

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92885	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	346239	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	189814	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224946	20.000	ng	0.00
86) Perylene-d12	15.551	264	187010	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	465317	85.474	ng	0.00
7) Phenol-d6	6.510	99	610888	84.881	ng	0.00
23) Nitrobenzene-d5	7.434	82	560358	82.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173577	85.503	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1061518	83.324	ng	-0.01
79) Terphenyl-d14	12.980	244	1160825	80.355	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	100896	44.081	ng	97
3) Pyridine	3.387	79	226988	45.072	ng	99
4) n-Nitrosodimethylamine	3.352	42	123101	41.590	ng	95
6) Aniline	6.534	93	238703	47.122	ng	89
8) 2-Chlorophenol	6.657	128	253095	43.213	ng	96
9) Benzaldehyde	6.422	77	144377	37.894	ng	97
10) Phenol	6.528	94	321134	43.692	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	238461	42.398	ng	99
12) 1,3-Dichlorobenzene	6.804	146	276244	41.976	ng	99
13) 1,4-Dichlorobenzene	6.881	146	283097	42.484	ng	99
14) 1,2-Dichlorobenzene	7.034	146	263935	42.270	ng	99
15) Benzyl Alcohol	7.016	79	219516	41.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	271607	40.876	ng	79
17) 2-Methylphenol	7.134	107	198206	42.276	ng	95
18) Hexachloroethane	7.375	117	102767	41.293	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	173362	40.758	ng	97
20) 3+4-Methylphenols	7.287	107	258788	42.944	ng	# 79
22) Acetophenone	7.275	105	352947	41.813	ng	94
24) Nitrobenzene	7.451	77	290315	41.497	ng	98
25) Isophorone	7.687	82	463484	41.052	ng	99
26) 2-Nitrophenol	7.769	139	133835	43.168	ng	94
27) 2,4-Dimethylphenol	7.804	122	156863	42.287	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	283632	41.237	ng	99
29) 2,4-Dichlorophenol	8.022	162	211966	43.123	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	236722	42.180	ng	99
31) Naphthalene	8.169	128	750453	42.079	ng	99
32) Benzoic acid	7.957	122	137515	43.409	ng	98
33) 4-Chloroaniline	8.228	127	242443	45.404	ng	98
34) Hexachlorobutadiene	8.281	225	153128	41.194	ng	99
35) Caprolactam	8.598	113	66720	43.862	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	234815	42.668	ng	100
37) 2-Methylnaphthalene	8.857	142	475327	41.962	ng	100
38) 1-Methylnaphthalene	8.957	142	468155	42.163	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	233383	41.999	ng	99
41) Hexachlorocyclopentadiene	9.010	237	35211	32.913	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	147039	42.170	ng	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160393	42.385	ng	97
46) 1,1'-Biphenyl	9.322	154	592420	41.803	ng	100
47) 2-Chloronaphthalene	9.351	162	454016	42.280	ng	99
48) 2-Nitroaniline	9.457	65	147770	42.872	ng	95
49) Acenaphthylene	9.769	152	687115	42.350	ng	100
50) Dimethylphthalate	9.622	163	517989	41.436	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121961	43.017	ng	99
52) Acenaphthene	9.939	154	431042	41.812	ng	99
53) 3-Nitroaniline	9.869	138	126289	45.543	ng	94
54) 2,4-Dinitrophenol	9.986	184	69941	50.797	ng	93
55) Dibenzofuran	10.110	168	654473	41.621	ng	100
56) 4-Nitrophenol	10.051	139	110649	58.509	ng	92
57) 2,4-Dinitrotoluene	10.104	165	163601	43.418	ng	95
58) Fluorene	10.457	166	537820	42.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129536	44.540	ng	92
60) Diethylphthalate	10.322	149	514575	40.514	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255101	41.184	ng	98
62) 4-Nitroaniline	10.486	138	136029	46.773	ng	95
63) Azobenzene	10.604	77	491918	40.898	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89900	48.398	ng	98
66) n-Nitrosodiphenylamine	10.563	169	448621	41.734	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	155300	41.485	ng	96
68) Hexachlorobenzene	11.004	284	182807	42.174	ng	98
69) Atrazine	11.092	200	96773	32.001	ng	100
70) Pentachlorophenol	11.210	266	73419	38.484	ng	99
71) Phenanthrene	11.422	178	737773	42.223	ng	100
72) Anthracene	11.475	178	738326	43.197	ng	100
73) Carbazole	11.633	167	732751	44.564	ng	100
74) Di-n-butylphthalate	11.951	149	776970	40.930	ng	99
75) Fluoranthene	12.616	202	843217	44.447	ng	100
77) Benzidine	12.739	184	343811	52.569	ng	99
78) Pyrene	12.845	202	864572	41.568	ng	99
80) Butylbenzylphthalate	13.451	149	293415	39.160	ng	98
81) Benzo(a)anthracene	14.039	228	622623	41.813	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	192950	43.159	ng	100
83) Chrysene	14.080	228	573223	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	333077	35.205	ng	100
85) Di-n-octyl phthalate	14.639	149	431470	33.370	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	518227	42.522	ng	98
88) Benzo(b)fluoranthene	15.116	252	535631	45.600	ng	100
89) Benzo(k)fluoranthene	15.145	252	398082	38.727	ng	99
90) Benzo(a)pyrene	15.492	252	405609	42.469	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	426039	42.685	ng	99
92) Benzo(g,h,i)perylene	17.533	276	447357	43.923	ng	99

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

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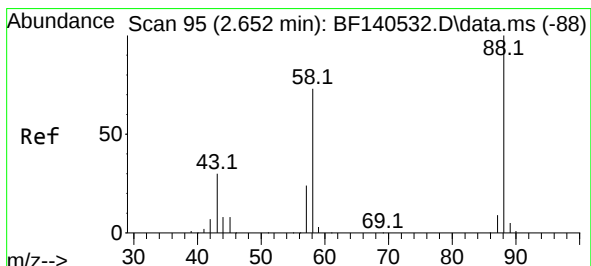
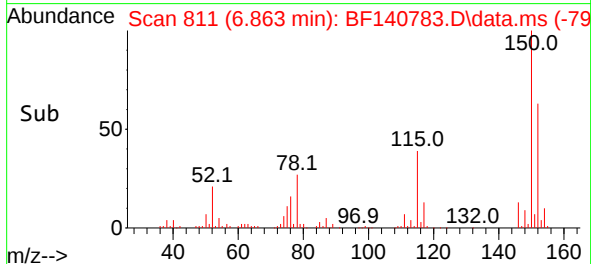
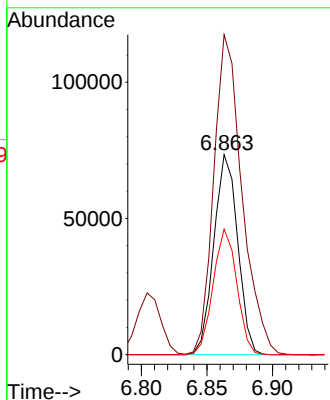
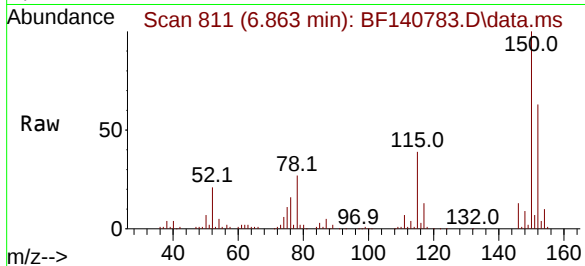




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

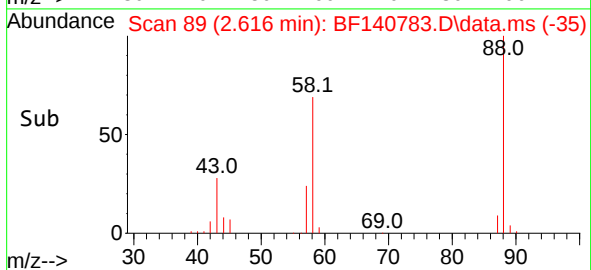
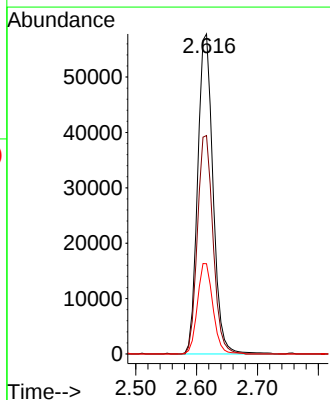
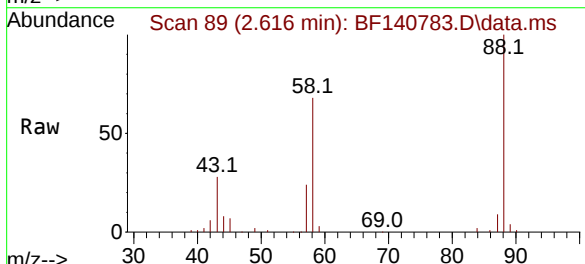
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

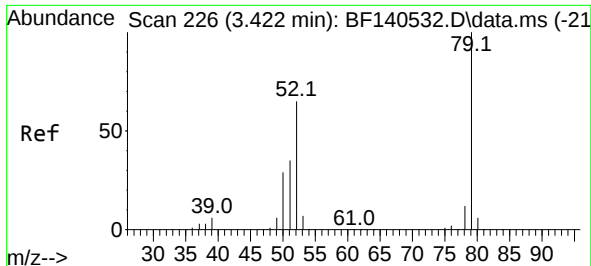
Tgt Ion:152 Resp: 92885
 Ion Ratio Lower Upper
 152 100
 150 160.0 128.5 192.7
 115 62.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.081 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.035 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion: 88 Resp: 100896
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 28.5 24.3 36.5





#3

Pyridine

Concen: 45.072 ng

RT: 3.387 min Scan# 214

Delta R.T. -0.035 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

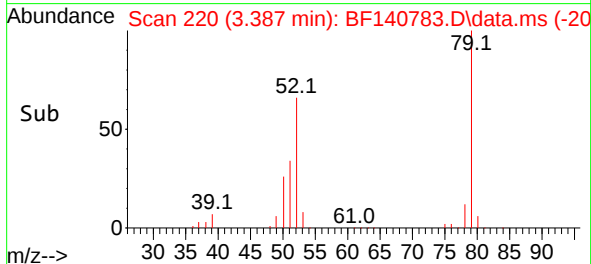
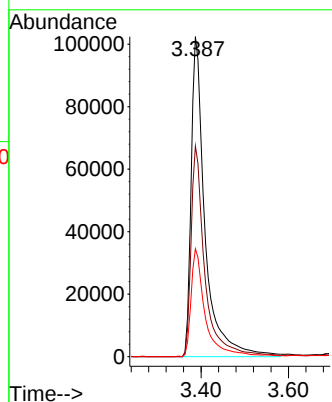
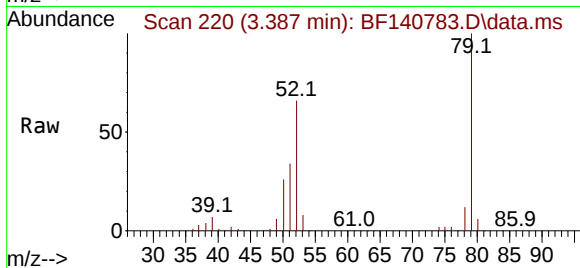
Tgt Ion: 79 Resp: 226988

Ion Ratio Lower Upper

79 100

52 65.9 52.1 78.1

51 33.7 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.590 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.029 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

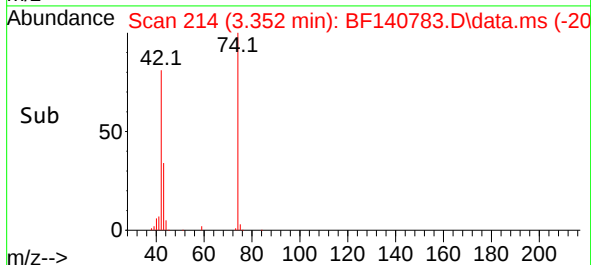
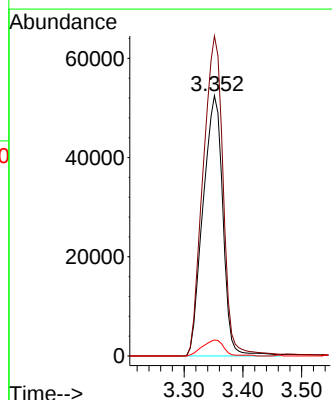
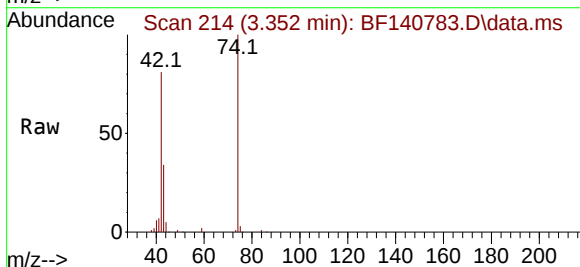
Tgt Ion: 42 Resp: 123101

Ion Ratio Lower Upper

42 100

74 123.0 93.8 140.6

44 6.1 4.6 6.8

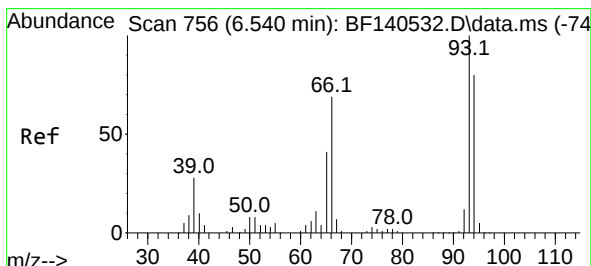
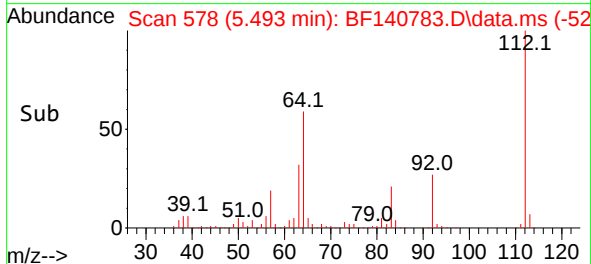
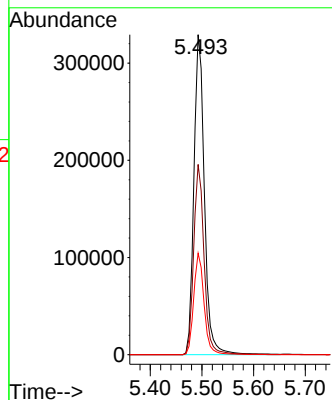
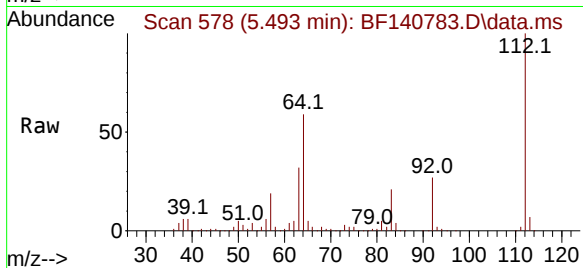




#5
2-Fluorophenol
Concen: 85.474 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

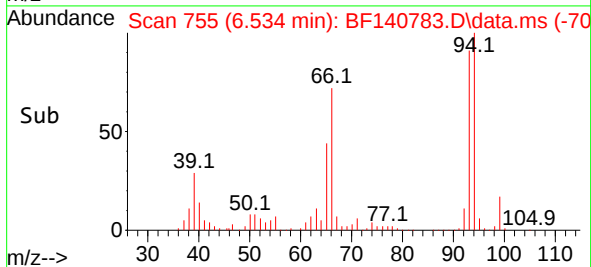
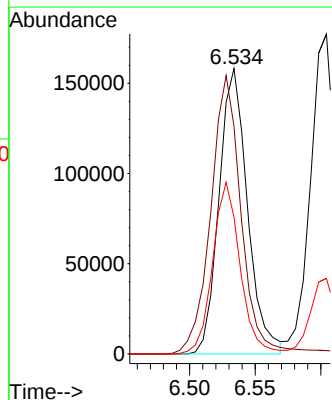
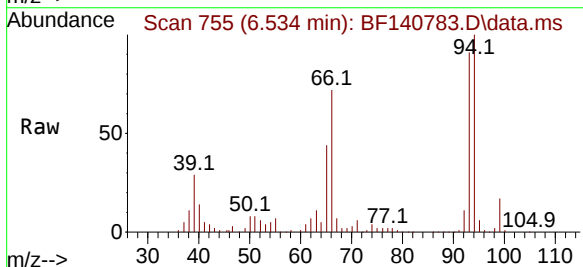
Instrument :
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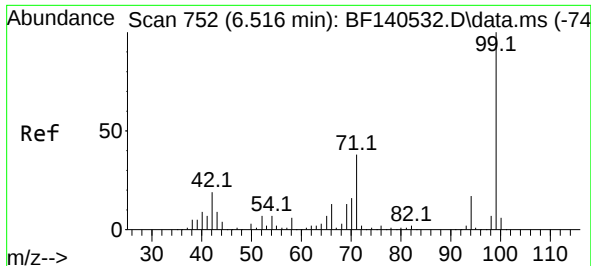
Tgt Ion:112 Resp: 465317
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 47.122 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 93 Resp: 238703
Ion Ratio Lower Upper
93 100
66 79.9 56.5 84.7
65 48.0 32.9 49.3

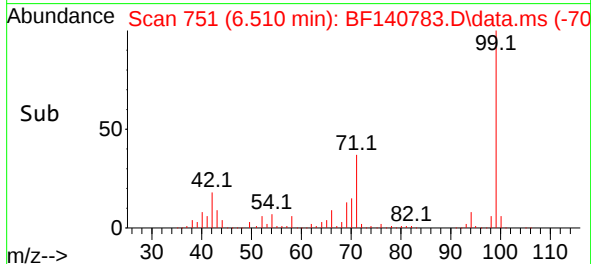
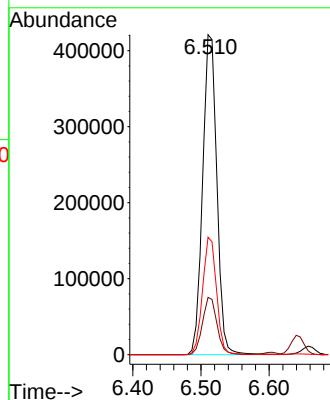
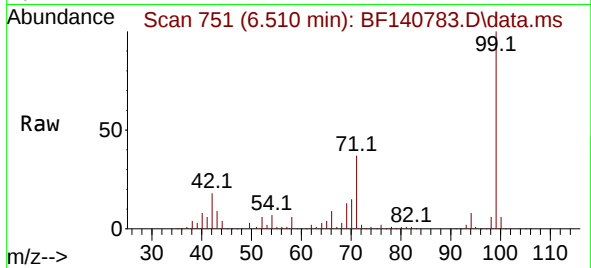




#7
Phenol-d6
Concen: 84.881 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

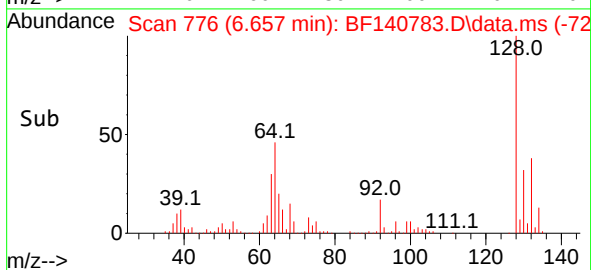
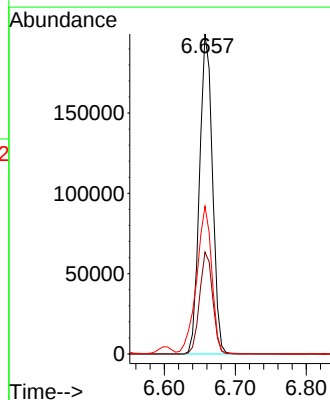
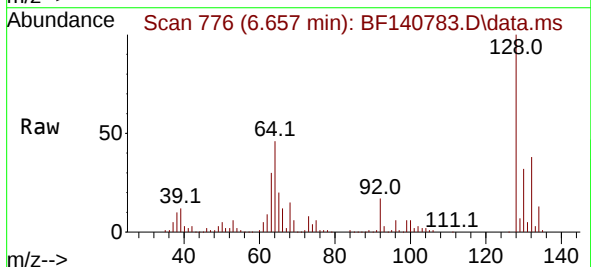
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

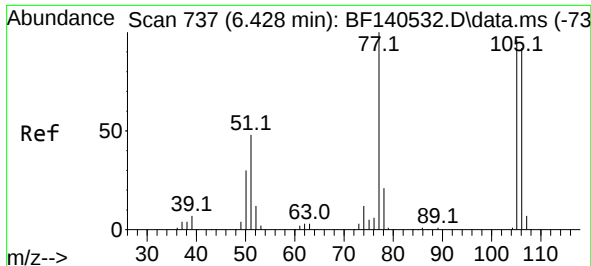
Tgt Ion: 99 Resp: 610888
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.7 30.6 46.0



#8
2-Chlorophenol
Concen: 43.213 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 128 Resp: 253095
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.894 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

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ClientSampleId :

SSTDCCC040

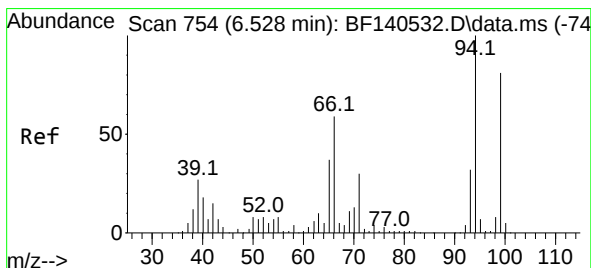
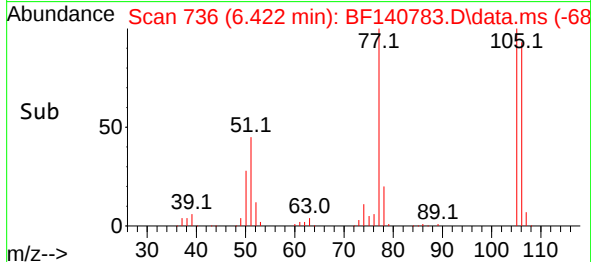
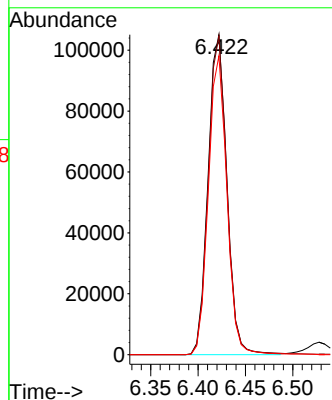
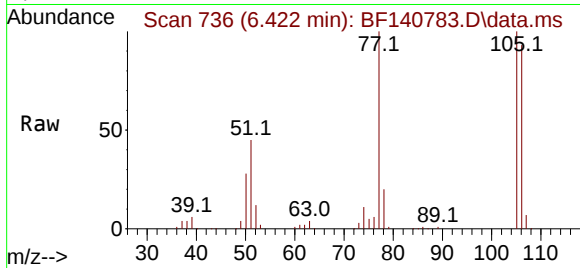
Tgt Ion: 77 Resp: 144377

