

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140005.D
 Acq On : 24 Oct 2024 17:17
 Operator : RC/JU
 Sample : P4467-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Oct 24 17:45:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131947	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	501368	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	271082	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	450738	20.000	ng	0.00
76) Chrysene-d12	14.051	240	233244	20.000	ng	0.00
86) Perylene-d12	15.527	264	308426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	799674	94.877	ng	0.01
7) Phenol-d6	6.510	99	1012285	92.732	ng	0.00
23) Nitrobenzene-d5	7.451	82	638656	70.600	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	279554	110.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1119419	68.247	ng	0.00
79) Terphenyl-d14	12.992	244	929562	64.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	170681	43.433	ng	95
3) Pyridine	3.499	79	437331	44.897	ng	95
4) n-Nitrosodimethylamine	3.452	42	231921	44.315	ng	95
6) Aniline	6.551	93	449056	44.139	ng	98
8) 2-Chlorophenol	6.675	128	437510	50.776	ng	96
9) Benzaldehyde	6.440	77	94660	15.414	ng	98
10) Phenol	6.528	94	566012	50.294	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	426841	49.070	ng	99
12) 1,3-Dichlorobenzene	6.834	146	474358	47.959	ng	98
13) 1,4-Dichlorobenzene	6.910	146	484574	49.037	ng	98
14) 1,2-Dichlorobenzene	7.057	146	465650	50.490	ng	98
15) Benzyl Alcohol	7.028	79	401147	50.096	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	694463	46.821	ng	97
17) 2-Methylphenol	7.134	107	363394	49.460	ng	100
18) Hexachloroethane	7.404	117	171917	48.787	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	316676	47.831	ng	98
20) 3+4-Methylphenols	7.287	107	451943	48.091	ng	95
22) Acetophenone	7.298	105	598941	48.773	ng	97
24) Nitrobenzene	7.469	77	476377	48.031	ng	98
25) Isophorone	7.710	82	872334	50.807	ng	99
26) 2-Nitrophenol	7.787	139	229681	61.385	ng	95
27) 2,4-Dimethylphenol	7.822	122	361571	57.953	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	518995	49.892	ng	99
29) 2,4-Dichlorophenol	8.022	162	361564	50.879	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	385361	49.007	ng	99
31) Naphthalene	8.193	128	1262514	48.826	ng	99
32) Benzoic acid	7.928	122	258670	47.536	ng	96
33) 4-Chloroaniline	8.234	127	155580	17.645	ng	100
34) Hexachlorobutadiene	8.310	225	248809	50.360	ng	99
35) Caprolactam	8.610	113	91780	40.618	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	397485	50.514	ng	99
37) 2-Methylnaphthalene	8.887	142	796790	50.314	ng	100
38) 1-Methylnaphthalene	8.987	142	747926	48.138	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	382027	52.237	ng	99
41) Hexachlorocyclopentadiene	9.040	237	462690	181.825	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	280594	54.192	ng	100

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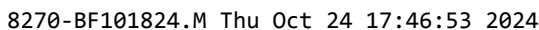
Instrument :
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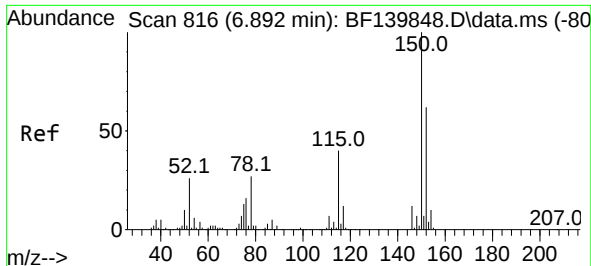
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	276809	51.817	ng	99
46) 1,1'-Biphenyl	9.351	154	961569	50.954	ng	99
47) 2-Chloronaphthalene	9.375	162	765331	50.353	ng	99
48) 2-Nitroaniline	9.469	65	256691	55.219	ng	91
49) Acenaphthylene	9.792	152	1191031	54.203	ng	99
50) Dimethylphthalate	9.651	163	891137	52.777	ng	100
51) 2,6-Dinitrotoluene	9.710	165	194168	53.110	ng	94
52) Acenaphthene	9.963	154	791591	55.689	ng	99
53) 3-Nitroaniline	9.875	138	128233	34.012	ng	95
54) 2,4-Dinitrophenol	9.981	184	170043	109.339	ng	# 1
55) Dibenzofuran	10.134	168	1038826	50.937	ng	99
56) 4-Nitrophenol	10.034	139	300808	103.705	ng	97
57) 2,4-Dinitrotoluene	10.110	165	256418	57.034	ng	98
58) Fluorene	10.475	166	786374	50.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	223414	53.349	ng	97
60) Diethylphthalate	10.351	149	856016	51.633	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	405285	51.665	ng	97
62) 4-Nitroaniline	10.492	138	186131	52.272	ng	95
63) Azobenzene	10.628	77	949473	54.021	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	123475	67.159	ng	94
66) n-Nitrosodiphenylamine	10.586	169	725635	53.789	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	258439	55.657	ng	97
68) Hexachlorobenzene	11.022	284	281314	53.868	ng	97
69) Atrazine	11.110	200	239754	65.607	ng	99
70) Pentachlorophenol	11.216	266	299684	94.554	ng	99
71) Phenanthrene	11.439	178	1105042	51.902	ng	100
72) Anthracene	11.492	178	1124220	54.119	ng	99
73) Carbazole	11.645	167	927677	48.017	ng	99
74) Di-n-butylphthalate	11.975	149	1227353	54.987	ng	100
75) Fluoranthene	12.628	202	986151	45.817	ng	99
77) Benzidine	12.745	184	285122	74.341	ng	99
78) Pyrene	12.857	202	962523	47.144	ng	100
80) Butylbenzylphthalate	13.475	149	372387	60.838	ng	97
81) Benzo(a)anthracene	14.039	228	810278	53.366	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	165178	37.312	ng	100
83) Chrysene	14.080	228	705708	50.692	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	475991	69.312	ng	100
85) Di-n-octyl phthalate	14.645	149	805210	64.464	ng	96
87) Indeno(1,2,3-cd)pyrene	17.027	276	1044523	52.642	ng	98
88) Benzo(b)fluoranthene	15.098	252	880827	46.882	ng	100
89) Benzo(k)fluoranthene	15.127	252	864790	53.372	ng	99
90) Benzo(a)pyrene	15.468	252	864313	55.909	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	866590	52.354	ng	98
92) Benzo(g,h,i)perylene	17.480	276	745658	45.099	ng	99

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

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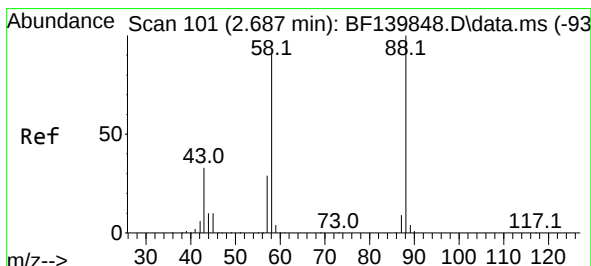
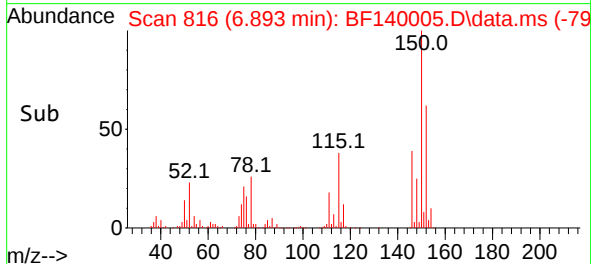
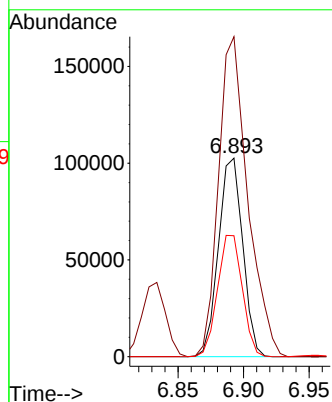
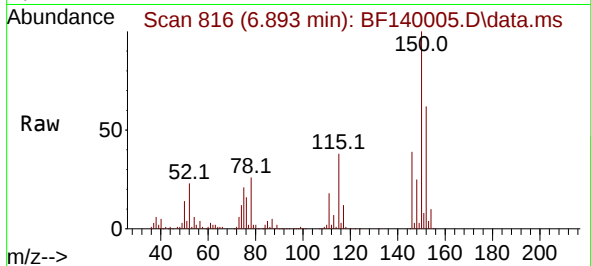




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

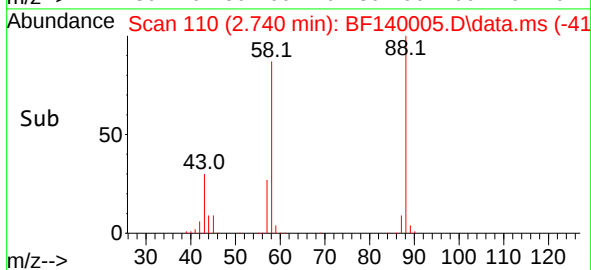
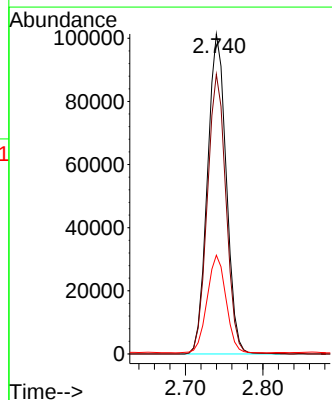
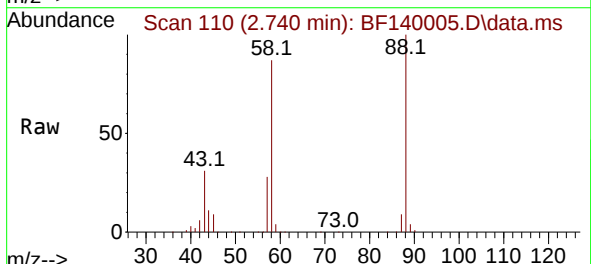
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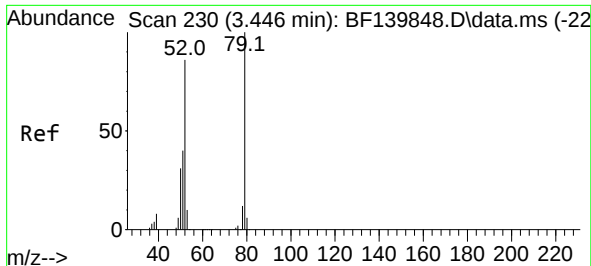
Tgt Ion:152 Resp: 131947
Ion Ratio Lower Upper
152 100
150 161.1 130.2 195.2
115 60.9 51.4 77.2



#2
1,4-Dioxane
Concen: 43.433 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion: 88 Resp: 170681
Ion Ratio Lower Upper
88 100
58 86.9 73.3 109.9
43 30.5 27.1 40.7





#3

Pyridine

Concen: 44.897 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

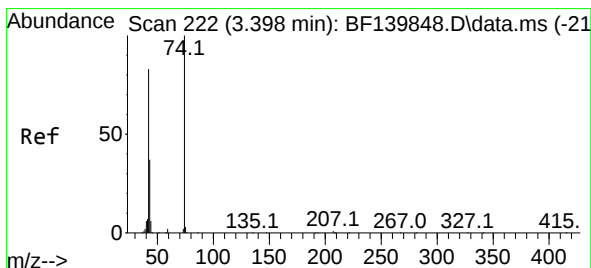
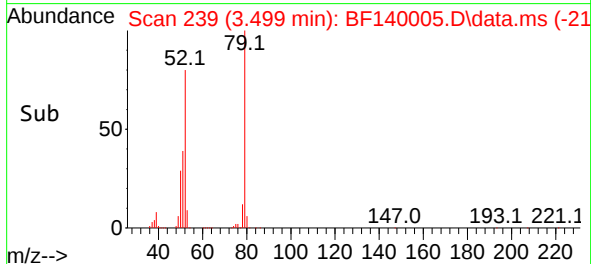
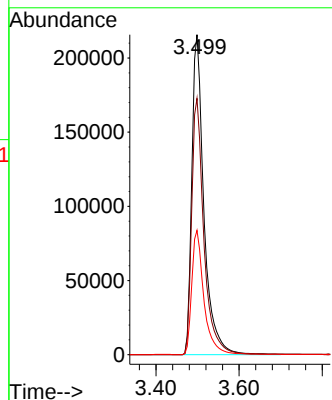
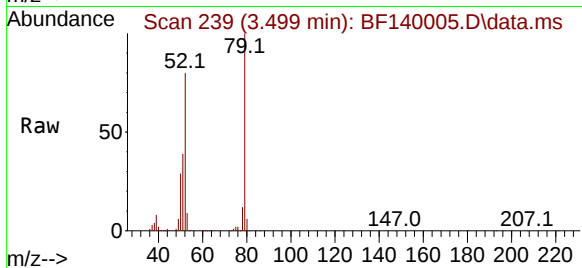
Tgt Ion: 79 Resp: 437331

Ion Ratio Lower Upper

79 100

52 80.1 68.5 102.7

51 38.9 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 44.315 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.053 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

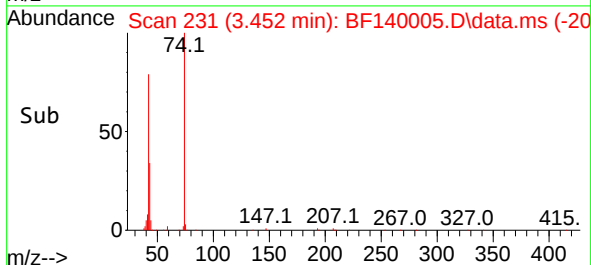
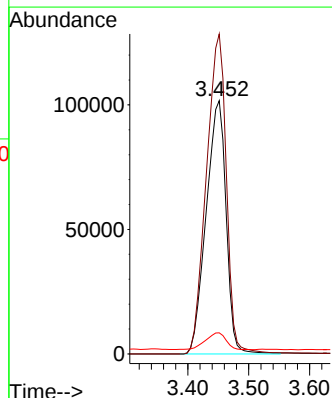
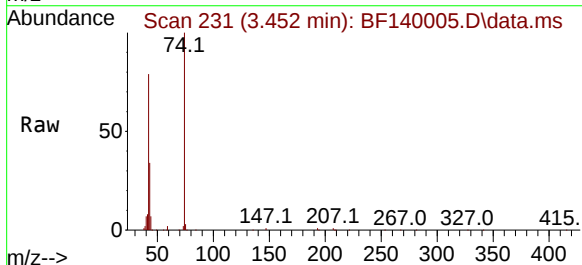
Tgt Ion: 42 Resp: 231921

Ion Ratio Lower Upper

42 100

74 126.3 96.2 144.4

44 8.4 6.2 9.2

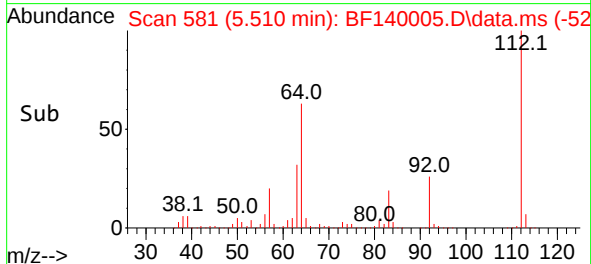
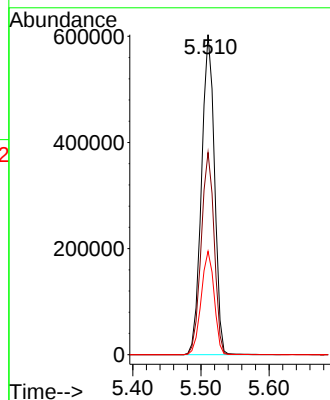
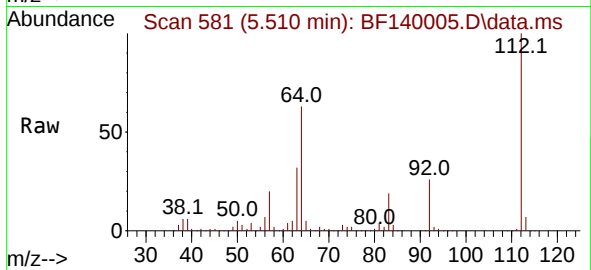




#5
2-Fluorophenol
Concen: 94.877 ng
RT: 5.510 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

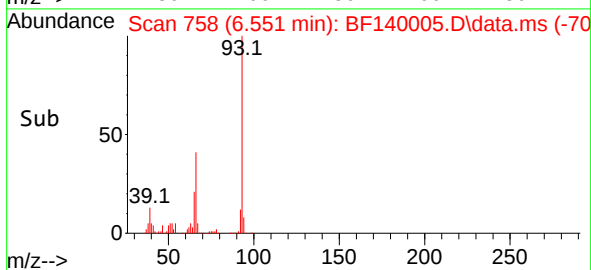
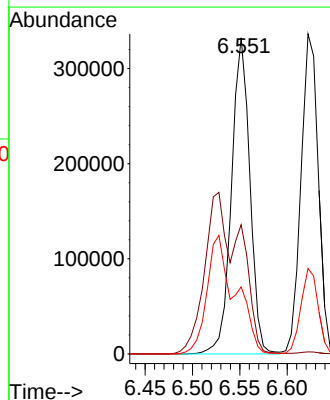
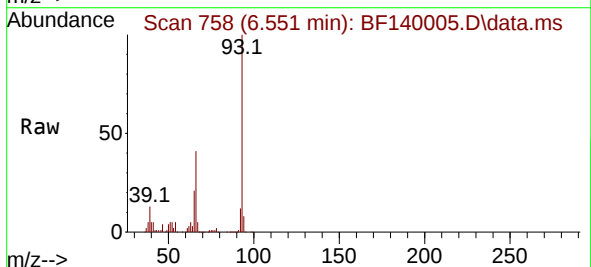
Instrument :
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Tgt Ion:112 Resp: 799674
Ion Ratio Lower Upper
112 100
64 63.2 53.0 79.6
63 32.3 27.0 40.4



#6
Aniline
Concen: 44.139 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion: 93 Resp: 449056
Ion Ratio Lower Upper
93 100
66 40.9 34.0 51.0
65 21.2 17.4 26.0

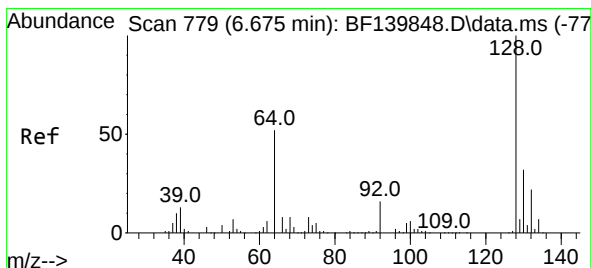
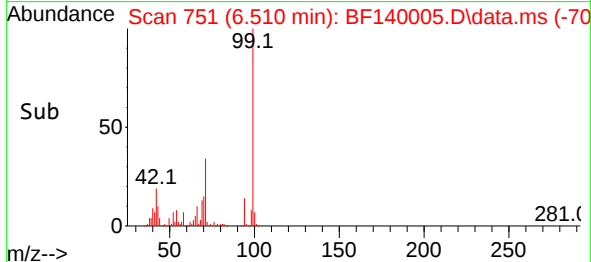
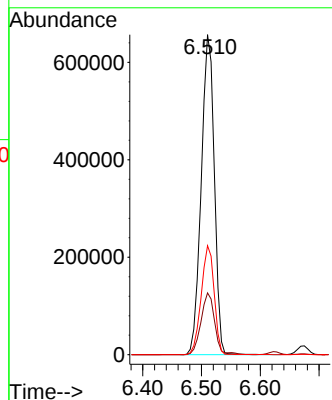
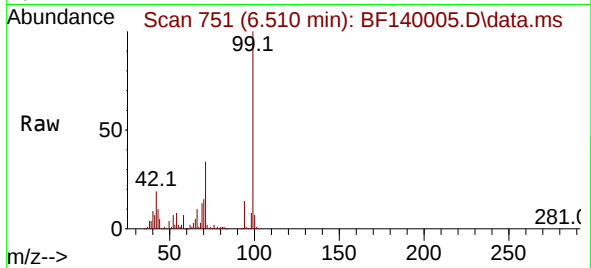




#7
Phenol-d6
Concen: 92.732 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

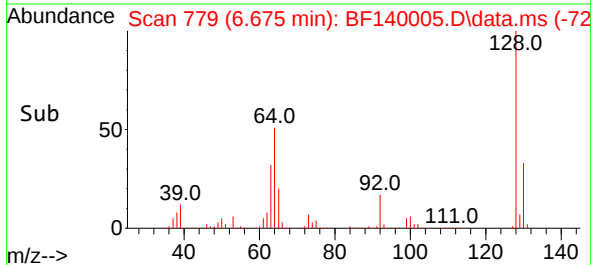
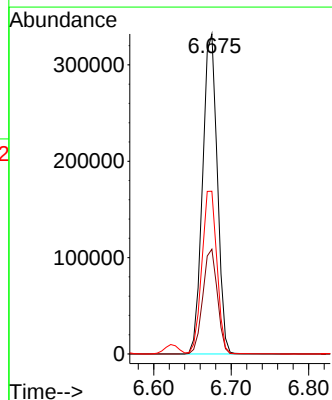
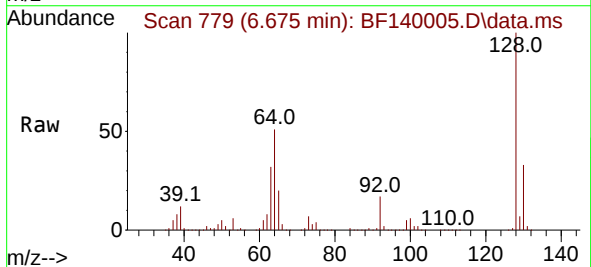
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 99 Resp: 1012285
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 34.0 27.7 41.5



#8
2-Chlorophenol
Concen: 50.776 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:128 Resp: 437510
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 50.9 34.6 74.6

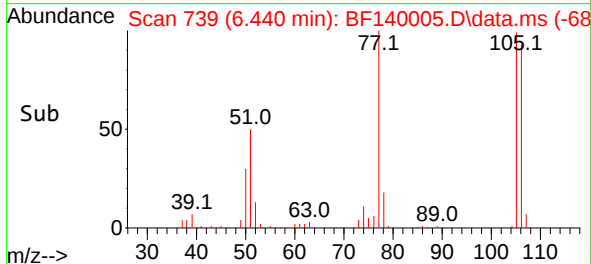
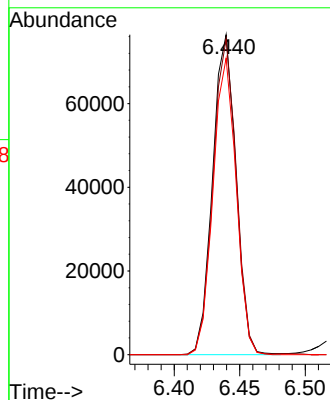
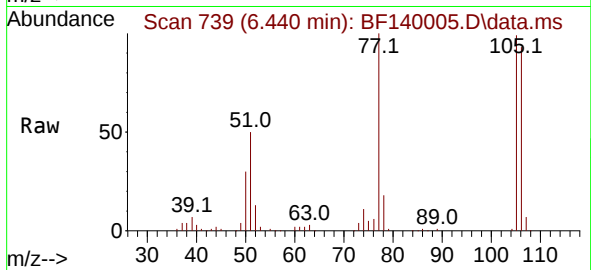




#9
Benzaldehyde
Concen: 15.414 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

