

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140582.D
 Acq On : 22 Nov 2024 17:16
 Operator : RC/JU
 Sample : P4949-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAINMENT-STONE

Quant Time: Nov 22 22:16:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

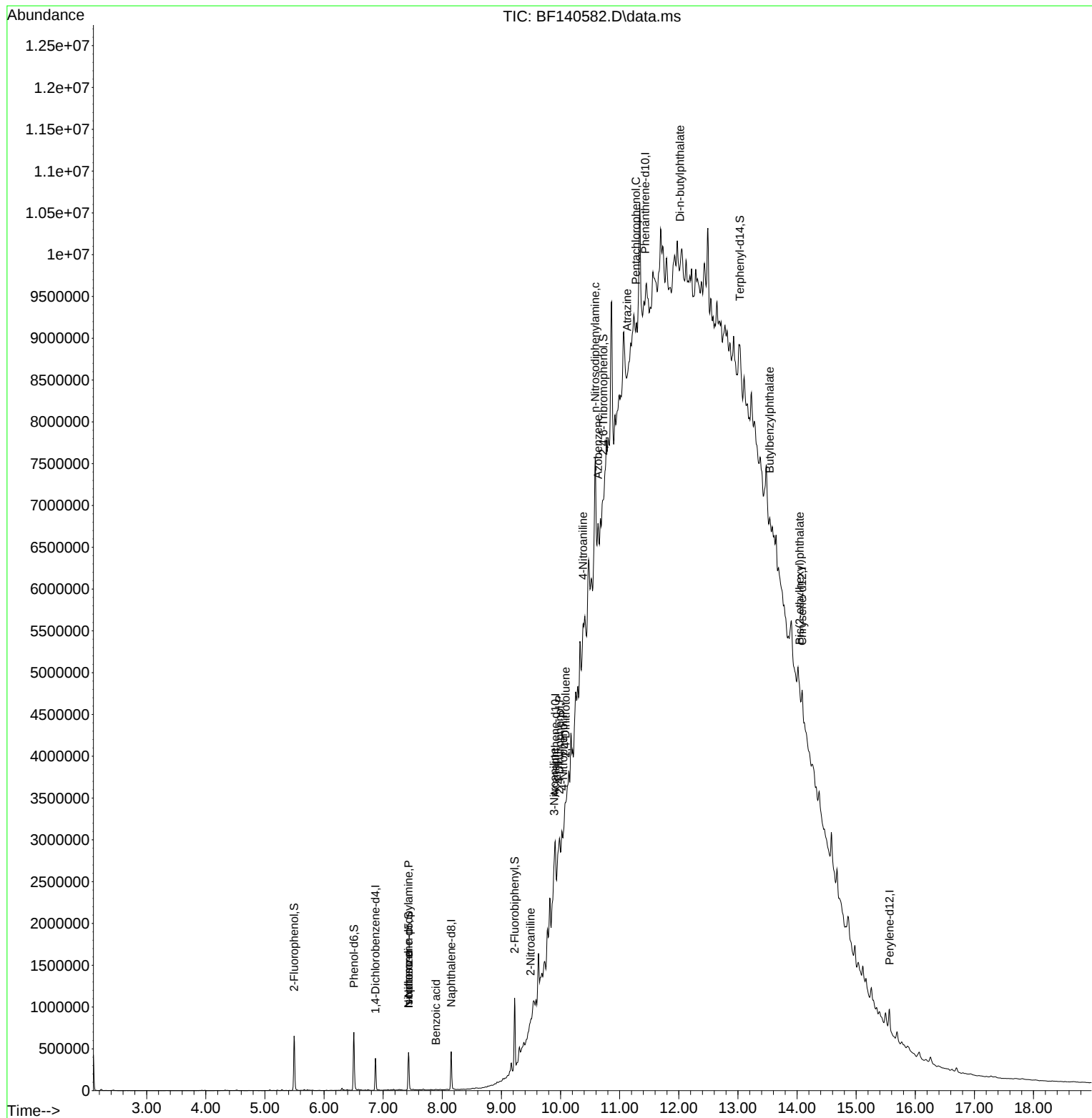
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79258	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	284824	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115116	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	139197	20.000	ng	# 0.03
76) Chrysene-d12	14.086	240	139671	20.000	ng	# 0.04
86) Perylene-d12	15.563	264	121597	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	250332	53.890	ng	0.00
7) Phenol-d6	6.504	99	318377	51.843	ng	-0.01
23) Nitrobenzene-d5	7.428	82	202691	36.400	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	66118	53.703	ng	0.02
45) 2-Fluorobiphenyl	9.222	172	370302	47.928	ng	-0.01
79) Terphenyl-d14	13.033	244	257886	28.751	ng	0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	28579	7.874	ng	# 77
25) Isophorone	7.428	82	197508	21.266	ng	# 66
32) Benzoic acid	7.893	122	1228	7.585	ng	# 83
48) 2-Nitroaniline	9.492	65	6373	3.049	ng	# 62
53) 3-Nitroaniline	9.892	138	12818	7.622	ng	# 22
54) 2,4-Dinitrophenol	9.981	184	440	8.269	ng	# 1
56) 4-Nitrophenol	10.045	139	8774	7.650	ng	# 1
57) 2,4-Dinitrotoluene	10.086	165	9350	4.092	ng	# 31
62) 4-Nitroaniline	10.381	138	12385	7.022	ng	# 88
63) Azobenzene	10.634	77	38982	5.344	ng	# 40
66) n-Nitrosodiphenylamine	10.586	169	23771	5.775	ng	# 80
69) Atrazine	11.128	200	2393	2.066	ng	# 1
70) Pentachlorophenol	11.275	266	7184	9.834	ng	# 1
74) Di-n-butylphthalate	12.022	149	58229	8.010	ng	# 29
80) Butylbenzylphthalate	13.539	149	11202	2.408	ng	# 58
84) Bis(2-ethylhexyl)phtha...	14.045	149	91648	15.601	ng	# 88