Ion Ratio Lower Upper

77 100

105 99.5 75.6 115.6

106 93.4 72.0 112.0



#10

Phenol

Concen: 43.692 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

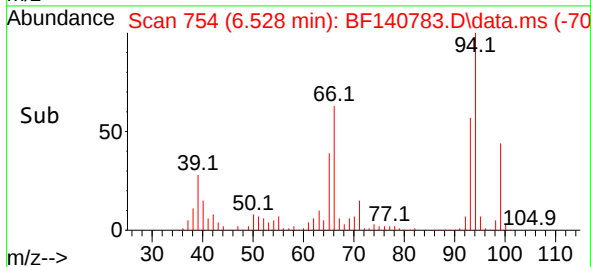
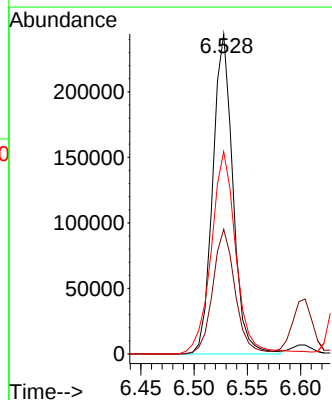
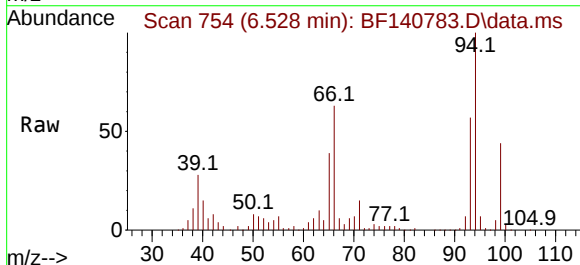
Tgt Ion: 94 Resp: 321134

Ion Ratio Lower Upper

94 100

65 38.9 17.2 57.2

66 63.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 42.398 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

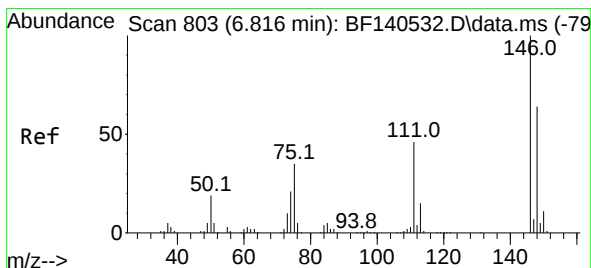
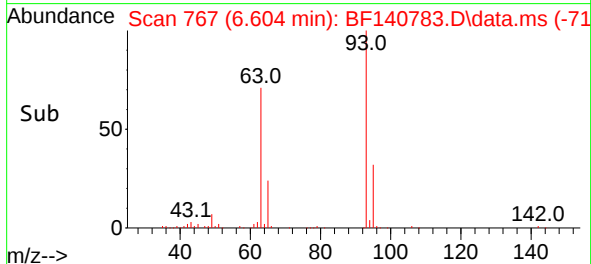
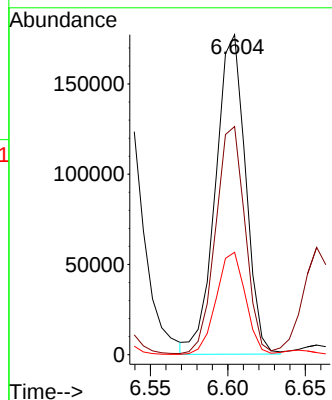
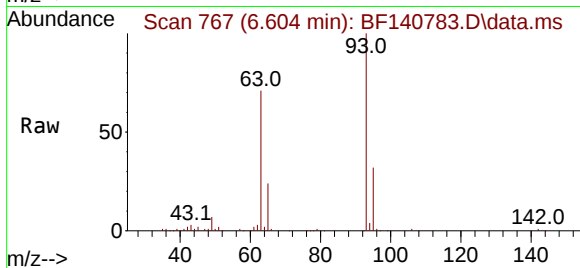
Tgt Ion: 93 Resp: 238461

Ion Ratio Lower Upper

93 100

63 71.3 52.8 92.8

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.976 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

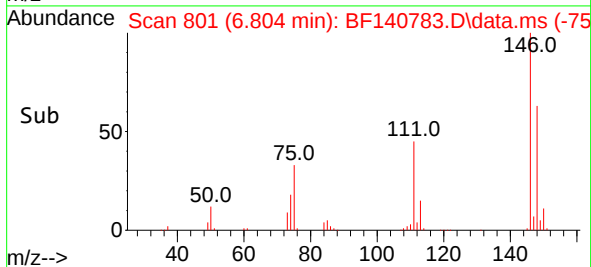
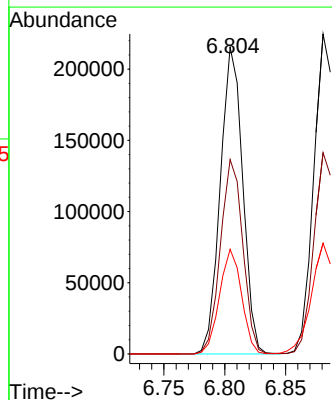
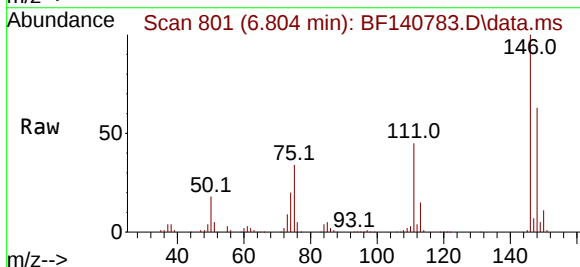
Tgt Ion:146 Resp: 276244

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

75 34.1 28.2 42.2

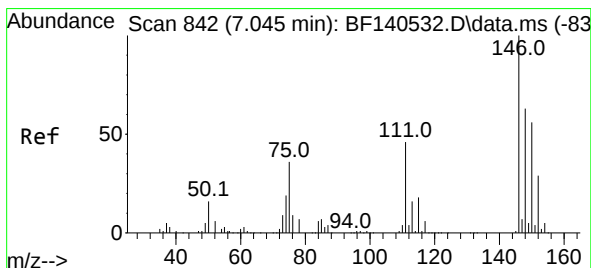
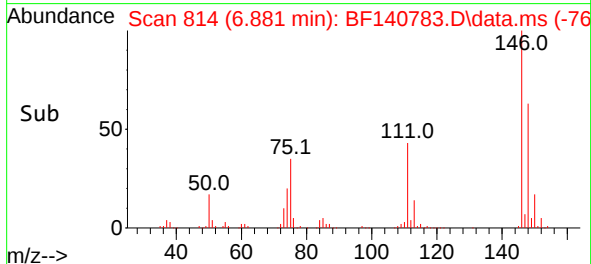
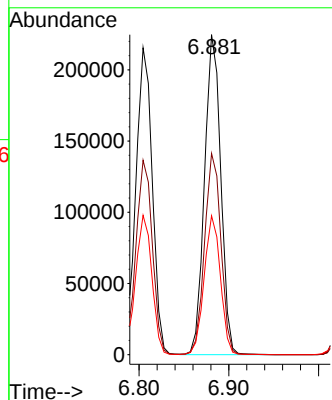
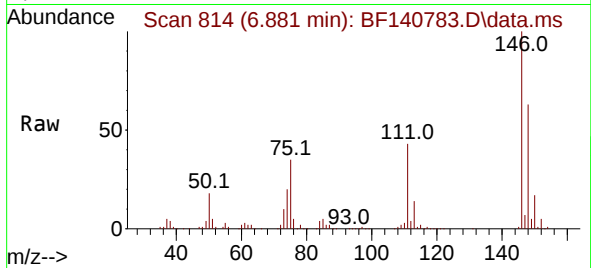




#13
1,4-Dichlorobenzene
Concen: 42.484 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

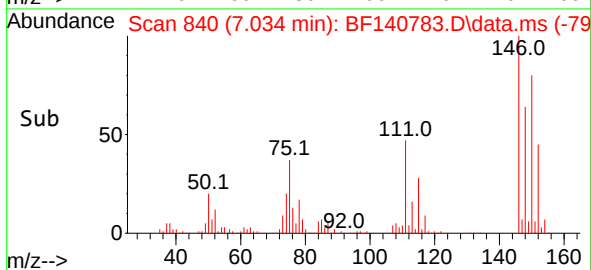
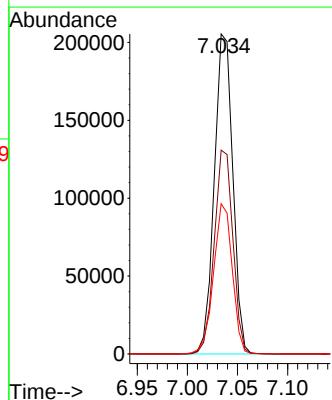
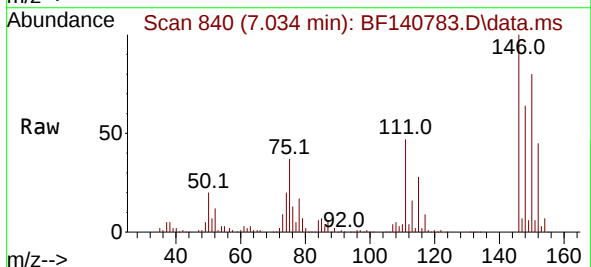
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 283097
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 42.270 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:146 Resp: 263935
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.9 36.7 55.1

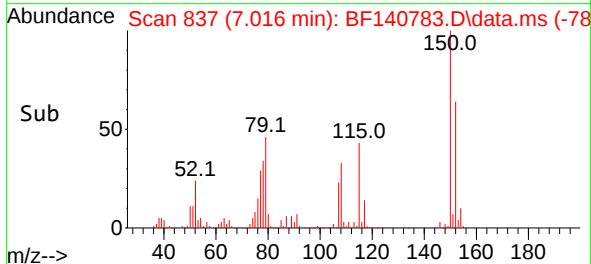
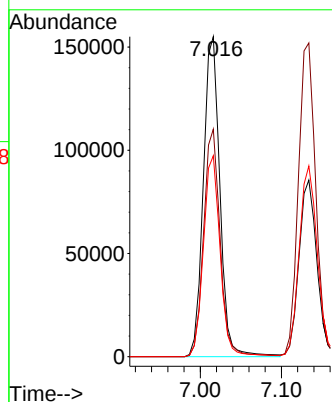
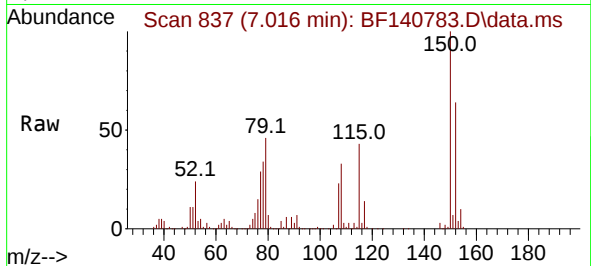




#15
Benzyl Alcohol
Concen: 41.129 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

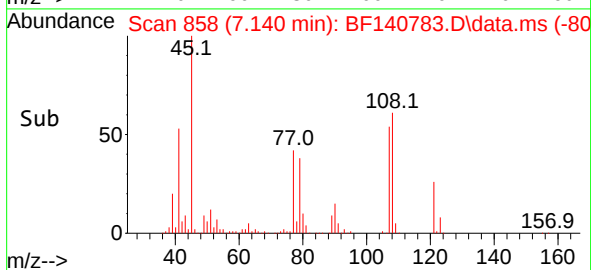
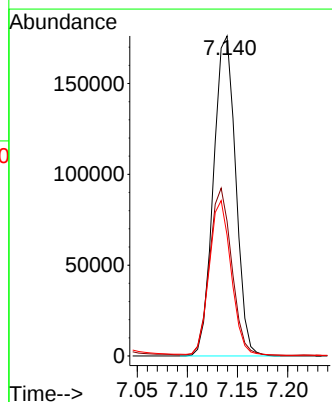
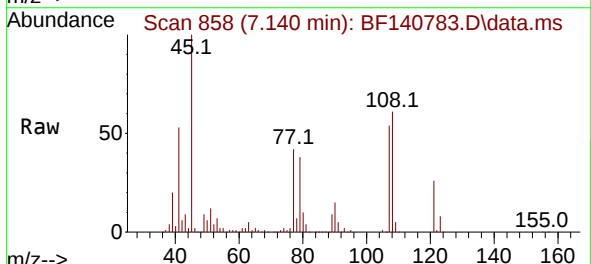
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

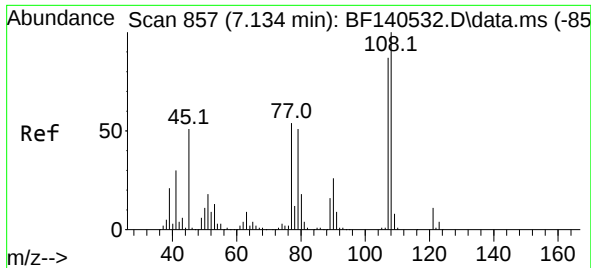
Tgt Ion: 79 Resp: 219516
Ion Ratio Lower Upper
79 100
108 71.1 55.0 82.6
77 62.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.876 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 45 Resp: 271607
Ion Ratio Lower Upper
45 100
77 42.1 10.7 50.7
79 37.7 7.0 47.0

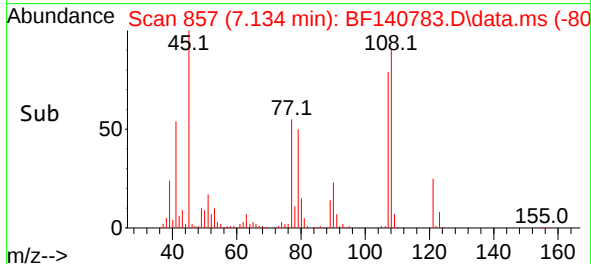
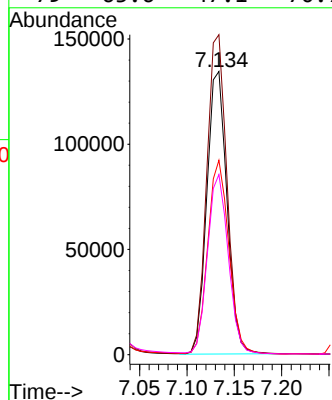
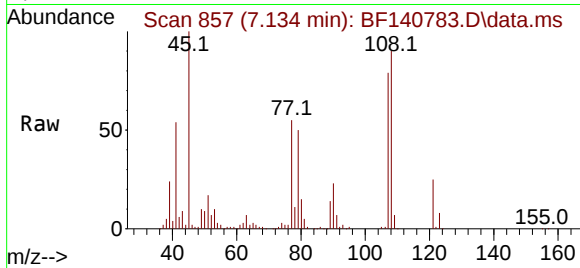




#17
2-Methylphenol
Concen: 42.276 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

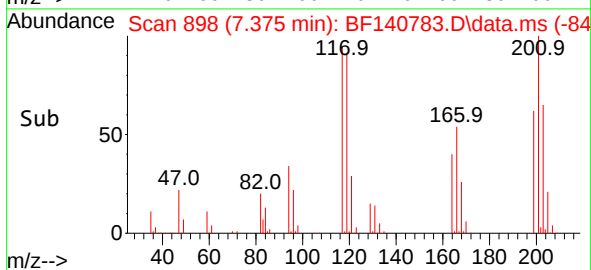
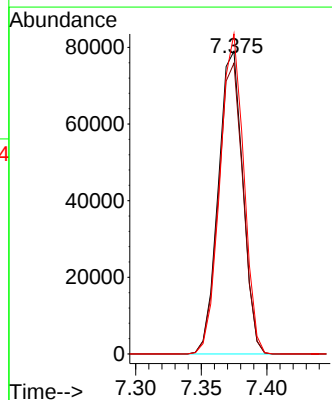
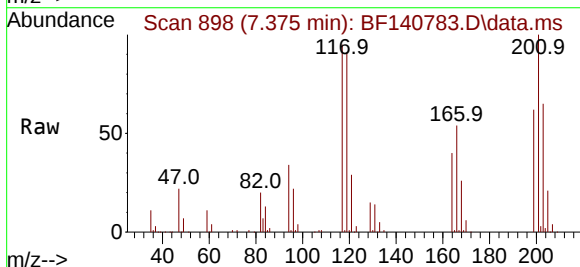
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

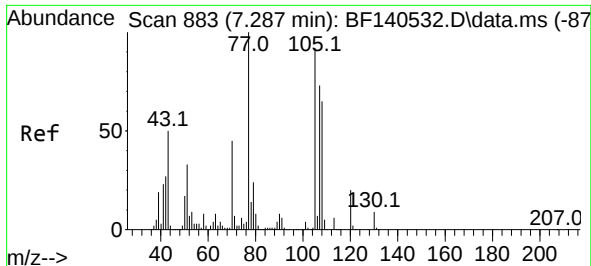
Tgt Ion:	107	Resp:	198206
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	68.7	49.3	73.9
79	63.6	47.1	70.7



#18
Hexachloroethane
Concen: 41.293 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	117	Resp:	102767
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	105.7	81.1	121.7



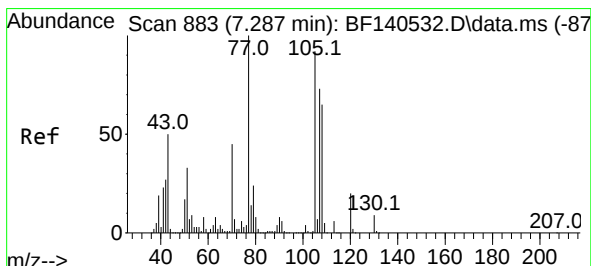
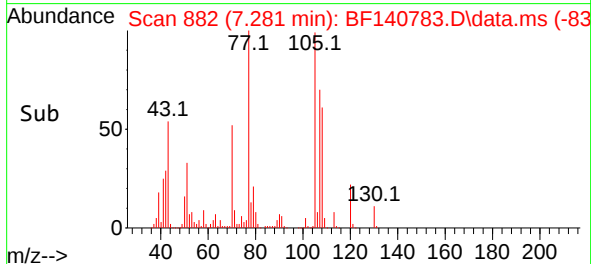
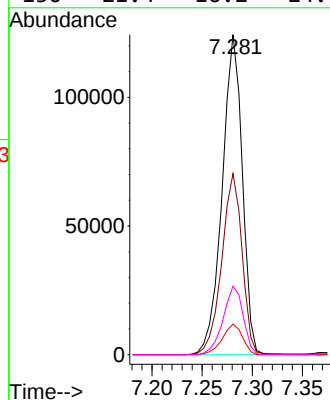
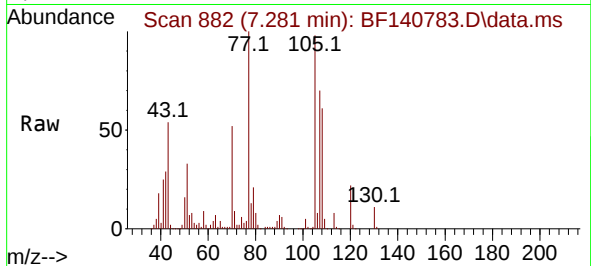


#19
n-Nitroso-di-n-propylamine
Concen: 40.758 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 173362

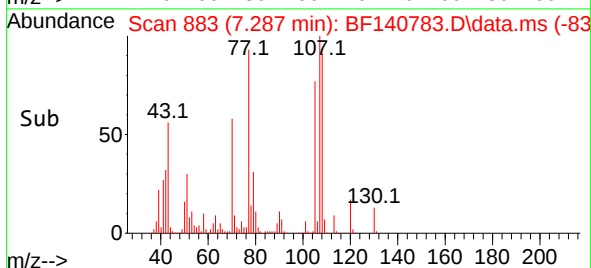
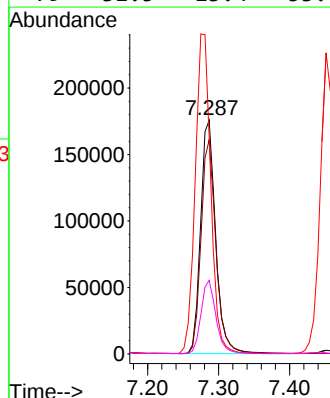
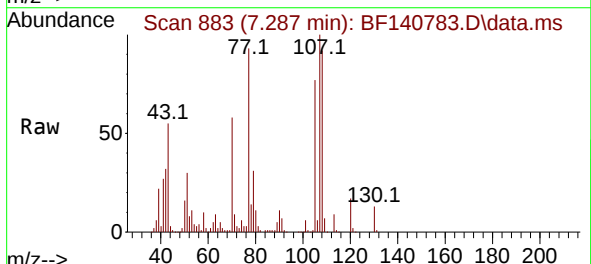
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.6	71.4
101	9.5	7.6	11.4
130	21.4	16.2	24.4

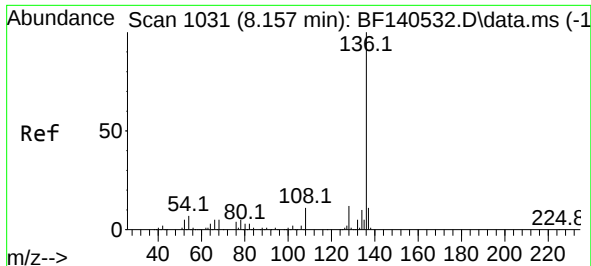


#20
3+4-Methylphenols
Concen: 42.944 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 107 Resp: 258788

Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	92.7	117.7	157.7#
79	31.5	13.4	53.4

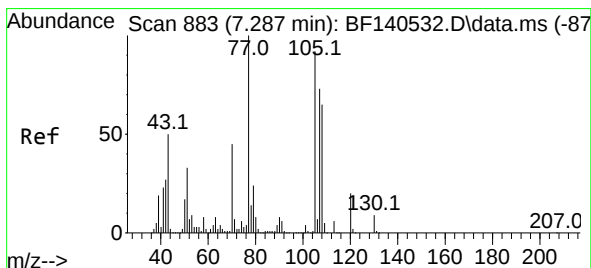
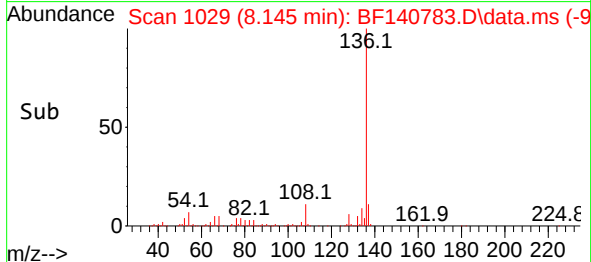
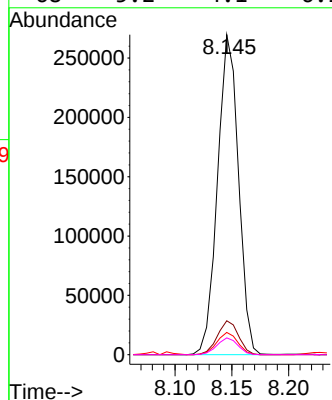
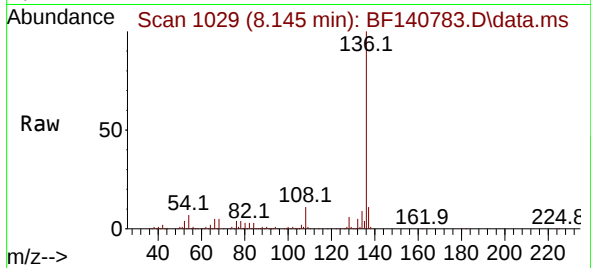




