

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 21 15:12:33 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 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107516	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	413408	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	234407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	437466	20.000	ng	0.00
76) Chrysene-d12	14.051	240	239343	20.000	ng	0.00
86) Perylene-d12	15.539	264	211422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504816	80.111	ng	0.00
7) Phenol-d6	6.516	99	688812	82.684	ng	0.00
23) Nitrobenzene-d5	7.439	82	648845	80.281	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202517	80.781	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1210929	76.969	ng	0.00
79) Terphenyl-d14	12.992	244	1228064	79.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	105183	39.700	ng	100
3) Pyridine	3.422	79	256255	43.959	ng	100
4) n-Nitrosodimethylamine	3.381	42	139435	40.698	ng	100
6) Aniline	6.540	93	268994	45.875	ng	100
8) 2-Chlorophenol	6.663	128	275937	40.702	ng	100
9) Benzaldehyde	6.428	77	158653	35.975	ng	100
10) Phenol	6.528	94	358490	42.137	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	267847	41.142	ng	100
12) 1,3-Dichlorobenzene	6.816	146	300744	39.480	ng	100
13) 1,4-Dichlorobenzene	6.892	146	307112	39.817	ng	100
14) 1,2-Dichlorobenzene	7.045	146	291347	40.311	ng	100
15) Benzyl Alcohol	7.016	79	263144	42.594	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314582	40.901	ng	100
17) 2-Methylphenol	7.134	107	223977	41.272	ng	100
18) Hexachloroethane	7.387	117	115481	40.087	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	203356	41.304	ng	100
20) 3+4-Methylphenols	7.287	107	289597	41.517	ng	100
22) Acetophenone	7.287	105	397747	39.464	ng	100
24) Nitrobenzene	7.457	77	331927	39.736	ng	100
25) Isophorone	7.698	82	546985	40.576	ng	100
26) 2-Nitrophenol	7.775	139	149133	40.287	ng	100
27) 2,4-Dimethylphenol	7.810	122	185514	41.885	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	328053	39.946	ng	100
29) 2,4-Dichlorophenol	8.016	162	233140	39.725	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	261862	39.078	ng	100
31) Naphthalene	8.181	128	837233	39.318	ng	100
32) Benzoic acid	7.939	122	146245	39.450	ng	100
33) 4-Chloroaniline	8.228	127	268662	42.139	ng	100
34) Hexachlorobutadiene	8.292	225	175198	39.473	ng	100
35) Caprolactam	8.604	113	74771	41.168	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	270395	41.150	ng	100
37) 2-Methylnaphthalene	8.869	142	537039	39.707	ng	100
38) 1-Methylnaphthalene	8.969	142	527387	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	263939	38.462	ng	100
41) Hexachlorocyclopentadiene	9.016	237	53531	38.833	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171374	39.799	ng	100

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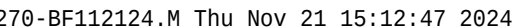
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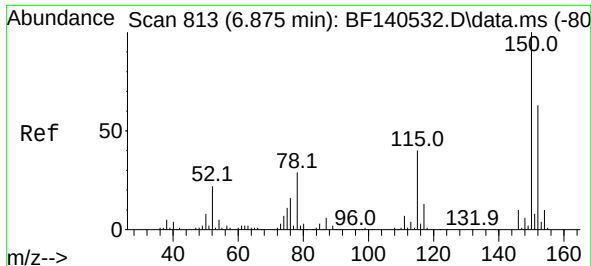
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189287	40.504	ng	100
46) 1,1'-Biphenyl	9.333	154	678172	38.750	ng	100
47) 2-Chloronaphthalene	9.357	162	518320	39.086	ng	100
48) 2-Nitroaniline	9.457	65	172005	40.410	ng	100
49) Acenaphthylene	9.775	152	779390	38.899	ng	100
50) Dimethylphthalate	9.633	163	608948	39.445	ng	100
51) 2,6-Dinitrotoluene	9.698	165	140922	40.249	ng	100
52) Acenaphthene	9.945	154	540316	41.646	ng	100
53) 3-Nitroaniline	9.869	138	140859	41.134	ng	100
54) 2,4-Dinitrophenol	9.980	184	65546	40.435	ng	100
55) Dibenzofuran	10.122	168	760308	39.153	ng	100
56) 4-Nitrophenol	10.039	139	97133	41.591	ng	100
57) 2,4-Dinitrotoluene	10.104	165	189213	40.662	ng	100
58) Fluorene	10.463	166	607198	38.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146383	40.757	ng	100
60) Diethylphthalate	10.333	149	614490	39.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	299662	39.175	ng	100
62) 4-Nitroaniline	10.486	138	146354	40.750	ng	100
63) Azobenzene	10.616	77	579042	38.983	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	96120	42.998	ng	100
66) n-Nitrosodiphenylamine	10.575	169	505450	39.070	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	174746	38.787	ng	100
68) Hexachlorobenzene	11.016	284	204123	39.129	ng	100
69) Atrazine	11.098	200	122413	33.635	ng	100
70) Pentachlorophenol	11.210	266	101542	44.226	ng	100
71) Phenanthrene	11.427	178	826269	39.293	ng	100
72) Anthracene	11.480	178	808988	39.329	ng	100
73) Carbazole	11.639	167	778112	39.322	ng	100
74) Di-n-butylphthalate	11.957	149	895236	39.186	ng	100
75) Fluoranthene	12.621	202	886900	38.845	ng	100
77) Benzidine	12.739	184	275047	39.525	ng	100
78) Pyrene	12.851	202	887193	40.090	ng	100
80) Butylbenzylphthalate	13.463	149	324879	40.751	ng	100
81) Benzo(a)anthracene	14.039	228	615808	38.868	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	197667	41.554	ng	100
83) Chrysene	14.080	228	575079	39.696	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	398677	39.604	ng	100
85) Di-n-octyl phthalate	14.633	149	541933	39.393	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	551596	40.034	ng	100
88) Benzo(b)fluoranthene	15.104	252	501607	37.772	ng	100
89) Benzo(k)fluoranthene	15.133	252	465620	40.067	ng	100
90) Benzo(a)pyrene	15.474	252	425894	39.444	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	451597	40.022	ng	100
92) Benzo(g,h,i)perylene	17.509	276	458972	39.861	ng	100

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

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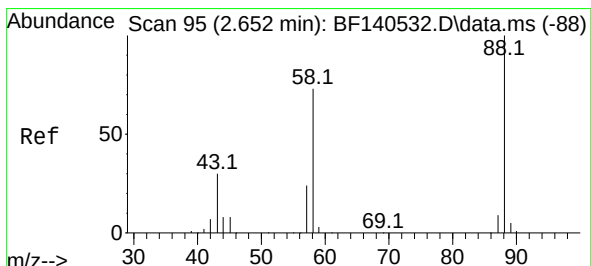
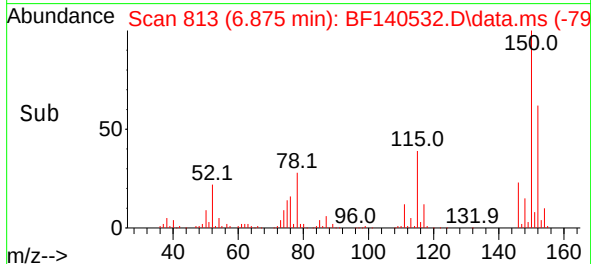
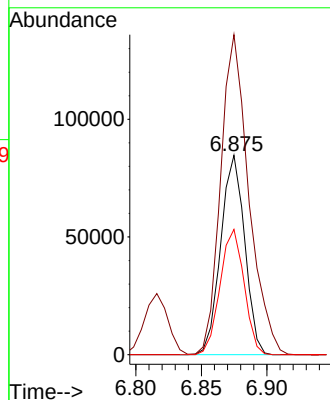
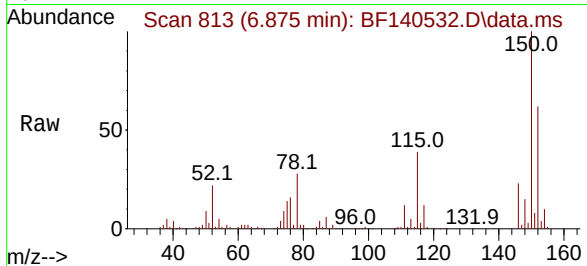




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140532.D
 Acq: 21 Nov 2024 12:58

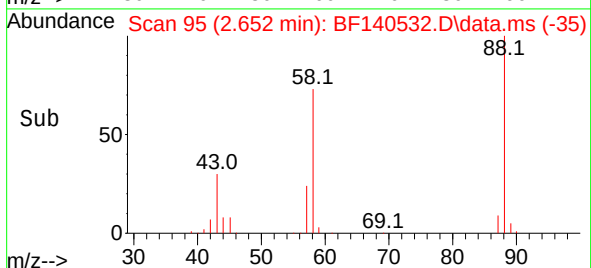
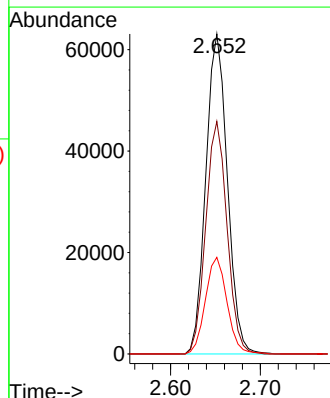
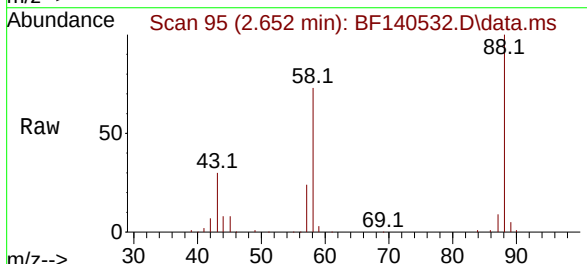
Instrument :
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 SSTDICCC040

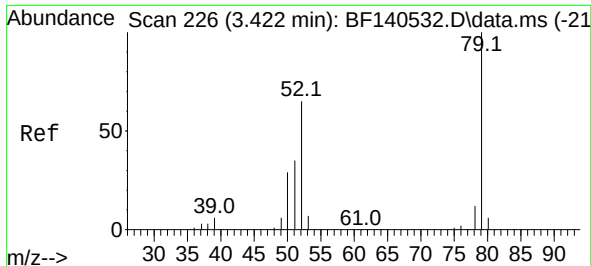
Tgt Ion:152 Resp: 107516
 Ion Ratio Lower Upper
 152 100
 150 160.6 128.5 192.7
 115 62.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 39.700 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: BF140532.D
 Acq: 21 Nov 2024 12:58

Tgt Ion: 88 Resp: 105183
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 30.4 24.3 36.5





#3

Pyridine

Concen: 43.959 ng

RT: 3.422 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

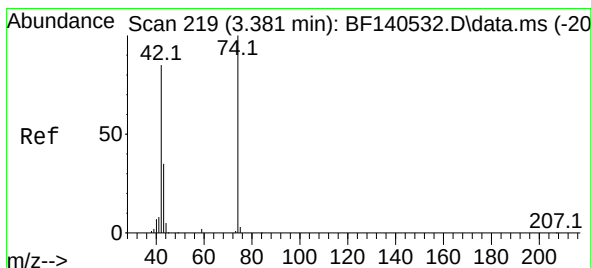
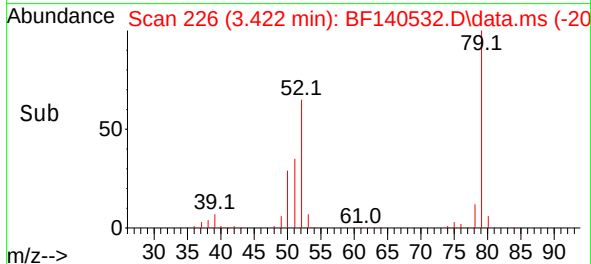
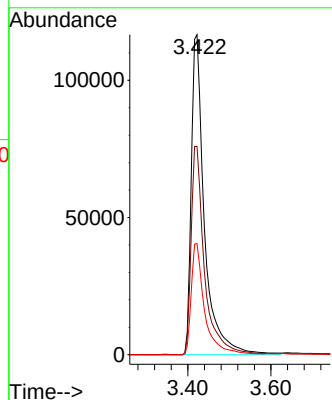
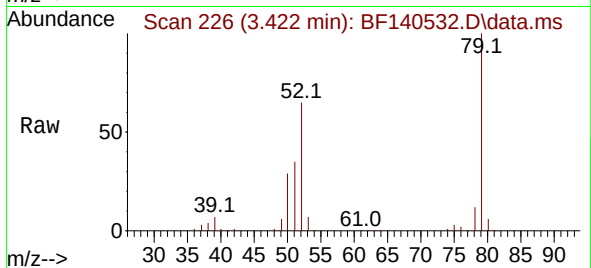
Tgt Ion: 79 Resp: 256255

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

51 34.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 40.698 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

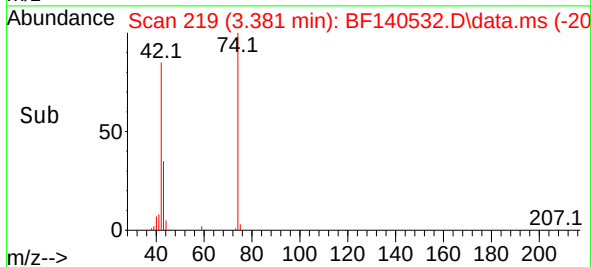
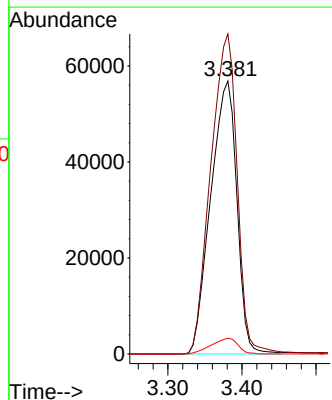
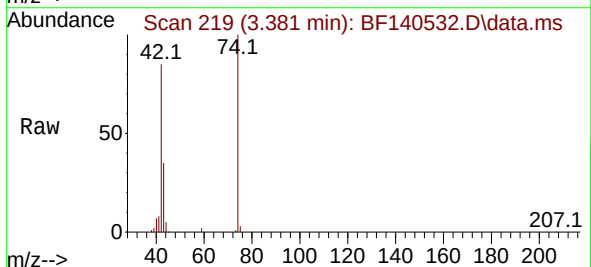
Tgt Ion: 42 Resp: 139435

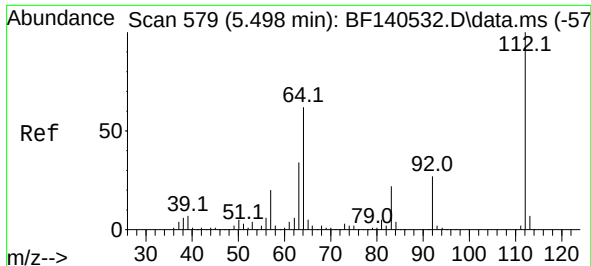
Ion Ratio Lower Upper

42 100

74 117.2 93.8 140.6

44 5.7 4.6 6.8

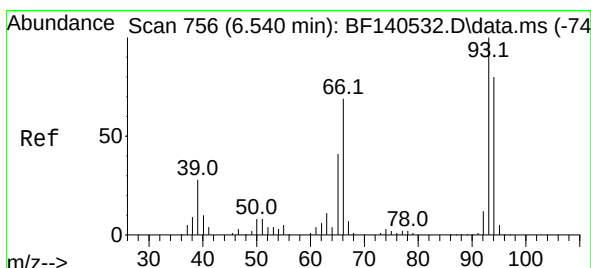
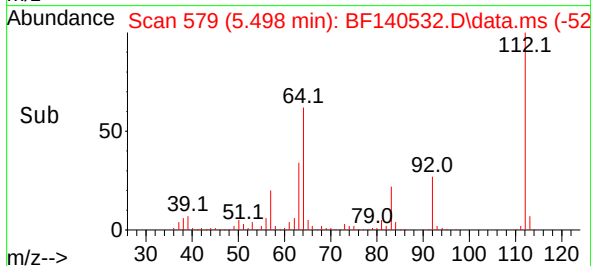
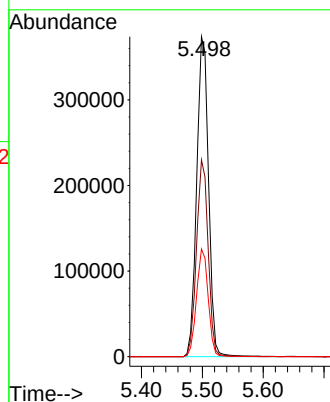
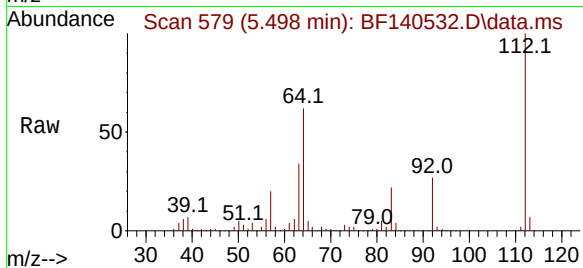




#5
2-Fluorophenol
Concen: 80.111 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

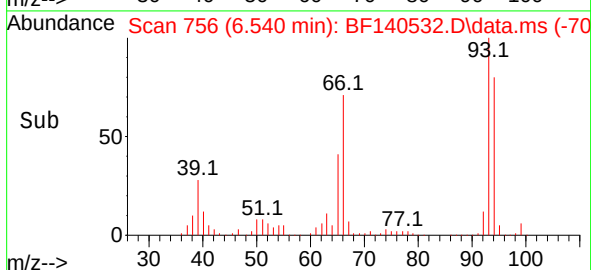
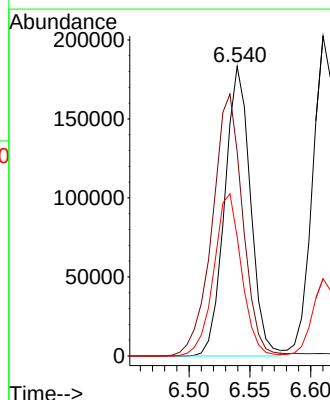
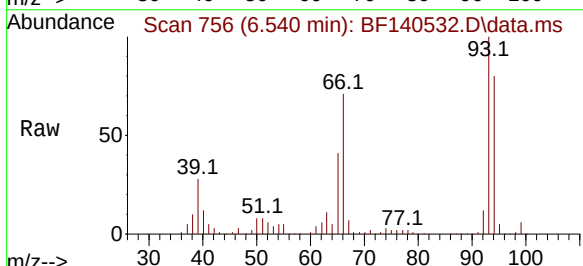
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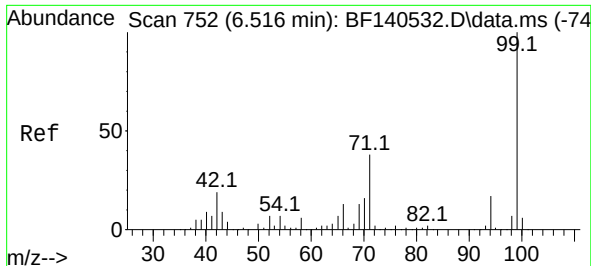
Tgt Ion:112 Resp: 504816
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.7 27.0 40.4



#6
Aniline
Concen: 45.875 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 93 Resp: 268994
Ion Ratio Lower Upper
93 100
66 70.6 56.5 84.7
65 41.1 32.9 49.3





#7

Phenol-d6

Concen: 82.684 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

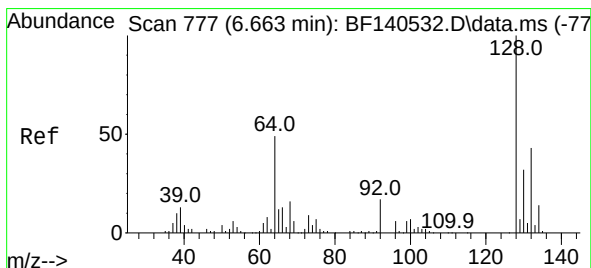
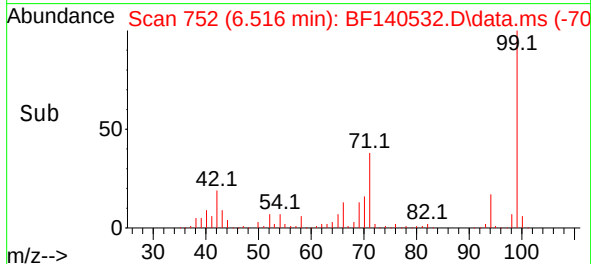
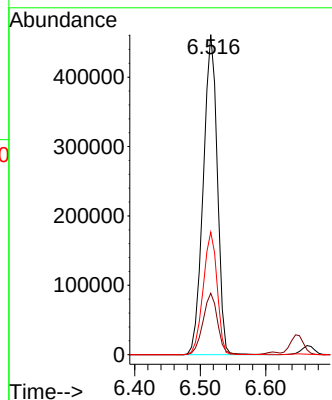
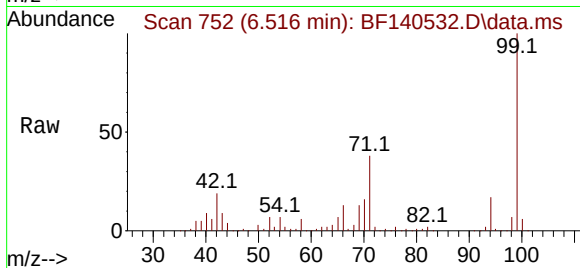
Tgt Ion: 99 Resp: 688812

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

71 38.3 30.6 46.0



#8

2-Chlorophenol

Concen: 40.702 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

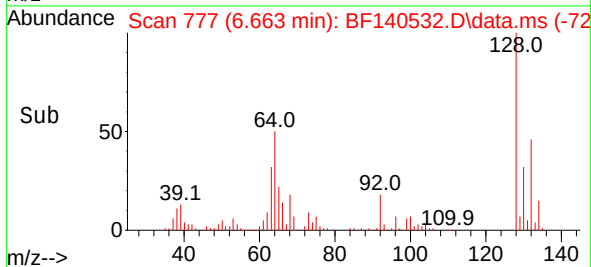
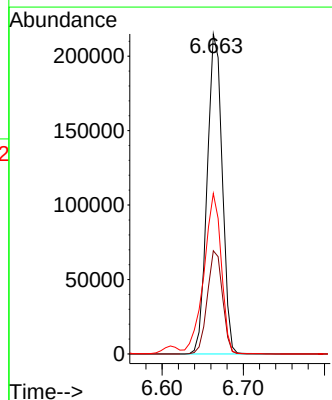
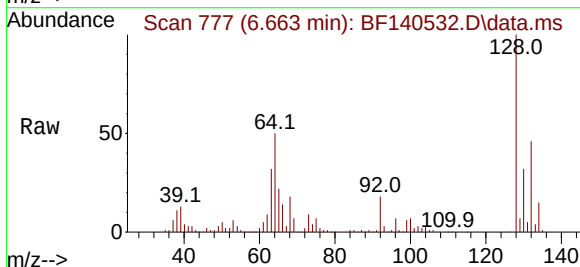
Tgt Ion:128 Resp: 275937

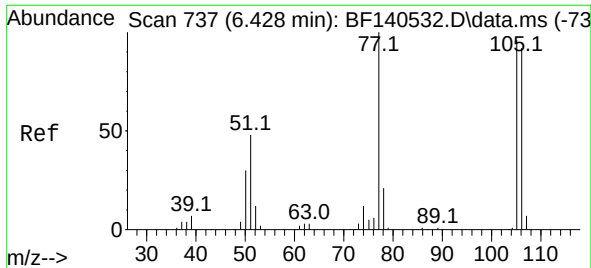
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 35.975 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

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SSTDICCC040

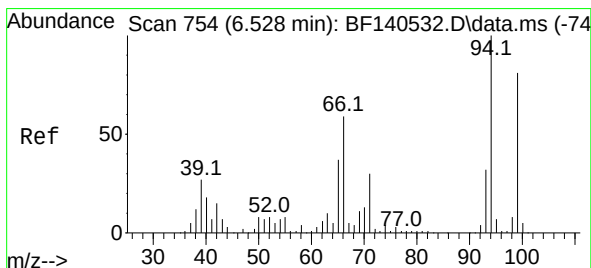
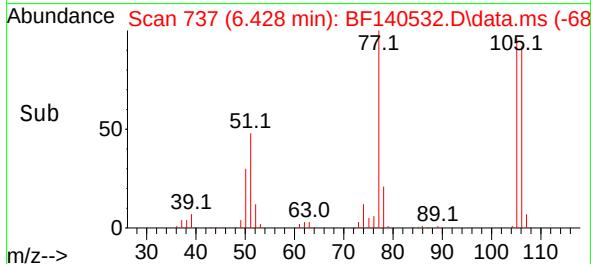
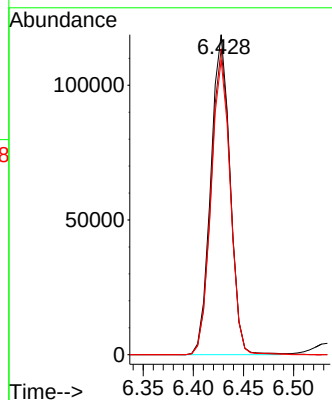
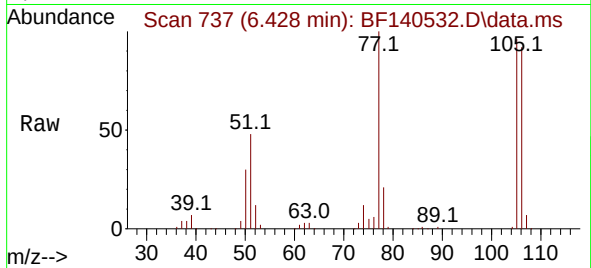
Tgt Ion: 77 Resp: 158653