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

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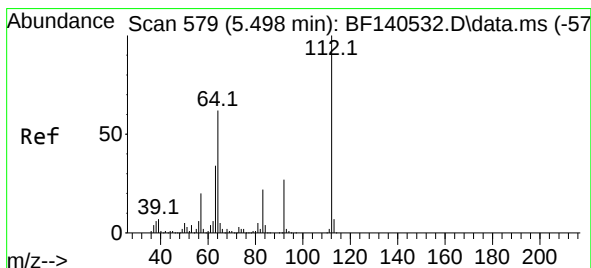
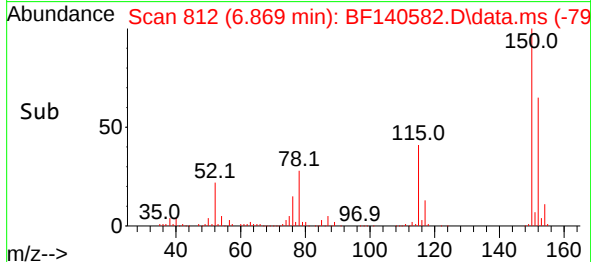
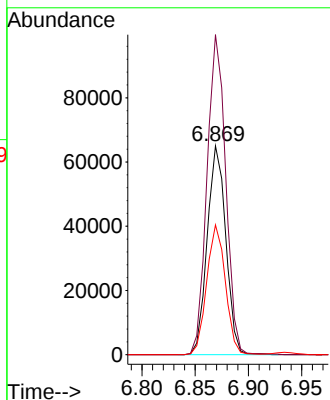
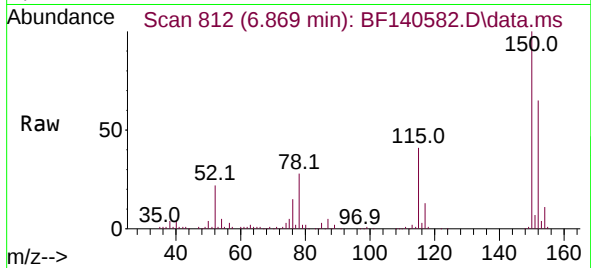




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

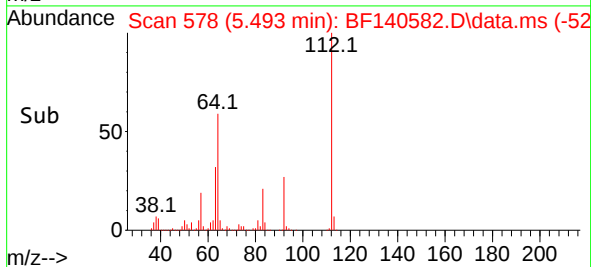
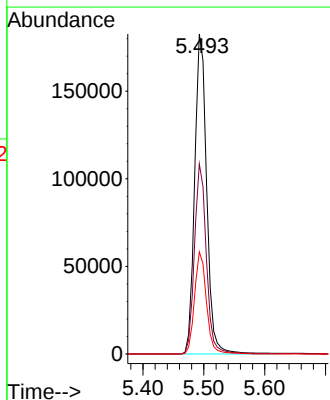
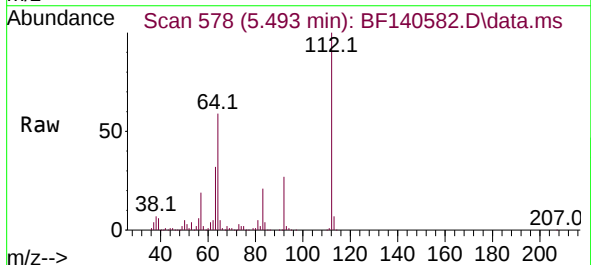
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

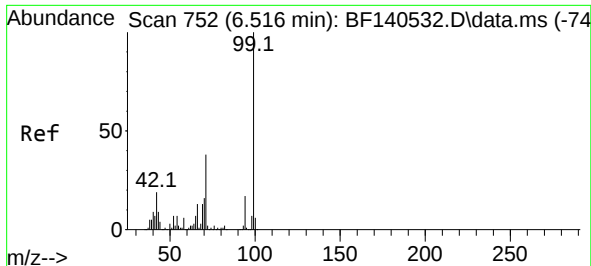
Tgt Ion:152 Resp: 79258
Ion Ratio Lower Upper
152 100
150 153.3 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 53.890 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:112 Resp: 250332
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.9 27.0 40.4

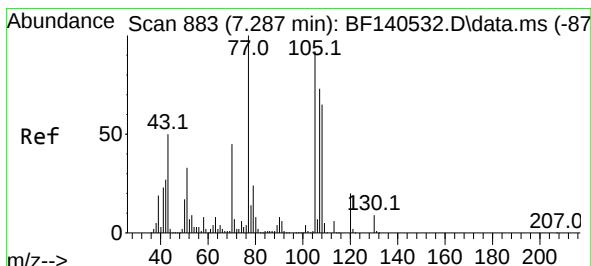
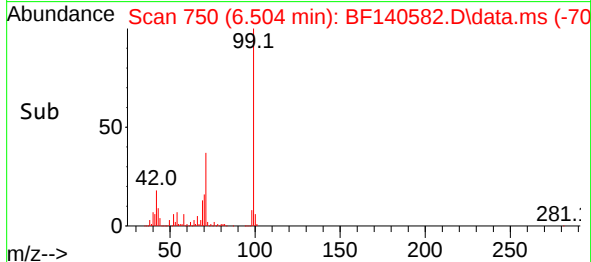
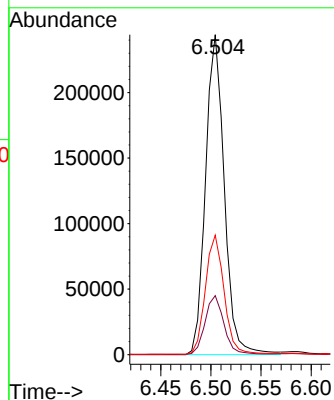
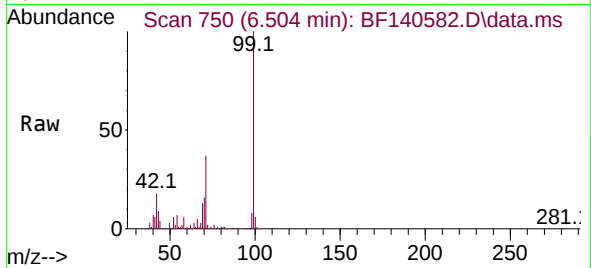