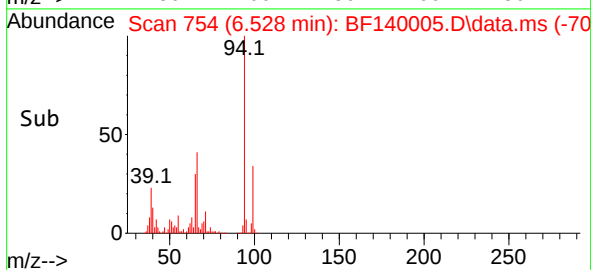
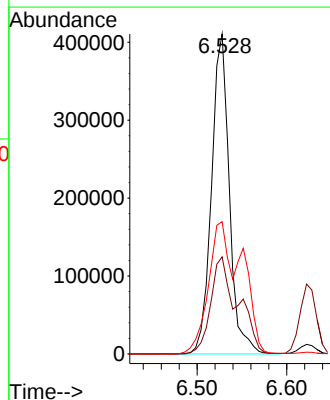
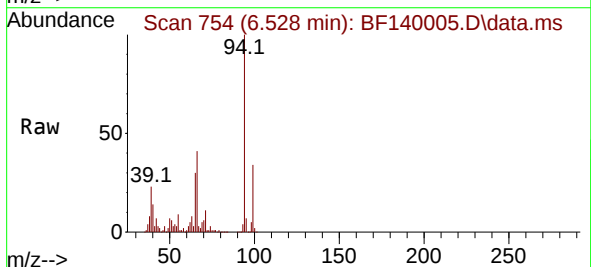
Instrument :
BNA_F
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Tgt Ion:	77	Resp:	94660
Ion	Ratio	Lower	Upper
77	100		
105	98.6	75.5	115.5
106	92.7	71.7	111.7



#10
Phenol
Concen: 50.294 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:	94	Resp:	566012
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.1	51.1
66	41.3	22.7	62.7

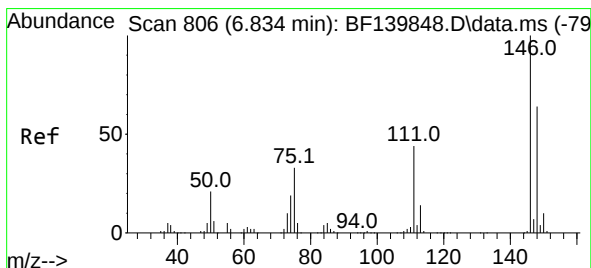
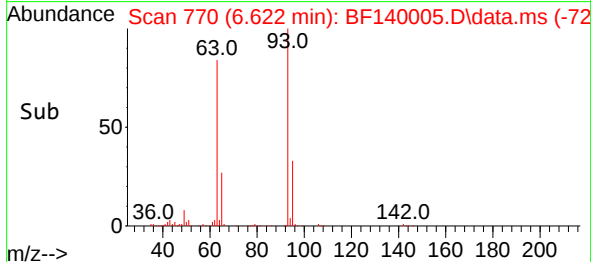
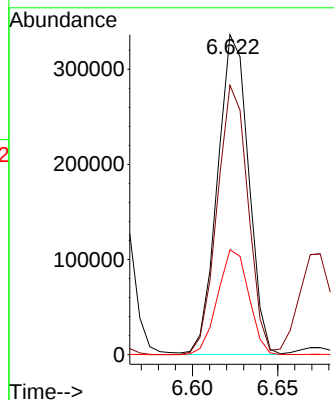
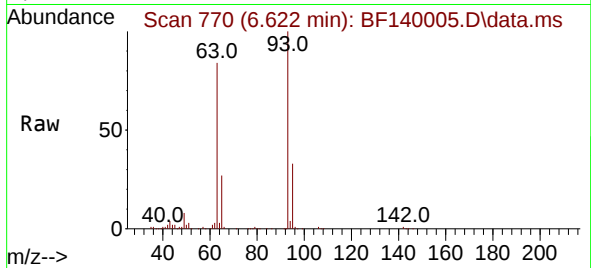




#11
bis(2-Chloroethyl)ether
Concen: 49.070 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

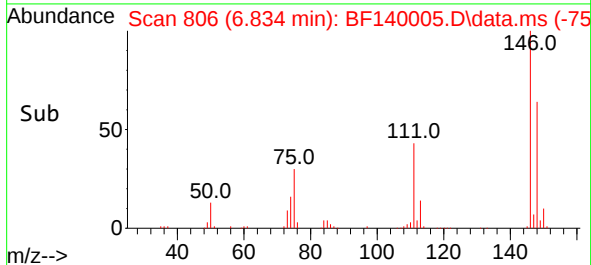
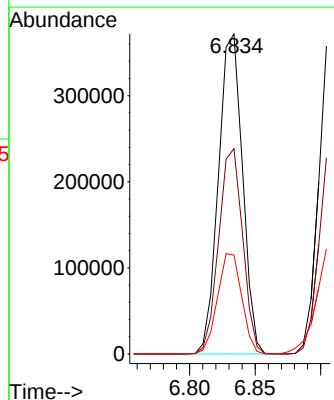
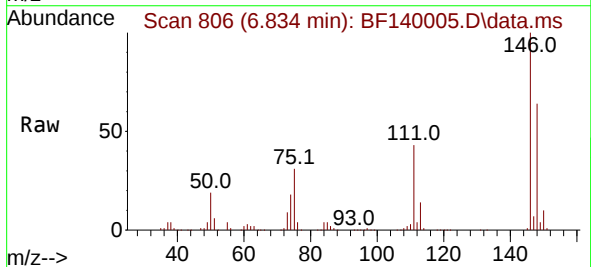
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 93 Resp: 426841
Ion Ratio Lower Upper
93 100
63 84.2 65.0 105.0
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.959 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:146 Resp: 474358
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 30.9 26.4 39.6

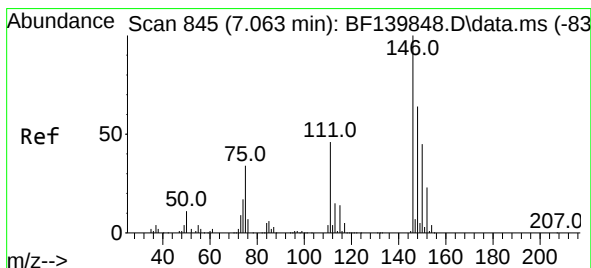
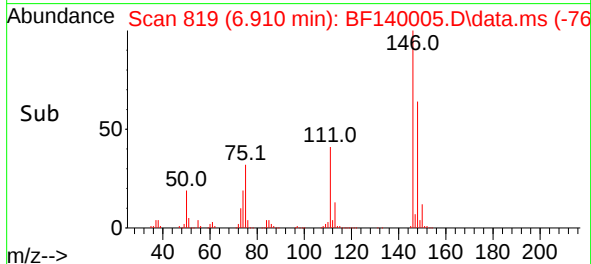
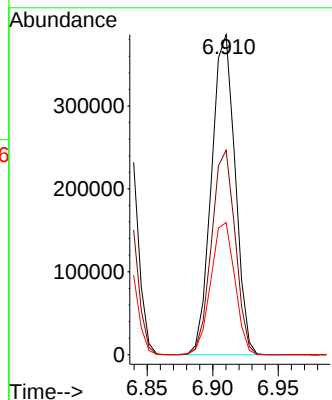
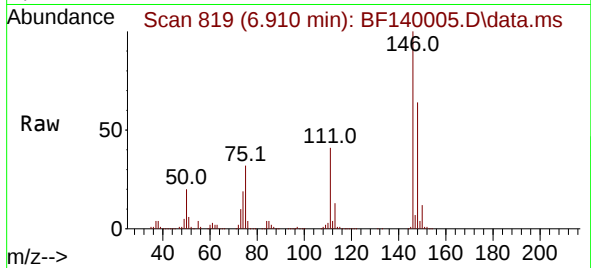




#13
1,4-Dichlorobenzene
Concen: 49.037 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

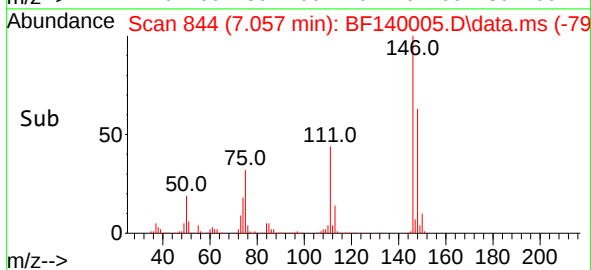
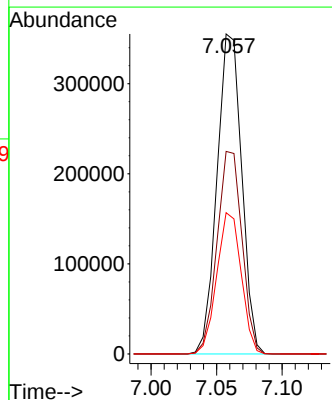
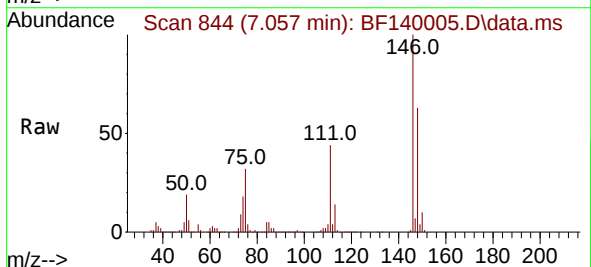
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

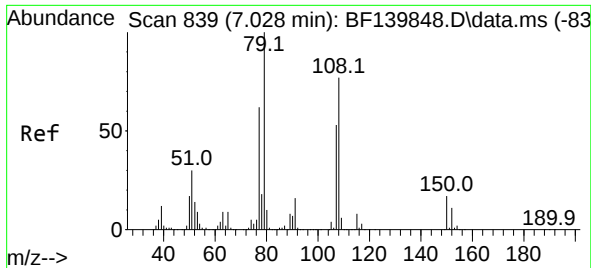
Tgt Ion:146 Resp: 484574
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 41.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.490 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:146 Resp: 465650
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 44.1 36.7 55.1

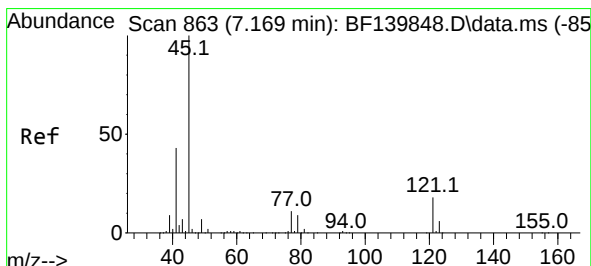
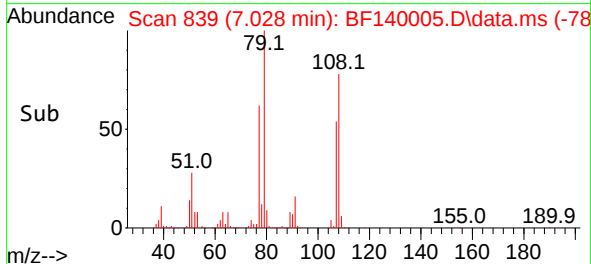
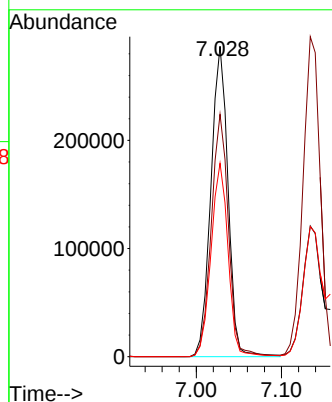
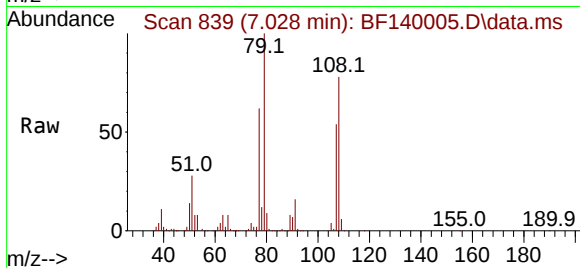




#15
Benzyl Alcohol
Concen: 50.096 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

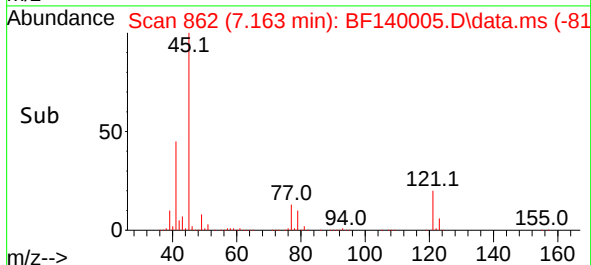
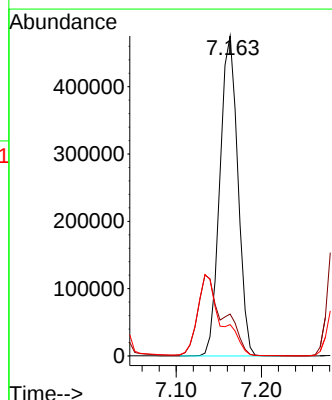
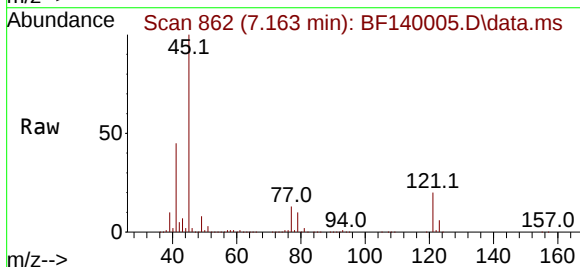
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 79 Resp: 401147
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.821 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion: 45 Resp: 694463
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1



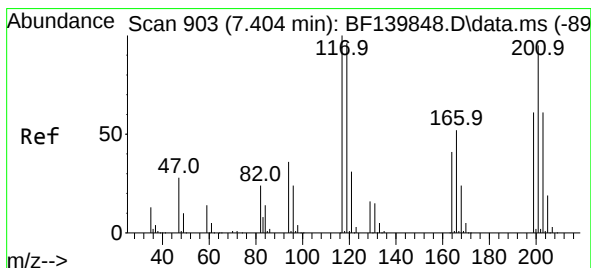
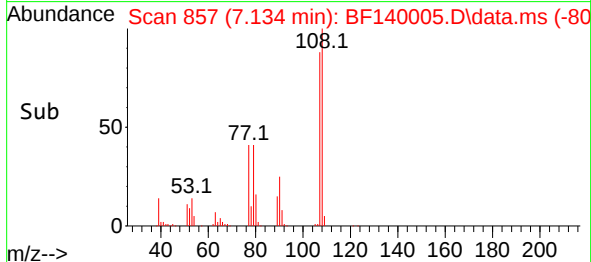
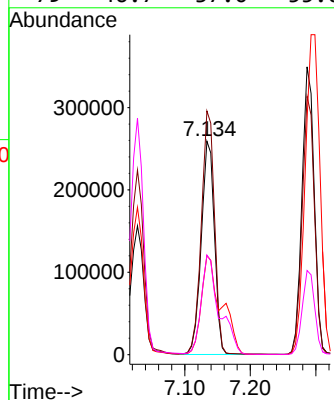
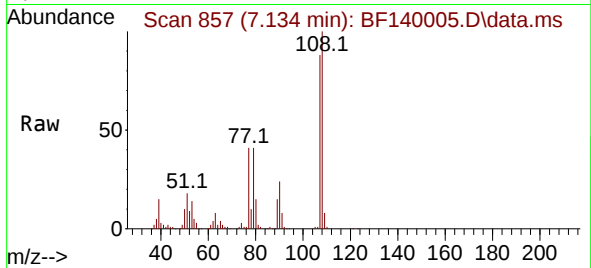


#17
2-Methylphenol
Concen: 49.460 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:107 Resp: 363394

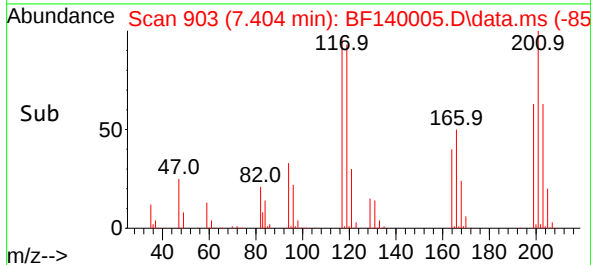
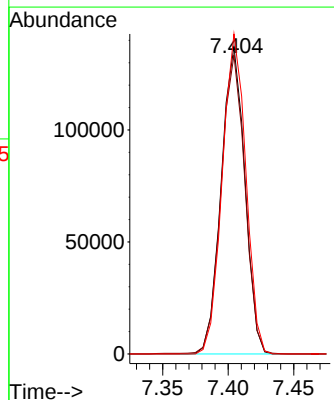
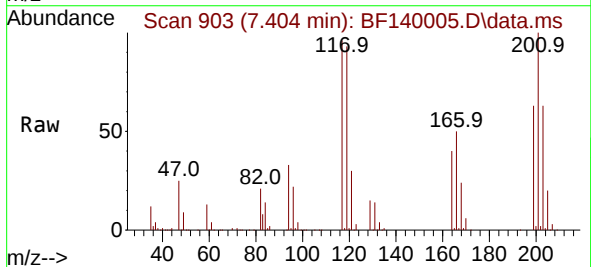
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.3	136.9
77	46.4	37.1	55.7
79	46.7	37.0	55.6

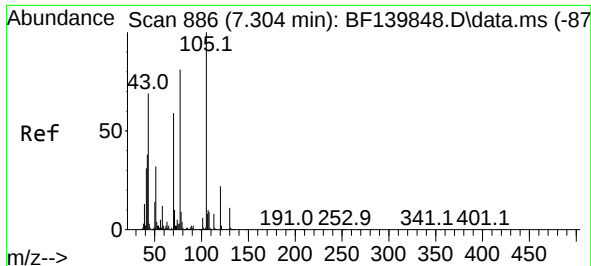


#18
Hexachloroethane
Concen: 48.787 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:117 Resp: 171917

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
201	104.1	76.2	114.4



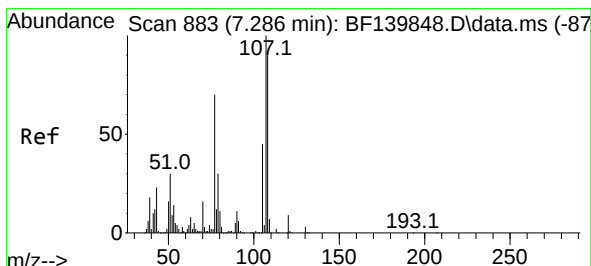
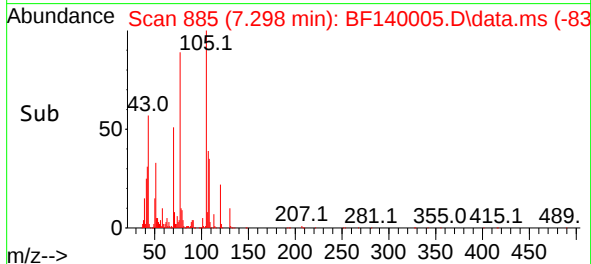
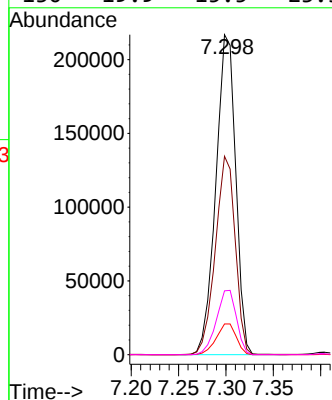
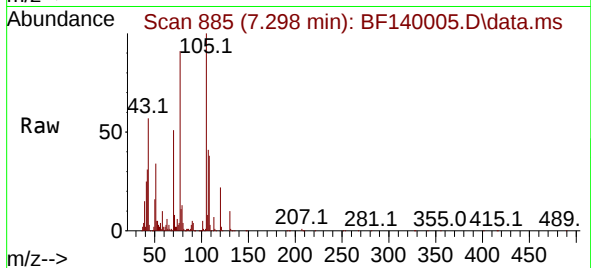


#19
n-Nitroso-di-n-propylamine
Concen: 47.831 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 70 Resp: 316676

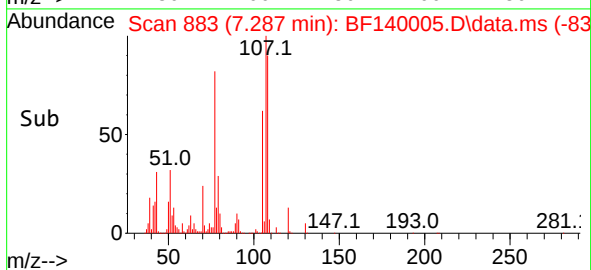
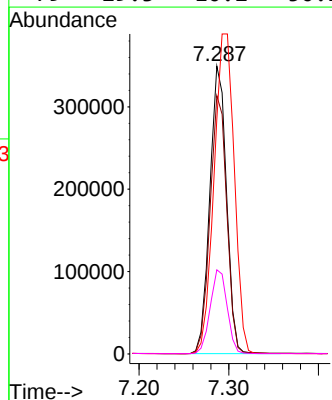
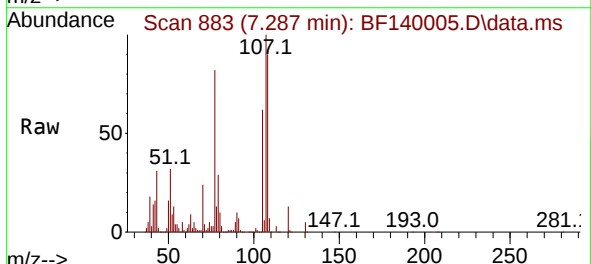
Ion	Ratio	Lower	Upper
70	100		
42	62.0	51.5	77.3
101	9.6	7.5	11.3
130	19.9	15.5	23.3



#20
3+4-Methylphenols
Concen: 48.091 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion: 107 Resp: 451943

Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.8	109.8
77	81.7	50.5	90.5
79	29.3	10.2	50.2



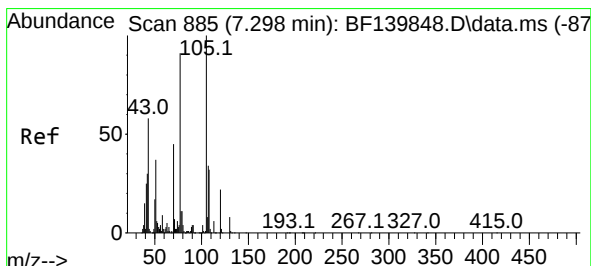
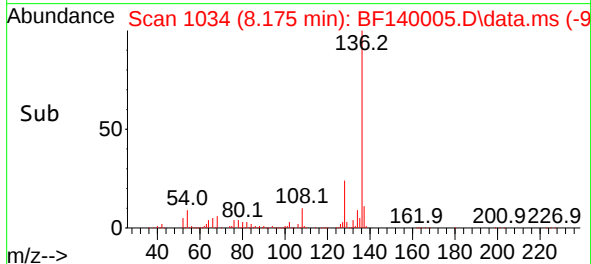
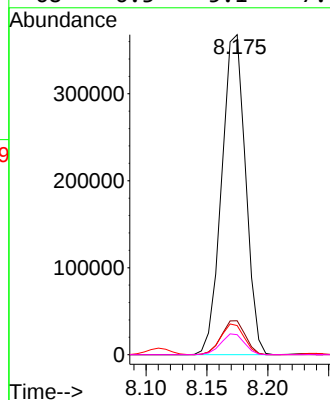
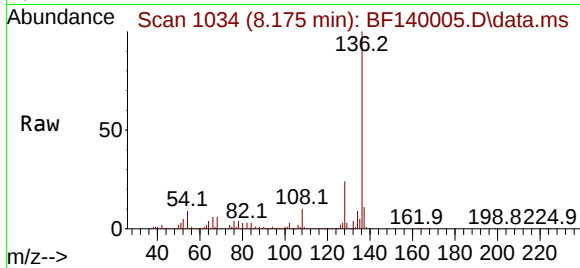