Ion Ratio Lower Upper

77 100

105 95.6 75.6 115.6

106 92.0 72.0 112.0



#10

Phenol

Concen: 42.137 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

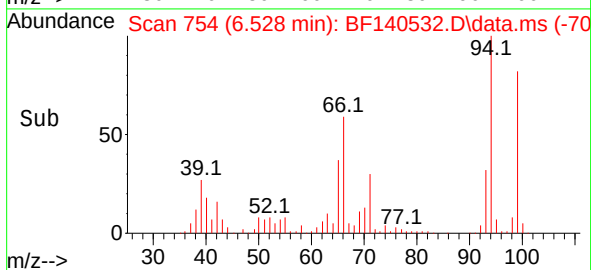
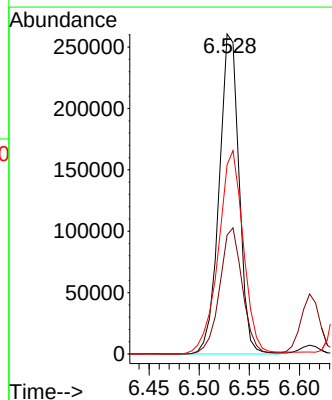
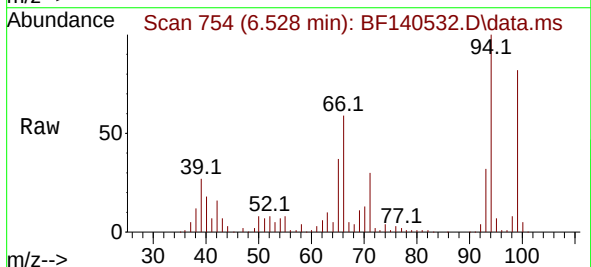
Tgt Ion: 94 Resp: 358490

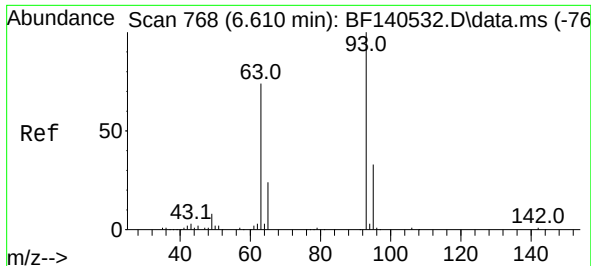
Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 59.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 41.142 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140532.D

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Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

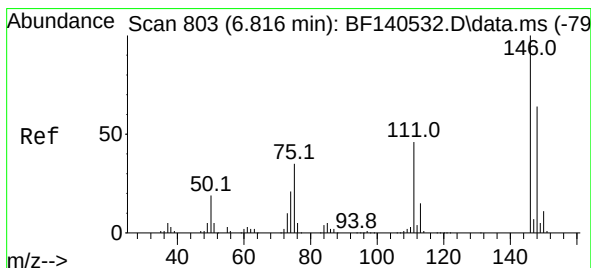
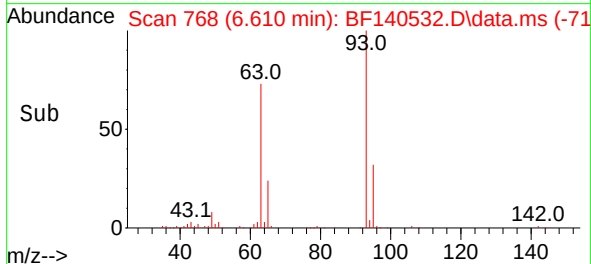
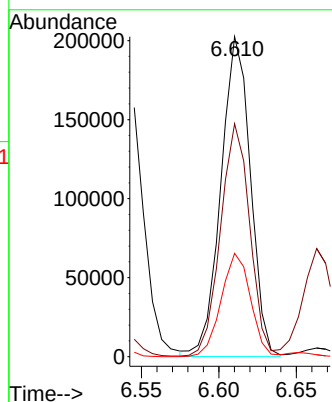
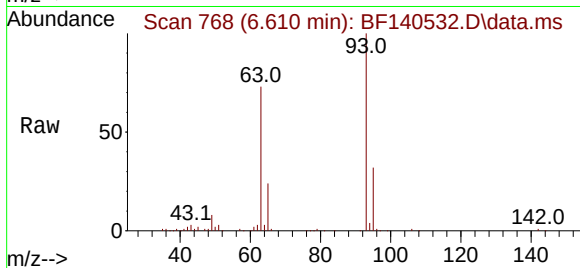
Tgt Ion: 93 Resp: 267847

Ion Ratio Lower Upper

93 100

63 72.8 52.8 92.8

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.480 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

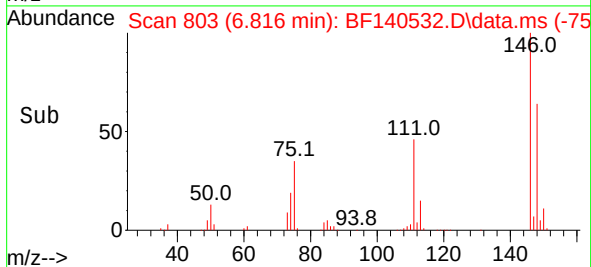
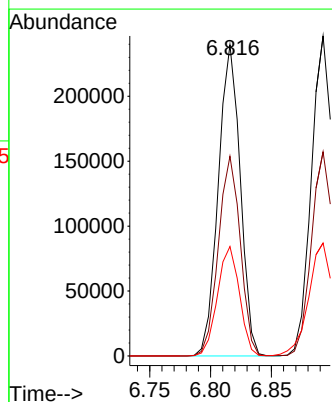
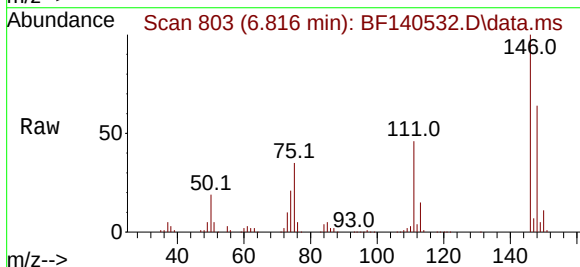
Tgt Ion:146 Resp: 300744

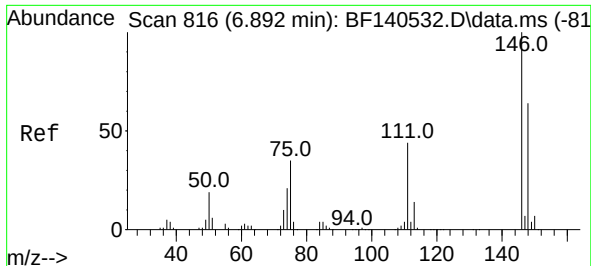
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 35.2 28.2 42.2

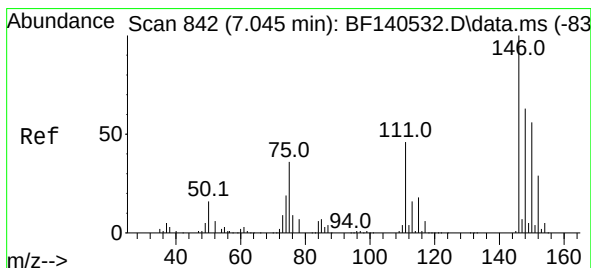
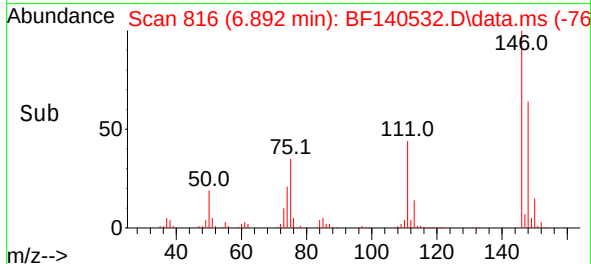
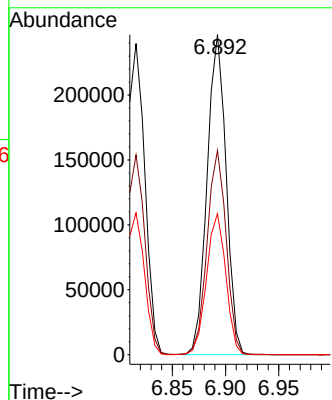
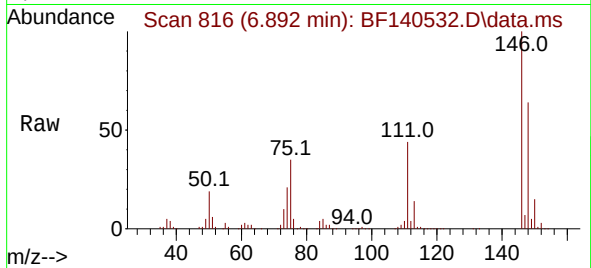




#13
1,4-Dichlorobenzene
Concen: 39.817 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

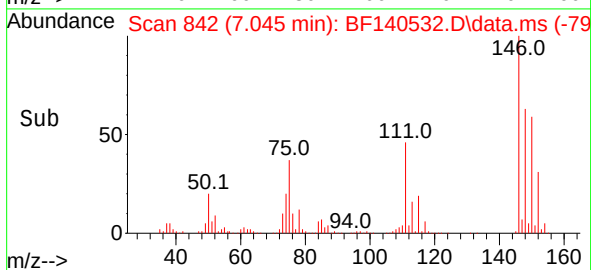
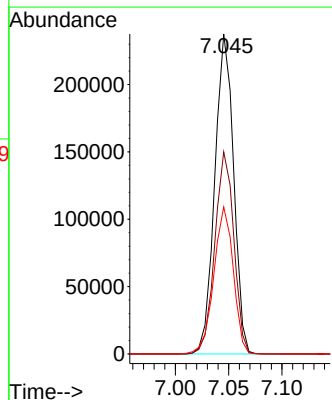
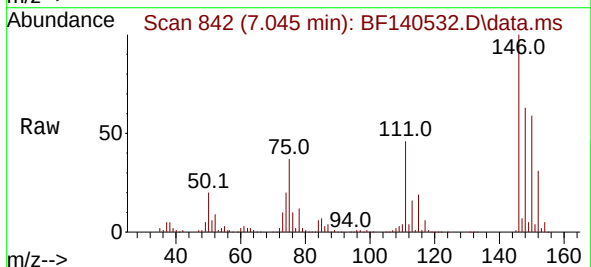
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

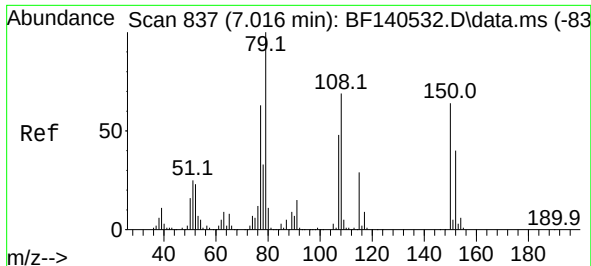
Tgt Ion:146 Resp: 307112
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 40.311 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:146 Resp: 291347
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 45.9 36.7 55.1

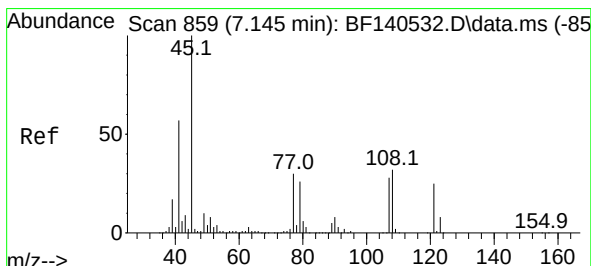
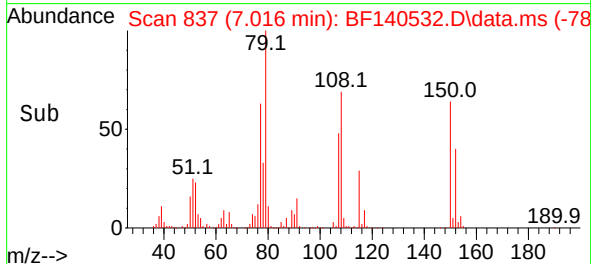
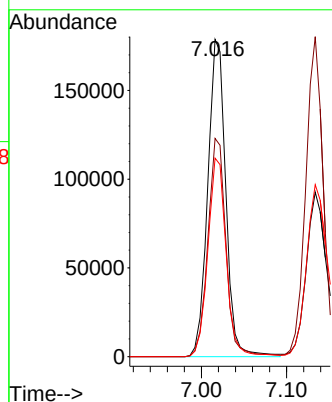
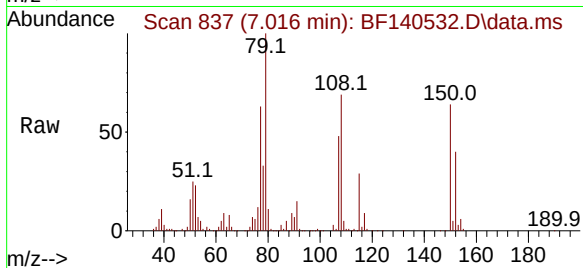




#15
Benzyl Alcohol
Concen: 42.594 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

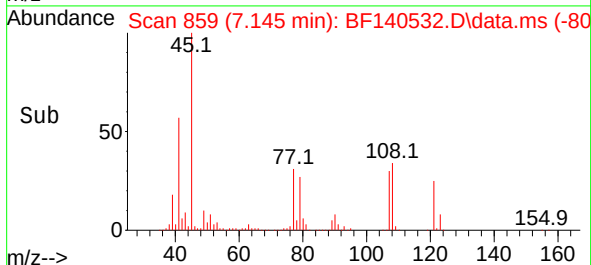
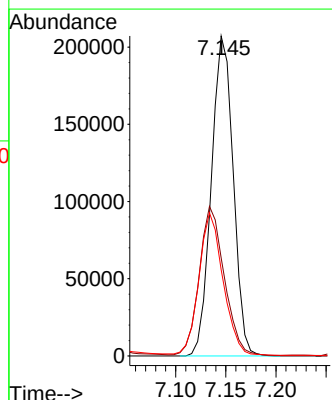
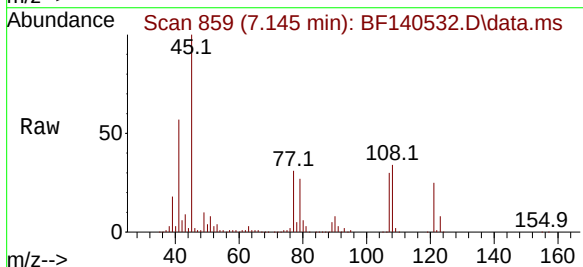
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

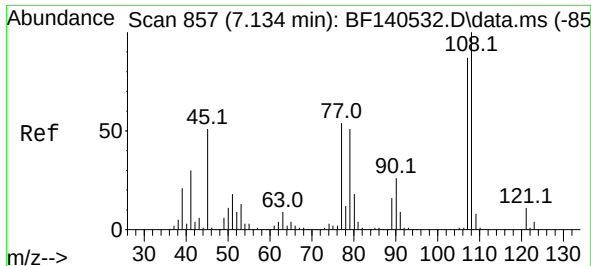
Tgt Ion: 79 Resp: 263144
Ion Ratio Lower Upper
79 100
108 68.8 55.0 82.6
77 62.6 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.901 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 45 Resp: 314582
Ion Ratio Lower Upper
45 100
77 30.7 10.7 50.7
79 27.0 7.0 47.0

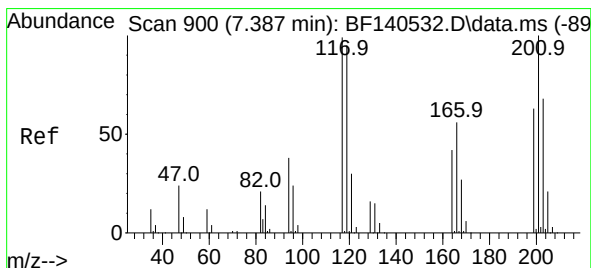
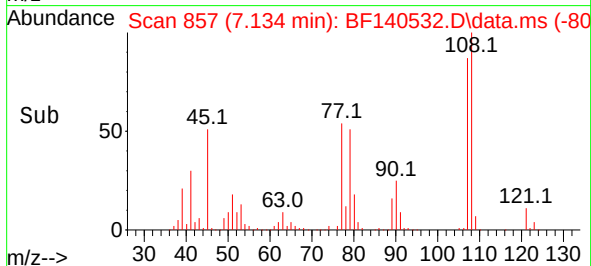
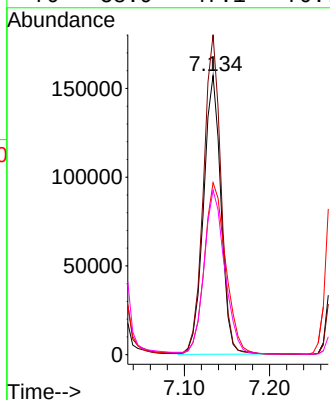
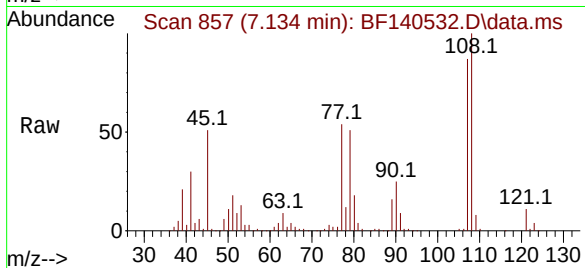




#17
2-Methylphenol
Concen: 41.272 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

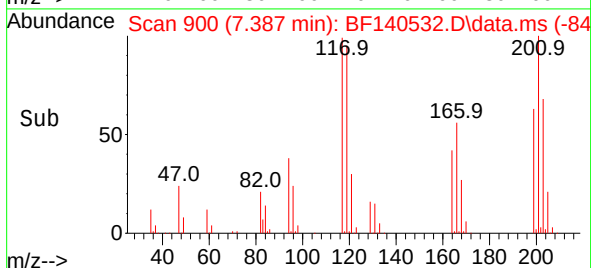
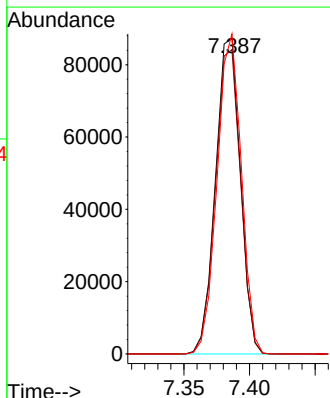
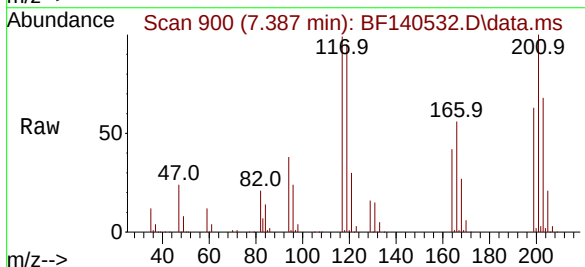
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

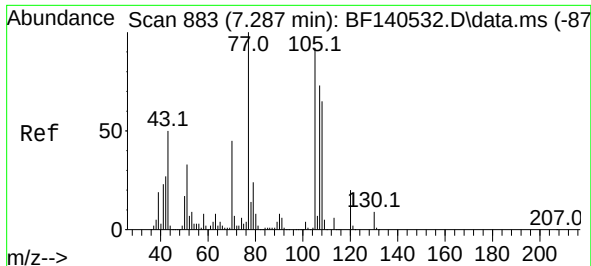
Tgt Ion:	107	Resp:	223977
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	61.6	49.3	73.9
79	58.9	47.1	70.7



#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:	117	Resp:	115481
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	101.4	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.304 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 203356

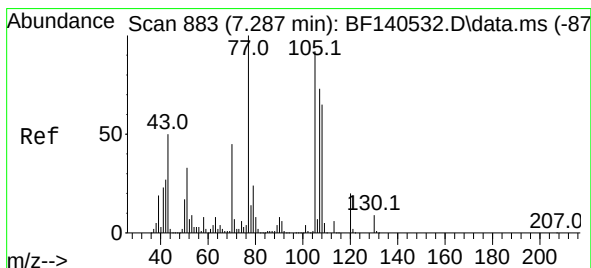
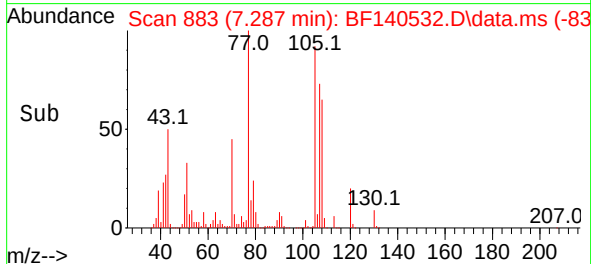
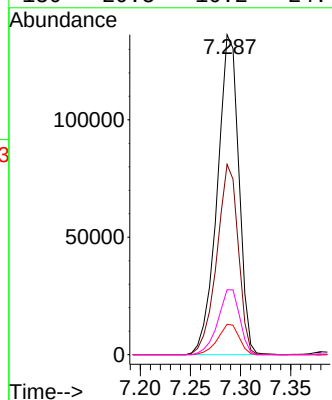
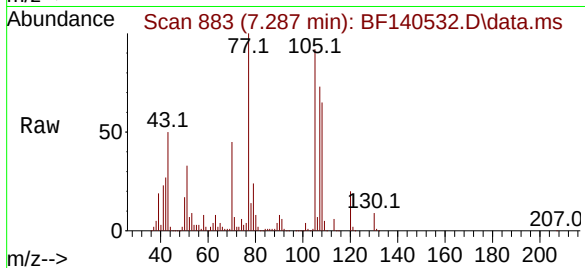
Ion Ratio Lower Upper

70 100

42 59.5 47.6 71.4

101 9.5 7.6 11.4

130 20.3 16.2 24.4



#20

3+4-Methylphenols

Concen: 41.517 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:107 Resp: 289597

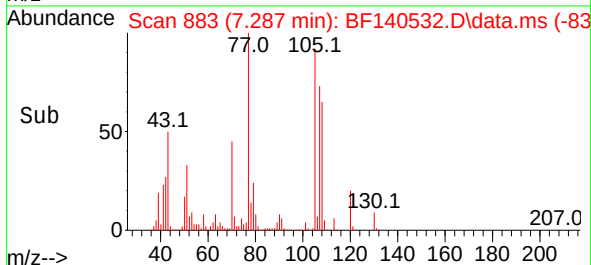
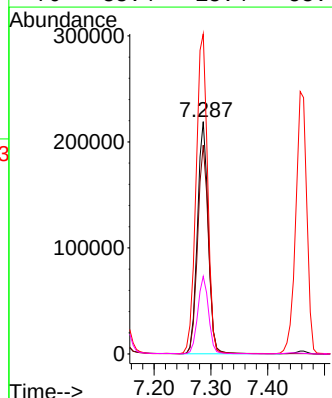
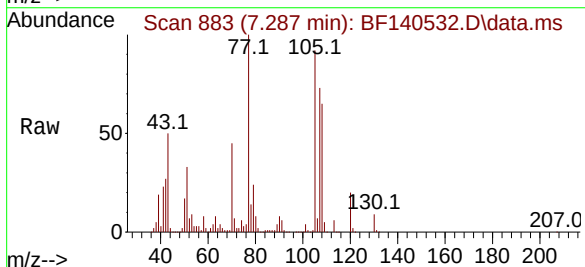
Ion Ratio Lower Upper

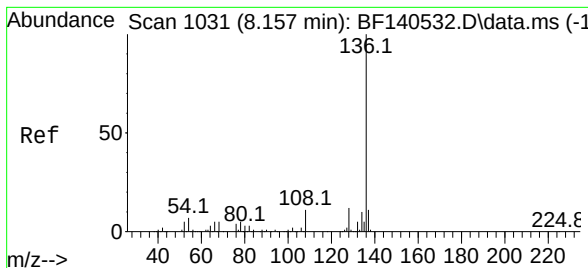
107 100

108 89.9 69.9 109.9

77 137.7 117.7 157.7

79 33.4 13.4 53.4

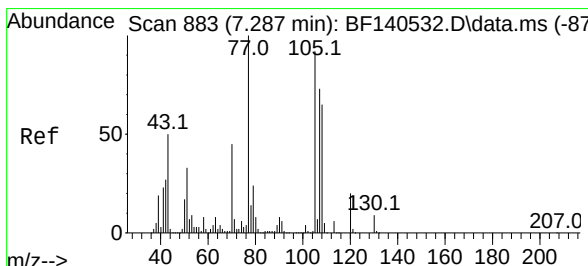
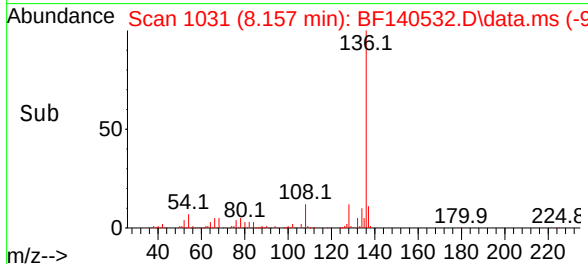
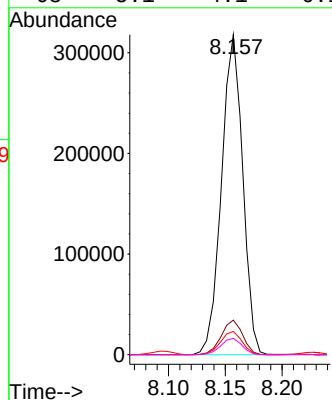
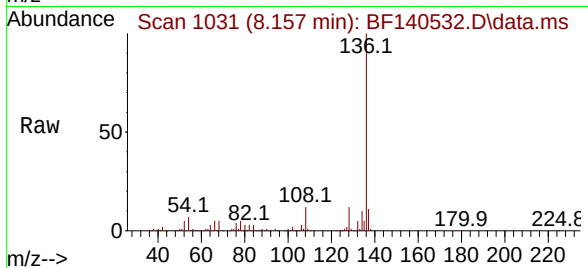




