

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140725.D
 Acq On : 04 Dec 2024 13:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 04 13:55:42 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	6.875	152	100609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	390070	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	226870	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	425052	20.000	ng	0.00
76) Chrysene-d12	14.062	240	256058	20.000	ng	0.01
86) Perylene-d12	15.580	264	199884	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	439790	74.583	ng	0.00
7) Phenol-d6	6.522	99	597410	76.635	ng	0.00
23) Nitrobenzene-d5	7.445	82	575025	75.404	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192880	79.493	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1179849	77.485	ng	0.00
79) Terphenyl-d14	12.992	244	1251763	76.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	89213	35.984	ng	99
3) Pyridine	3.422	79	213954	39.223	ng	100
4) n-Nitrosodimethylamine	3.381	42	114572	35.737	ng	95
6) Aniline	6.545	93	243995	44.469	ng	91
8) 2-Chlorophenol	6.669	128	242996	38.304	ng	97
9) Benzaldehyde	6.434	77	161298	39.085	ng	100
10) Phenol	6.534	94	308449	38.744	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	238455	39.142	ng	99
12) 1,3-Dichlorobenzene	6.816	146	273913	38.426	ng	98
13) 1,4-Dichlorobenzene	6.892	146	276770	38.346	ng	99
14) 1,2-Dichlorobenzene	7.051	146	264582	39.121	ng	99
15) Benzyl Alcohol	7.022	79	229144	39.637	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	286607	39.822	ng	99
17) 2-Methylphenol	7.139	107	198222	39.034	ng	98
18) Hexachloroethane	7.386	117	104252	38.673	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	187182	40.629	ng	97
20) 3+4-Methylphenols	7.292	107	259193	39.709	ng	97
22) Acetophenone	7.286	105	359530	37.807	ng	98
24) Nitrobenzene	7.463	77	292923	37.165	ng	98
25) Isophorone	7.698	82	506290	39.804	ng	99
26) 2-Nitrophenol	7.775	139	138812	39.742	ng	99
27) 2,4-Dimethylphenol	7.816	122	171631m	41.069	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	308069	39.757	ng	100
29) 2,4-Dichlorophenol	8.028	162	221368	39.976	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	246981	39.063	ng	99
31) Naphthalene	8.181	128	777258	38.685	ng	100
32) Benzoic acid	7.969	122	165324	45.841	ng	99
33) 4-Chloroaniline	8.233	127	231794	38.532	ng	99
34) Hexachlorobutadiene	8.292	225	166337	39.719	ng	99
35) Caprolactam	8.616	113	66485	38.796	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	246887	39.820	ng	99
37) 2-Methylnaphthalene	8.869	142	511633	40.092	ng	99
38) 1-Methylnaphthalene	8.969	142	499102	39.900	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	255164	38.419	ng	99
41) Hexachlorocyclopentadiene	9.022	237	70428	50.168	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	161289	38.701	ng	100

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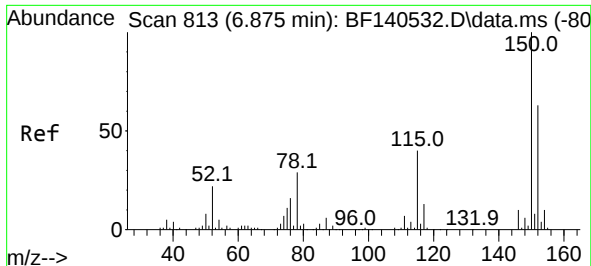
Quant Time: Dec 04 13:55:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	176355	38.991	ng	97
46) 1,1'-Biphenyl	9.333	154	654931	38.666	ng	99
47) 2-Chloronaphthalene	9.363	162	495165	38.581	ng	99
48) 2-Nitroaniline	9.463	65	156734	38.046	ng	98
49) Acenaphthylene	9.780	152	737784	38.046	ng	100
50) Dimethylphthalate	9.633	163	595527	39.857	ng	100
51) 2,6-Dinitrotoluene	9.704	165	135664	40.035	ng	96
52) Acenaphthene	9.951	154	471459	38.263	ng	100
53) 3-Nitroaniline	9.880	138	128863	38.881	ng	95
54) 2,4-Dinitrophenol	9.992	184	90770	54.486	ng	98
55) Dibenzofuran	10.122	168	708403	37.692	ng	99
56) 4-Nitrophenol	10.051	139	75043	33.200	ng	95
57) 2,4-Dinitrotoluene	10.116	165	171392	38.056	ng	93
58) Fluorene	10.469	166	585233	38.794	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142689	41.049	ng	94
60) Diethylphthalate	10.333	149	608517	40.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	297699	40.211	ng	97
62) 4-Nitroaniline	10.498	138	133269	38.339	ng	94
63) Azobenzene	10.616	77	562432	39.122	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	100293	46.175	ng	96
66) n-Nitrosodiphenylamine	10.574	169	489449	38.938	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	177622	40.577	ng	98
68) Hexachlorobenzene	11.016	284	198810	39.224	ng	98
69) Atrazine	11.104	200	112703	31.872	ng	98
70) Pentachlorophenol	11.222	266	84315	37.796	ng	100
71) Phenanthrene	11.433	178	777846	38.070	ng	100
72) Anthracene	11.486	178	772513	38.652	ng	100
73) Carbazole	11.639	167	733389	38.144	ng	99
74) Di-n-butylphthalate	11.957	149	931414	41.961	ng	99
75) Fluoranthene	12.621	202	869033	39.174	ng	99
77) Benzidine	12.745	184	307244	41.270	ng	99
78) Pyrene	12.857	202	875305	36.970	ng	99
80) Butylbenzylphthalate	13.463	149	344843	40.432	ng	98
81) Benzo(a)anthracene	14.051	228	668102	39.416	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	206266	40.531	ng	98
83) Chrysene	14.092	228	588738	37.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	445997	41.413	ng	99
85) Di-n-octyl phthalate	14.662	149	590863	40.146	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	492661	37.821	ng	99
88) Benzo(b)fluoranthene	15.139	252	481047	38.315	ng	99
89) Benzo(k)fluoranthene	15.168	252	463118	42.153	ng	99
90) Benzo(a)pyrene	15.515	252	406036	39.775	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	409361	38.373	ng	99
92) Benzo(g,h,i)perylene	17.568	276	412425	37.886	ng	99

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

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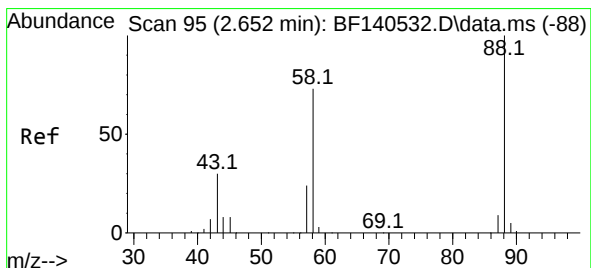
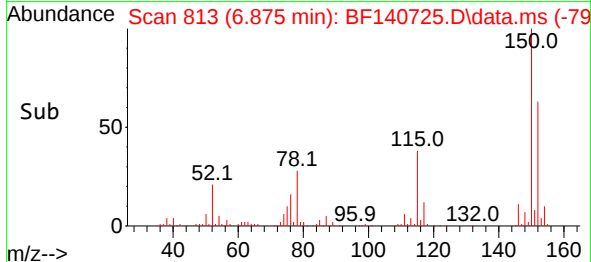
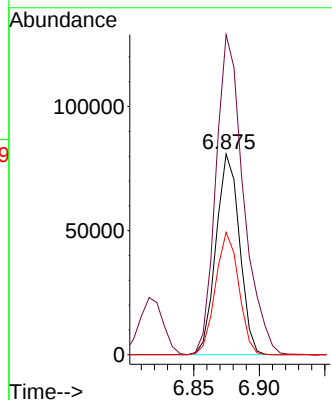
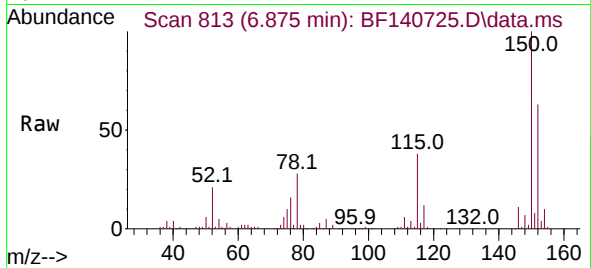




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140725.D
 Acq: 04 Dec 2024 13:33

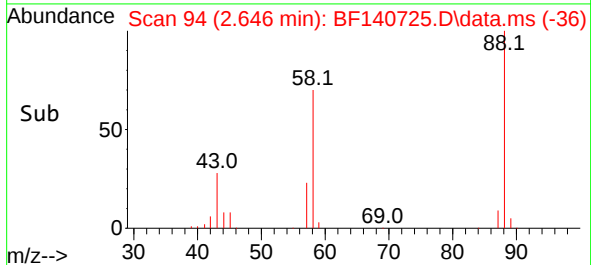
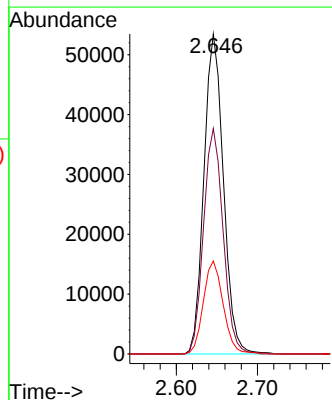
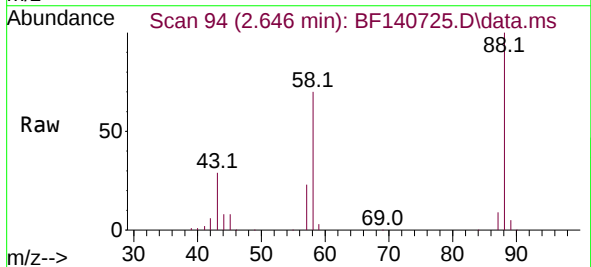
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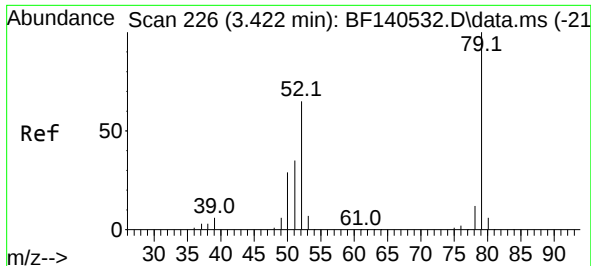
Tgt Ion:152 Resp: 100609
 Ion Ratio Lower Upper
 152 100
 150 159.5 128.5 192.7
 115 61.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 35.984 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF140725.D
 Acq: 04 Dec 2024 13:33

Tgt Ion: 88 Resp: 89213
 Ion Ratio Lower Upper
 88 100
 58 70.7 57.4 86.2
 43 29.5 24.3 36.5





#3

Pyridine

Concen: 39.223 ng

RT: 3.422 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

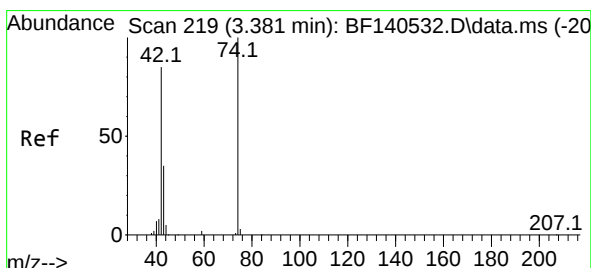
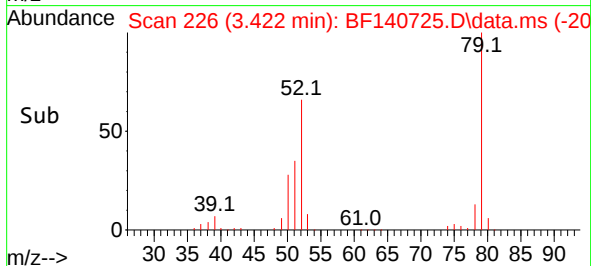
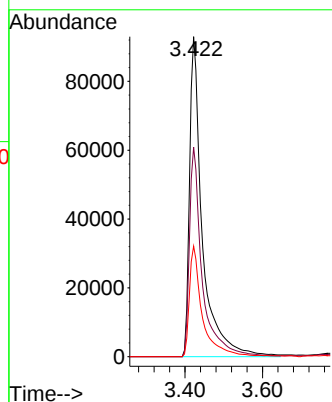
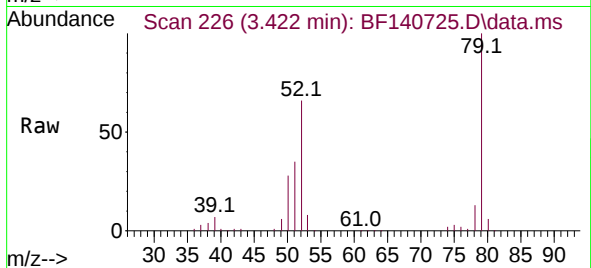
Tgt Ion: 79 Resp: 213954

Ion Ratio Lower Upper

79 100

52 65.5 52.1 78.1

51 34.6 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 35.737 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

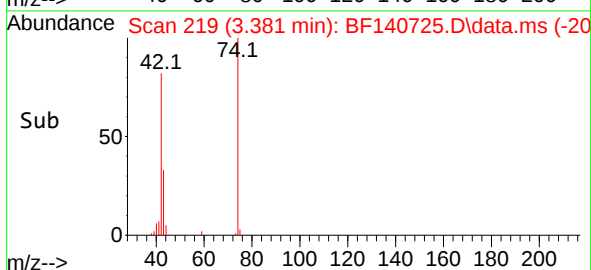
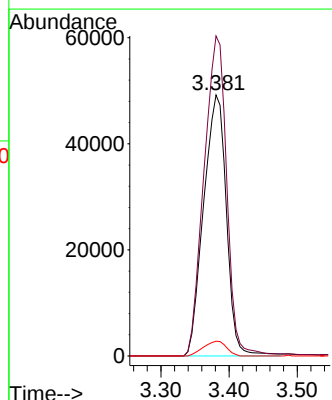
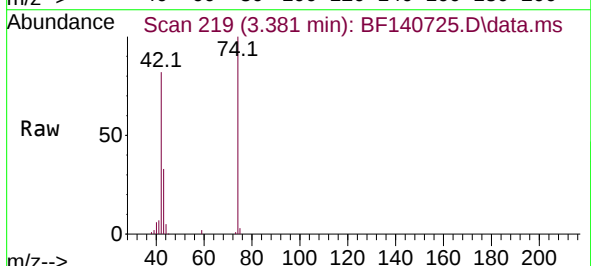
Tgt Ion: 42 Resp: 114572

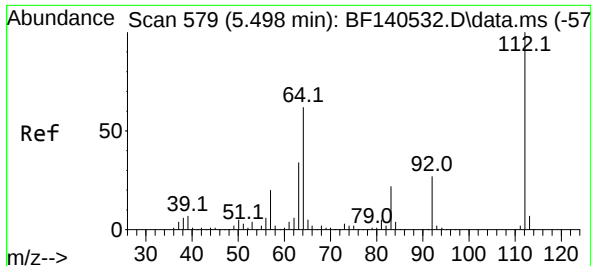
Ion Ratio Lower Upper

42 100

74 122.6 93.8 140.6

44 5.6 4.6 6.8

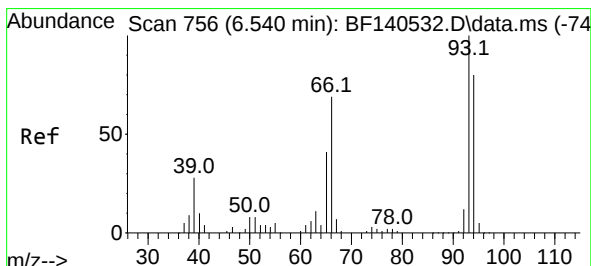
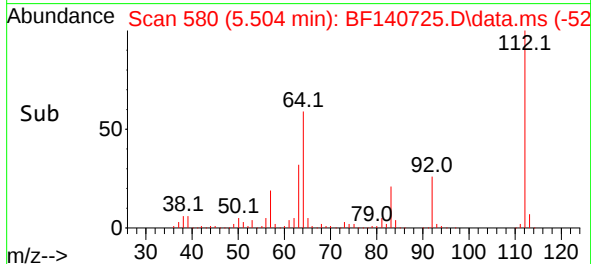
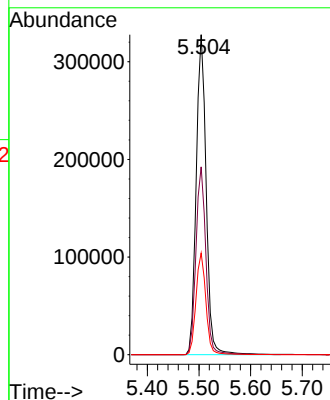
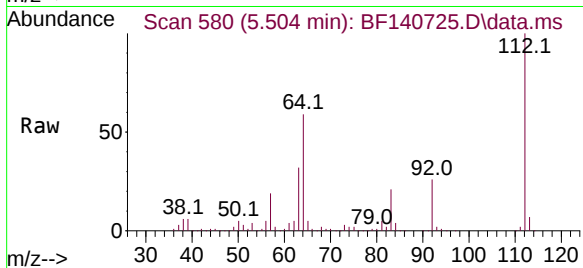




#5
2-Fluorophenol
Concen: 74.583 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

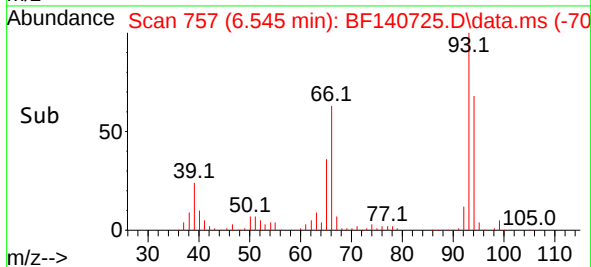
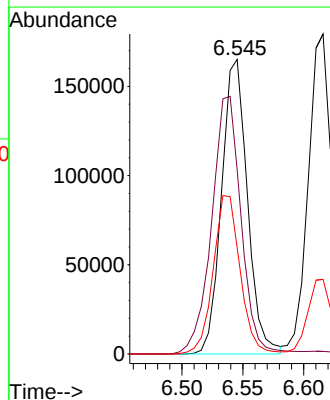
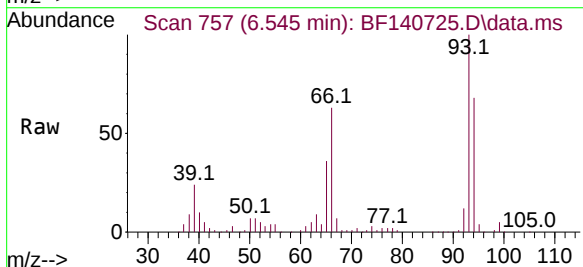
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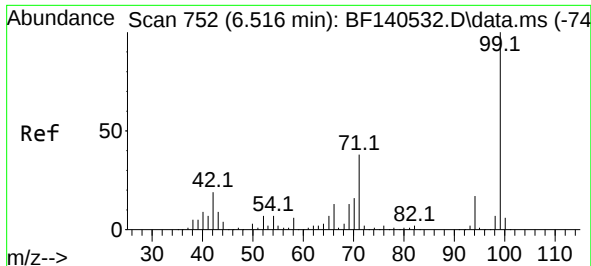
Tgt Ion:112 Resp: 439790
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.8 27.0 40.4



#6
Aniline
Concen: 44.469 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion: 93 Resp: 243995
Ion Ratio Lower Upper
93 100
66 62.6 56.5 84.7
65 36.1 32.9 49.3

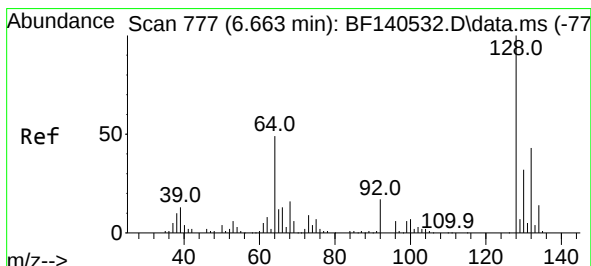
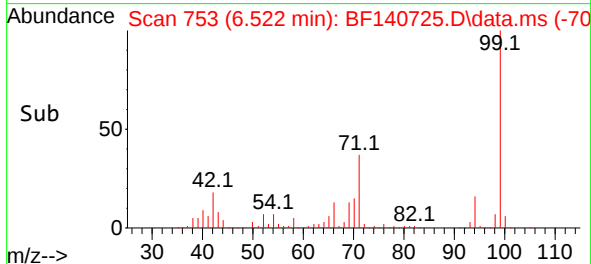
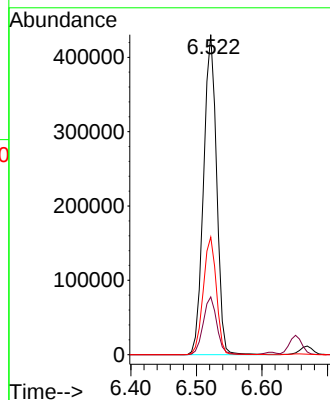
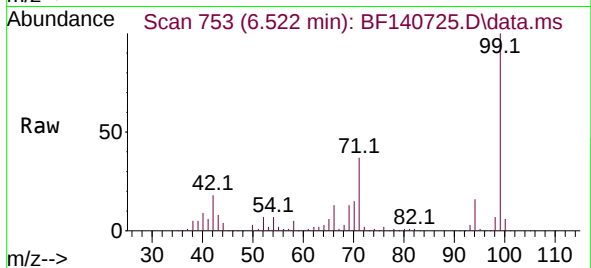




#7
Phenol-d6
Concen: 76.635 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

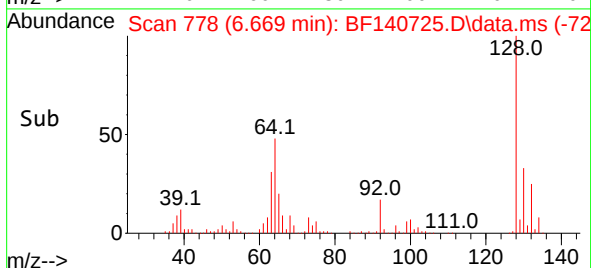
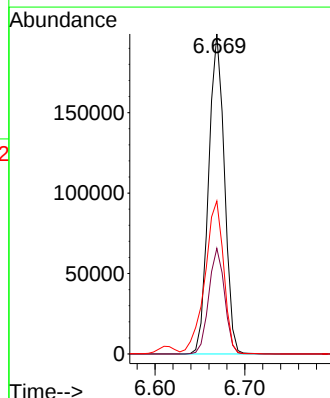
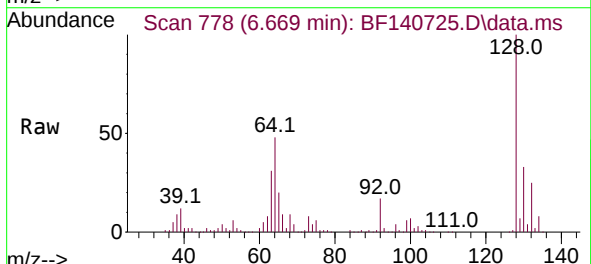
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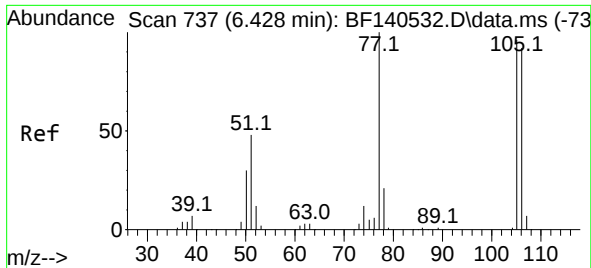
Tgt Ion: 99 Resp: 597410
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.7 30.6 46.0



#8
2-Chlorophenol
Concen: 38.304 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion: 128 Resp: 242996
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 47.8 30.2 70.2

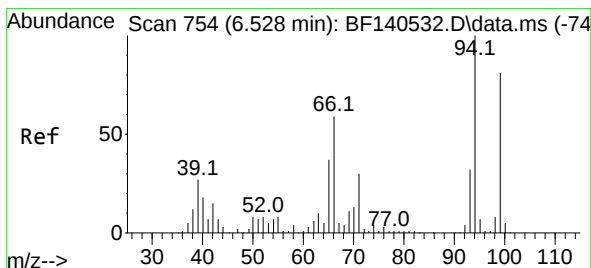
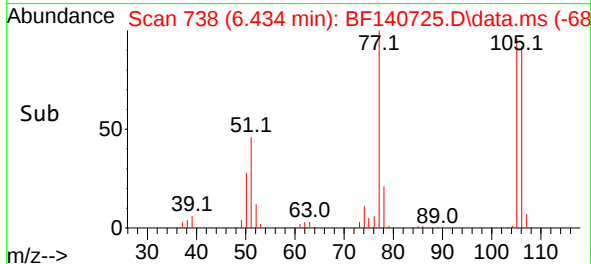
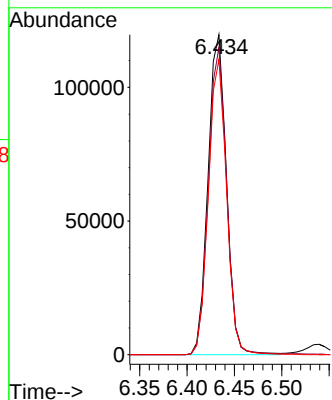
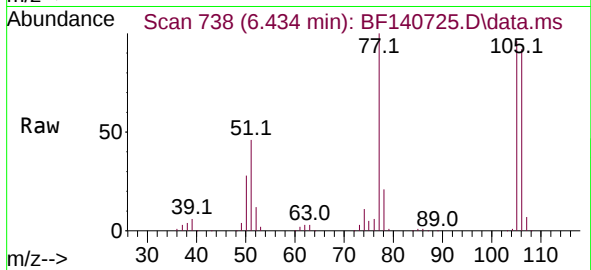