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

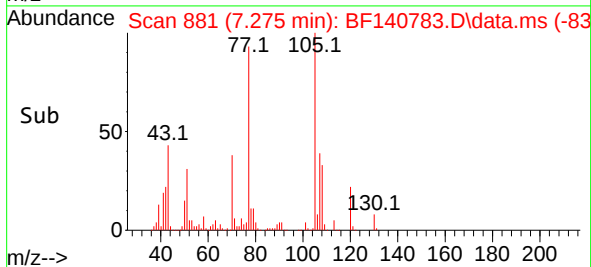
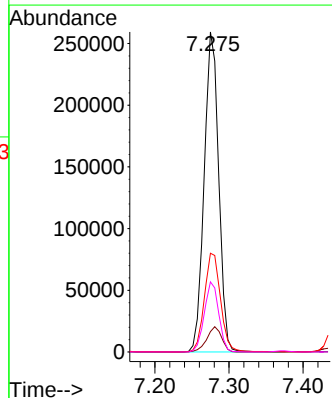
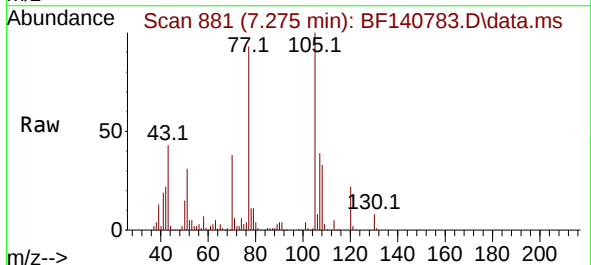
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion:136	Resp:	346239
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.0	5.8	8.8
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 41.813 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt	Ion:105	Resp:	352947
Ion	Ratio	Lower	Upper
105	100		
71	6.3	6.2	9.2
51	30.9	29.0	43.6
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 82.782 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

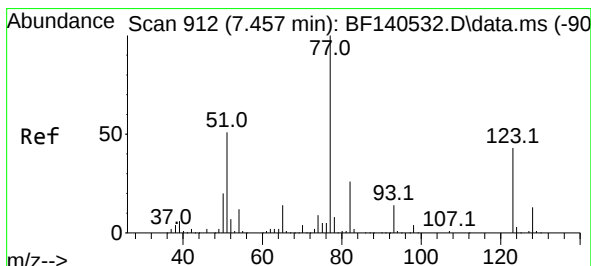
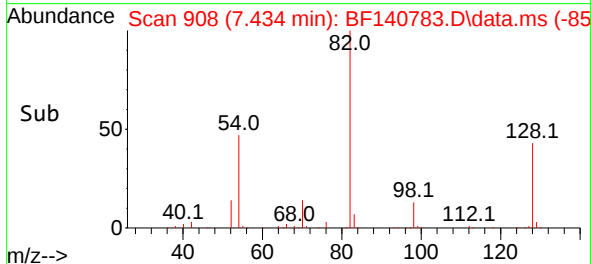
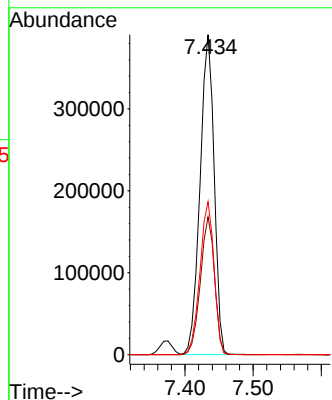
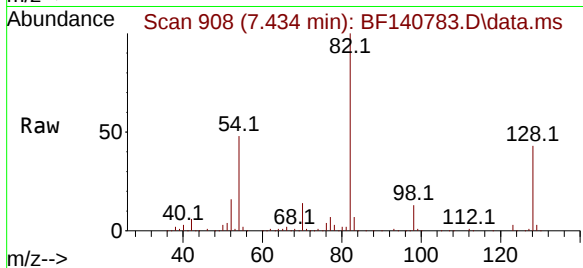
Tgt Ion: 82 Resp: 560358

Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

54 47.8 39.5 59.3



#24

Nitrobenzene

Concen: 41.497 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

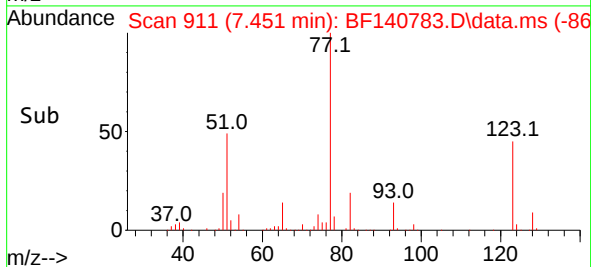
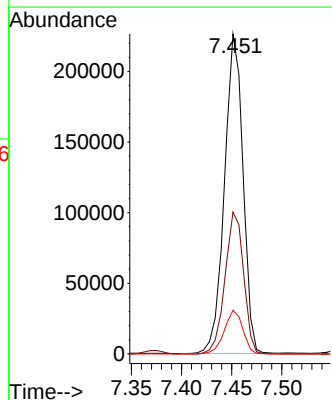
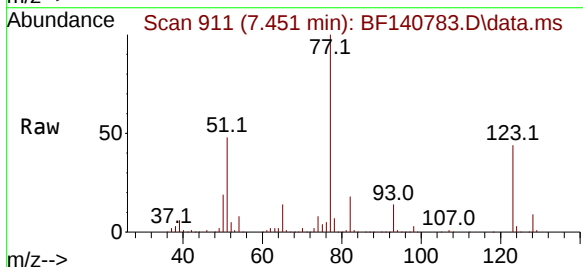
Tgt Ion: 77 Resp: 290315

Ion Ratio Lower Upper

77 100

123 44.3 34.3 51.5

65 13.7 11.2 16.8

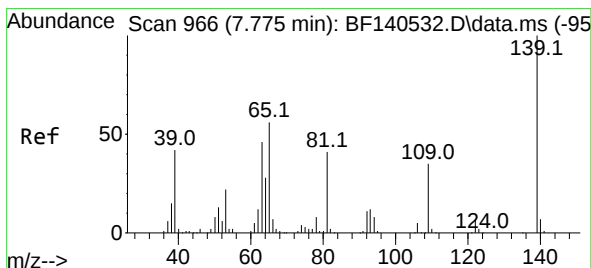
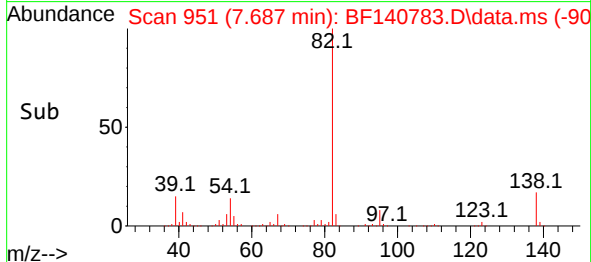
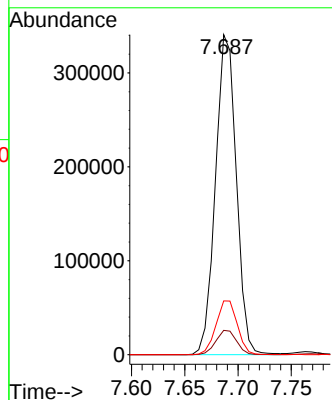
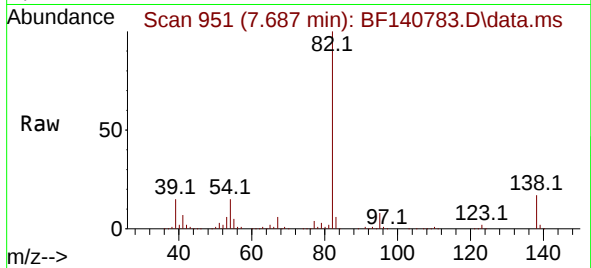




#25
Isophorone
Concen: 41.052 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

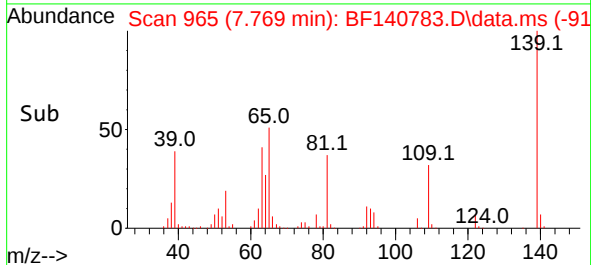
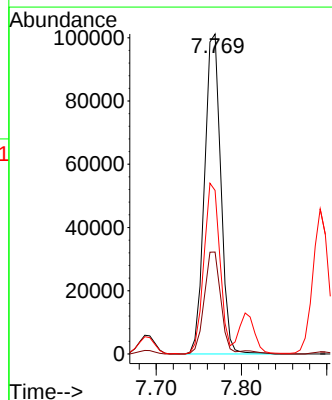
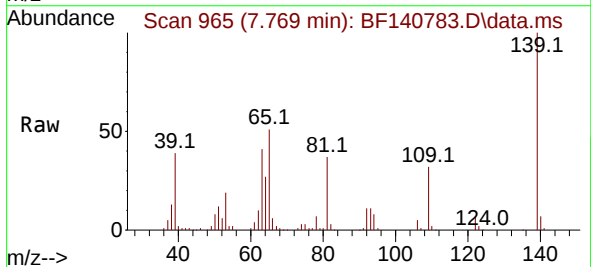
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

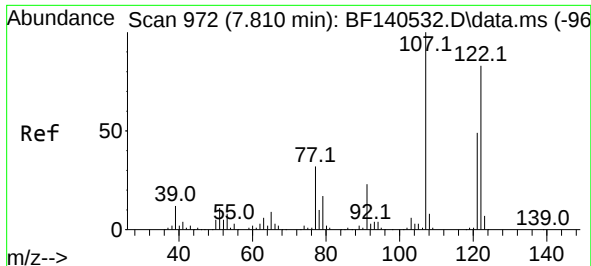
Tgt Ion: 82 Resp: 463484
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 43.168 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 133835
Ion Ratio Lower Upper
139 100
109 31.8 28.0 42.0
65 51.1 44.6 67.0

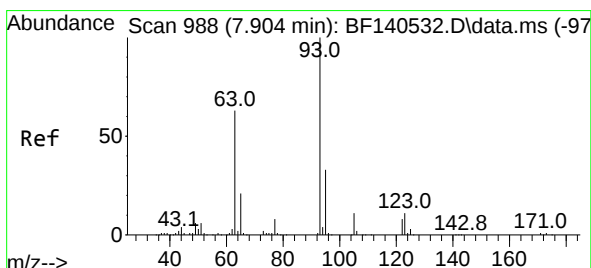
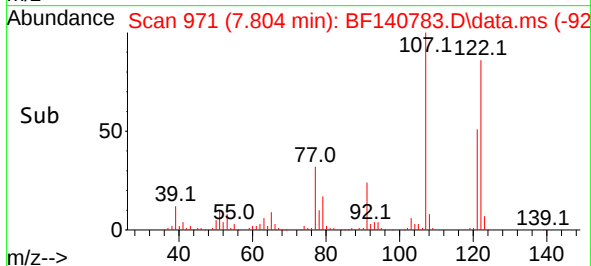
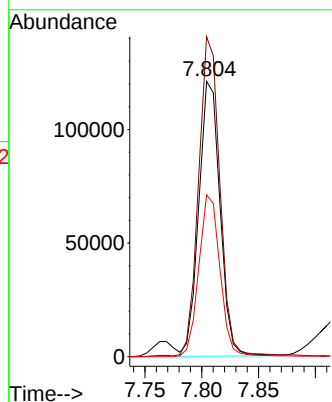
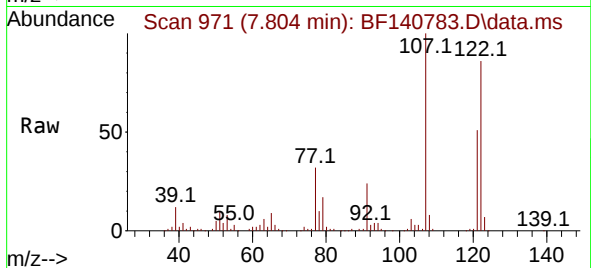




#27
2,4-Dimethylphenol
Concen: 42.287 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

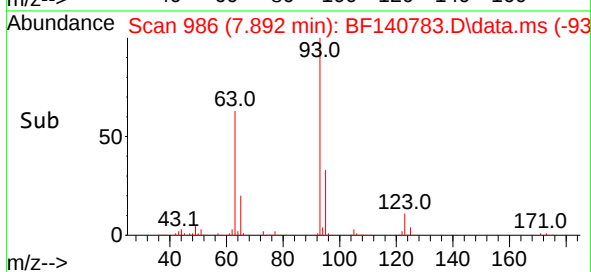
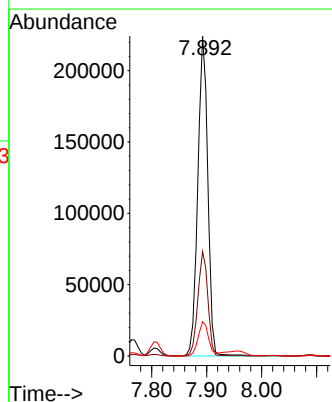
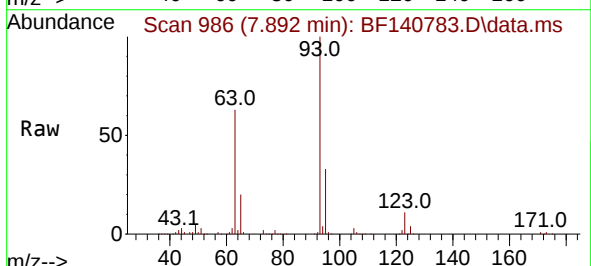
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 156863
Ion Ratio Lower Upper
122 100
107 116.2 96.8 145.2
121 58.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.237 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 93 Resp: 283632
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.123 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

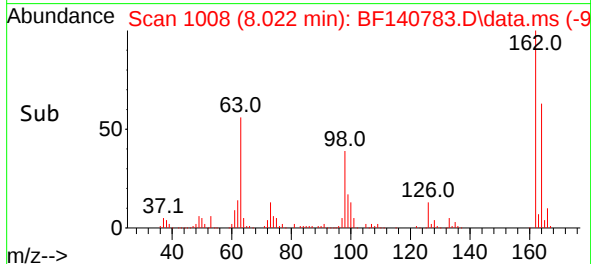
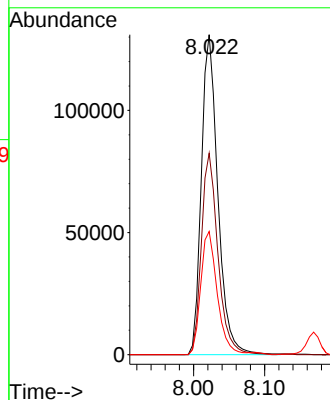
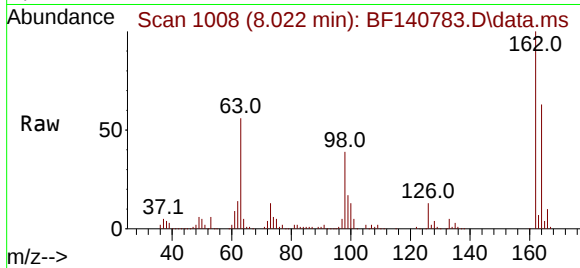
Tgt Ion:162 Resp: 211966

Ion Ratio Lower Upper

162 100

164 62.9 44.8 84.8

98 38.5 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 42.180 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

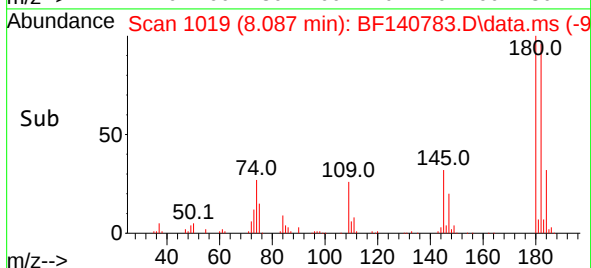
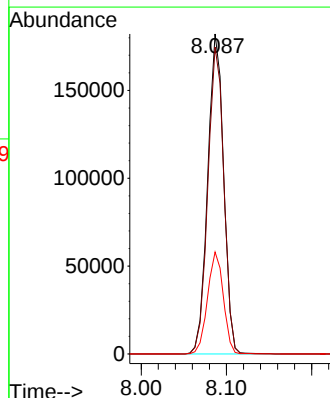
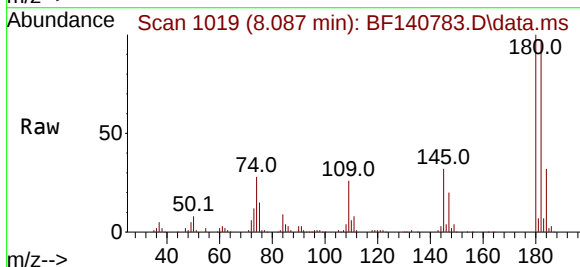
Tgt Ion:180 Resp: 236722

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 31.9 25.9 38.9

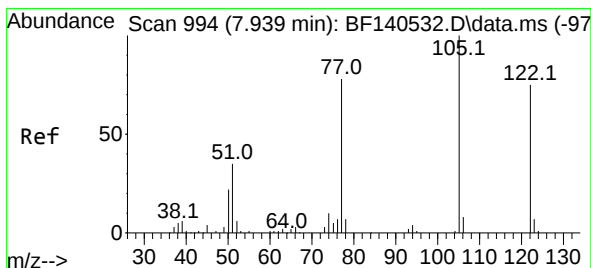
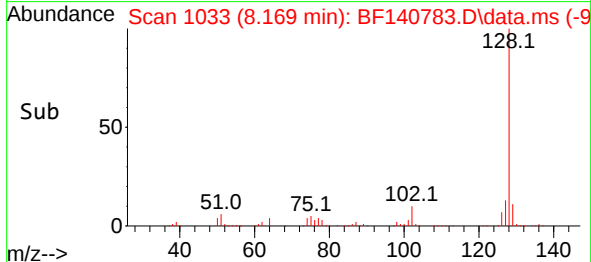
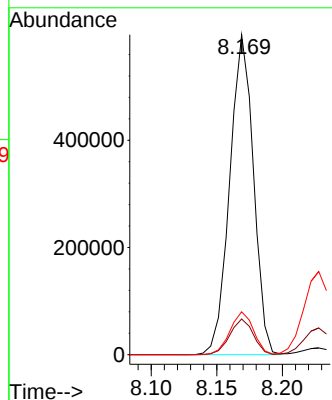
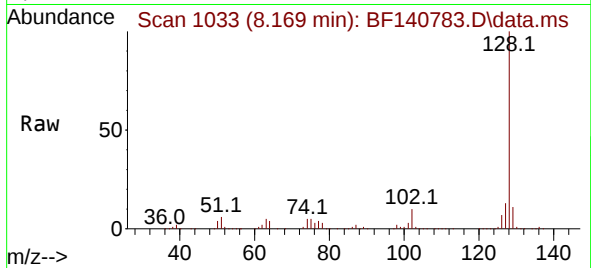




#31
Naphthalene
Concen: 42.079 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

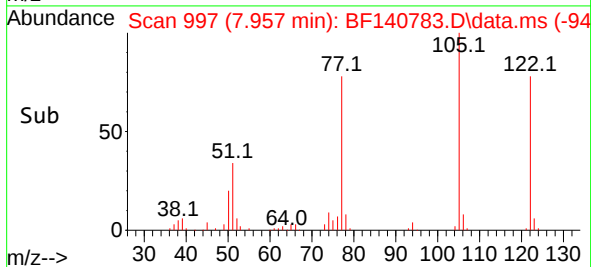
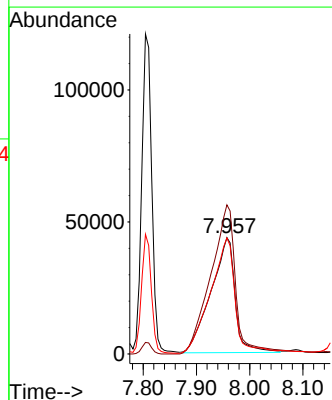
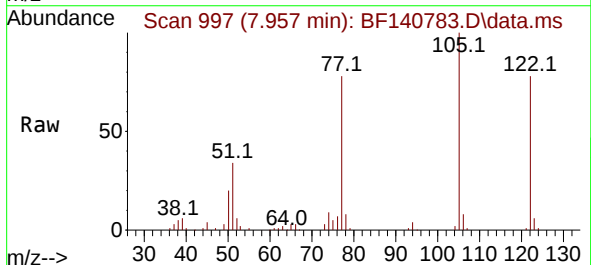
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 750453
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.409 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:122 Resp: 137515
Ion Ratio Lower Upper
122 100
105 128.2 109.3 149.3
77 99.7 82.3 122.3

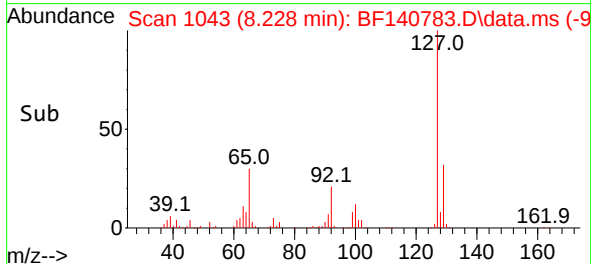
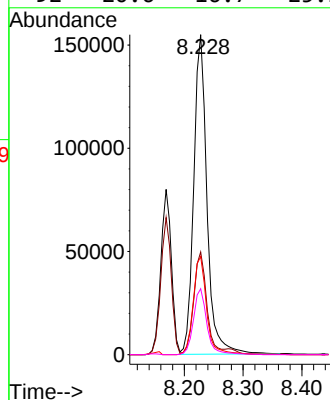
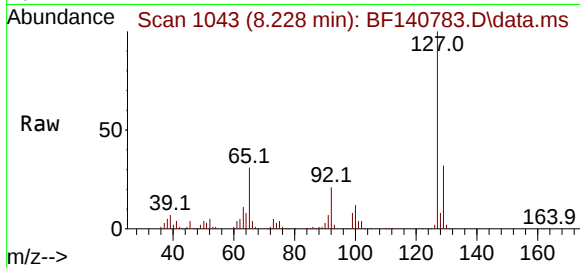




#33
4-Chloroaniline
Concen: 45.404 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

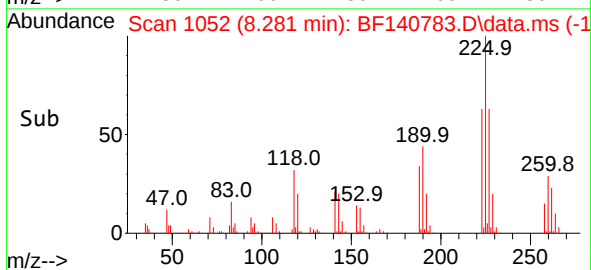
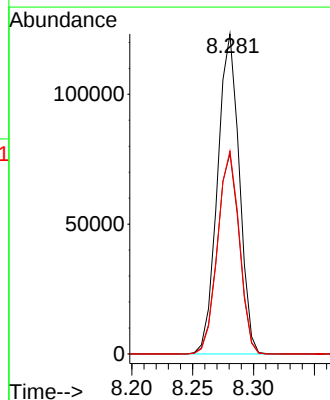
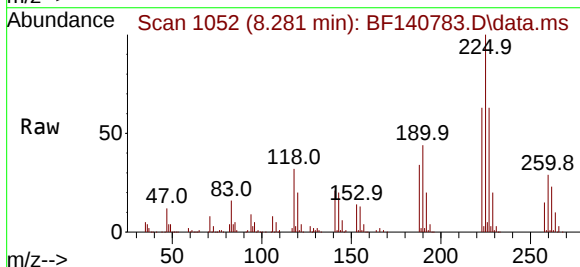
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

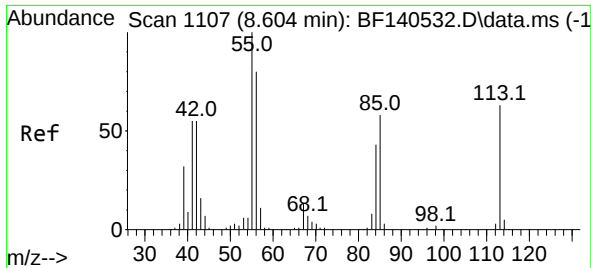
Tgt Ion:	127	Resp:	242443
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.7	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.194 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	225	Resp:	153128
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.5	51.3	76.9