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

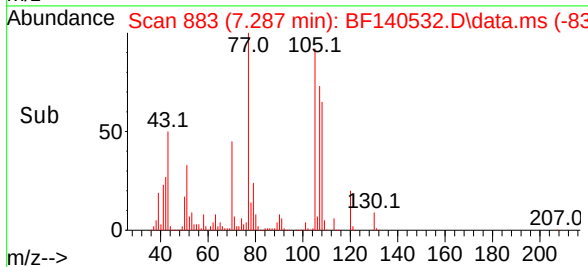
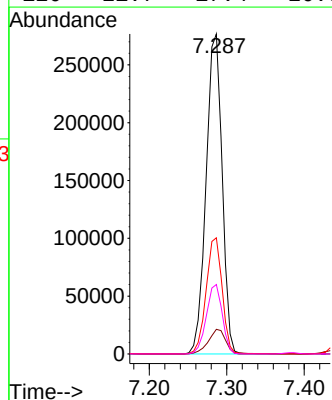
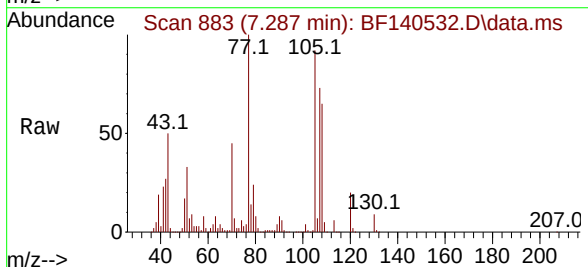
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

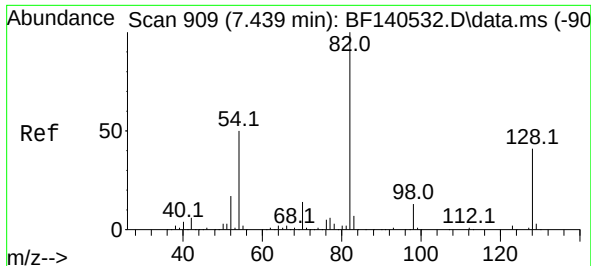
Tgt Ion:136 Resp: 413408
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 5.8 8.8
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 39.464 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:105 Resp: 397747
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 36.3 29.0 43.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.281 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

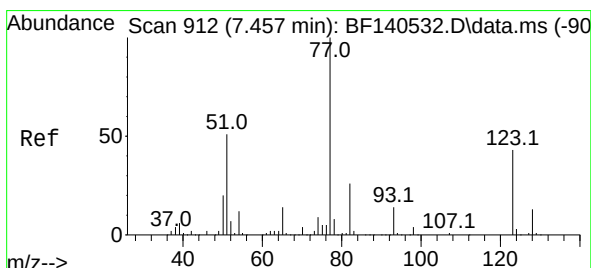
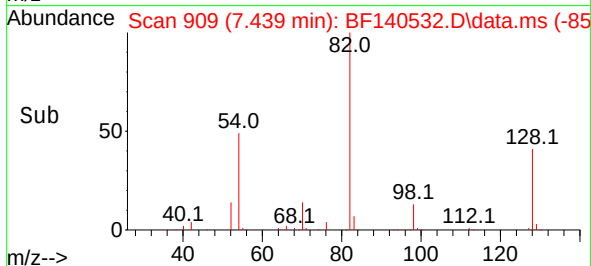
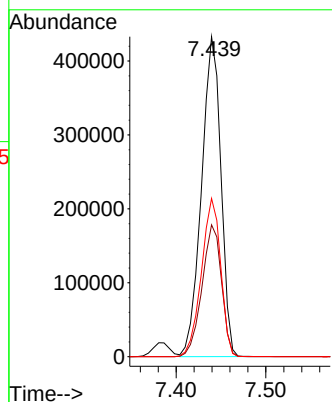
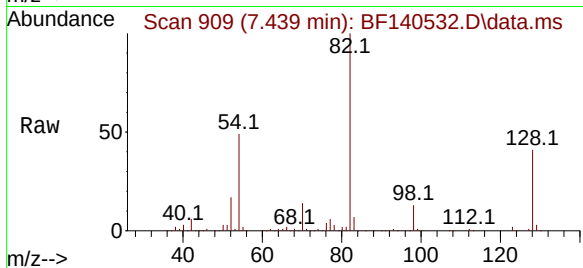
Tgt Ion: 82 Resp: 648845

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

54 49.4 39.5 59.3



#24

Nitrobenzene

Concen: 39.736 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

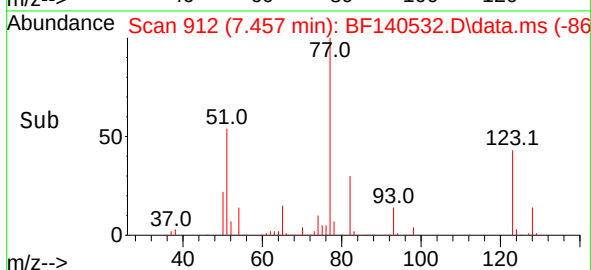
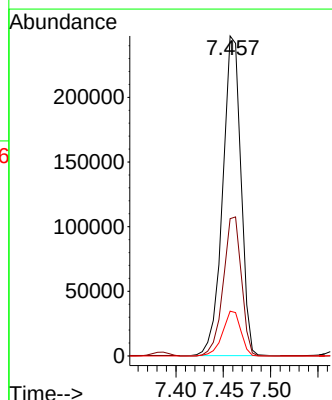
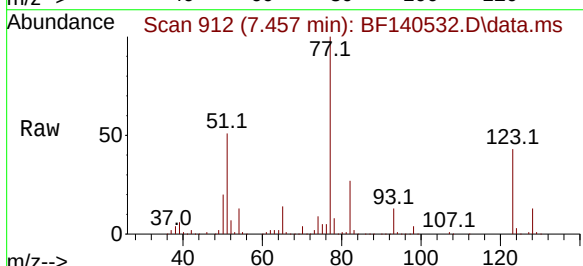
Tgt Ion: 77 Resp: 331927

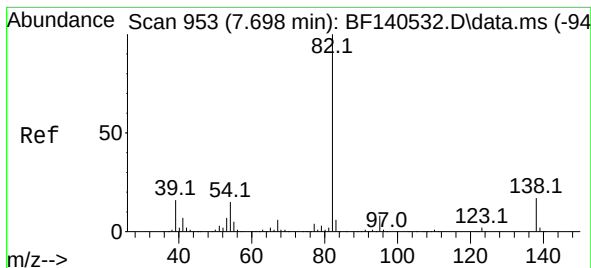
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 14.0 11.2 16.8





#25

Isophorone

Concen: 40.576 ng

RT: 7.698 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

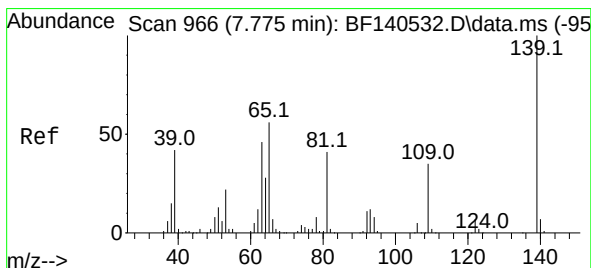
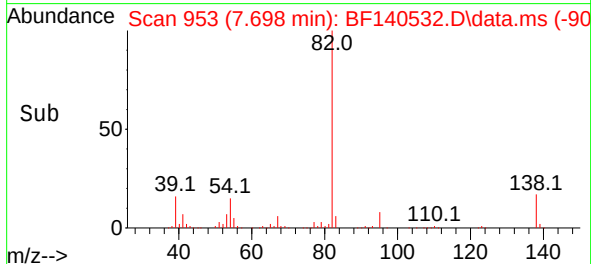
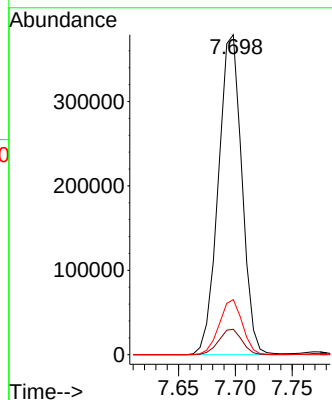
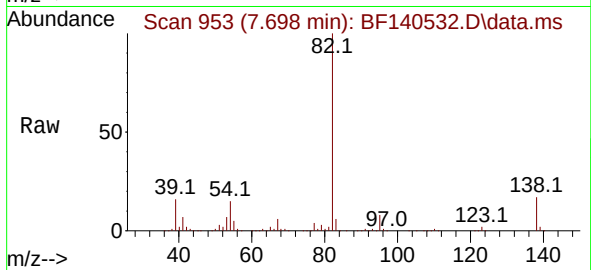
Tgt Ion: 82 Resp: 546985

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 17.2 13.8 20.6



#26

2-Nitrophenol

Concen: 40.287 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

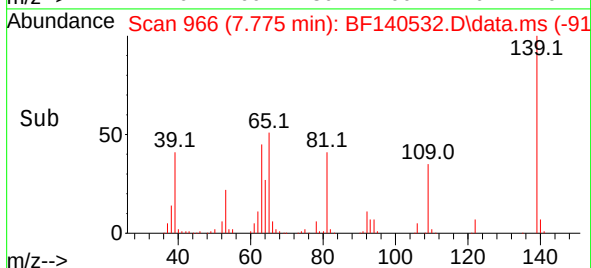
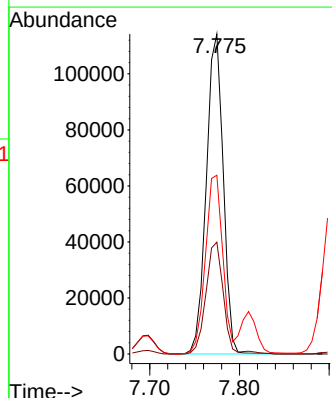
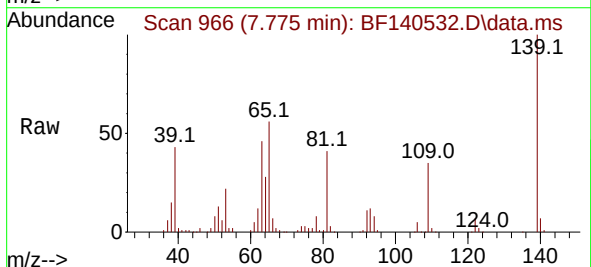
Tgt Ion:139 Resp: 149133

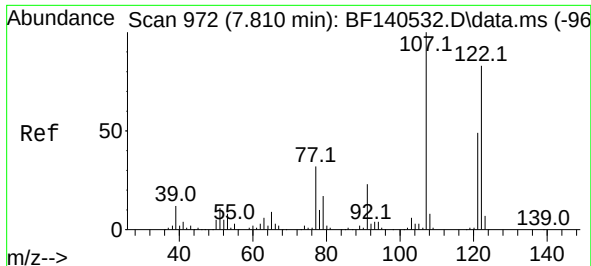
Ion Ratio Lower Upper

139 100

109 35.0 28.0 42.0

65 55.8 44.6 67.0

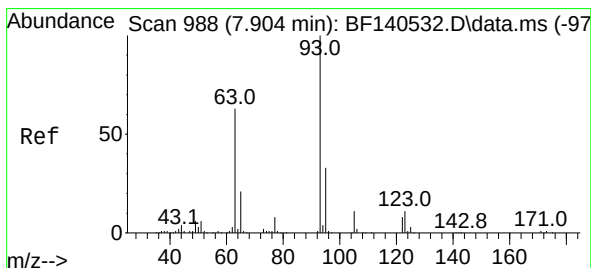
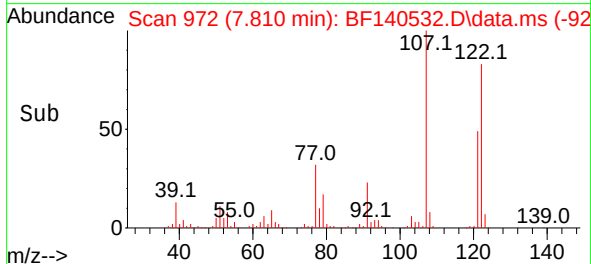
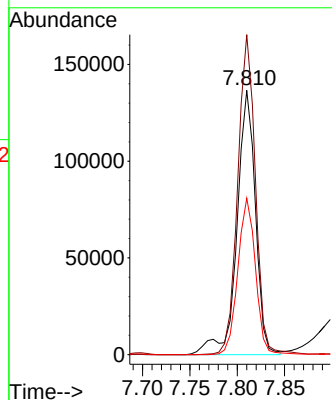
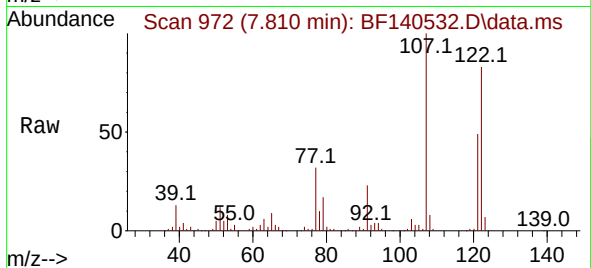




#27
2,4-Dimethylphenol
Concen: 41.885 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

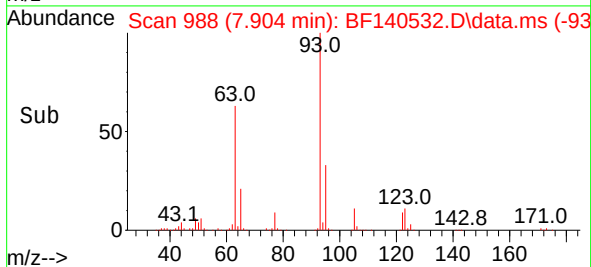
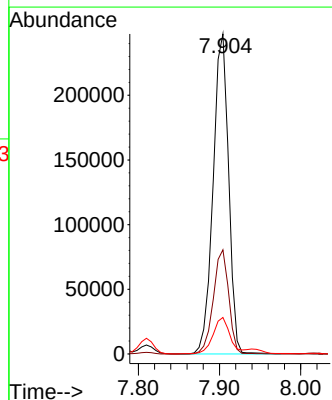
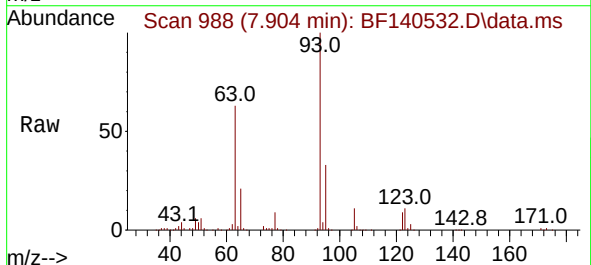
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

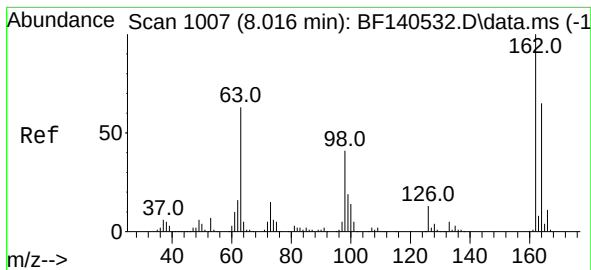
Tgt Ion:122 Resp: 185514
Ion Ratio Lower Upper
122 100
107 121.0 96.8 145.2
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.946 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 93 Resp: 328053
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.4 9.1 13.7

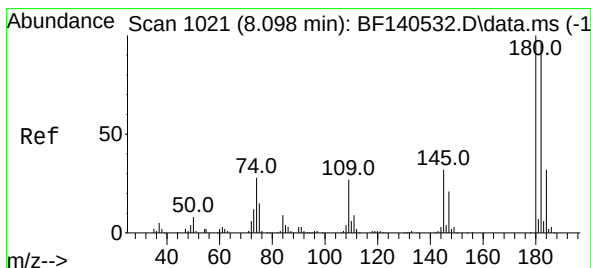
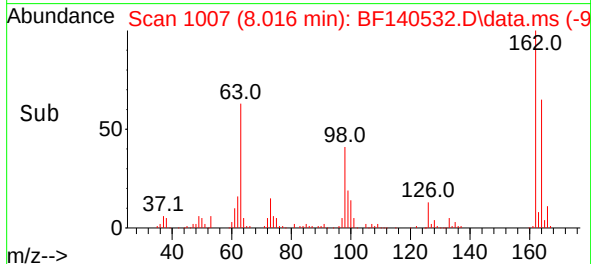
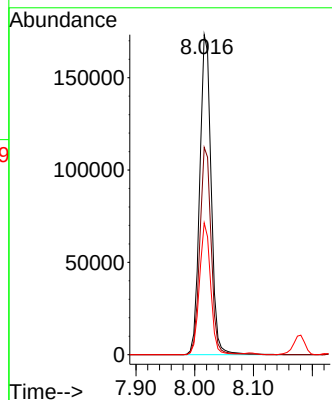
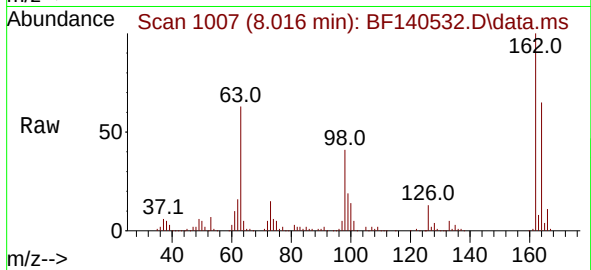




#29
2,4-Dichlorophenol
Concen: 39.725 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

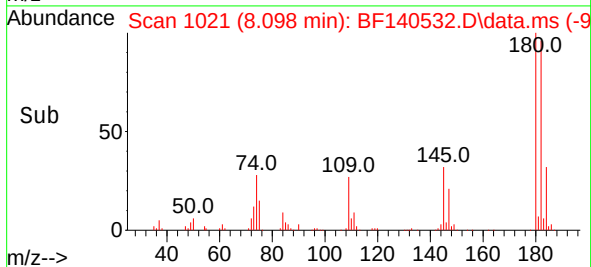
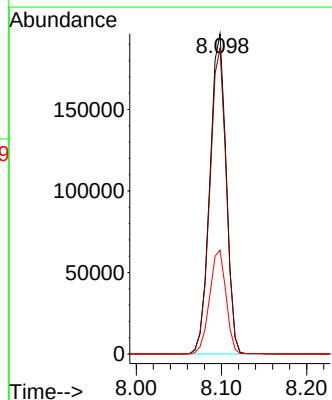
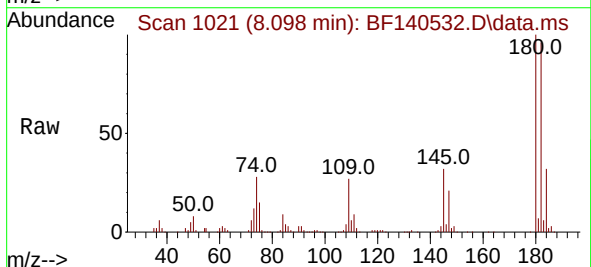
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

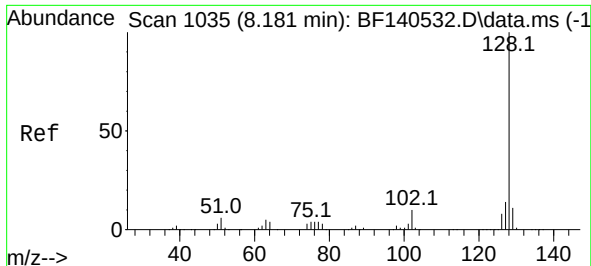
Tgt Ion:162 Resp: 233140
Ion Ratio Lower Upper
162 100
164 64.8 44.8 84.8
98 41.2 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 39.078 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:180 Resp: 261862
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 32.4 25.9 38.9





#31

Naphthalene

Concen: 39.318 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

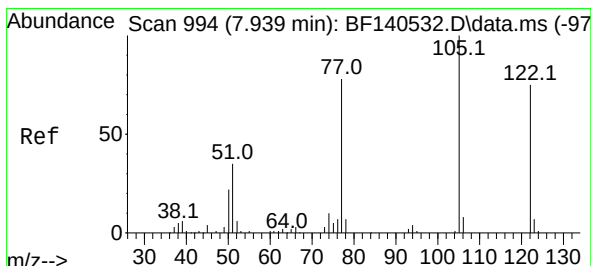
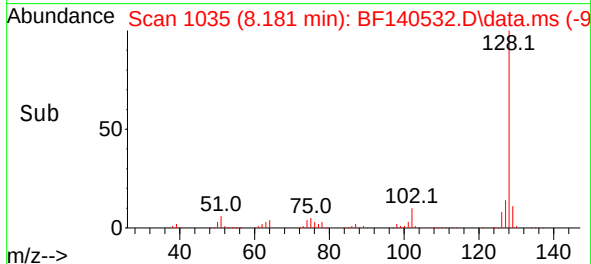
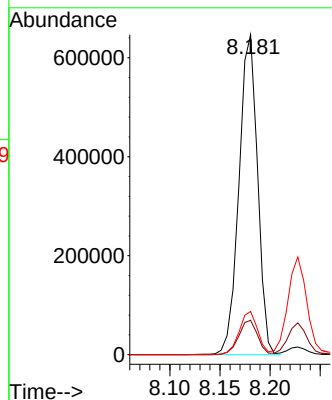
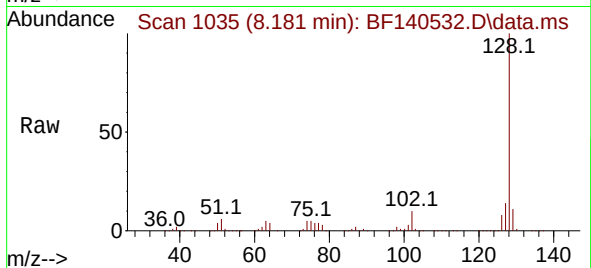
Tgt Ion:128 Resp: 837233

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 39.450 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

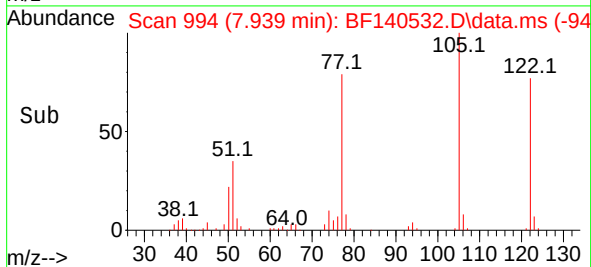
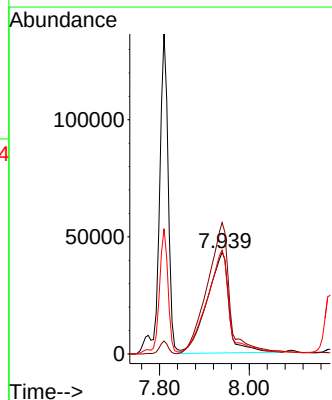
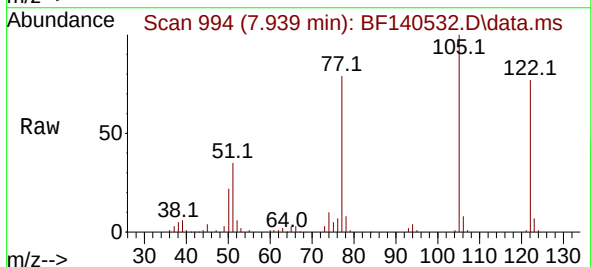
Tgt Ion:122 Resp: 146245