#9
Benzaldehyde
Concen: 39.085 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

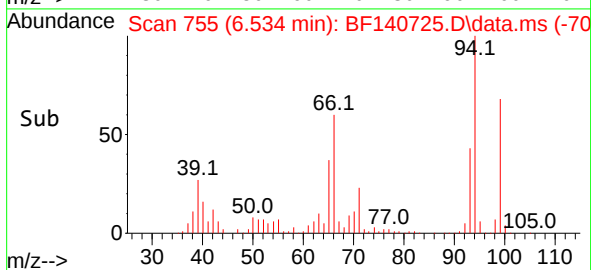
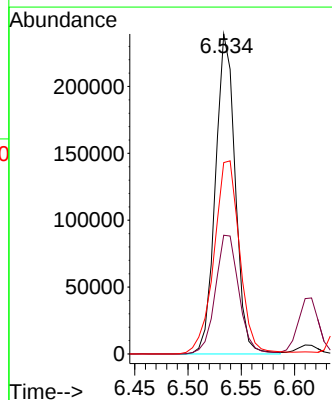
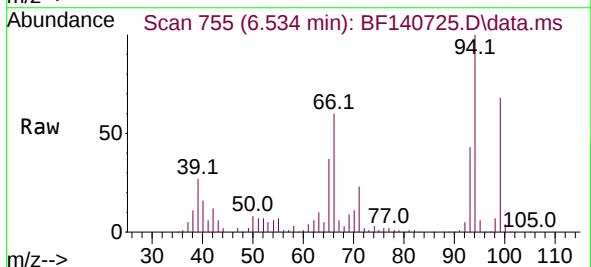
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ClientSampleId :
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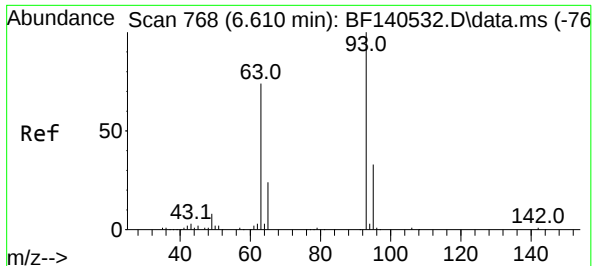
Tgt Ion: 77 Resp: 161298
Ion Ratio Lower Upper
77 100
105 96.0 75.6 115.6
106 92.3 72.0 112.0



#10
Phenol
Concen: 38.744 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion: 94 Resp: 308449
Ion Ratio Lower Upper
94 100
65 37.1 17.2 57.2
66 59.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 39.142 ng

RT: 6.616 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

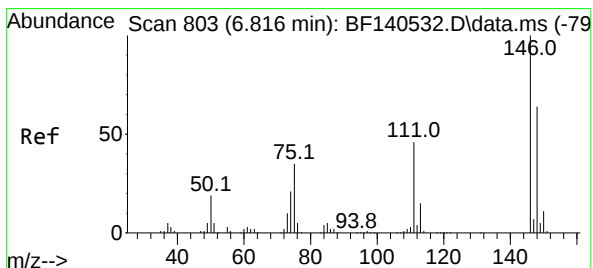
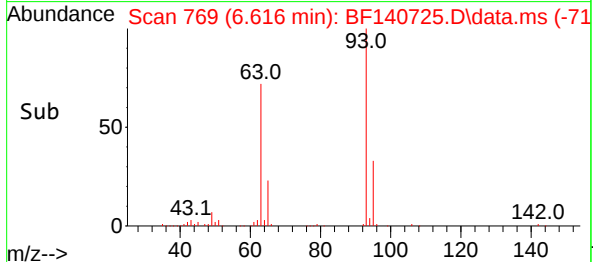
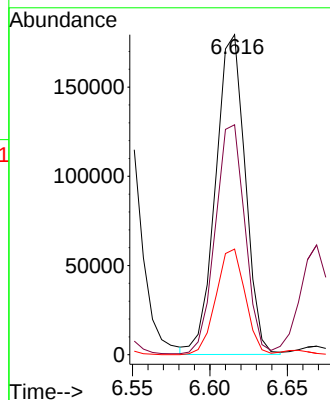
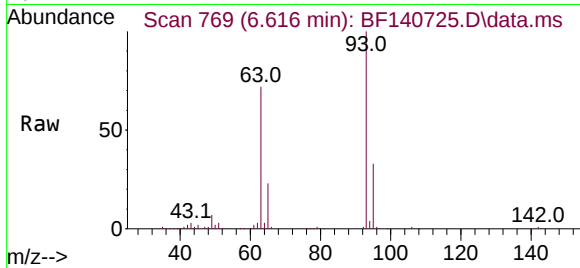
Tgt Ion: 93 Resp: 238455

Ion Ratio Lower Upper

93 100

63 71.8 52.8 92.8

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.426 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

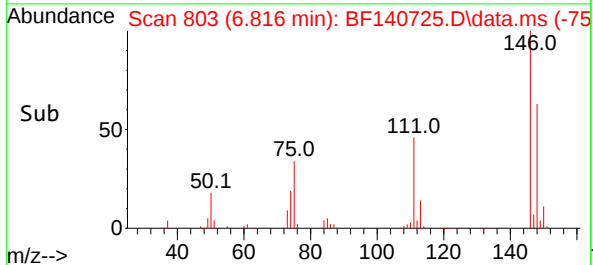
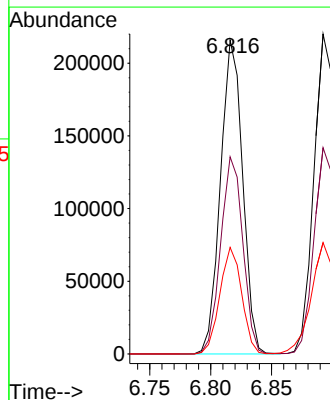
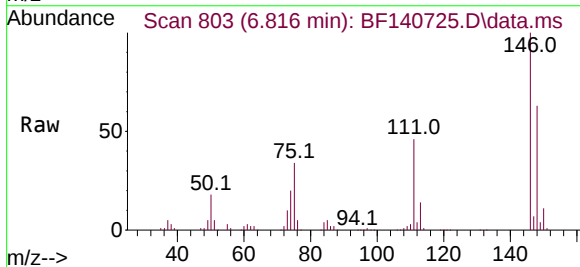
Tgt Ion:146 Resp: 273913

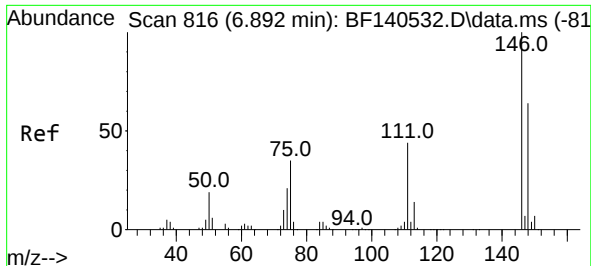
Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

75 34.0 28.2 42.2

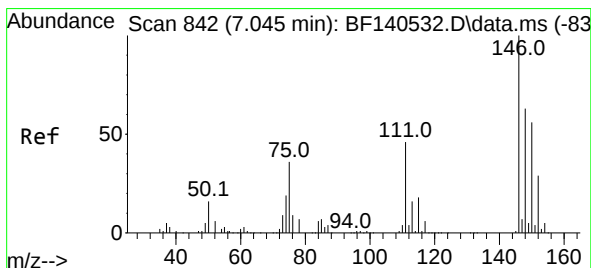
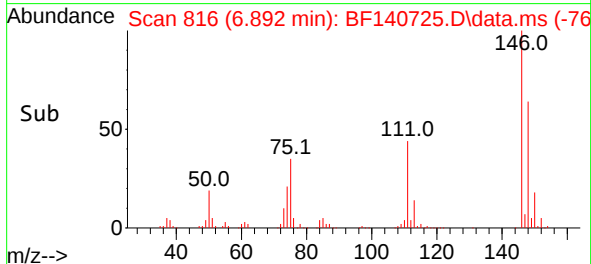
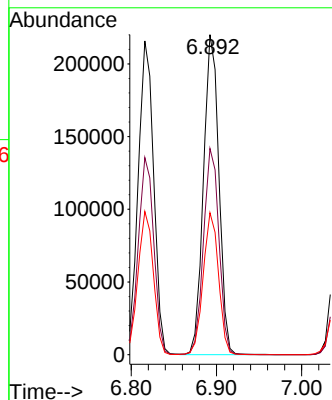
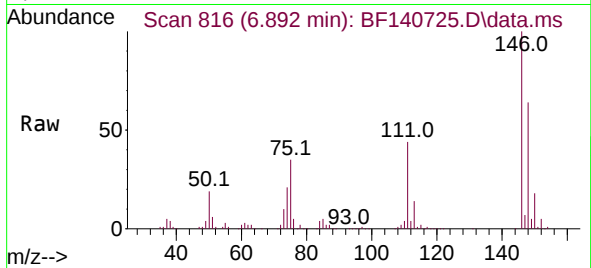




#13
1,4-Dichlorobenzene
Concen: 38.346 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

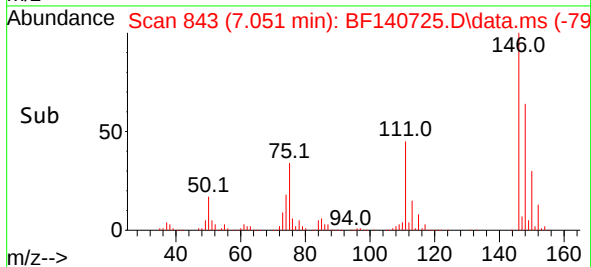
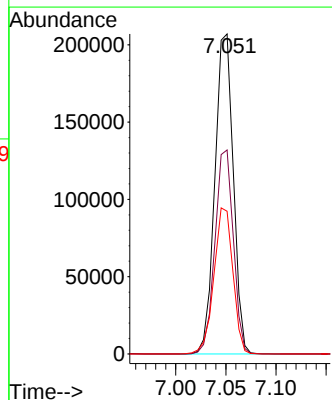
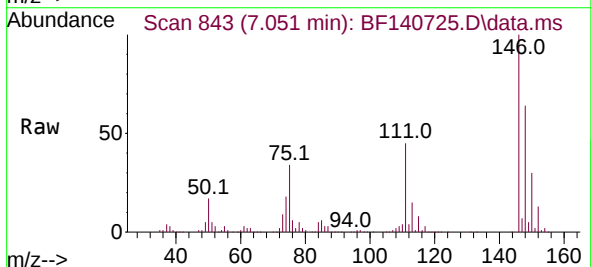
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

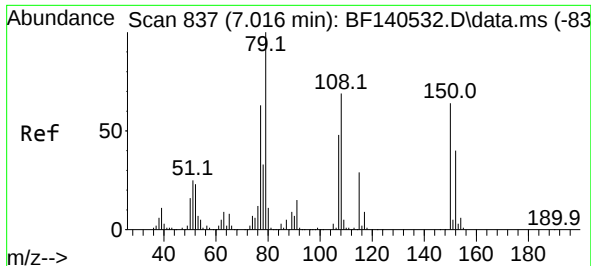
Tgt Ion:146 Resp: 276770
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 39.121 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:146 Resp: 264582
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 44.6 36.7 55.1

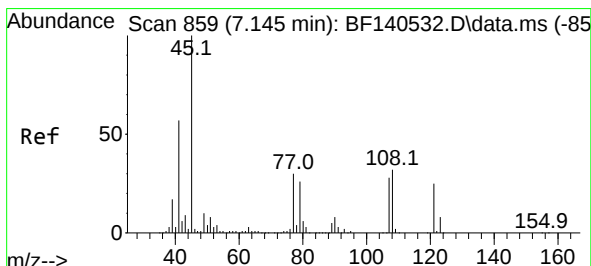
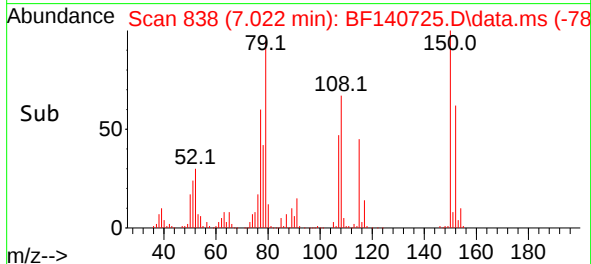
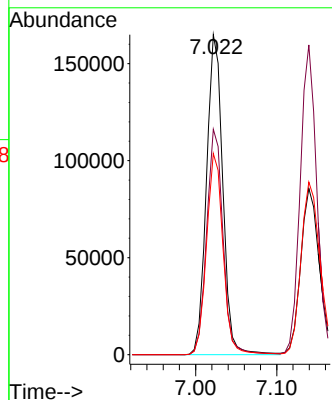
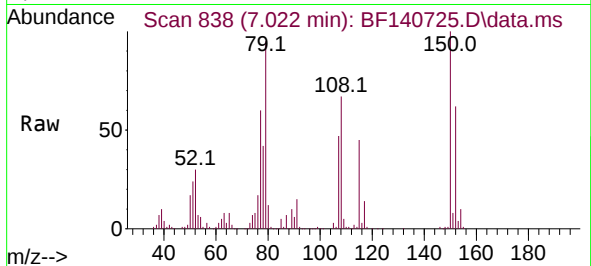




#15
Benzyl Alcohol
Concen: 39.637 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

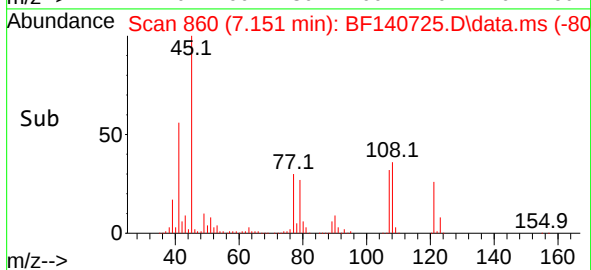
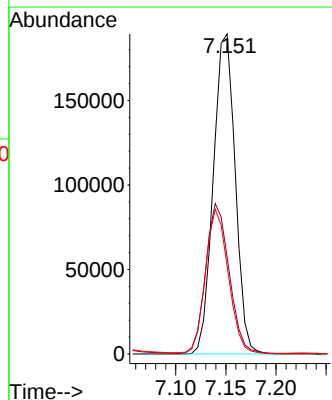
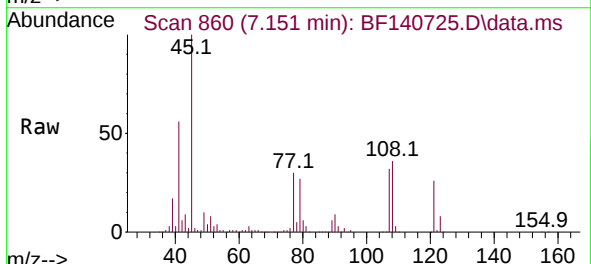
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

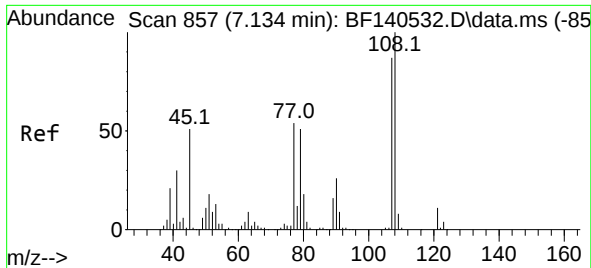
Tgt Ion: 79 Resp: 229144
Ion Ratio Lower Upper
79 100
108 70.5 55.0 82.6
77 62.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.822 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion: 45 Resp: 286607
Ion Ratio Lower Upper
45 100
77 30.4 10.7 50.7
79 27.5 7.0 47.0

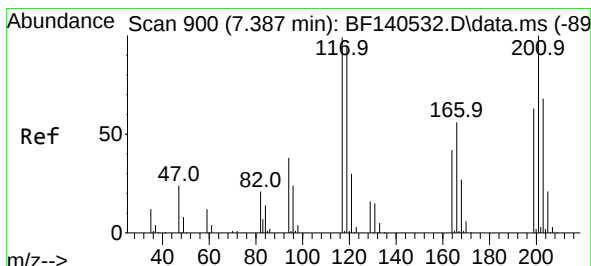
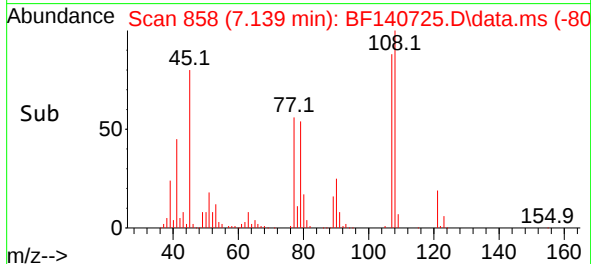
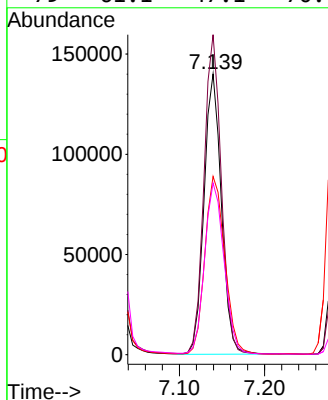
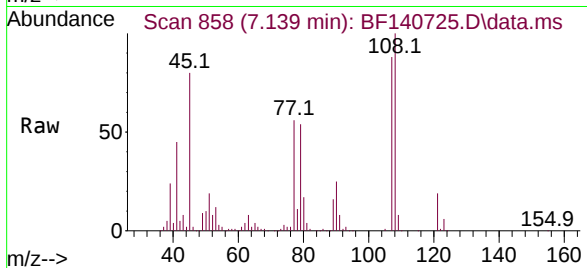




#17
2-Methylphenol
Concen: 39.034 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

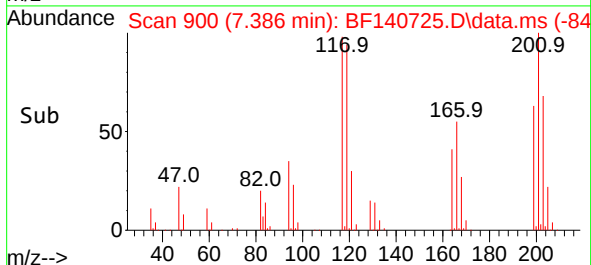
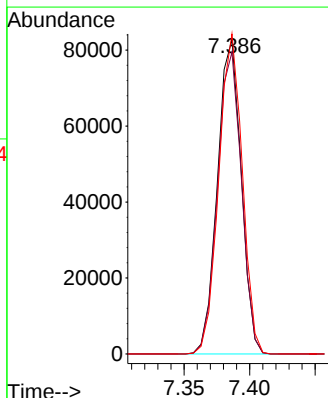
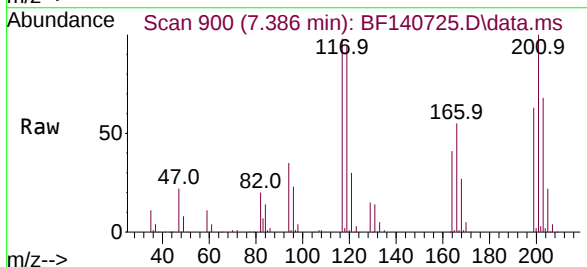
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

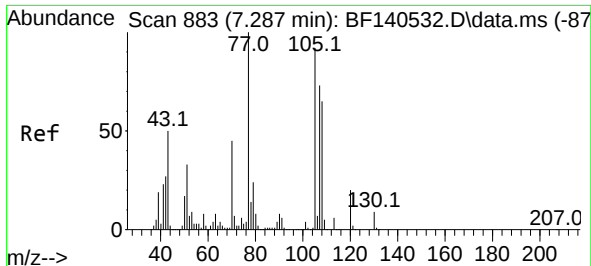
Tgt Ion:107 Resp: 198222
Ion Ratio Lower Upper
107 100
108 114.0 91.7 137.5
77 63.5 49.3 73.9
79 61.1 47.1 70.7



#18
Hexachloroethane
Concen: 38.673 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:117 Resp: 104252
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 101.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.629 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 187182

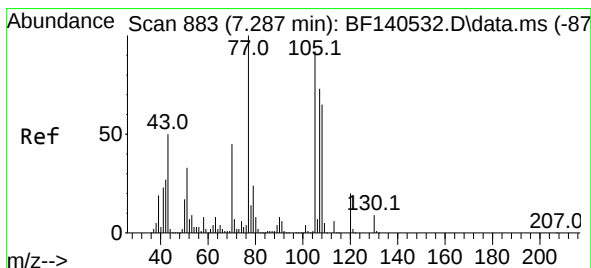
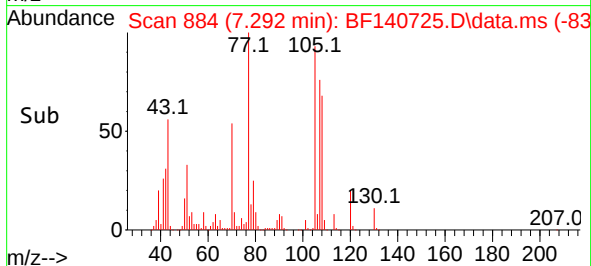
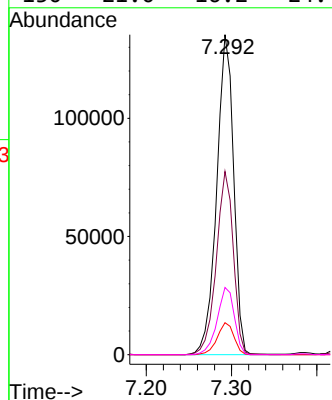
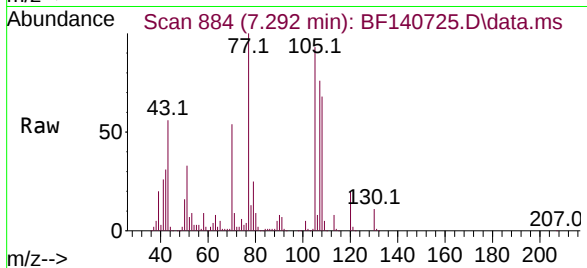
Ion Ratio Lower Upper

70 100

42 57.2 47.6 71.4

101 10.0 7.6 11.4

130 21.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 39.709 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Tgt Ion:107 Resp: 259193

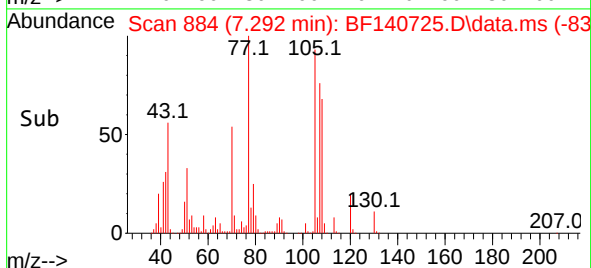
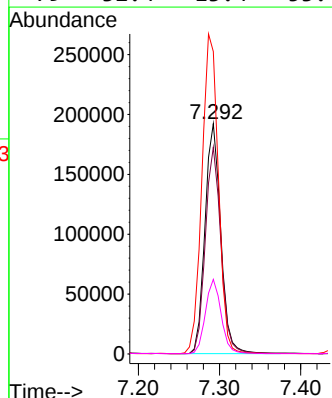
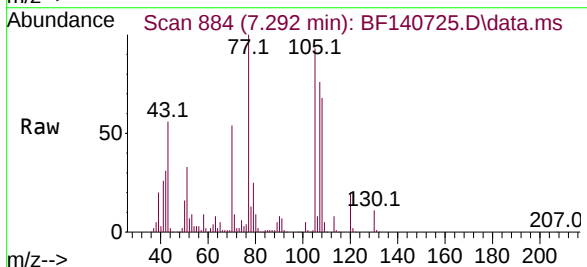
Ion Ratio Lower Upper