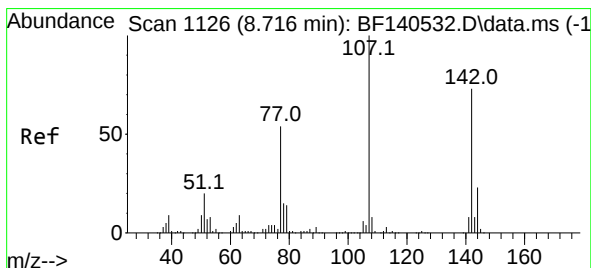
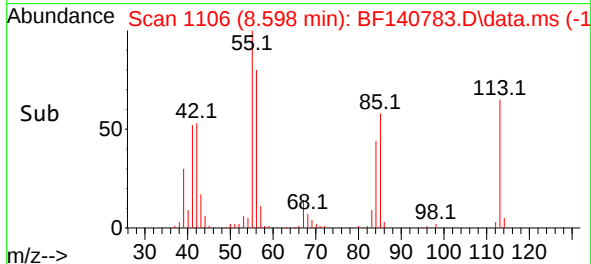
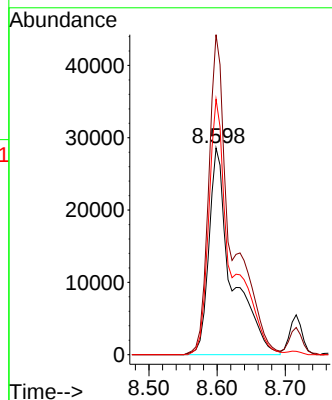
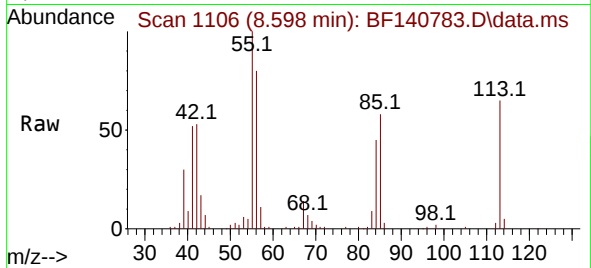




#35
 Caprolactam
 Concen: 43.862 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

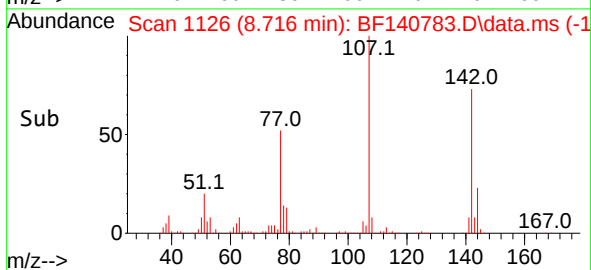
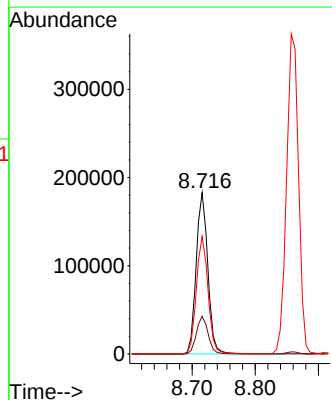
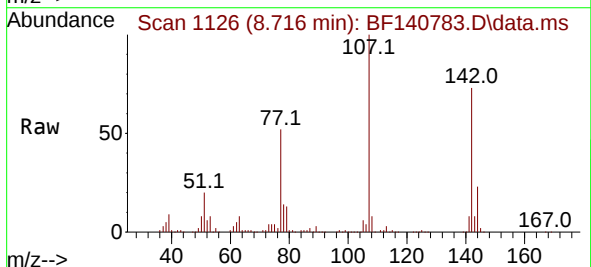
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

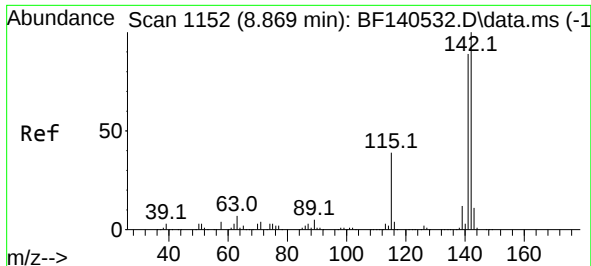
Tgt Ion:113 Resp: 66720
 Ion Ratio Lower Upper
 113 100
 55 154.8 137.7 177.7
 56 123.6 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.668 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion:107 Resp: 234815
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 72.7 58.3 87.5





#37

2-Methylnaphthalene

Concen: 41.962 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

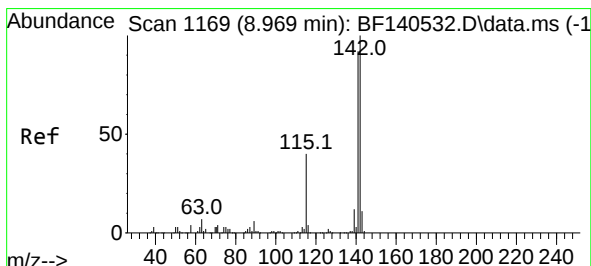
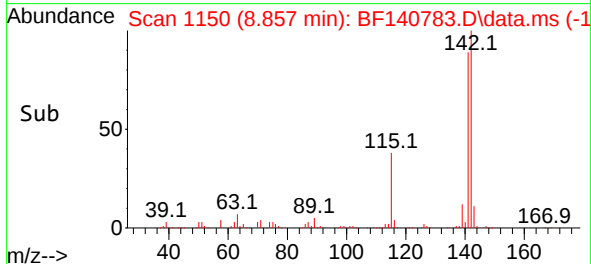
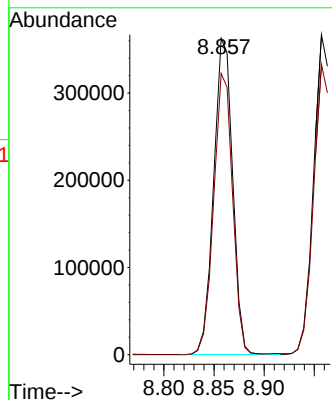
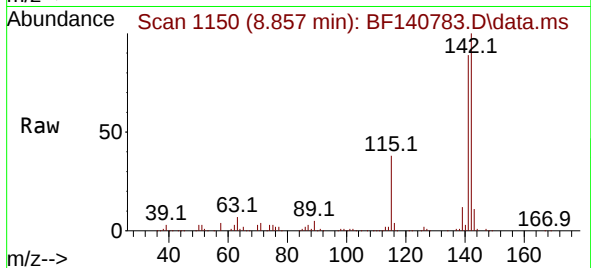
SSTDCCC040

Tgt Ion:142 Resp: 475327

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.163 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140783.D

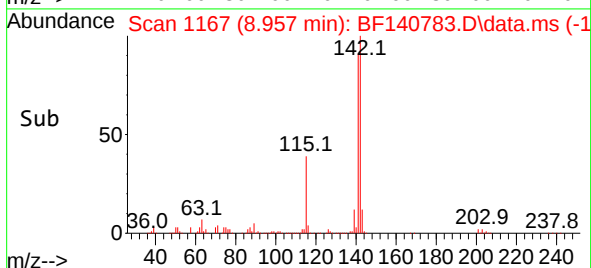
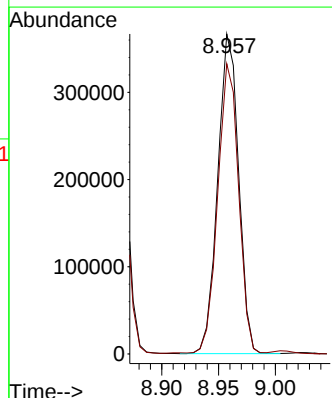
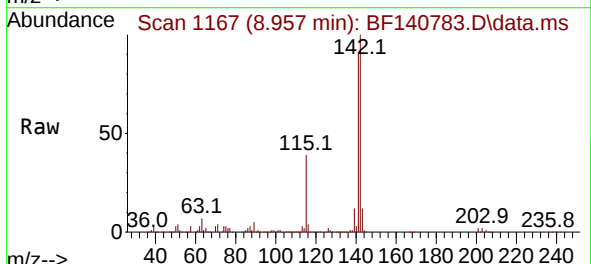
Acq: 09 Dec 2024 12:21

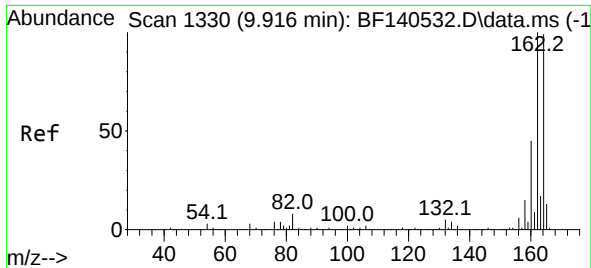
Tgt Ion:142 Resp: 468155

Ion Ratio Lower Upper

142 100

141 90.7 73.3 109.9

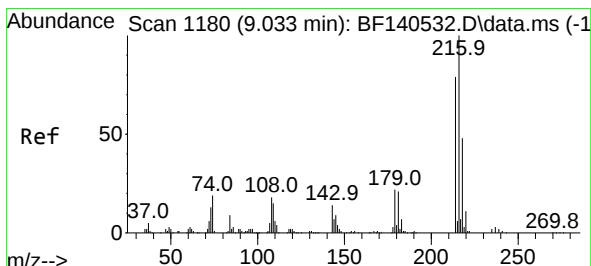
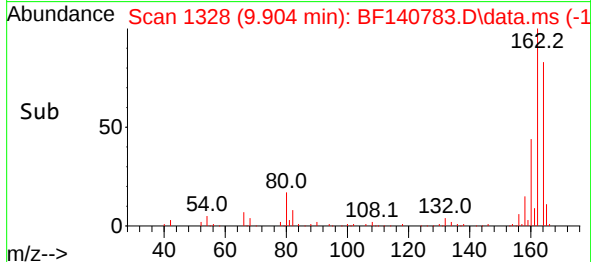
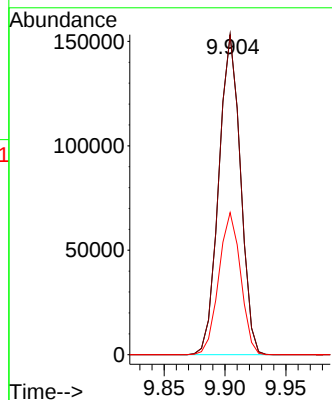
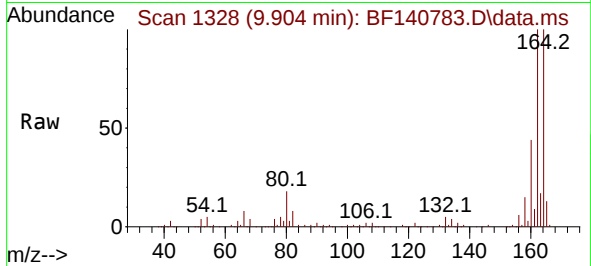




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

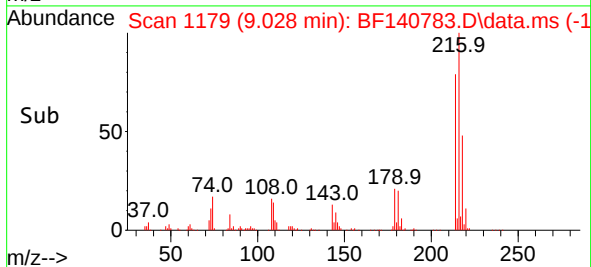
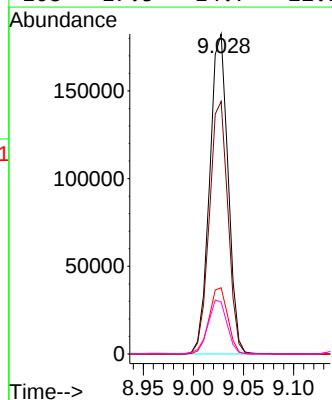
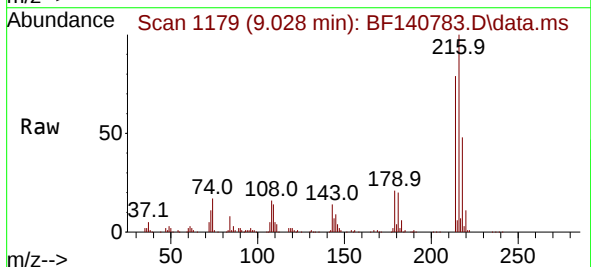
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 189814
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.999 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:216 Resp: 233383
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 20.8 17.5 26.3
108 17.5 14.7 22.1

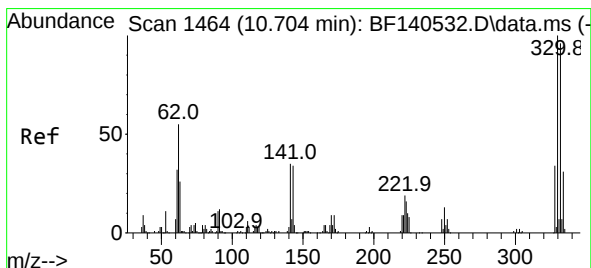
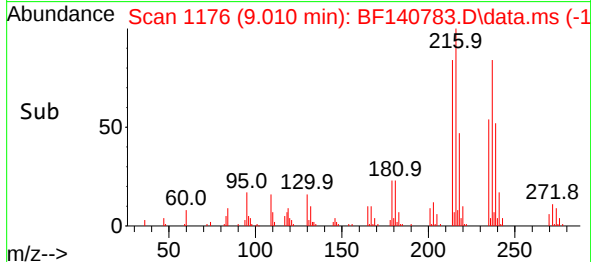
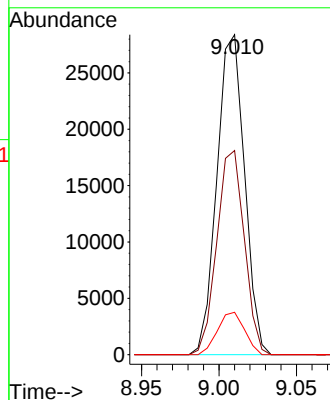
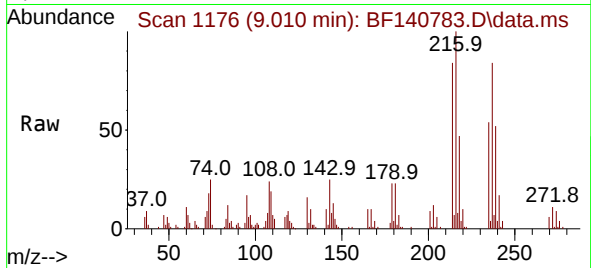




#41
Hexachlorocyclopentadiene
Concen: 32.913 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

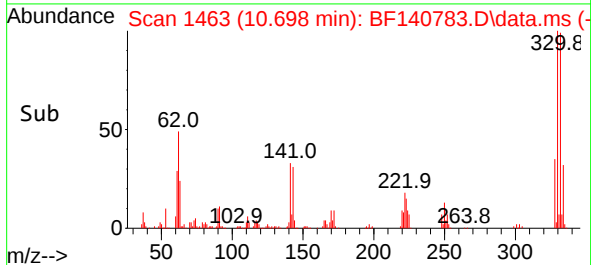
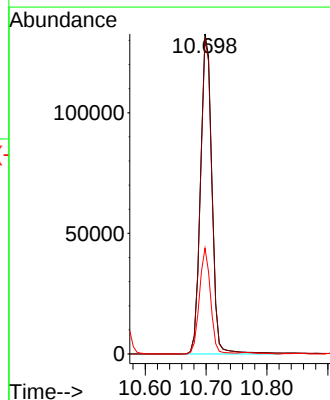
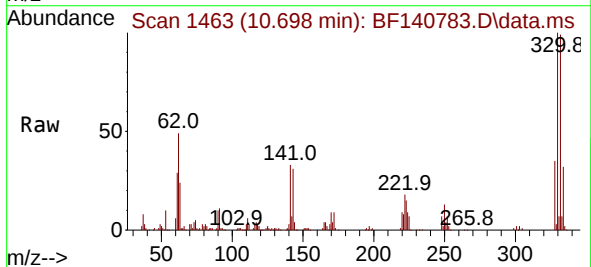
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 35211
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 85.503 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:330 Resp: 173577
Ion Ratio Lower Upper
330 100
332 99.1 76.9 115.3
141 31.9 26.7 40.1

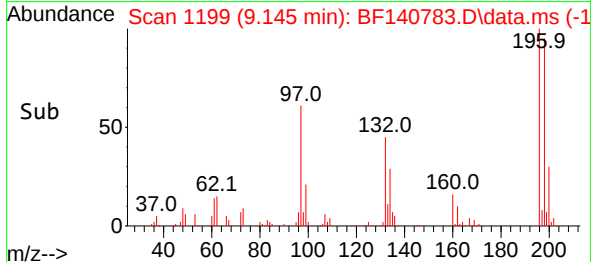
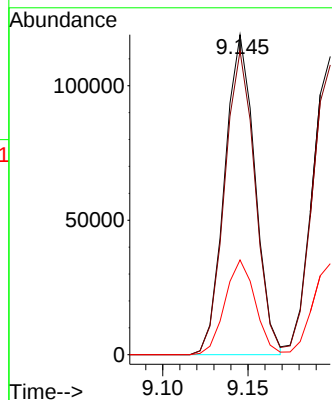
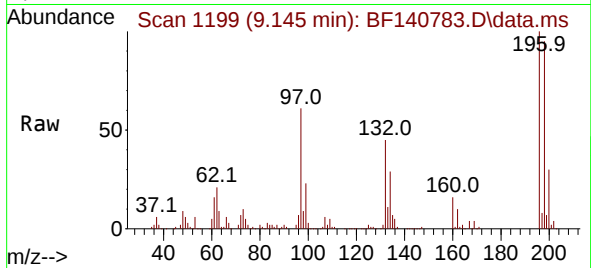




#43
2,4,6-Trichlorophenol
Concen: 42.170 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

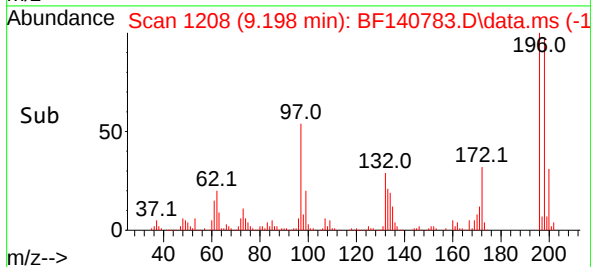
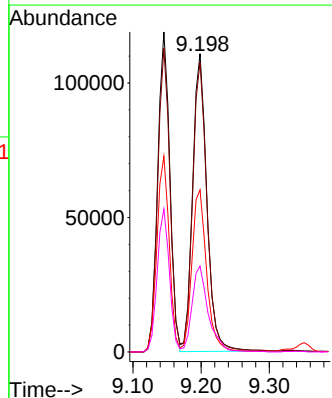
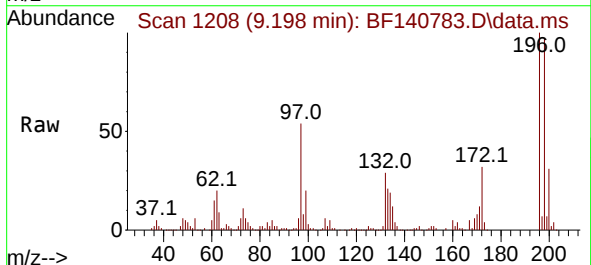
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

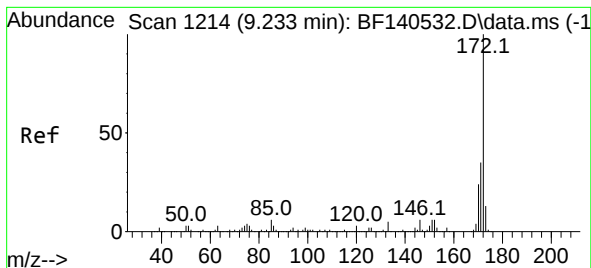
Tgt Ion:196 Resp: 147039
Ion Ratio Lower Upper
196 100
198 94.9 76.8 115.2
200 29.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 42.385 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:196 Resp: 160393
Ion Ratio Lower Upper
196 100
198 97.2 77.2 115.8
97 54.4 47.1 70.7
132 28.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 83.324 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

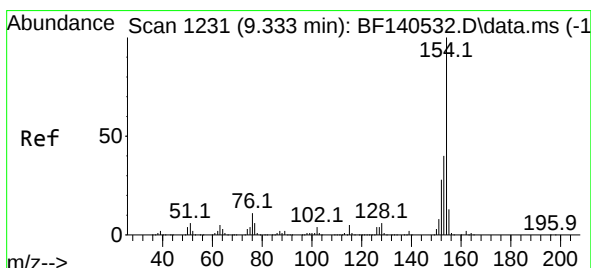
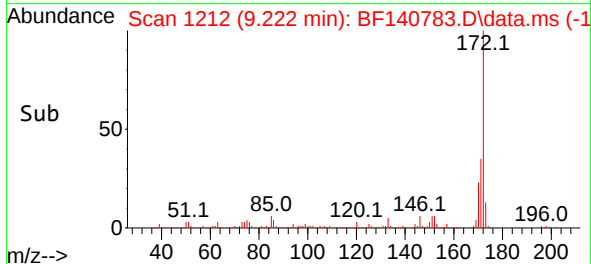
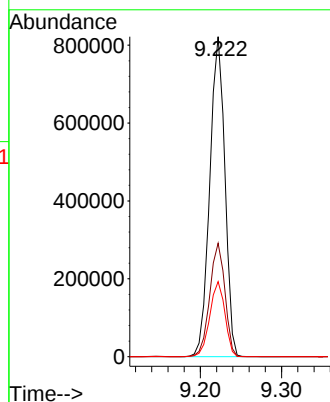
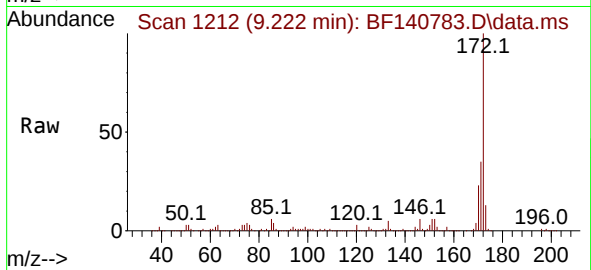
Tgt Ion:172 Resp: 1061518

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.803 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

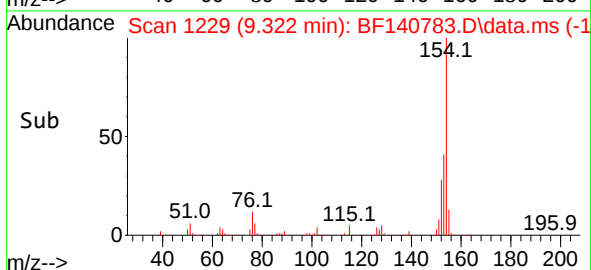
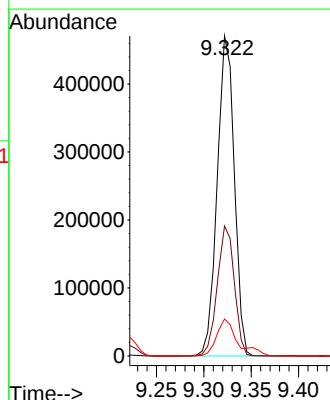
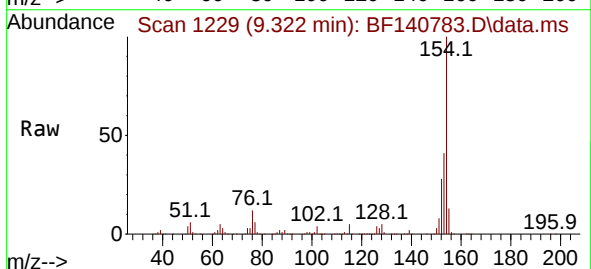
Tgt Ion:154 Resp: 592420