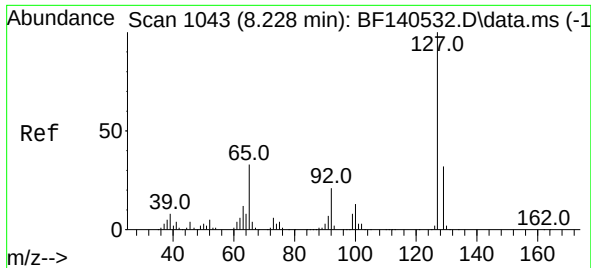
Ion Ratio Lower Upper

122 100

105 129.3 109.3 149.3

77 102.3 82.3 122.3





#33

4-Chloroaniline

Concen: 42.139 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 268662

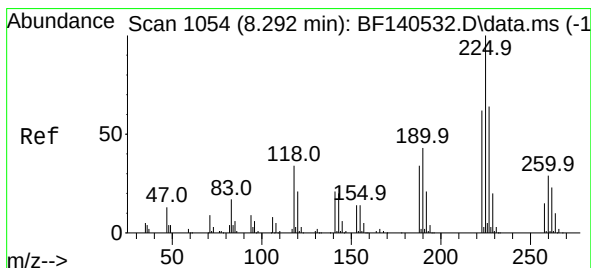
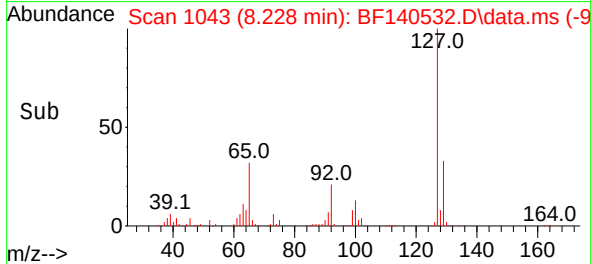
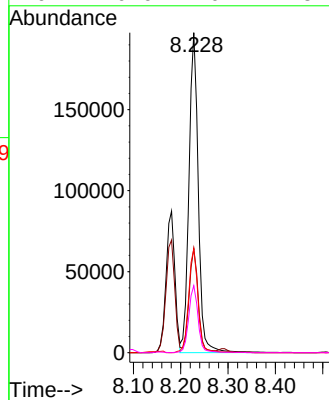
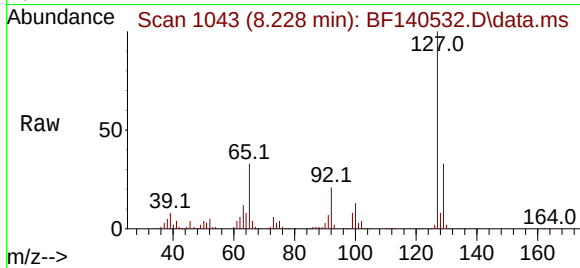
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.5 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.473 ng

RT: 8.292 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

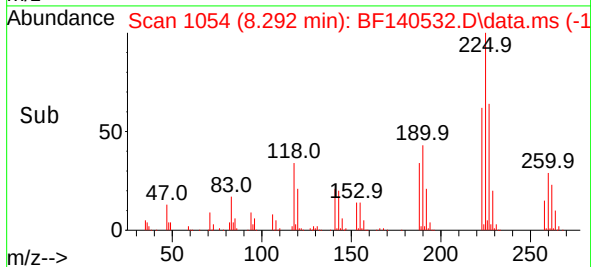
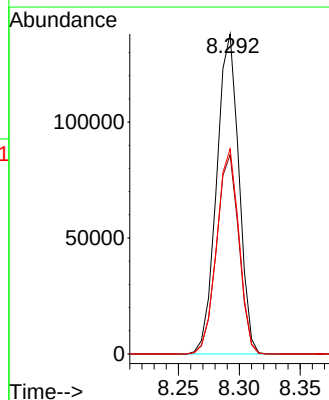
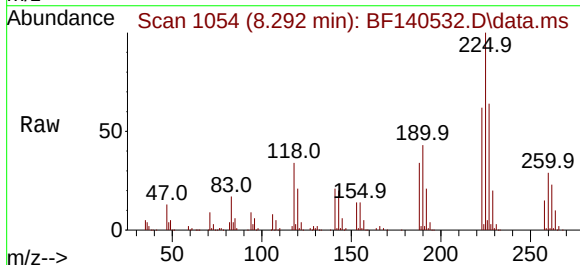
Tgt Ion:225 Resp: 175198

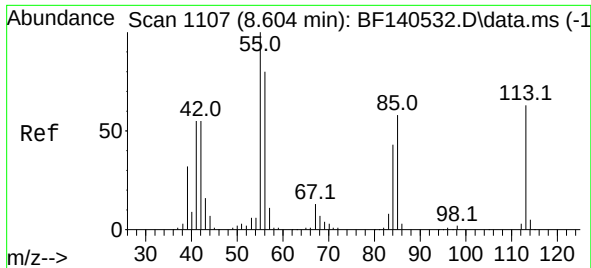
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

227 64.1 51.3 76.9





#35

Caprolactam

Concen: 41.168 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

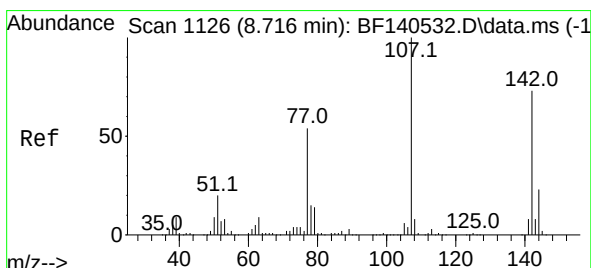
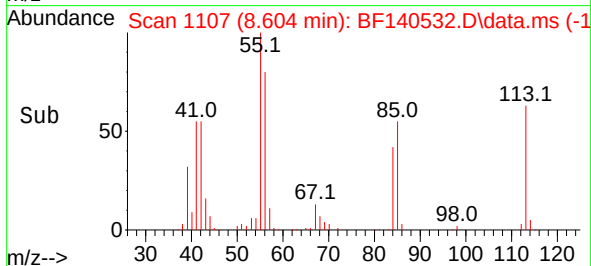
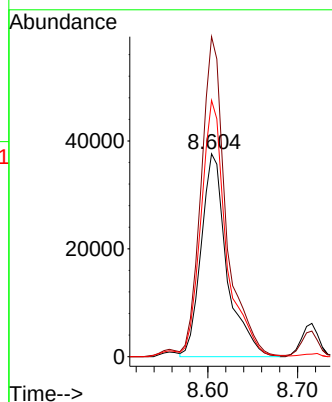
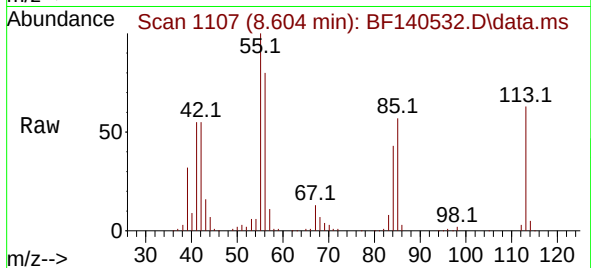
Tgt Ion:113 Resp: 74771

Ion Ratio Lower Upper

113 100

55 157.7 137.7 177.7

56 126.4 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 41.150 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

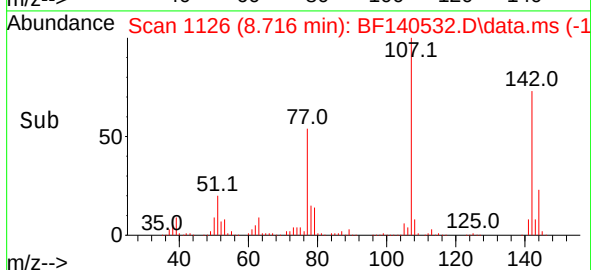
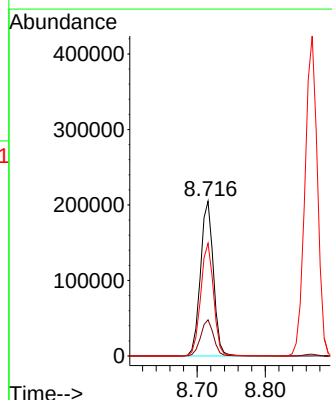
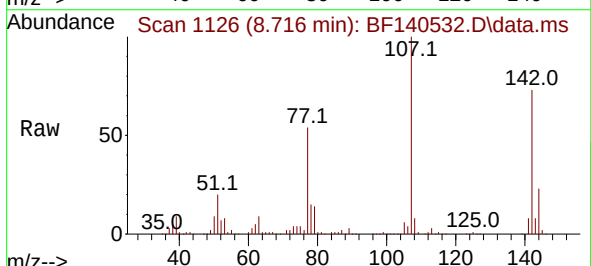
Tgt Ion:107 Resp: 270395

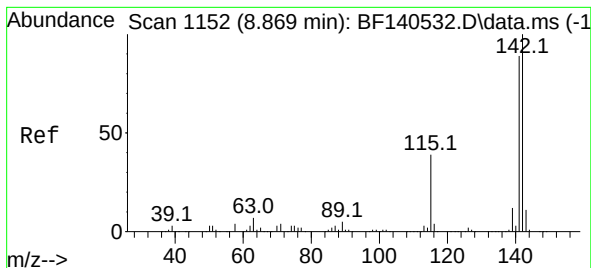
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 72.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 39.707 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

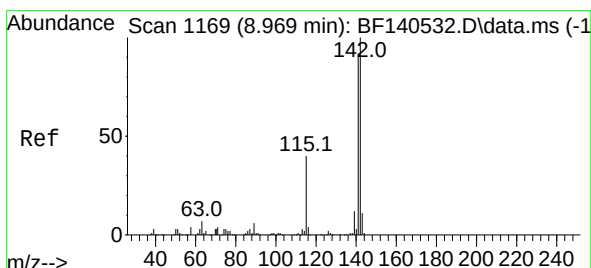
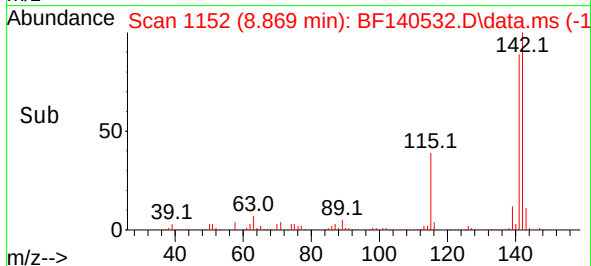
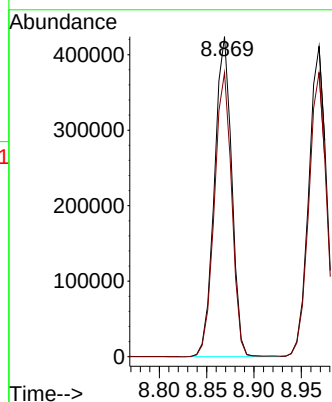
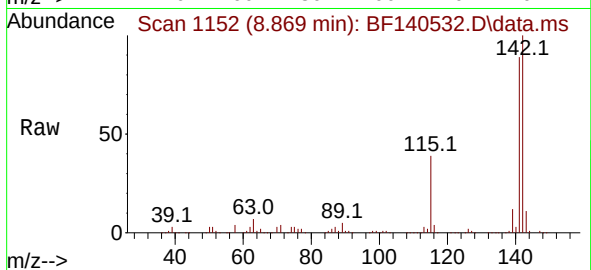
SSTDICCC040

Tgt Ion:142 Resp: 537039

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.781 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140532.D

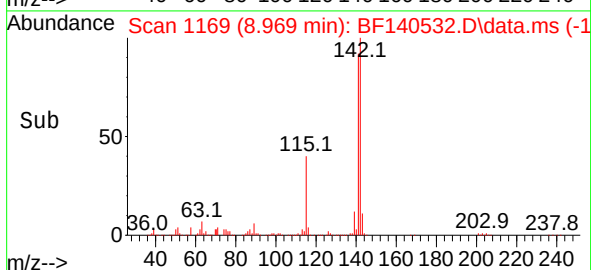
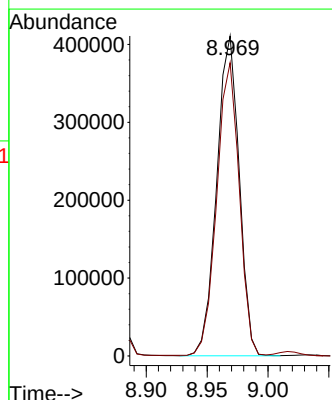
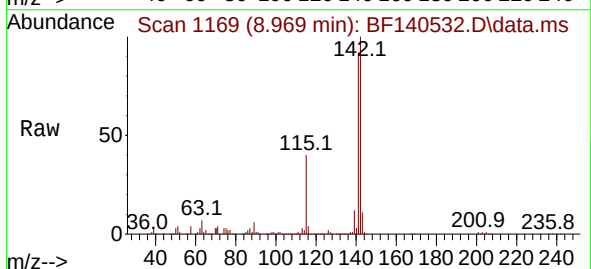
Acq: 21 Nov 2024 12:58

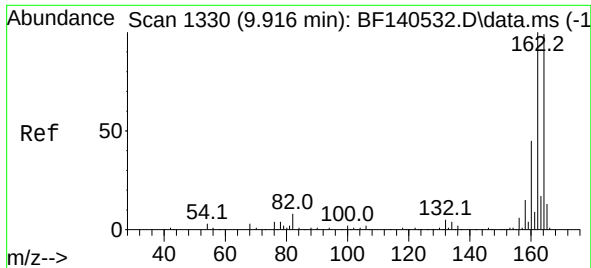
Tgt Ion:142 Resp: 527387

Ion Ratio Lower Upper

142 100

141 91.6 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: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

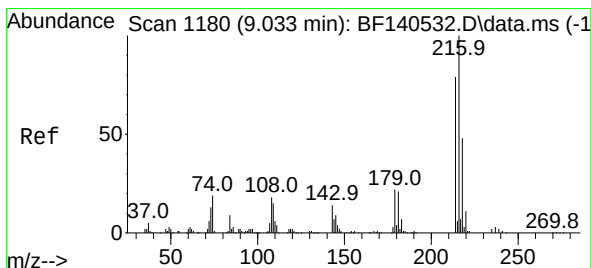
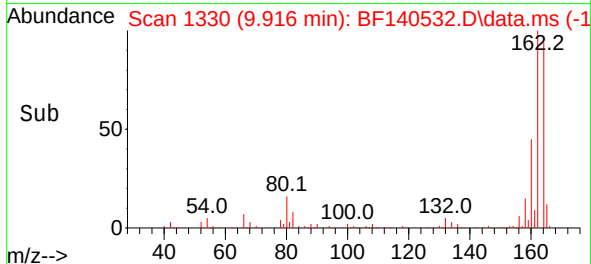
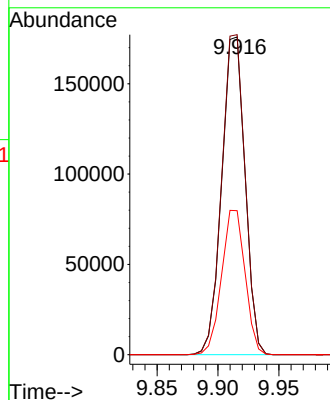
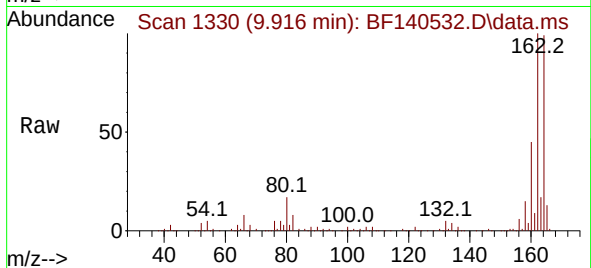
Tgt Ion:164 Resp: 234407

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.462 ng

RT: 9.033 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:216 Resp: 263939

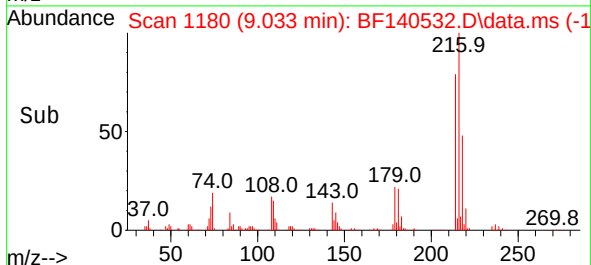
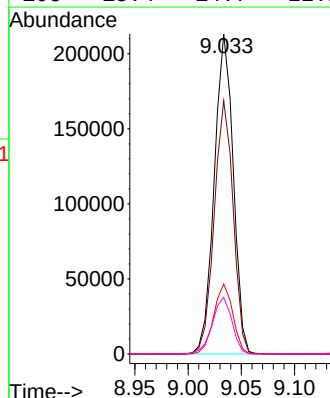
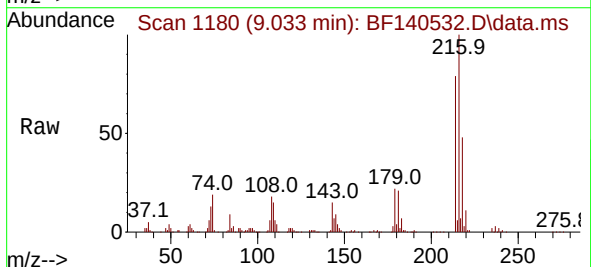
Ion Ratio Lower Upper

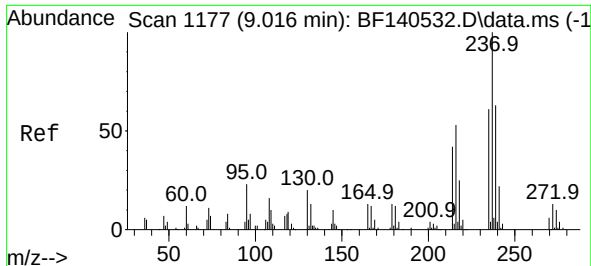
216 100

214 78.7 63.0 94.4

179 21.9 17.5 26.3

108 18.4 14.7 22.1

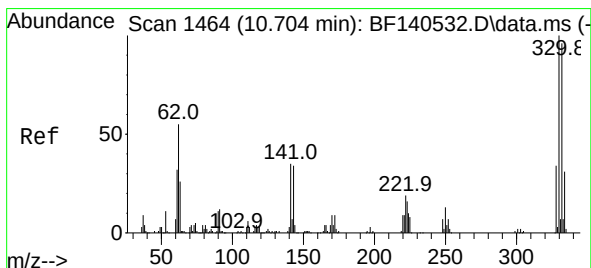
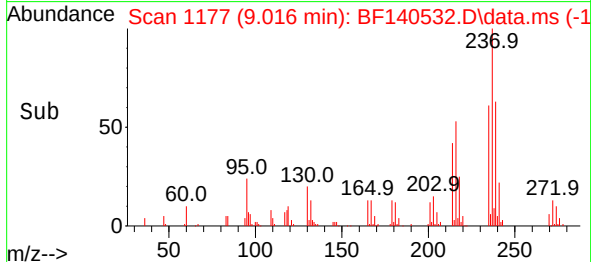
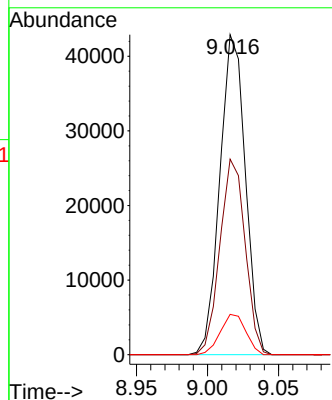
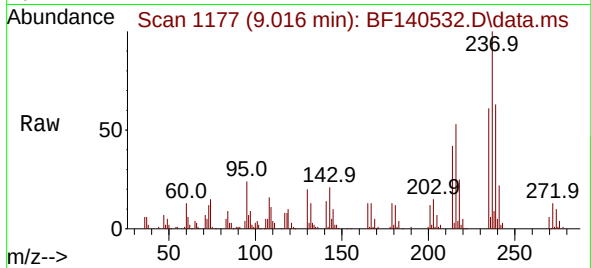




#41
Hexachlorocyclopentadiene
Concen: 38.833 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

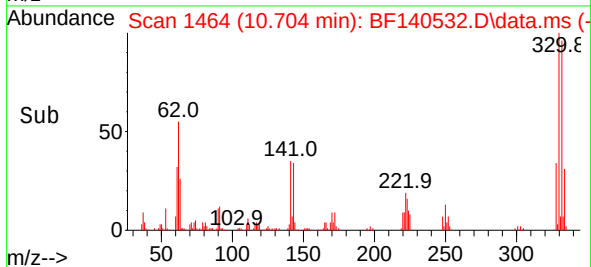
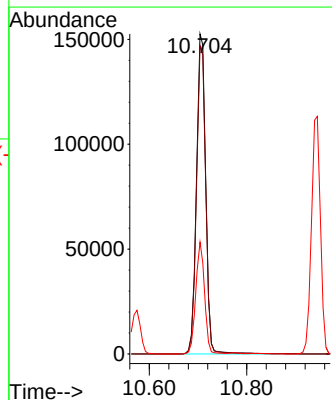
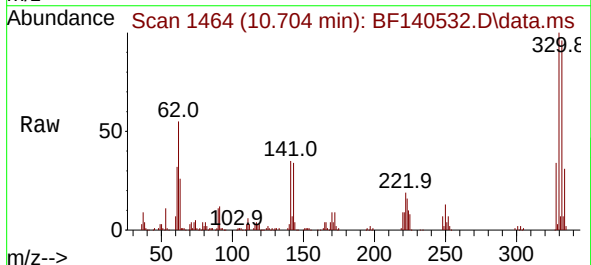
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

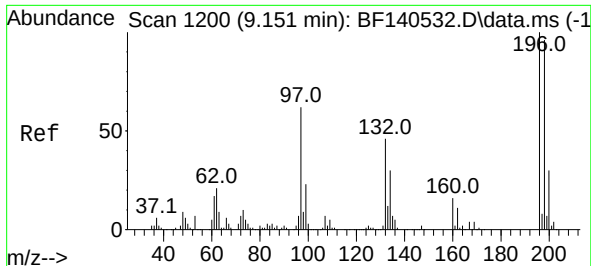
Tgt Ion:237 Resp: 53531
Ion Ratio Lower Upper
237 100
235 61.1 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:330 Resp: 202517
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.799 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

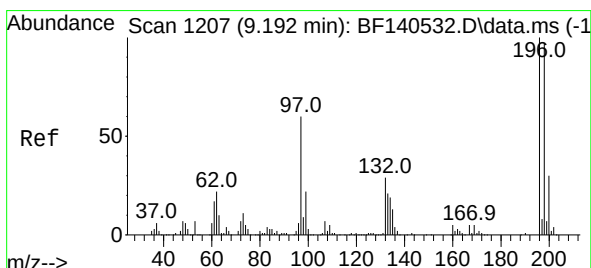
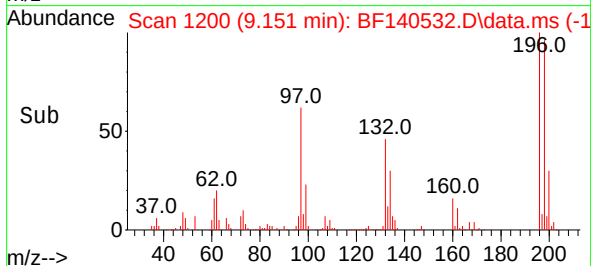
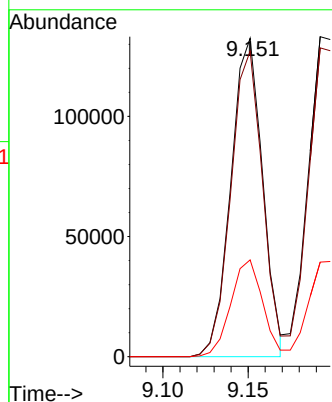
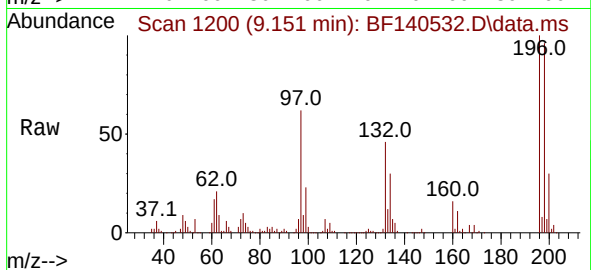
Tgt Ion:196 Resp: 171374

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.504 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:196 Resp: 189287

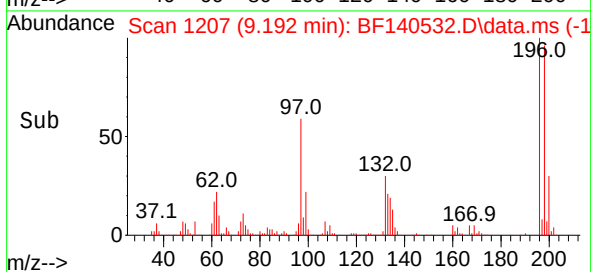
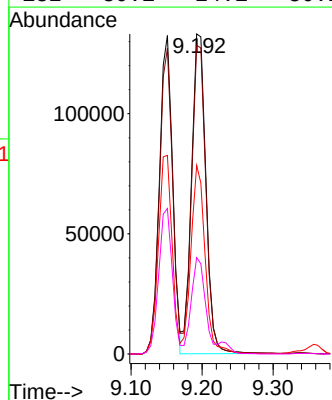
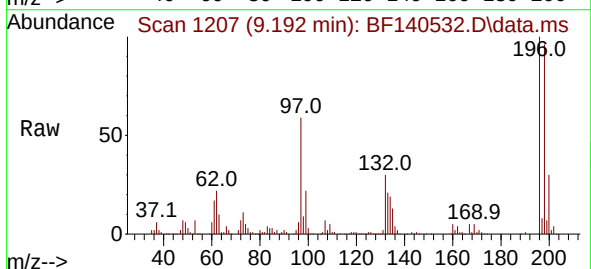
Ion Ratio Lower Upper