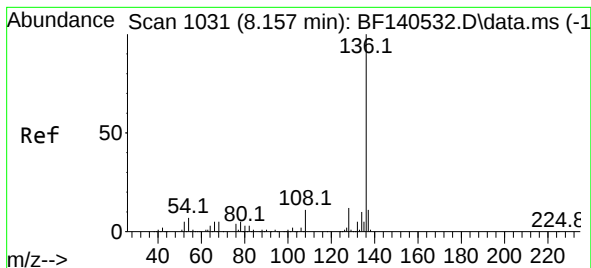
107 100

108 89.8 69.9 109.9

77 131.4 117.7 157.7

79 32.4 13.4 53.4



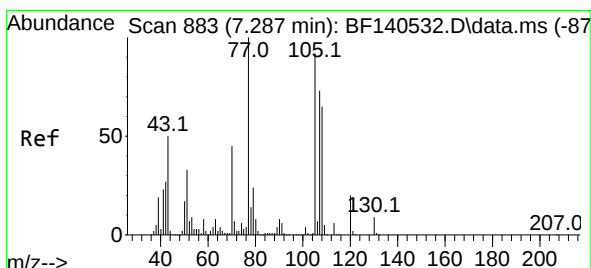
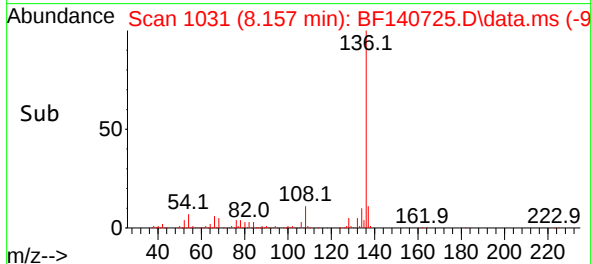
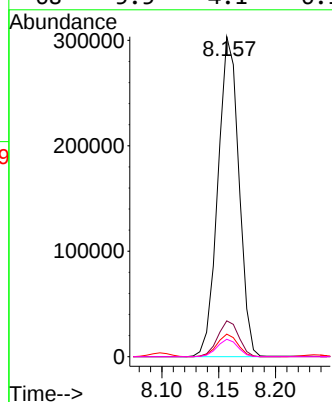
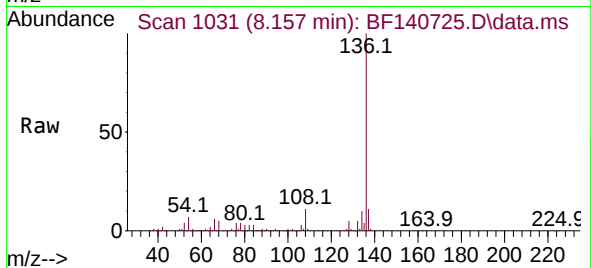


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 390070

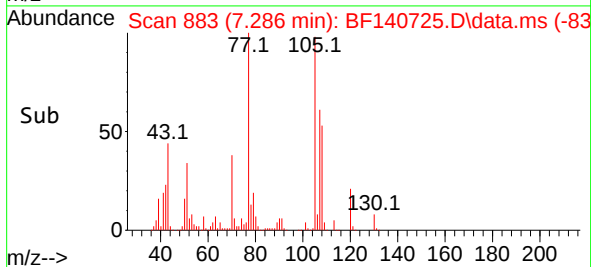
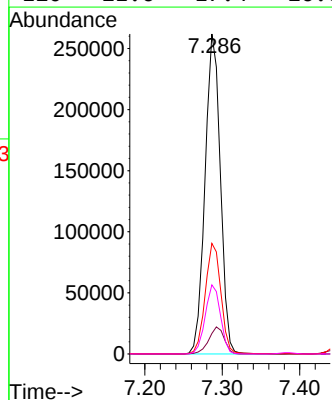
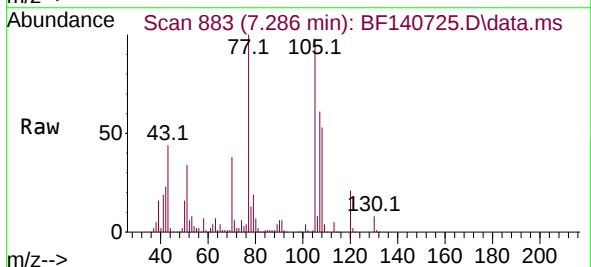
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.1	5.8	8.8
68	5.5	4.1	6.1

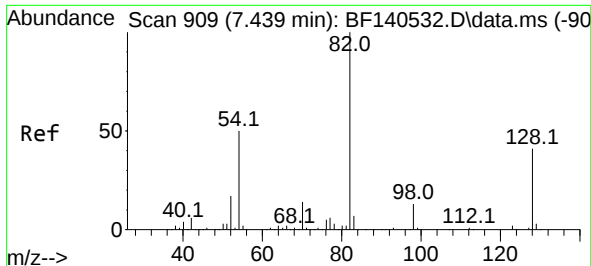


#22
Acetophenone
Concen: 37.807 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:105 Resp: 359530

Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.2	9.2
51	34.5	29.0	43.6
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 75.404 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

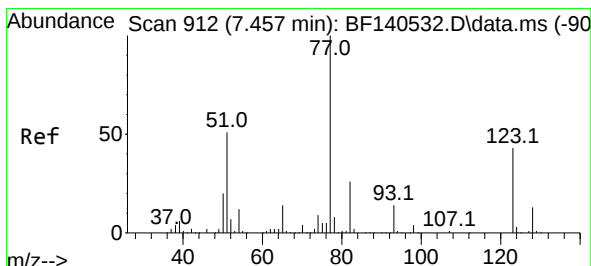
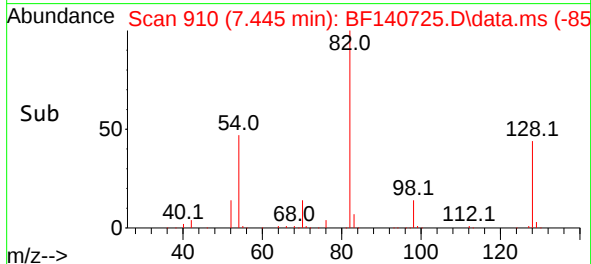
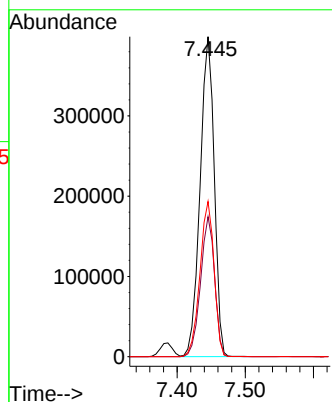
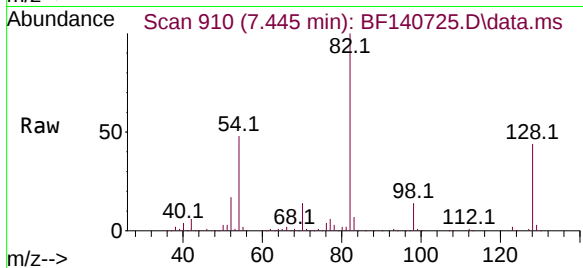
Tgt Ion: 82 Resp: 575025

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.4

54 48.5 39.5 59.3



#24

Nitrobenzene

Concen: 37.165 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

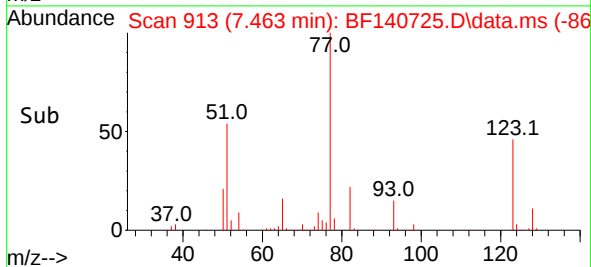
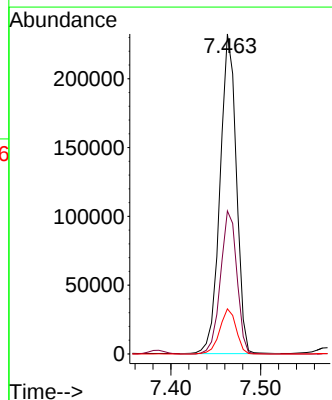
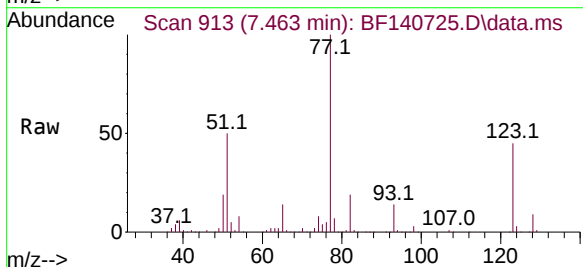
Tgt Ion: 77 Resp: 292923

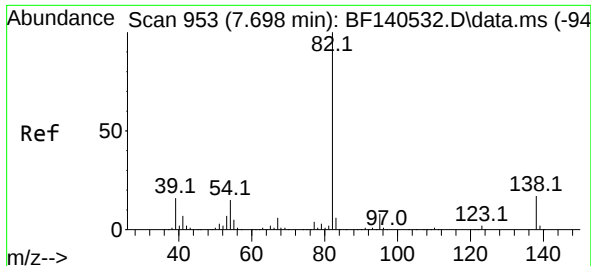
Ion Ratio Lower Upper

77 100

123 44.7 34.3 51.5

65 14.1 11.2 16.8

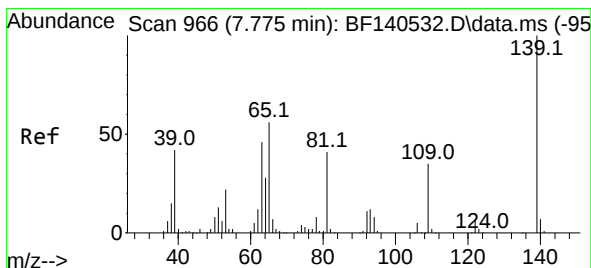
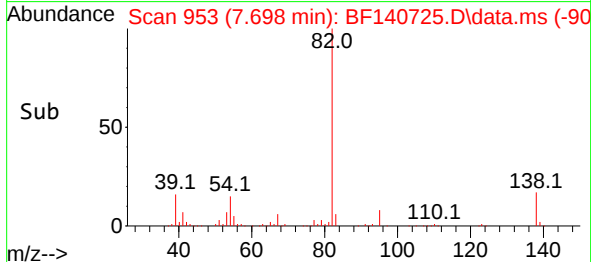
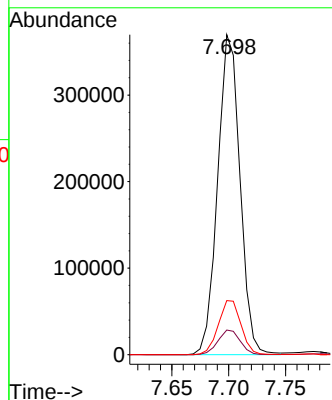
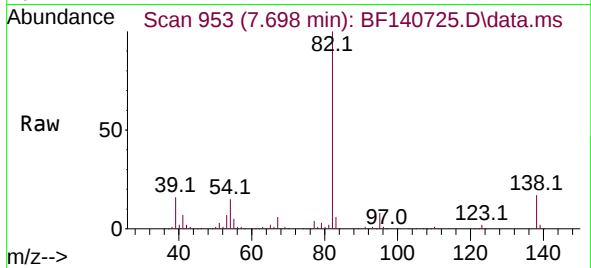




#25
Isophorone
Concen: 39.804 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

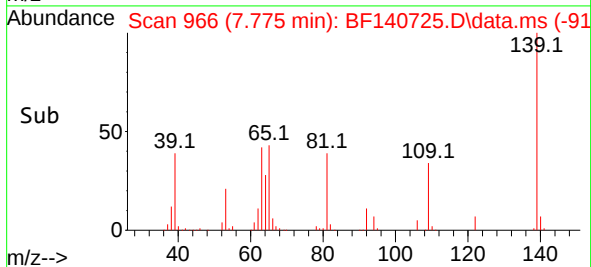
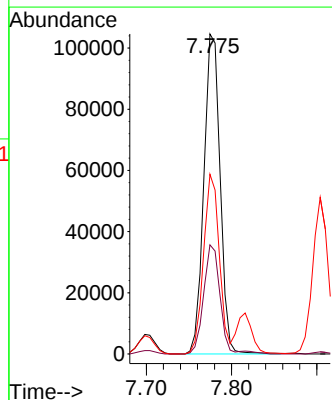
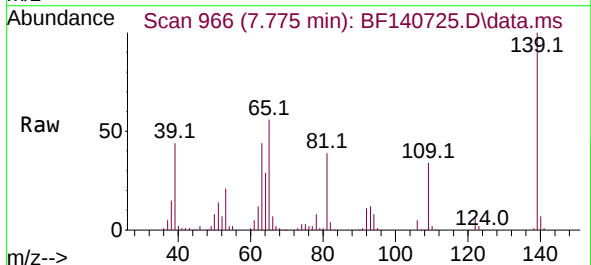
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

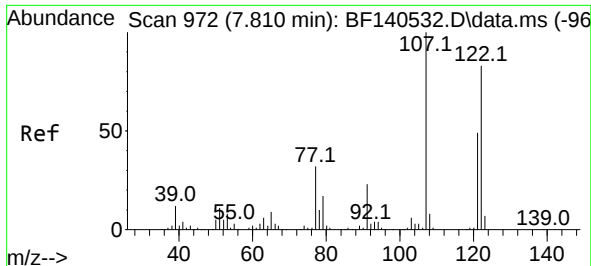
Tgt Ion: 82 Resp: 506290
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 39.742 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:139 Resp: 138812
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 56.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.069 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

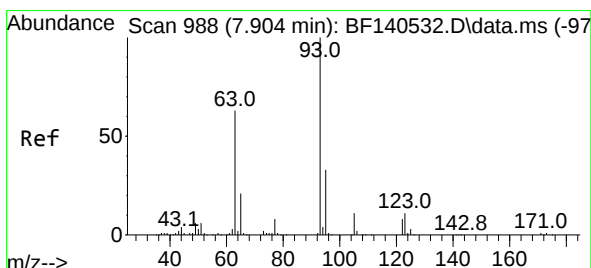
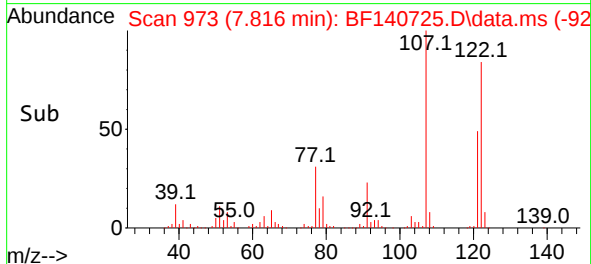
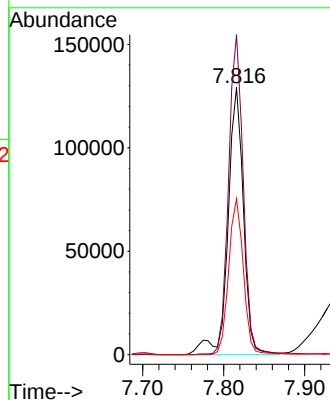
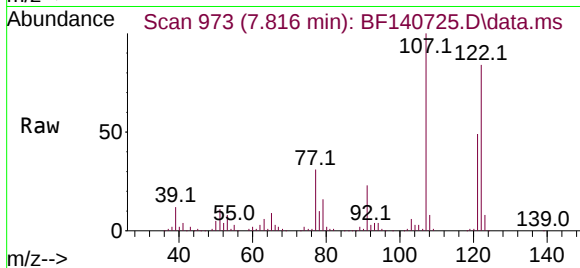
Tgt Ion:122 Resp: 171631

Ion Ratio Lower Upper

122 100

107 119.7 96.8 145.2

121 58.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.757 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

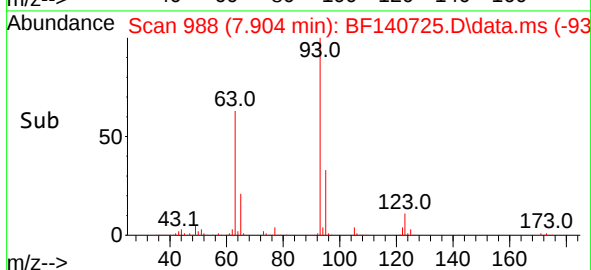
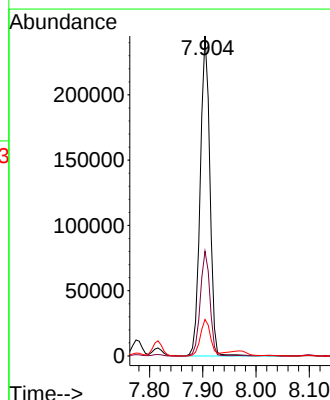
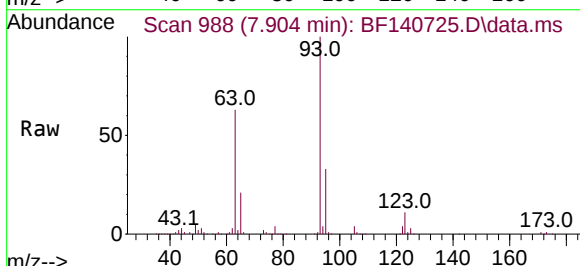
Tgt Ion: 93 Resp: 308069

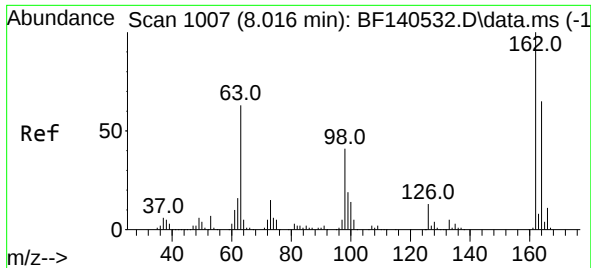
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.976 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

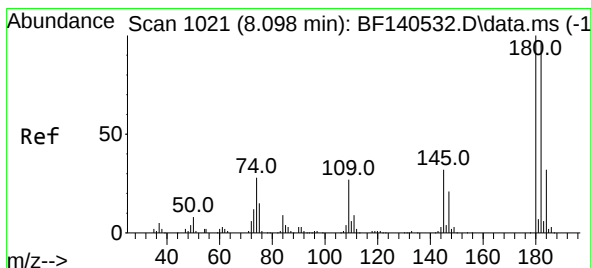
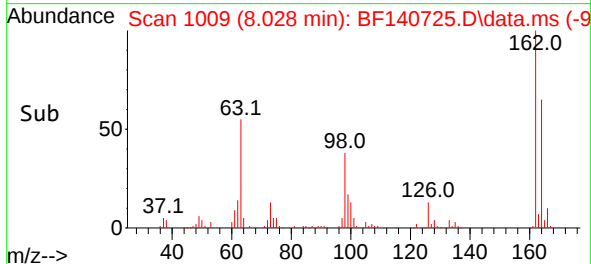
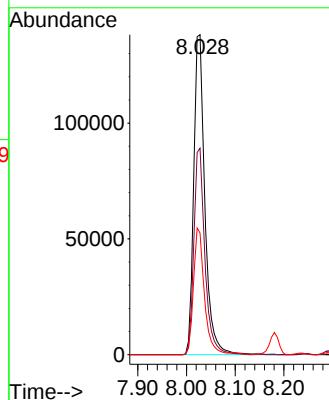
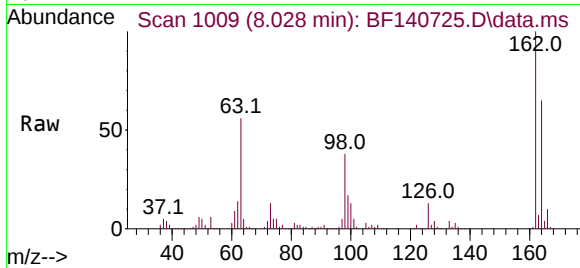
Tgt Ion:162 Resp: 221368

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

98 38.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 39.063 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

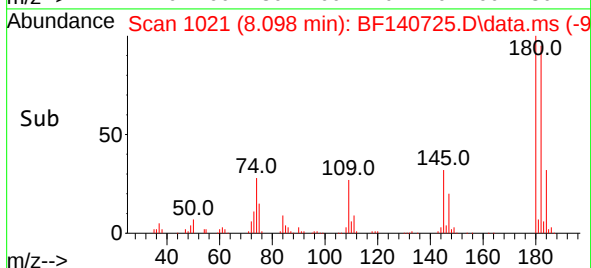
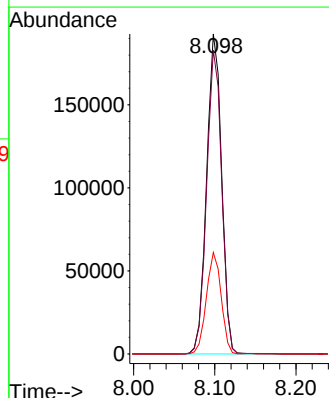
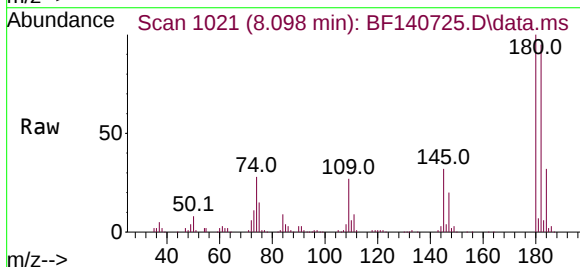
Tgt Ion:180 Resp: 246981

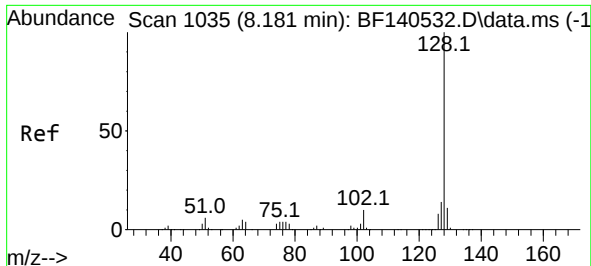
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.7 25.9 38.9

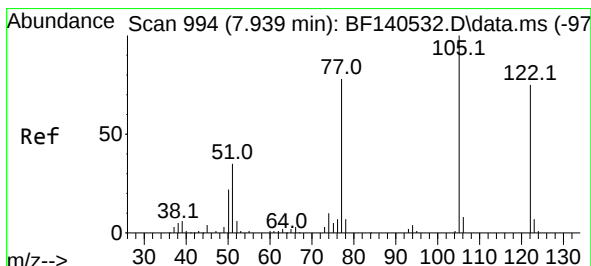
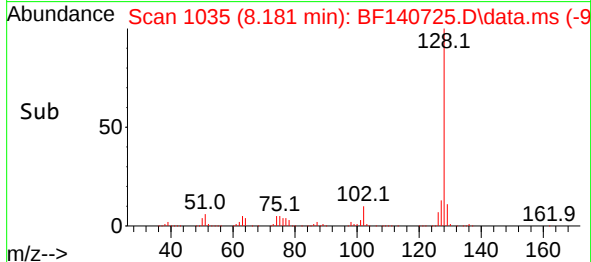
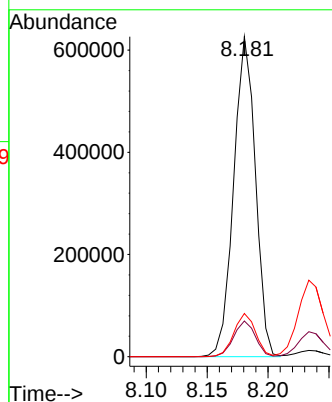
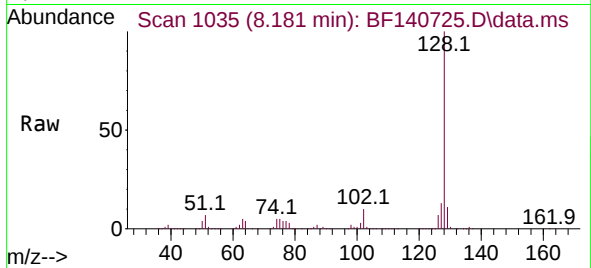




#31
Naphthalene
Concen: 38.685 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

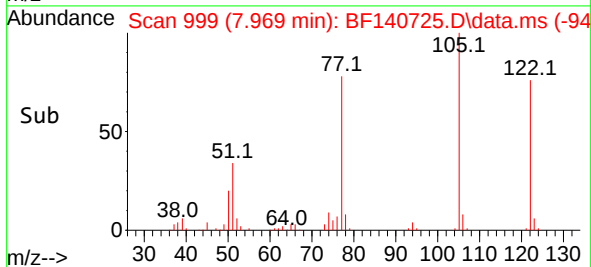
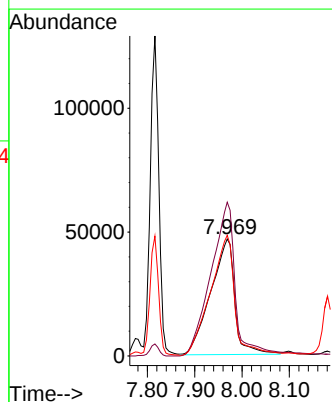
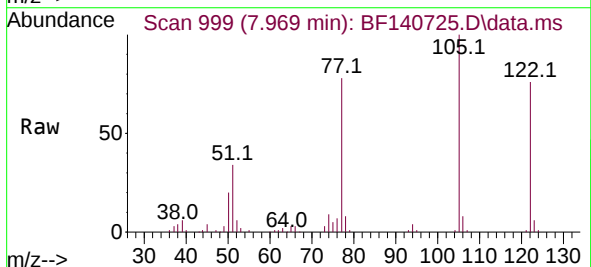
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

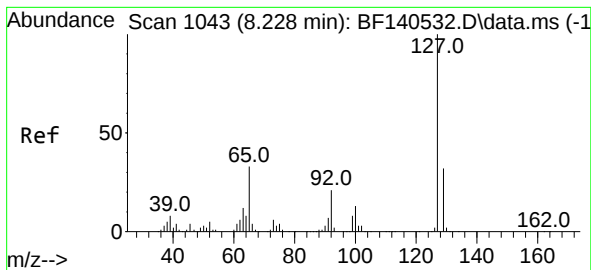
Tgt Ion:128 Resp: 777258
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 45.841 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.030 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:122 Resp: 165324
Ion Ratio Lower Upper
122 100
105 131.5 109.3 149.3
77 103.2 82.3 122.3





