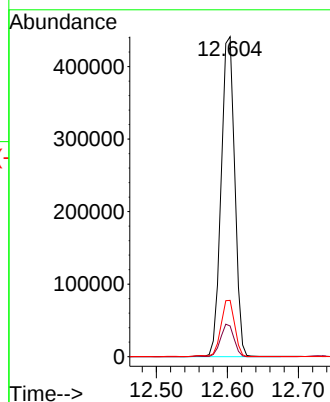
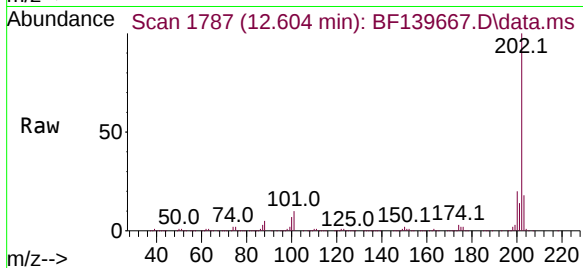
Tgt Ion:202 Resp: 584488

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

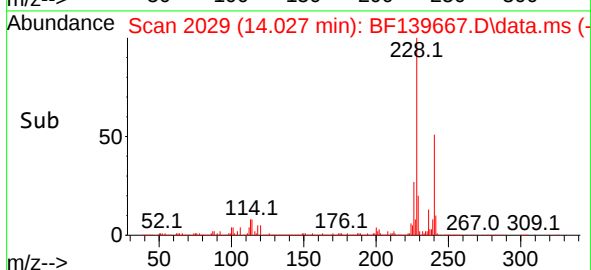
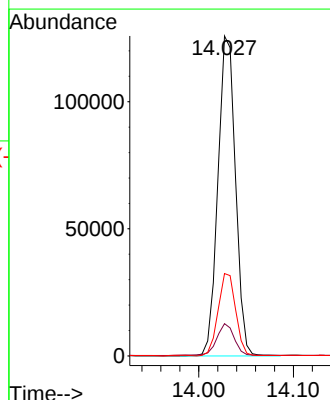
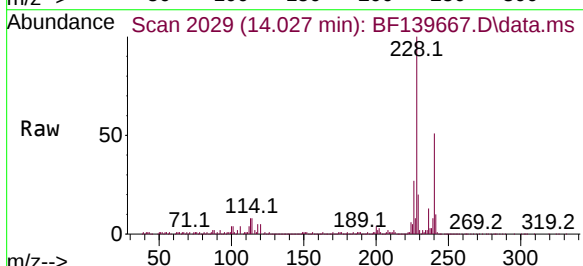
Tgt Ion:240 Resp: 162639

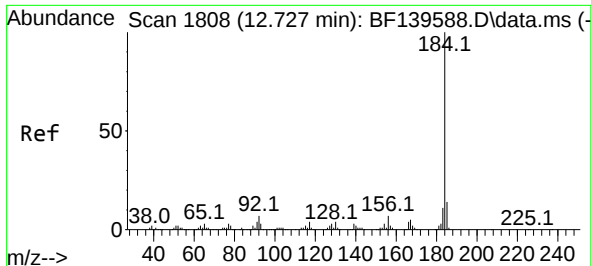
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.8 20.3 30.5

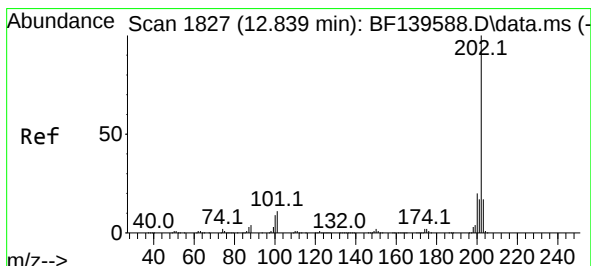
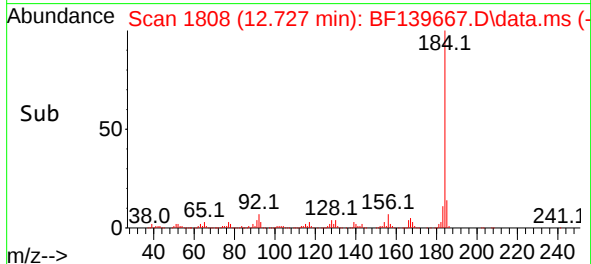
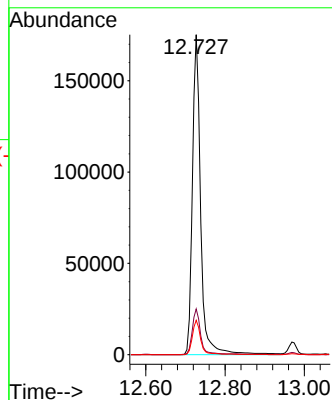
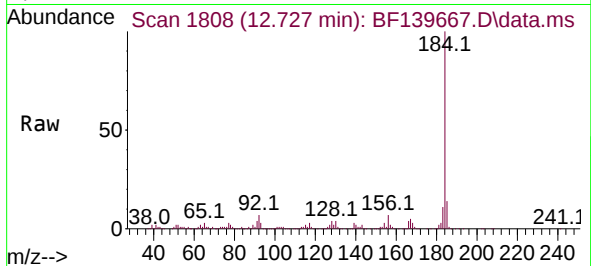