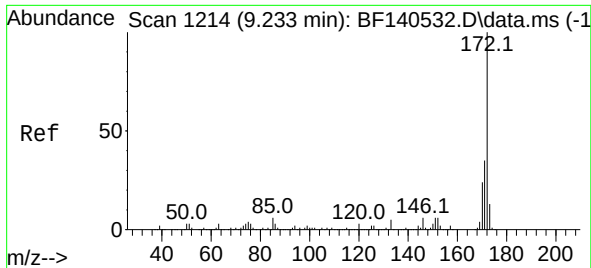
196 100

198 96.5 77.2 115.8

97 58.9 47.1 70.7

132 30.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 76.969 ng

RT: 9.233 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

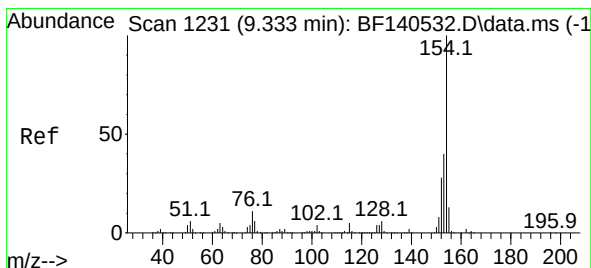
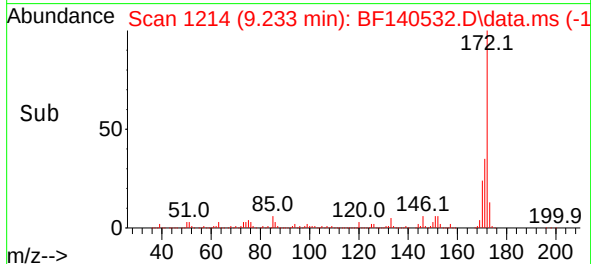
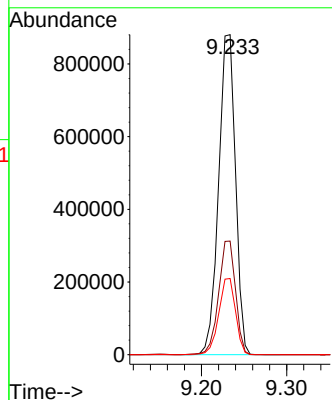
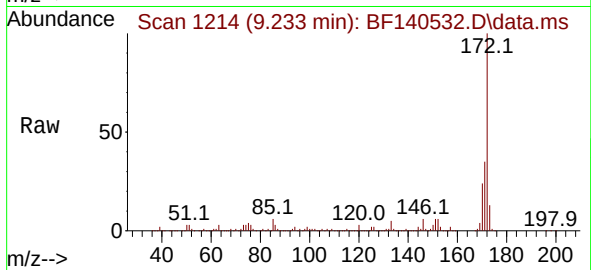
Tgt Ion:172 Resp: 1210929

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: 38.750 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

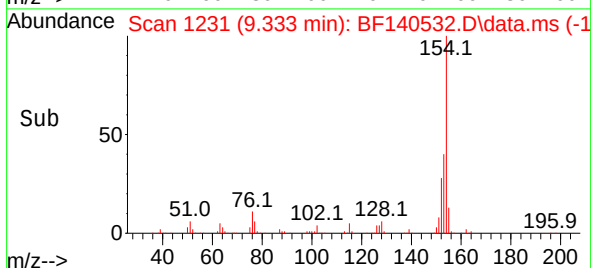
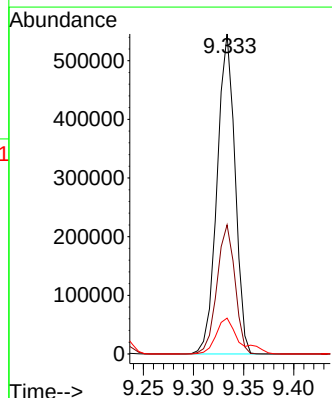
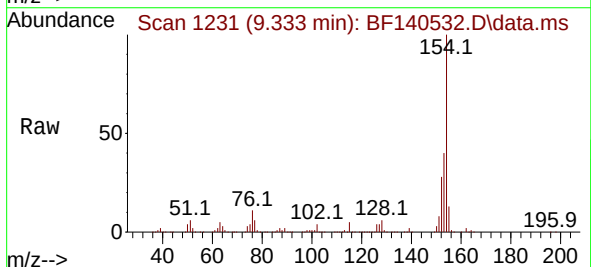
Tgt Ion:154 Resp: 678172

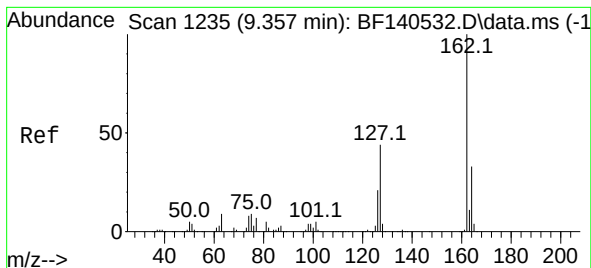
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.086 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

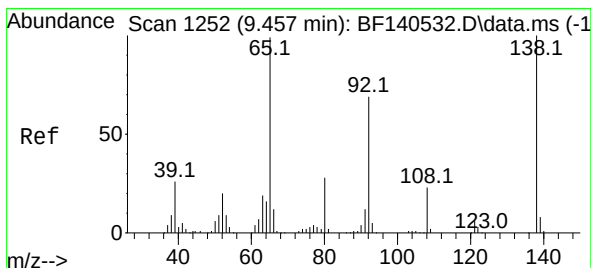
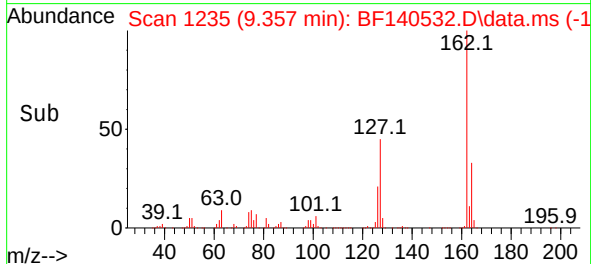
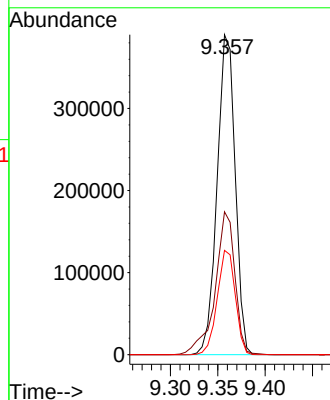
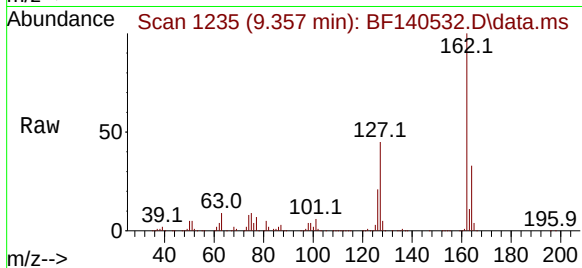
Tgt Ion:162 Resp: 518320

Ion Ratio Lower Upper

162 100

127 44.6 35.7 53.5

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 40.410 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

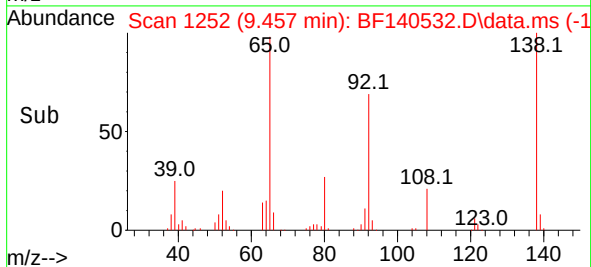
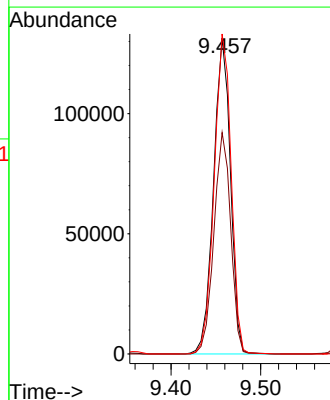
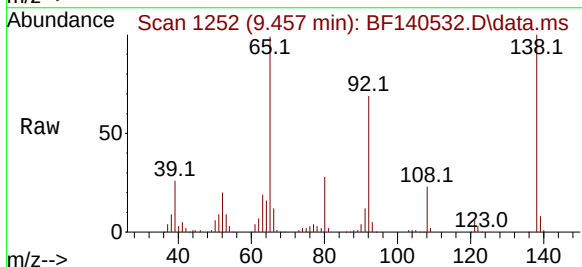
Tgt Ion: 65 Resp: 172005

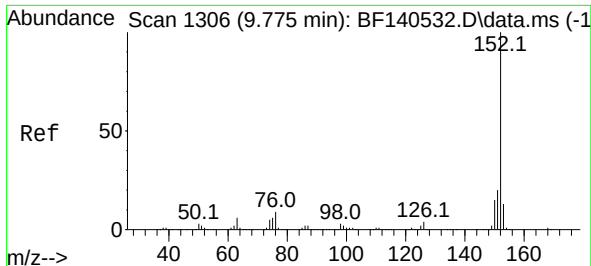
Ion Ratio Lower Upper

65 100

92 70.1 56.1 84.1

138 101.3 81.0 121.6





#49

Acenaphthylene

Concen: 38.899 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

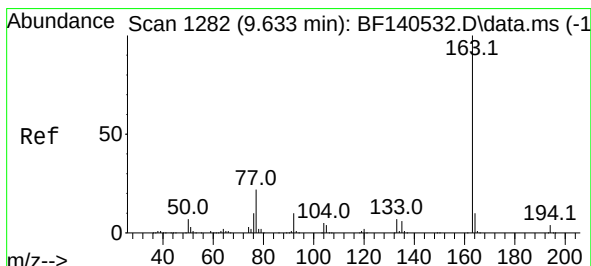
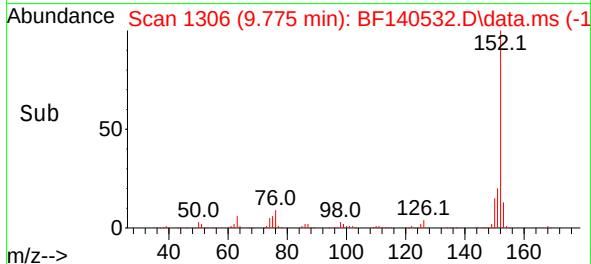
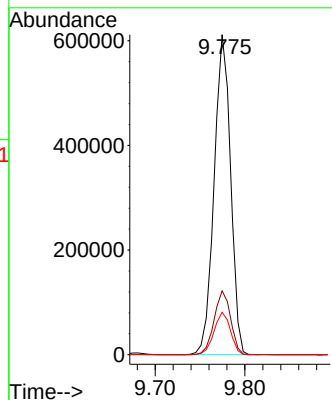
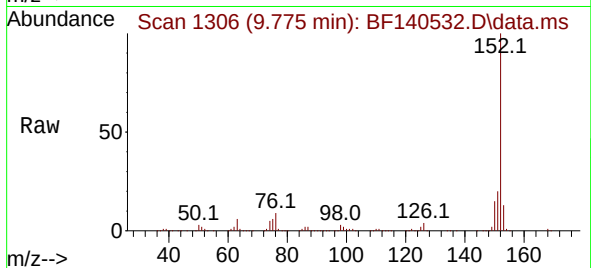
Tgt Ion:152 Resp: 779390

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 39.445 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

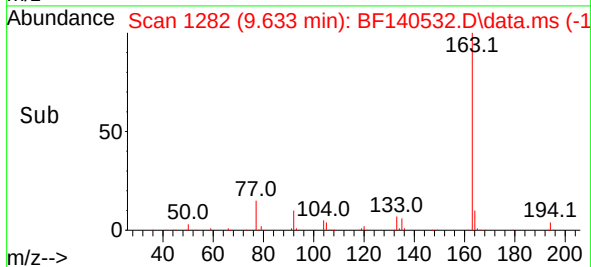
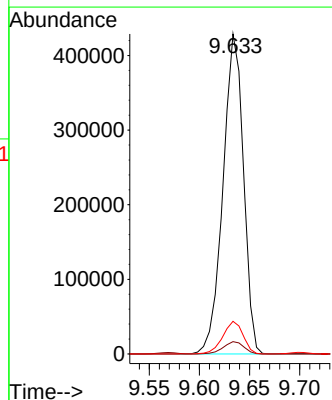
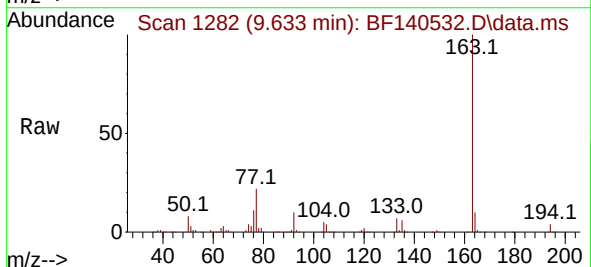
Tgt Ion:163 Resp: 608948

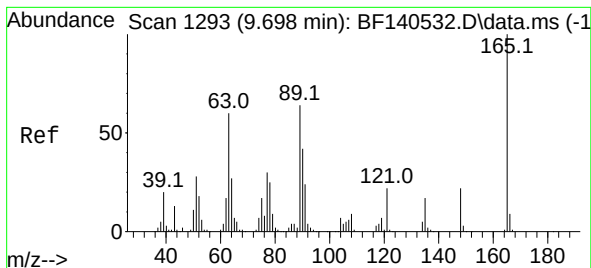
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

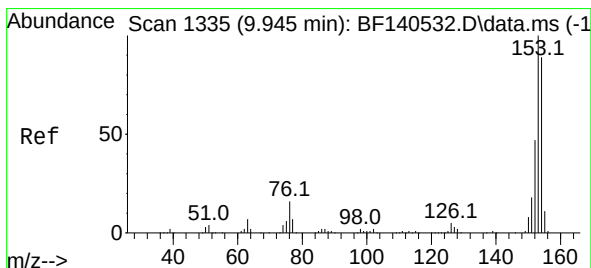
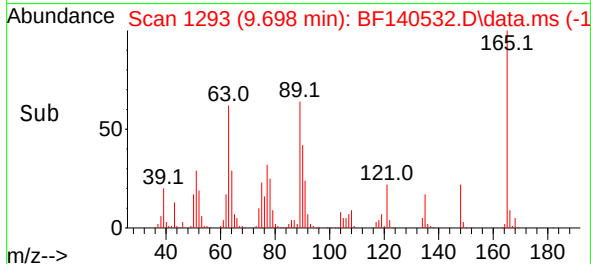
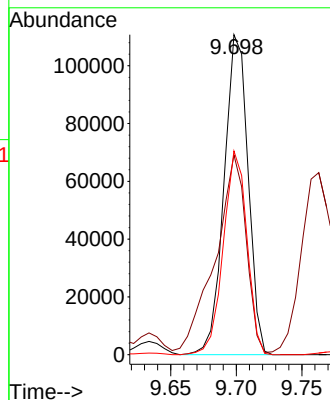
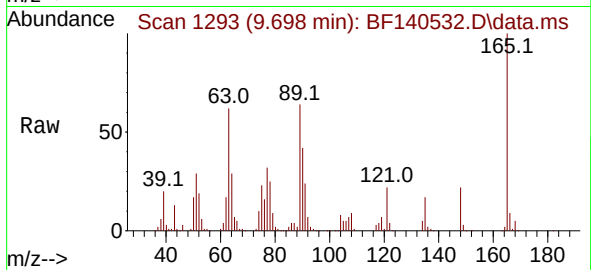




#51
2,6-Dinitrotoluene
Concen: 40.249 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

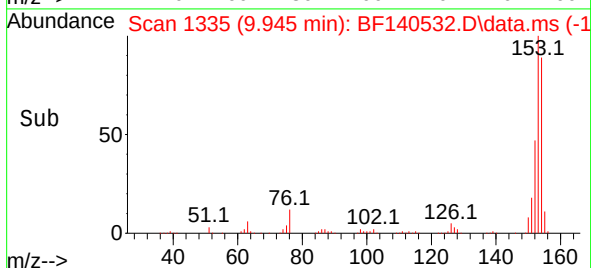
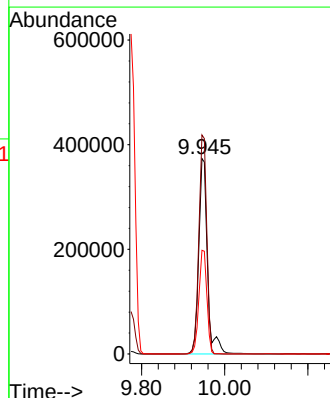
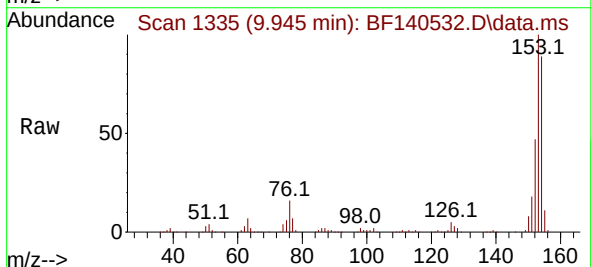
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

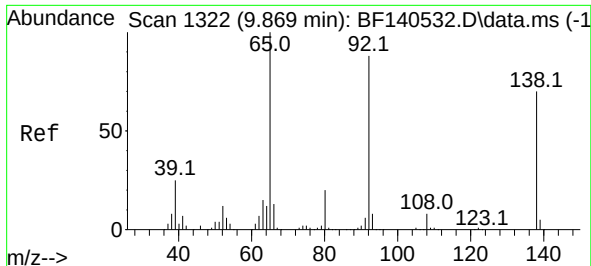
Tgt Ion:165 Resp: 140922
Ion Ratio Lower Upper
165 100
63 62.4 49.9 74.9
89 63.6 50.9 76.3



#52
Acenaphthene
Concen: 41.646 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:154 Resp: 540316
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 53.1 42.5 63.7





#53

3-Nitroaniline

Concen: 41.134 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

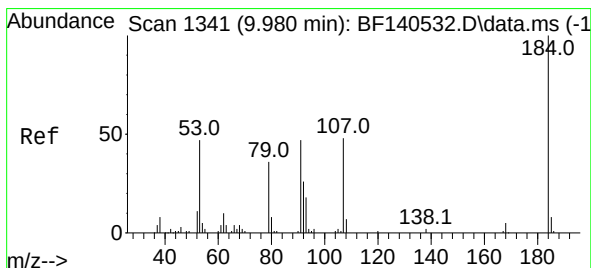
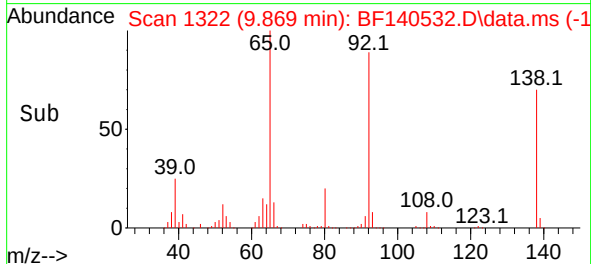
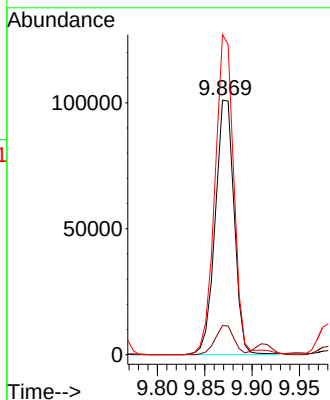
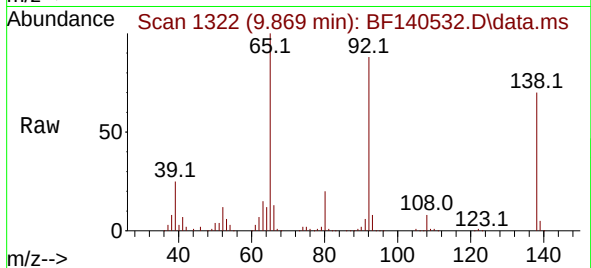
Tgt Ion:138 Resp: 140859

Ion Ratio Lower Upper

138 100

108 11.5 9.2 13.8

92 125.7 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 40.435 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

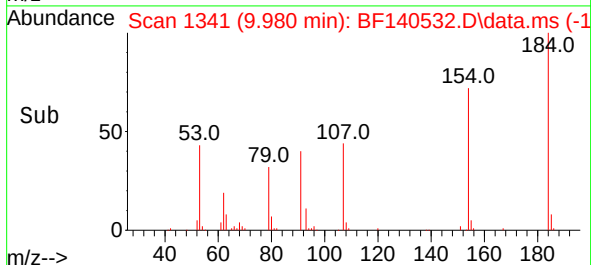
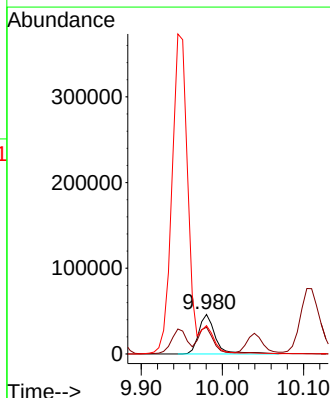
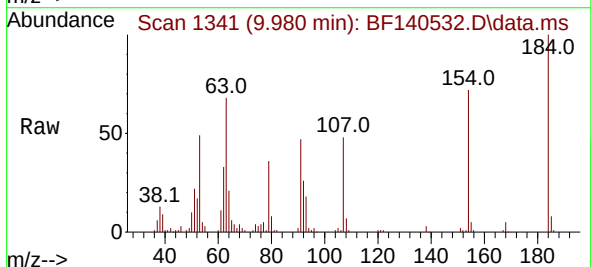
Tgt Ion:184 Resp: 65546

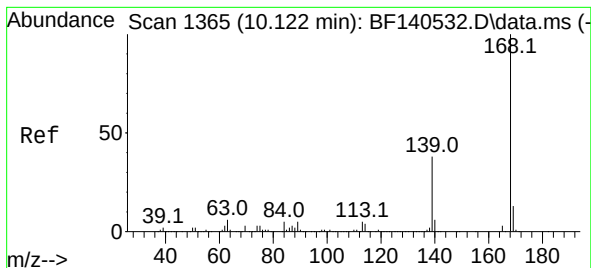
Ion Ratio Lower Upper

184 100

63 67.6 54.1 81.1

154 71.7 57.4 86.0





#55

Dibenzenofuran

Concen: 39.153 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

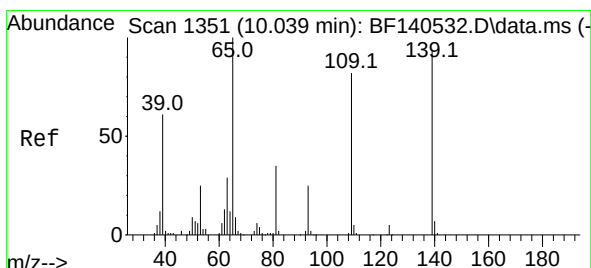
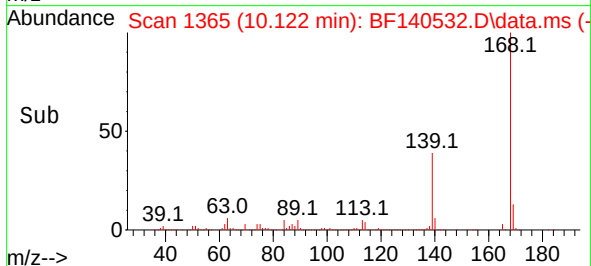
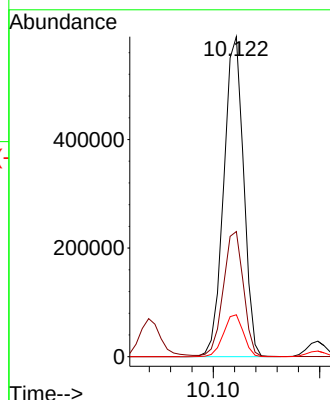
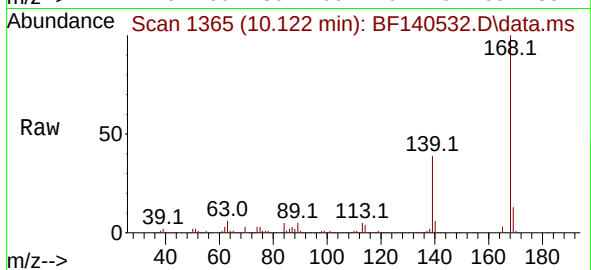
Tgt Ion:168 Resp: 760308

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 41.591 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

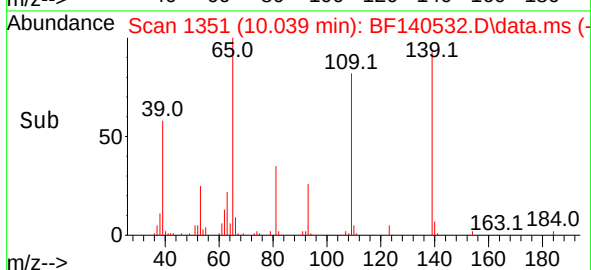
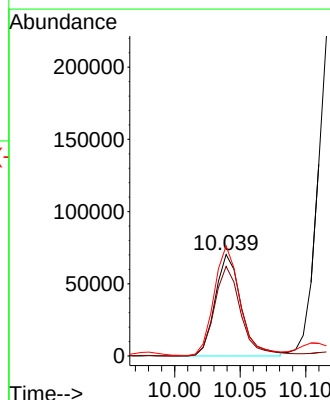
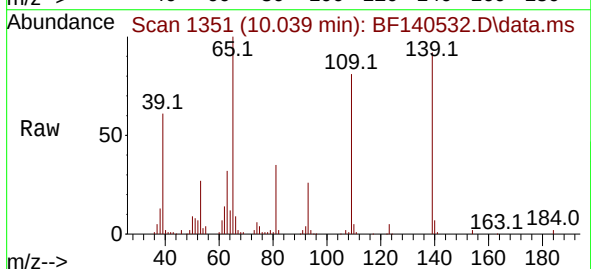
Tgt Ion:139 Resp: 97133