#7
Phenol-d6
Concen: 51.843 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

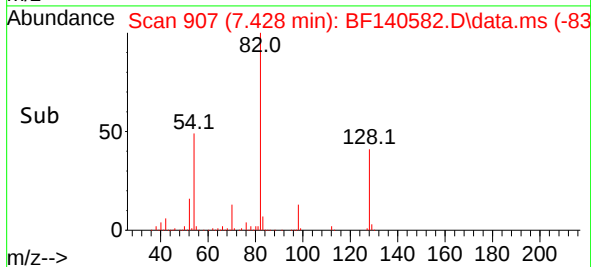
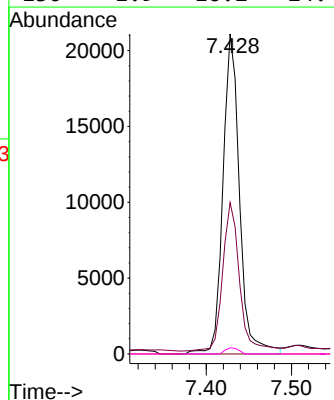
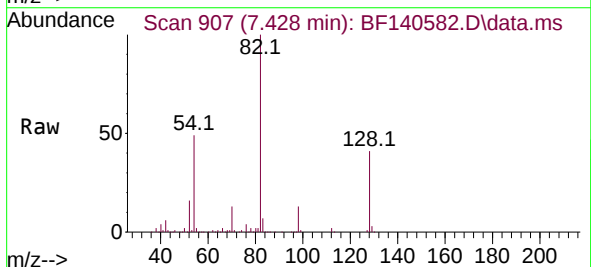
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

Tgt Ion: 99 Resp: 318377
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.874 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 70 Resp: 28579
Ion Ratio Lower Upper
70 100
42 47.3 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

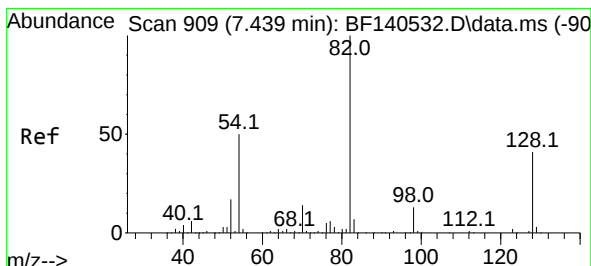
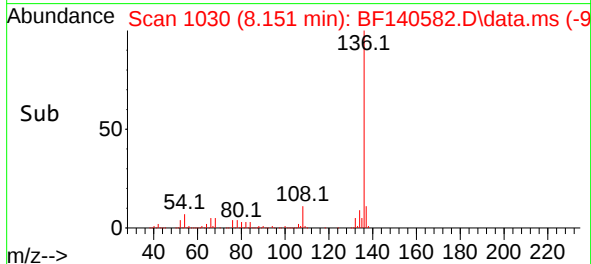
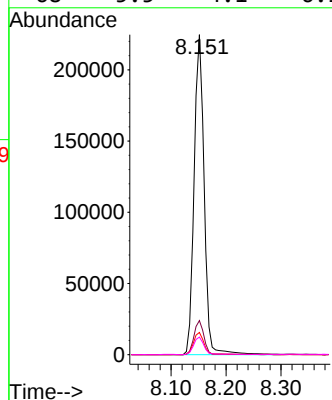
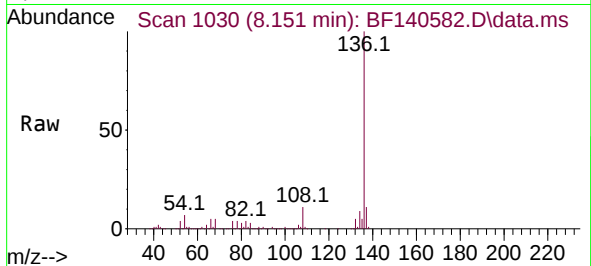




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

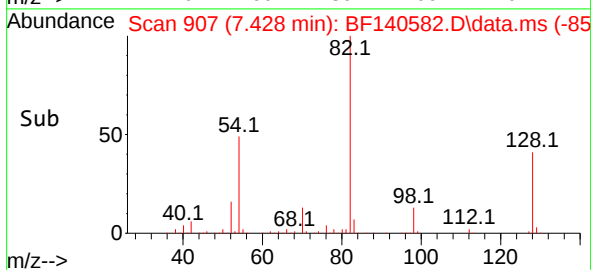
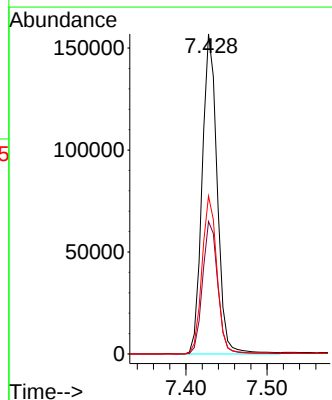
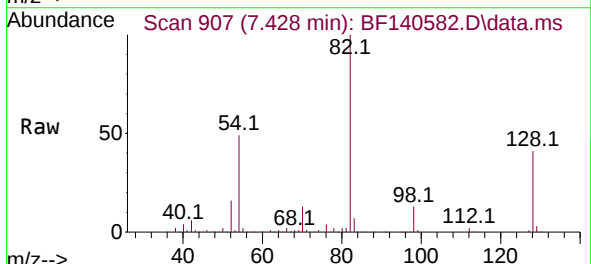
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

Tgt Ion:	136	Resp:	284824
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.0	5.8	8.8
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 36.400 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:	82	Resp:	202691
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	49.4	39.5	59.3