#77
Benzidine
Concen: 88.578 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

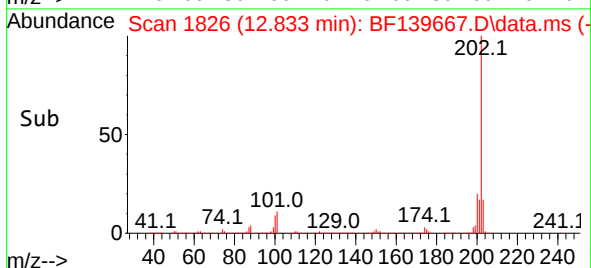
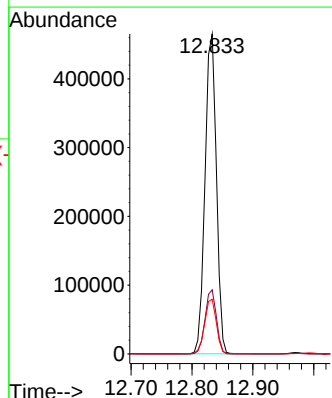
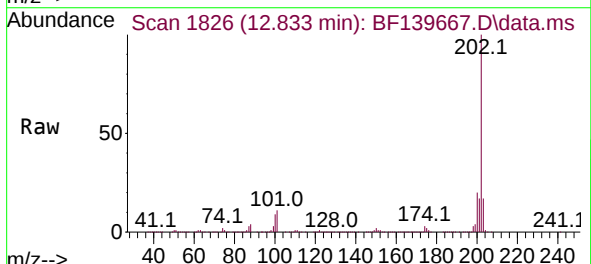
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

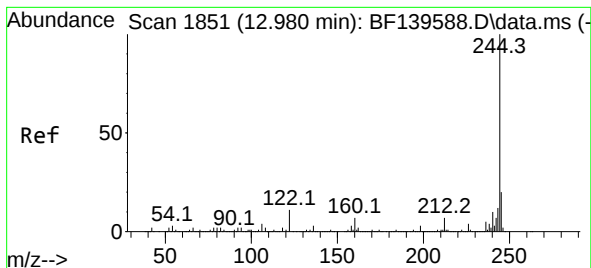
Tgt Ion:184 Resp: 254110
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 10.7 8.8 13.2



#78
Pyrene
Concen: 41.601 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139667.D
Acq: 04 Oct 2024 19:48

Tgt Ion:202 Resp: 605145
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.1 13.8 20.8





#79

Terphenyl-d14

Concen: 63.625 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

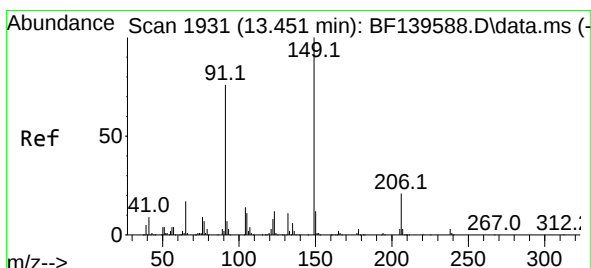
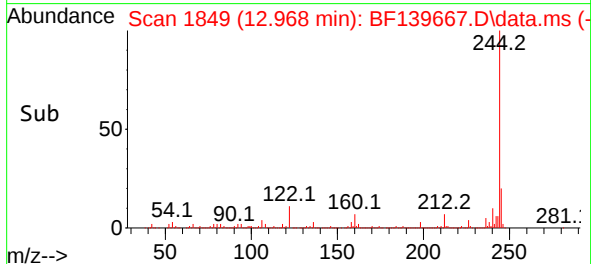
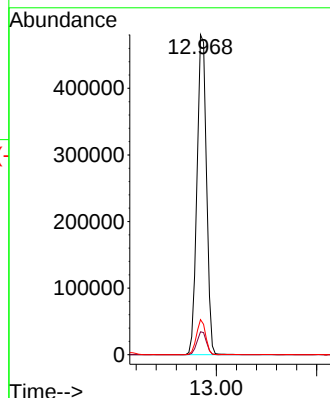
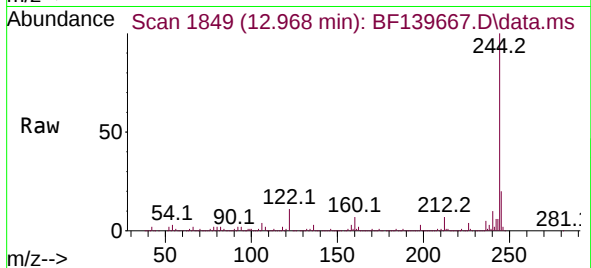
Tgt Ion:244 Resp: 630649