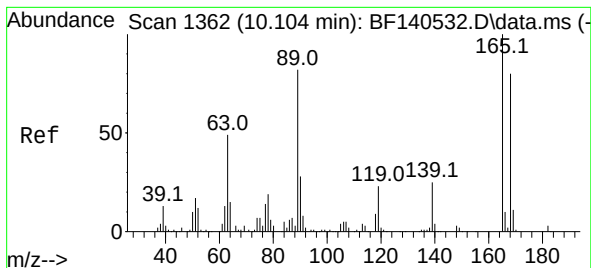
Ion Ratio Lower Upper

139 100

109 88.4 68.4 108.4

65 108.6 88.6 128.6

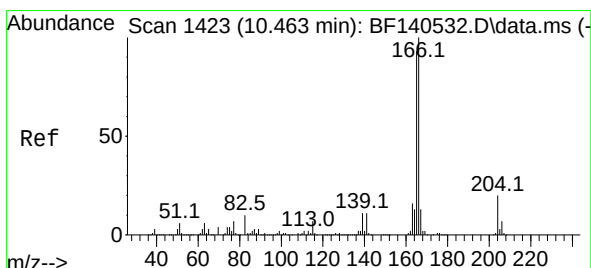
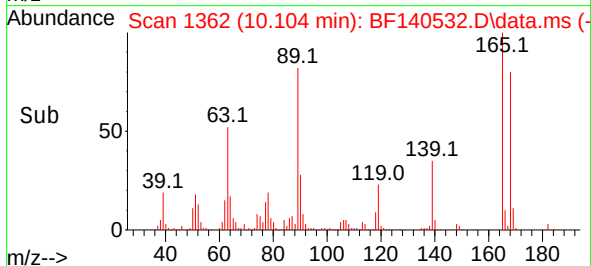
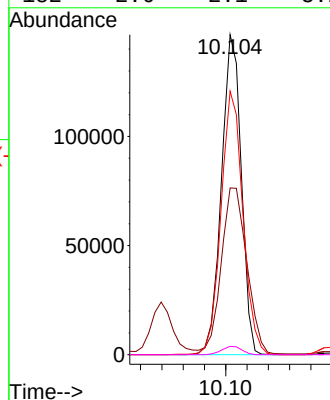
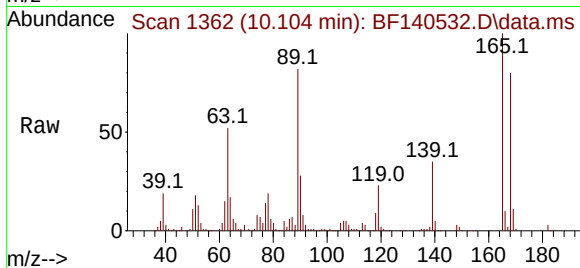




#57
2,4-Dinitrotoluene
Concen: 40.662 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

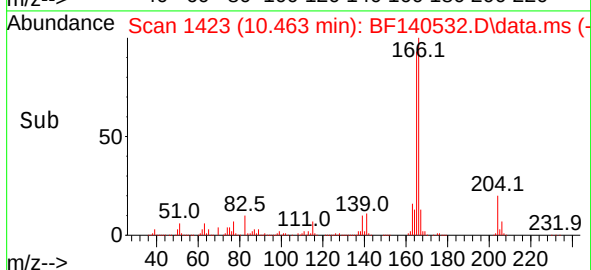
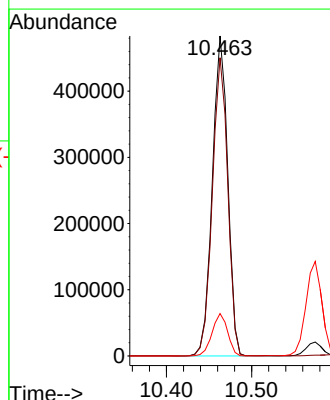
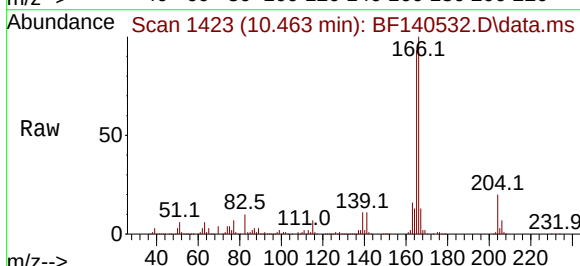
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

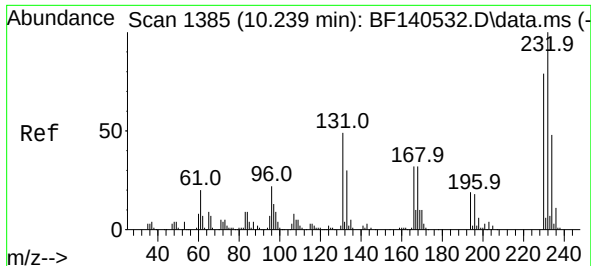
Tgt Ion:165 Resp: 189213
Ion Ratio Lower Upper
165 100
63 52.1 41.7 62.5
89 82.3 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.956 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:166 Resp: 607198
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.757 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 146383

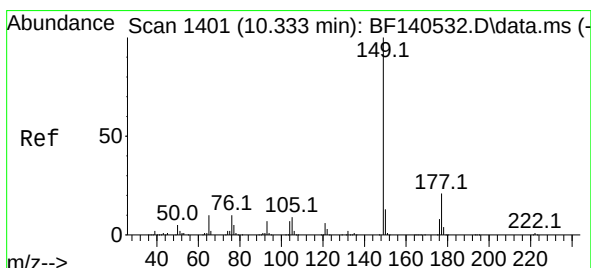
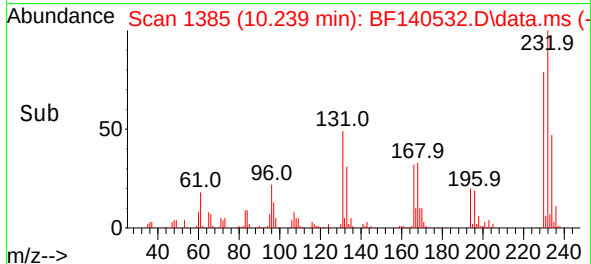
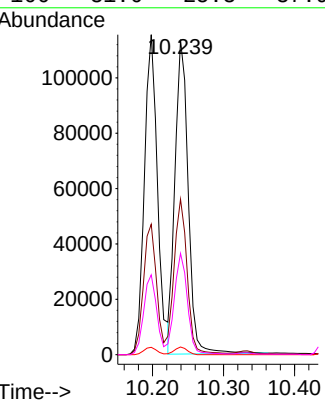
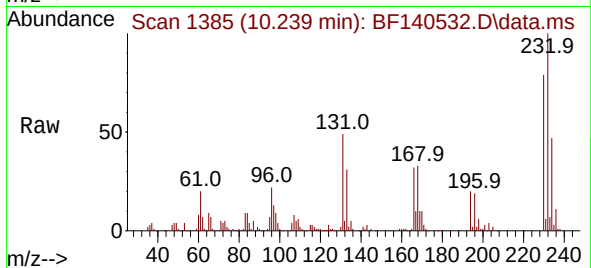
Ion Ratio Lower Upper

232 100

131 49.5 39.6 59.4

130 2.4 1.9 2.9

166 31.6 25.3 37.9



#60

Diethylphthalate

Concen: 39.176 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

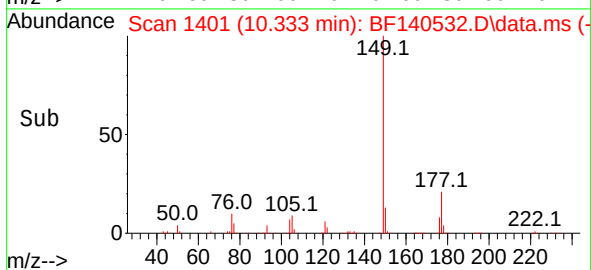
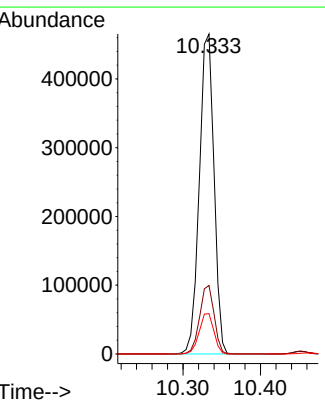
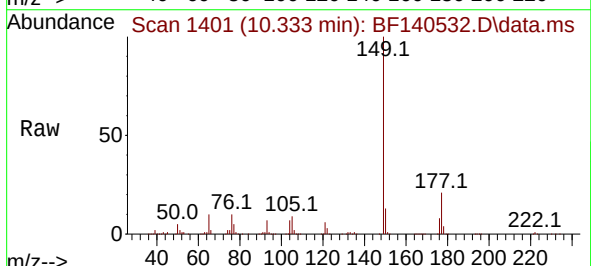
Tgt Ion:149 Resp: 614490

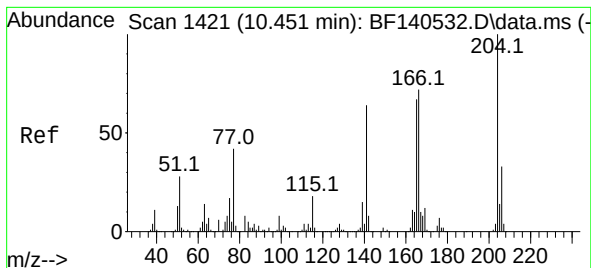
Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

150 12.6 10.1 15.1

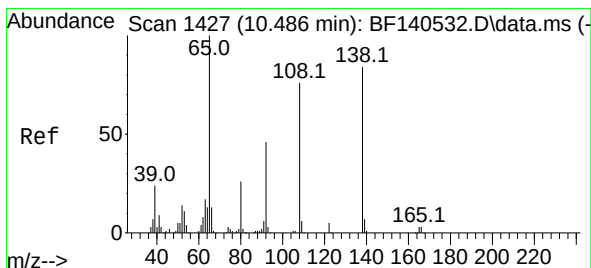
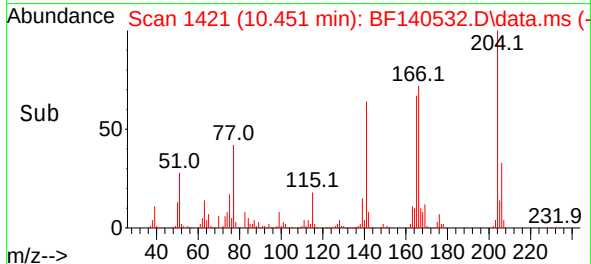
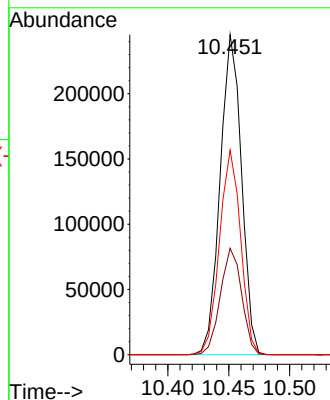
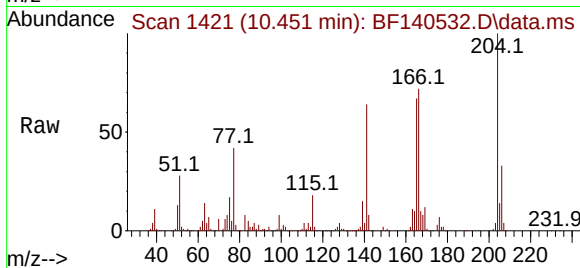




#61
4-Chlorophenyl-phenylether
Concen: 39.175 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

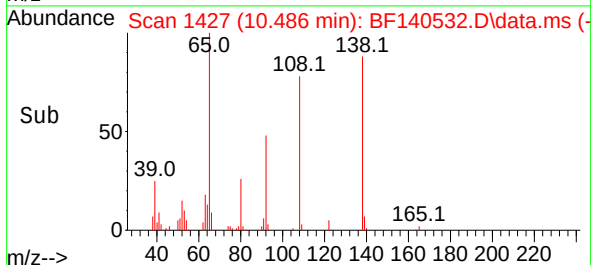
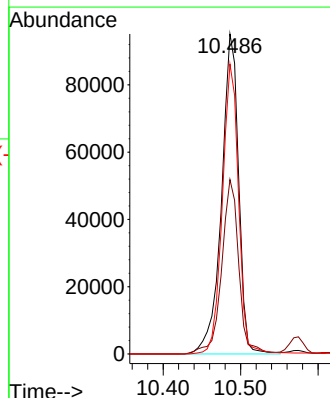
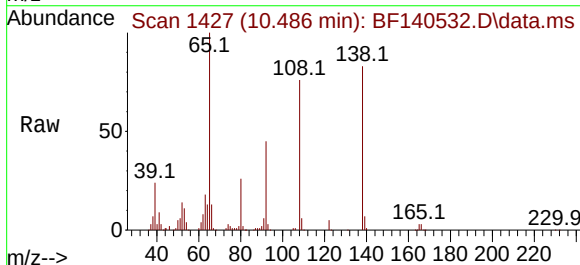
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

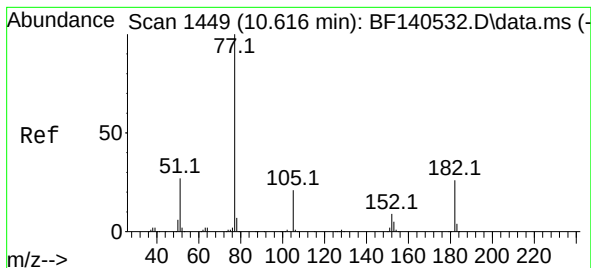
Tgt Ion:204 Resp: 299662
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.9 51.1 76.7



#62
4-Nitroaniline
Concen: 40.750 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:138 Resp: 146354
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 90.6 70.6 110.6





#63

Azobenzene

Concen: 38.983 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 579042

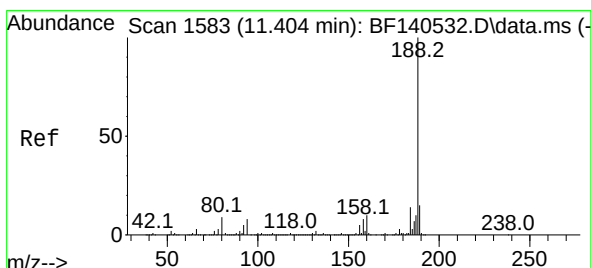
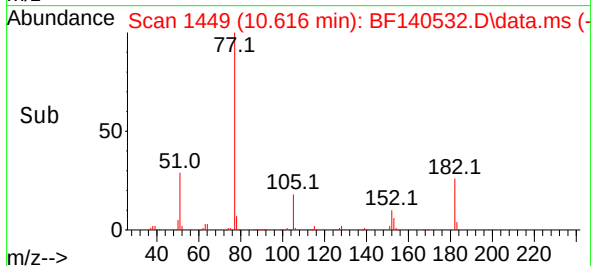
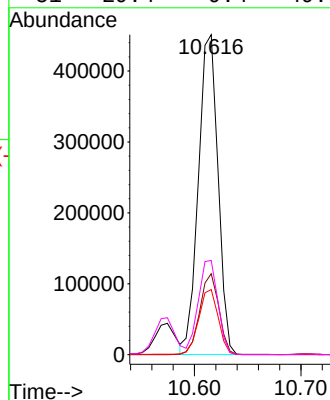
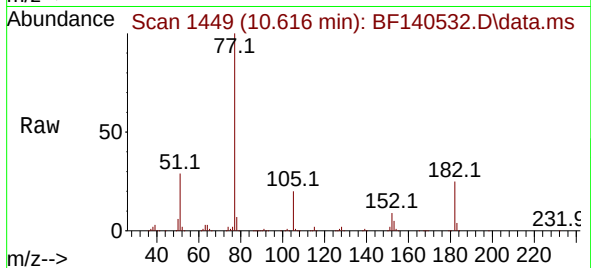
Ion Ratio Lower Upper

77 100

182 25.3 5.3 45.3

105 20.3 0.3 40.3

51 29.4 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

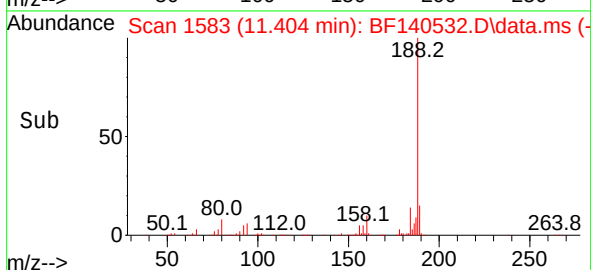
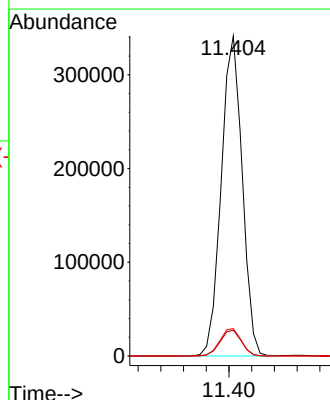
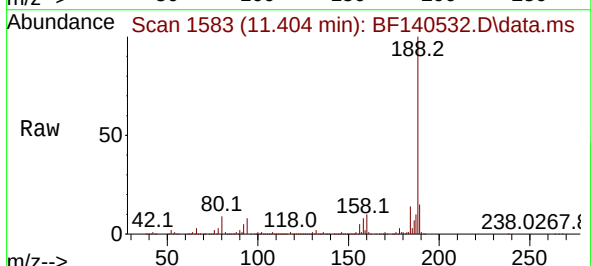
Tgt Ion:188 Resp: 437466

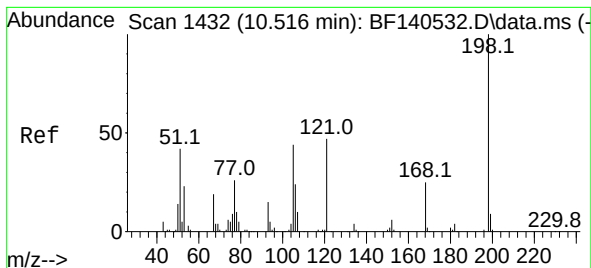
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.6 6.9 10.3

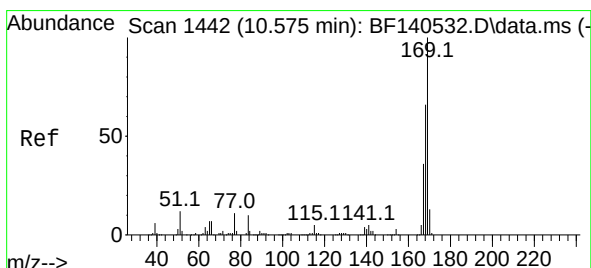
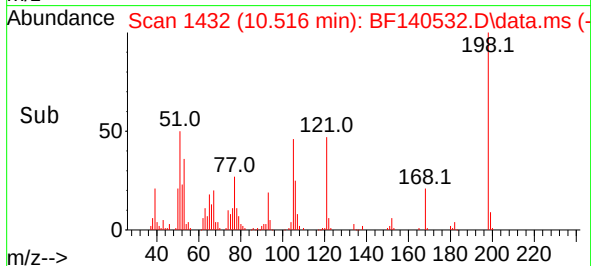
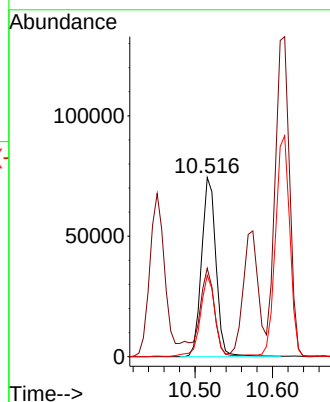
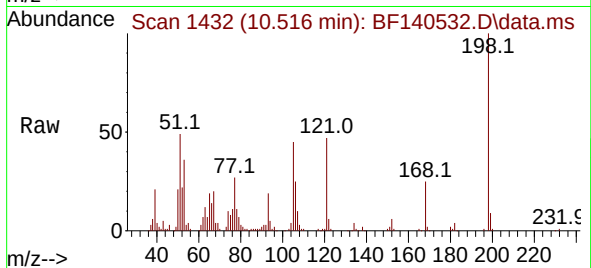




#65
4,6-Dinitro-2-methylphenol
Concen: 42.998 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

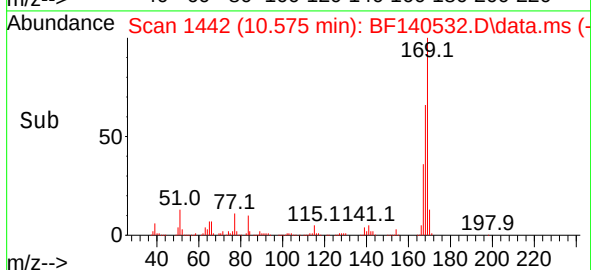
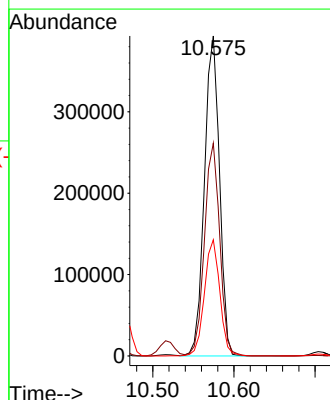
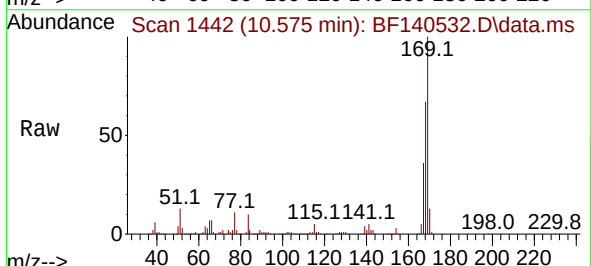
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

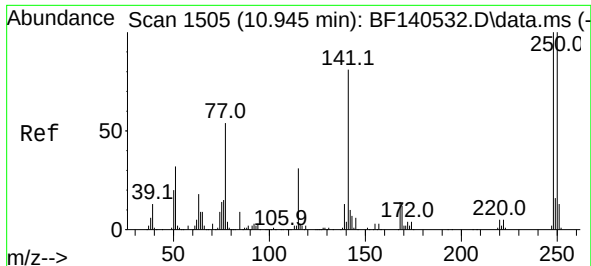
Tgt Ion:198 Resp: 96120
Ion Ratio Lower Upper
198 100
51 49.4 29.4 69.4
105 45.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 39.070 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:169 Resp: 505450
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.3 29.0 43.6

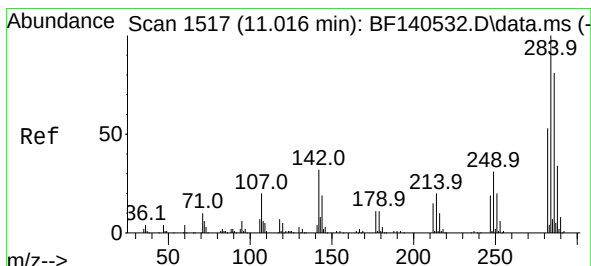
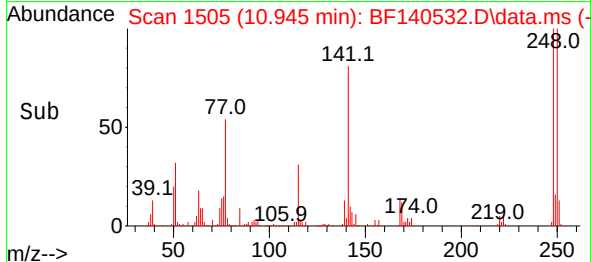
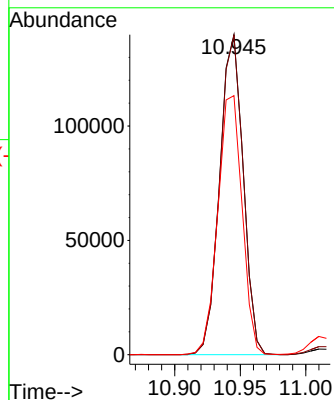
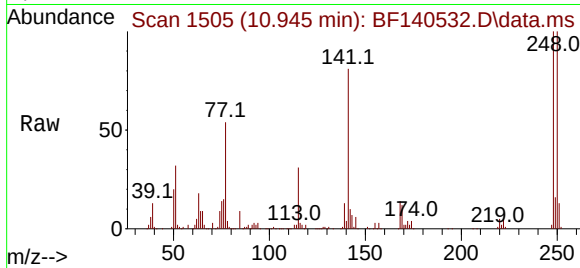




#67
4-Bromophenyl-phenylether
Concen: 38.787 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