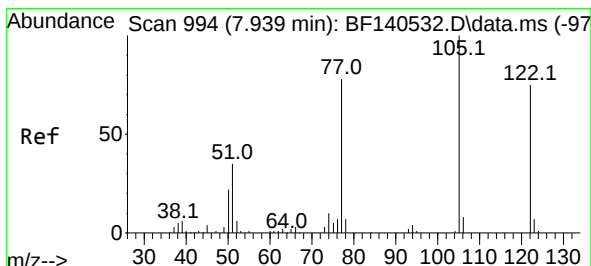
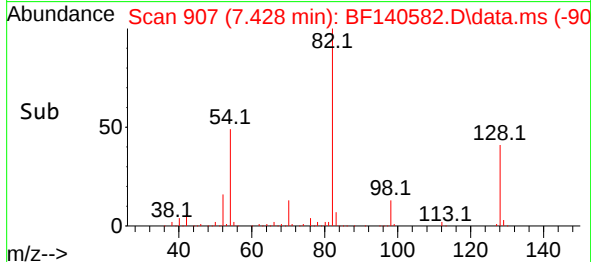
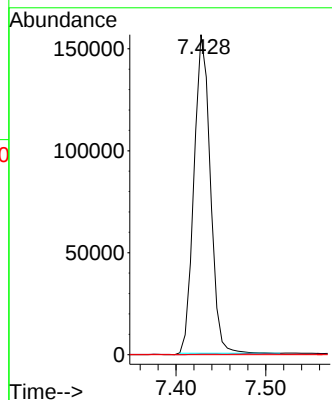
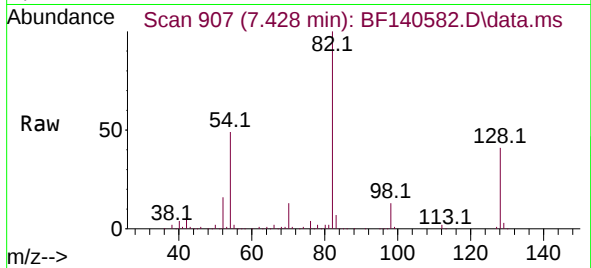




#25
Isophorone
Concen: 21.266 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

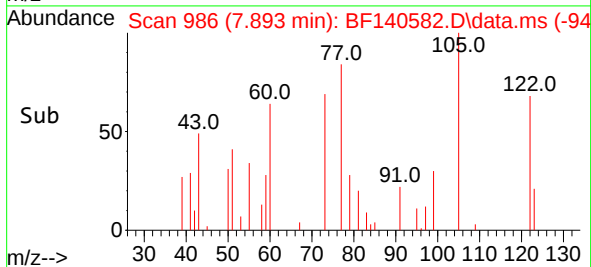
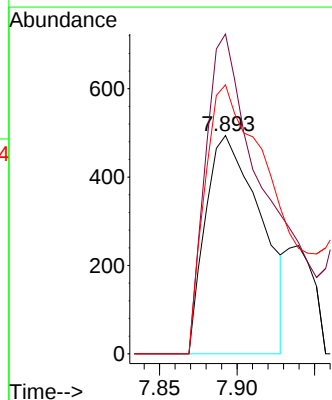
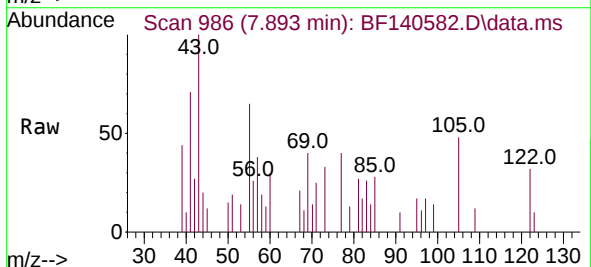
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

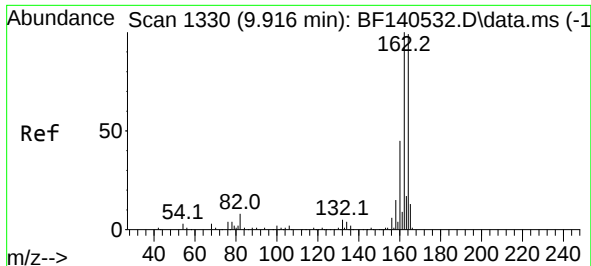
Tgt Ion: 82 Resp: 197508
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.585 ng
RT: 7.893 min Scan# 986
Delta R.T. -0.046 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:122 Resp: 1228
Ion Ratio Lower Upper
122 100
105 146.6 109.3 149.3
77 123.3 82.3 122.3#

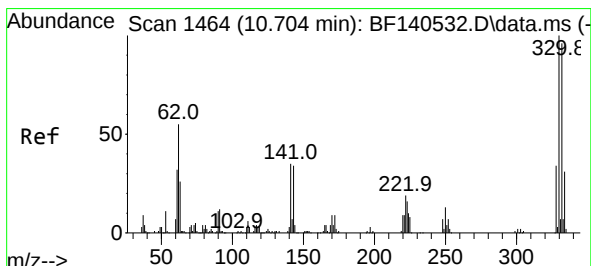
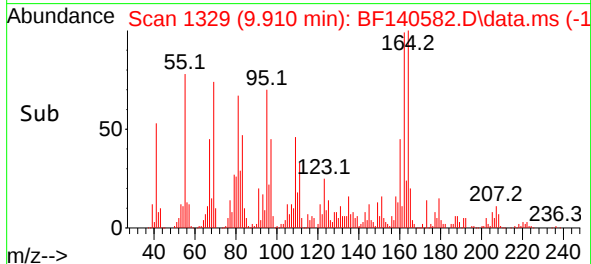
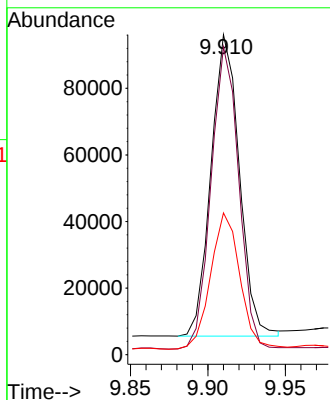
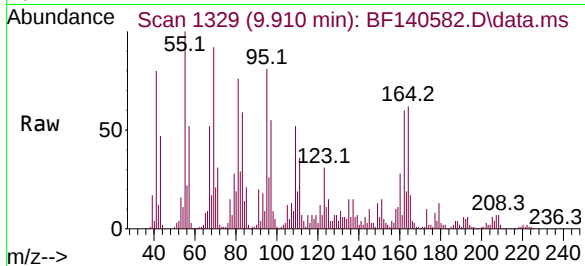