#33

4-Chloroaniline

Concen: 38.532 ng

RT: 8.233 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 231794

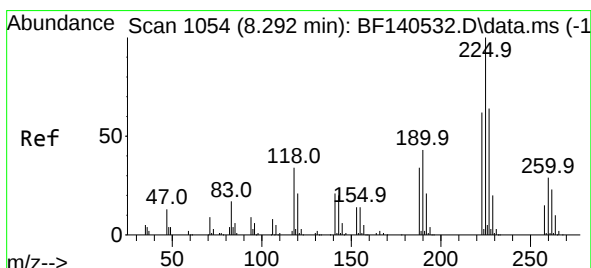
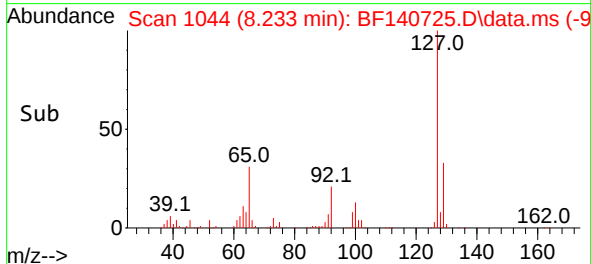
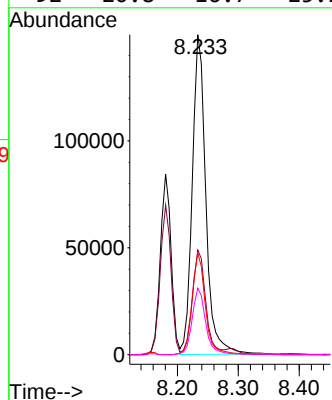
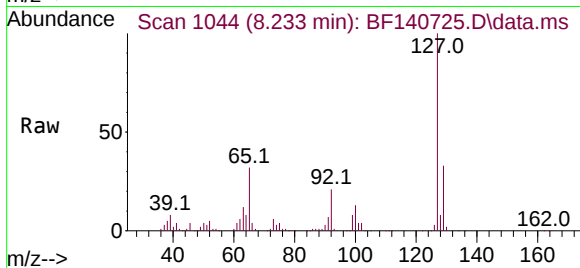
Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

65 31.7 26.0 39.0

92 20.8 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.719 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

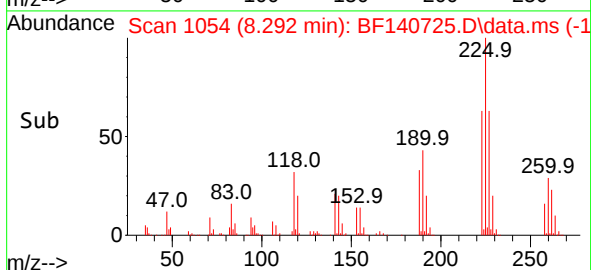
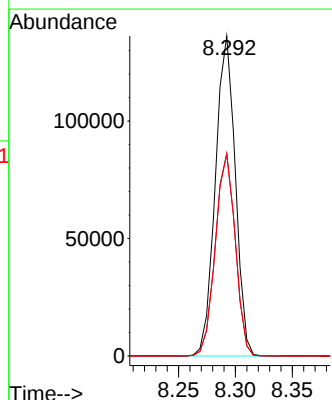
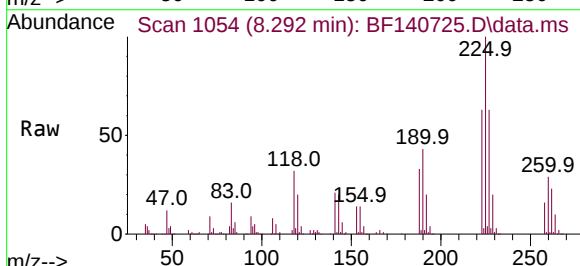
Tgt Ion:225 Resp: 166337

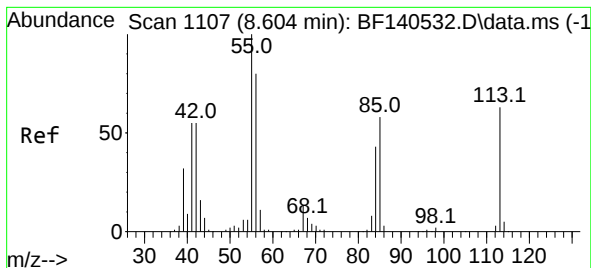
Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.8

227 63.0 51.3 76.9





#35

Caprolactam

Concen: 38.796 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

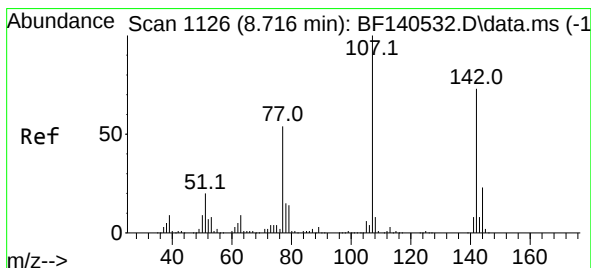
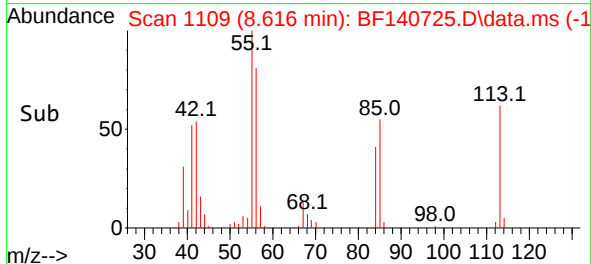
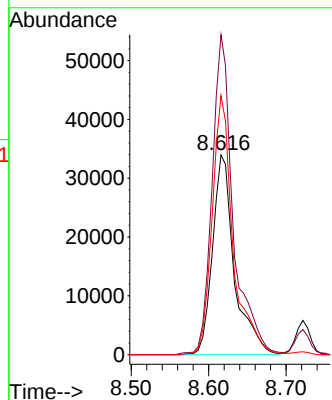
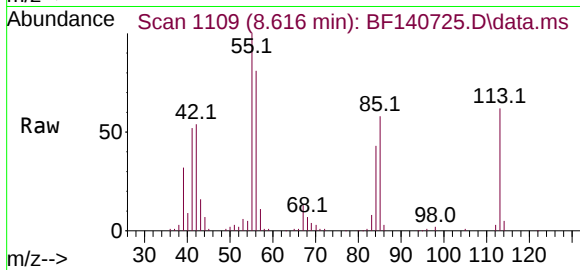
Tgt Ion:113 Resp: 66485

Ion Ratio Lower Upper

113 100

55 160.2 137.7 177.7

56 129.7 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 39.820 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

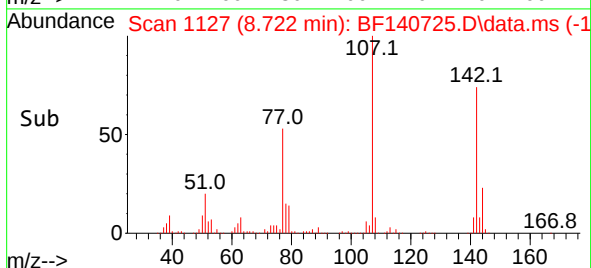
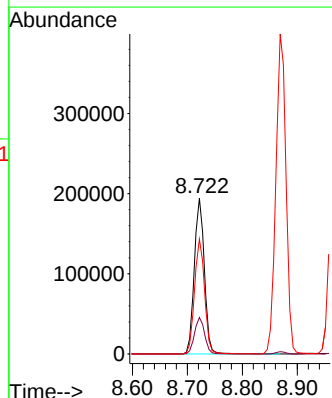
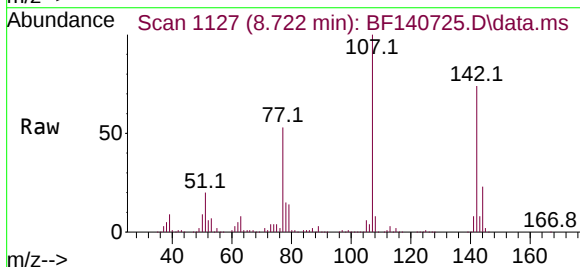
Tgt Ion:107 Resp: 246887

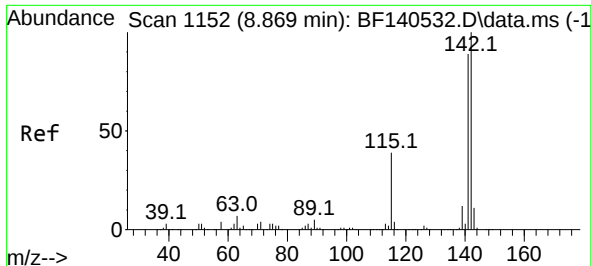
Ion Ratio Lower Upper

107 100

144 23.5 18.7 28.1

142 73.7 58.3 87.5

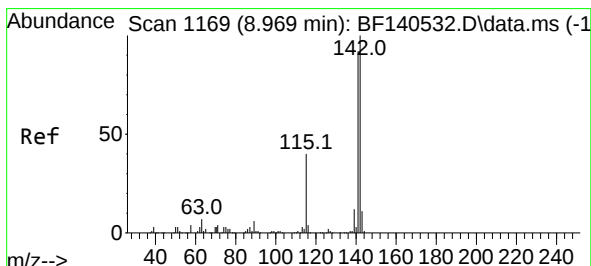
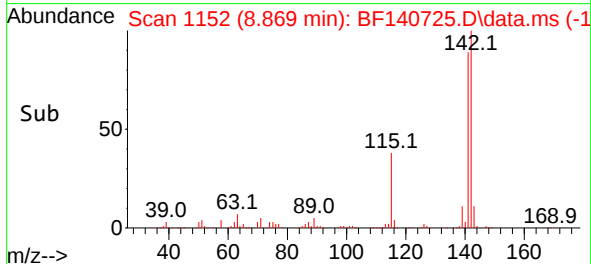
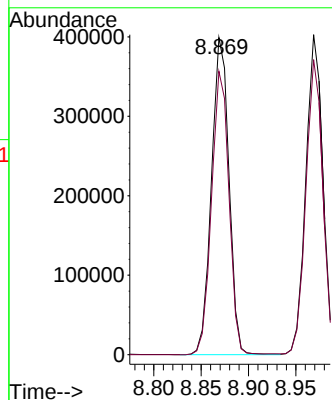
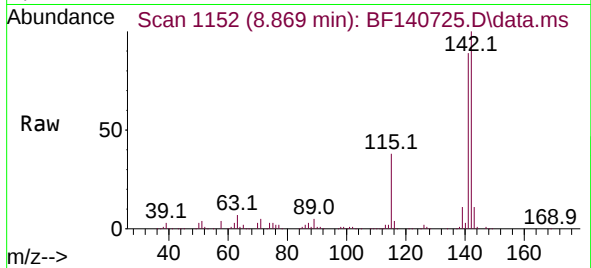




#37
2-Methylnaphthalene
Concen: 40.092 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

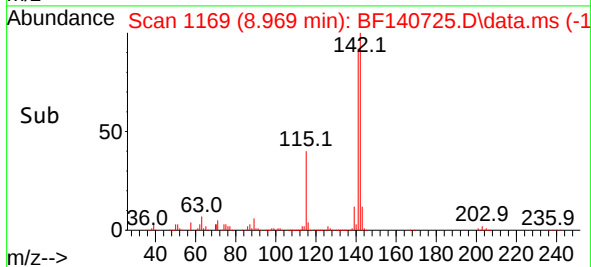
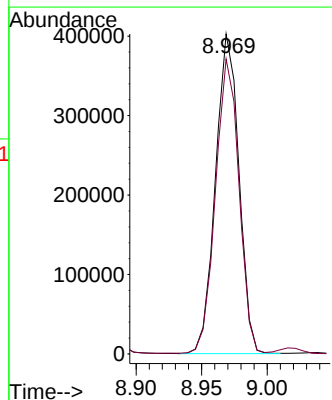
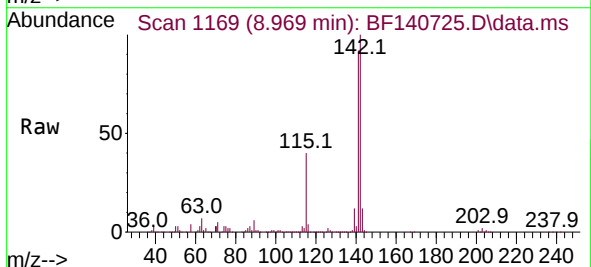
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

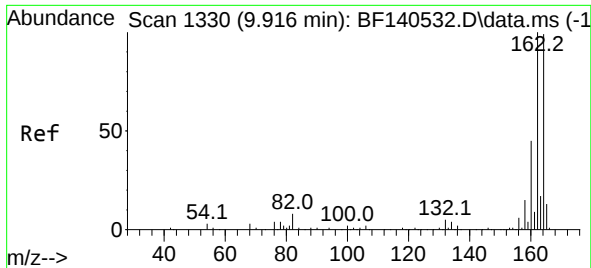
Tgt Ion:142 Resp: 511633
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 39.900 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:142 Resp: 499102
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9

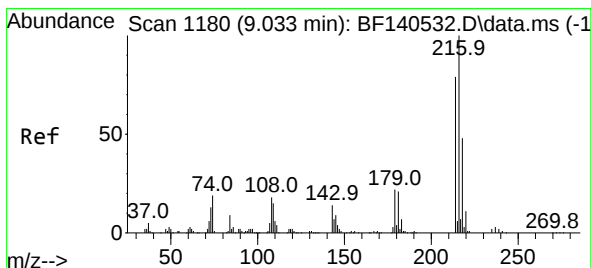
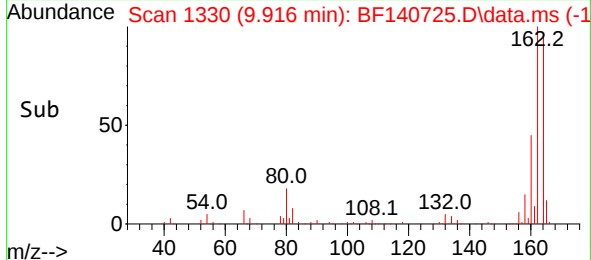
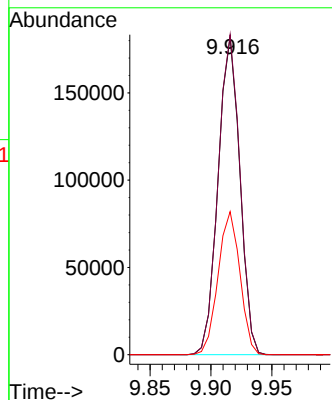
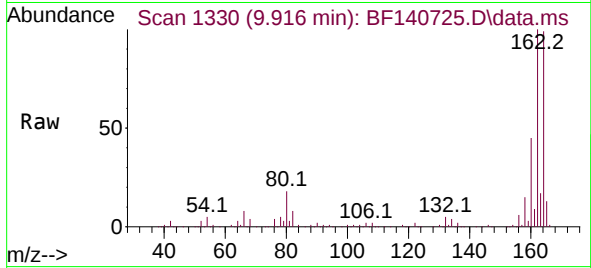




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

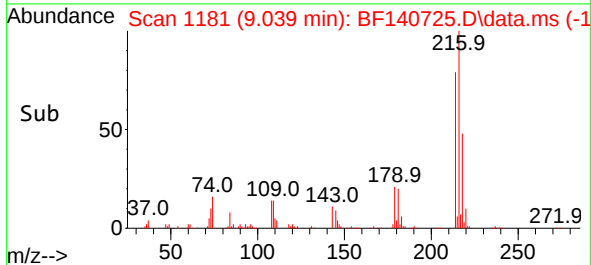
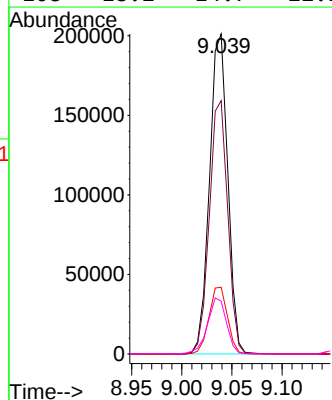
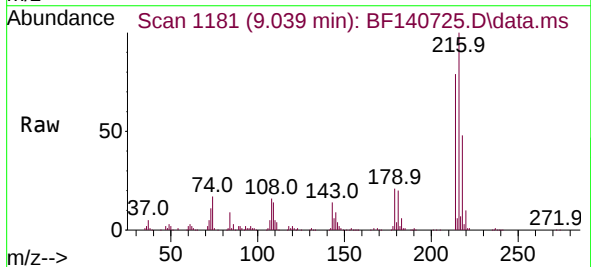
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

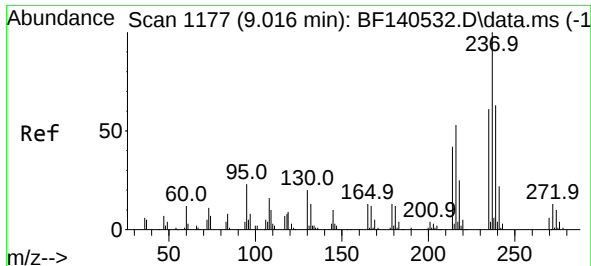
Tgt Ion:164 Resp: 226870
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.419 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:216 Resp: 255164
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 21.2 17.5 26.3
108 18.2 14.7 22.1

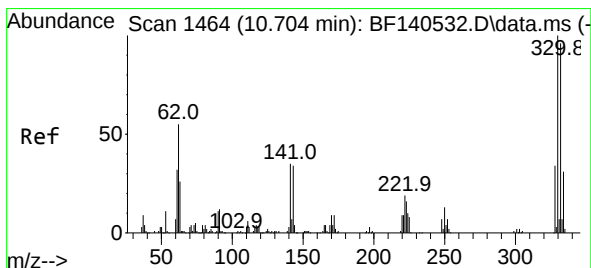
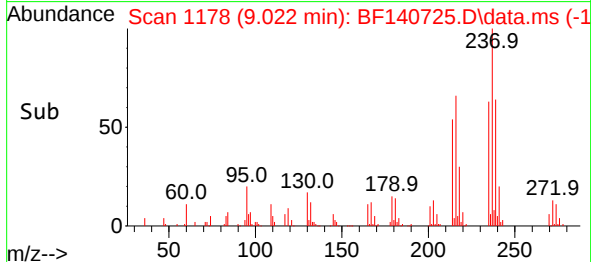
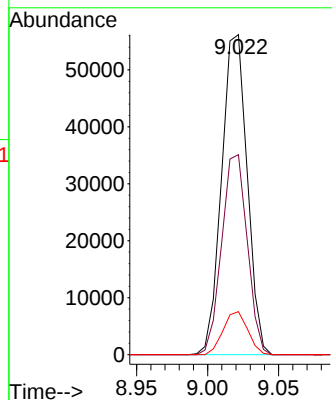
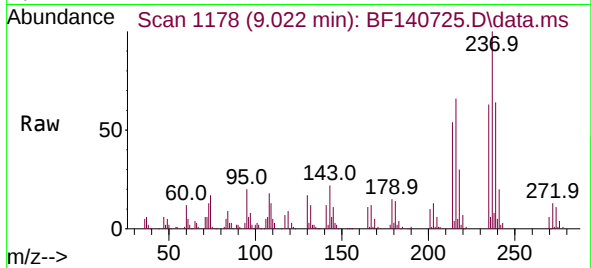




#41
Hexachlorocyclopentadiene
Concen: 50.168 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

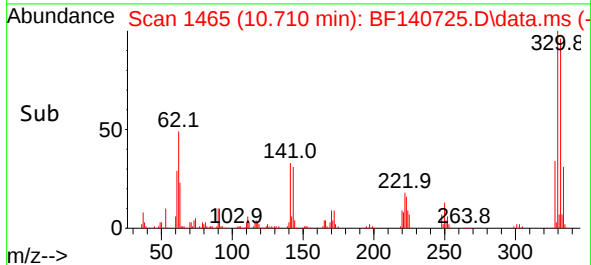
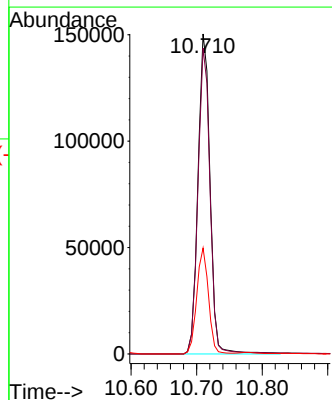
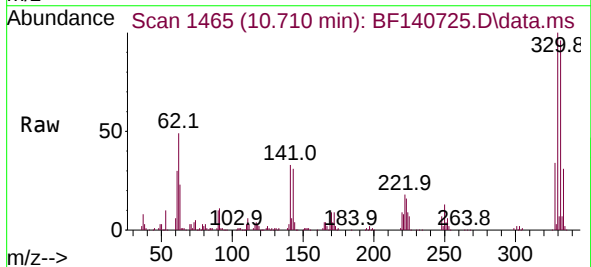
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

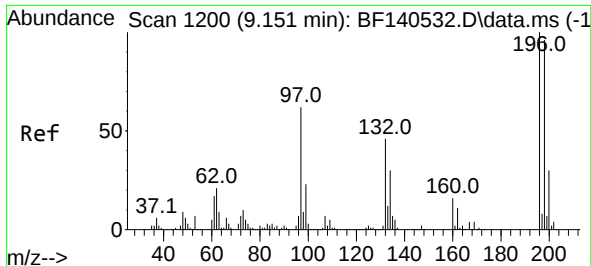
Tgt Ion:237 Resp: 70428
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 79.493 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:330 Resp: 192880
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 32.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 38.701 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

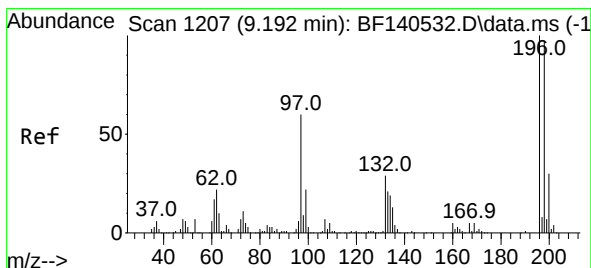
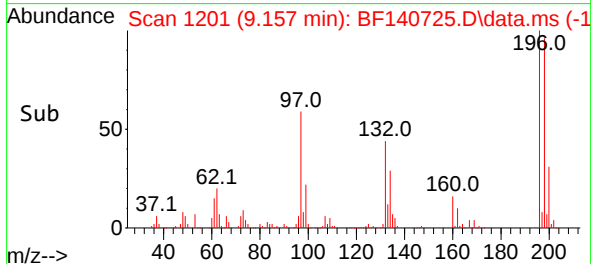
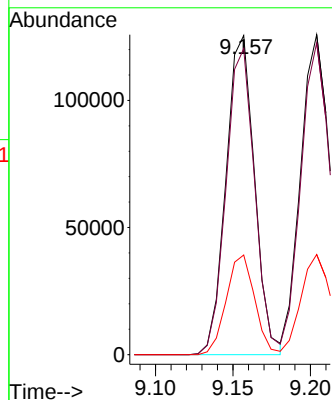
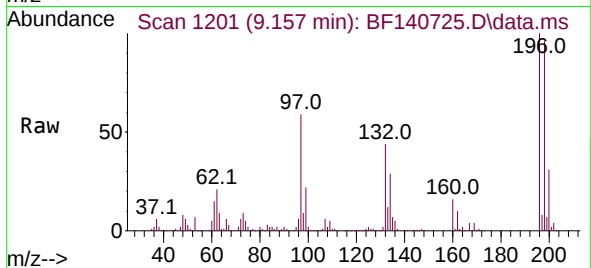
Tgt Ion:196 Resp: 161289

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 38.991 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Tgt Ion:196 Resp: 176355

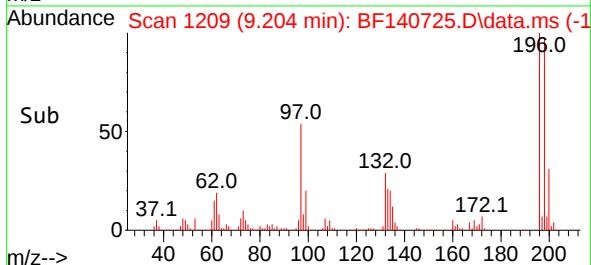
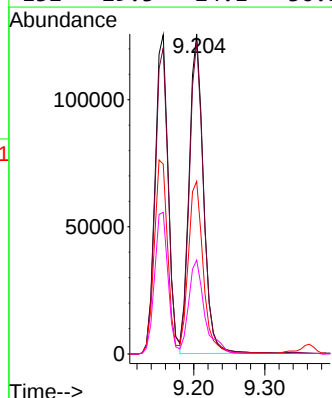
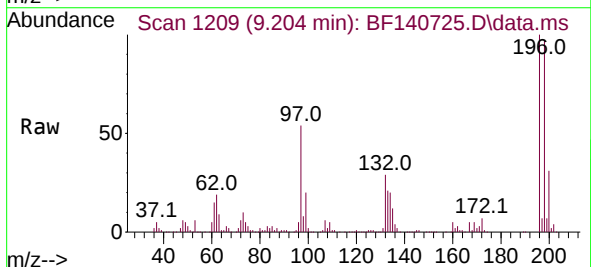
Ion Ratio Lower Upper

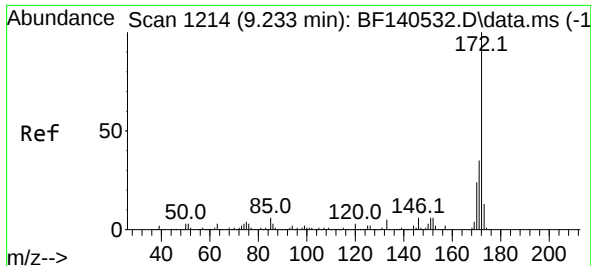
196 100

198 97.4 77.2 115.8

97 53.9 47.1 70.7

132 29.3 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 77.485 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