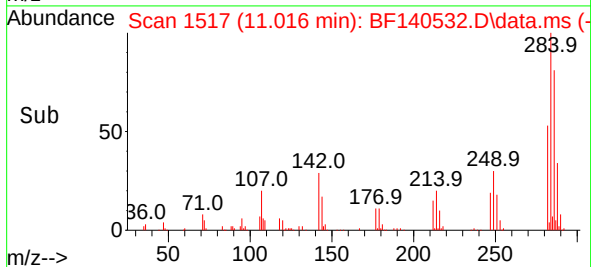
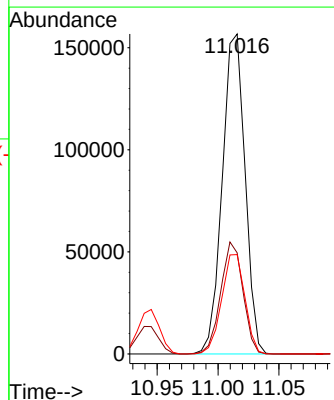
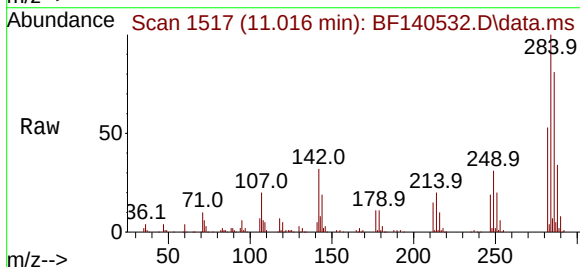
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

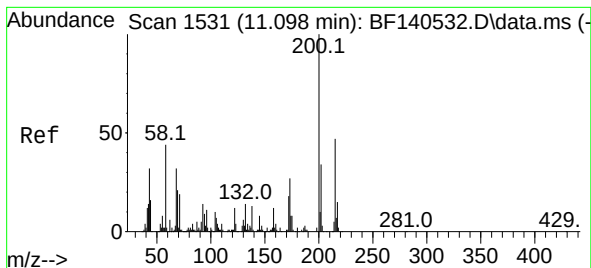
Tgt Ion:248 Resp: 174746
Ion Ratio Lower Upper
248 100
250 99.8 79.8 119.8
141 80.9 64.7 97.1



#68
Hexachlorobenzene
Concen: 39.129 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:284 Resp: 204123
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 33.635 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

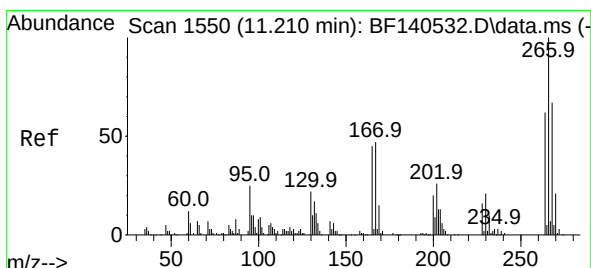
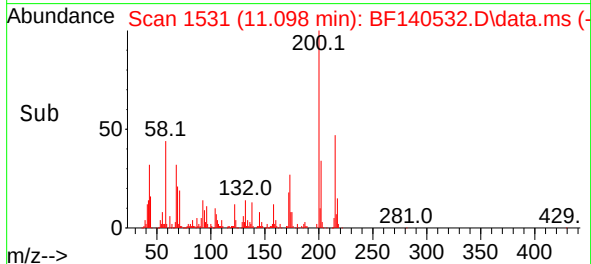
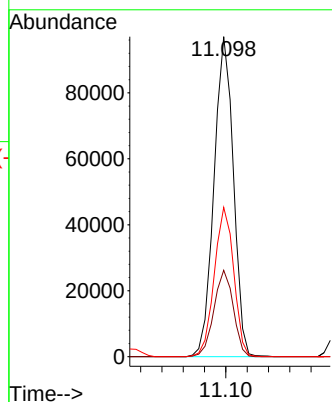
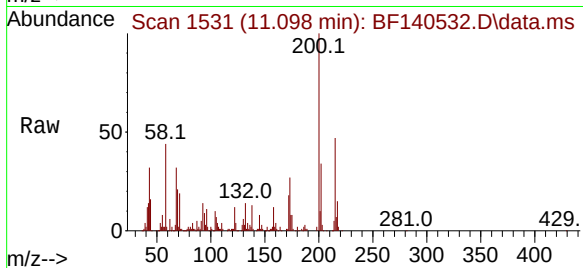
Tgt Ion:200 Resp: 122413

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 44.226 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

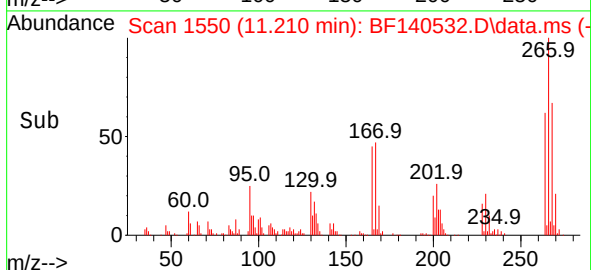
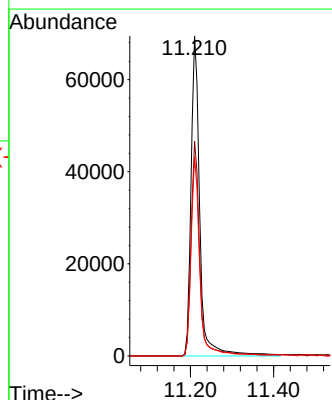
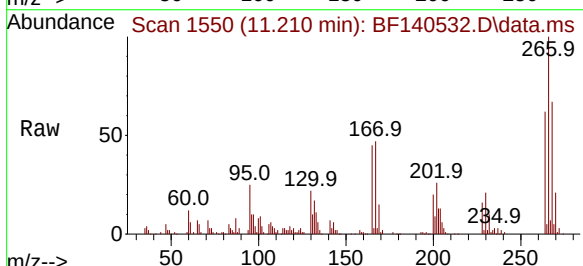
Tgt Ion:266 Resp: 101542

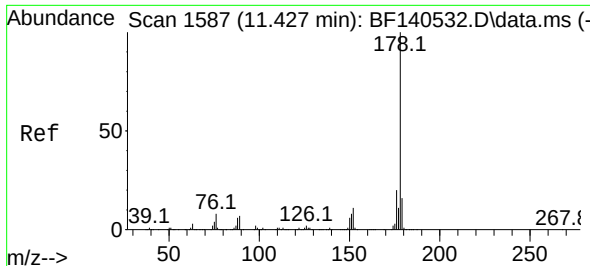
Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

264 62.3 49.8 74.8

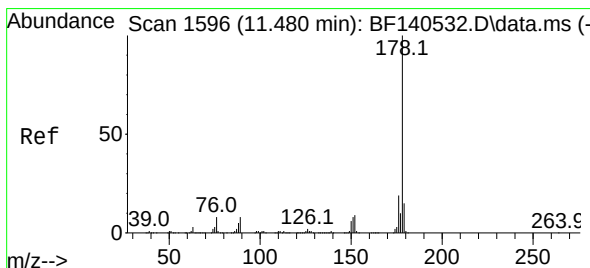
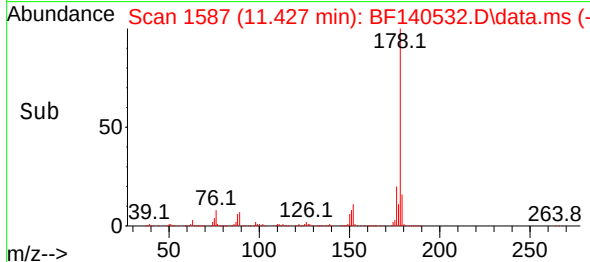
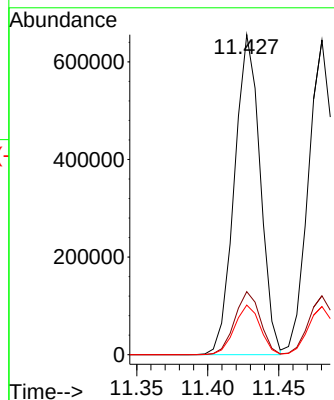
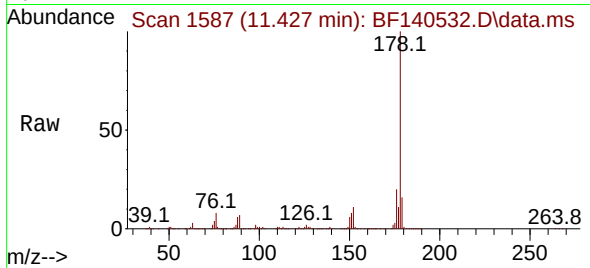




#71
Phenanthrene
Concen: 39.293 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

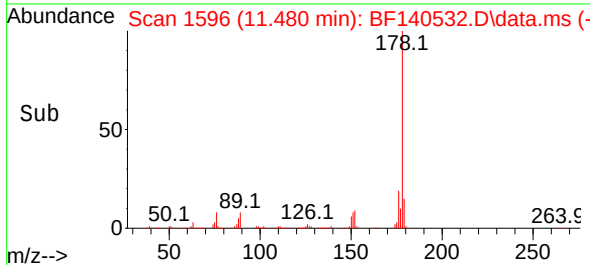
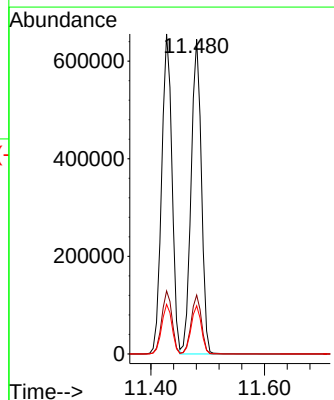
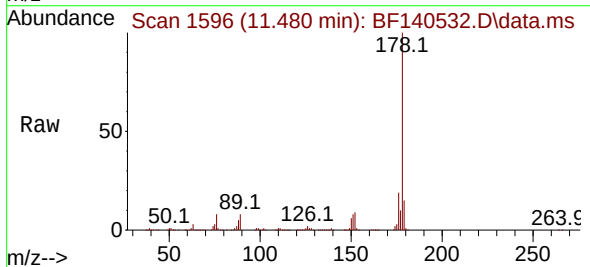
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

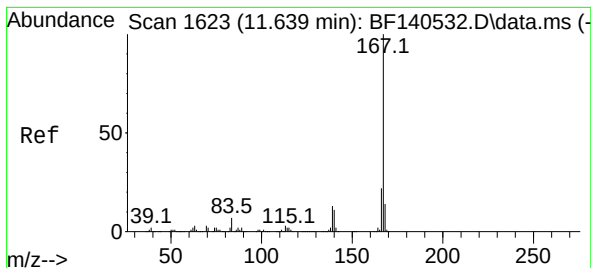
Tgt Ion:178 Resp: 826269
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 39.329 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:178 Resp: 808988
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 39.322 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

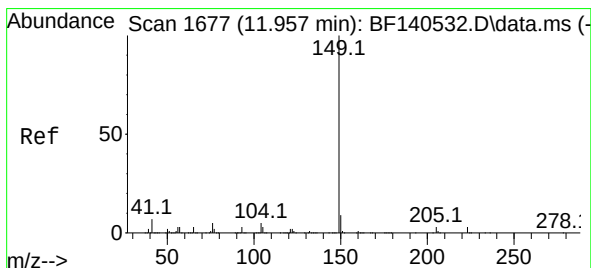
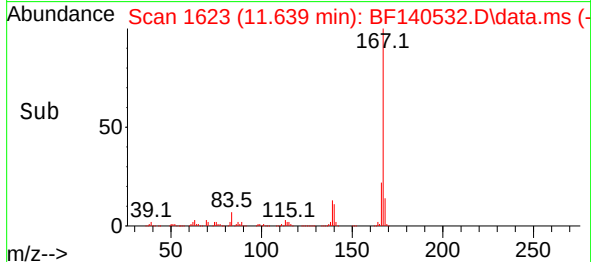
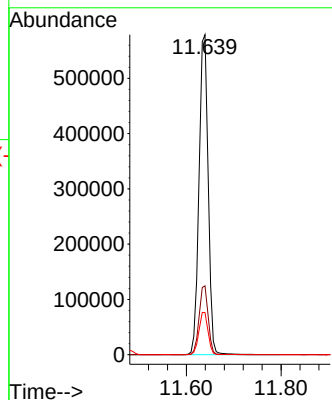
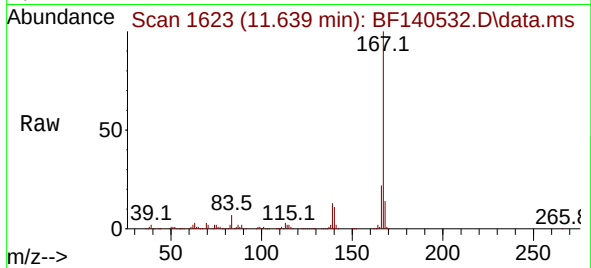
Tgt Ion:167 Resp: 778112

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 39.186 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

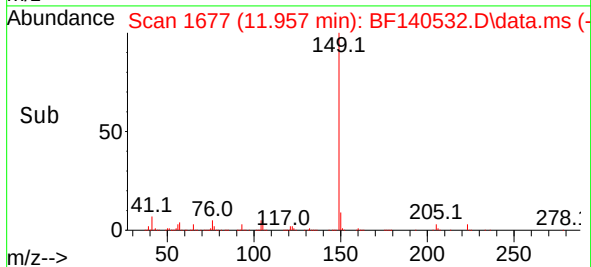
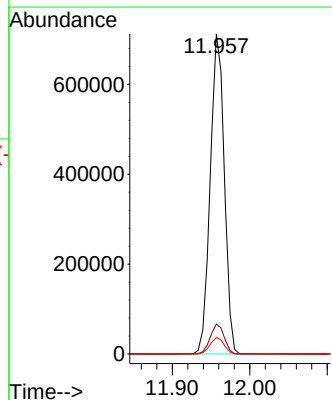
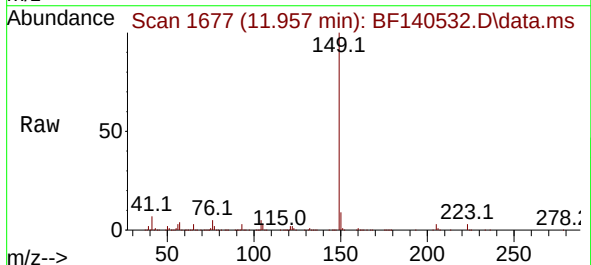
Tgt Ion:149 Resp: 895236

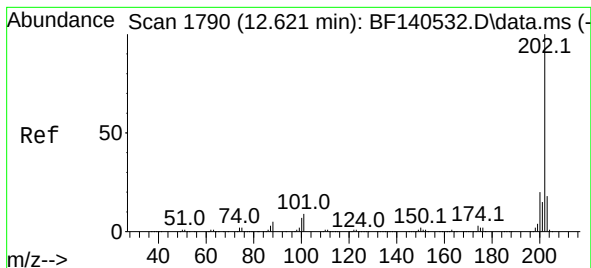
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 38.845 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

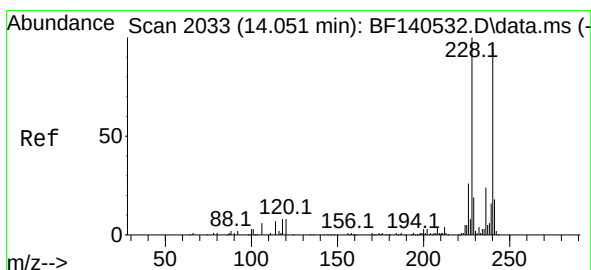
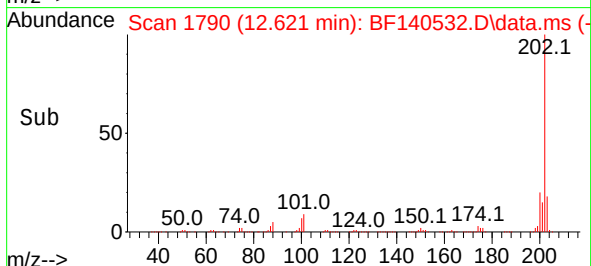
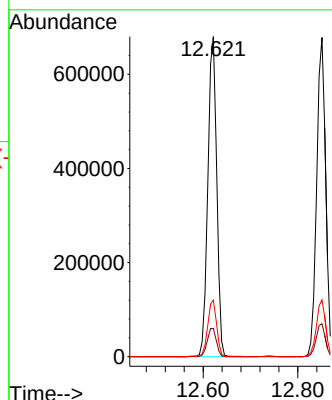
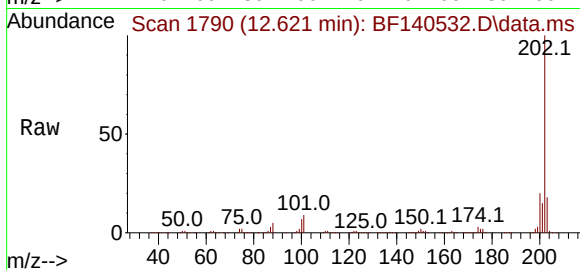
Tgt Ion:202 Resp: 886900

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

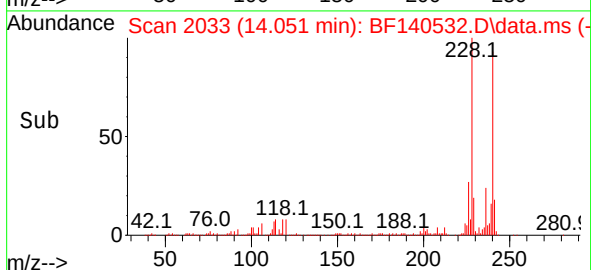
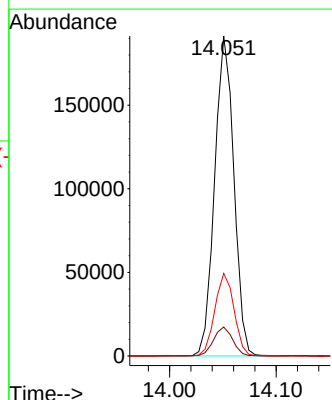
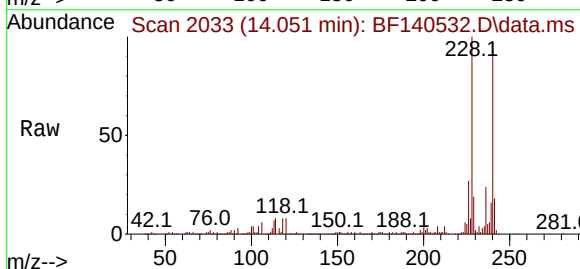
Tgt Ion:240 Resp: 239343

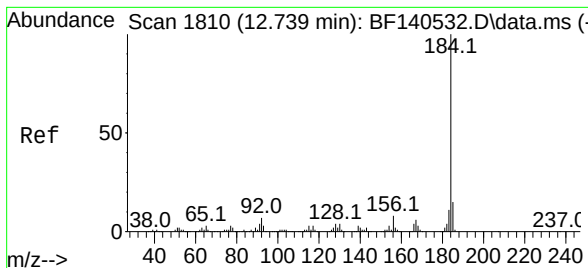
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.8 20.6 31.0





#77

Benzidine

Concen: 39.525 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

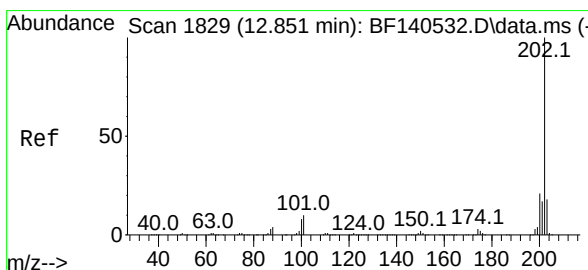
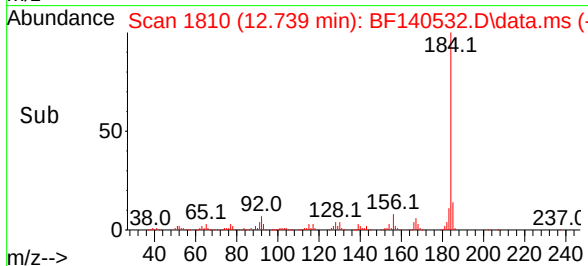
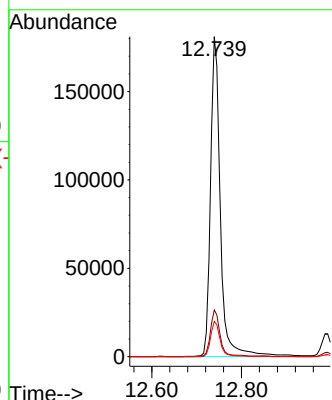
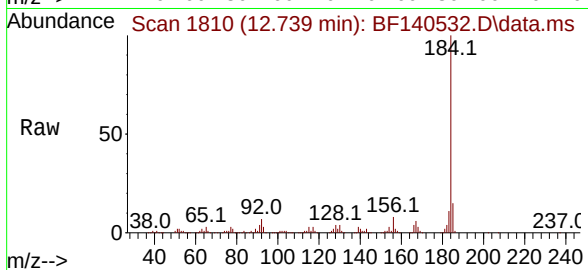
Tgt Ion:184 Resp: 275047

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 40.090 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

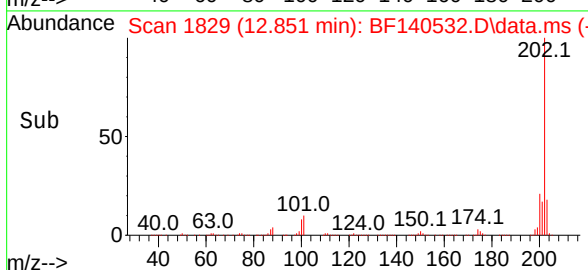
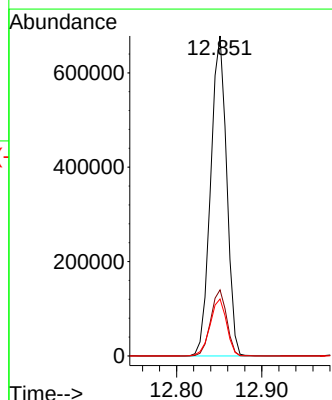
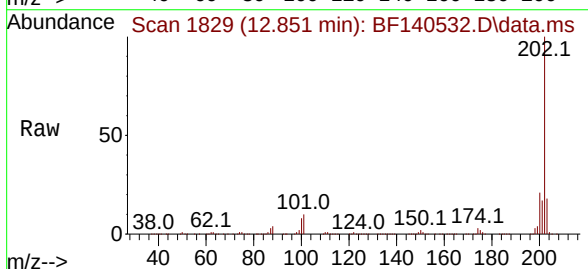
Tgt Ion:202 Resp: 887193

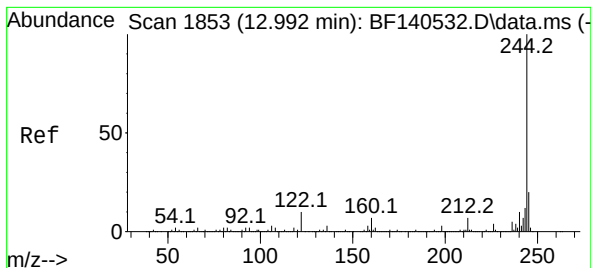
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 79.896 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

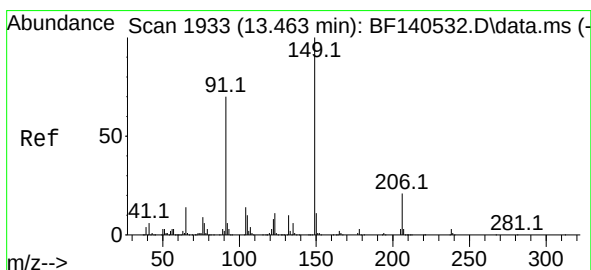
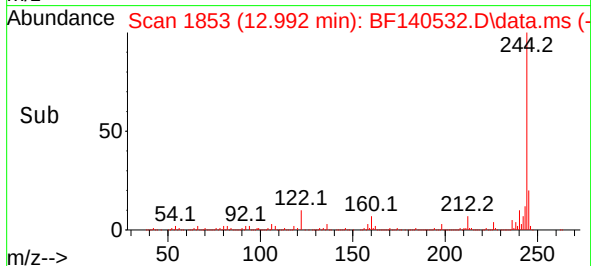
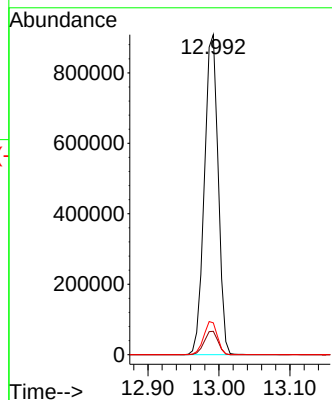
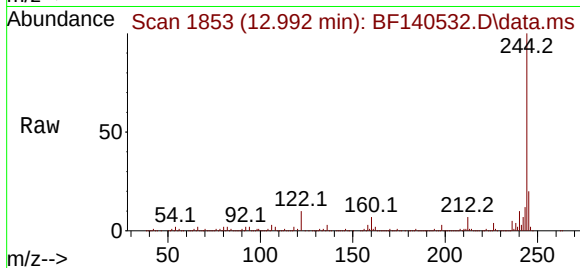
Tgt Ion:244 Resp: 1228064

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.751 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