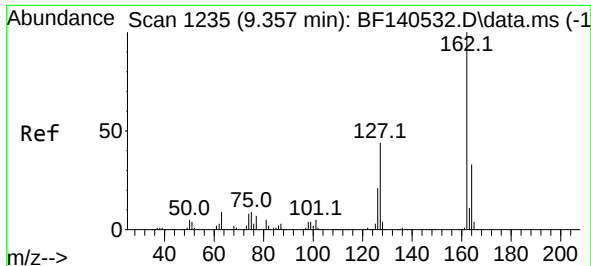
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.6 0.0 31.2

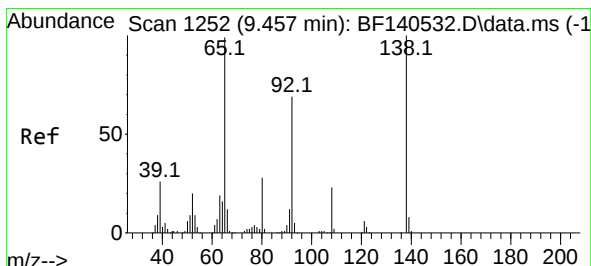
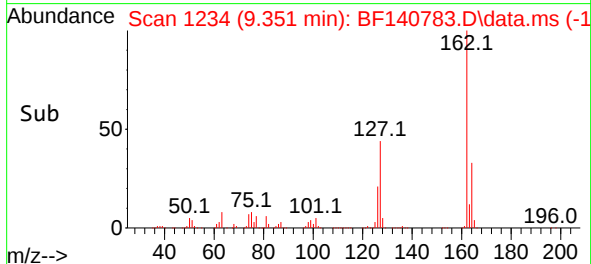
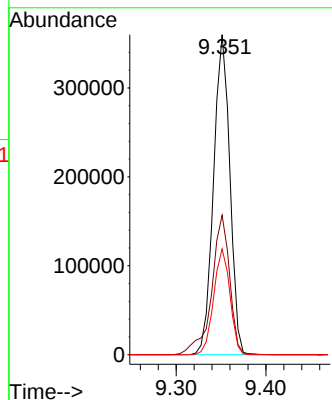
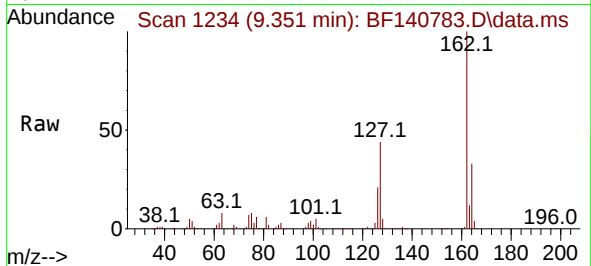




#47
2-Chloronaphthalene
Concen: 42.280 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

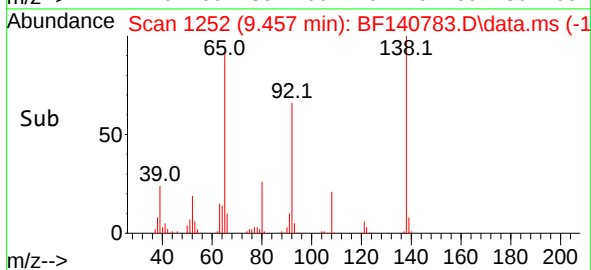
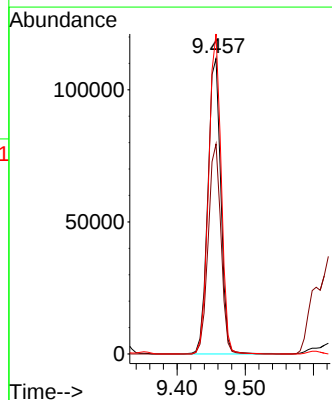
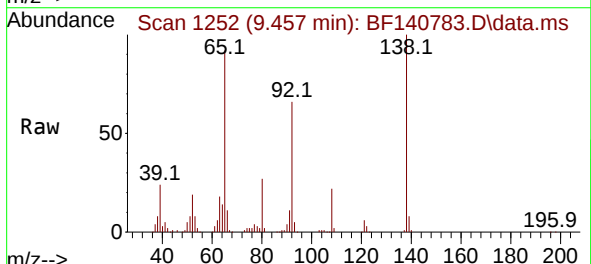
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

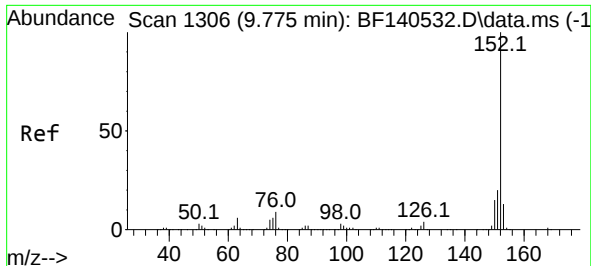
Tgt Ion:162 Resp: 454016
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 42.872 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 65 Resp: 147770
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 108.3 81.0 121.6





#49

Acenaphthylene

Concen: 42.350 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

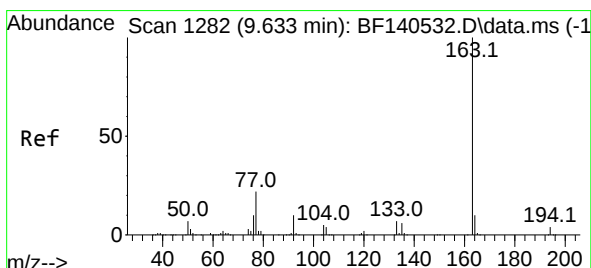
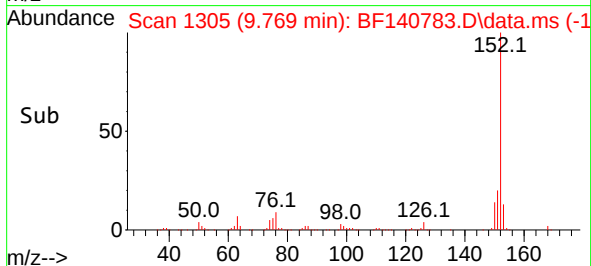
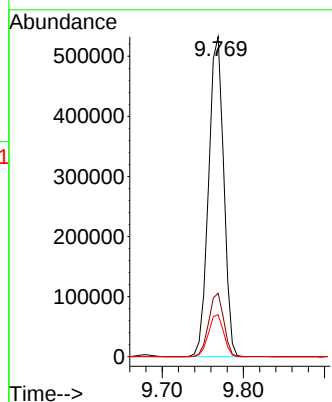
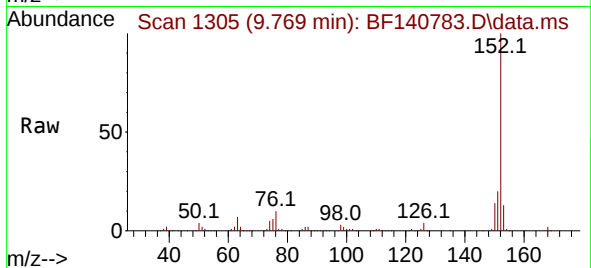
Tgt Ion:152 Resp: 687115

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 41.436 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

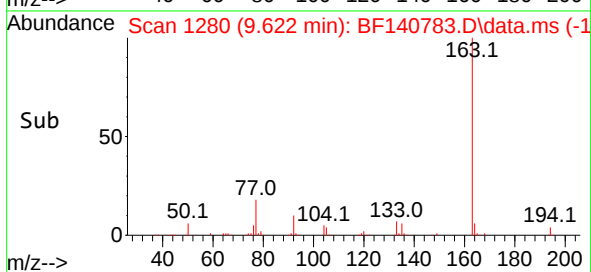
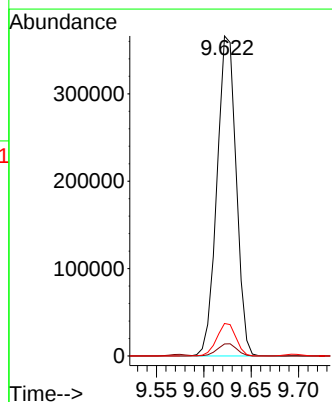
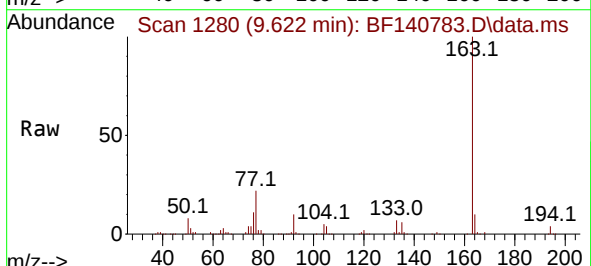
Tgt Ion:163 Resp: 517989

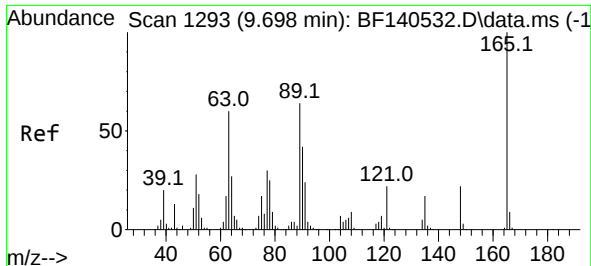
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.2 12.2

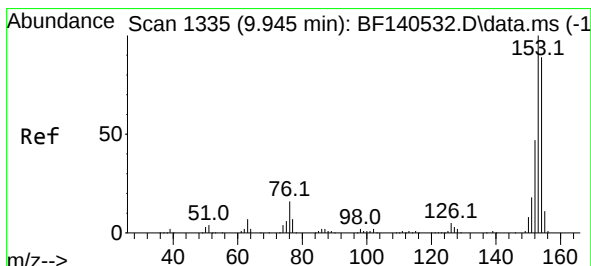
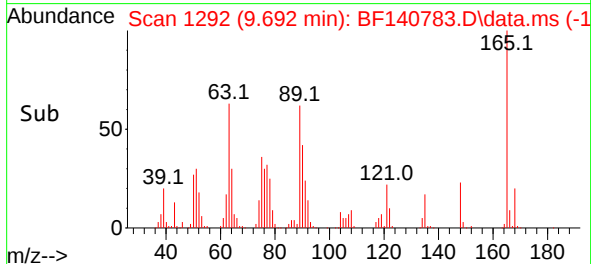
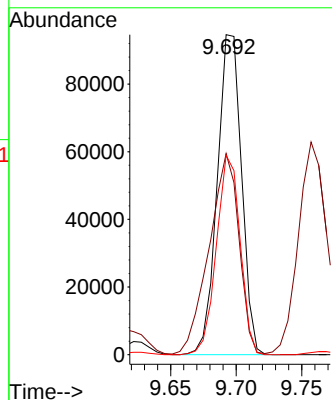
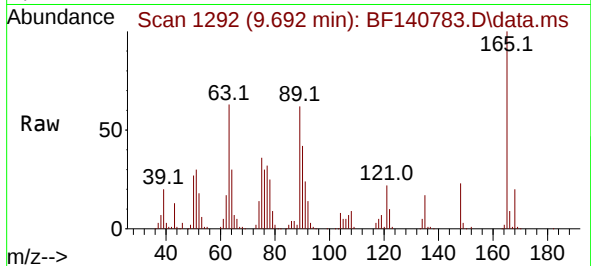




#51
2,6-Dinitrotoluene
Concen: 43.017 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

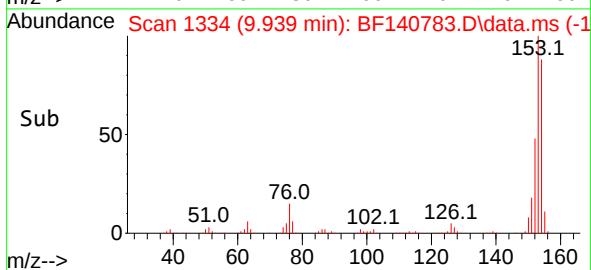
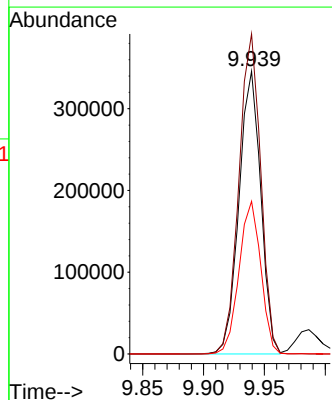
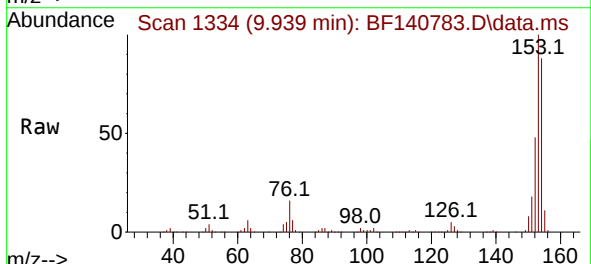
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

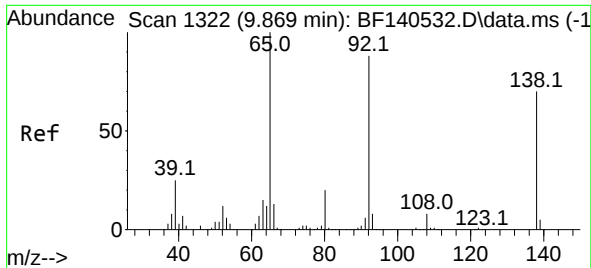
Tgt Ion:165 Resp: 121961
Ion Ratio Lower Upper
165 100
63 62.8 49.9 74.9
89 62.3 50.9 76.3



#52
Acenaphthene
Concen: 41.812 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:154 Resp: 431042
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 54.0 42.5 63.7

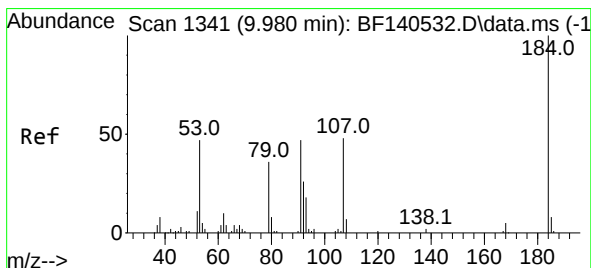
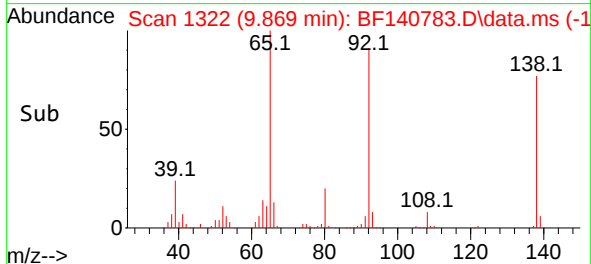
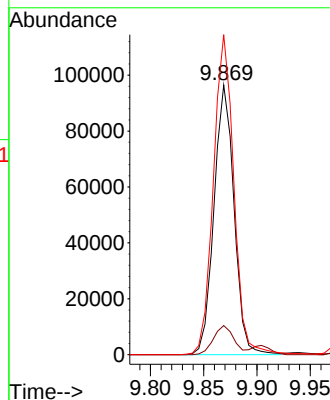
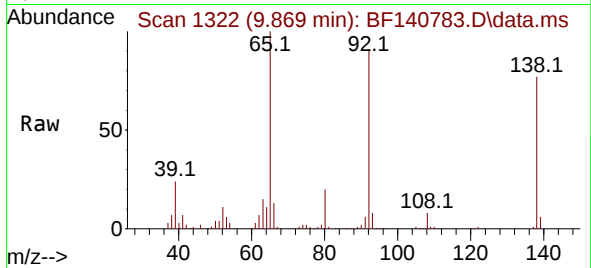




#53
3-Nitroaniline
Concen: 45.543 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

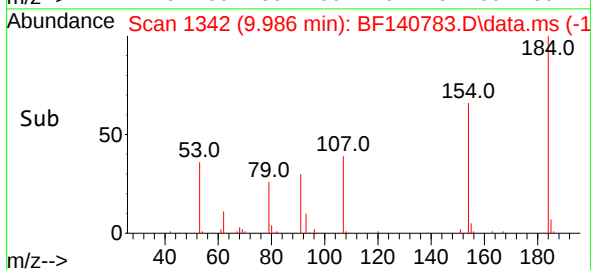
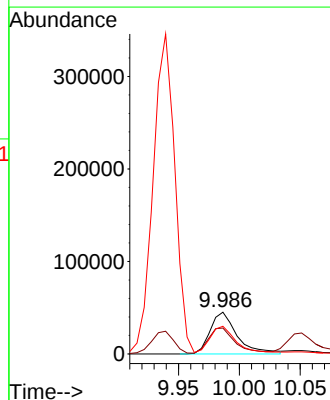
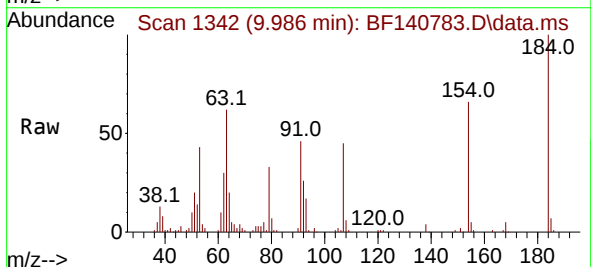
Instrument :
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ClientSampleId :
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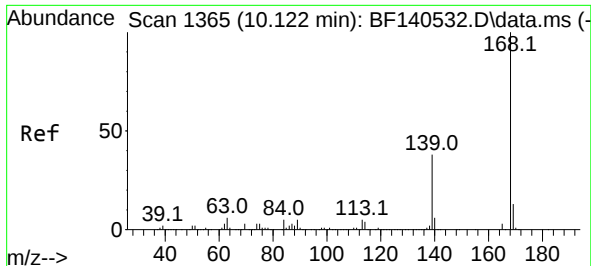
Tgt Ion:138 Resp: 126289
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 118.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 50.797 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:184 Resp: 69941
Ion Ratio Lower Upper
184 100
63 62.0 54.1 81.1
154 66.2 57.4 86.0

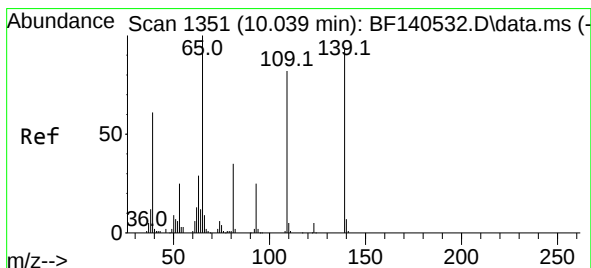
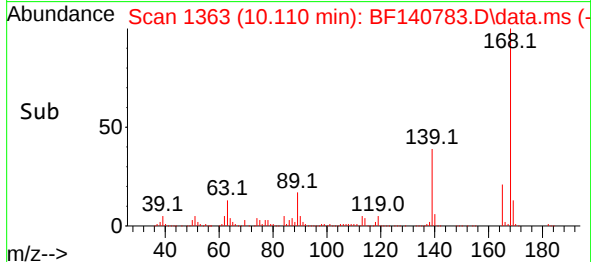
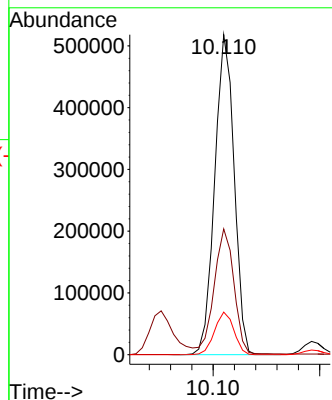
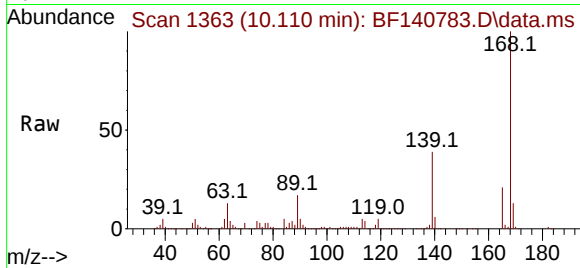




#55
Dibenzenofuran
Concen: 41.621 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

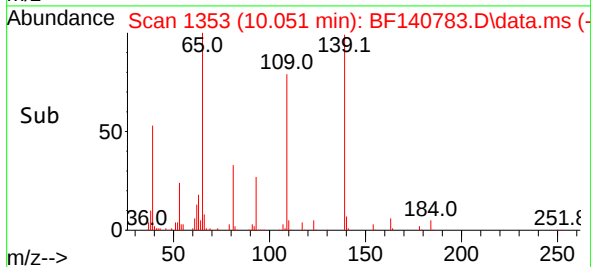
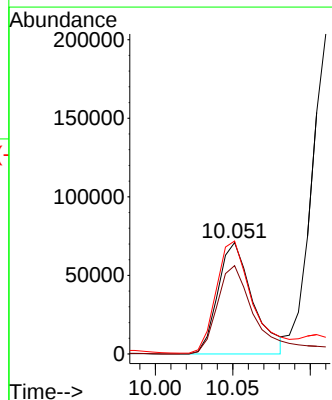
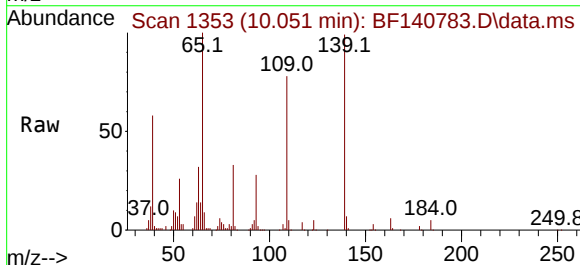
Instrument :
BNA_F
ClientSampleId :
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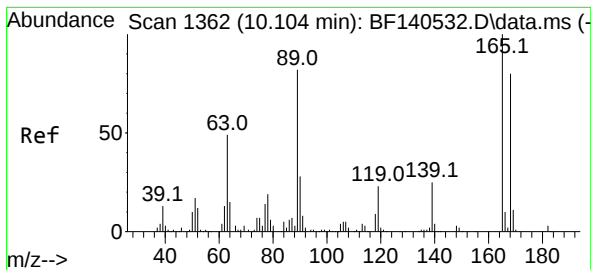
Tgt Ion:168 Resp: 654473
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 58.509 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 110649
Ion Ratio Lower Upper
139 100
109 79.3 68.4 108.4
65 101.5 88.6 128.6

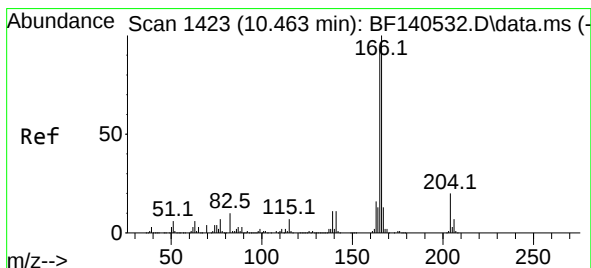
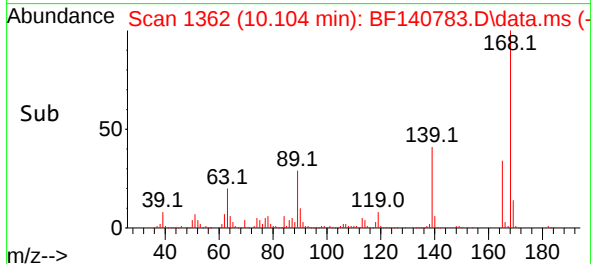
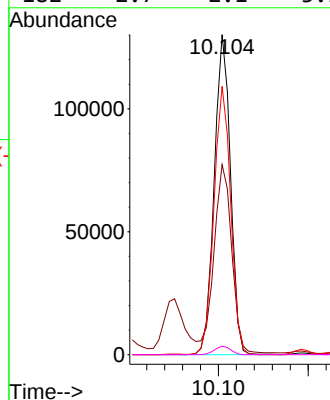
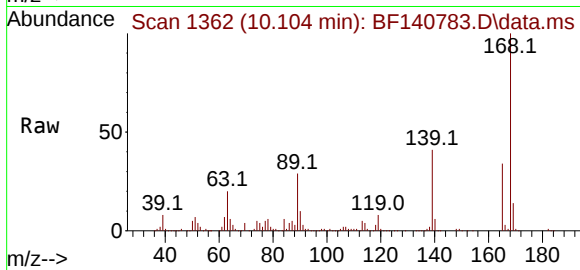