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.9 8.6 12.8



#80

Butylbenzylphthalate

Concen: 49.459 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

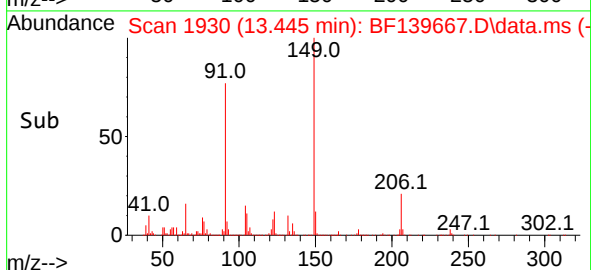
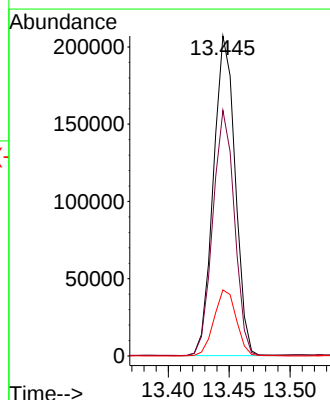
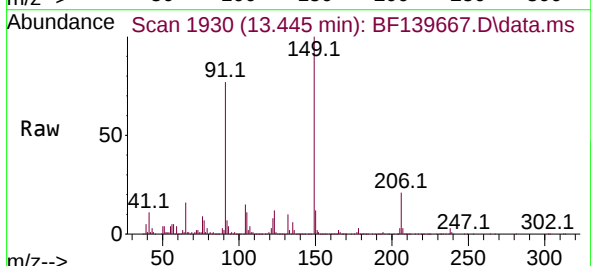
Tgt Ion:149 Resp: 257340

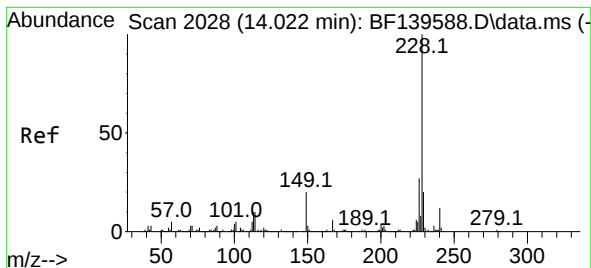
Ion Ratio Lower Upper

149 100

91 76.7 61.0 91.4

206 20.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.538 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

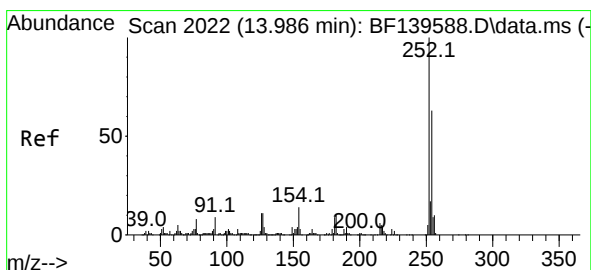
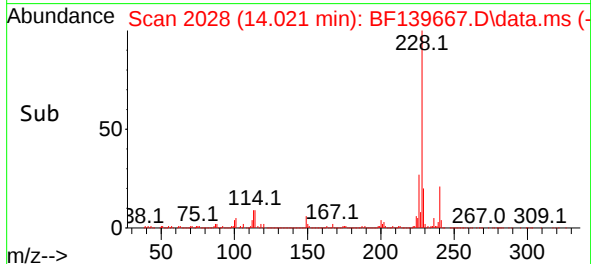
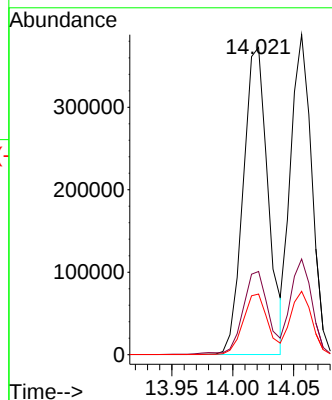
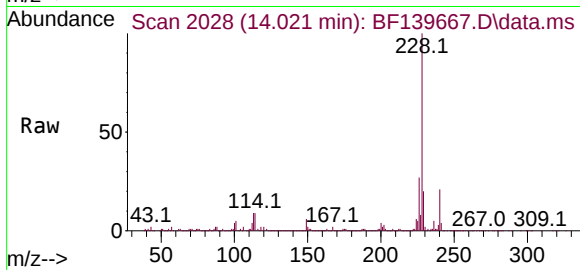
Tgt Ion:228 Resp: 529702