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

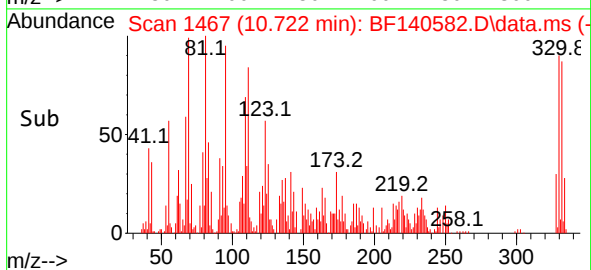
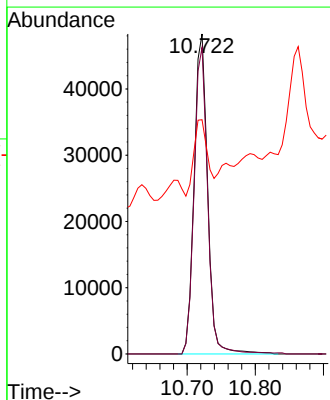
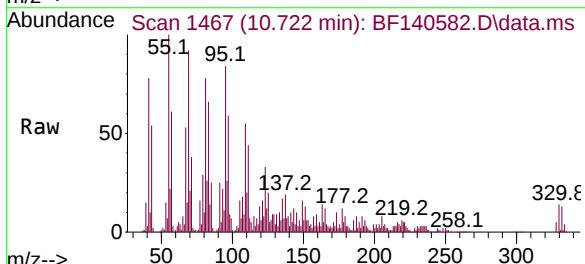
Instrument :
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ClientSampleId :
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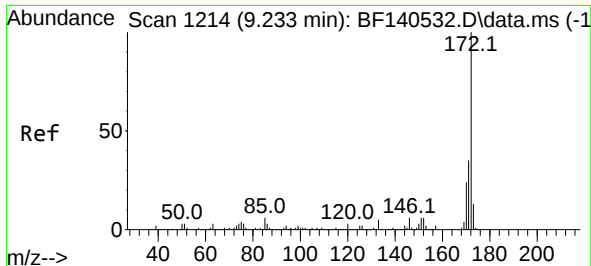
Tgt Ion:164 Resp: 115116
Ion Ratio Lower Upper
164 100
162 96.2 80.6 120.8
160 44.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 53.703 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.018 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:330 Resp: 66118
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 24.6 26.7 40.1#

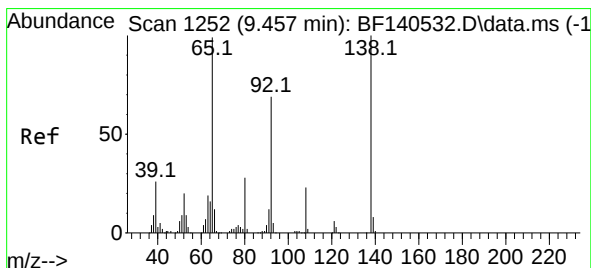
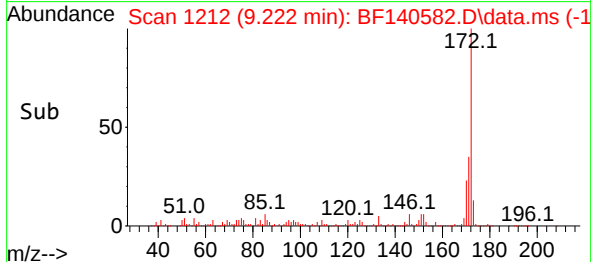
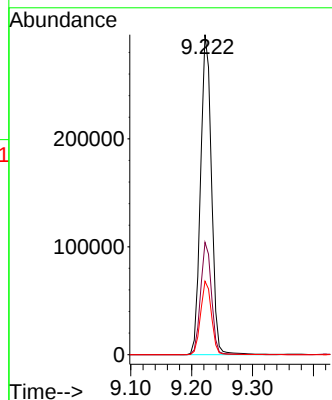
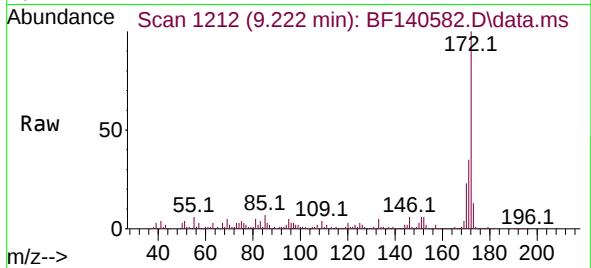




#45
2-Fluorobiphenyl
Concen: 47.928 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

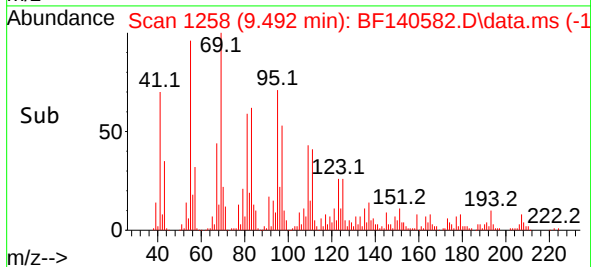
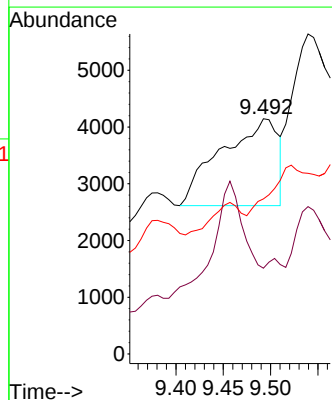
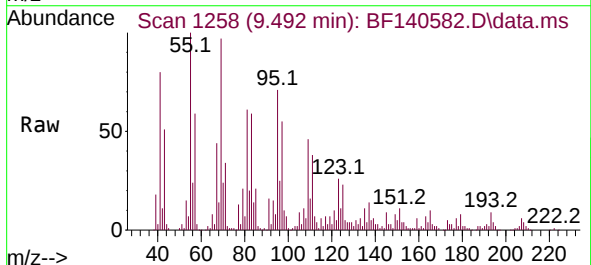
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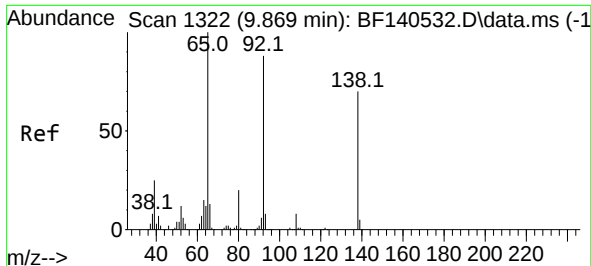
Tgt Ion:172 Resp: 370302
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.0 19.0 28.6