#57
2,4-Dinitrotoluene
Concen: 43.418 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

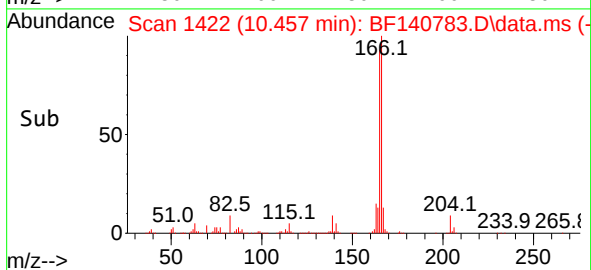
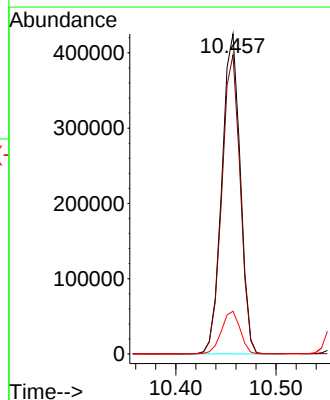
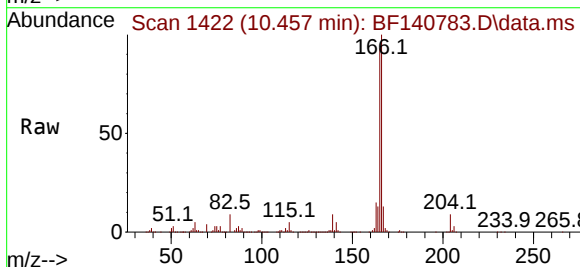
Instrument :
BNA_F
ClientSampleId :
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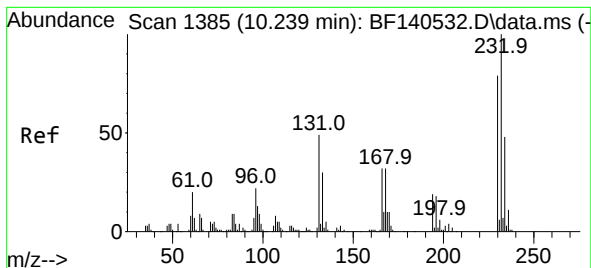
Tgt Ion:165 Resp: 163601
Ion Ratio Lower Upper
165 100
63 59.4 41.7 62.5
89 83.8 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.611 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:166 Resp: 537820
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.4 10.6 16.0

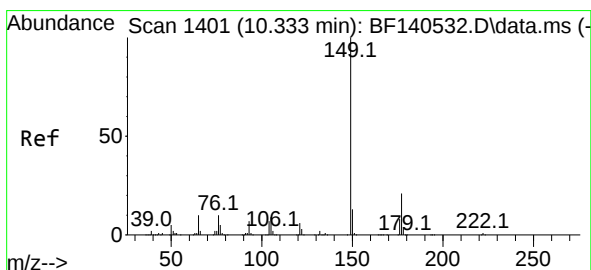
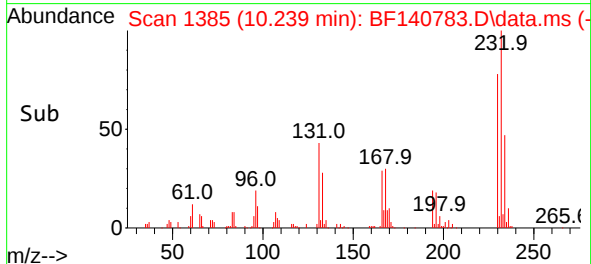
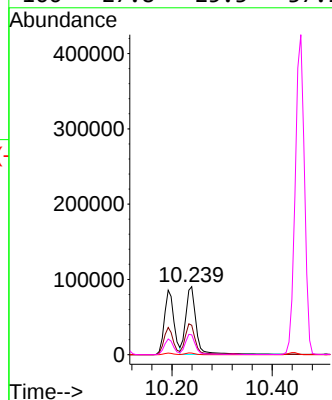
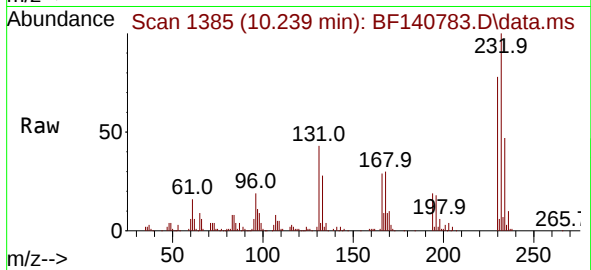




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.540 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

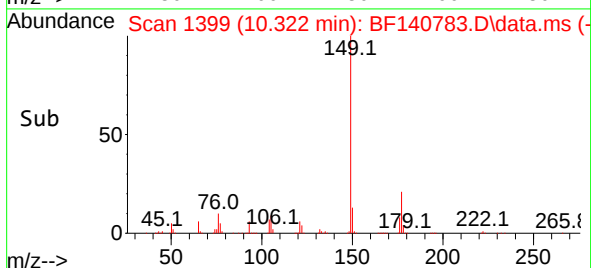
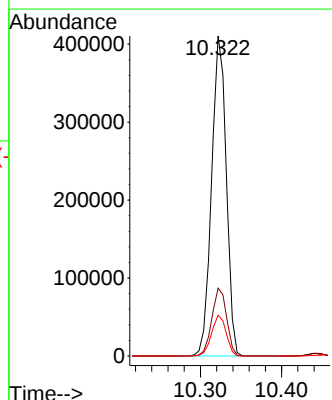
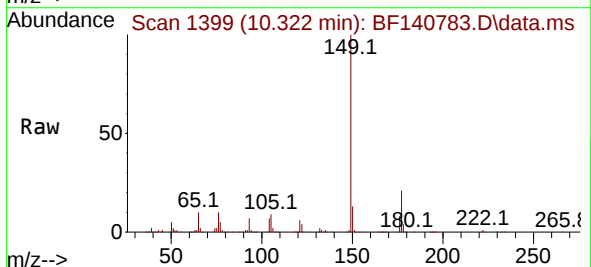
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

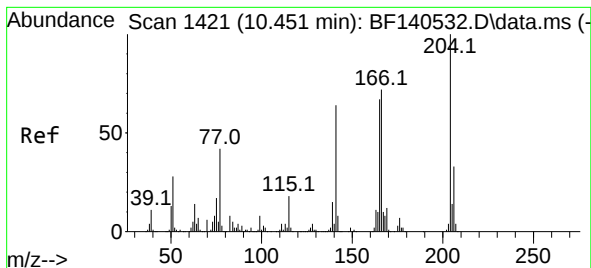
Tgt Ion:	232	Resp:	129536
Ion	Ratio	Lower	Upper
232	100		
131	43.8	39.6	59.4
130	2.3	1.9	2.9
166	27.8	25.3	37.9



#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	149	Resp:	514575
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.7	10.1	15.1

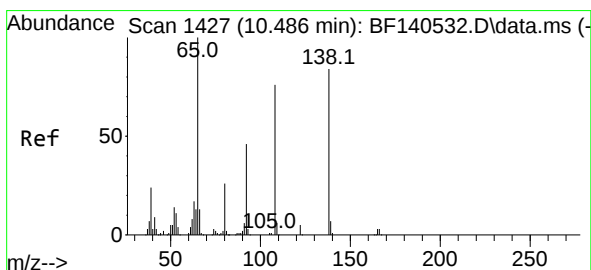
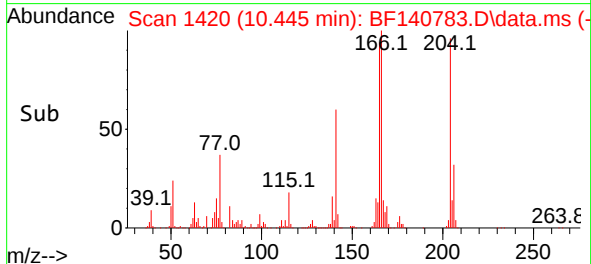
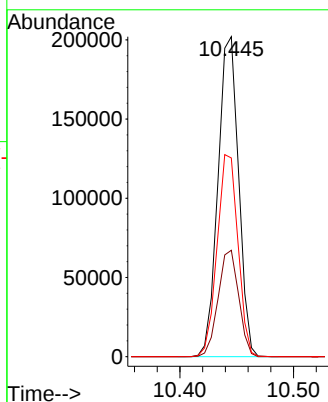
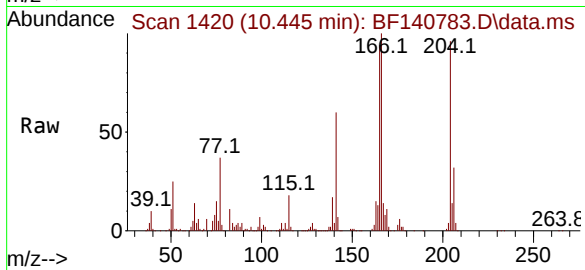




#61
4-Chlorophenyl-phenylether
Concen: 41.184 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

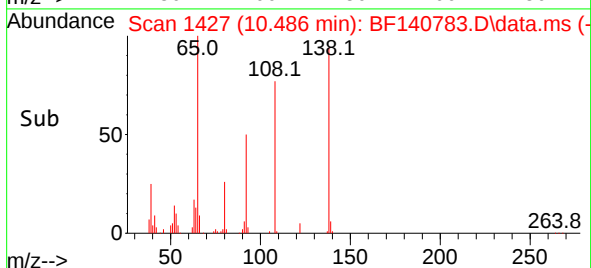
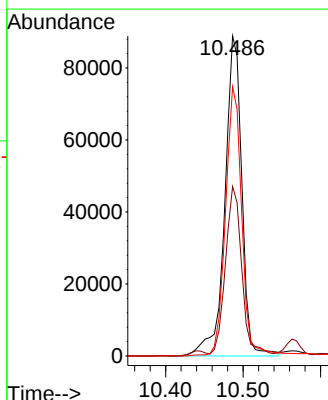
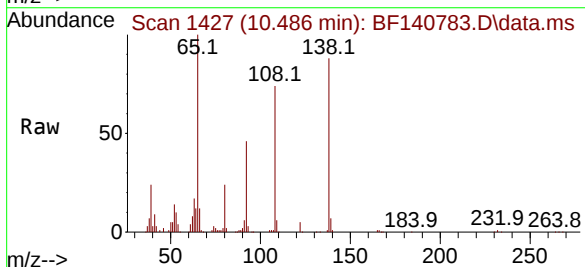
Instrument :
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ClientSampleId :
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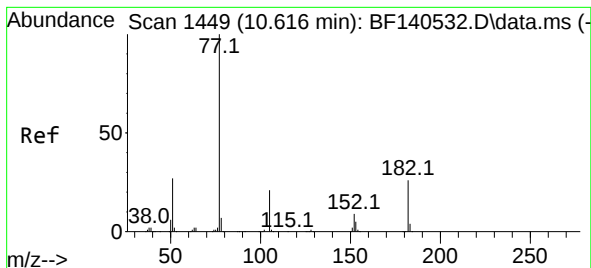
Tgt Ion:204 Resp: 255101
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 51.1 76.7



#62
4-Nitroaniline
Concen: 46.773 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:138 Resp: 136029
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 84.2 70.6 110.6





#63

Azobenzene

Concen: 40.898 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 491918

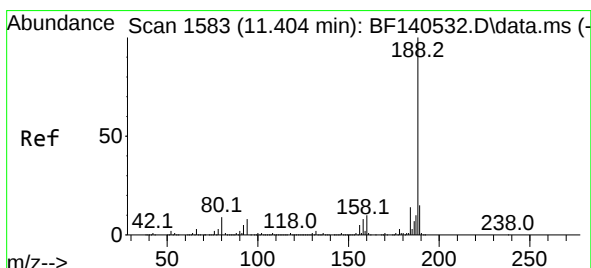
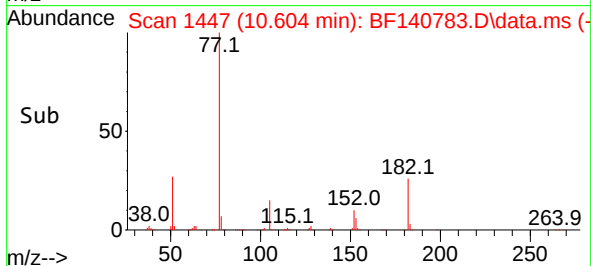
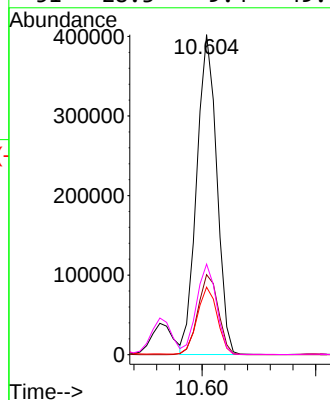
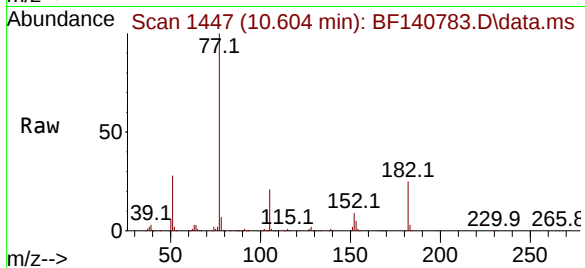
Ion Ratio Lower Upper

77 100

182 25.0 5.3 45.3

105 21.1 0.3 40.3

51 28.3 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

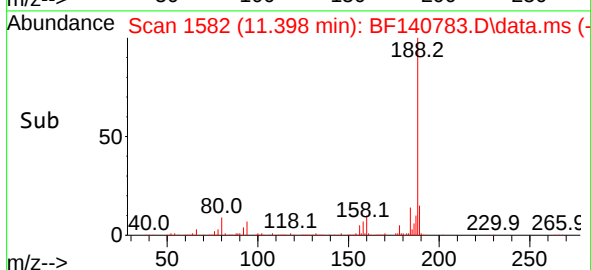
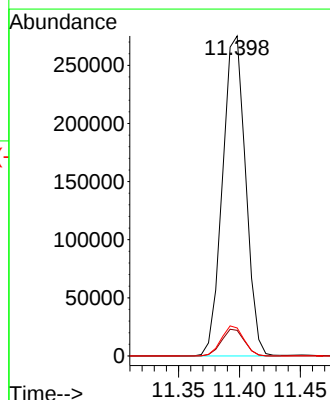
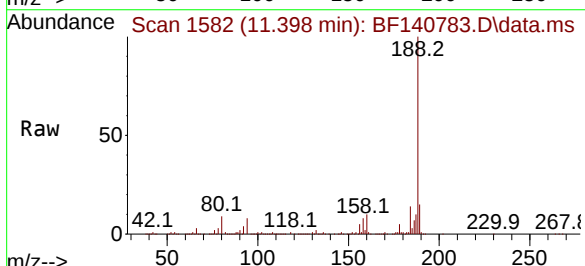
Tgt Ion:188 Resp: 363500

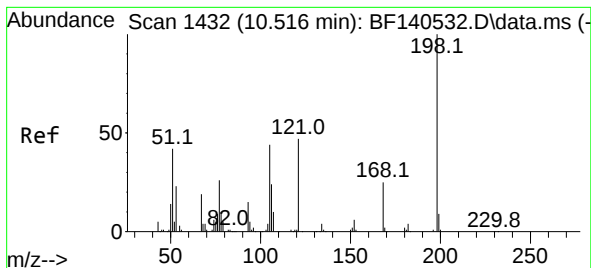
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.8 6.9 10.3

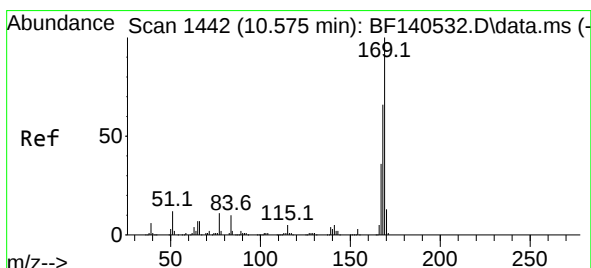
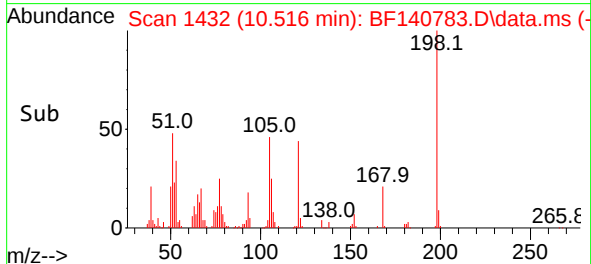
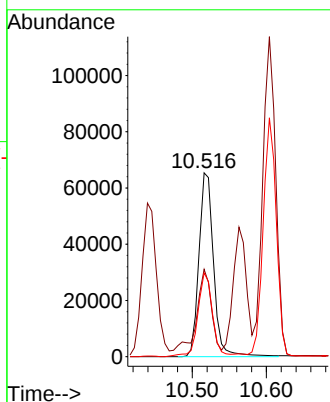
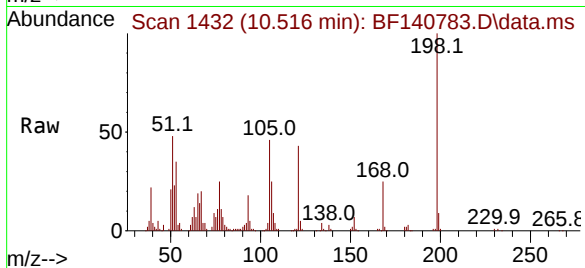




#65
4,6-Dinitro-2-methylphenol
Concen: 48.398 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

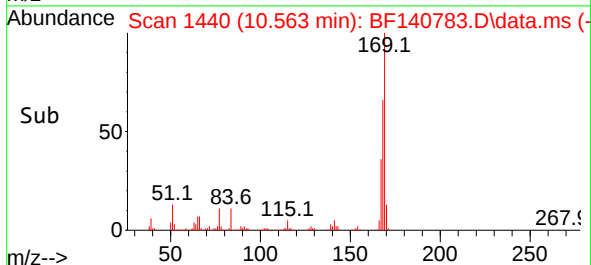
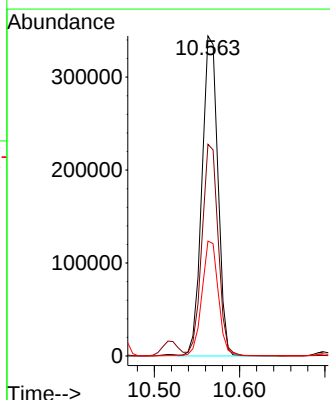
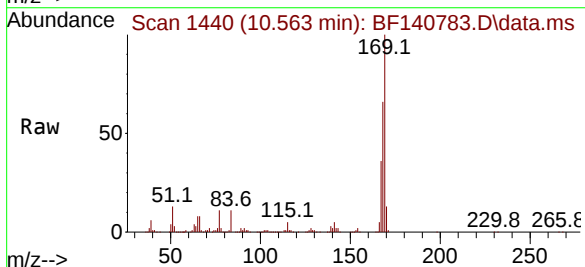
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

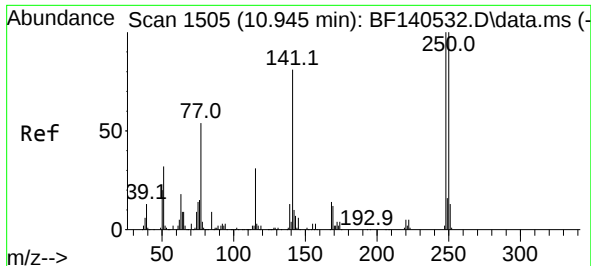
Tgt Ion:198 Resp: 89900
Ion Ratio Lower Upper
198 100
51 47.5 29.4 69.4
105 45.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.734 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:169 Resp: 448621
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.9 29.0 43.6

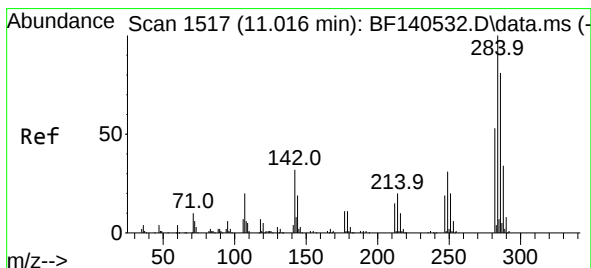
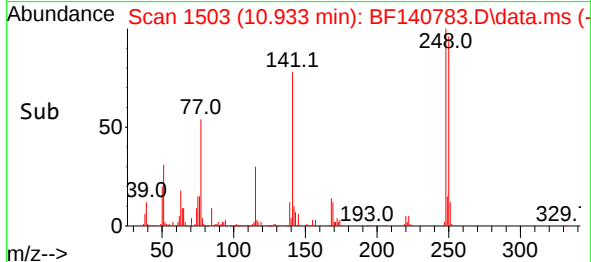
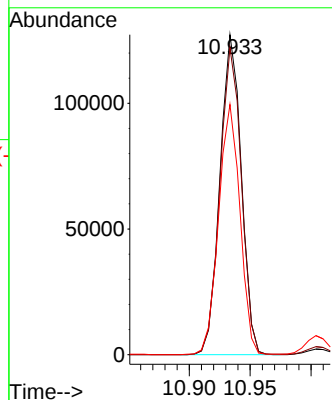
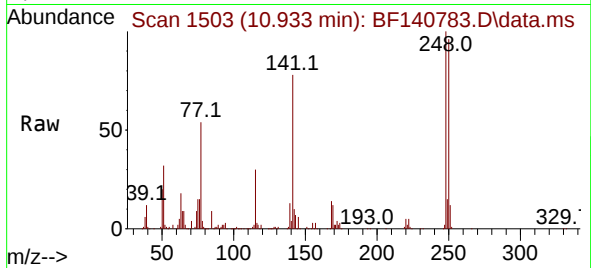




#67
4-Bromophenyl-phenylether
Concen: 41.485 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

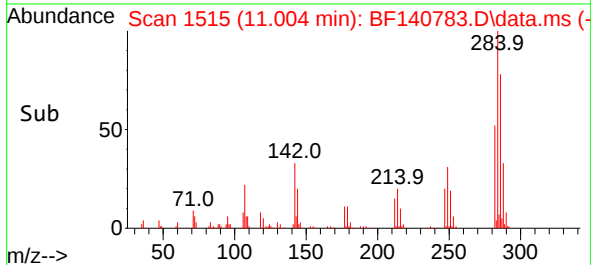
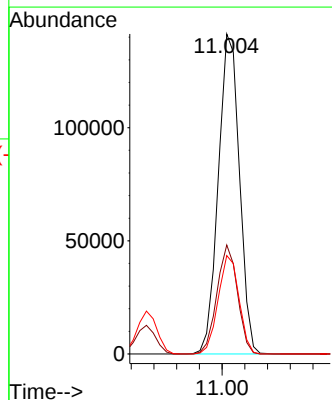
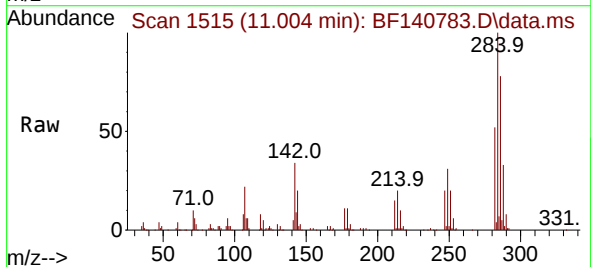
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 155300
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 78.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 42.174 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:284 Resp: 182807
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 32.001 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