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:136 Resp: 501368

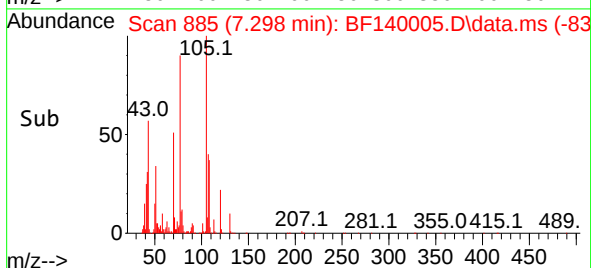
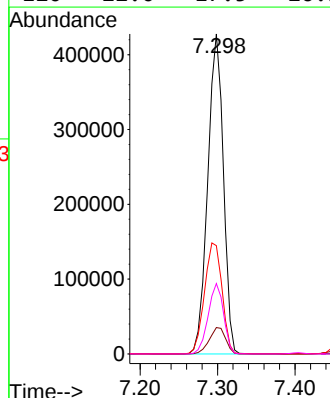
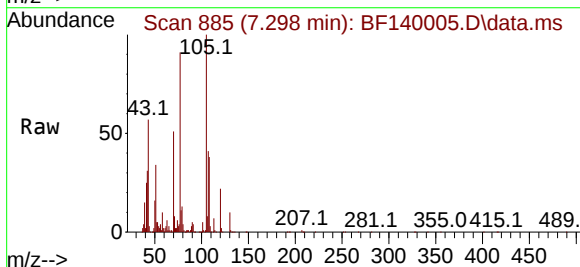
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.1	8.4	12.6
68	6.3	5.1	7.7

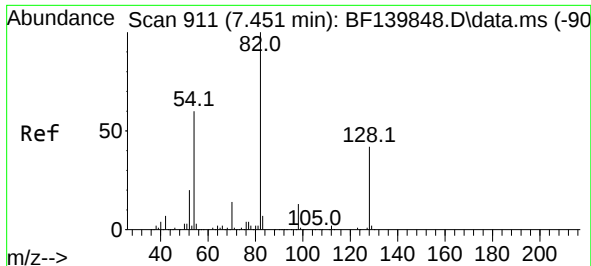


#22
Acetophenone
Concen: 48.773 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:105 Resp: 598941

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	33.8	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 70.600 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

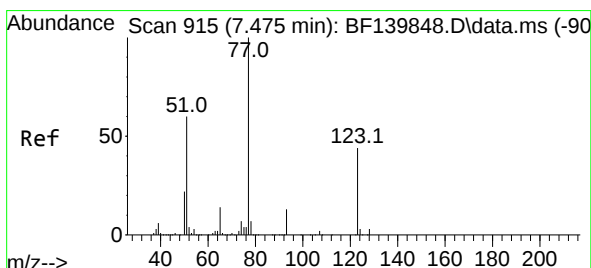
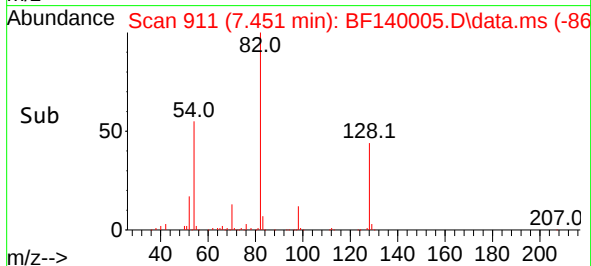
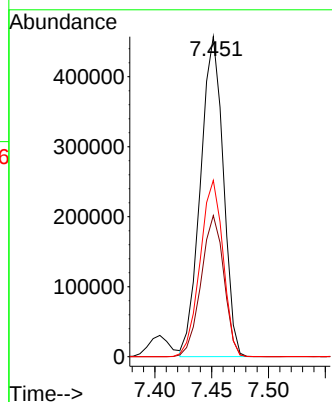
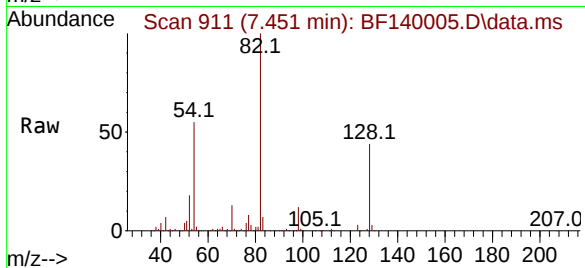
Tgt Ion: 82 Resp: 638656

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.0

54 55.1 47.8 71.8



#24

Nitrobenzene

Concen: 48.031 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

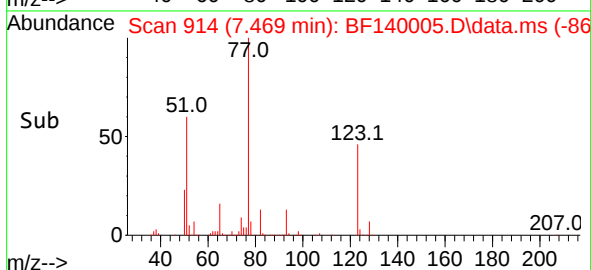
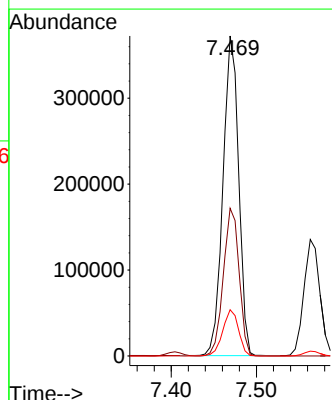
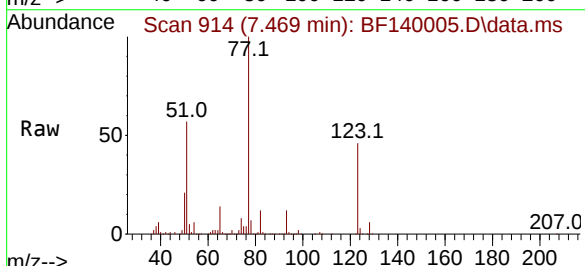
Tgt Ion: 77 Resp: 476377

Ion Ratio Lower Upper

77 100

123 46.2 35.7 53.5

65 14.5 11.5 17.3

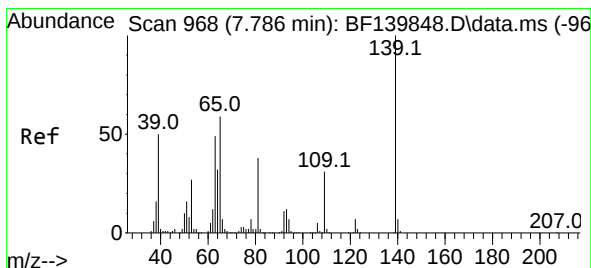
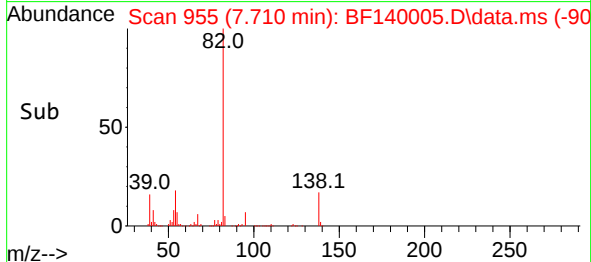
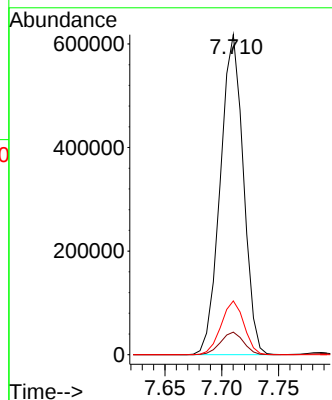
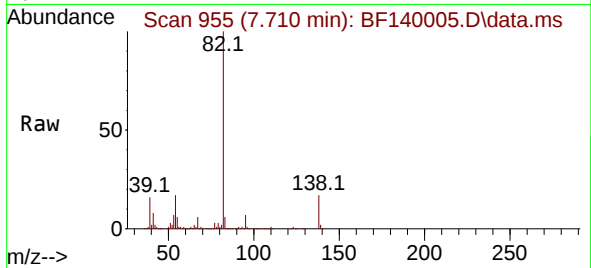




#25
Isophorone
Concen: 50.807 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

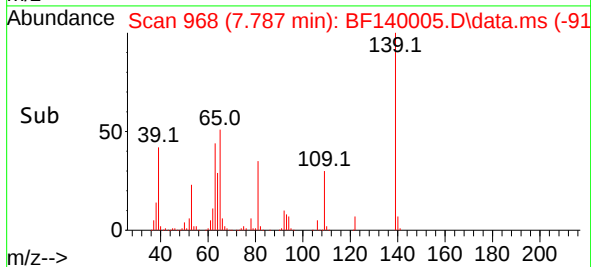
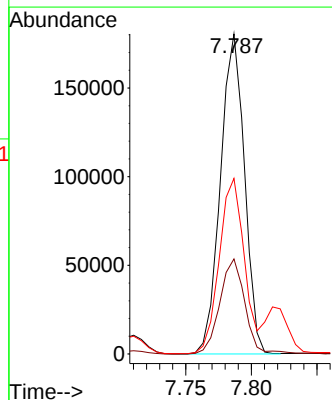
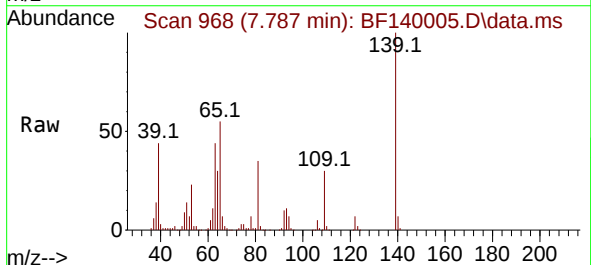
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 82 Resp: 872334
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 61.385 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

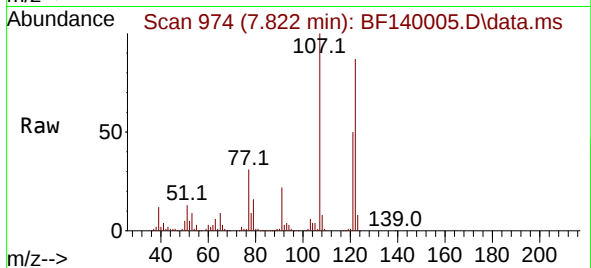
Tgt Ion:139 Resp: 229681
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 54.8 47.5 71.3



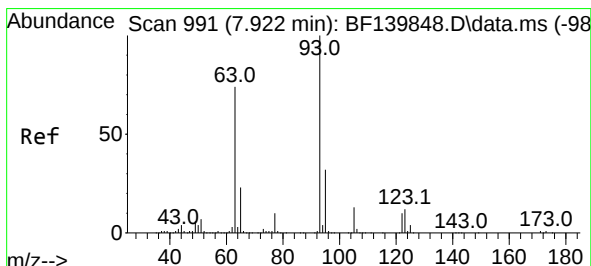
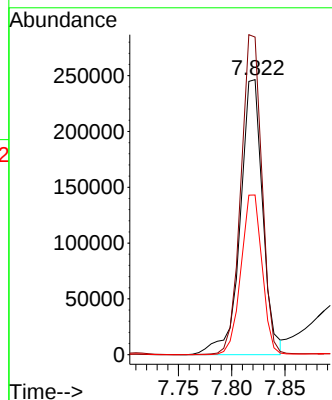
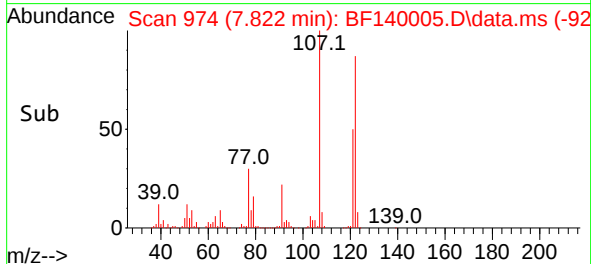


#27
2,4-Dimethylphenol
Concen: 57.953 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

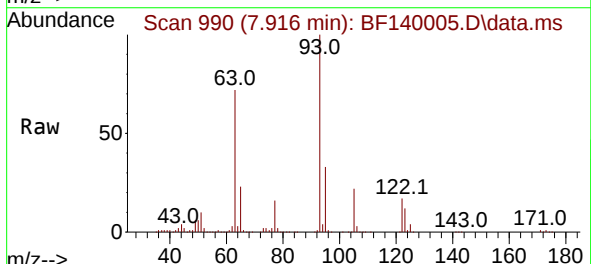
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



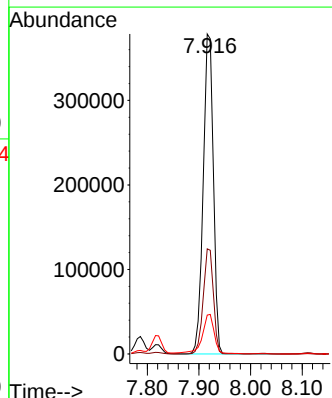
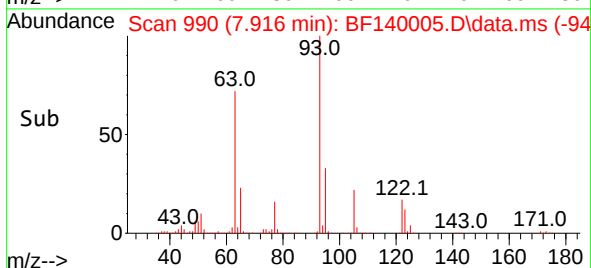
Tgt Ion:122 Resp: 361571
Ion Ratio Lower Upper
122 100
107 115.5 91.9 137.9
121 58.1 46.2 69.4

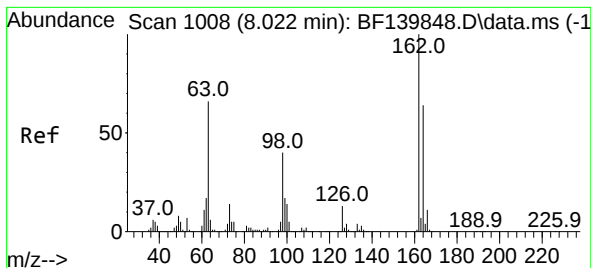


#28
bis(2-Chloroethoxy)methane
Concen: 49.892 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17



Tgt Ion: 93 Resp: 518995
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.879 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

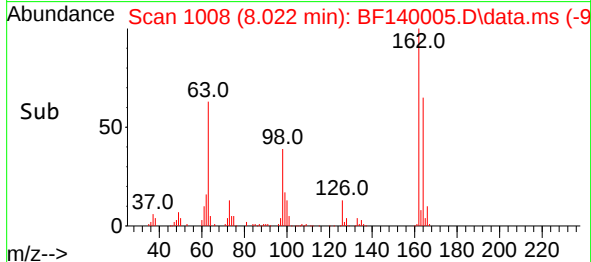
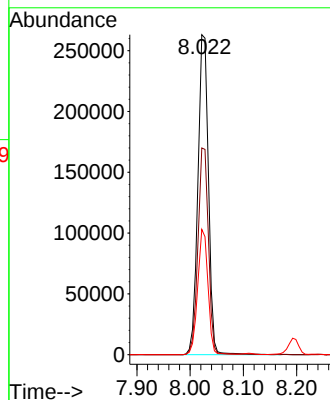
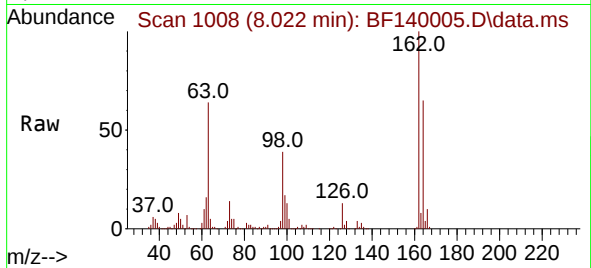
Tgt Ion:162 Resp: 361564

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 39.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.007 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

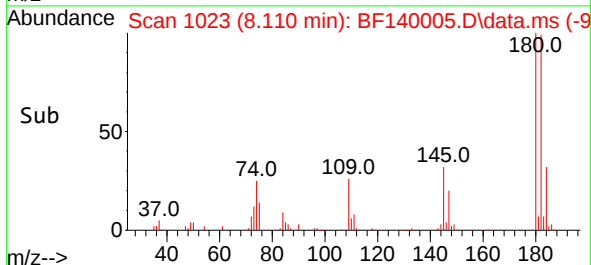
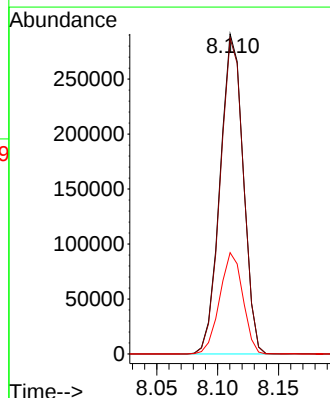
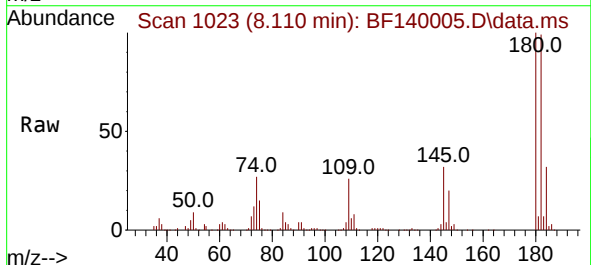
Tgt Ion:180 Resp: 385361

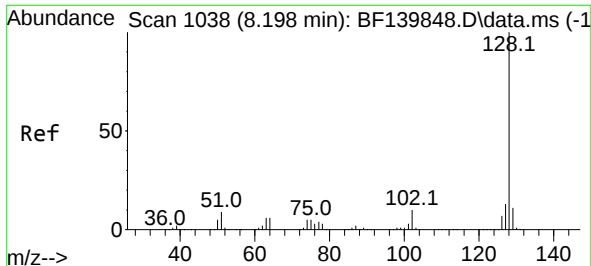
Ion Ratio Lower Upper

180 100

182 98.7 80.5 120.7

145 31.7 25.4 38.0

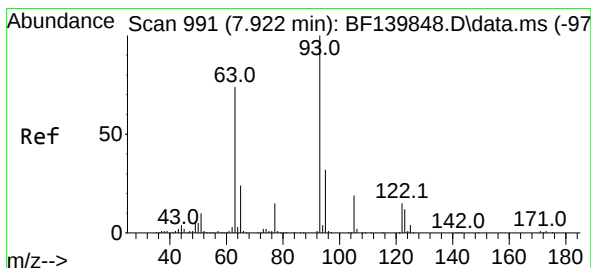
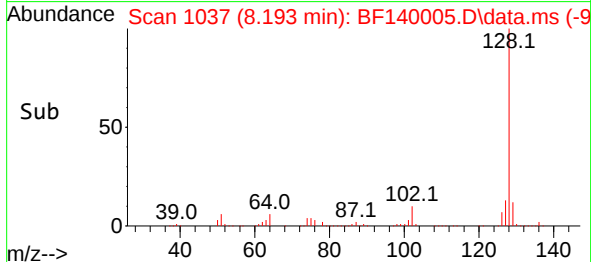
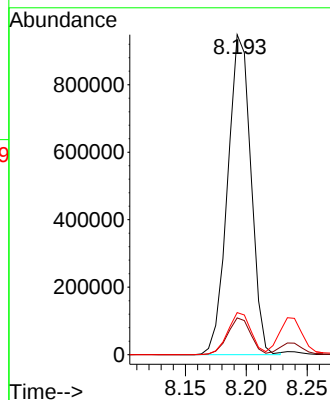
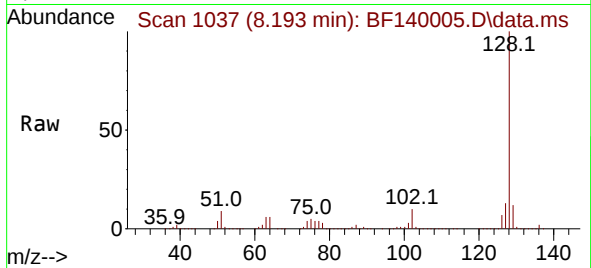




#31
Naphthalene
Concen: 48.826 ng
RT: 8.193 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

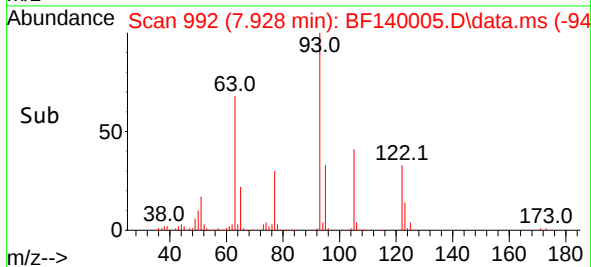
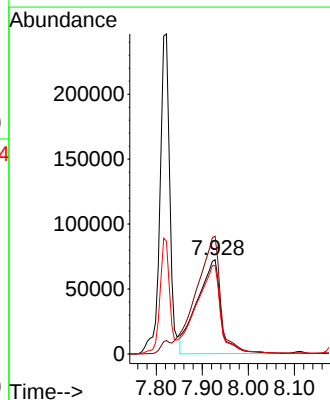
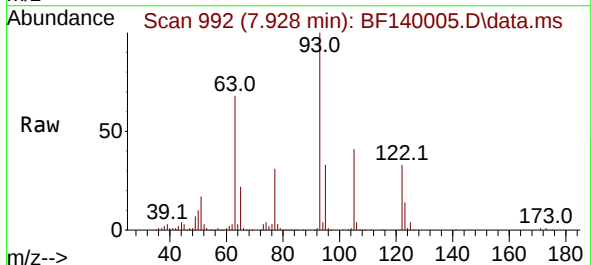
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:128 Resp: 1262514
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 47.536 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:122 Resp: 258670
Ion Ratio Lower Upper
122 100
105 124.9 107.6 147.6
77 93.9 80.2 120.2



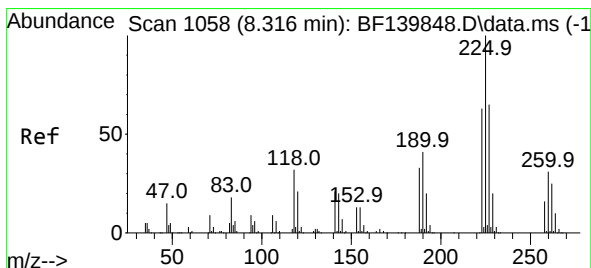
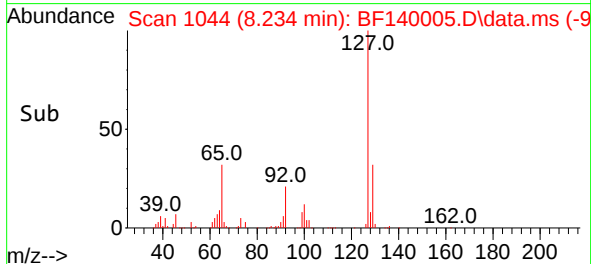
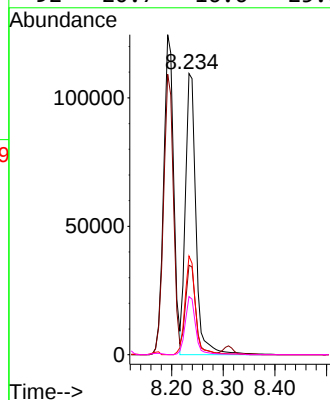
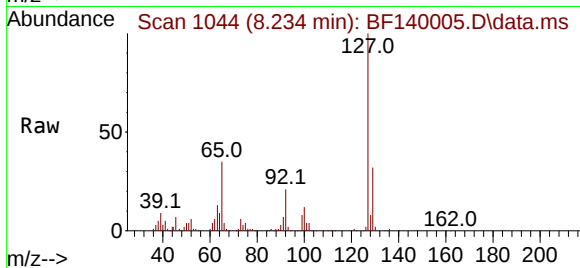


#33
4-Chloroaniline
Concen: 17.645 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:127 Resp: 155580

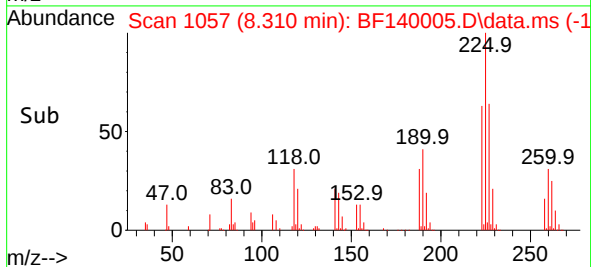
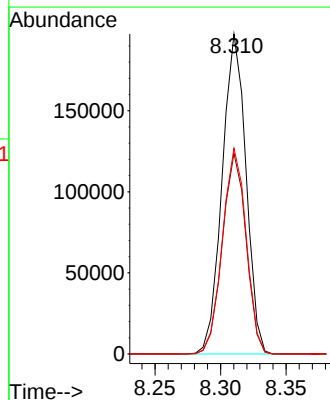
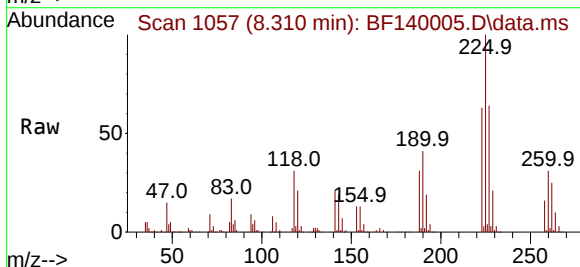
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	35.1	28.4	42.6
92	20.7	16.6	25.0