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.337 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

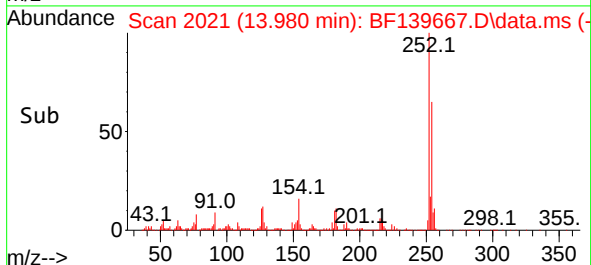
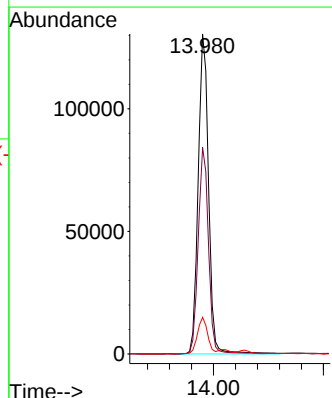
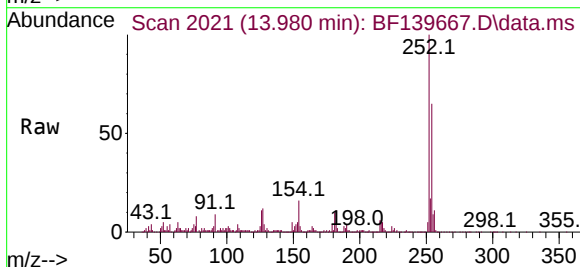
Tgt Ion:252 Resp: 171272

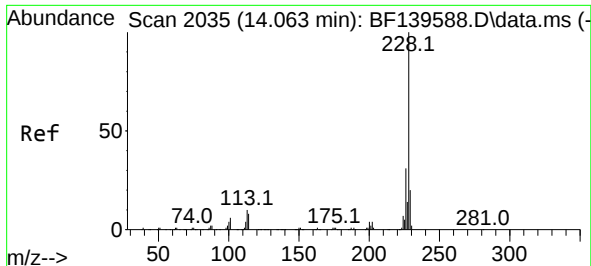
Ion Ratio Lower Upper

252 100

254 64.6 50.5 75.7

126 11.4 8.8 13.2





#83

Chrysene

Concen: 48.009 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

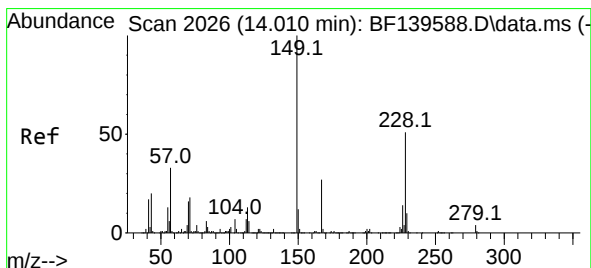
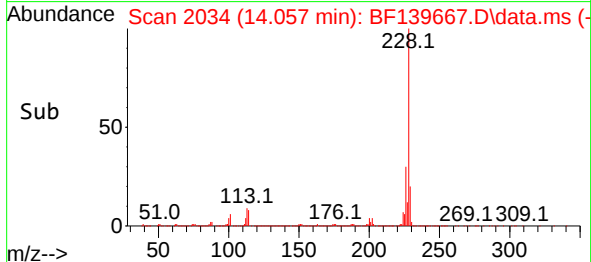
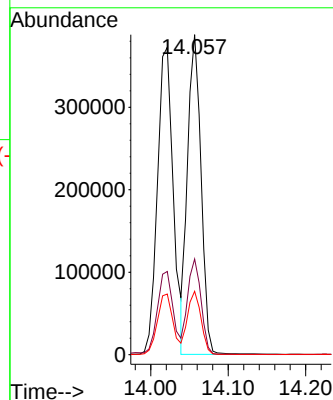
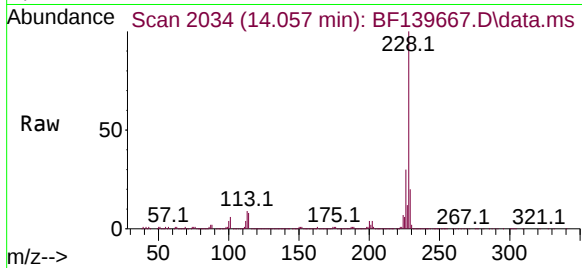
Tgt Ion:228 Resp: 469338