#48
2-Nitroaniline
Concen: 3.049 ng
RT: 9.492 min Scan# 1258
Delta R.T. 0.035 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 65 Resp: 6373
Ion Ratio Lower Upper
65 100
92 36.4 56.1 84.1#
138 65.9 81.0 121.6#

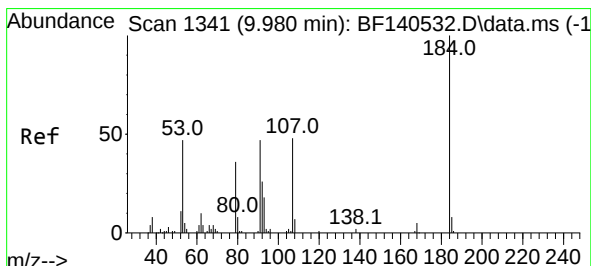
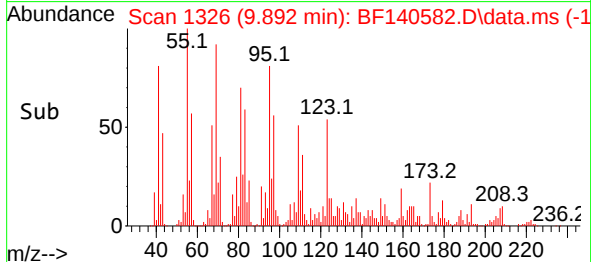
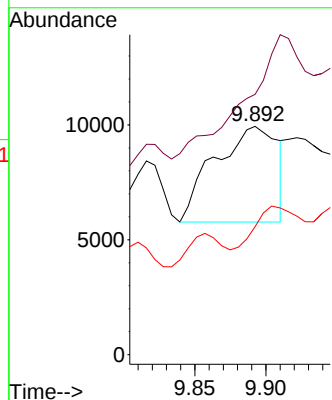
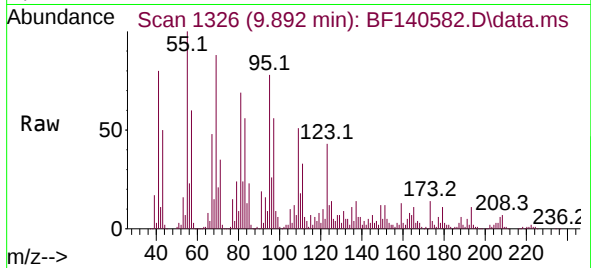




#53
3-Nitroaniline
Concen: 7.622 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.024 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

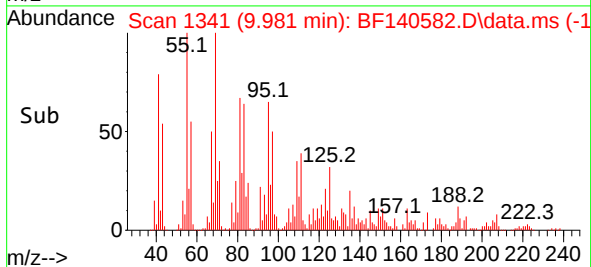
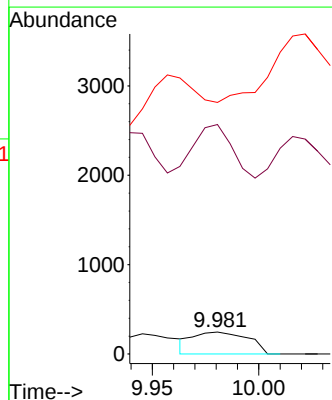
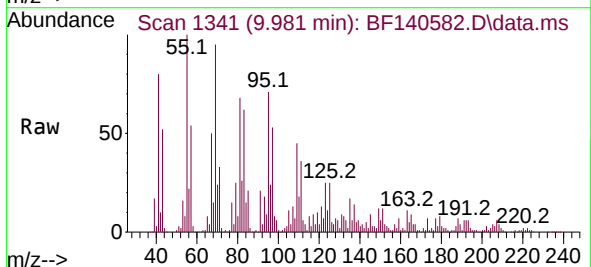
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

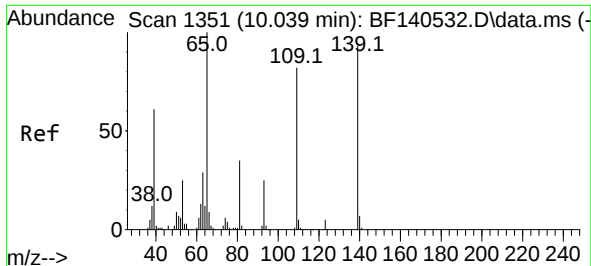
Tgt Ion:138 Resp: 12818
Ion Ratio Lower Upper
138 100
108 114.0 9.2 13.8#
92 56.1 100.6 150.8#



#54
2,4-Dinitrophenol
Concen: 8.269 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:184 Resp: 440
Ion Ratio Lower Upper
184 100
63 1048.2 54.1 81.1#
154 1149.0 57.4 86.0#