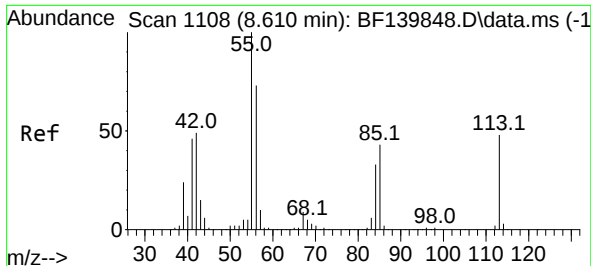


#34
Hexachlorobutadiene
Concen: 50.360 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:225 Resp: 248809

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.3	51.8	77.8

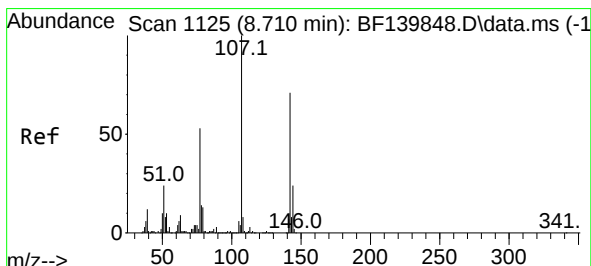
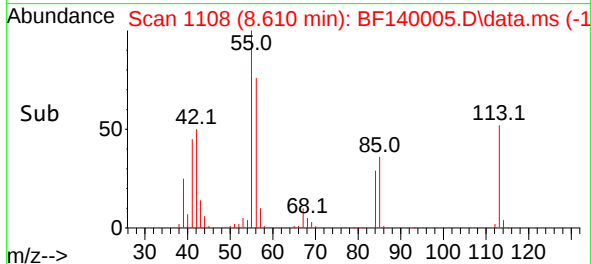
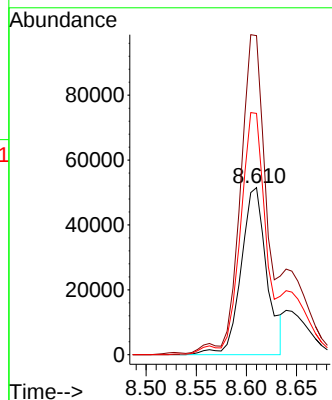
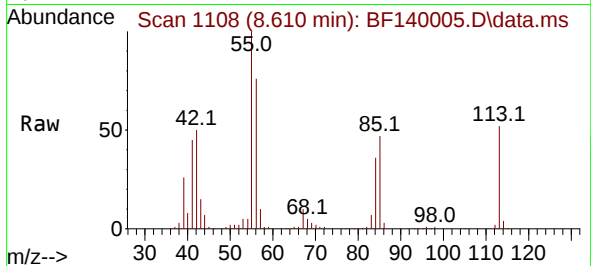




#35
 Caprolactam
 Concen: 40.618 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140005.D
 Acq: 24 Oct 2024 17:17

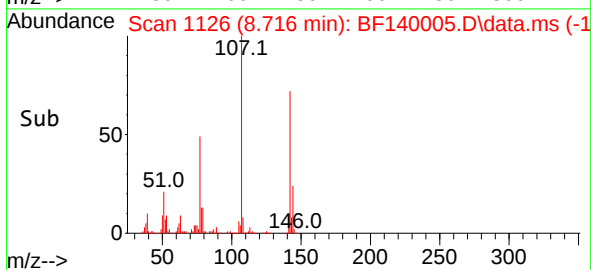
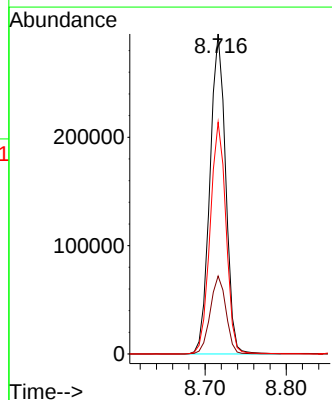
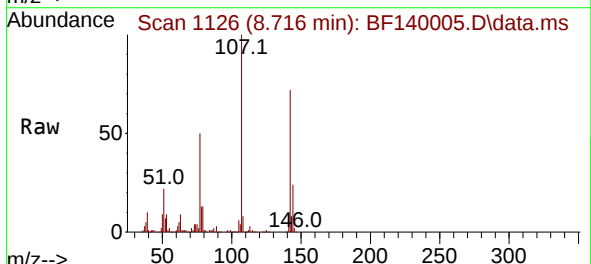
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

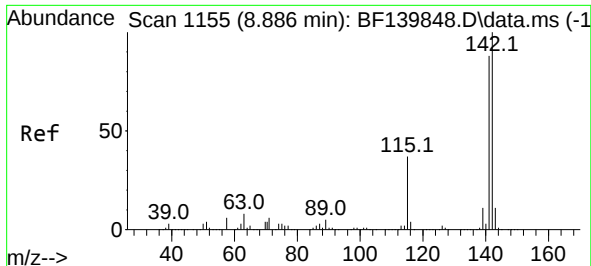
Tgt Ion:113 Resp: 91780
 Ion Ratio Lower Upper
 113 100
 55 191.1 189.2 229.2
 56 144.5 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 50.514 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140005.D
 Acq: 24 Oct 2024 17:17

Tgt Ion:107 Resp: 397485
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.1 28.7
 142 72.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 50.314 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

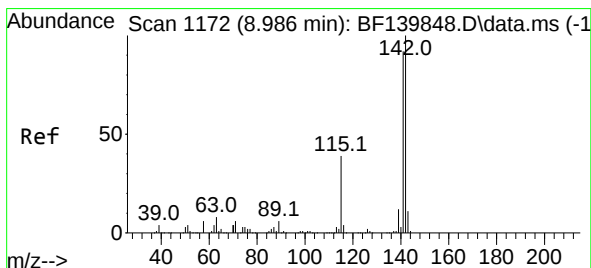
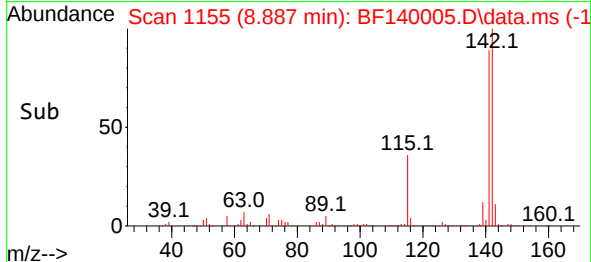
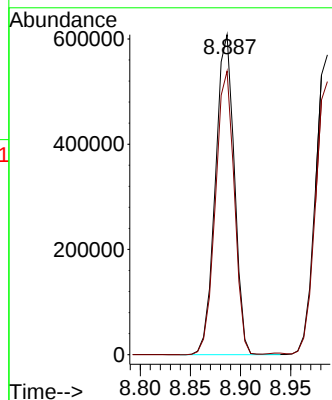
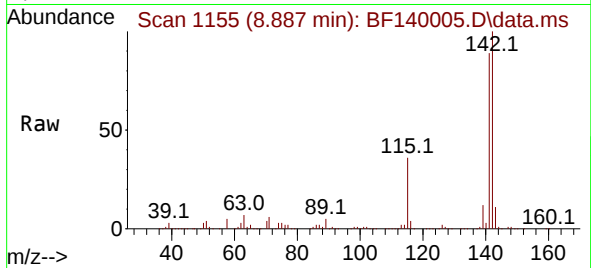
TP-1MSD

Tgt Ion:142 Resp: 796790

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 48.138 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140005.D

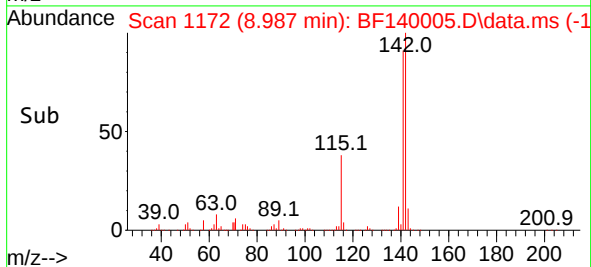
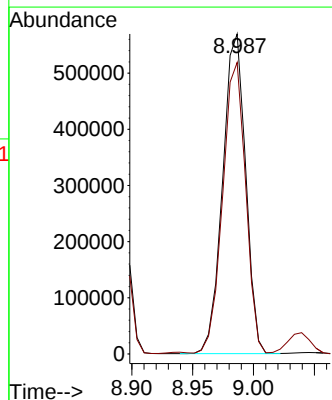
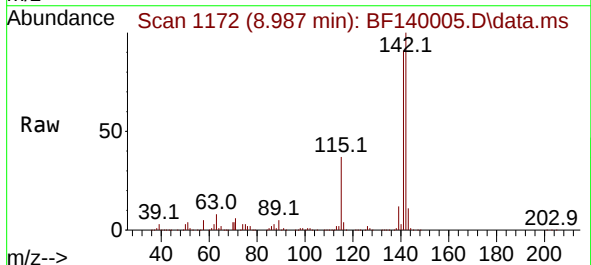
Acq: 24 Oct 2024 17:17

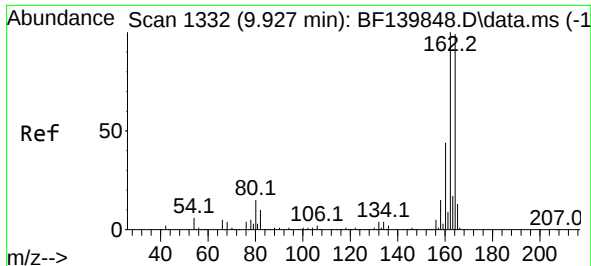
Tgt Ion:142 Resp: 747926

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

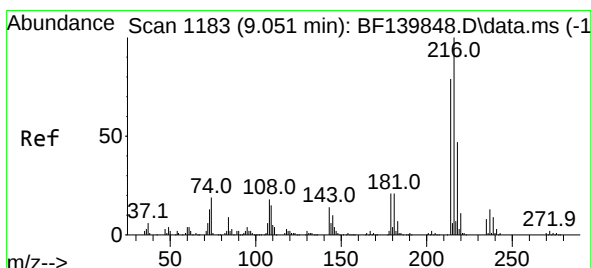
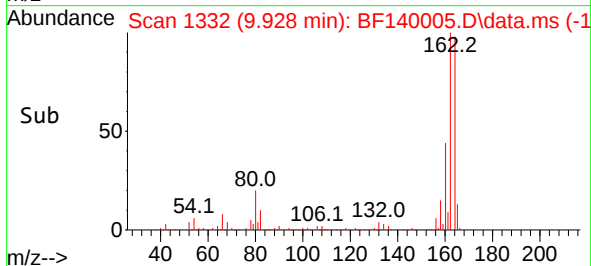
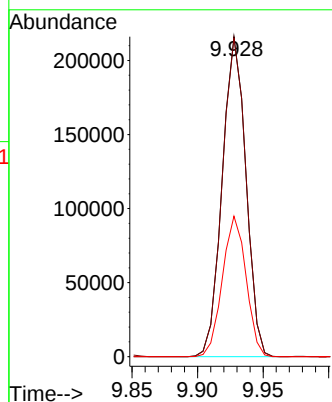
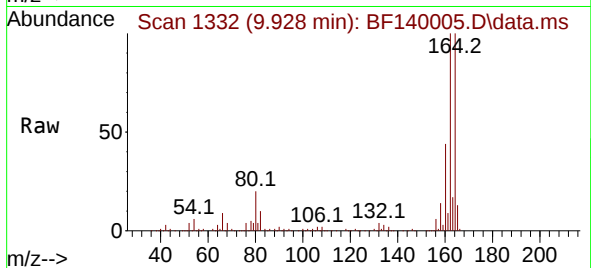
Tgt Ion:164 Resp: 271082

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 43.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.237 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Tgt Ion:216 Resp: 382027

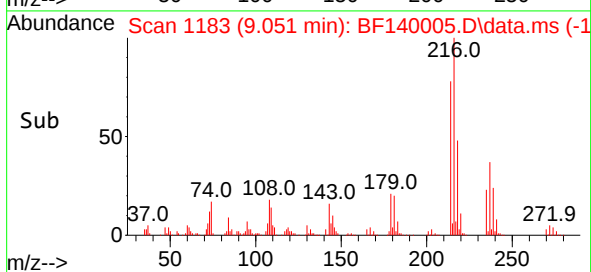
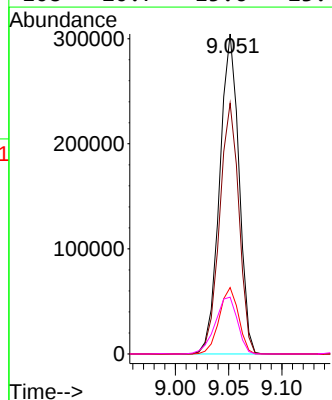
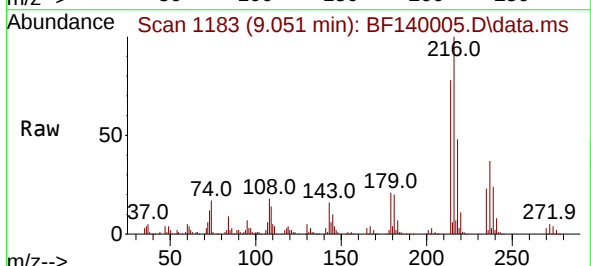
Ion Ratio Lower Upper

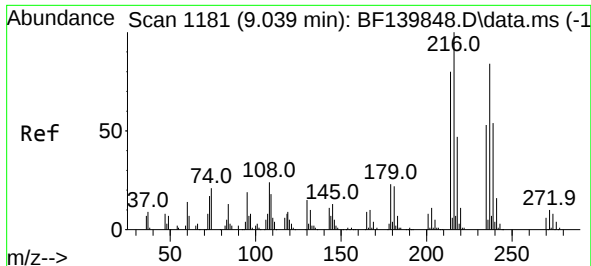
216 100

214 78.5 63.4 95.0

179 20.8 17.2 25.8

108 20.7 15.6 23.4

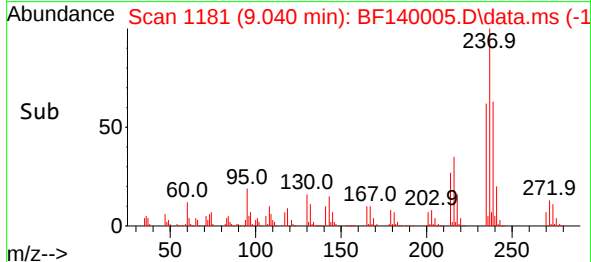
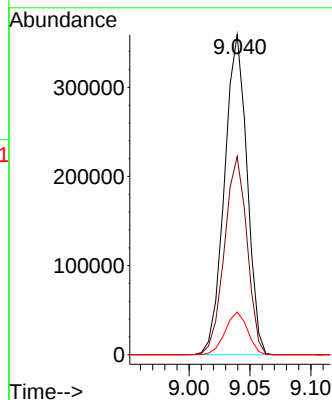
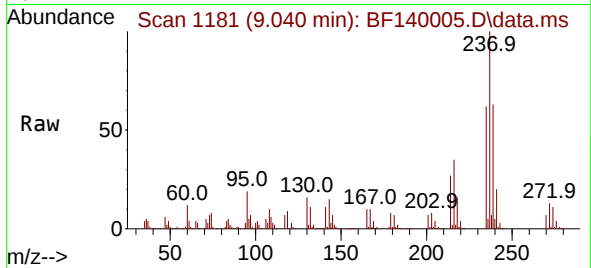




#41
Hexachlorocyclopentadiene
Concen: 181.825 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

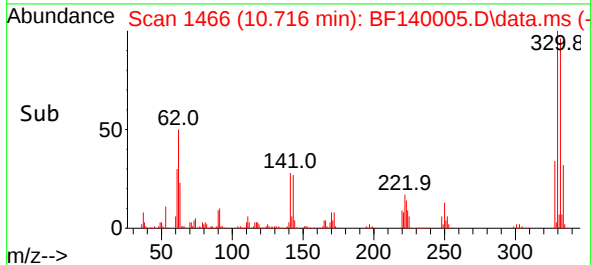
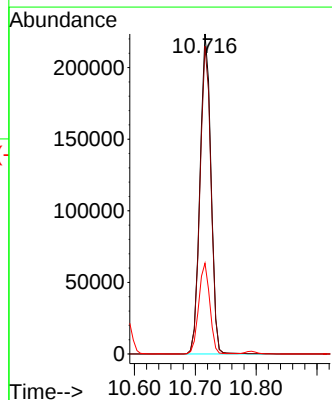
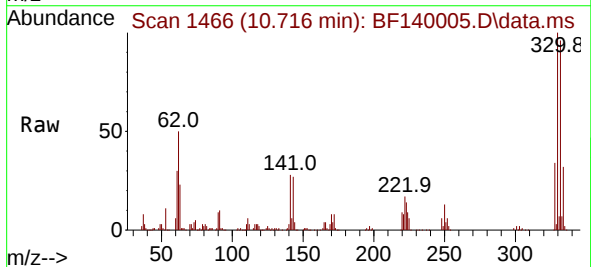
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:237 Resp: 462690
Ion Ratio Lower Upper
237 100
235 61.9 42.9 82.9
272 13.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 110.251 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:330 Resp: 279554
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 28.6 26.6 39.8

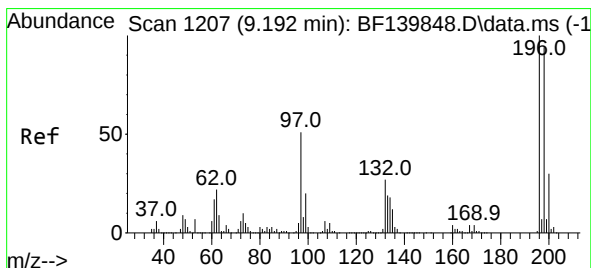
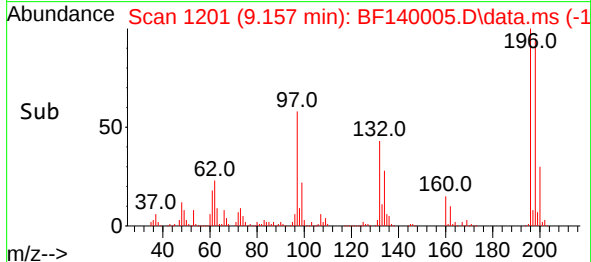
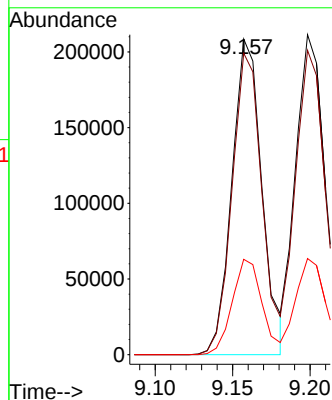
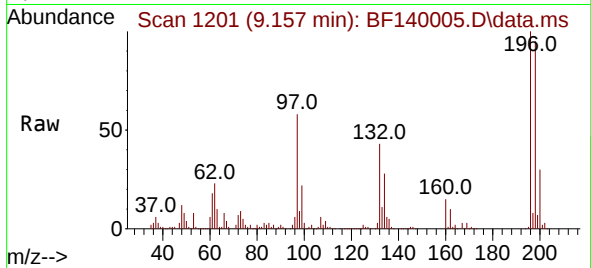




#43
2,4,6-Trichlorophenol
Concen: 54.192 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

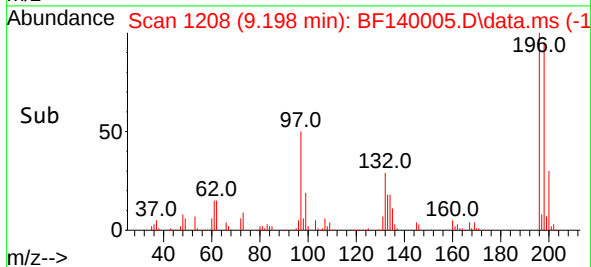
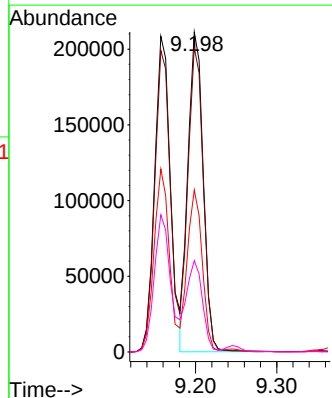
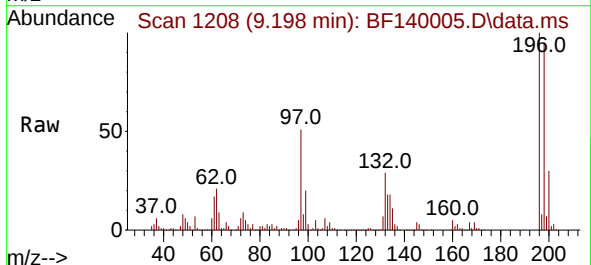
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

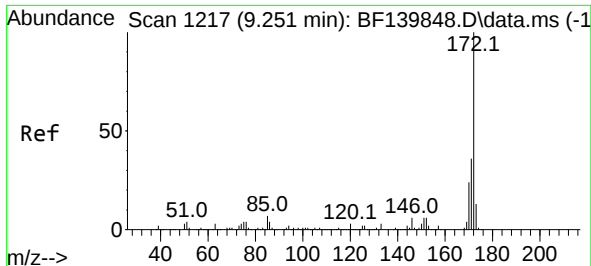
Tgt Ion:196 Resp: 280594
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 30.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 51.817 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:196 Resp: 276809
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.6
97 50.7 41.8 62.6
132 28.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 68.247 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

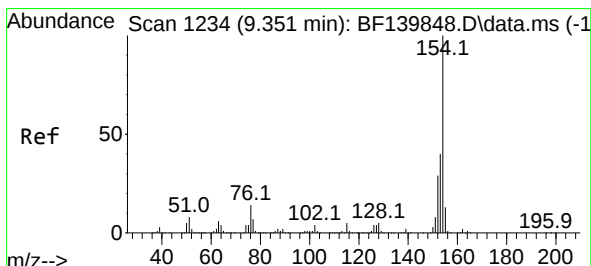
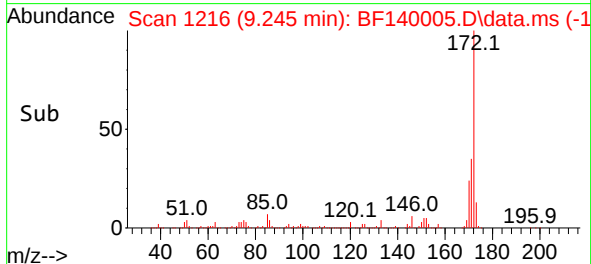
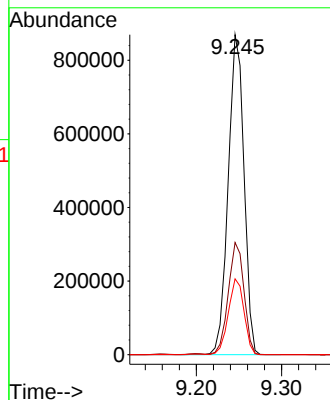
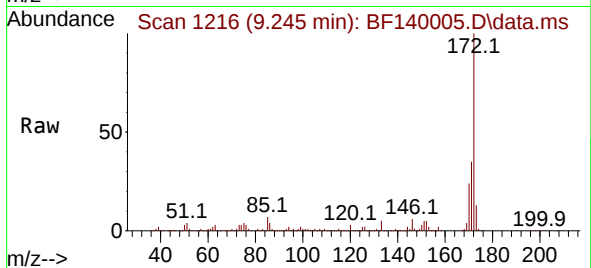
Tgt Ion:172 Resp: 1119419