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.013 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

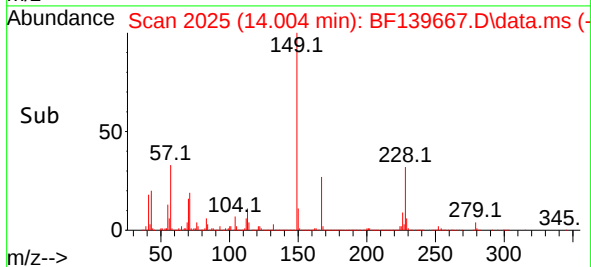
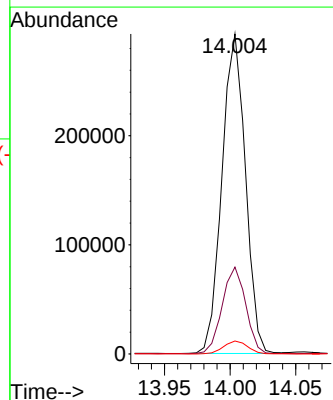
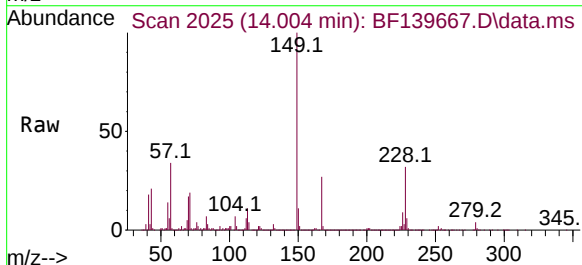
Tgt Ion:149 Resp: 363921

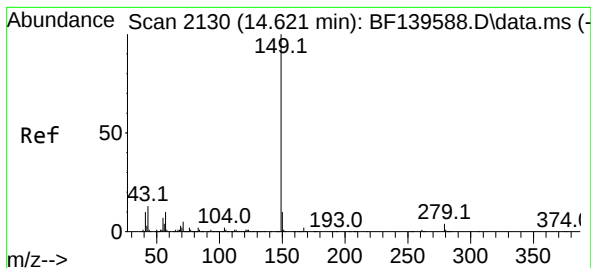
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.149 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

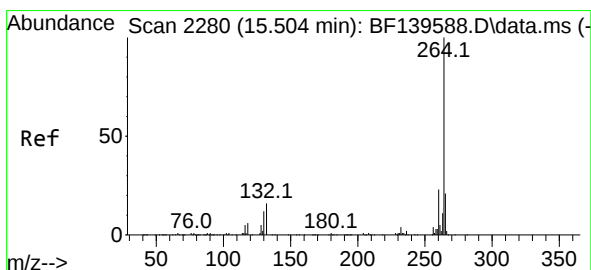
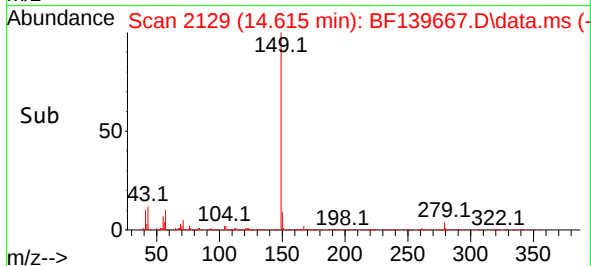
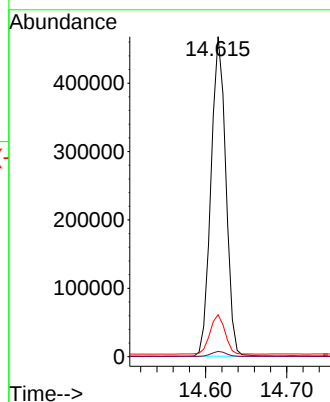
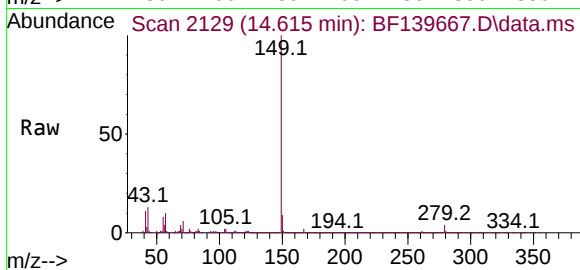
Tgt Ion:149 Resp: 593205