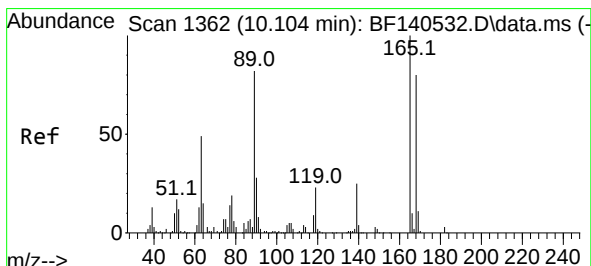
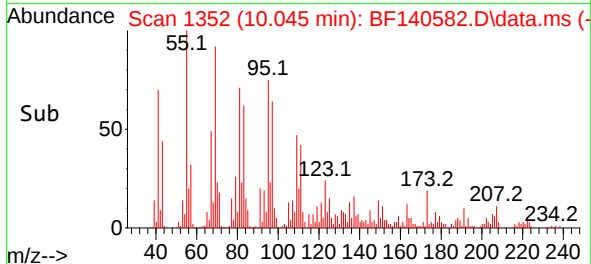
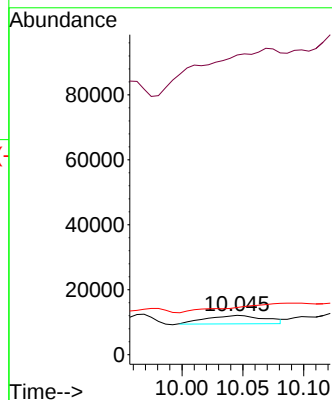
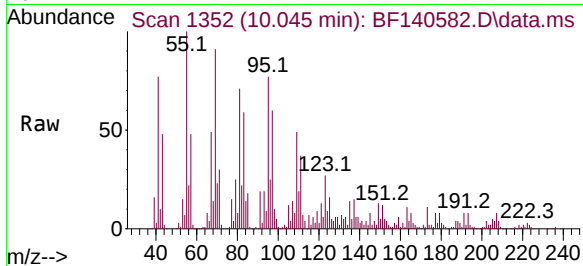




#56
4-Nitrophenol
Concen: 7.650 ng
RT: 10.045 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

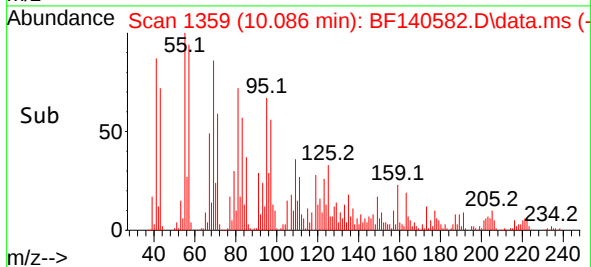
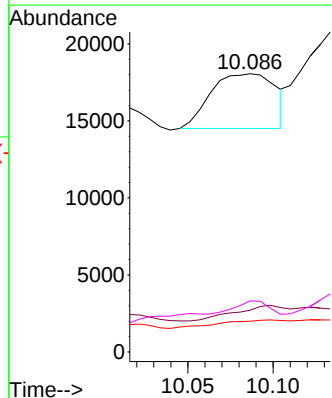
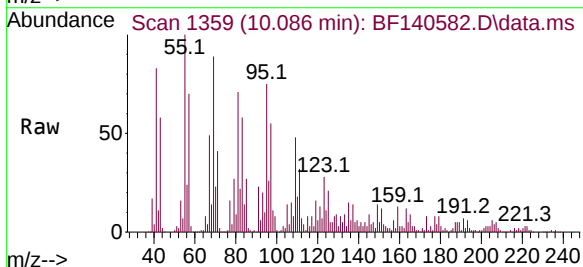
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

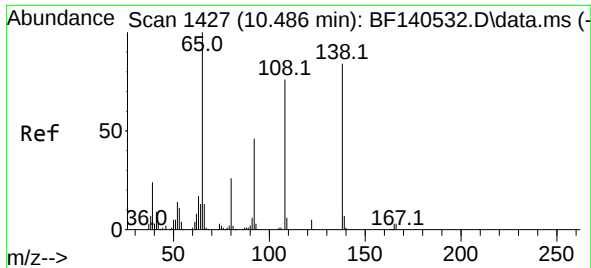
Tgt Ion:139 Resp: 8774
Ion Ratio Lower Upper
139 100
109 762.4 68.4 108.4#
65 120.0 88.6 128.6



#57
2,4-Dinitrotoluene
Concen: 4.092 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.018 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion:165 Resp: 9350
Ion Ratio Lower Upper
165 100
63 15.0 41.7 62.5#
89 11.1 65.8 98.8#
182 18.3 2.1 3.1#

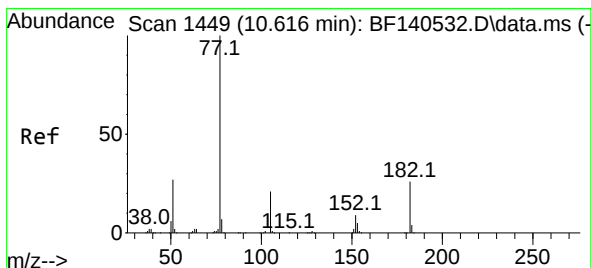
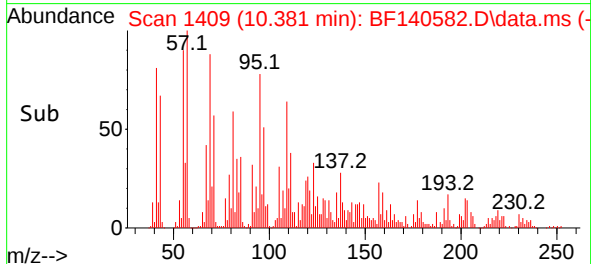
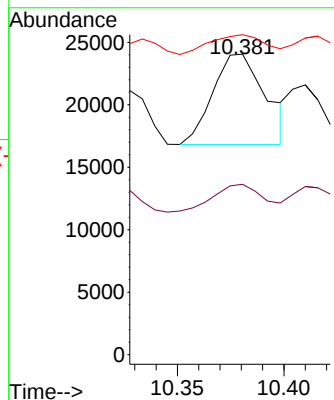
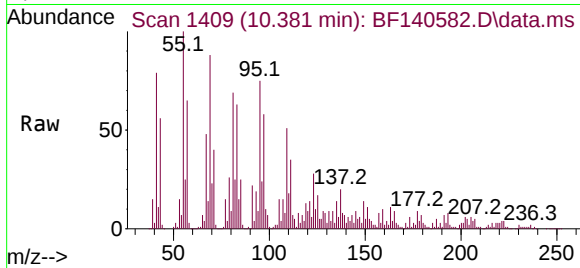




#62
4-Nitroaniline
Concen: 7.022 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.106 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