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.954 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

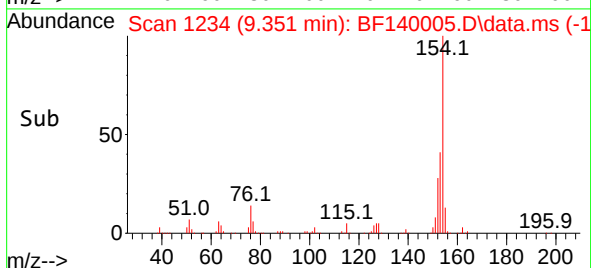
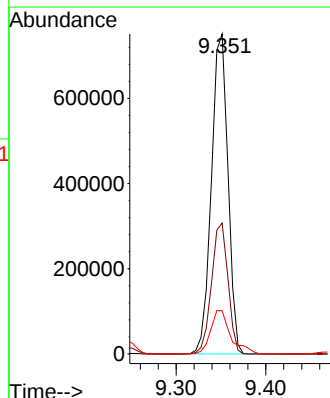
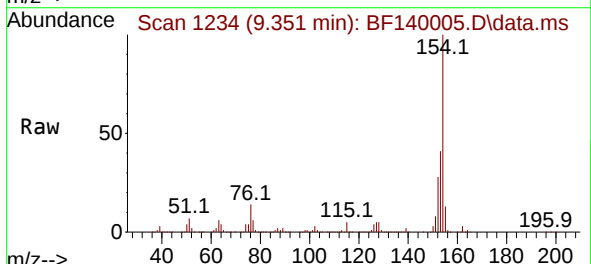
Tgt Ion:154 Resp: 961569

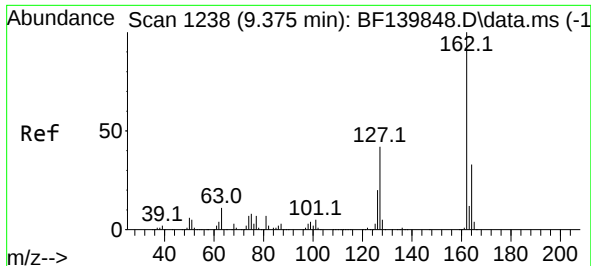
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 50.353 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

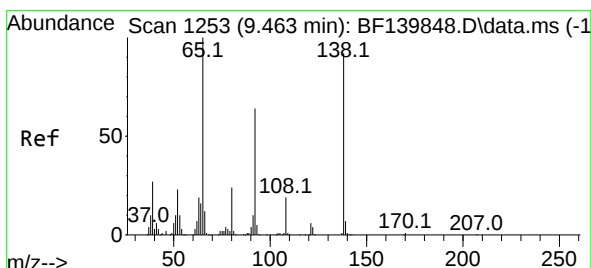
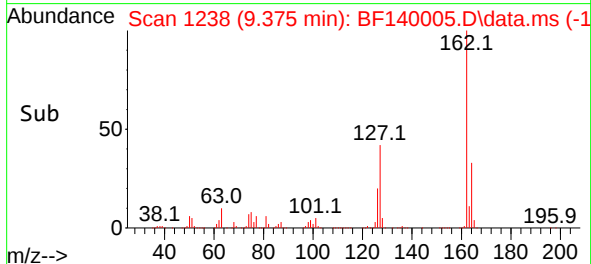
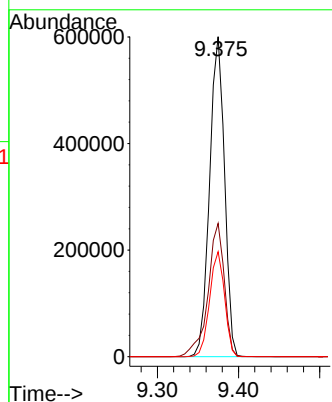
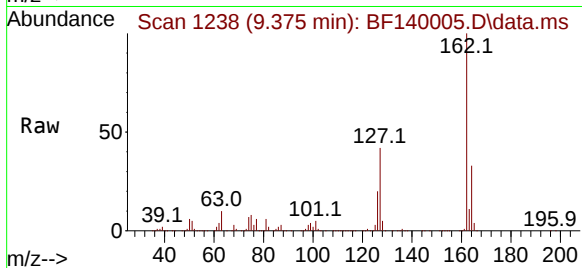
Tgt Ion:162 Resp: 765331

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.6

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 55.219 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

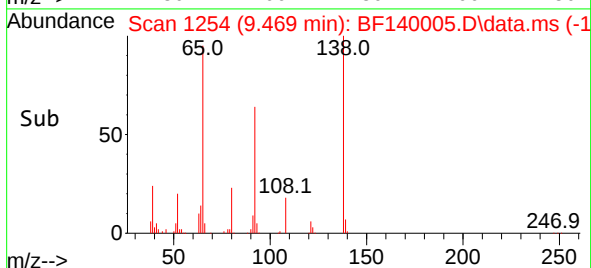
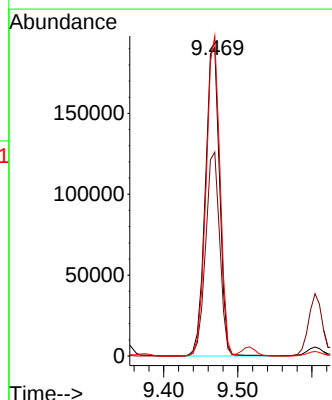
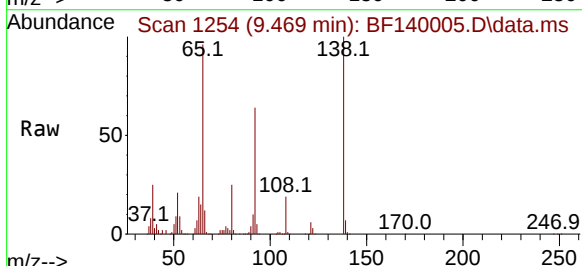
Tgt Ion: 65 Resp: 256691

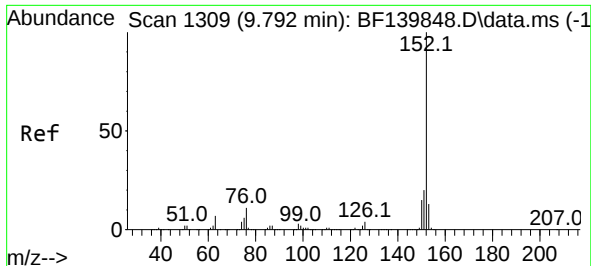
Ion Ratio Lower Upper

65 100

92 66.1 50.9 76.3

138 103.7 73.4 110.0





#49

Acenaphthylene

Concen: 54.203 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

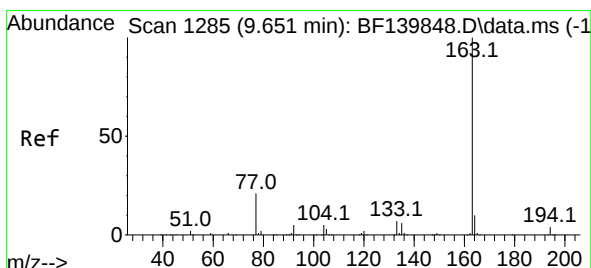
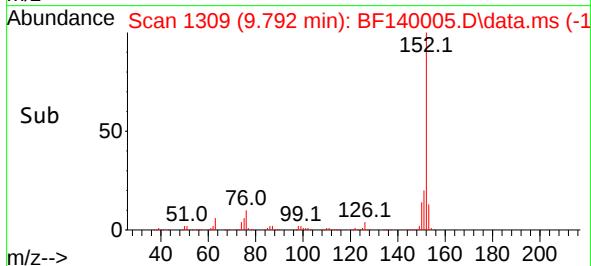
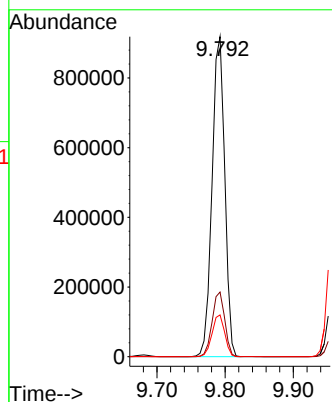
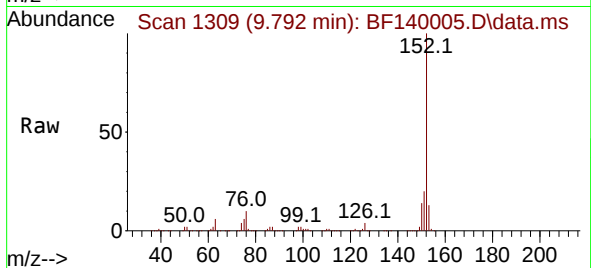
Tgt Ion:152 Resp: 1191031

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 52.777 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

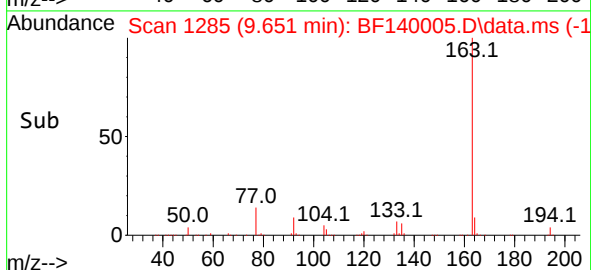
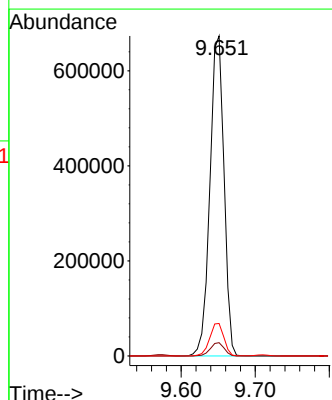
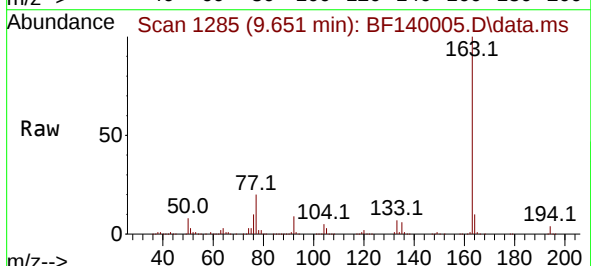
Tgt Ion:163 Resp: 891137

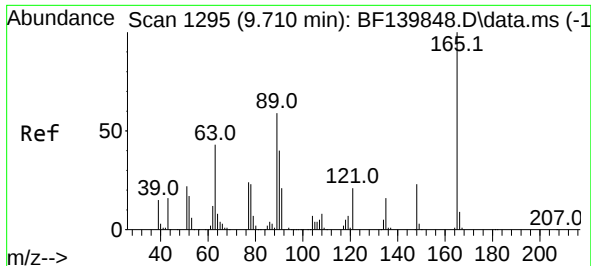
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.2 12.2

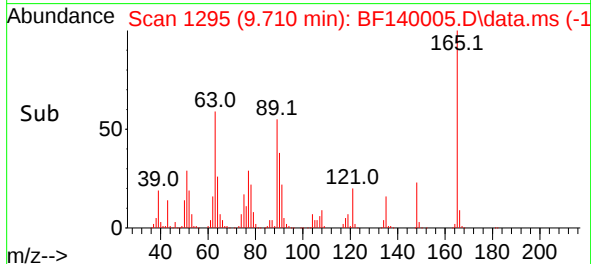
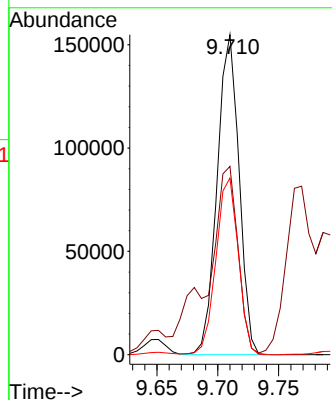
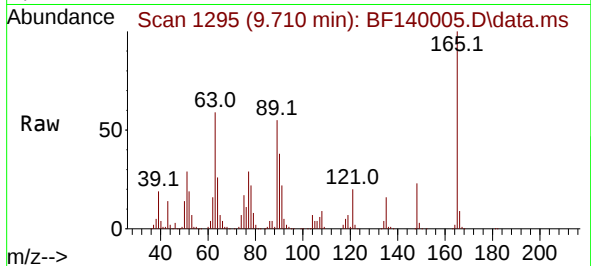




#51
2,6-Dinitrotoluene
Concen: 53.110 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

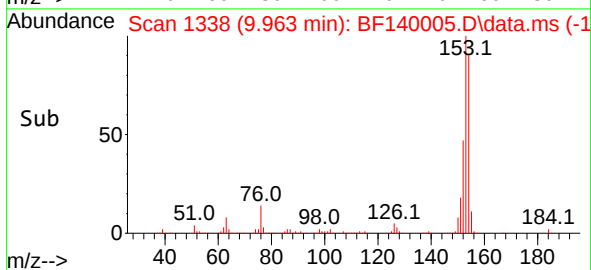
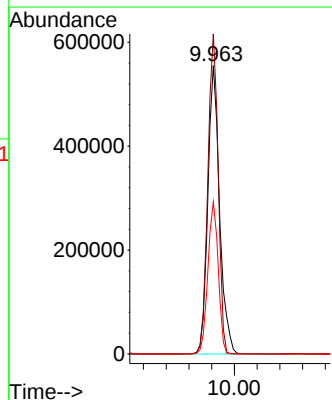
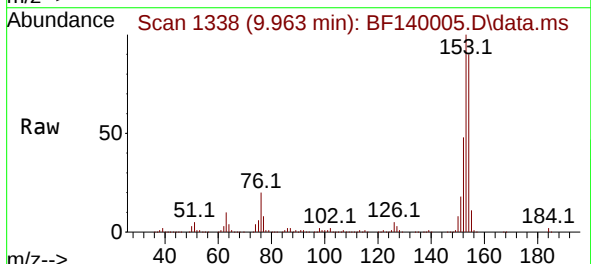
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

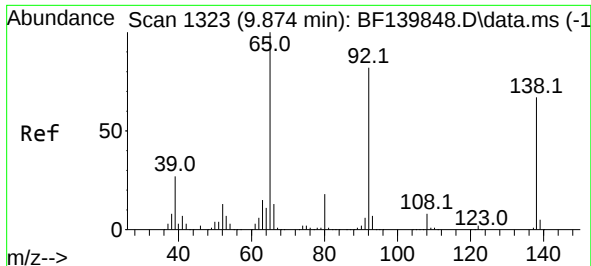
Tgt Ion:165 Resp: 194168
Ion Ratio Lower Upper
165 100
63 58.9 50.6 75.8
89 55.2 47.5 71.3



#52
Acenaphthene
Concen: 55.689 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:154 Resp: 791591
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 52.8 42.4 63.6

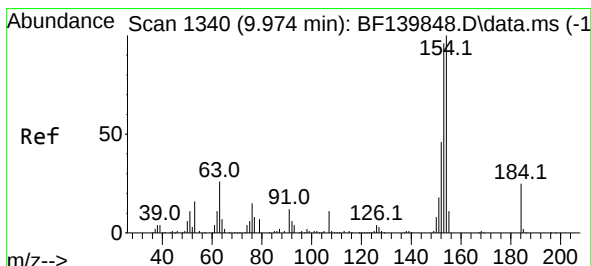
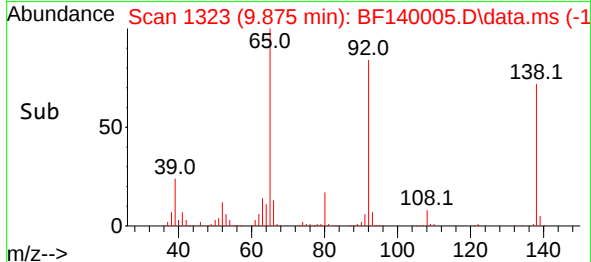
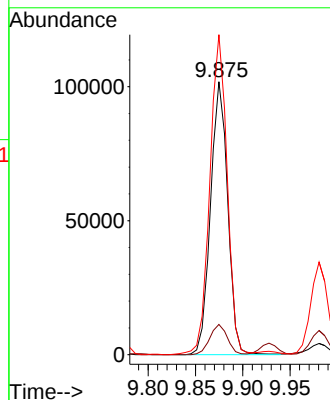
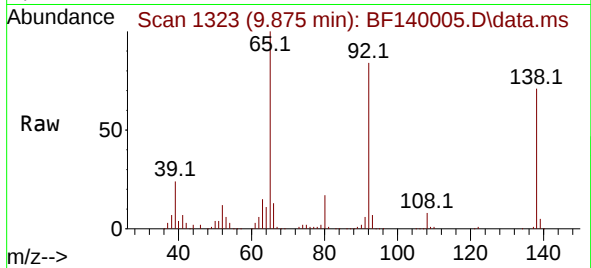




#53
3-Nitroaniline
Concen: 34.012 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

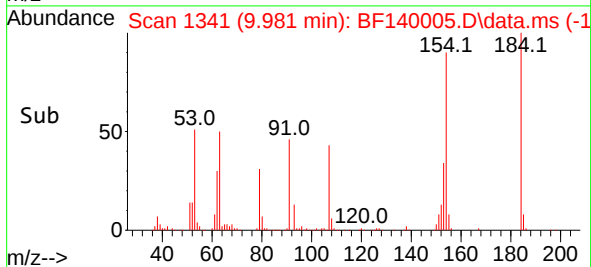
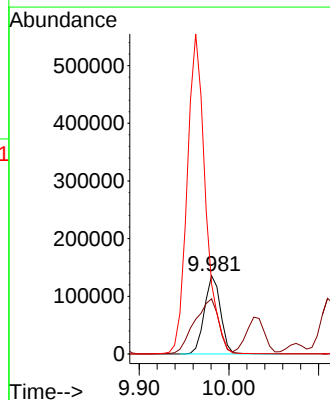
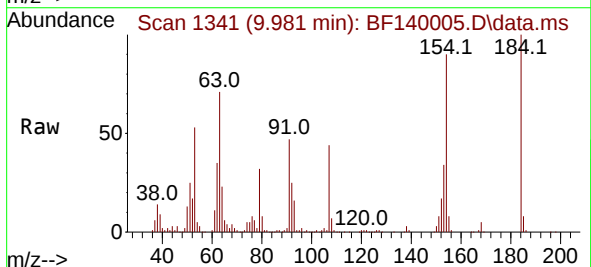
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

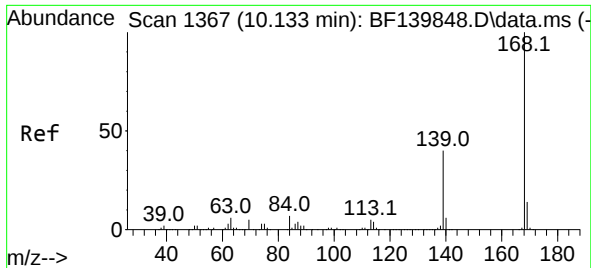
Tgt Ion:138 Resp: 128233
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 117.2 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 109.339 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:184 Resp: 170043
Ion Ratio Lower Upper
184 100
63 70.6 84.7 127.1#
154 89.9 338.2 507.2#

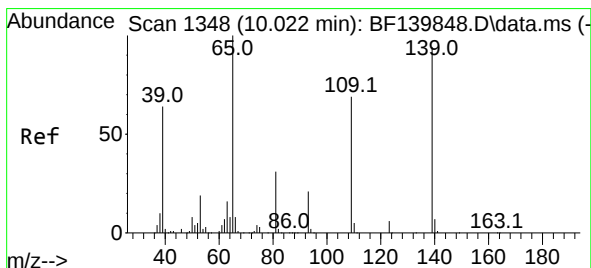
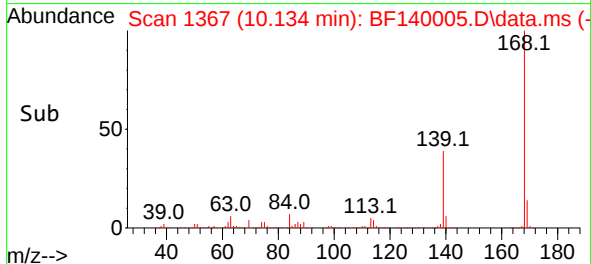
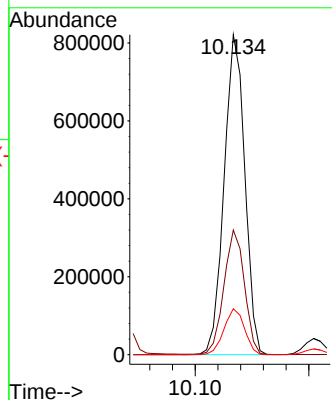
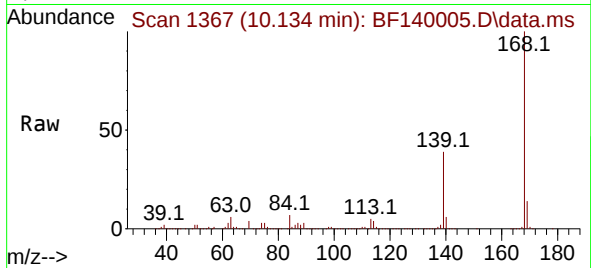




#55
Dibenzofuran
Concen: 50.937 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

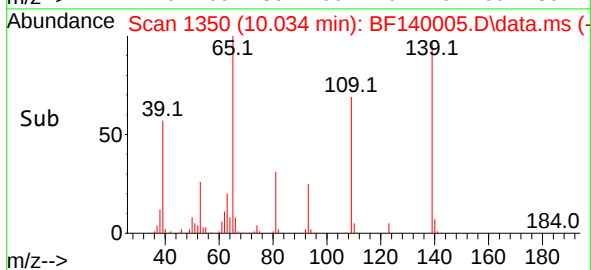
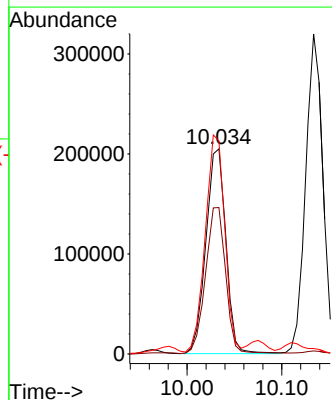
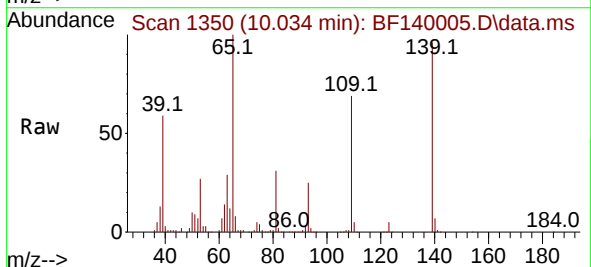
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

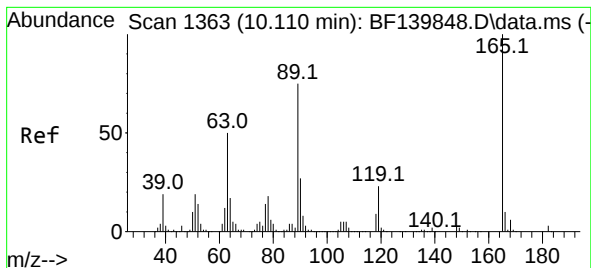
Tgt Ion:168 Resp: 1038826
Ion Ratio Lower Upper
168 100
139 39.0 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 103.705 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:139 Resp: 300808
Ion Ratio Lower Upper
139 100
109 71.4 53.6 93.6
65 104.0 87.8 127.8

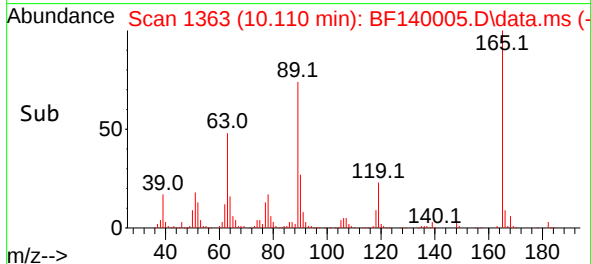
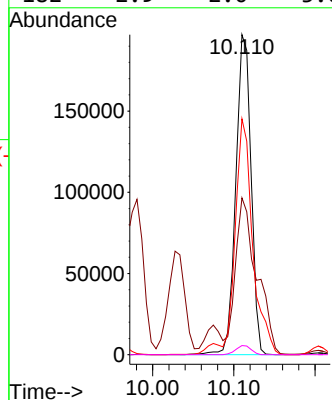
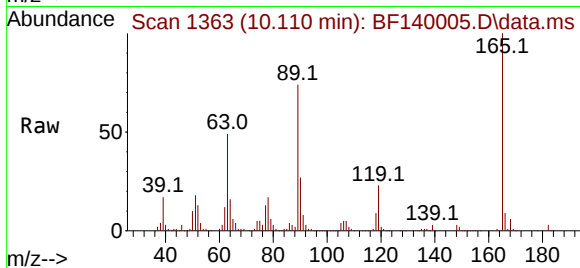