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.4 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

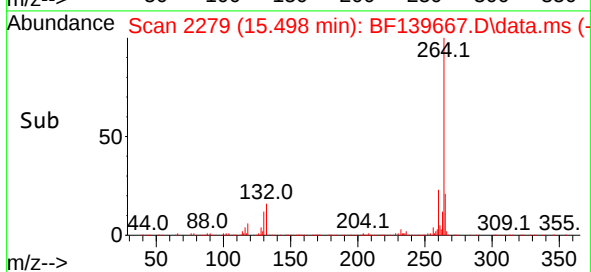
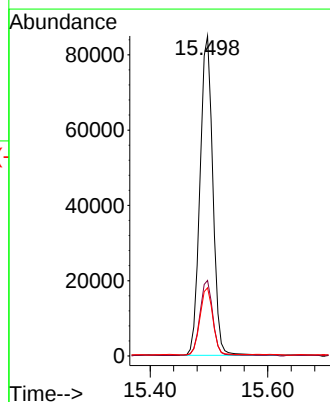
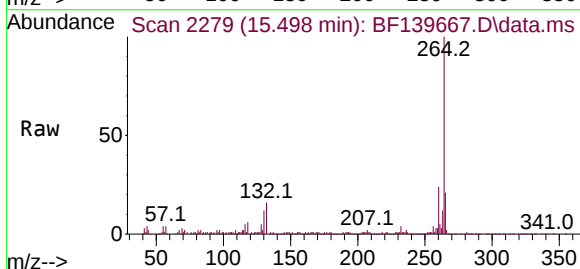
Tgt Ion:264 Resp: 128559

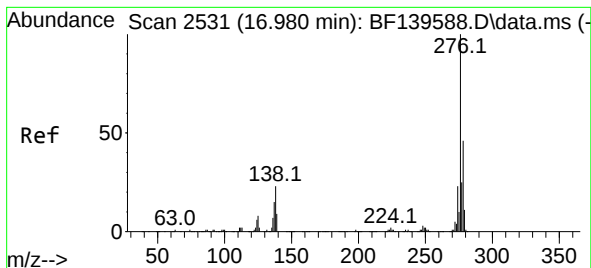
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.132 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

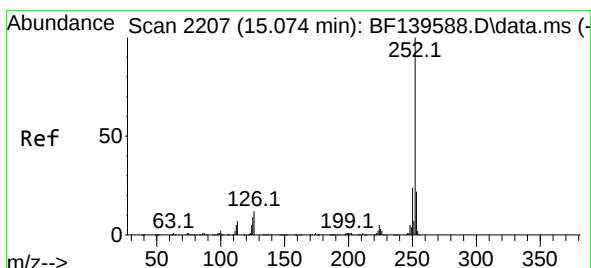
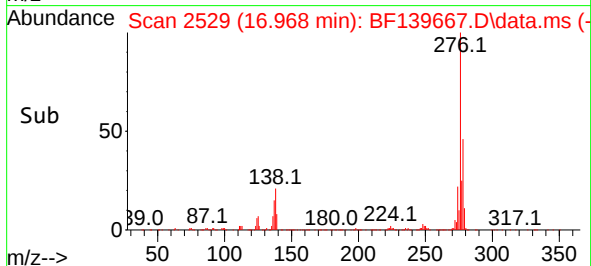
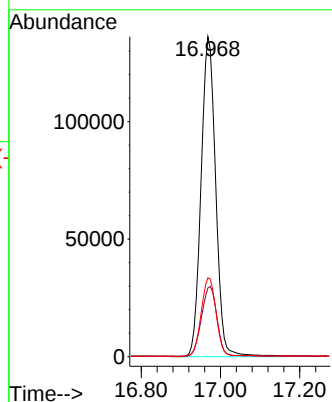
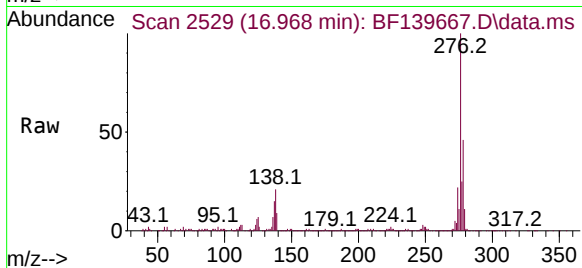
Tgt Ion:276 Resp: 349071