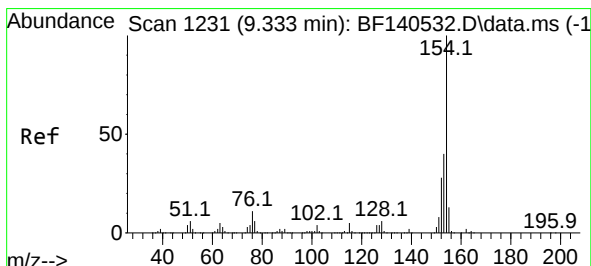
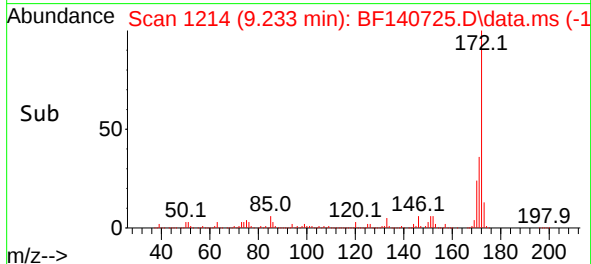
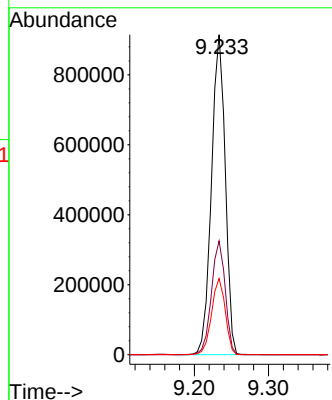
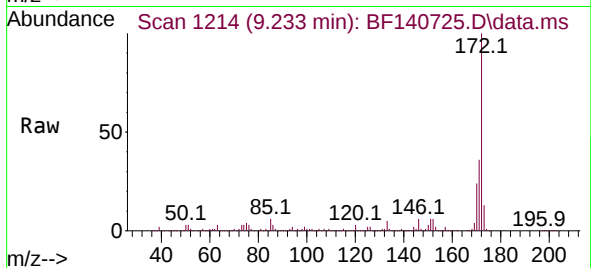
Tgt Ion:172 Resp: 1179849

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.666 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

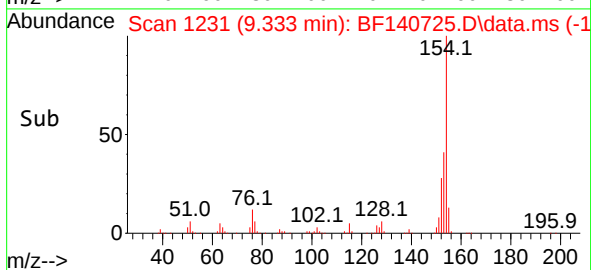
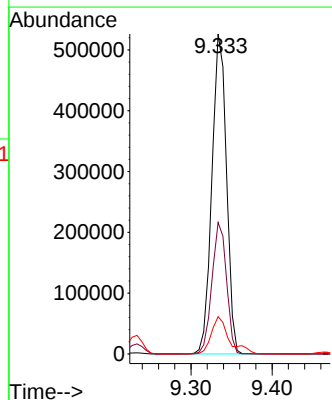
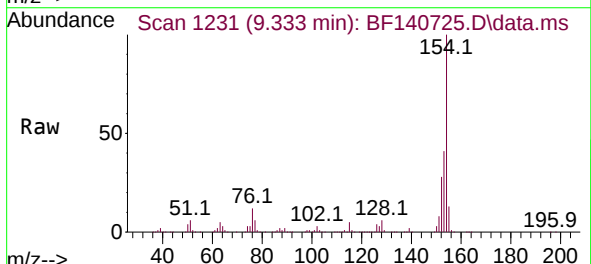
Tgt Ion:154 Resp: 654931

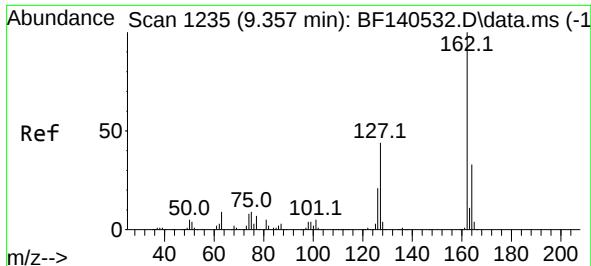
Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

76 11.7 0.0 31.2

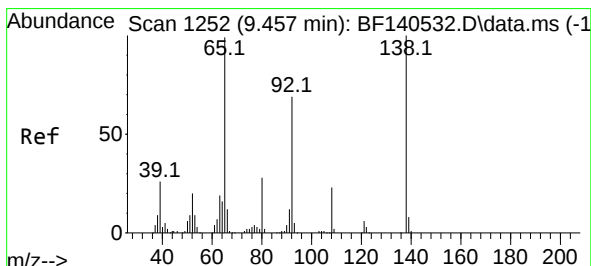
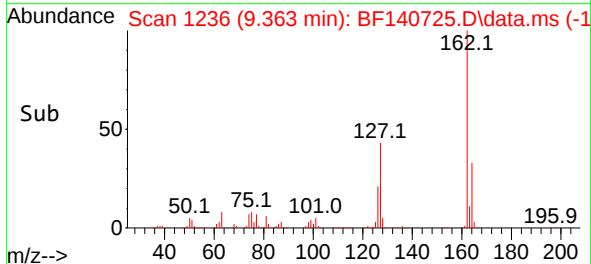
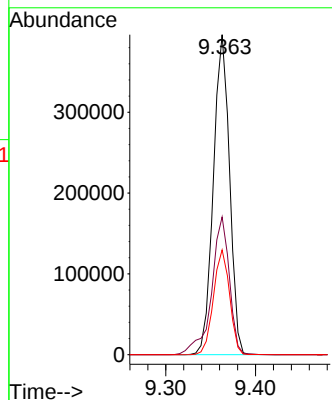
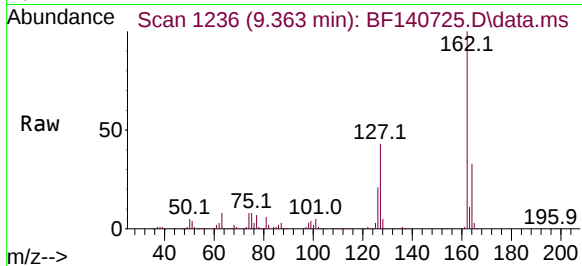




#47
2-Chloronaphthalene
Concen: 38.581 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

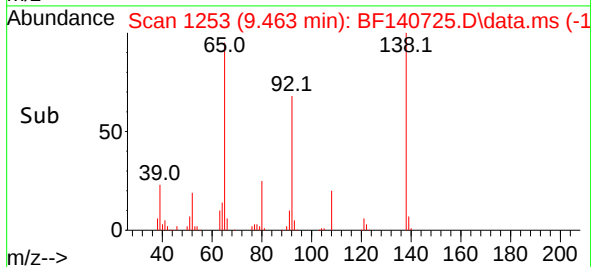
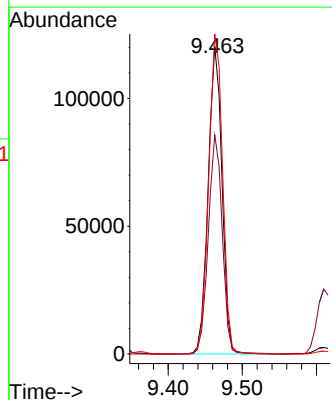
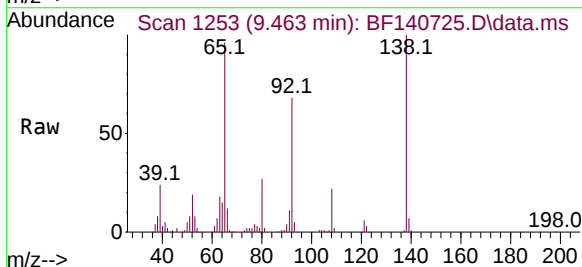
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

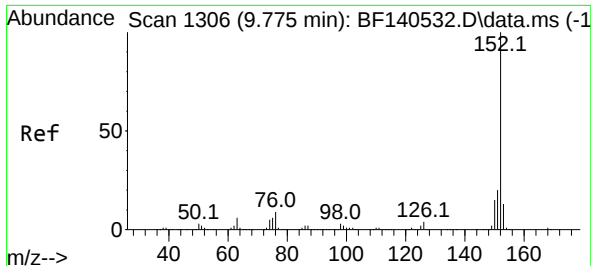
Tgt Ion:162 Resp: 495165
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 38.046 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion: 65 Resp: 156734
Ion Ratio Lower Upper
65 100
92 71.2 56.1 84.1
138 104.0 81.0 121.6

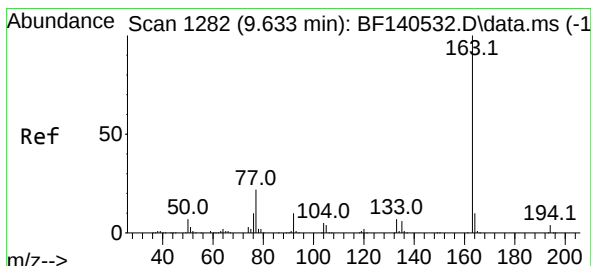
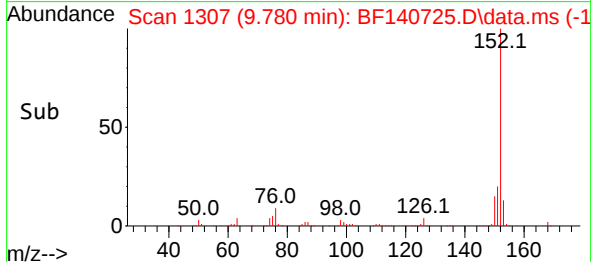
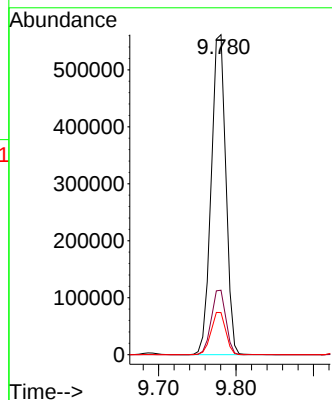
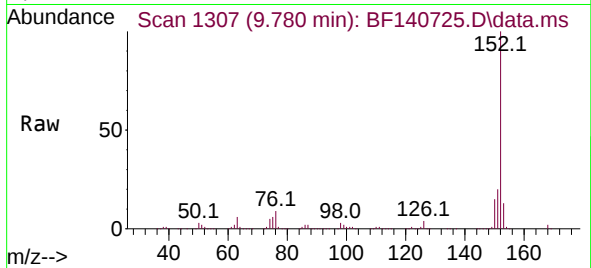




#49
Acenaphthylene
Concen: 38.046 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

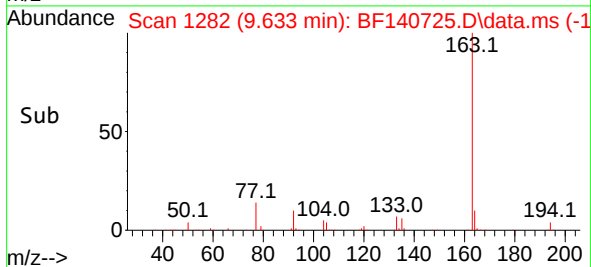
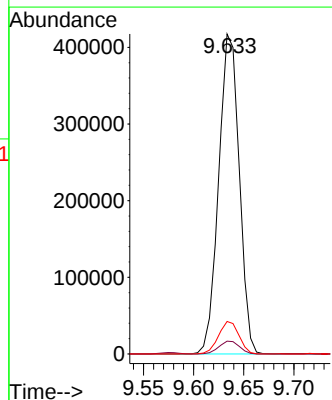
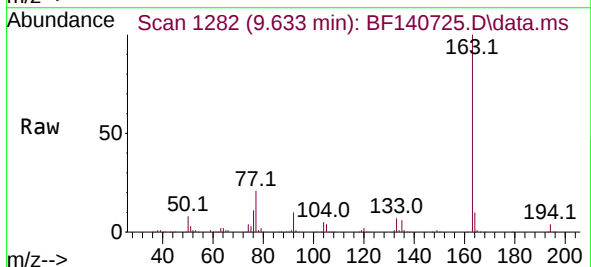
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

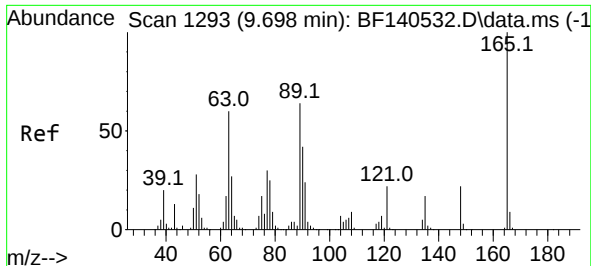
Tgt Ion:152 Resp: 737784
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 39.857 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:163 Resp: 595527
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.035 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

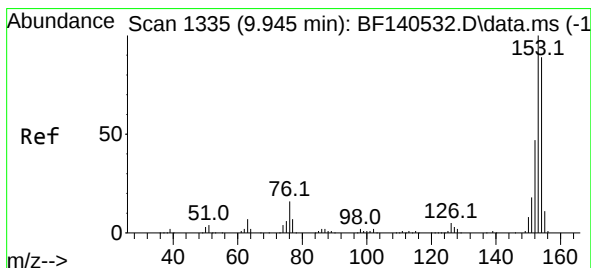
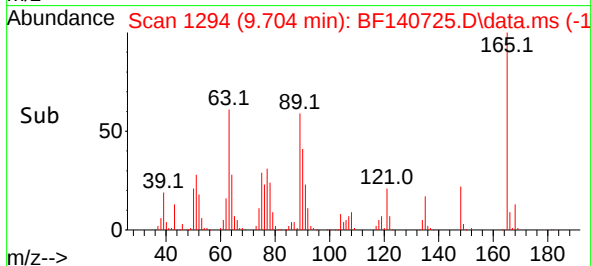
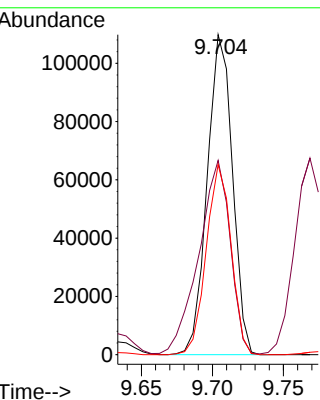
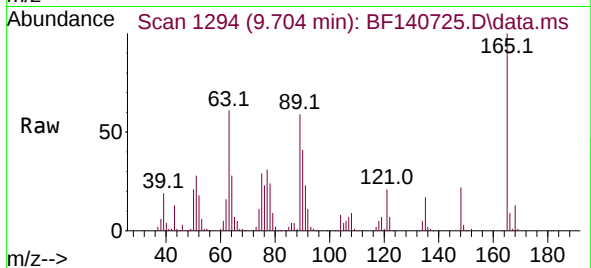
Tgt Ion:165 Resp: 135664

Ion Ratio Lower Upper

165 100

63 60.7 49.9 74.9

89 59.4 50.9 76.3



#52

Acenaphthene

Concen: 38.263 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

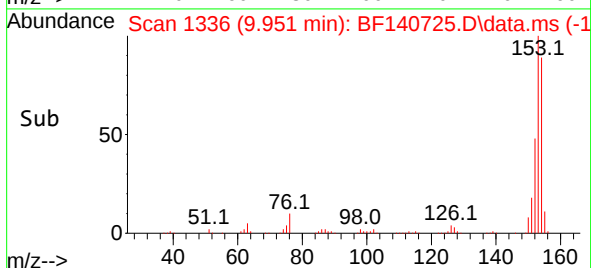
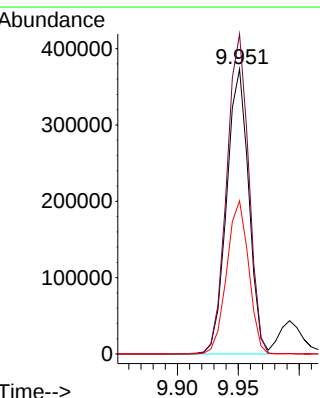
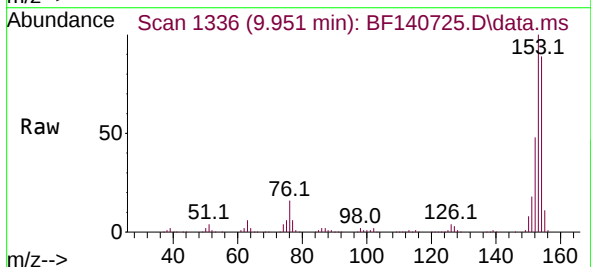
Tgt Ion:154 Resp: 471459

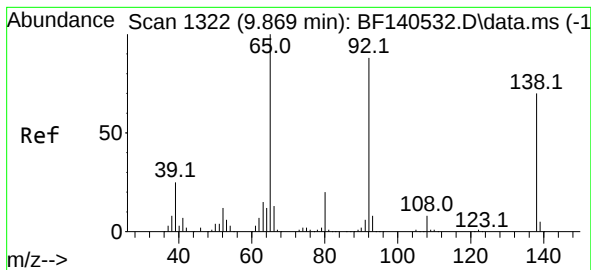
Ion Ratio Lower Upper

154 100

153 112.3 89.7 134.5

152 53.7 42.5 63.7





#53

3-Nitroaniline

Concen: 38.881 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

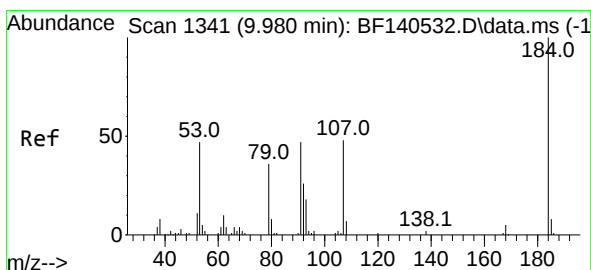
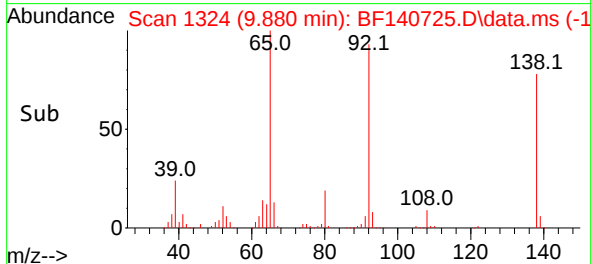
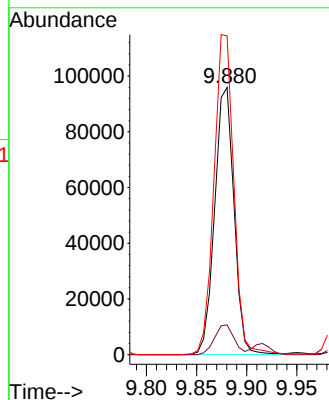
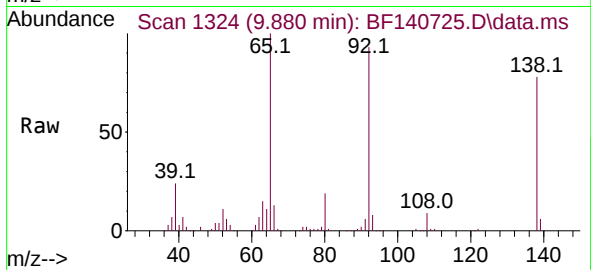
Tgt Ion:138 Resp: 128863

Ion Ratio Lower Upper

138 100

108 11.1 9.2 13.8

92 119.4 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 54.486 ng

RT: 9.992 min Scan# 1343

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

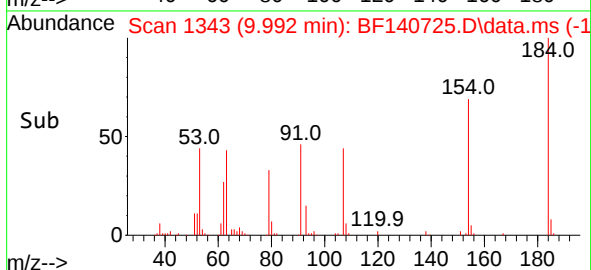
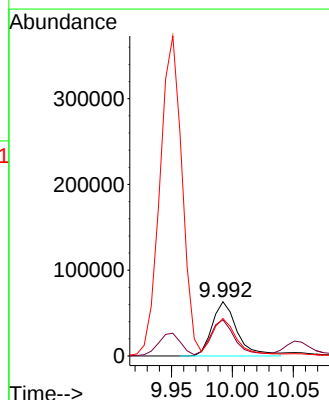
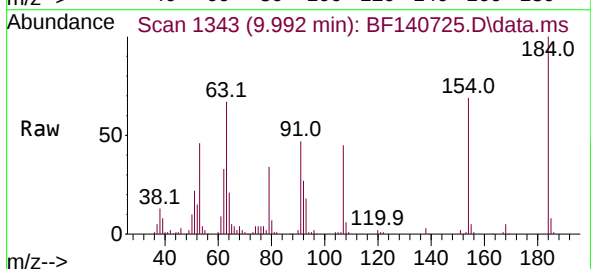
Tgt Ion:184 Resp: 90770

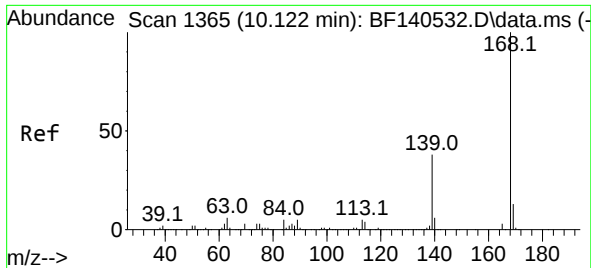
Ion Ratio Lower Upper

184 100

63 66.6 54.1 81.1

154 68.9 57.4 86.0

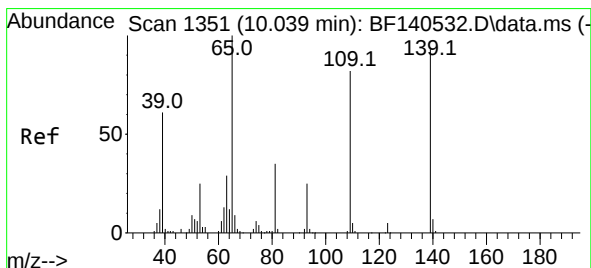
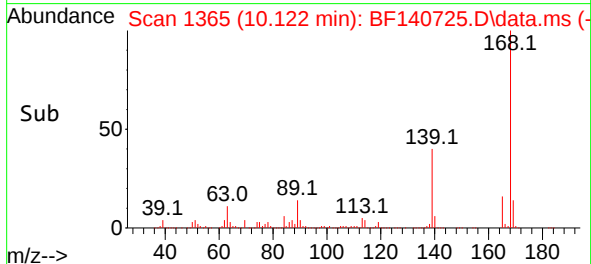
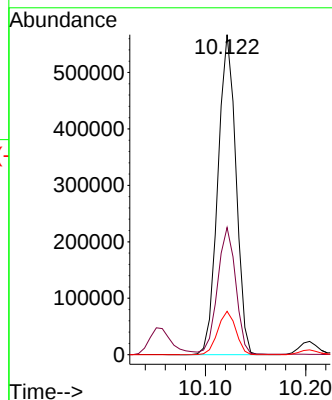
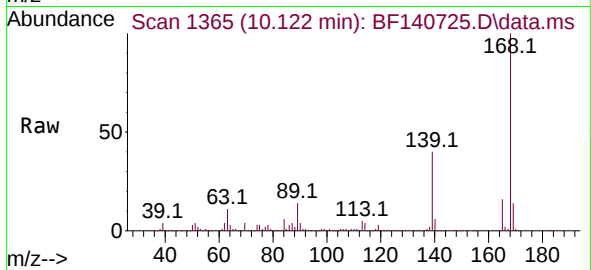




#55
Dibenzofuran
Concen: 37.692 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

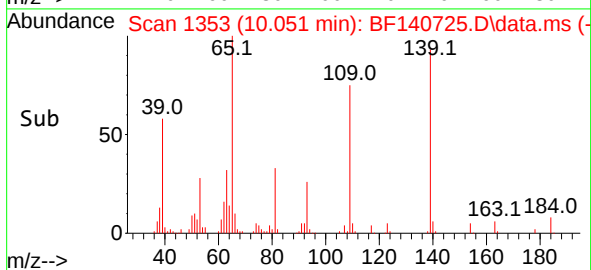
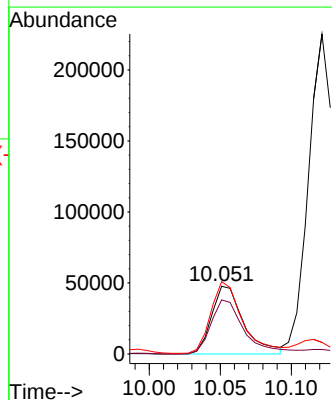
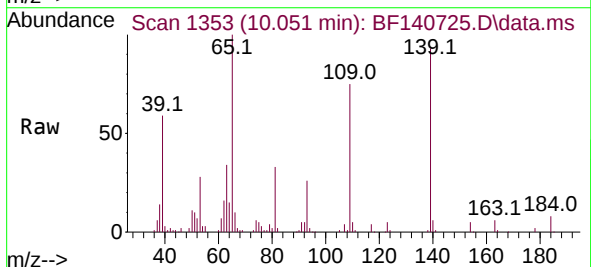
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