#57
2,4-Dinitrotoluene
Concen: 57.034 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

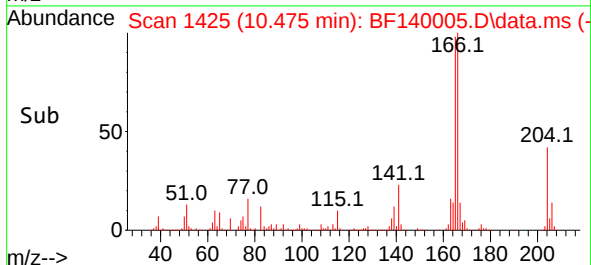
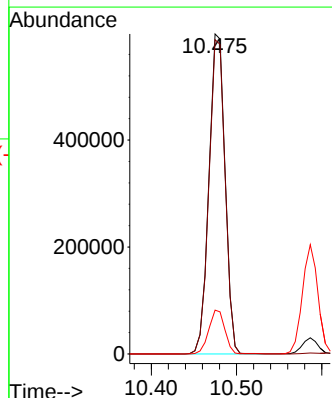
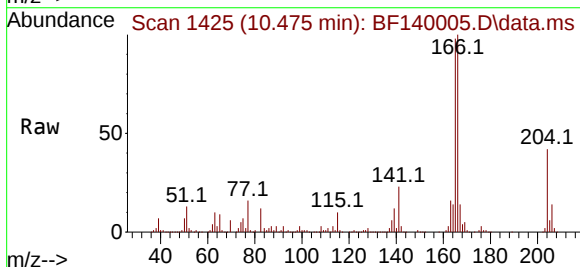
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 256418
Ion Ratio Lower Upper
165 100
63 49.0 40.1 60.1
89 73.7 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 50.624 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:166 Resp: 786374
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.7 10.9 16.3

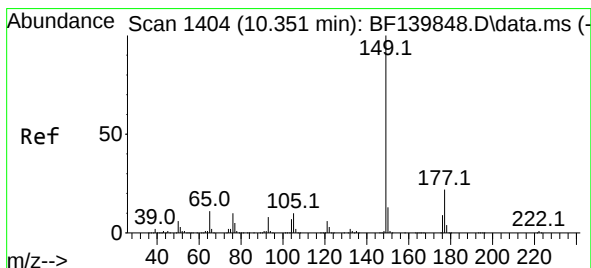
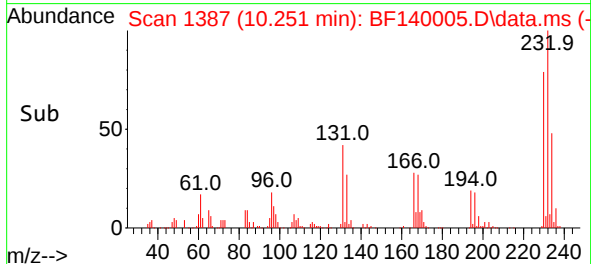
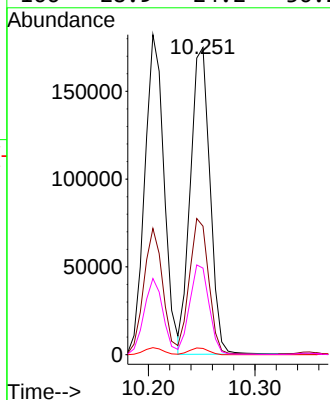
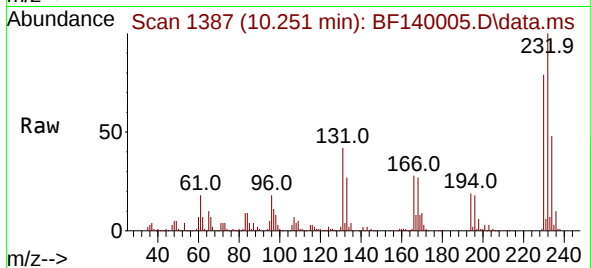




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.349 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

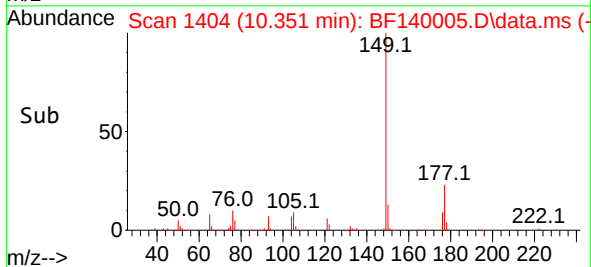
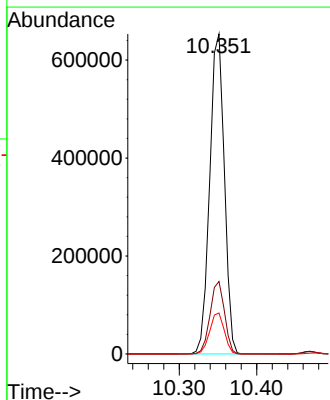
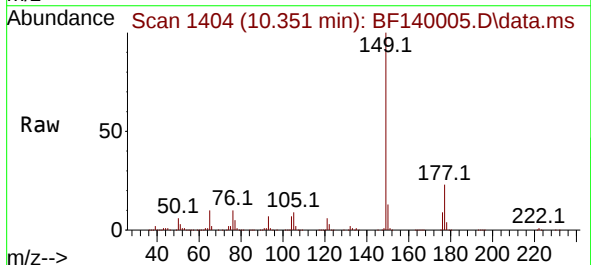
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

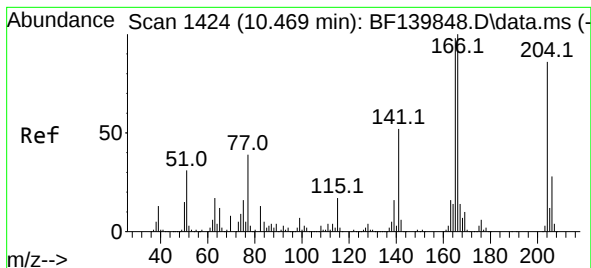
Tgt Ion:232 Resp: 223414
Ion Ratio Lower Upper
232 100
131 44.0 37.0 55.6
130 2.2 1.9 2.9
166 28.9 24.2 36.2



#60
Diethylphthalate
Concen: 51.633 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:149 Resp: 856016
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.8 10.1 15.1

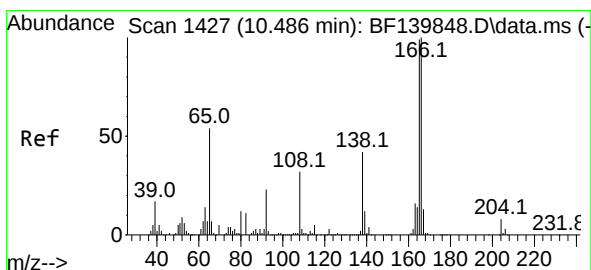
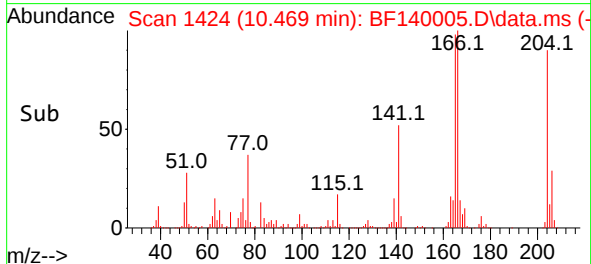
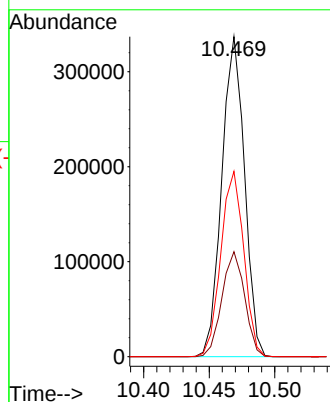
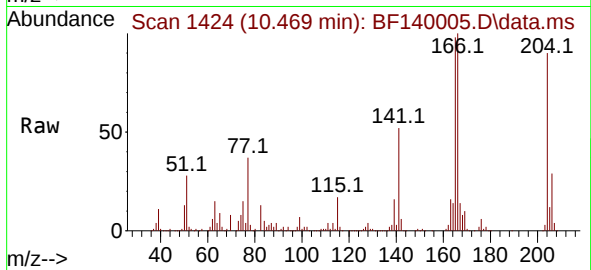




#61
4-Chlorophenyl-phenylether
Concen: 51.665 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

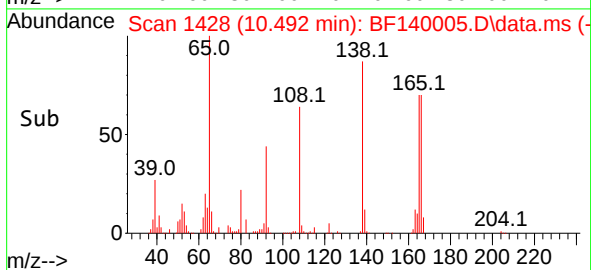
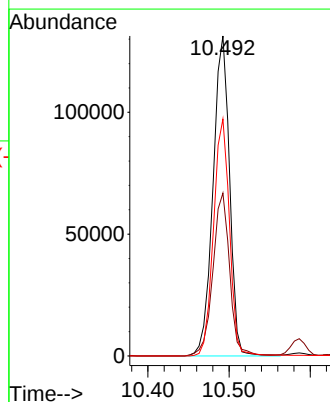
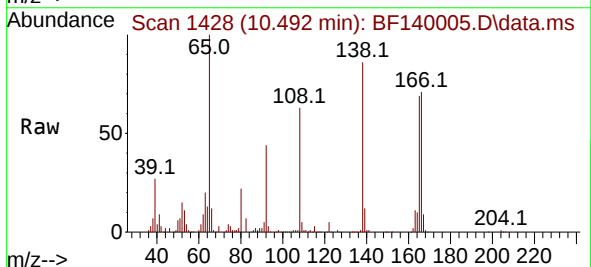
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

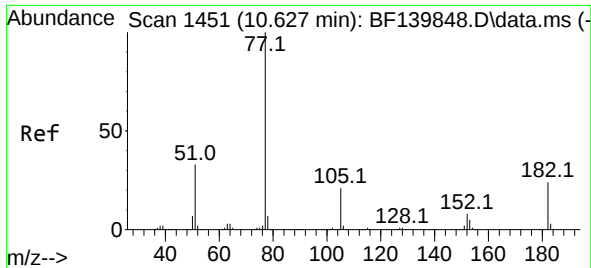
Tgt Ion:204 Resp: 405285
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 57.9 48.6 73.0



#62
4-Nitroaniline
Concen: 52.272 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:138 Resp: 186131
Ion Ratio Lower Upper
138 100
92 50.9 35.7 75.7
108 74.0 57.5 97.5

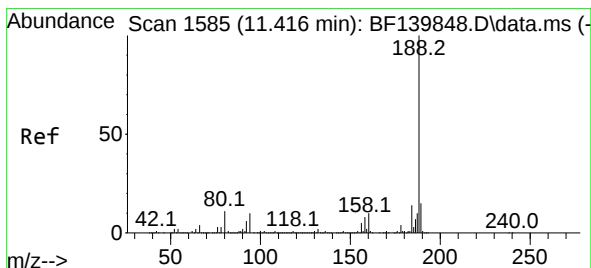
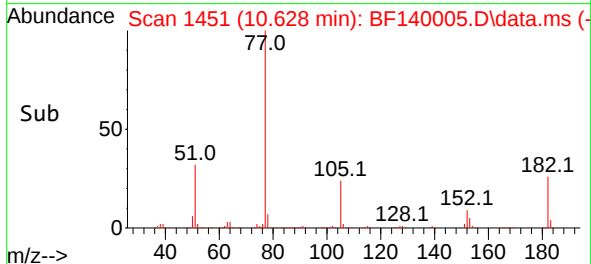
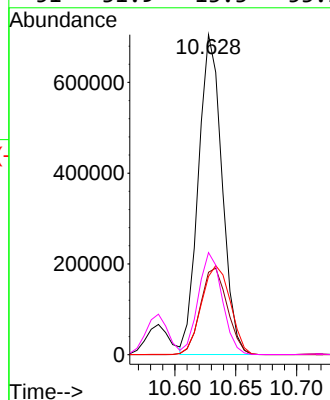
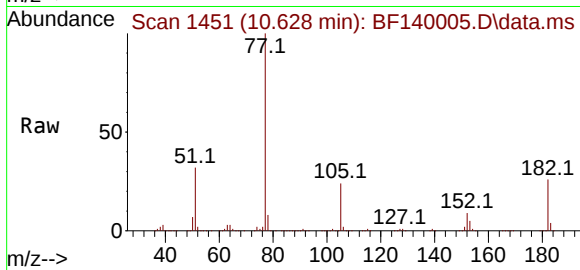




#63
Azobenzene
Concen: 54.021 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

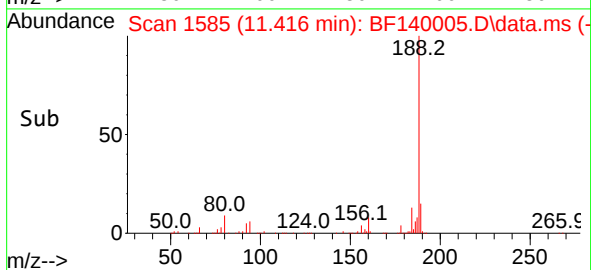
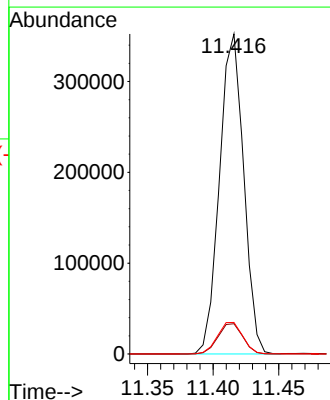
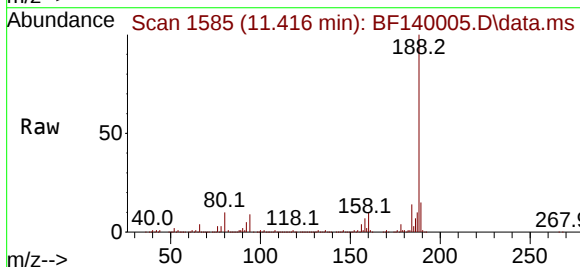
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

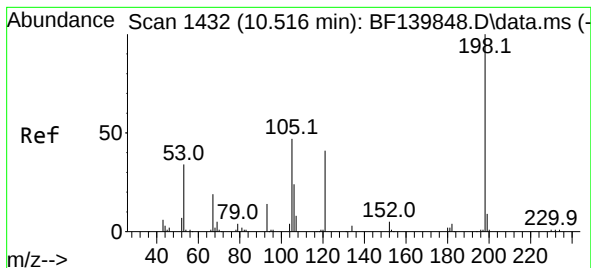
Tgt Ion: 77	Resp: 949473
Ion Ratio	Lower Upper
77 100	
182 25.7	3.3 43.3
105 24.4	1.2 41.2
51 31.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:188	Resp: 450738
Ion Ratio	Lower Upper
188 100	
94 9.5	7.9 11.9
80 9.9	9.0 13.4

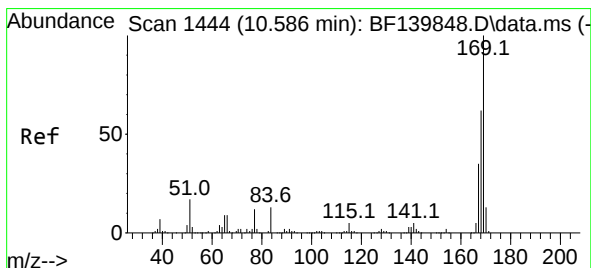
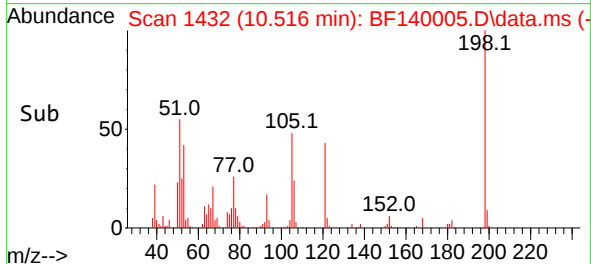
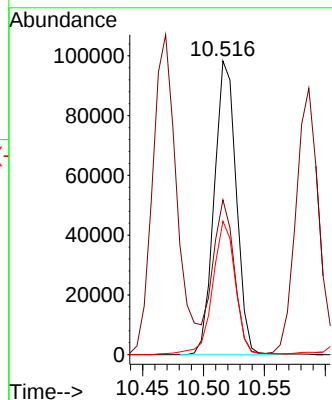
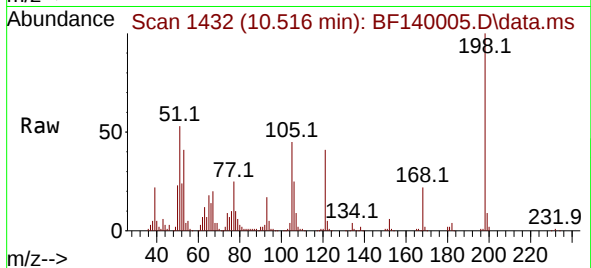




#65
4,6-Dinitro-2-methylphenol
Concen: 67.159 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

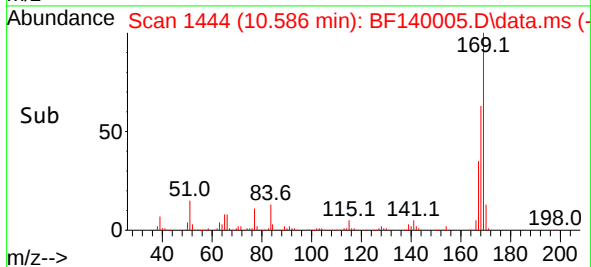
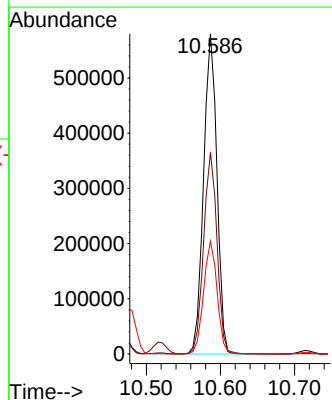
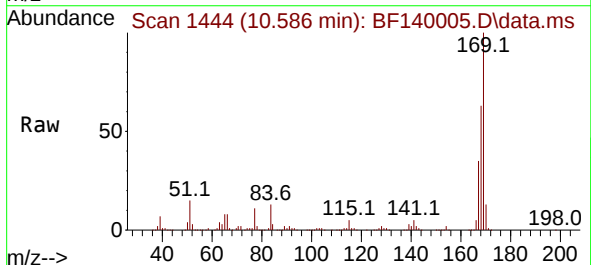
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

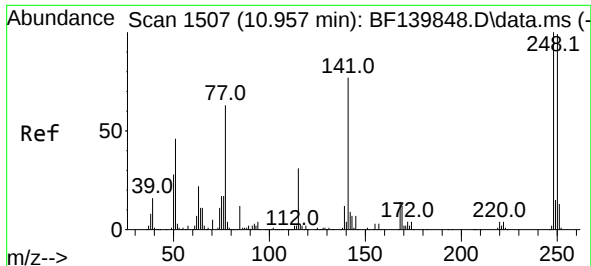
Tgt Ion:198 Resp: 123475
Ion Ratio Lower Upper
198 100
51 52.7 38.2 78.2
105 45.4 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 53.789 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:169 Resp: 725635
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 35.2 28.0 42.0

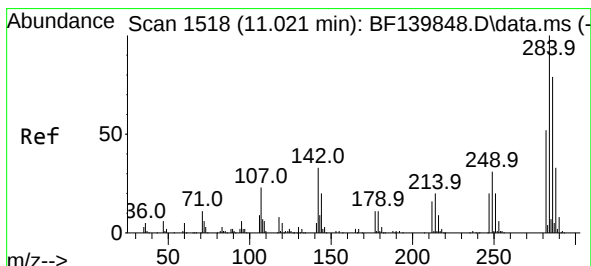
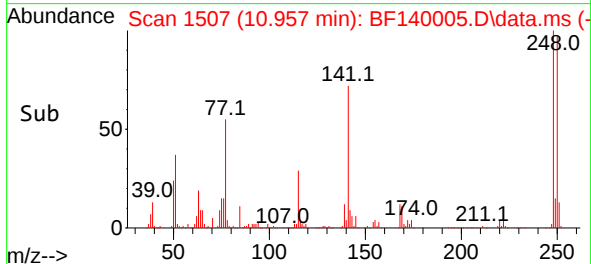
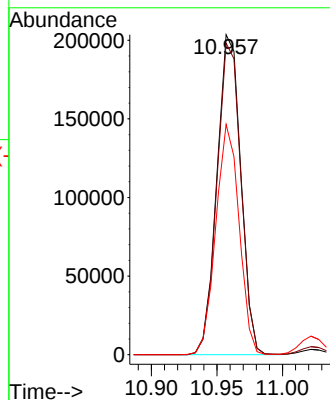
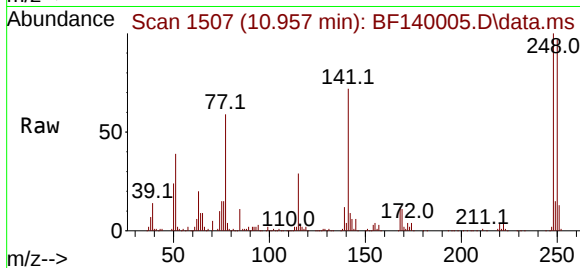




#67
4-Bromophenyl-phenylether
Concen: 55.657 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

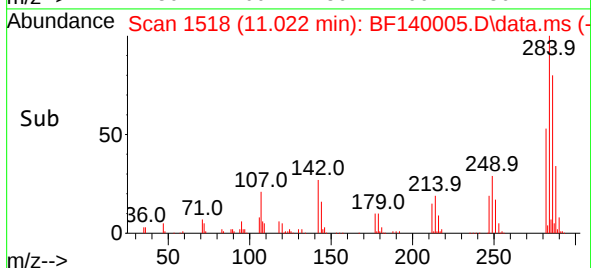
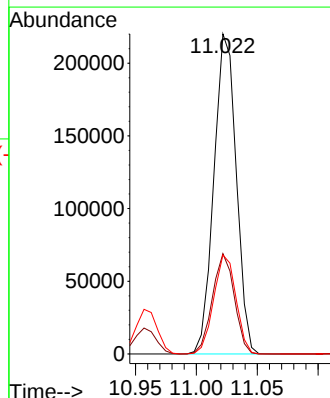
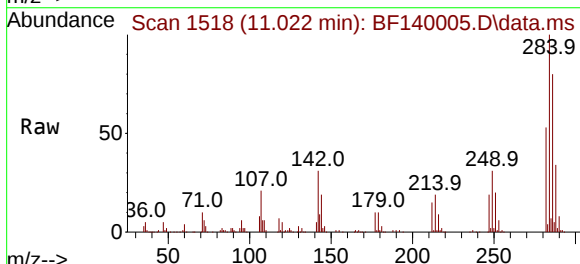
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

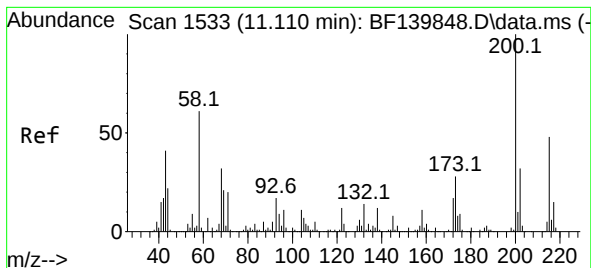
Tgt Ion:248 Resp: 258439
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.6
141 71.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 53.868 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:284 Resp: 281314
Ion Ratio Lower Upper
284 100
142 31.3 26.9 40.3
249 30.9 25.3 37.9