Ion Ratio Lower Upper

276 100

138 22.9 19.4 29.0

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.887 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

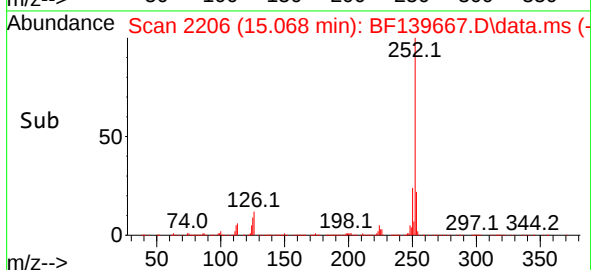
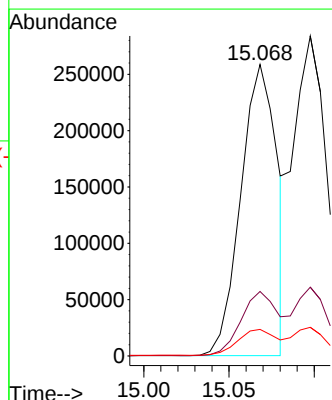
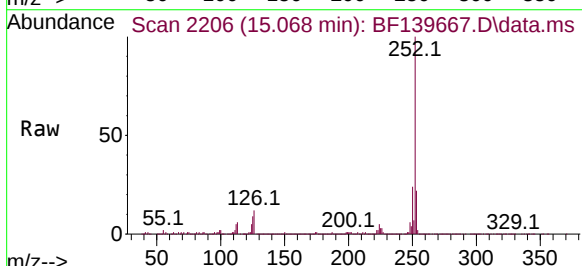
Tgt Ion:252 Resp: 381434

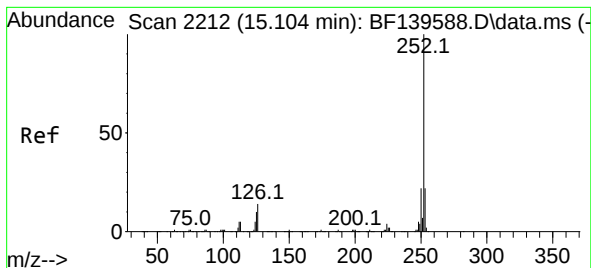
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 54.818 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

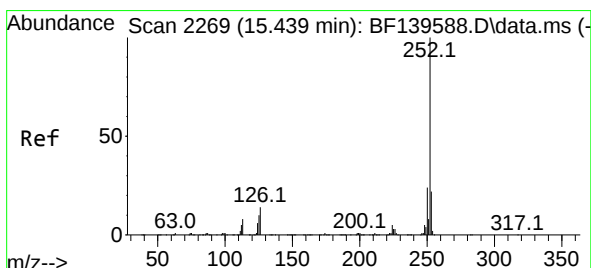
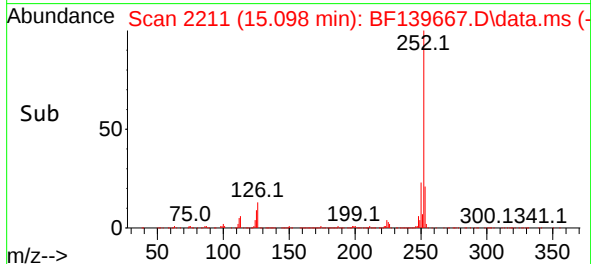
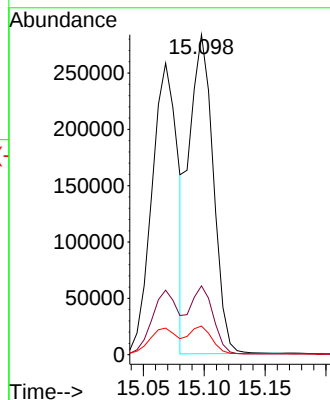
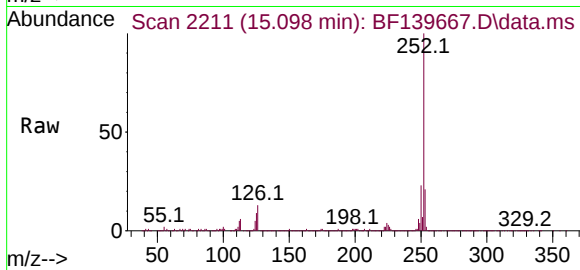
Tgt Ion:252 Resp: 386529