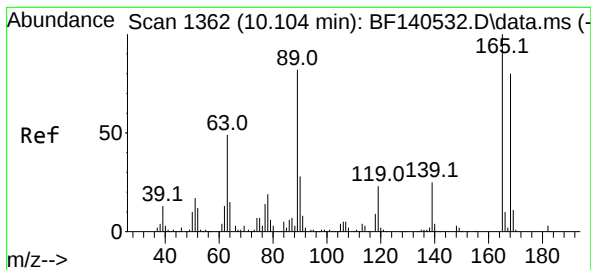
Tgt Ion:168 Resp: 708403
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 33.200 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:139 Resp: 75043
Ion Ratio Lower Upper
139 100
109 80.0 68.4 108.4
65 107.1 88.6 128.6

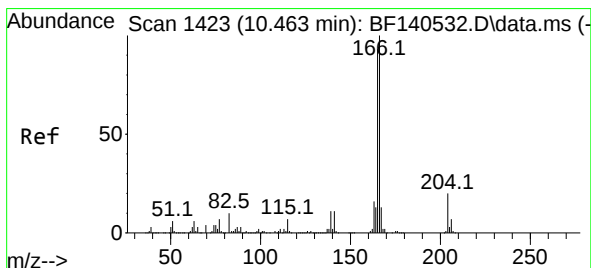
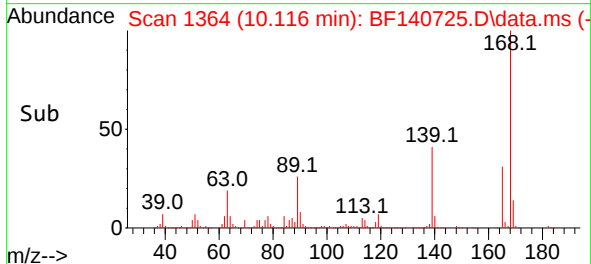
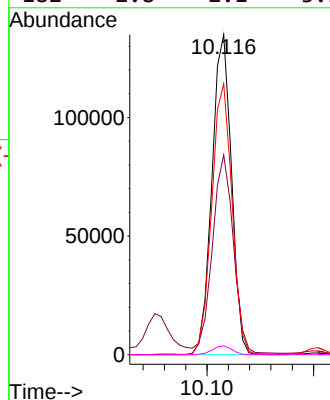
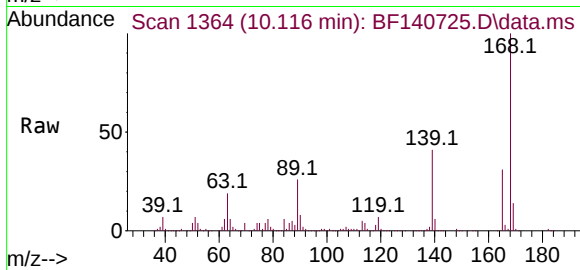




#57
2,4-Dinitrotoluene
Concen: 38.056 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

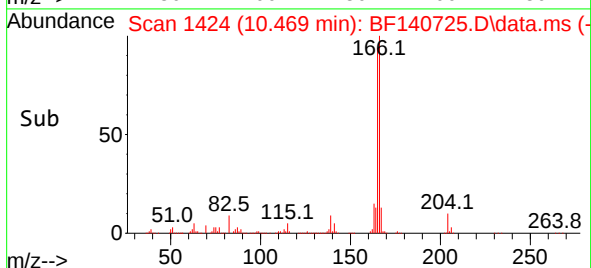
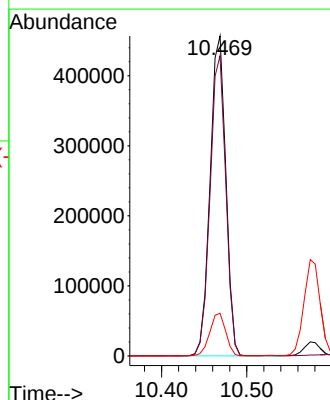
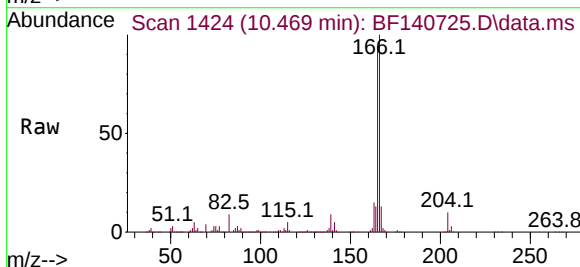
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

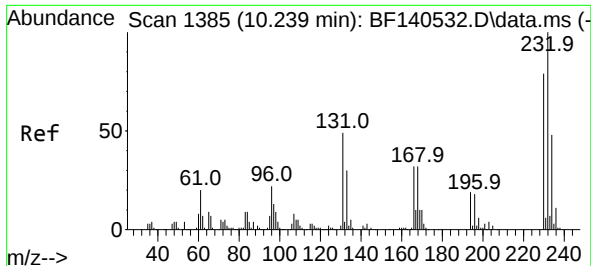
Tgt Ion:165 Resp: 171392
Ion Ratio Lower Upper
165 100
63 62.4 41.7 62.5
89 84.6 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 38.794 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:166 Resp: 585233
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.3 10.6 16.0

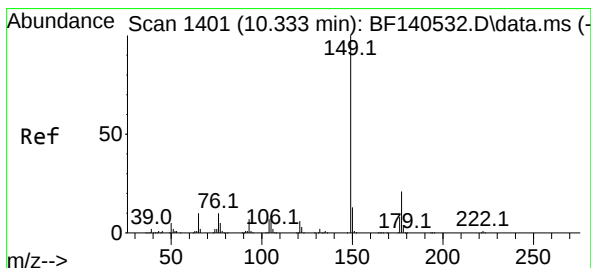
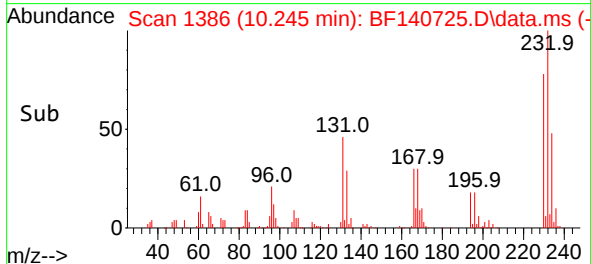
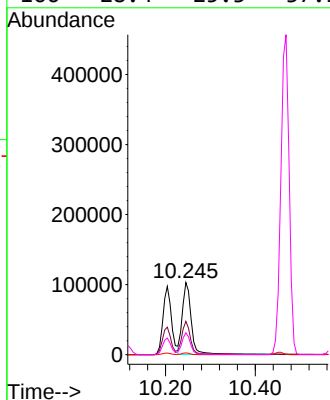
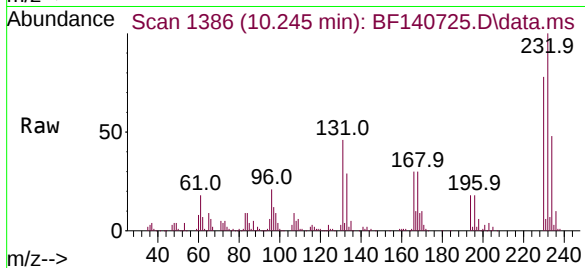




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.049 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

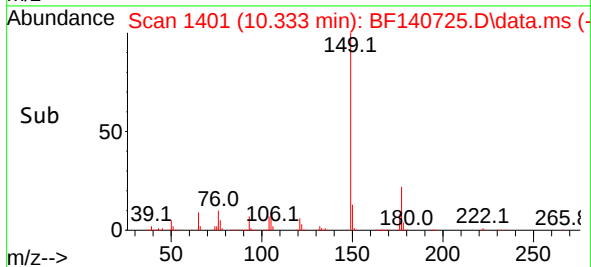
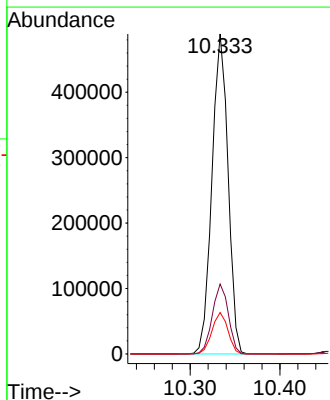
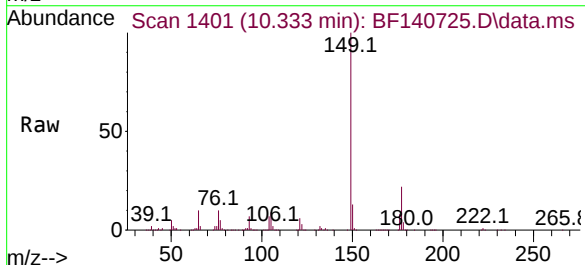
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

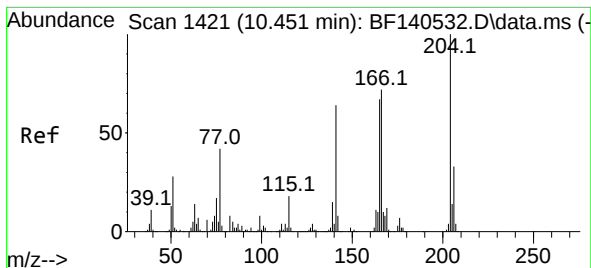
Tgt Ion:232 Resp: 142689
Ion Ratio Lower Upper
232 100
131 45.0 39.6 59.4
130 2.3 1.9 2.9
166 28.4 25.3 37.9



#60
Diethylphthalate
Concen: 40.084 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:149 Resp: 608517
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 13.0 10.1 15.1

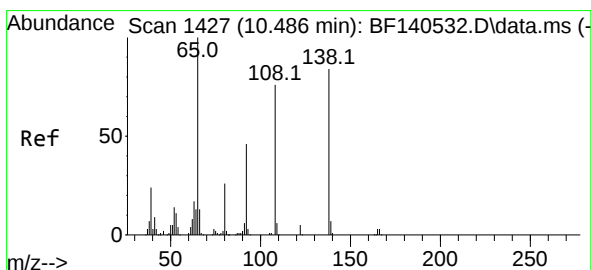
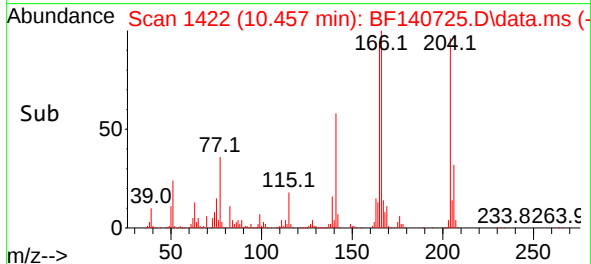
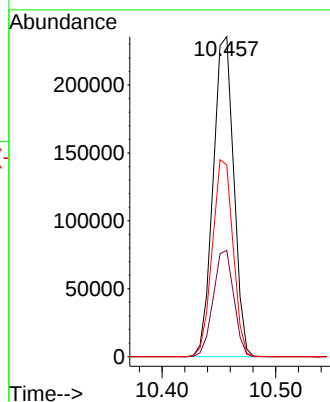
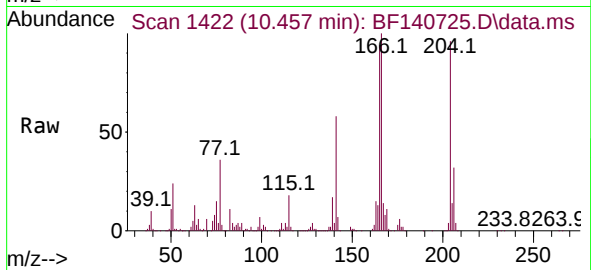




#61
4-Chlorophenyl-phenylether
Concen: 40.211 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

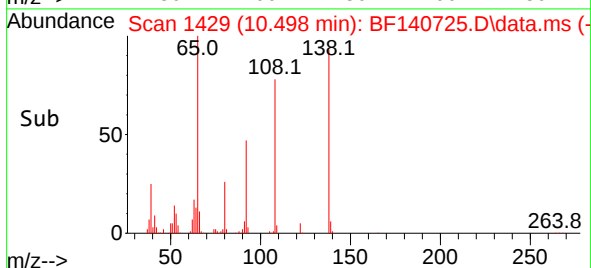
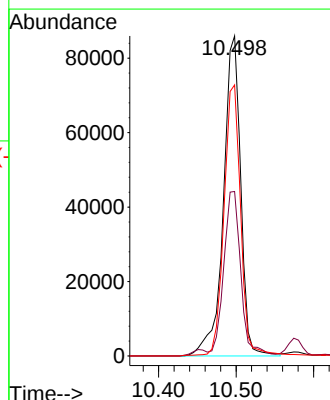
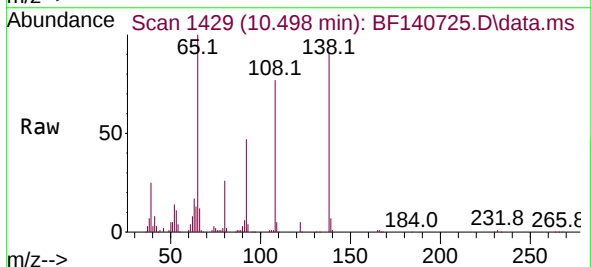
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

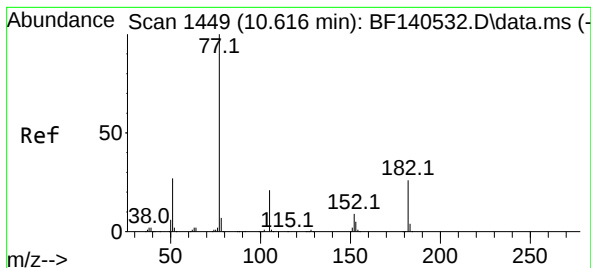
Tgt Ion:204 Resp: 297699
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 59.9 51.1 76.7



#62
4-Nitroaniline
Concen: 38.339 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:138 Resp: 133269
Ion Ratio Lower Upper
138 100
92 51.4 34.5 74.5
108 84.7 70.6 110.6





#63

Azobenzene

Concen: 39.122 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 562432

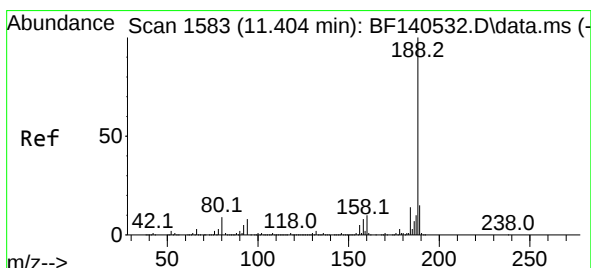
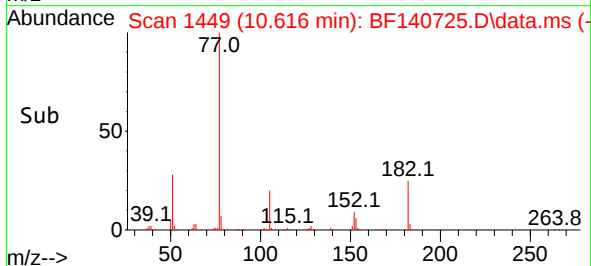
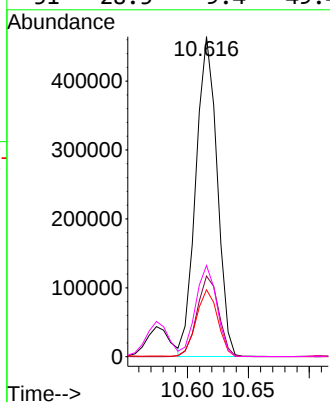
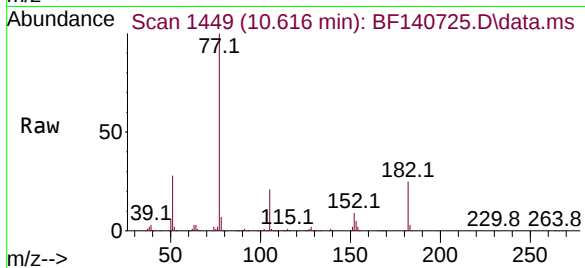
Ion Ratio Lower Upper

77 100

182 25.2 5.3 45.3

105 20.9 0.3 40.3

51 28.5 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

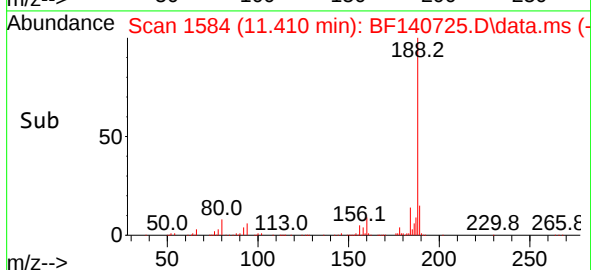
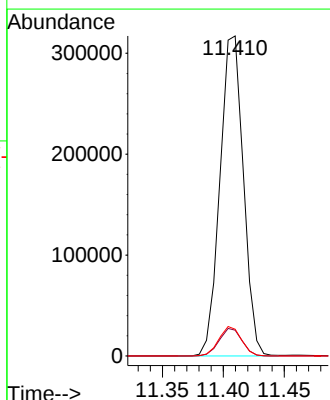
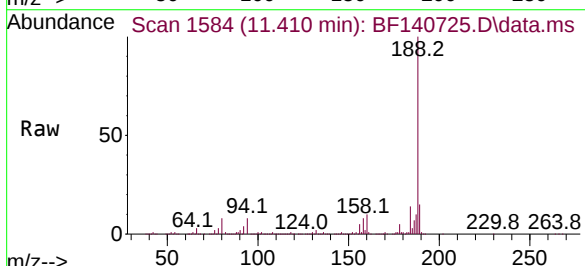
Tgt Ion: 188 Resp: 425052

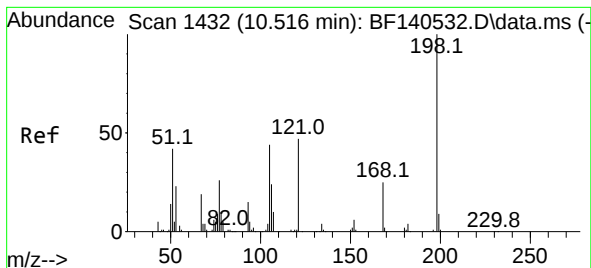
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.4 6.9 10.3

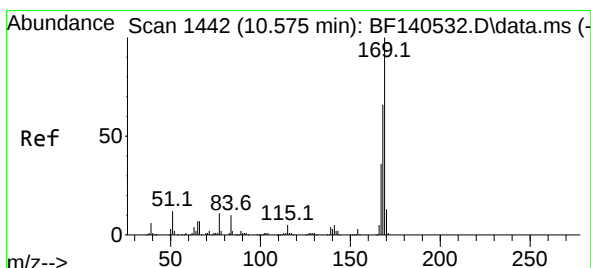
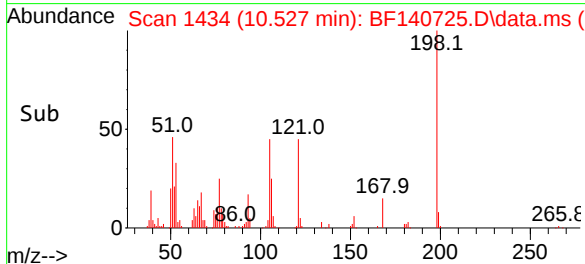
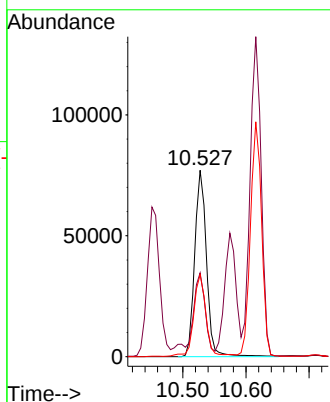
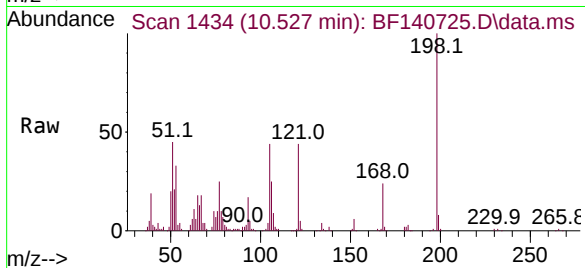




#65
4,6-Dinitro-2-methylphenol
Concen: 46.175 ng
RT: 10.527 min Scan# 1434
Delta R.T. 0.011 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

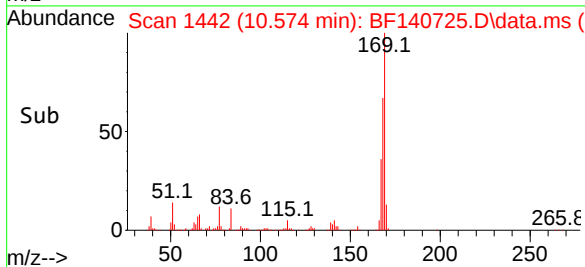
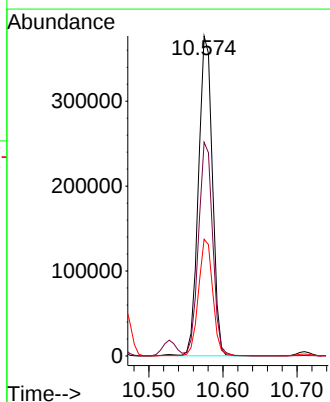
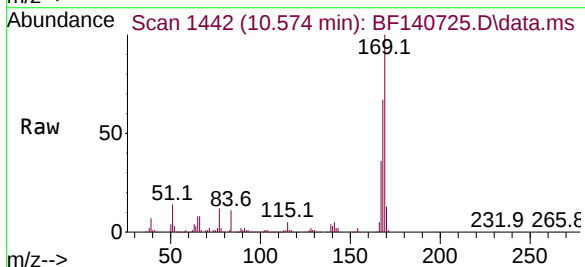
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

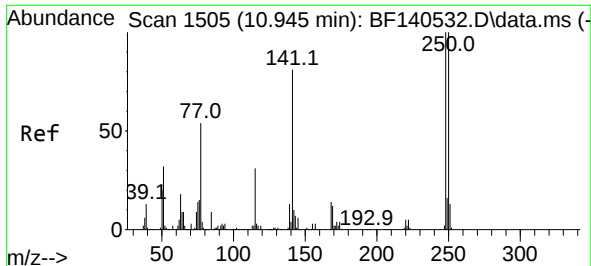
Tgt Ion:198 Resp: 100293
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 44.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 38.938 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:169 Resp: 489449
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.5 29.0 43.6

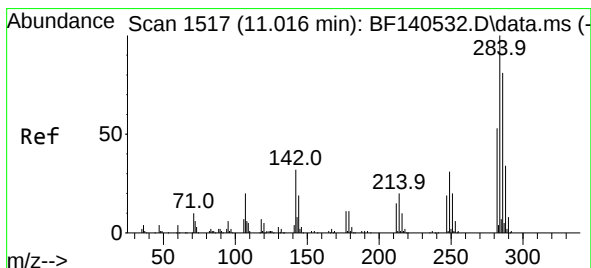
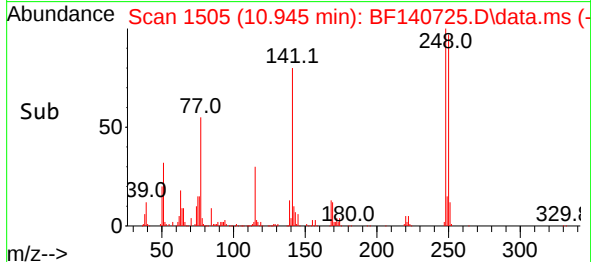
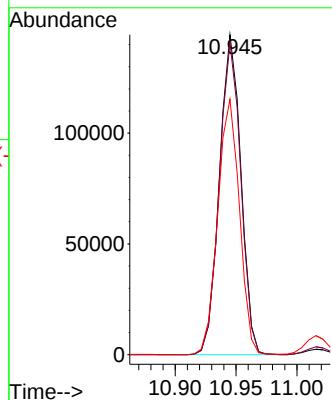
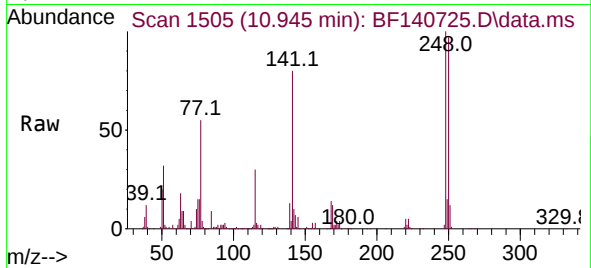




#67
4-Bromophenyl-phenylether
Concen: 40.577 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

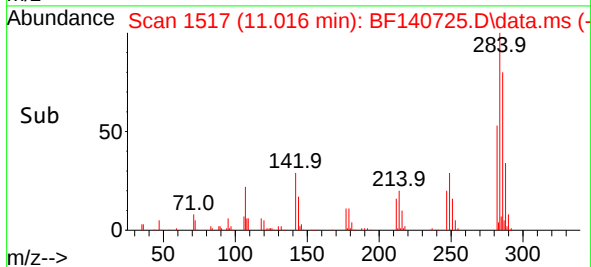
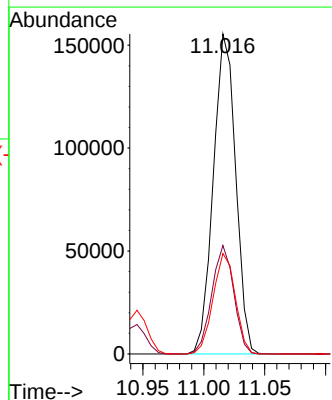
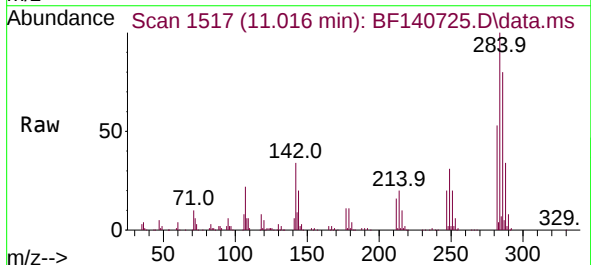
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