#69

Atrazine

Concen: 65.607 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

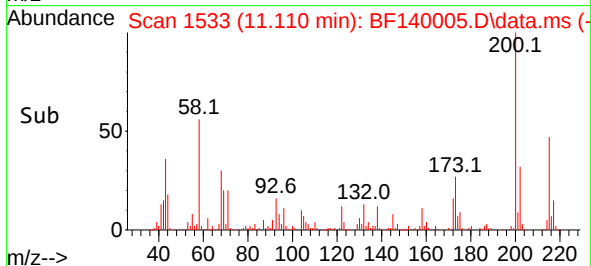
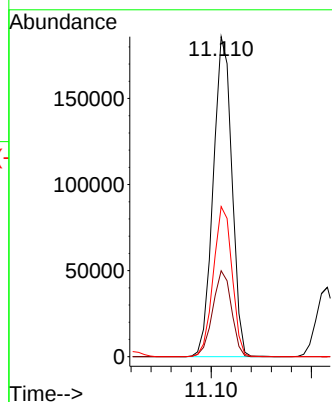
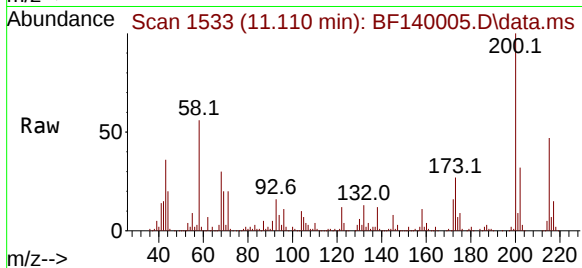
Tgt Ion:200 Resp: 239754

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 46.9 27.7 67.7



#70

Pentachlorophenol

Concen: 94.554 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

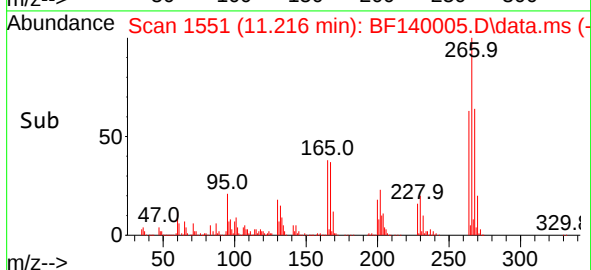
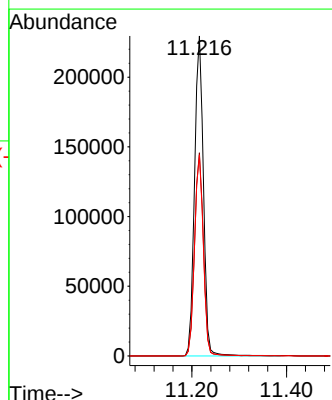
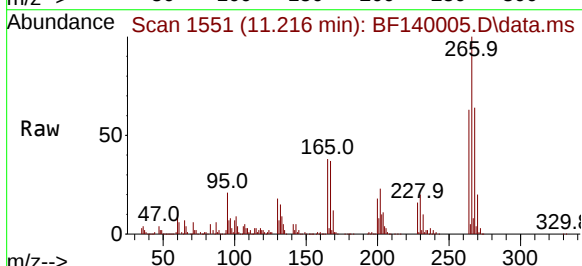
Tgt Ion:266 Resp: 299684

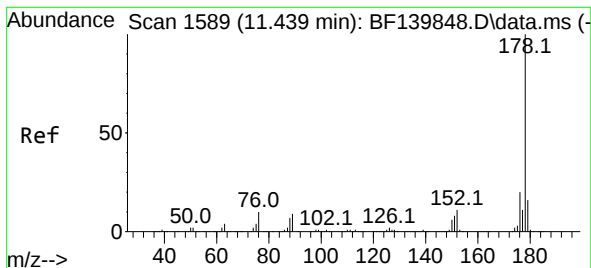
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.8 50.6 75.8





#71

Phenanthrene

Concen: 51.902 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

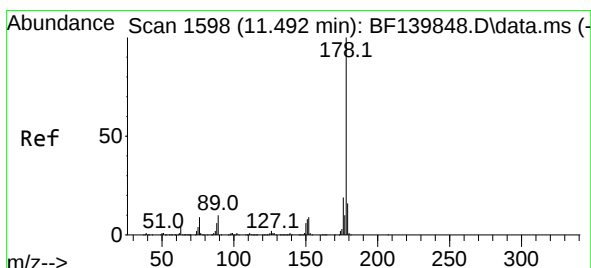
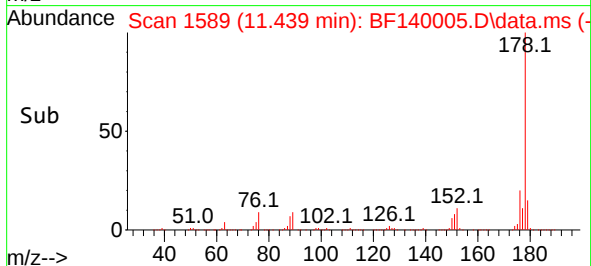
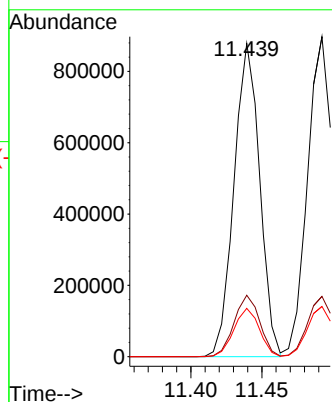
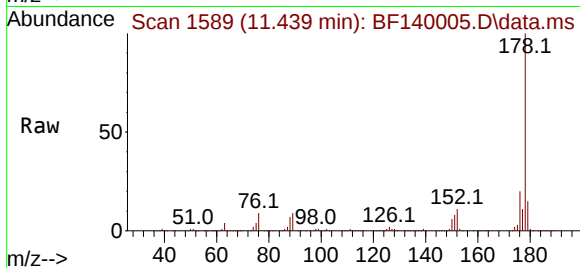
Tgt Ion:178 Resp: 1105042

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 54.119 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

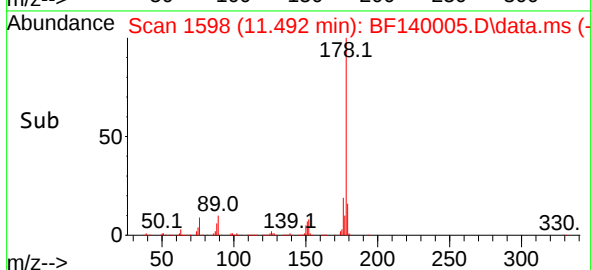
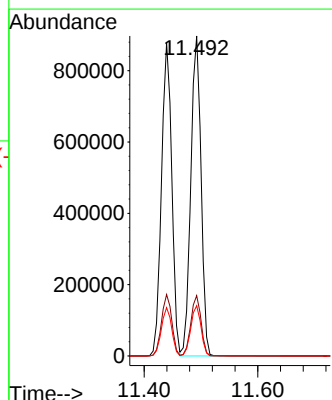
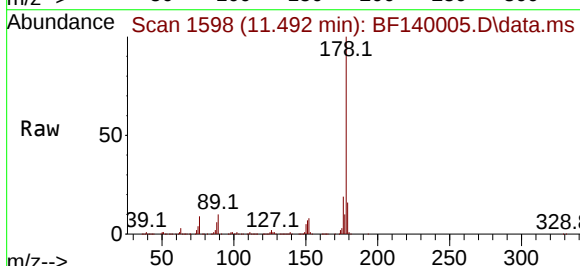
Tgt Ion:178 Resp: 1124220

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.7 12.4 18.6





#73

Carbazole

Concen: 48.017 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

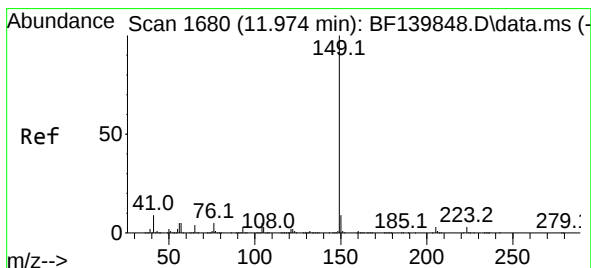
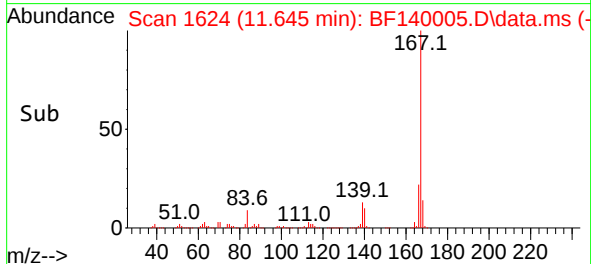
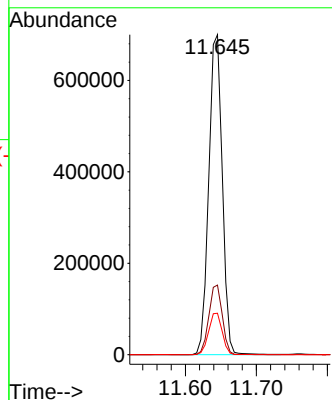
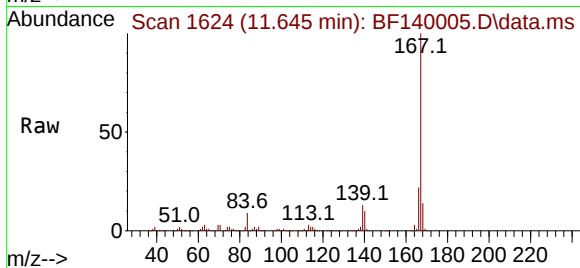
Tgt Ion:167 Resp: 927677

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.0 10.8 16.2



#74

Di-n-butylphthalate

Concen: 54.987 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

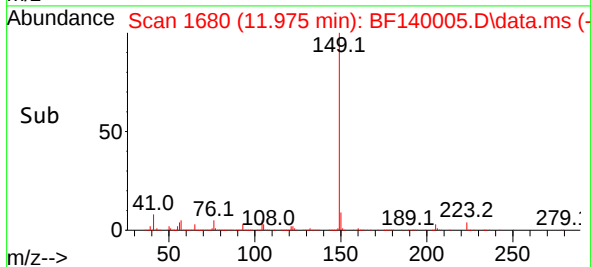
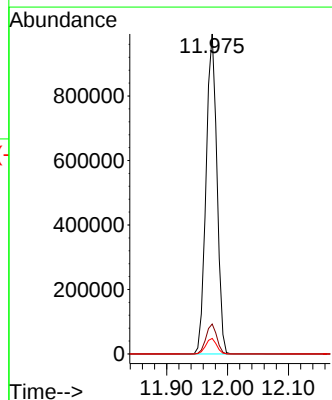
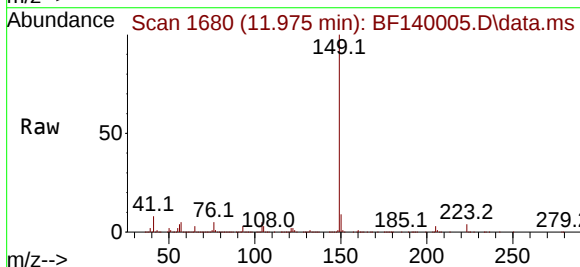
Tgt Ion:149 Resp: 1227353

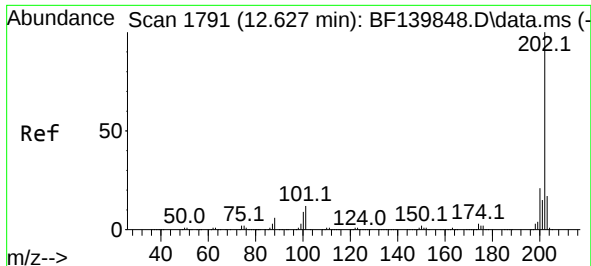
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1

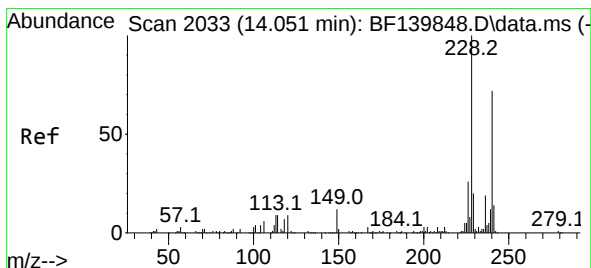
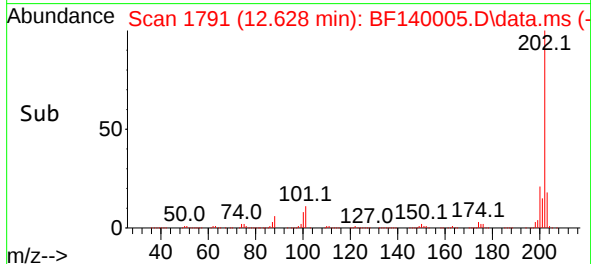
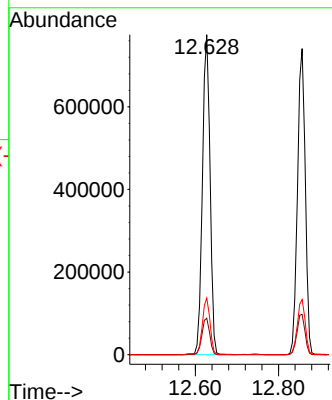
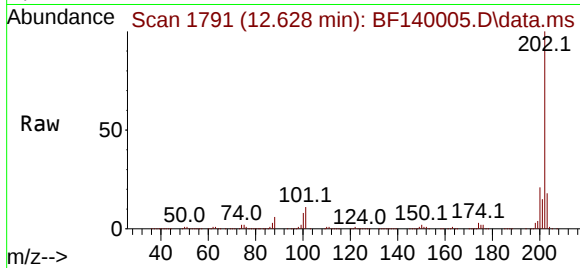




#75
Fluoranthene
Concen: 45.817 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

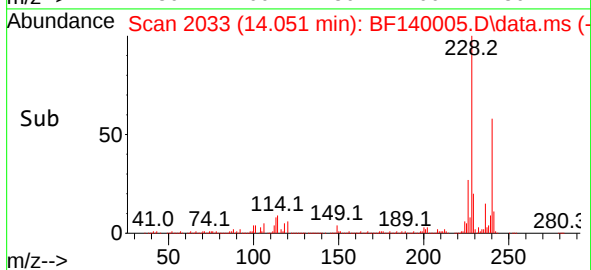
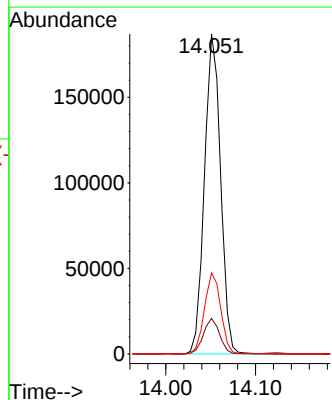
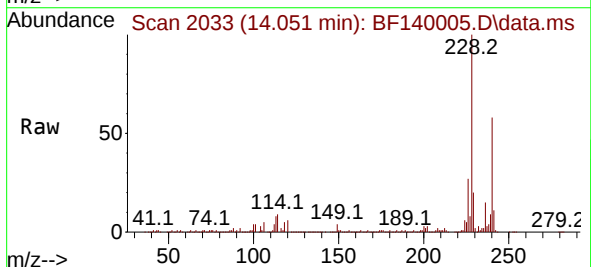
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

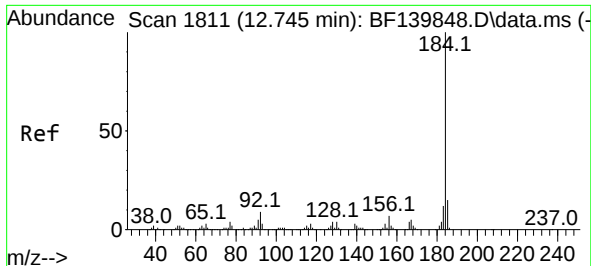
Tgt Ion:202 Resp: 986151
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:240 Resp: 233244
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.3 20.9 31.3

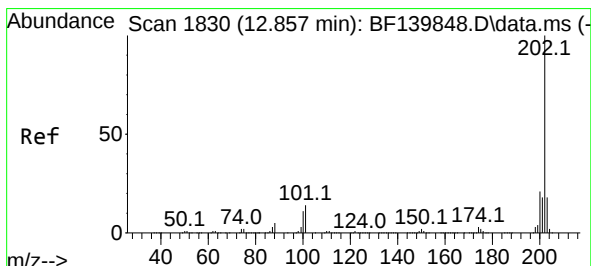
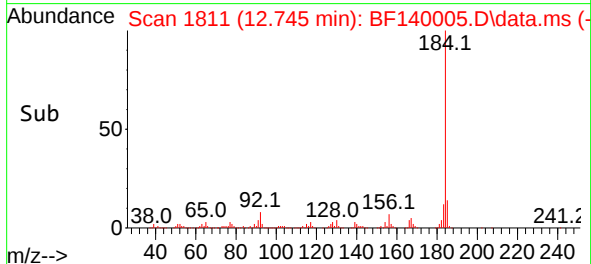
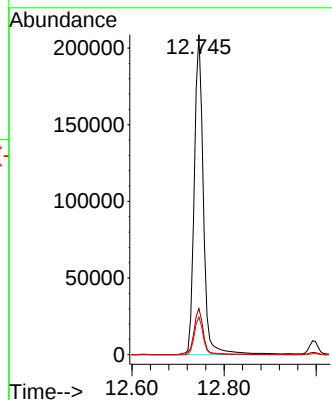
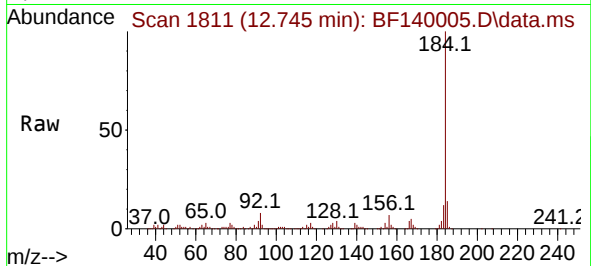




#77
Benzidine
Concen: 74.341 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

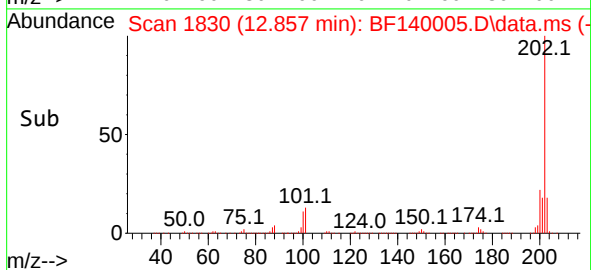
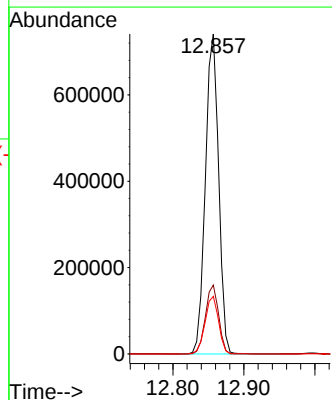
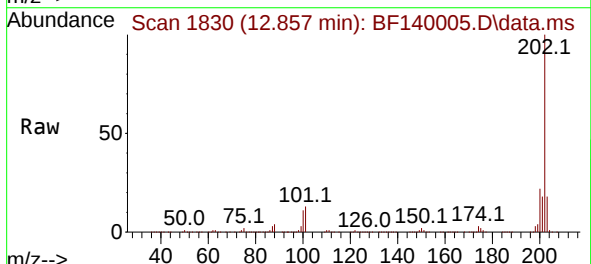
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

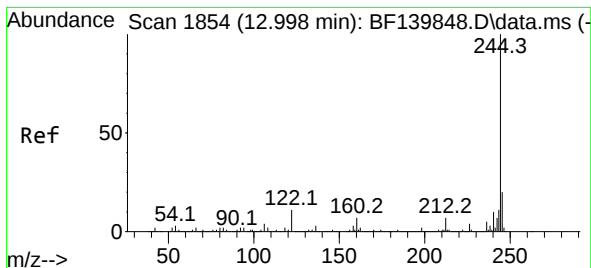
Tgt Ion:184 Resp: 285122
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.7 9.4 14.2



#78
Pyrene
Concen: 47.144 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:202 Resp: 962523
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 64.941 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

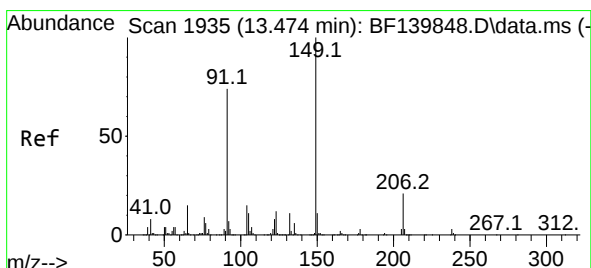
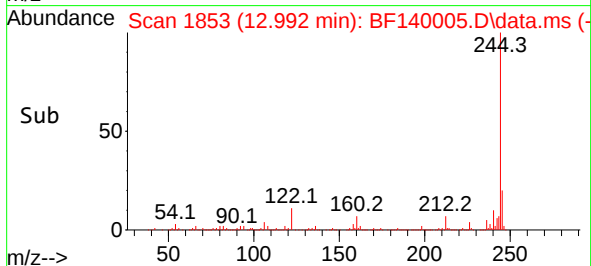
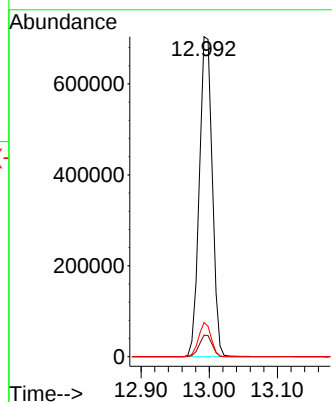
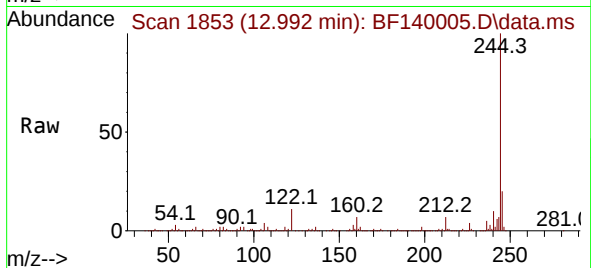
Tgt Ion:244 Resp: 929562

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 60.838 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

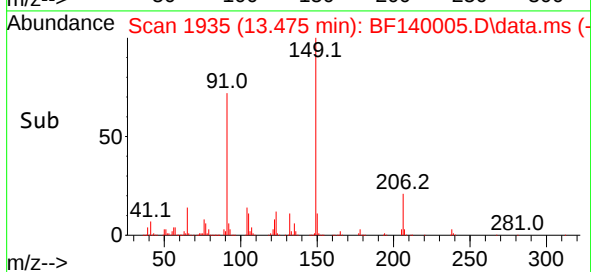
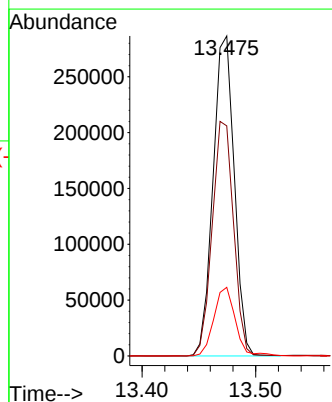
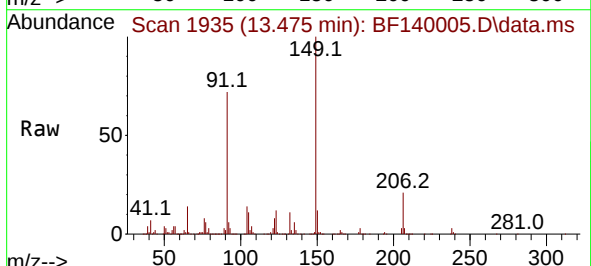
Tgt Ion:149 Resp: 372387