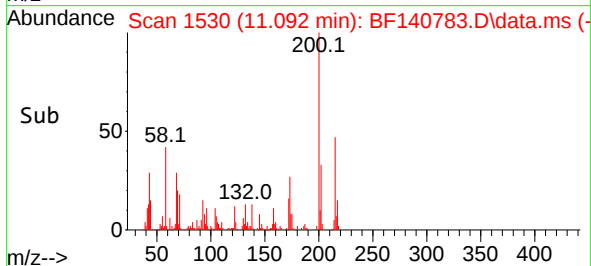
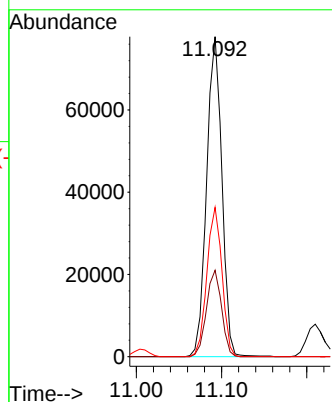
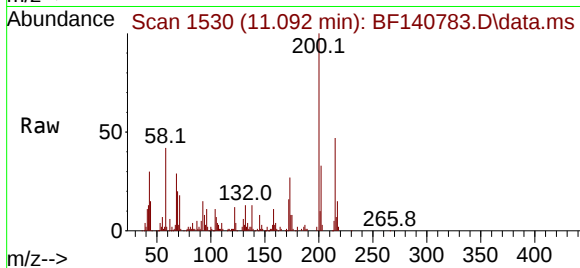
Tgt Ion:200 Resp: 96773

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 38.484 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

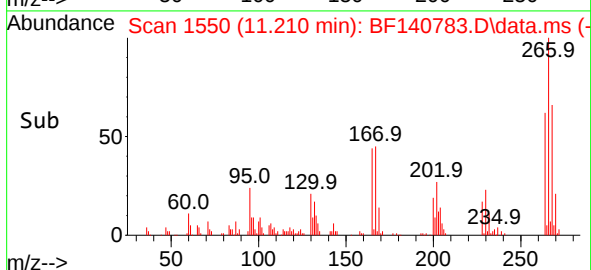
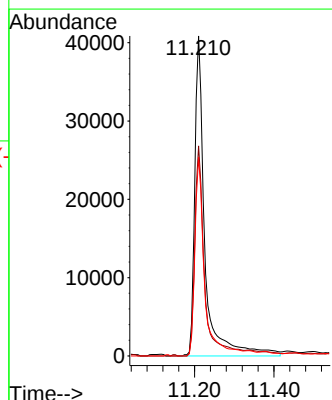
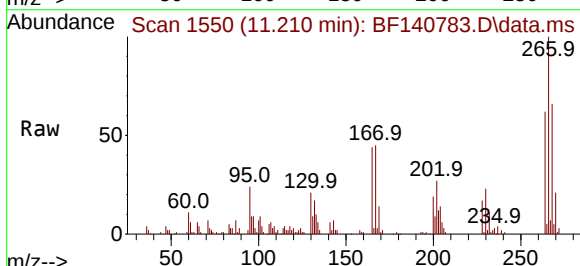
Tgt Ion:266 Resp: 73419

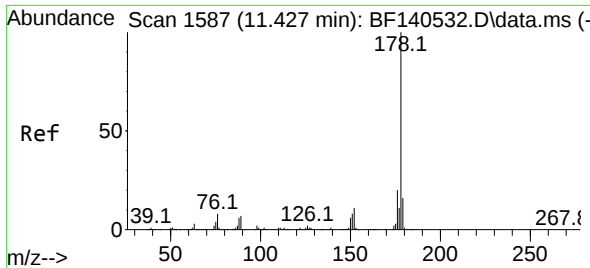
Ion Ratio Lower Upper

266 100

268 65.6 53.7 80.5

264 62.0 49.8 74.8

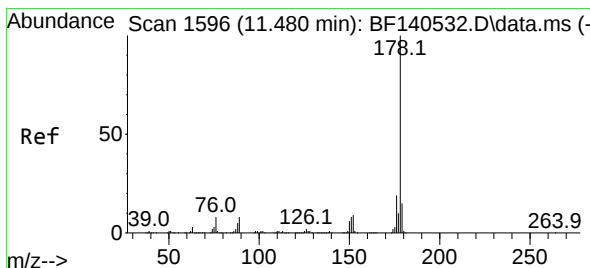
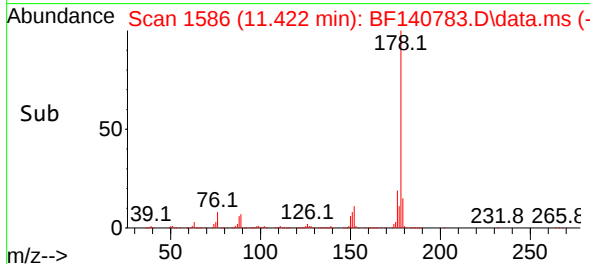
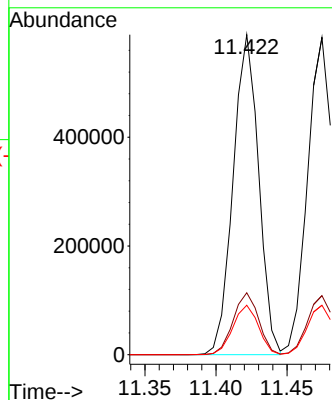
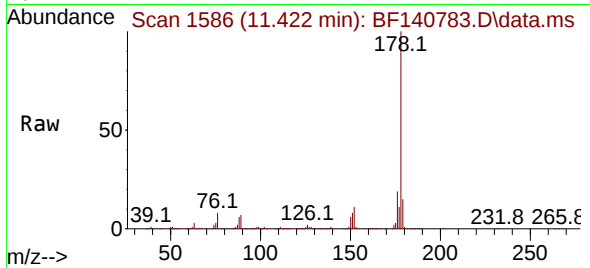




#71
Phenanthrene
Concen: 42.223 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

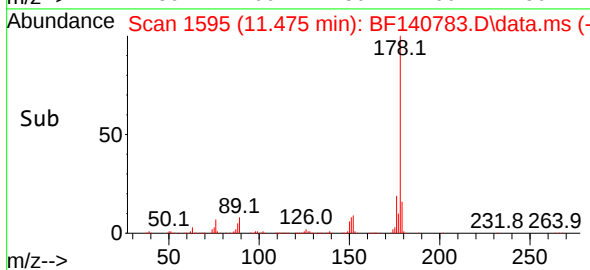
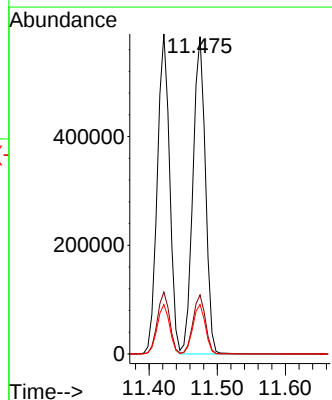
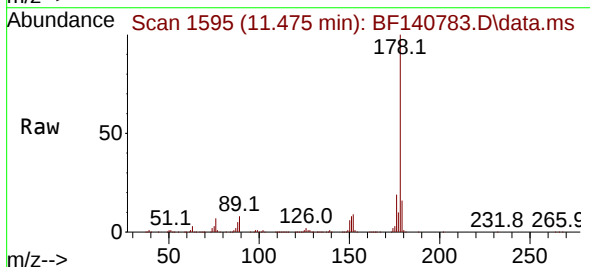
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

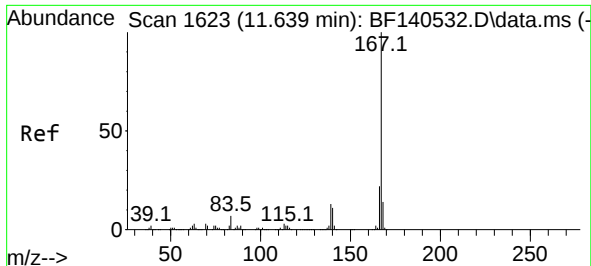
Tgt Ion:178 Resp: 737773
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.197 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:178 Resp: 738326
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.2 18.4

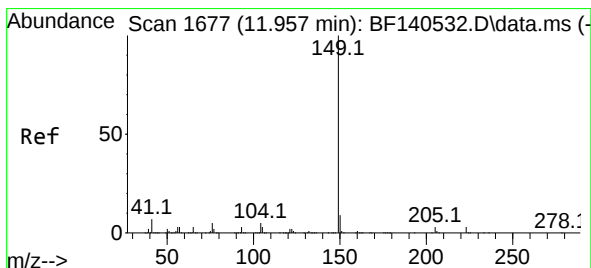
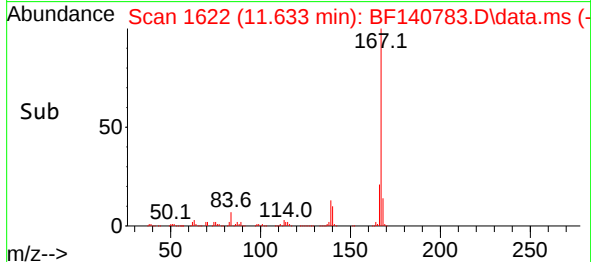
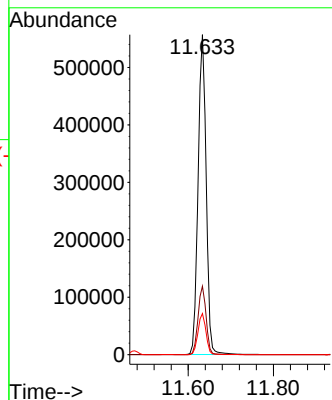
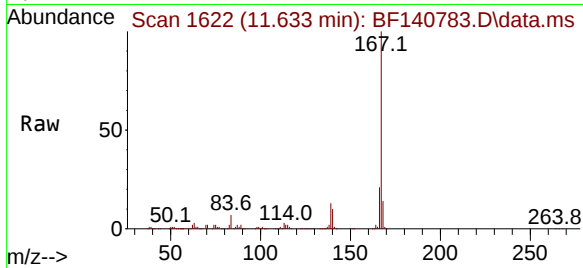




#73
 Carbazole
 Concen: 44.564 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

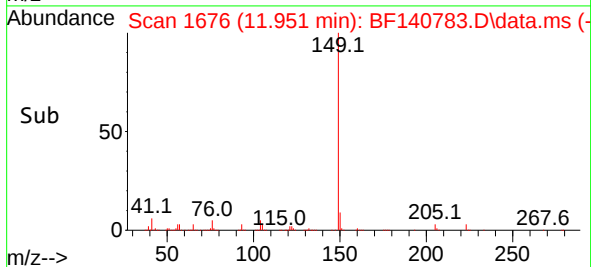
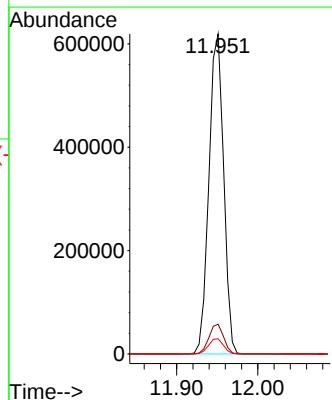
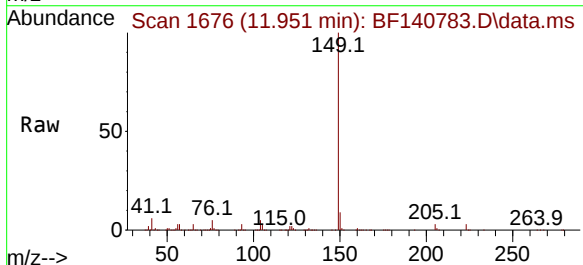
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

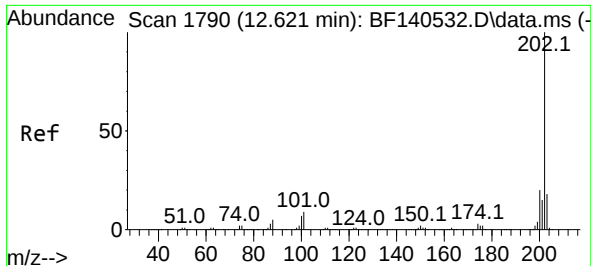
Tgt Ion:167 Resp: 732751
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 40.930 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

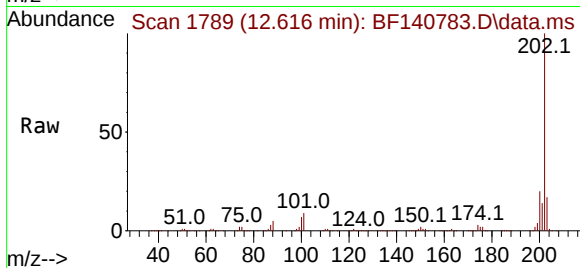
Tgt Ion:149 Resp: 776970
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1



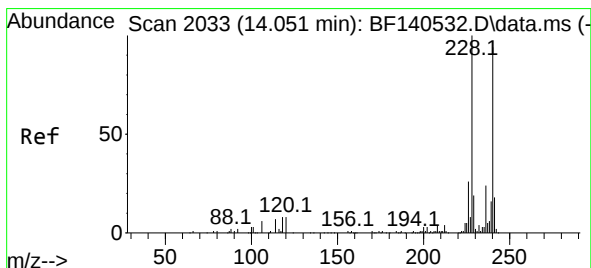
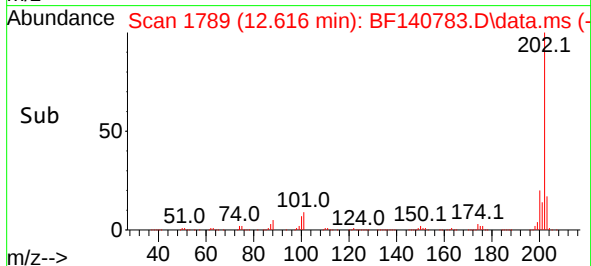
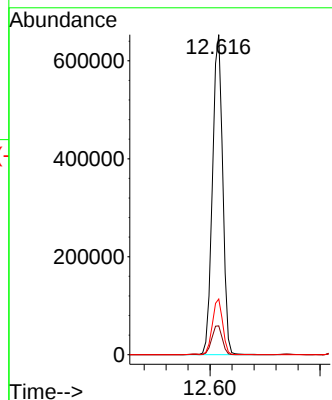


#75
Fluoranthene
Concen: 44.447 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

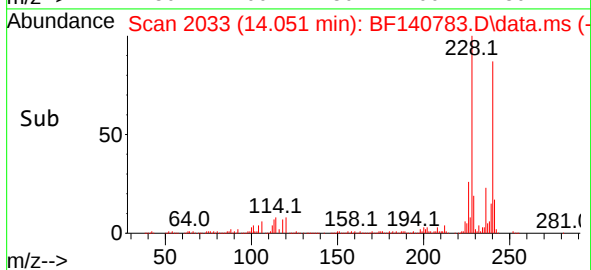
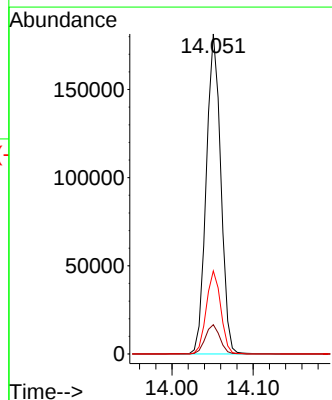
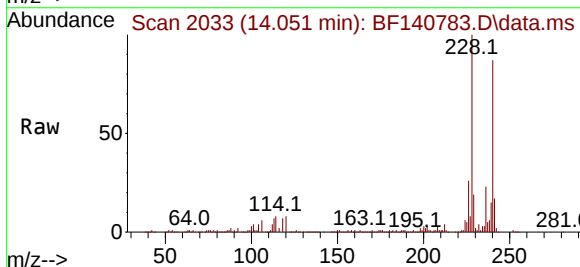


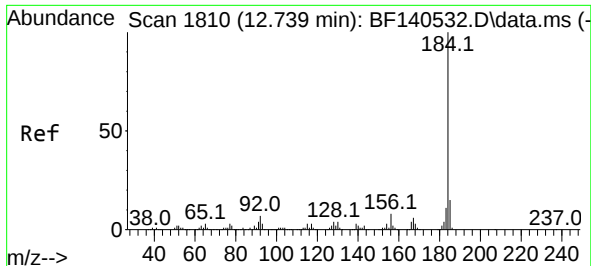
Tgt Ion:202 Resp: 843217
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:240 Resp: 224946
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.0 20.6 31.0

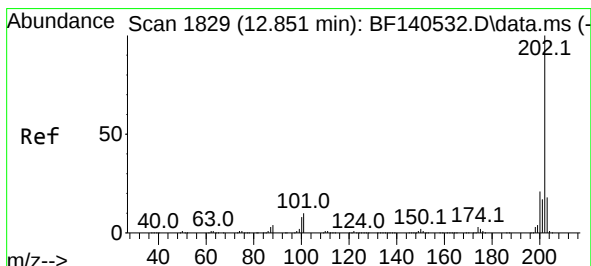
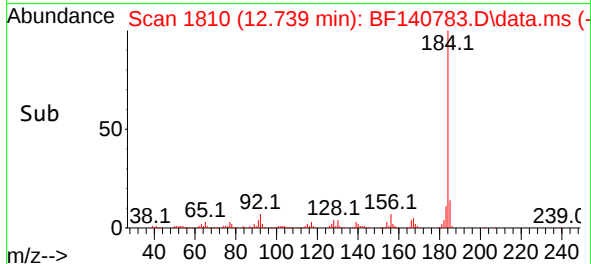
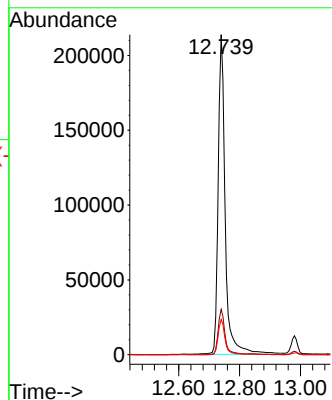
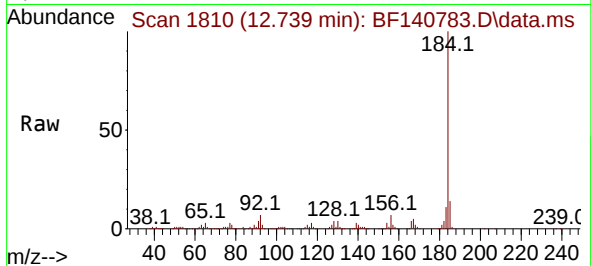




#77
Benzidine
Concen: 52.569 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

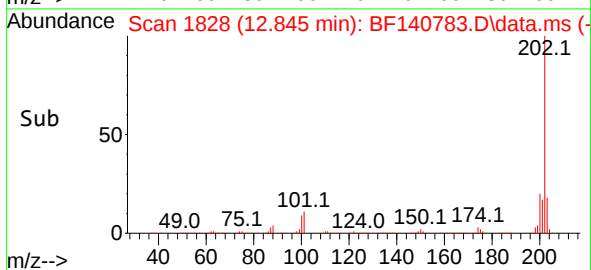
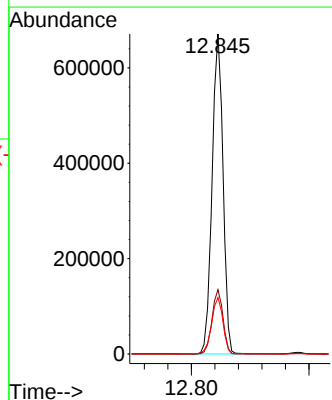
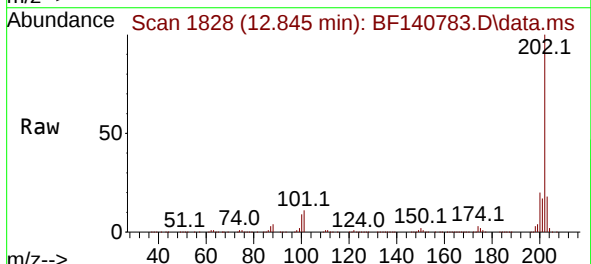
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

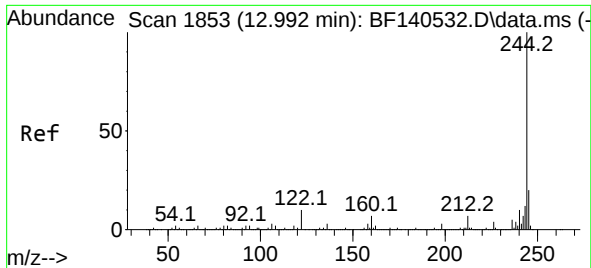
Tgt Ion:184 Resp: 343811
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 41.568 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:202 Resp: 864572
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4

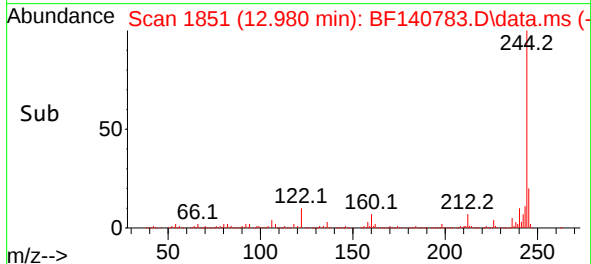
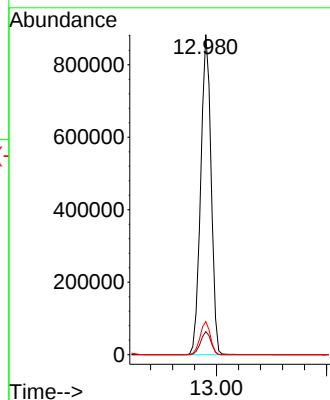
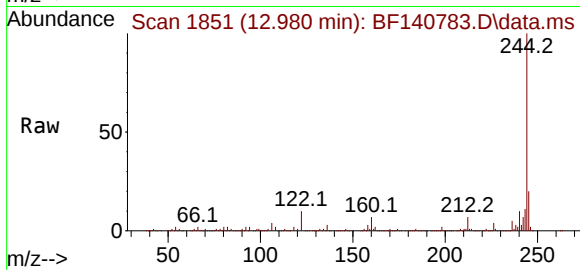




#79
 Terphenyl-d14
 Concen: 80.355 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

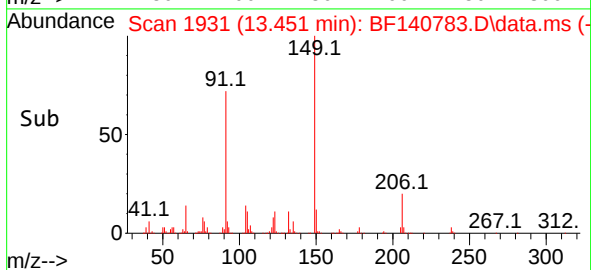
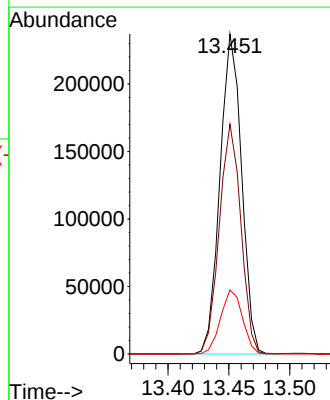
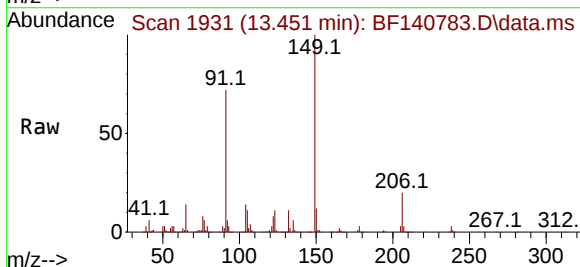
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