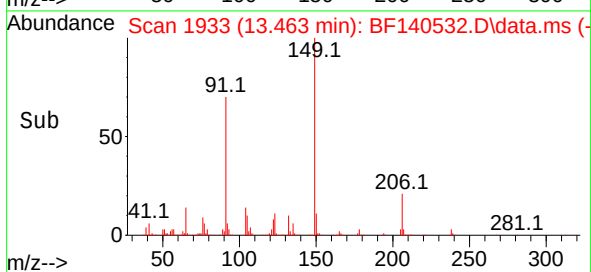
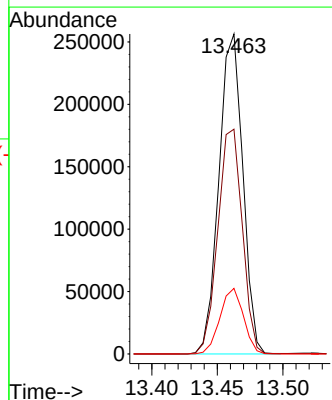
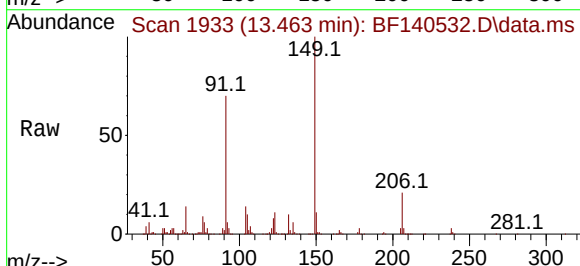
Tgt Ion:149 Resp: 324879

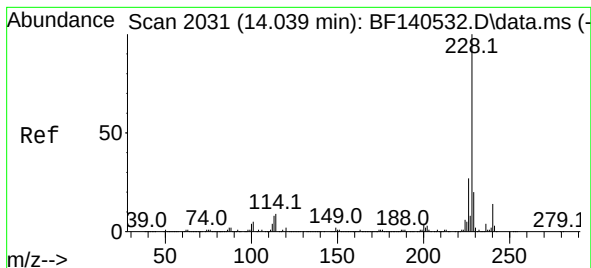
Ion Ratio Lower Upper

149 100

91 70.2 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.868 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

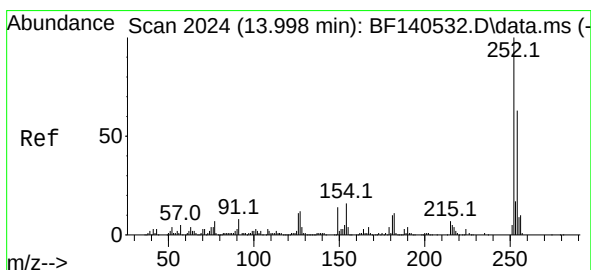
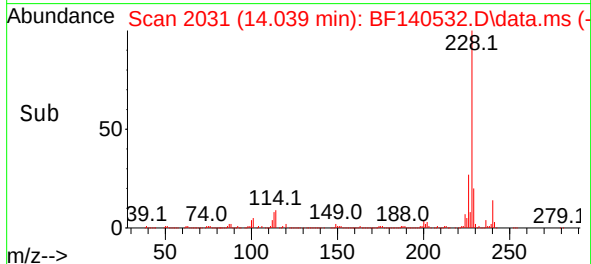
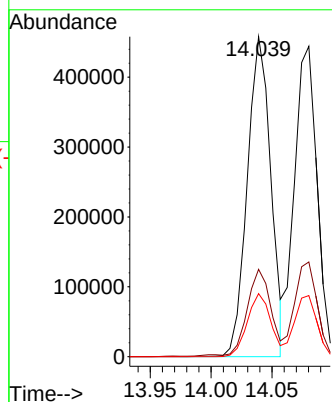
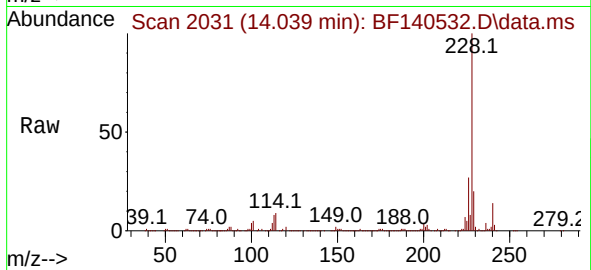
Tgt Ion:228 Resp: 615808

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.554 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

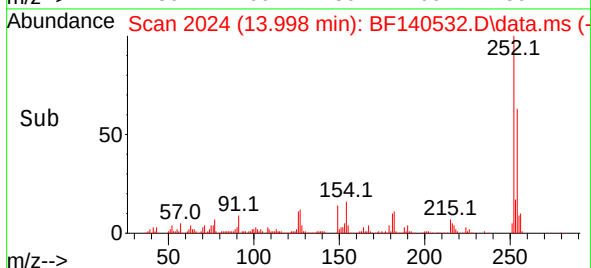
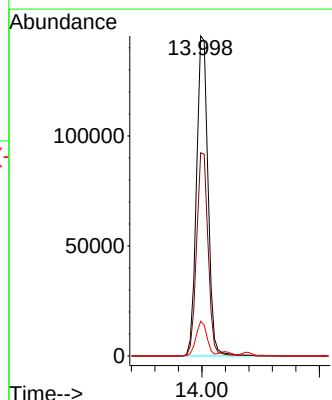
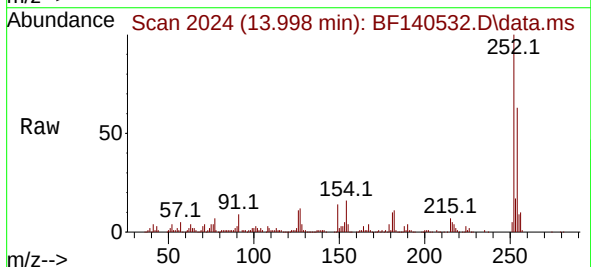
Tgt Ion:252 Resp: 197667

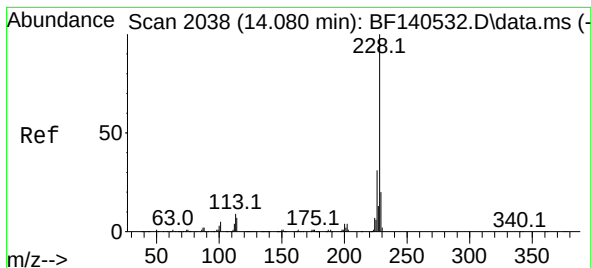
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 10.8 8.6 13.0





#83

Chrysene

Concen: 39.696 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

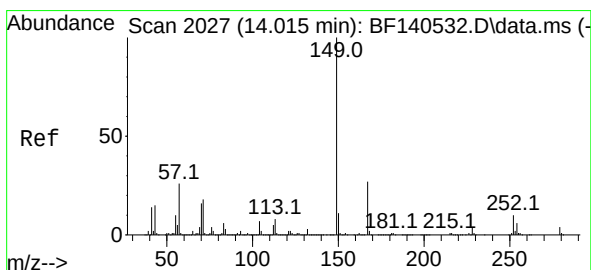
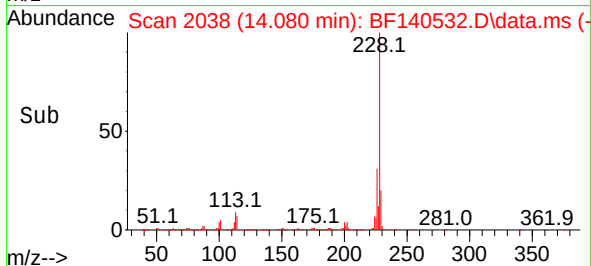
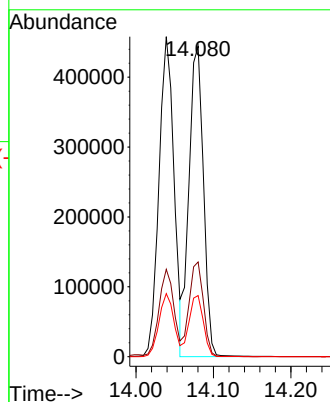
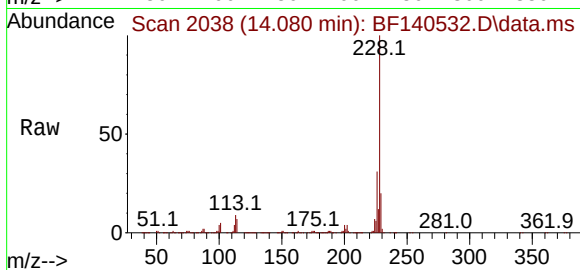
Tgt Ion:228 Resp: 575079

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.604 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

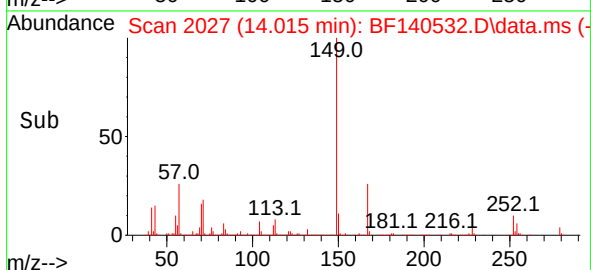
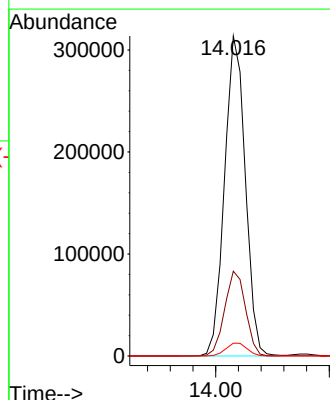
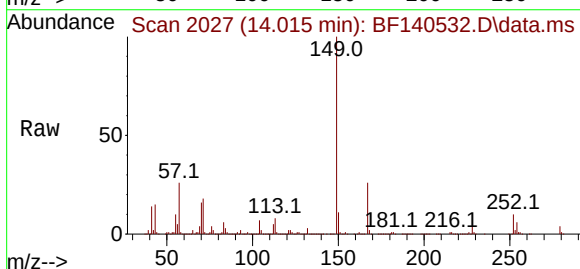
Tgt Ion:149 Resp: 398677

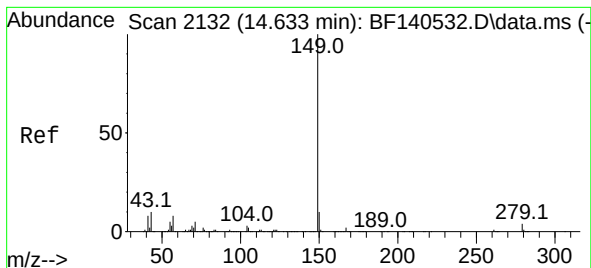
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.393 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

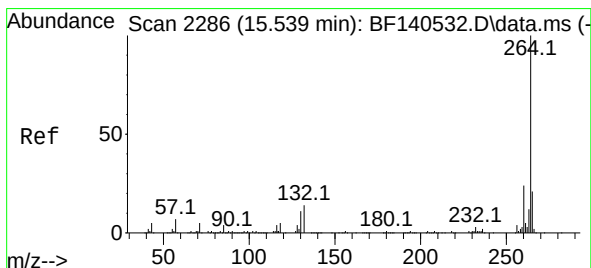
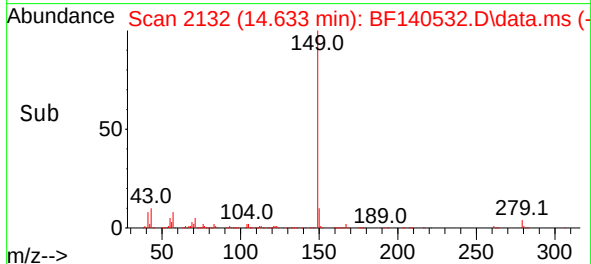
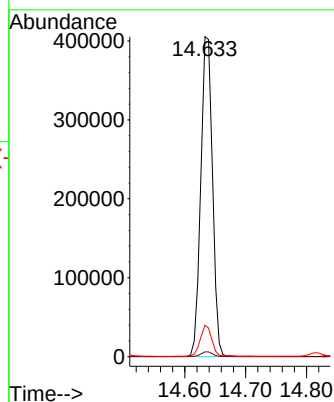
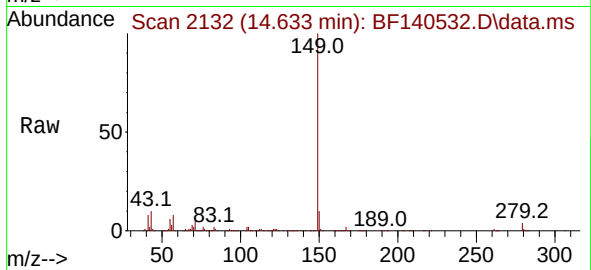
Tgt Ion:149 Resp: 541933

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

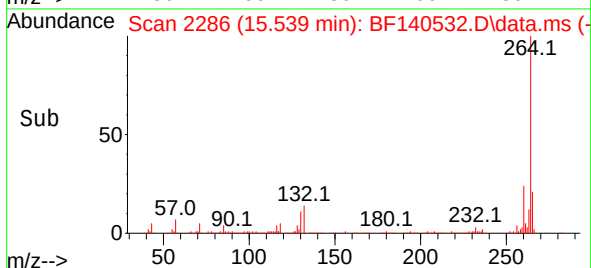
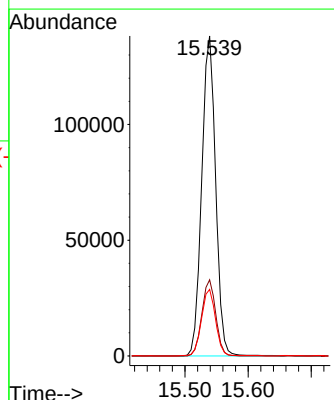
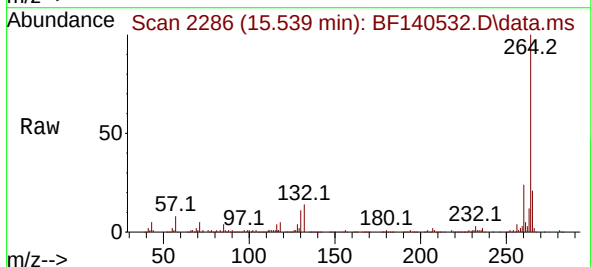
Tgt Ion:264 Resp: 211422

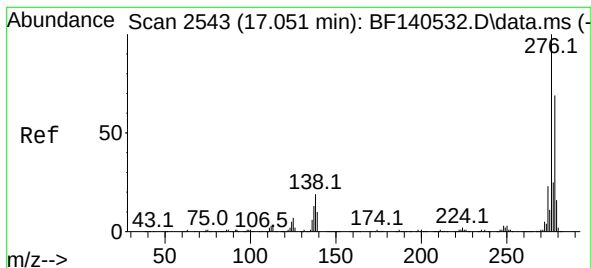
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.034 ng

RT: 17.051 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

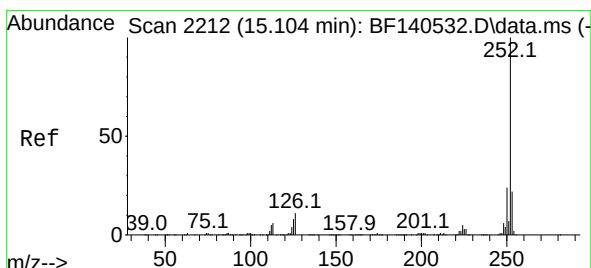
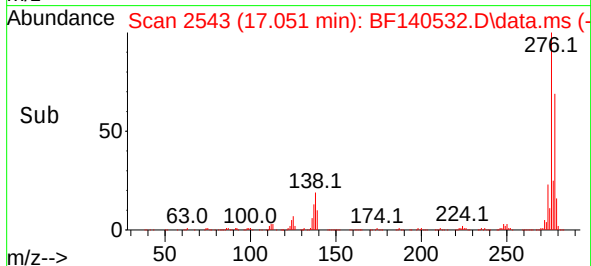
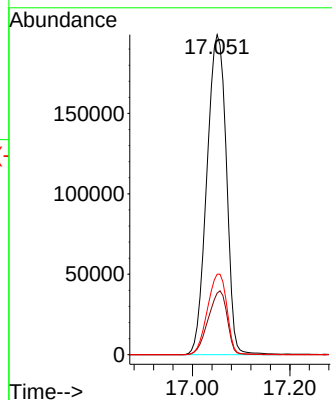
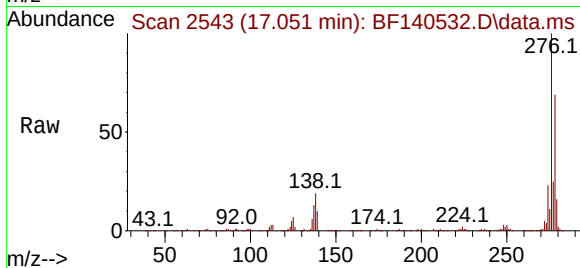
Tgt Ion:276 Resp: 551596

Ion Ratio Lower Upper

276 100

138 19.4 15.5 23.3

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.772 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

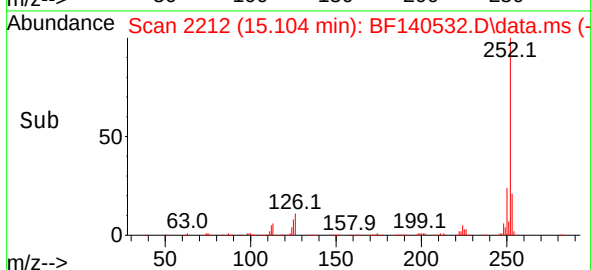
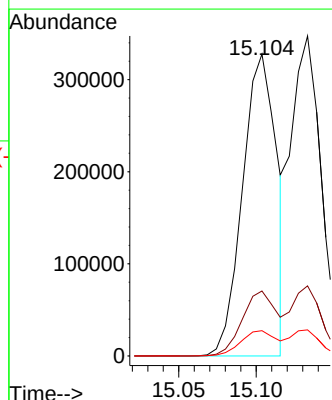
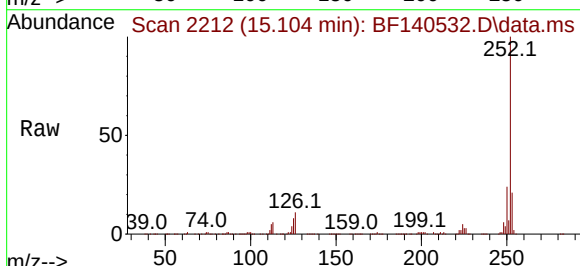
Tgt Ion:252 Resp: 501607

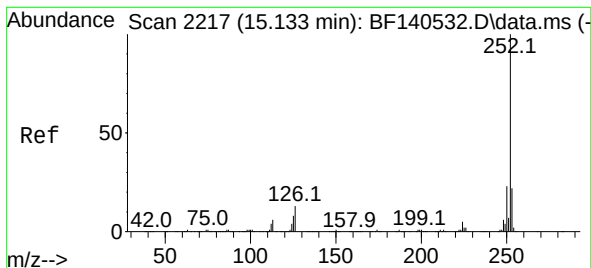
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.067 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

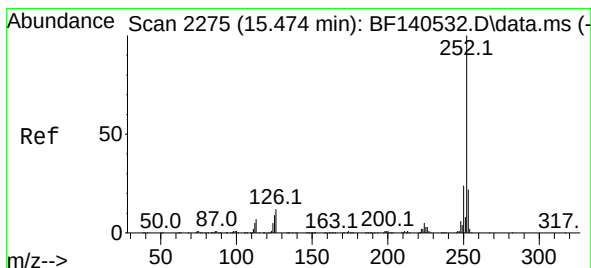
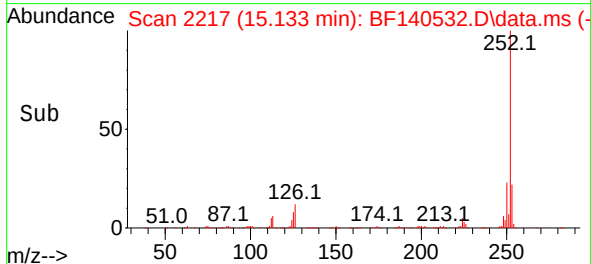
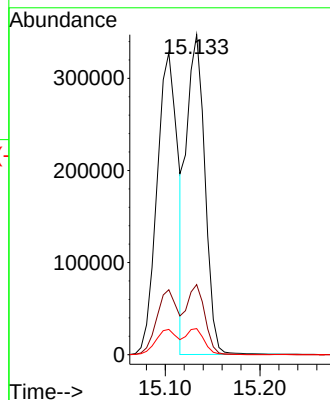
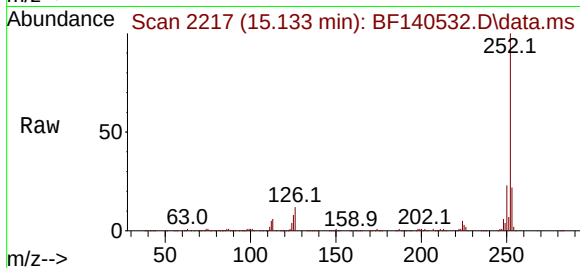
Tgt Ion:252 Resp: 465620

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 39.444 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

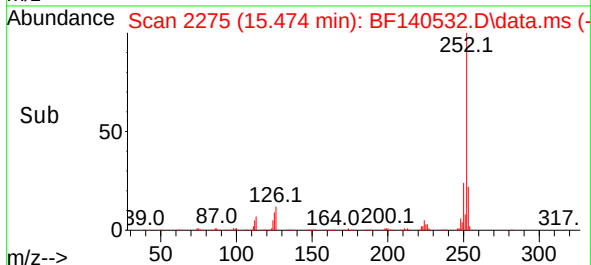
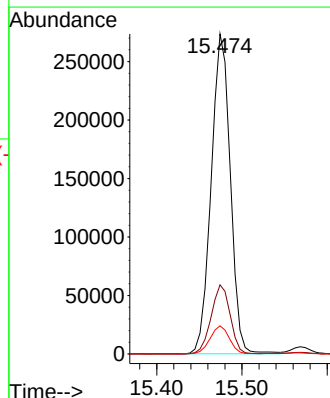
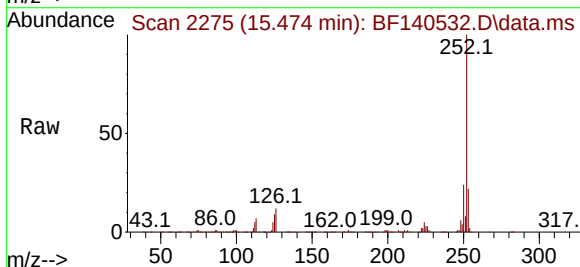
Tgt Ion:252 Resp: 425894

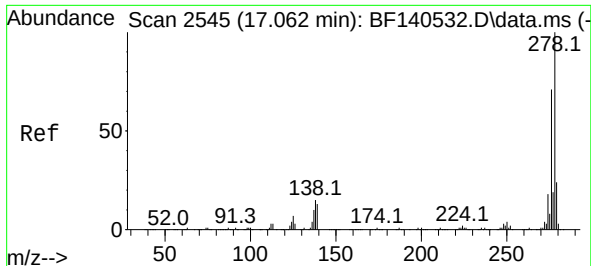
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.8 7.0 10.6

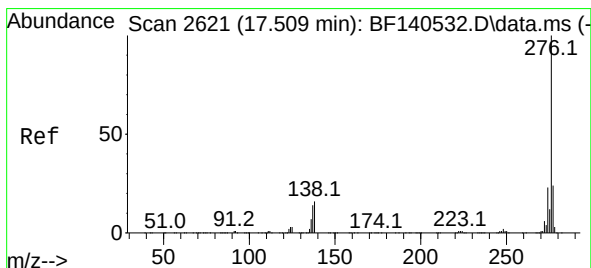
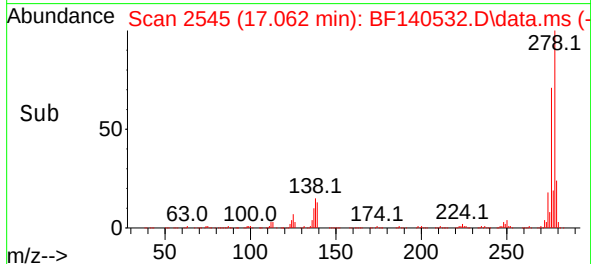
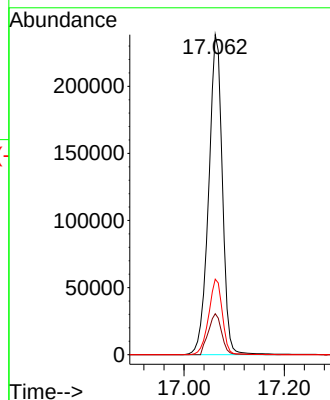
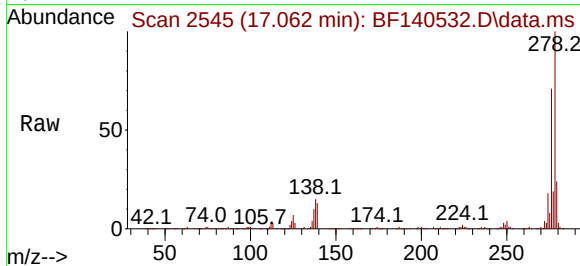




#91
Dibenzo(a,h)anthracene
Concen: 40.022 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 451597
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 39.861 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:276 Resp: 458972
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.5 13.2 19.8