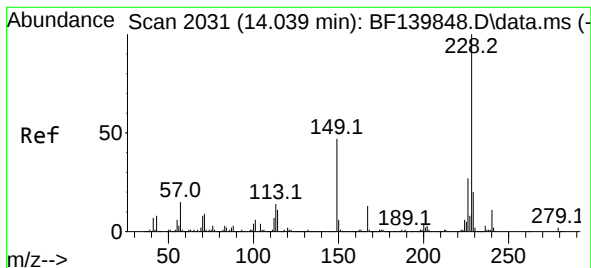
Ion Ratio Lower Upper

149 100

91 71.9 59.4 89.2

206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.366 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

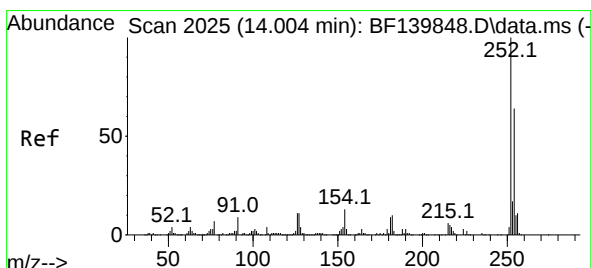
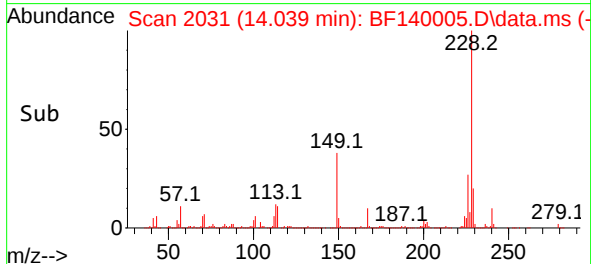
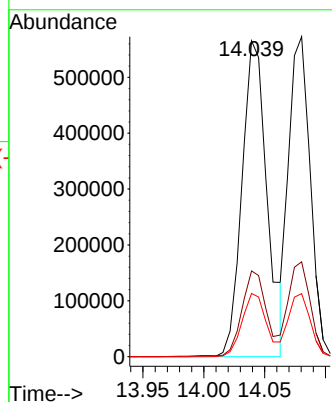
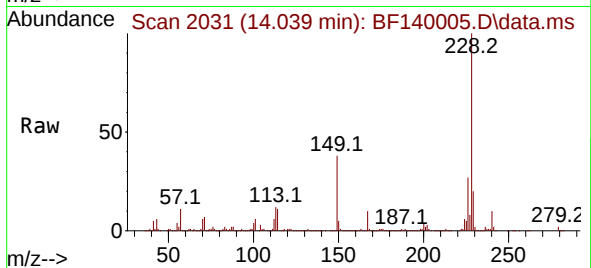
Tgt Ion:228 Resp: 810278

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 37.312 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

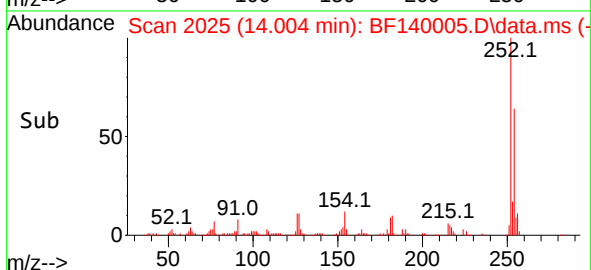
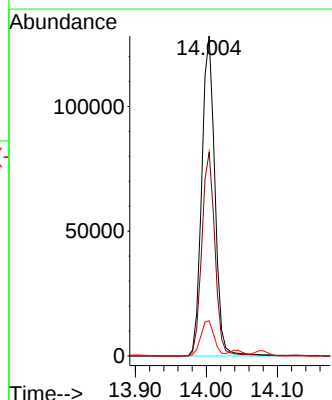
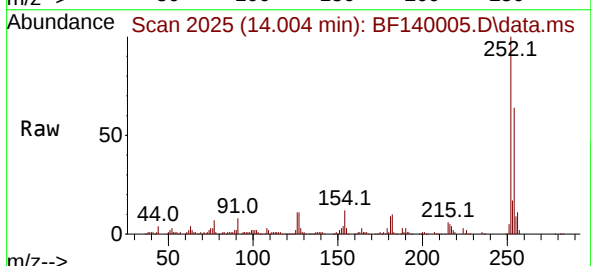
Tgt Ion:252 Resp: 165178

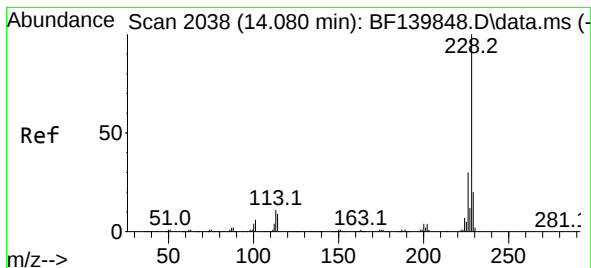
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 50.692 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

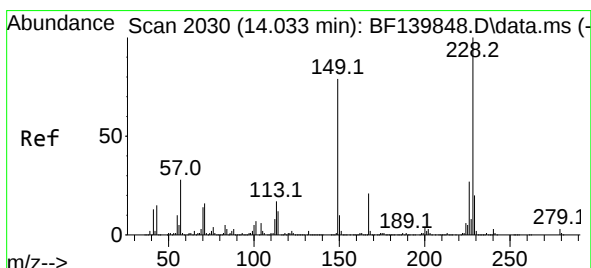
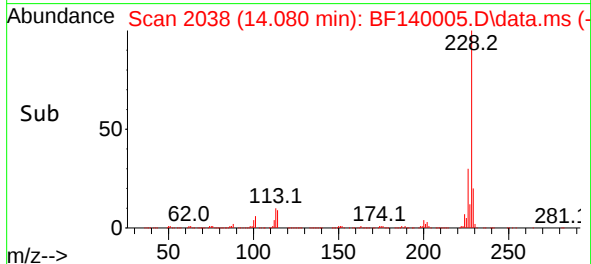
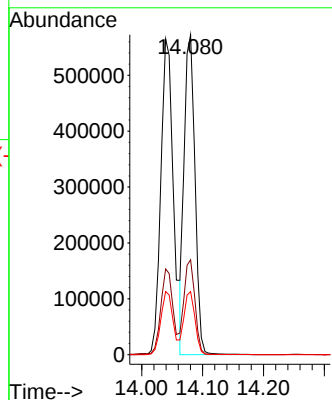
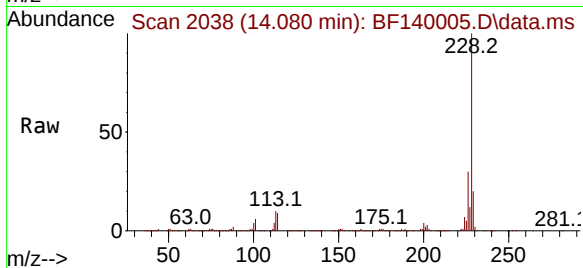
Tgt Ion:228 Resp: 705708

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.312 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

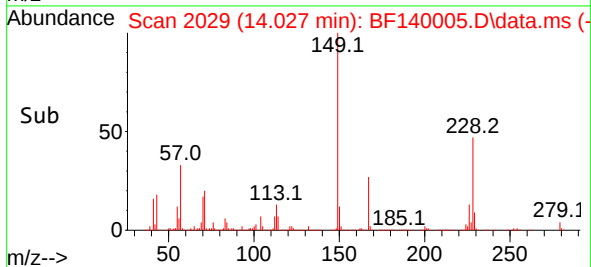
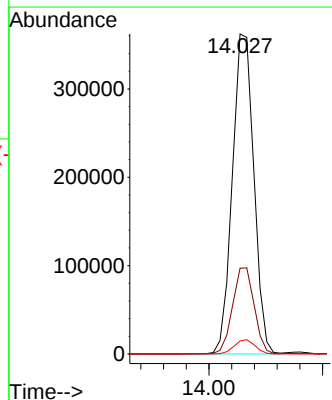
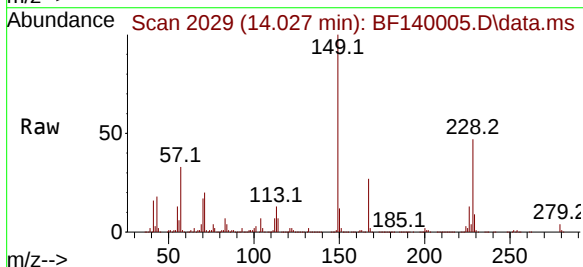
Tgt Ion:149 Resp: 475991

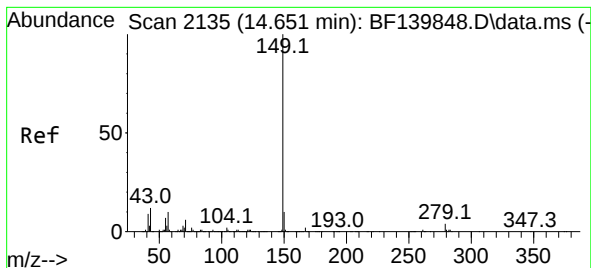
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 64.464 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

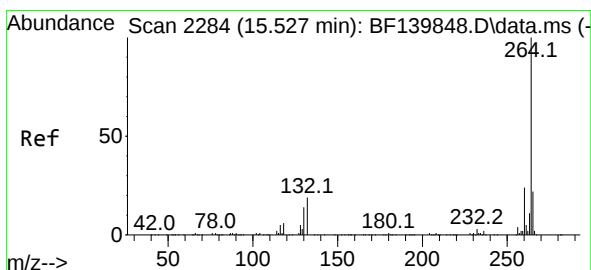
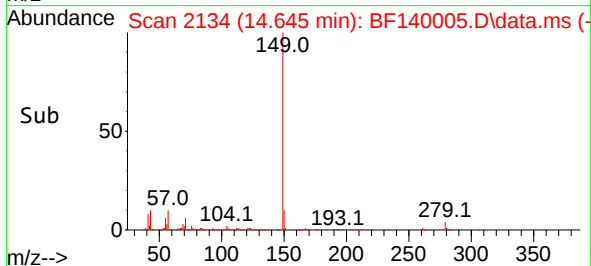
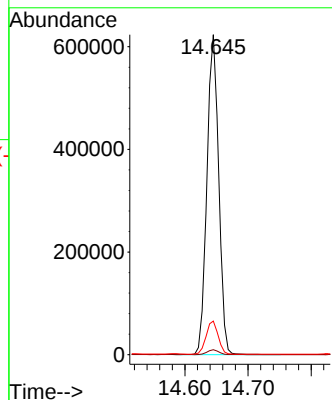
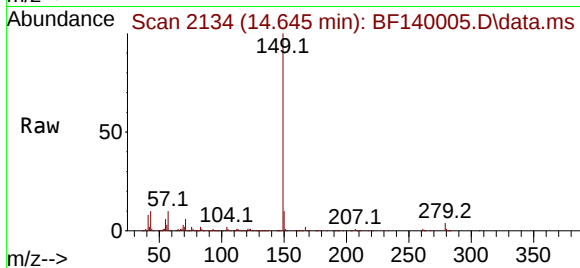
Tgt Ion:149 Resp: 805210

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

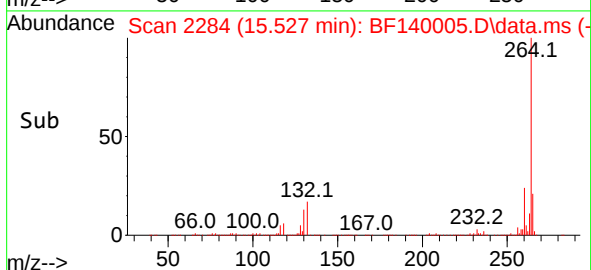
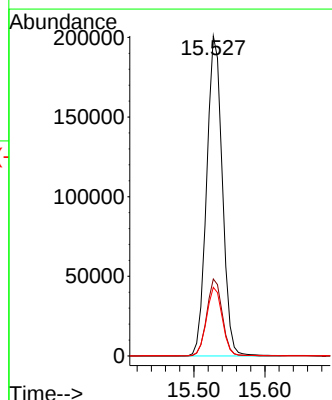
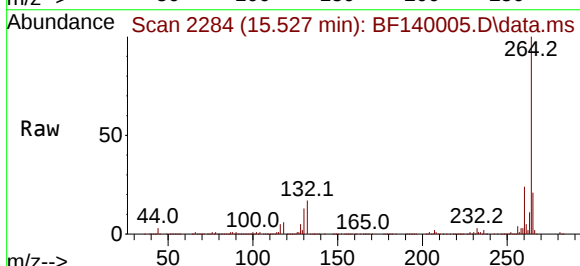
Tgt Ion:264 Resp: 308426

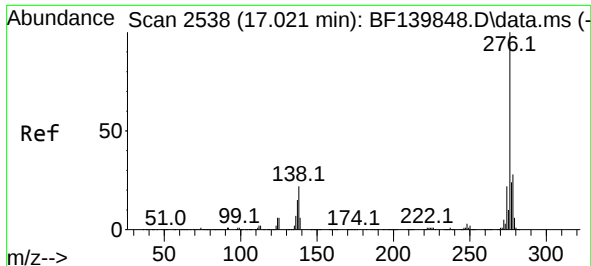
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.4 26.0

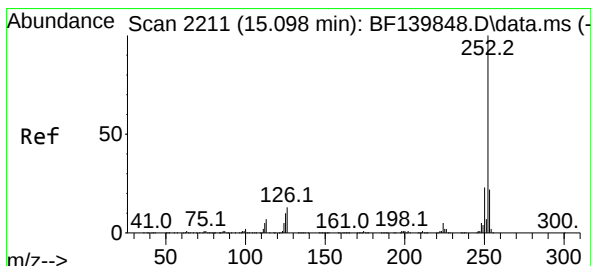
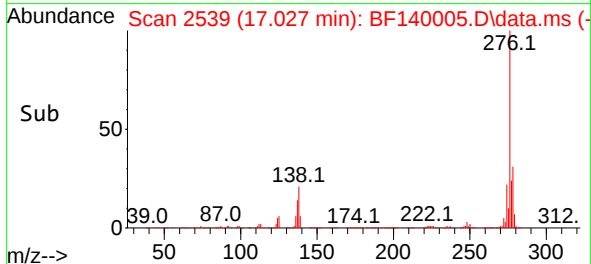
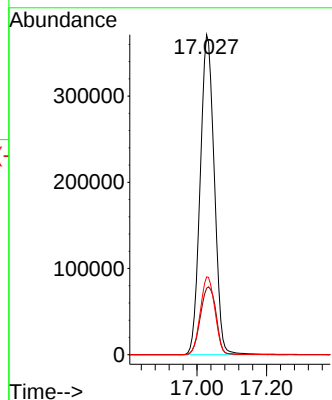
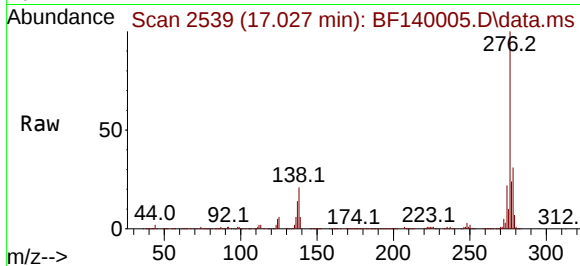




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.642 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

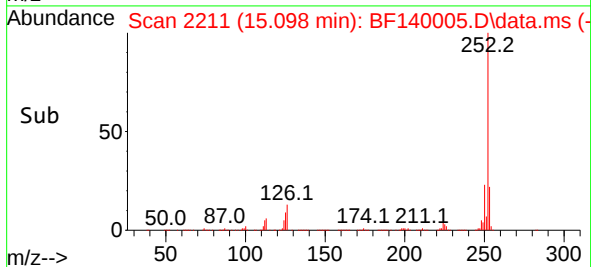
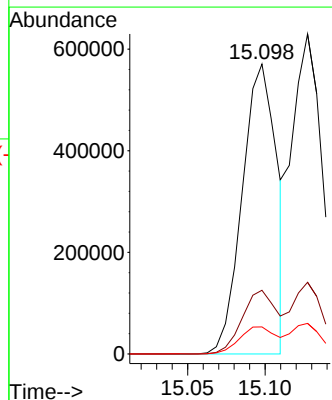
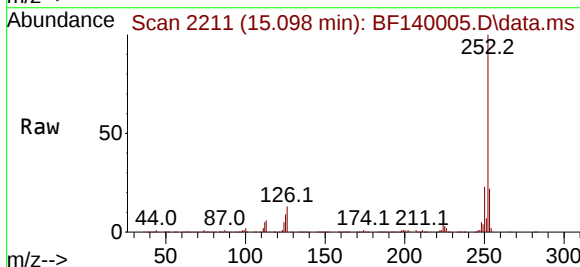
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

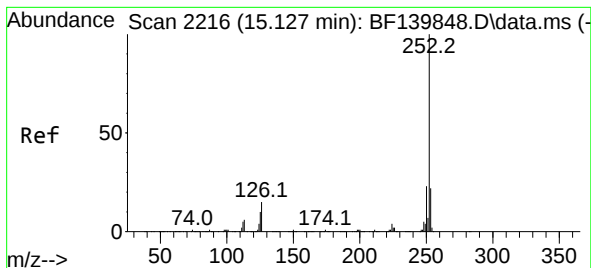
Tgt Ion:276 Resp: 1044523
Ion Ratio Lower Upper
276 100
138 23.6 20.4 30.6
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 46.882 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:252 Resp: 880827
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 53.372 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

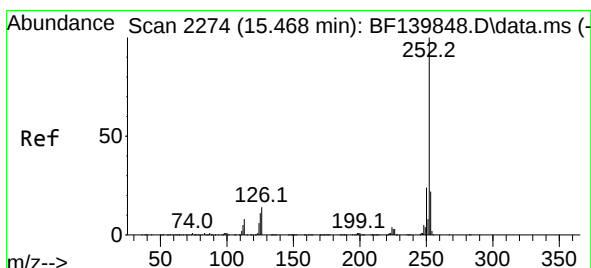
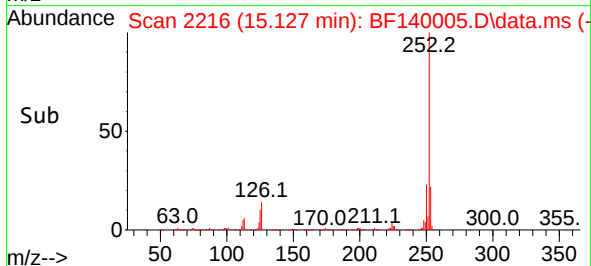
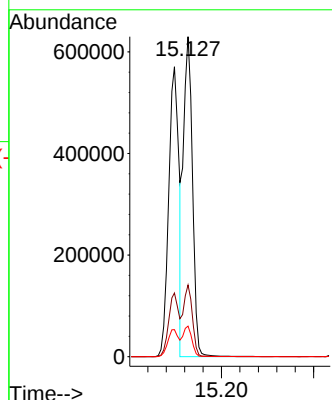
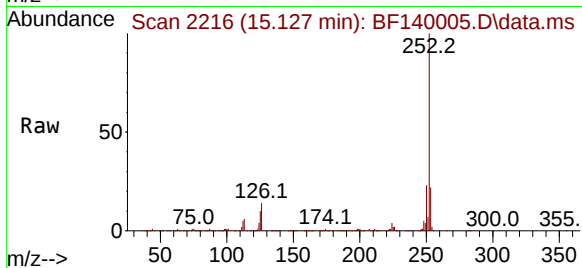
Tgt Ion:252 Resp: 864790

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 55.909 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140005.D

Acq: 24 Oct 2024 17:17

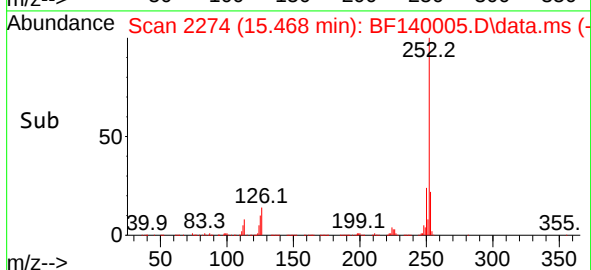
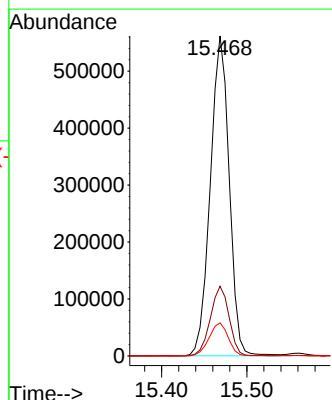
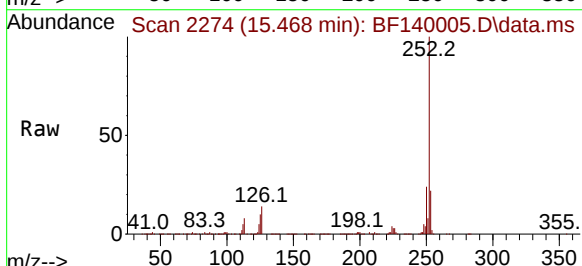
Tgt Ion:252 Resp: 864313

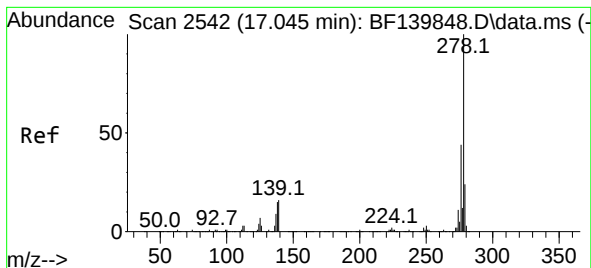
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.4 8.7 13.1

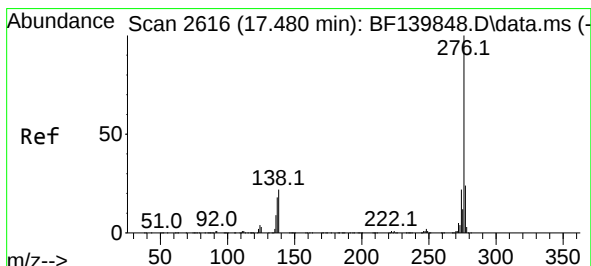
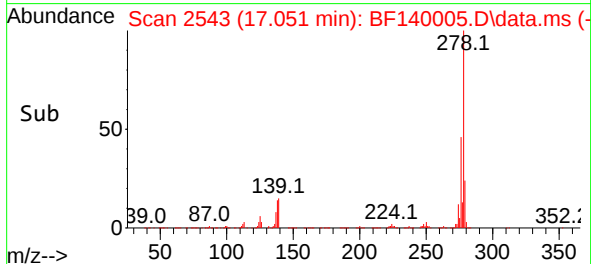
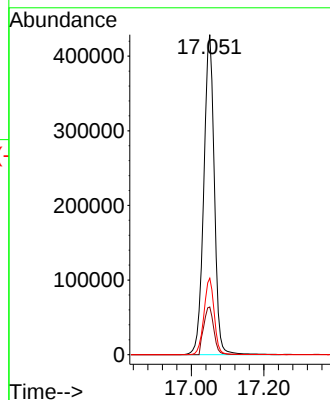
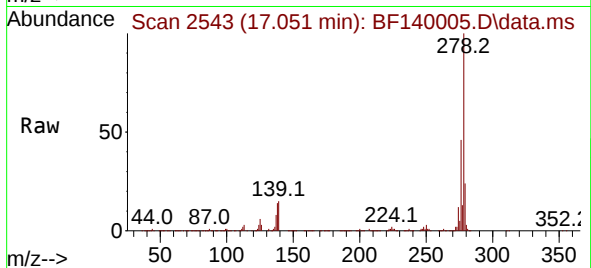




#91
Dibenzo(a,h)anthracene
Concen: 52.354 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 866590
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.099 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140005.D
Acq: 24 Oct 2024 17:17

Tgt Ion:276 Resp: 745658
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 20.8 17.4 26.0