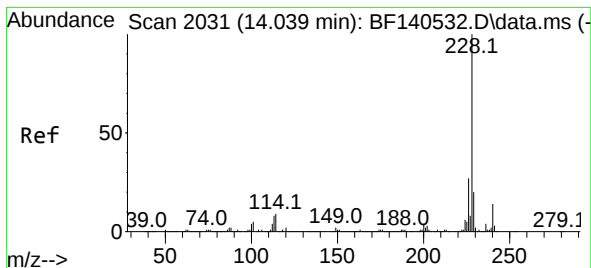
Tgt Ion:244 Resp: 1160825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.4 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 39.160 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion:149 Resp: 293415
 Ion Ratio Lower Upper
 149 100
 91 71.8 56.2 84.2
 206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 41.813 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

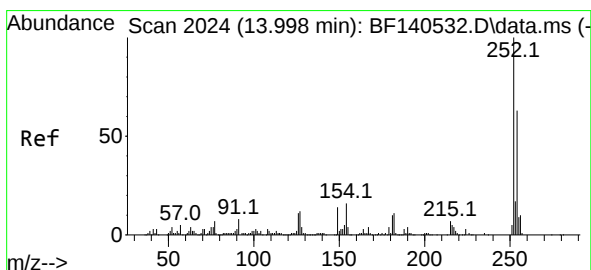
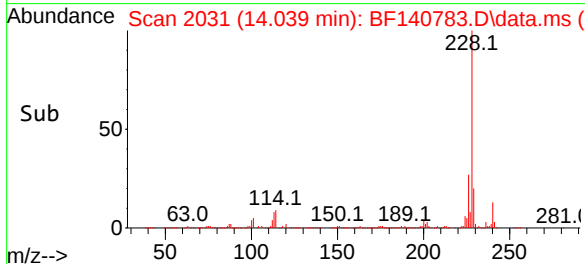
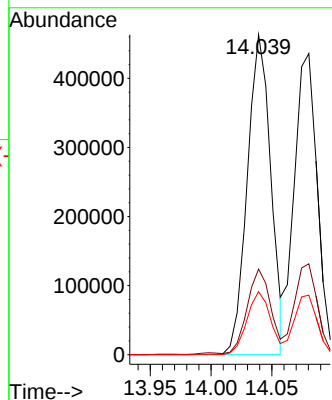
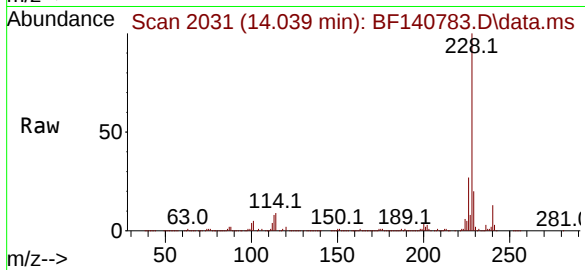
Tgt Ion:228 Resp: 622623

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.159 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

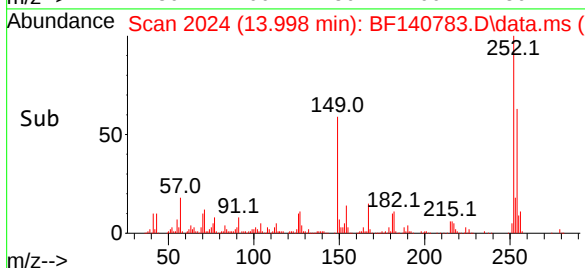
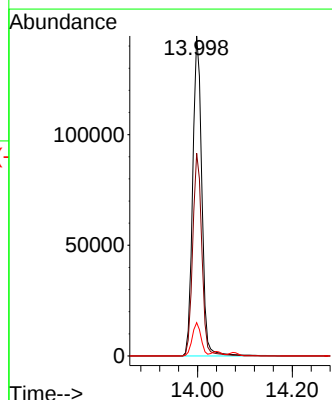
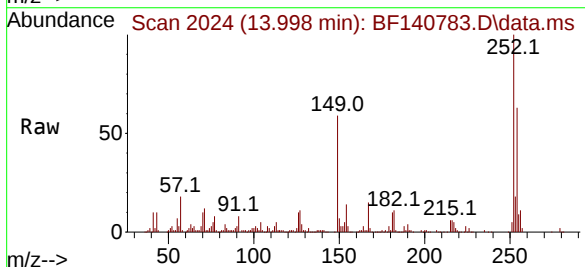
Tgt Ion:252 Resp: 192950

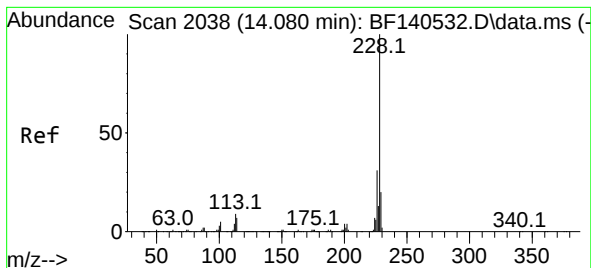
Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 10.4 8.6 13.0





#83

Chrysene

Concen: 42.100 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

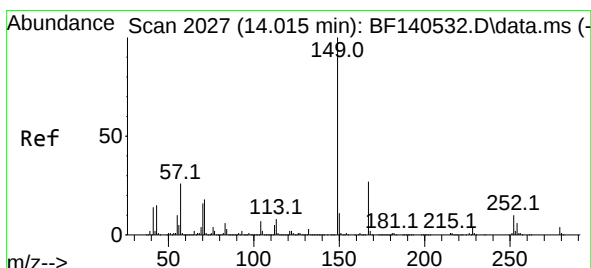
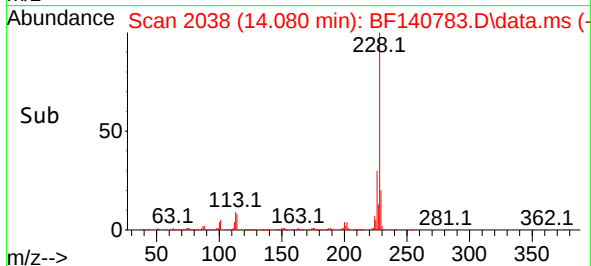
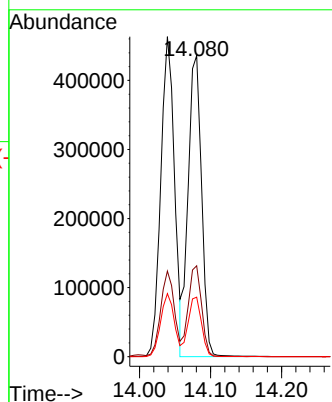
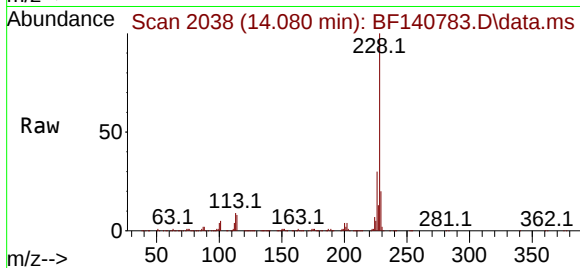
Tgt Ion:228 Resp: 573223

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.205 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

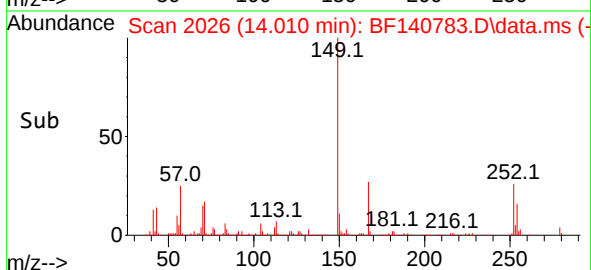
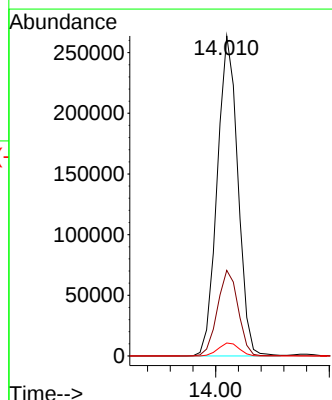
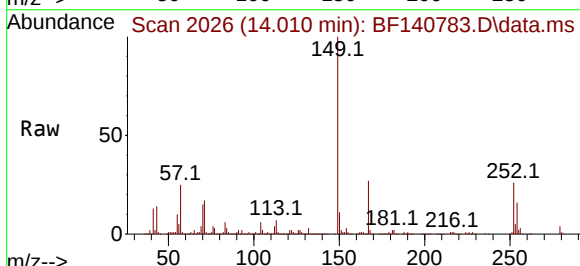
Tgt Ion:149 Resp: 333077

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 33.370 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

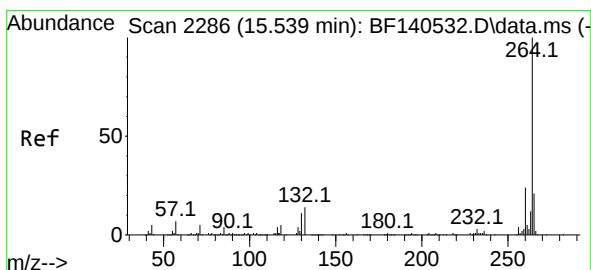
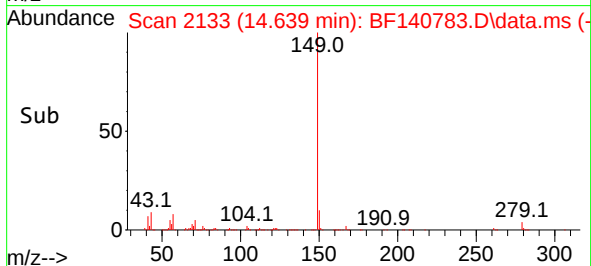
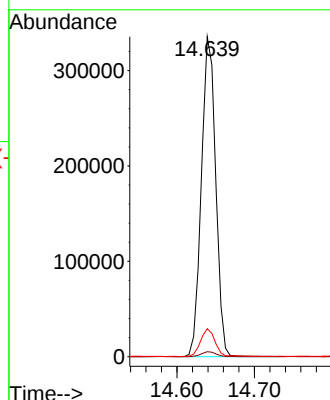
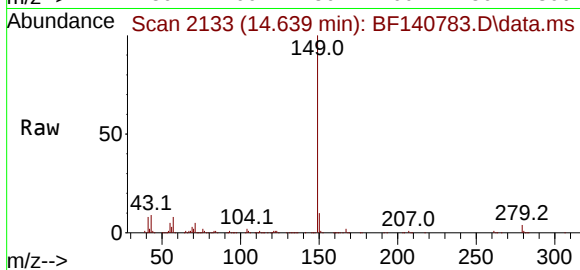
Tgt Ion:149 Resp: 431470

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

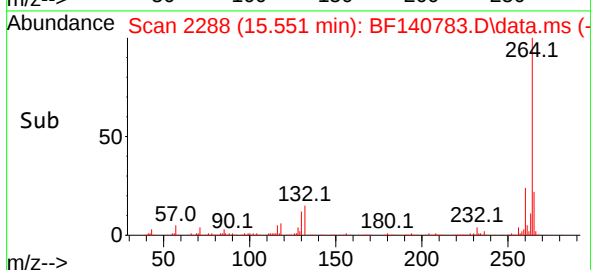
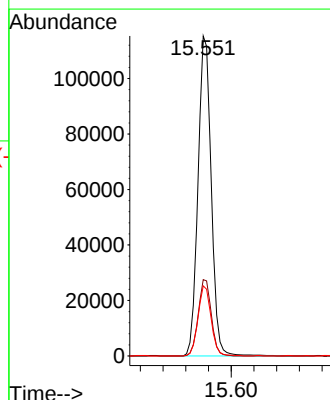
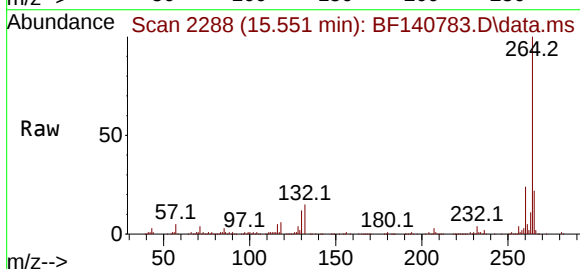
Tgt Ion:264 Resp: 187010

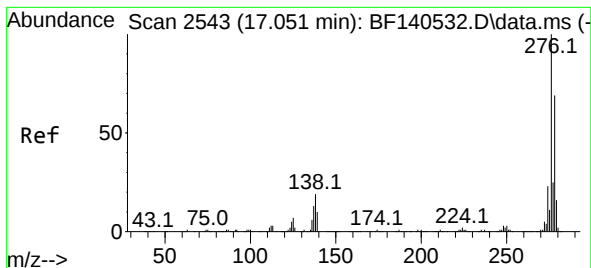
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.522 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

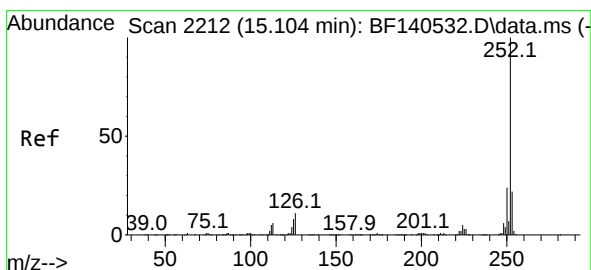
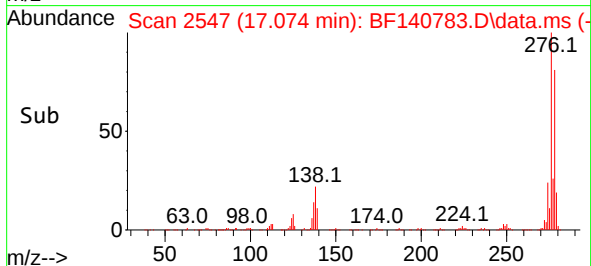
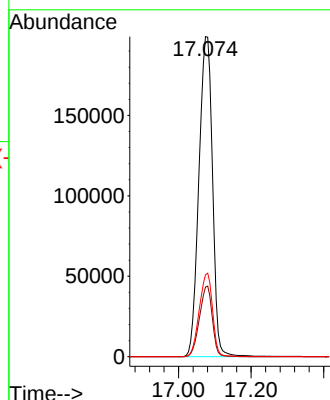
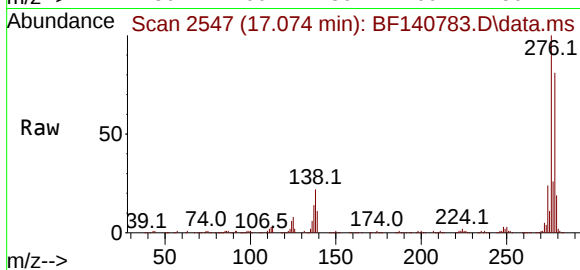
Tgt Ion:276 Resp: 518227

Ion Ratio Lower Upper

276 100

138 20.7 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.600 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

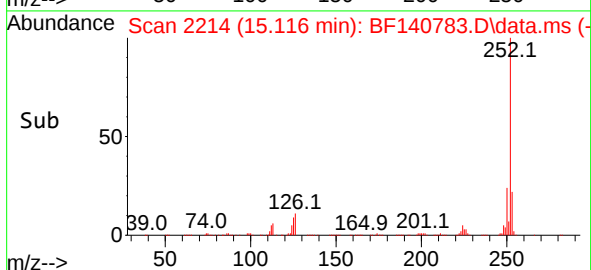
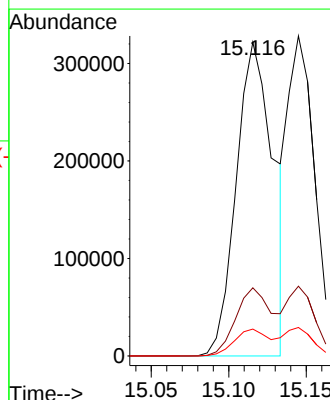
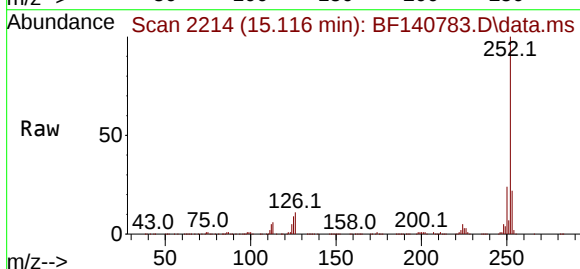
Tgt Ion:252 Resp: 535631

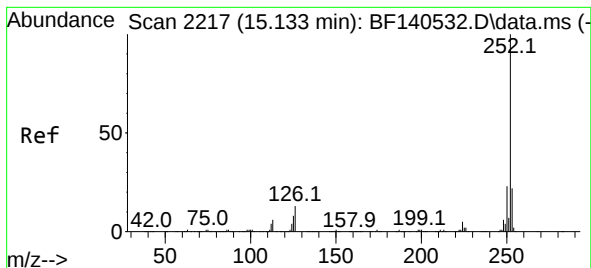
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 38.727 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

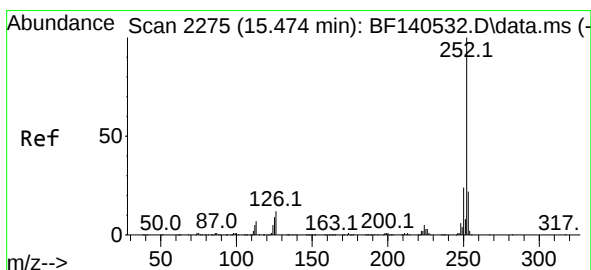
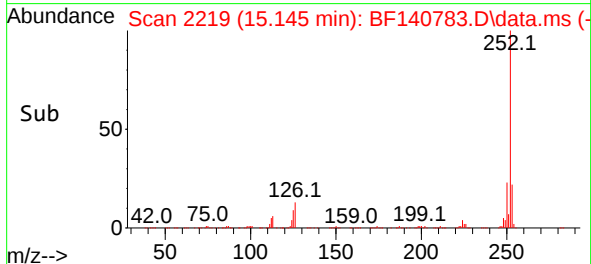
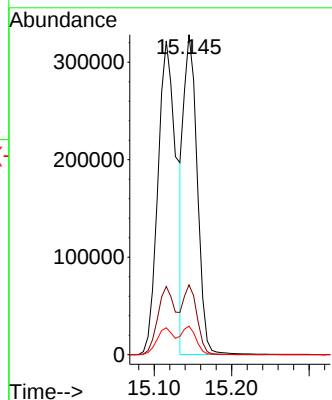
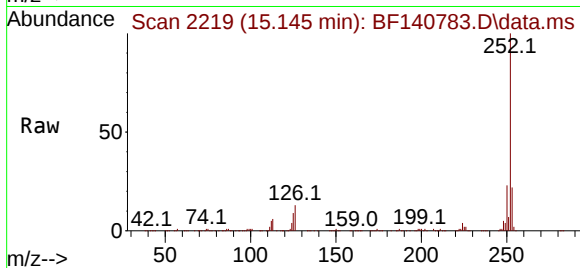
Tgt Ion:252 Resp: 398082

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 42.469 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

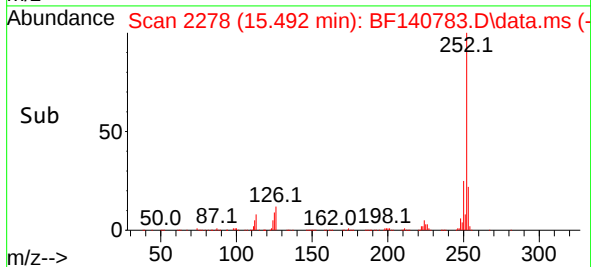
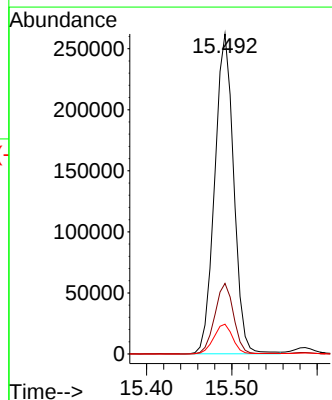
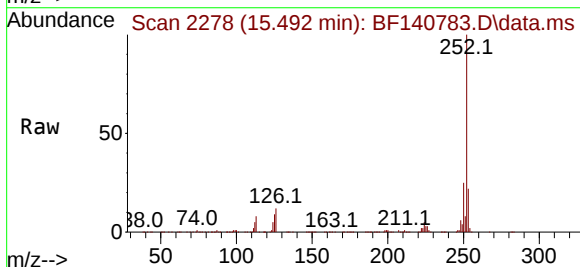
Tgt Ion:252 Resp: 405609

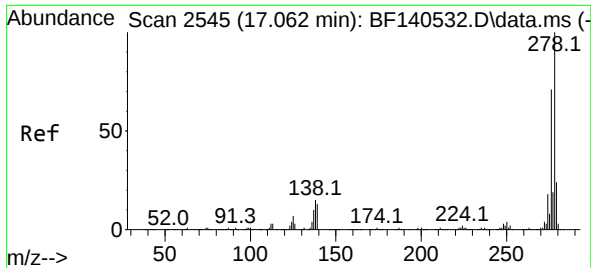
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.3 7.0 10.6

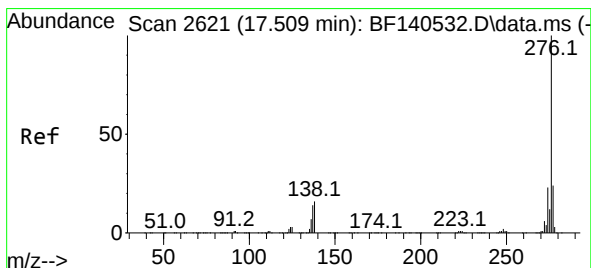
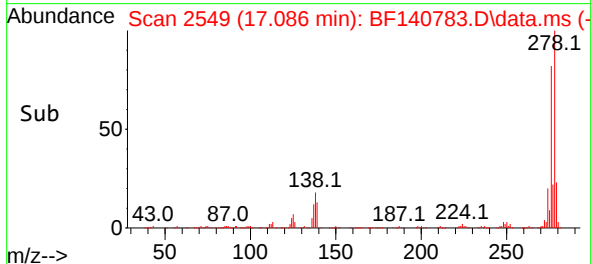
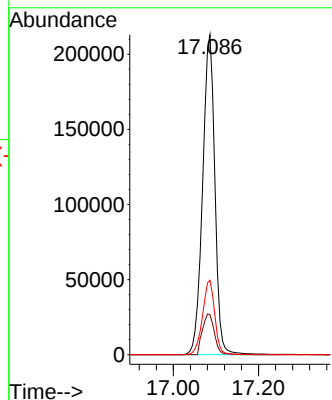
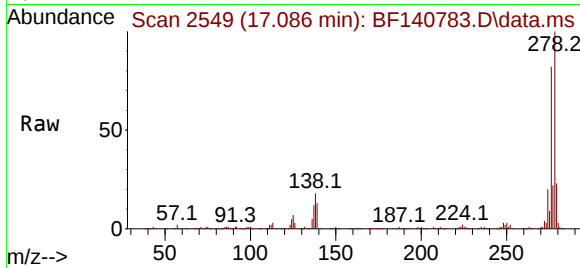




#91
Dibenzo(a,h)anthracene
Concen: 42.685 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 426039
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.923 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:276 Resp: 447357
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.8 13.2 19.8