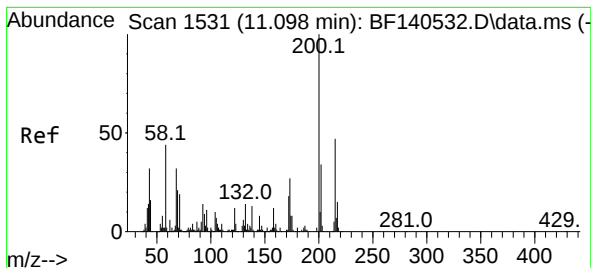
Tgt Ion:248 Resp: 177622
Ion Ratio Lower Upper
248 100
250 97.4 79.8 119.8
141 79.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 39.224 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:284 Resp: 198810
Ion Ratio Lower Upper
284 100
142 33.9 25.3 37.9
249 31.4 24.8 37.2





#69

Atrazine

Concen: 31.872 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

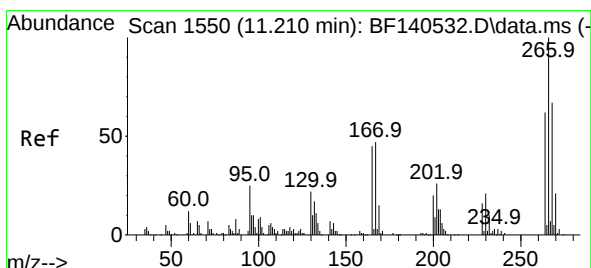
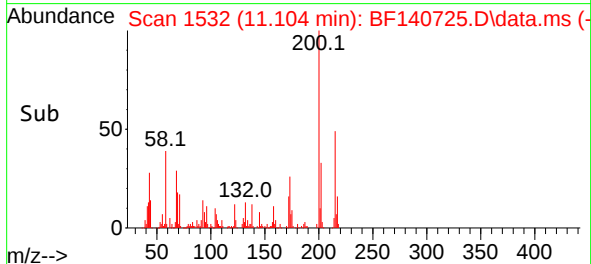
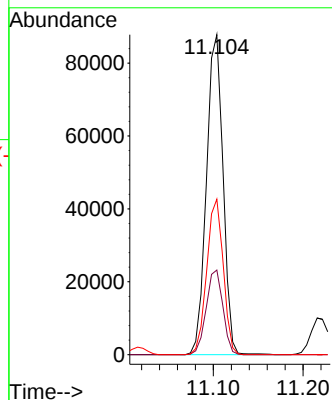
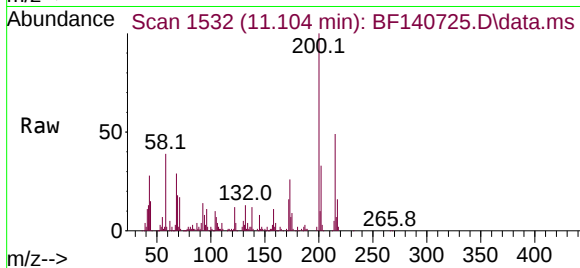
Tgt Ion:200 Resp: 112703

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 48.6 26.7 66.7



#70

Pentachlorophenol

Concen: 37.796 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.011 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

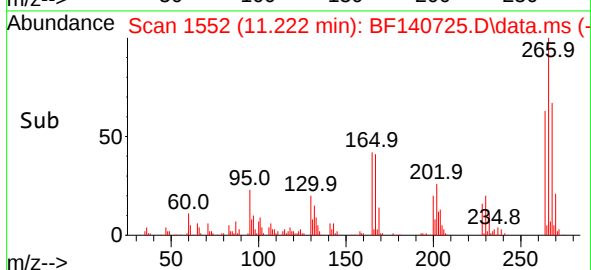
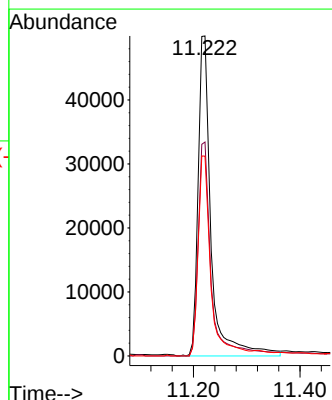
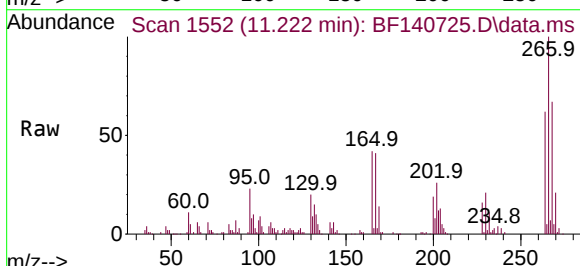
Tgt Ion:266 Resp: 84315

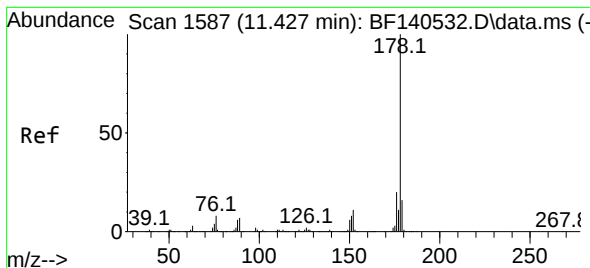
Ion Ratio Lower Upper

266 100

268 66.9 53.7 80.5

264 62.4 49.8 74.8





#71

Phenanthrene

Concen: 38.070 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

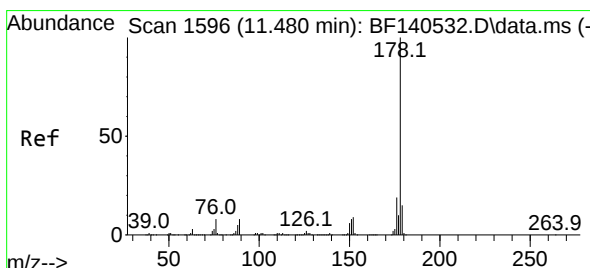
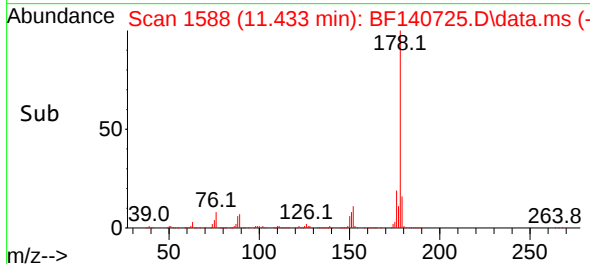
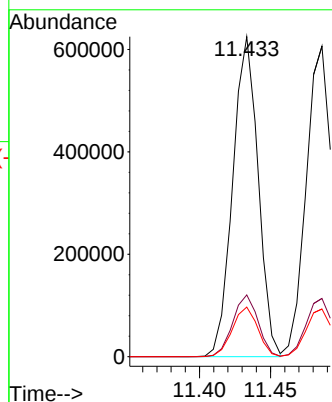
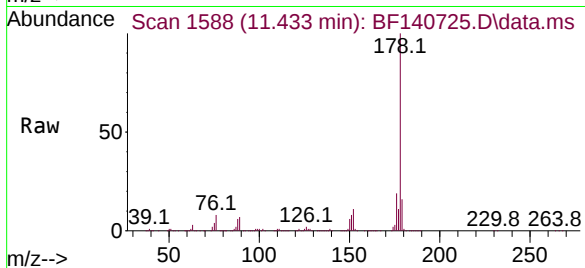
Tgt Ion:178 Resp: 777846

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 38.652 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

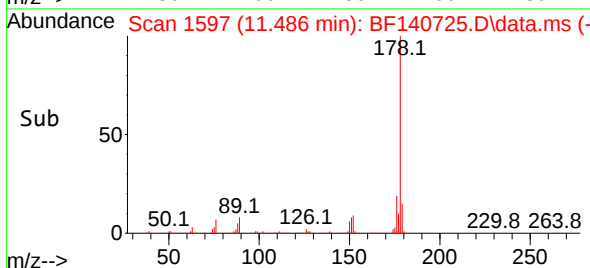
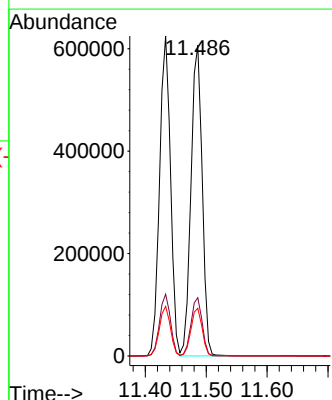
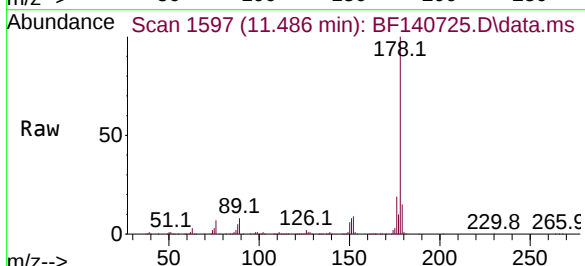
Tgt Ion:178 Resp: 772513

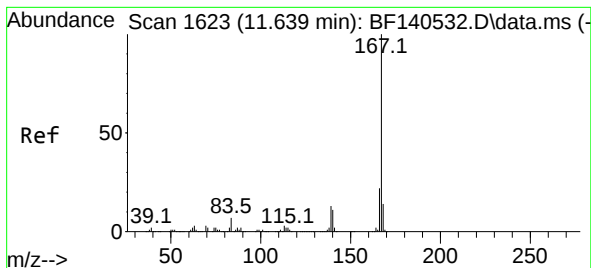
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.3 12.2 18.4





#73

Carbazole

Concen: 38.144 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

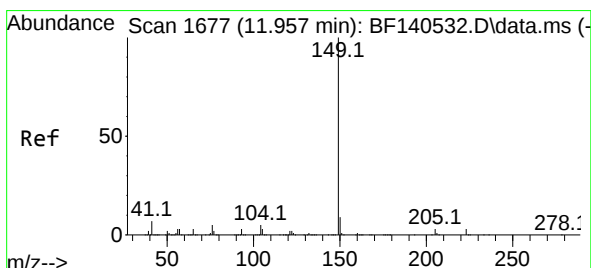
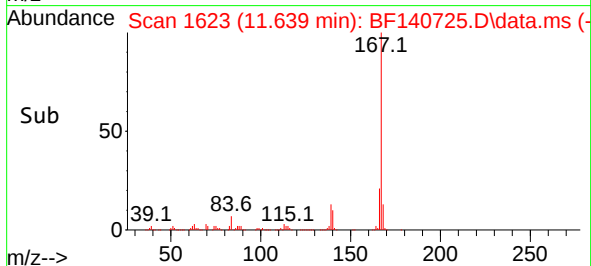
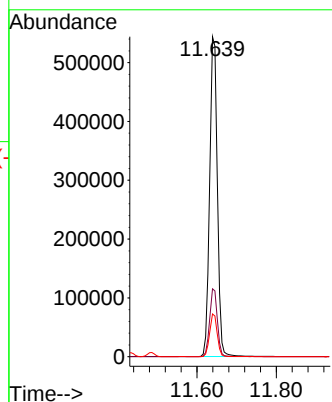
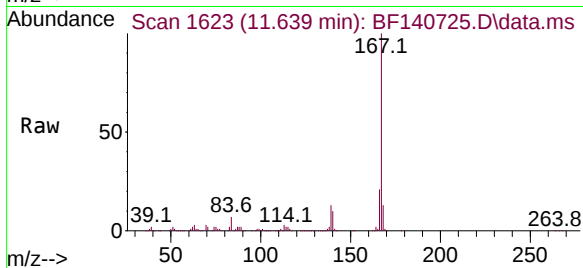
Tgt Ion:167 Resp: 733389

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 41.961 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

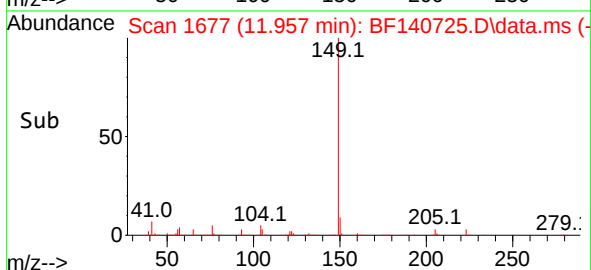
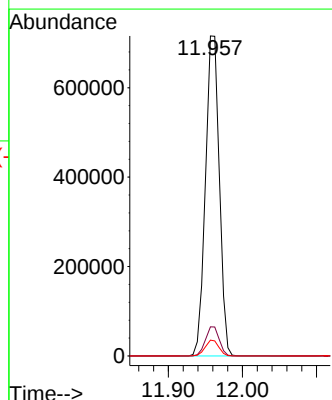
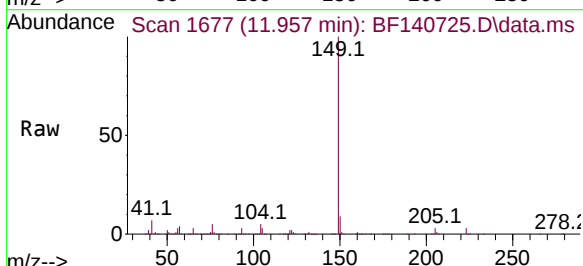
Tgt Ion:149 Resp: 931414

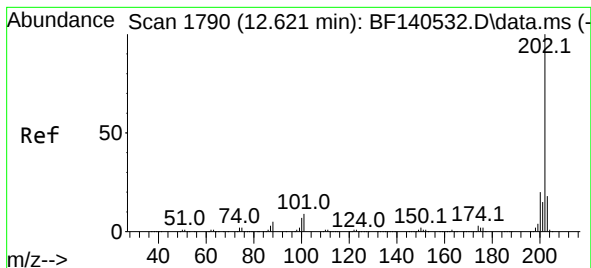
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 39.174 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

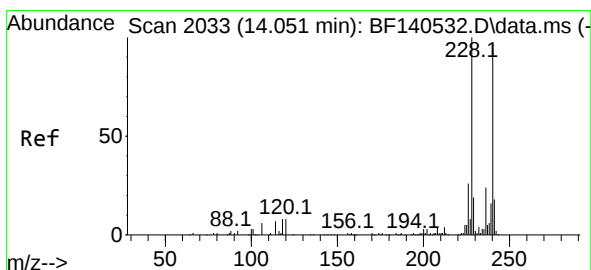
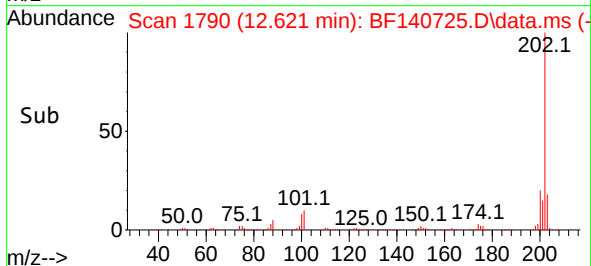
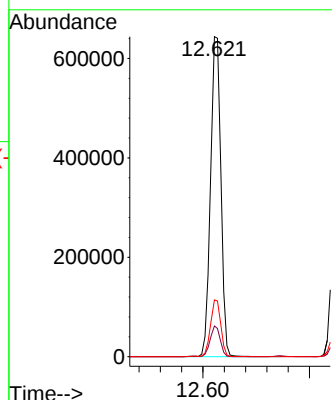
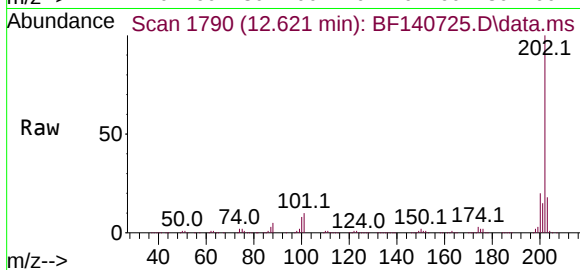
Tgt Ion:202 Resp: 869033

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

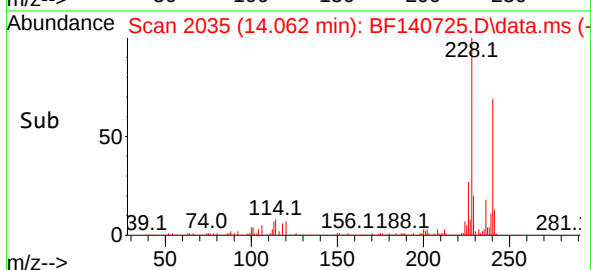
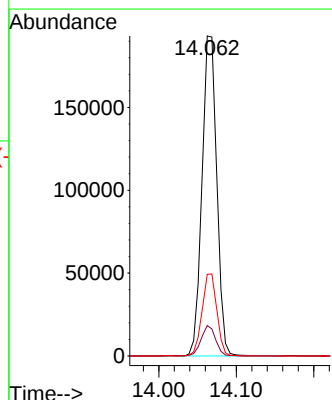
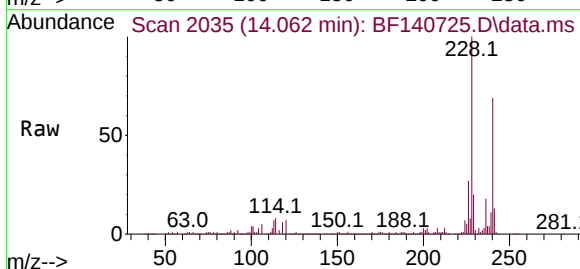
Tgt Ion:240 Resp: 256058

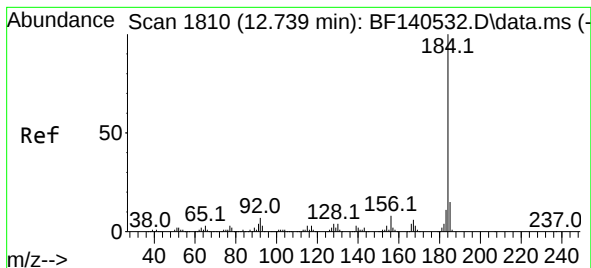
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.5 20.6 31.0





#77

Benzidine

Concen: 41.270 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

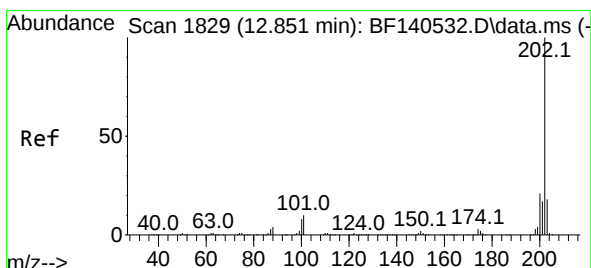
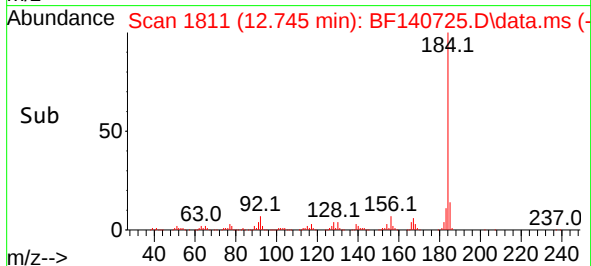
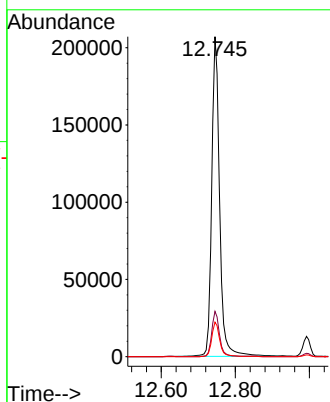
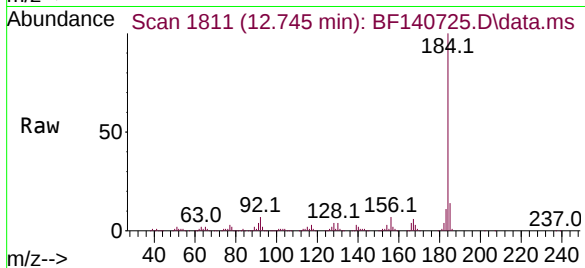
Tgt Ion:184 Resp: 307244

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.8 8.8 13.2



#78

Pyrene

Concen: 36.970 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

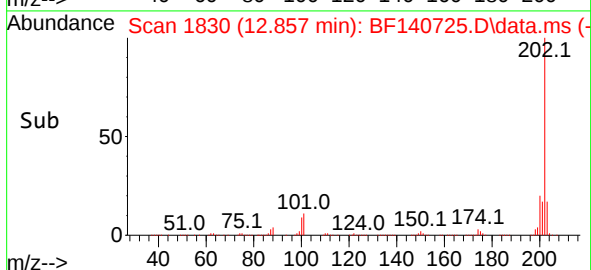
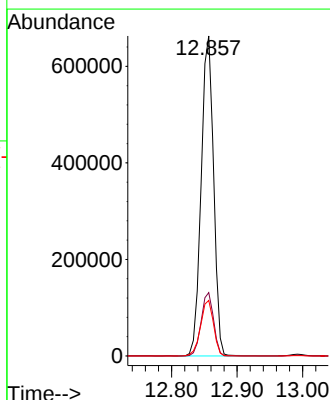
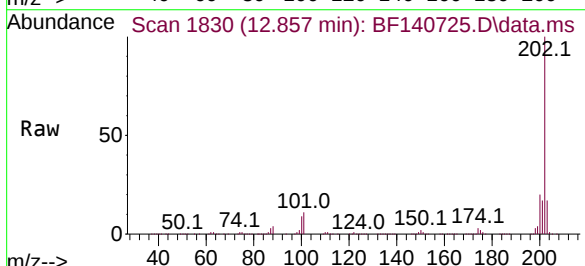
Tgt Ion:202 Resp: 875305

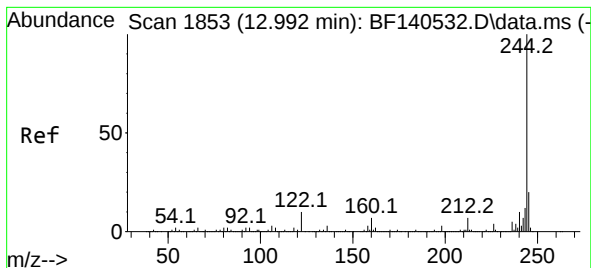
Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 76.122 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

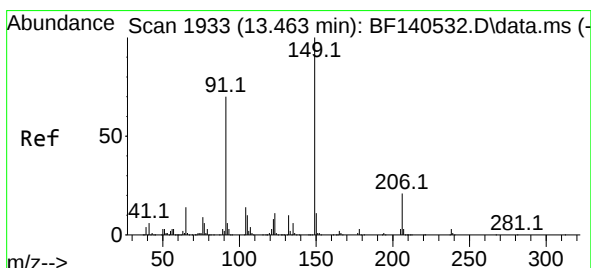
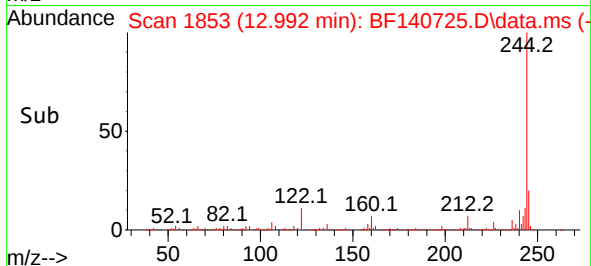
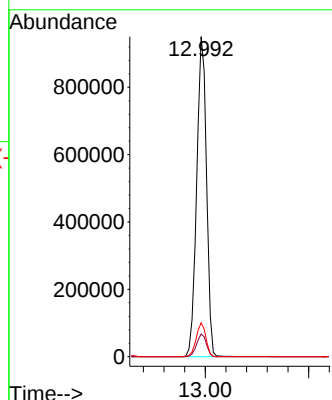
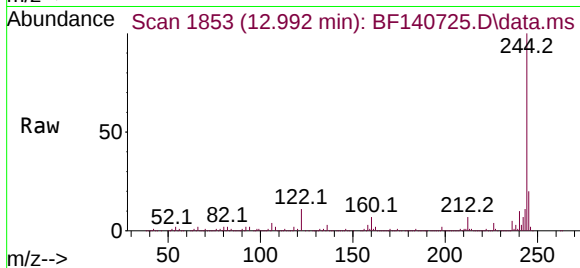
Tgt Ion:244 Resp: 1251763

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.432 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