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.0 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.539 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

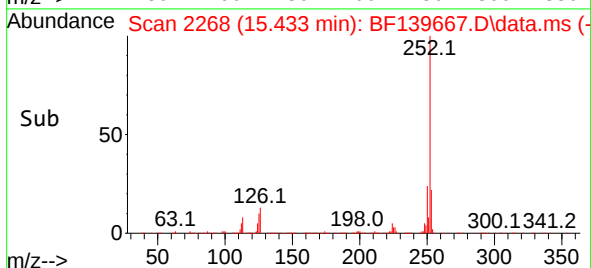
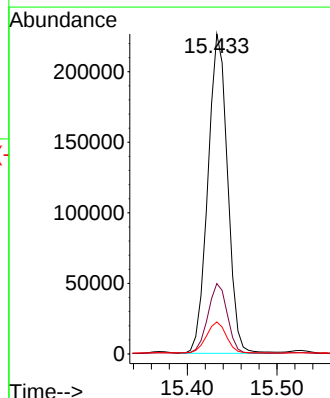
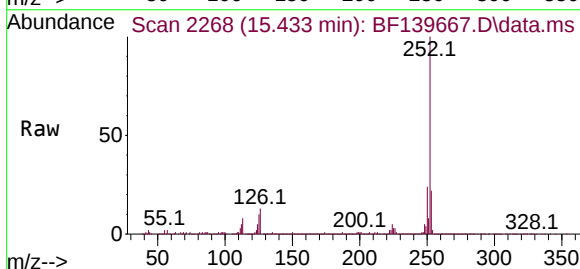
Tgt Ion:252 Resp: 344359

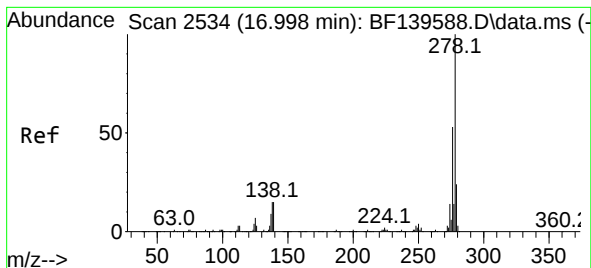
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.406 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

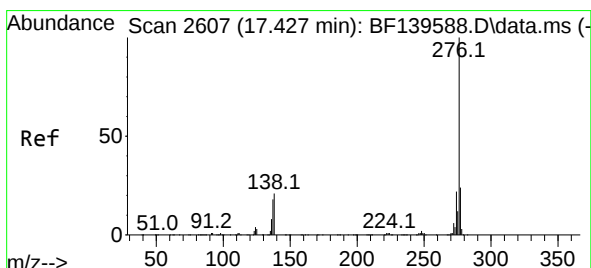
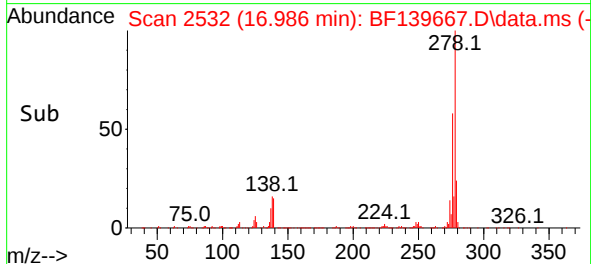
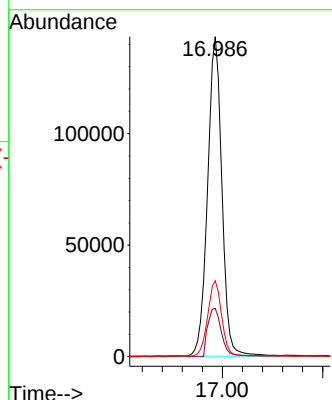
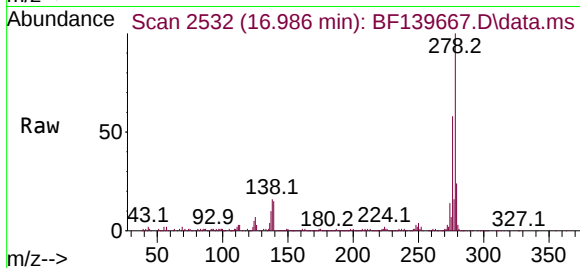
Tgt Ion:278 Resp: 284961

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.948 ng

RT: 17.415 min Scan# 2605

Delta R.T. -0.012 min

Lab File: BF139667.D

Acq: 04 Oct 2024 19:48

Tgt Ion:276 Resp: 257732

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 19.5 17.0 25.6