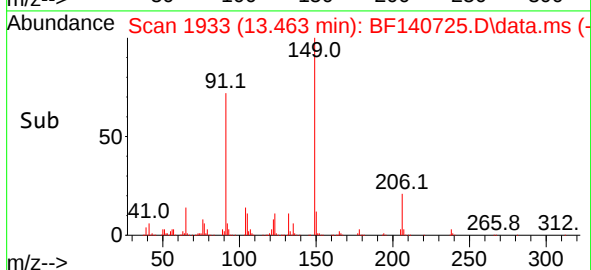
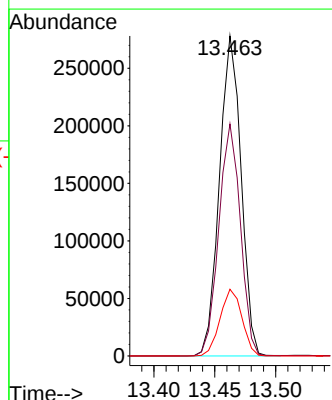
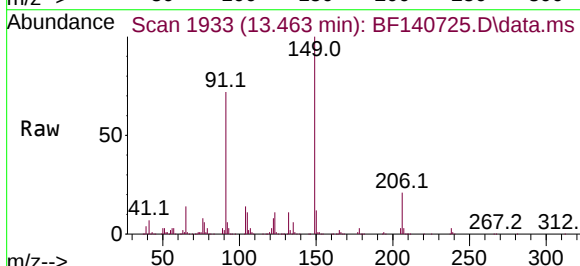
Tgt Ion:149 Resp: 344843

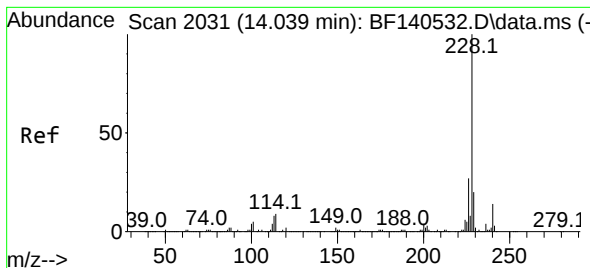
Ion Ratio Lower Upper

149 100

91 72.5 56.2 84.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.416 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

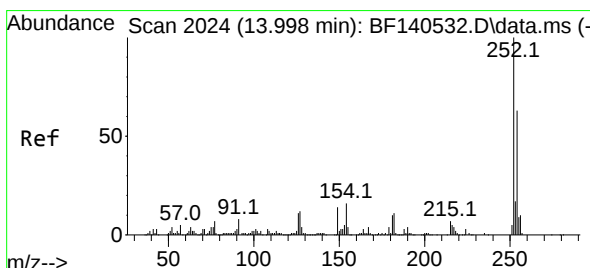
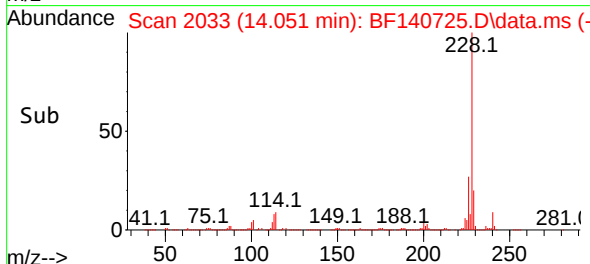
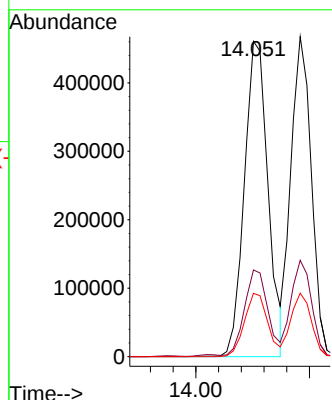
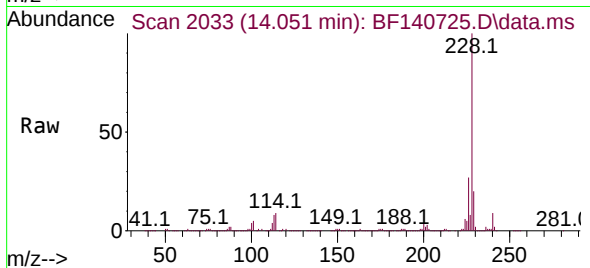
Tgt Ion:228 Resp: 668102

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.531 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

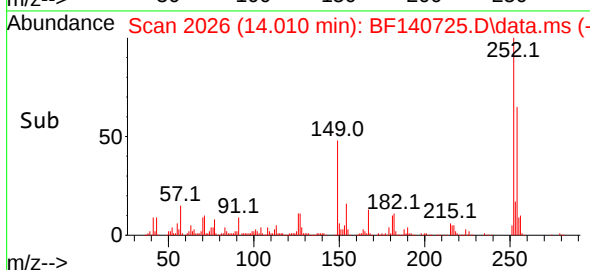
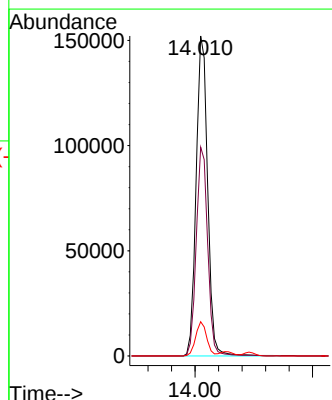
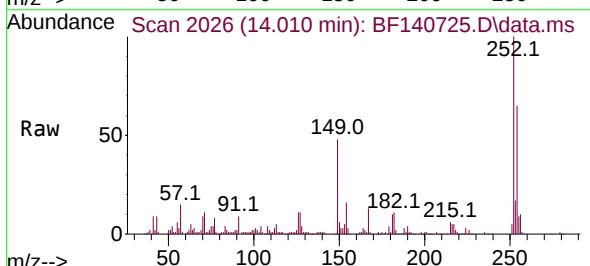
Tgt Ion:252 Resp: 206266

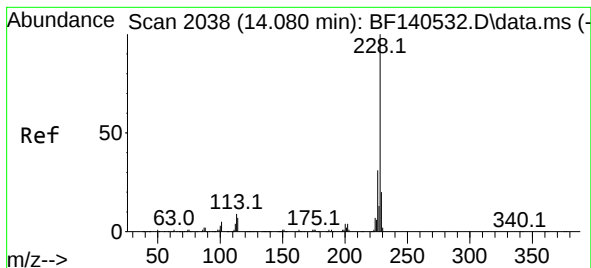
Ion Ratio Lower Upper

252 100

254 65.3 50.8 76.2

126 10.7 8.6 13.0





#83

Chrysene

Concen: 37.986 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

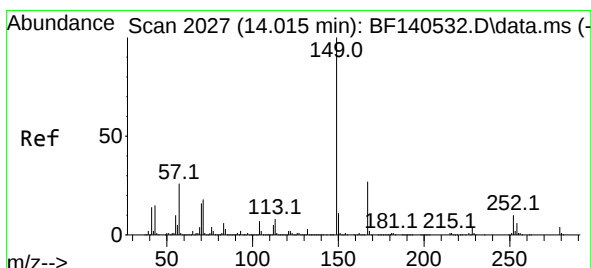
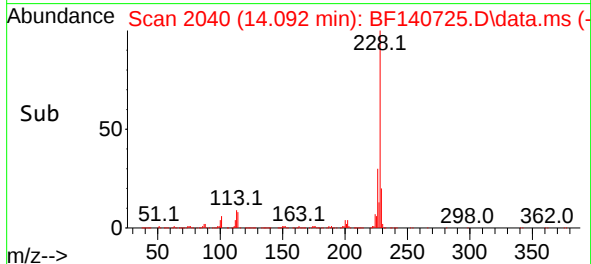
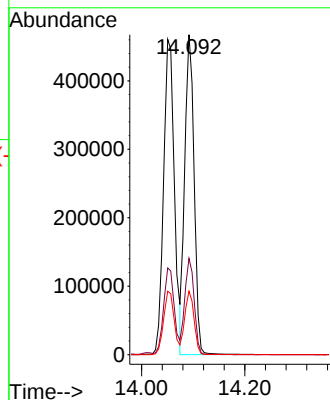
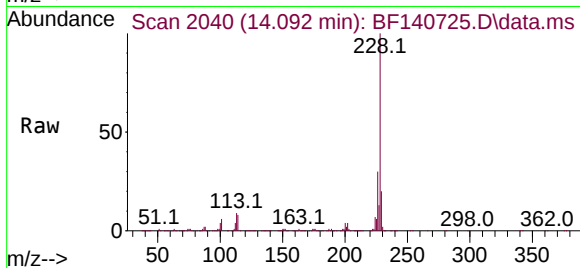
Tgt Ion:228 Resp: 588738

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.413 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

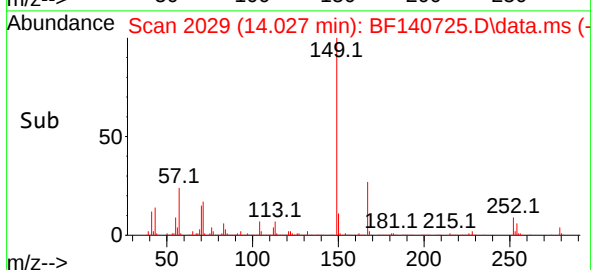
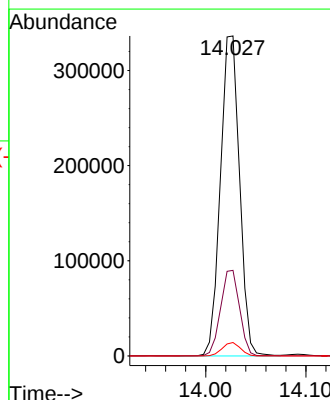
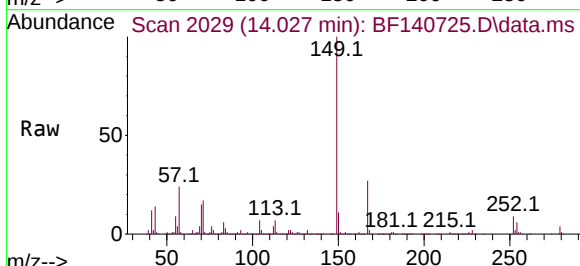
Tgt Ion:149 Resp: 445997

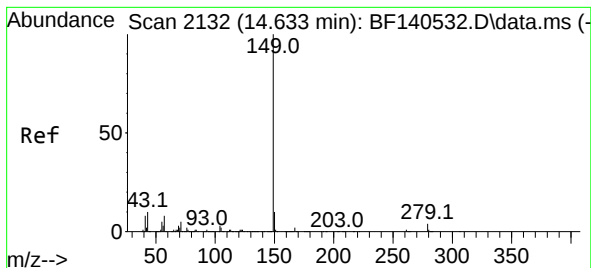
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.146 ng

RT: 14.662 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

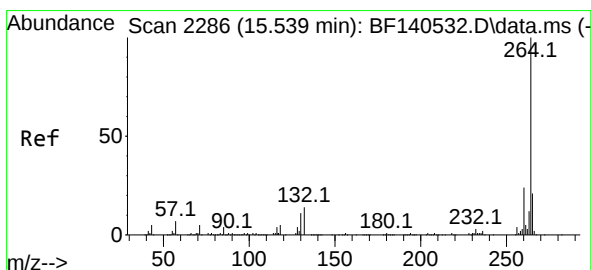
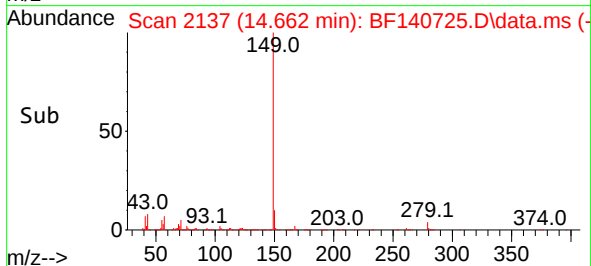
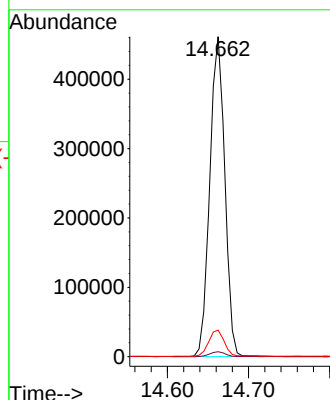
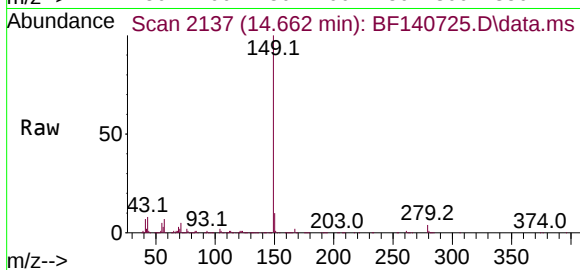
Tgt Ion:149 Resp: 590863

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.041 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

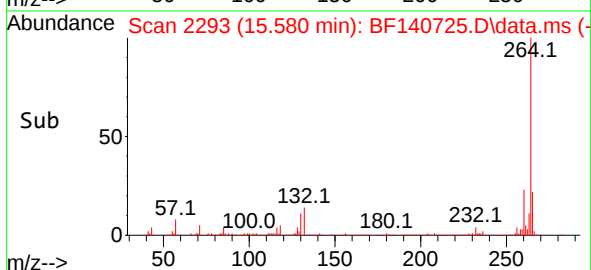
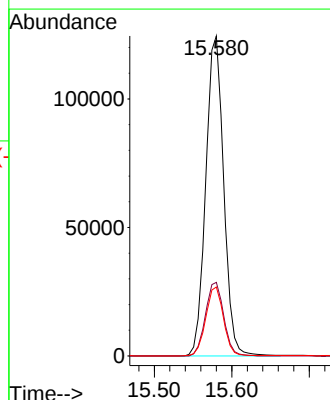
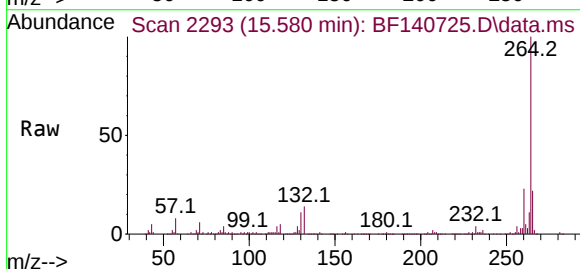
Tgt Ion:264 Resp: 199884

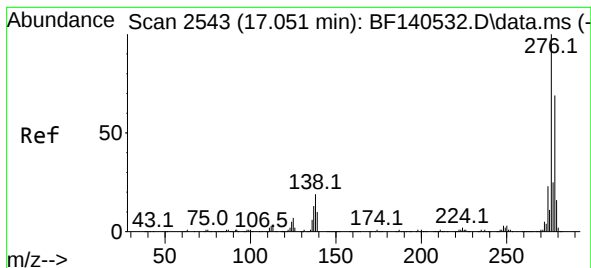
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.821 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

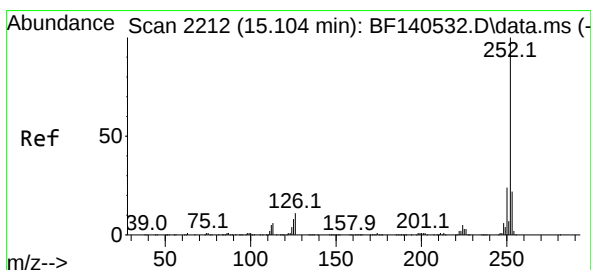
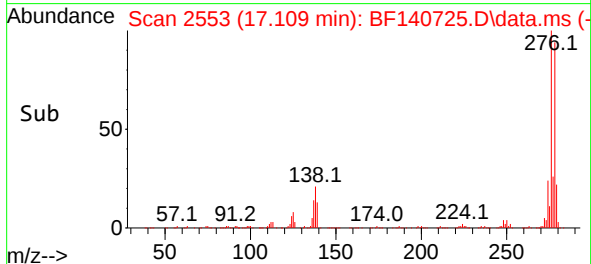
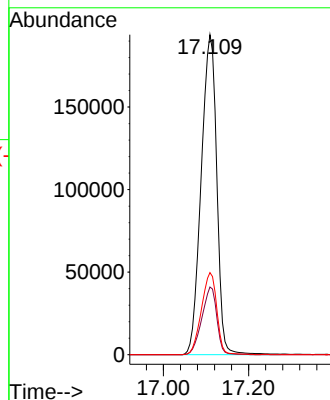
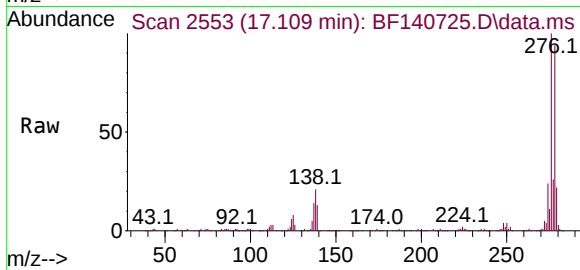
Tgt Ion:276 Resp: 492661

Ion Ratio Lower Upper

276 100

138 20.2 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.315 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.035 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

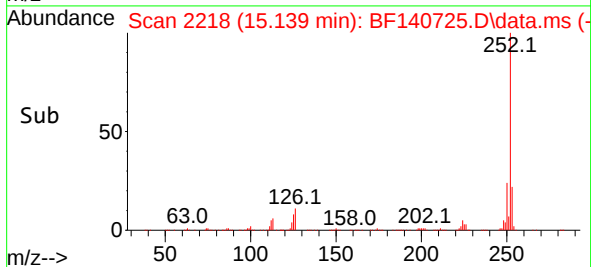
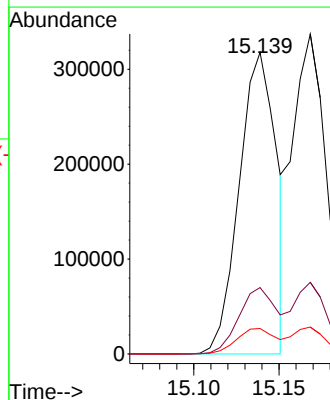
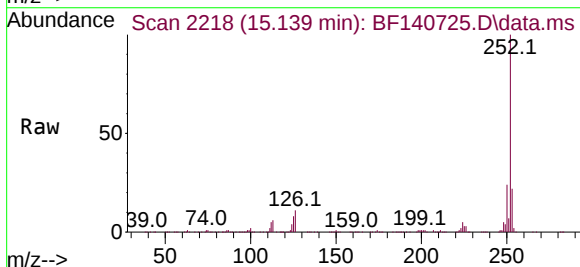
Tgt Ion:252 Resp: 481047

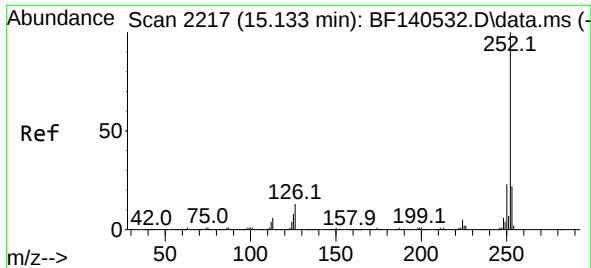
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.5 6.7 10.1

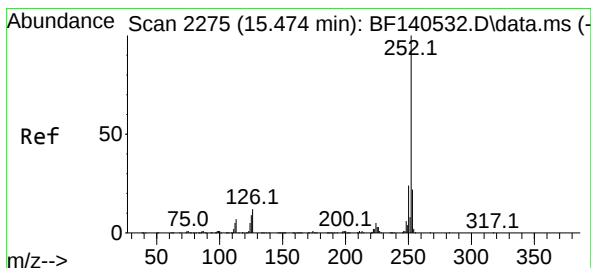
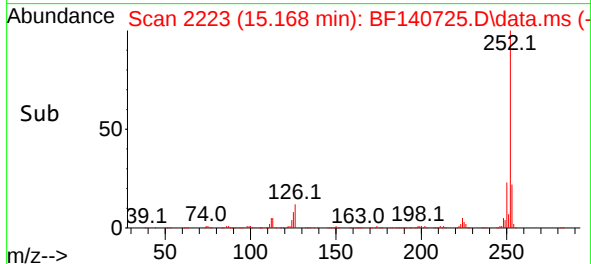
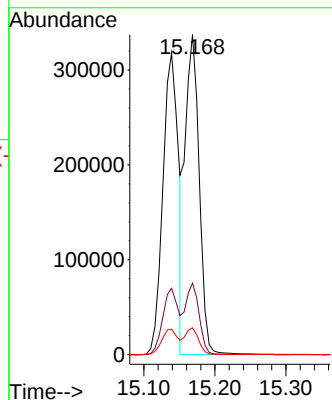
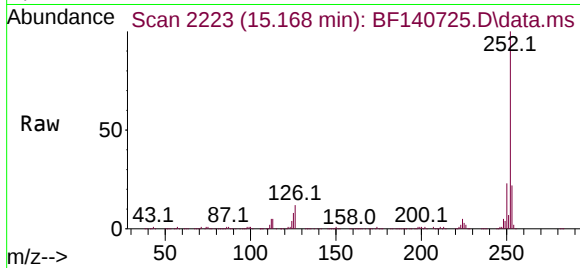




#89
Benzo(k)fluoranthene
Concen: 42.153 ng
RT: 15.168 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

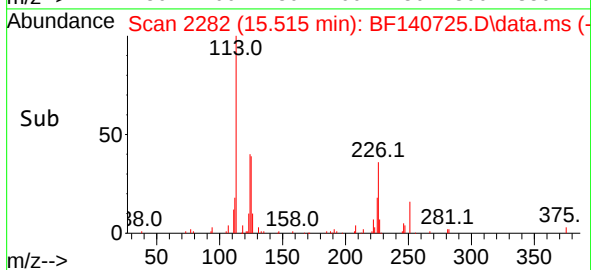
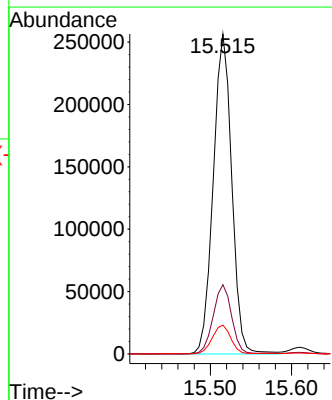
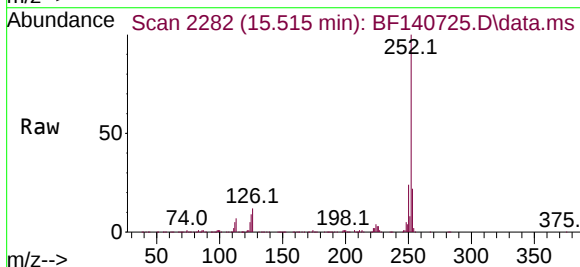
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

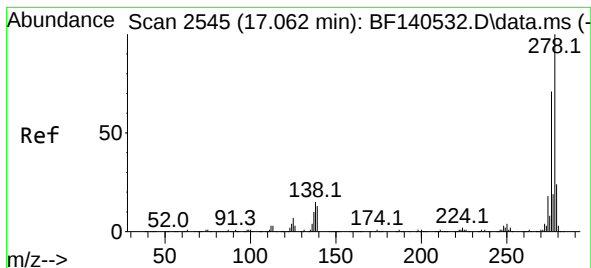
Tgt Ion:252 Resp: 463118
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.4 6.5 9.7



#90
Benzo(a)pyrene
Concen: 39.775 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.041 min
Lab File: BF140725.D
Acq: 04 Dec 2024 13:33

Tgt Ion:252 Resp: 406036
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 38.373 ng

RT: 17.115 min Scan# 2

Delta R.T. 0.053 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

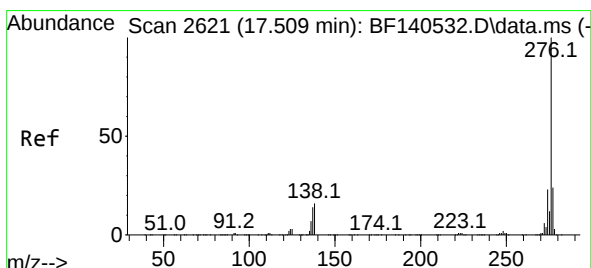
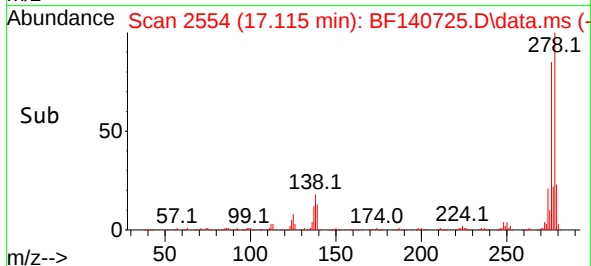
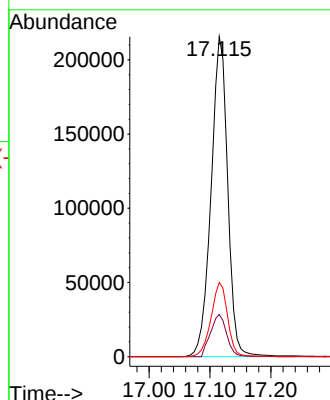
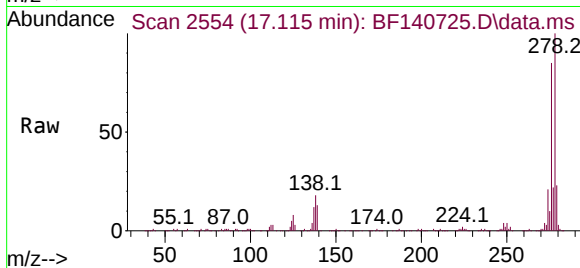
Tgt Ion:278 Resp: 409361

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.4

279 23.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 37.886 ng

RT: 17.568 min Scan# 2631

Delta R.T. 0.059 min

Lab File: BF140725.D

Acq: 04 Dec 2024 13:33

Tgt Ion:276 Resp: 412425

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 17.4 13.2 19.8