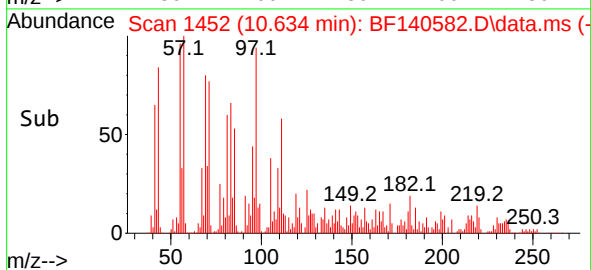
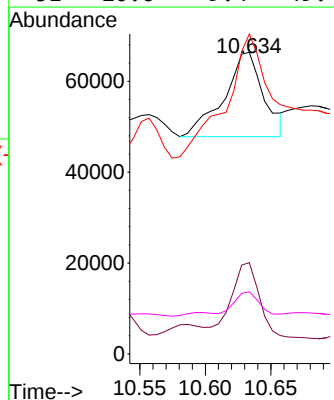
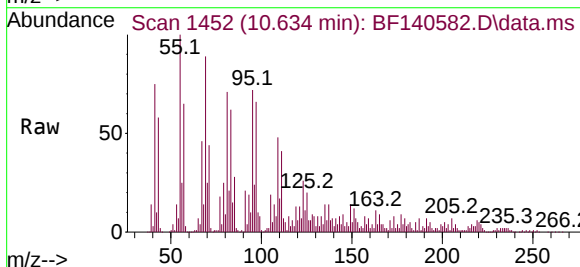
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONE

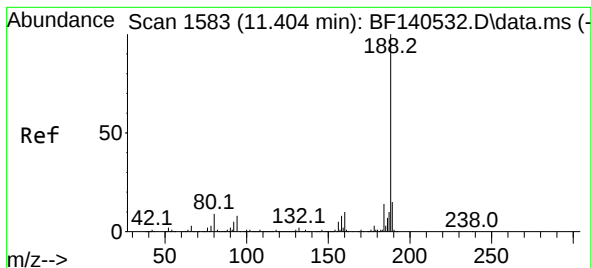
Tgt Ion:138 Resp: 12385
Ion Ratio Lower Upper
138 100
92 56.7 34.5 74.5
108 106.5 70.6 110.6



#63
Azobenzene
Concen: 5.344 ng
RT: 10.634 min Scan# 1452
Delta R.T. 0.018 min
Lab File: BF140582.D
Acq: 22 Nov 2024 17:16

Tgt Ion: 77 Resp: 38982
Ion Ratio Lower Upper
77 100
182 30.3 5.3 45.3
105 106.1 0.3 40.3#
51 20.6 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 11

Delta R.T. 0.030 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONE

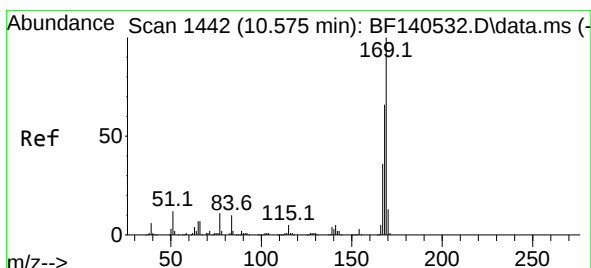
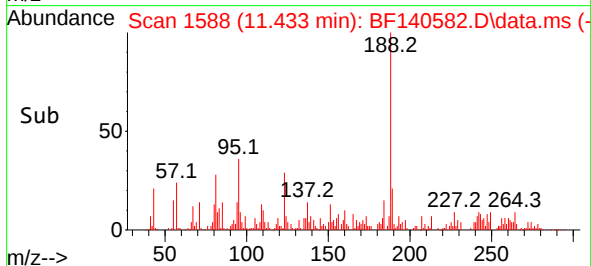
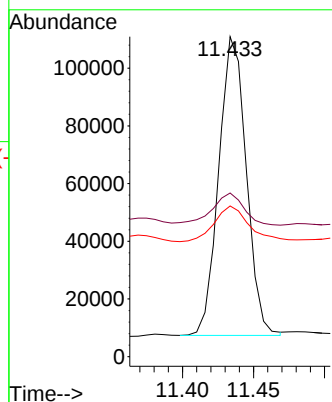
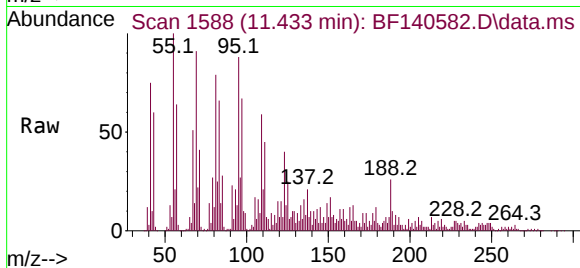
Tgt Ion:188 Resp: 139197

Ion Ratio Lower Upper

188 100

94 51.1 6.4 9.6#

80 47.1 6.9 10.3#



#66

n-Nitrosodiphenylamine

Concen: 5.775 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.012 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

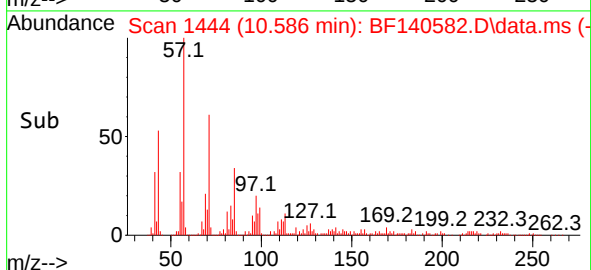
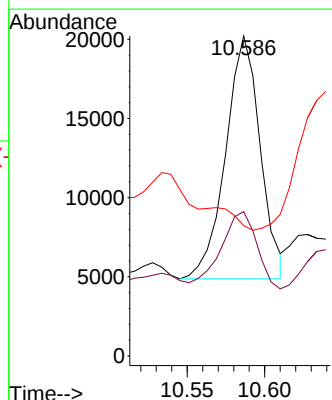
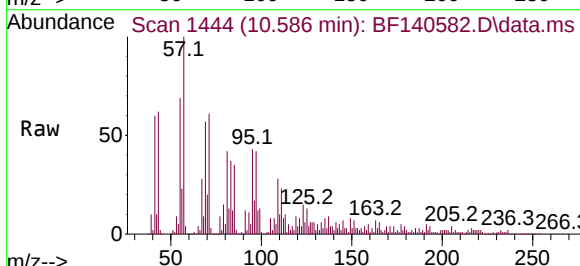
Tgt Ion:169 Resp: 23771

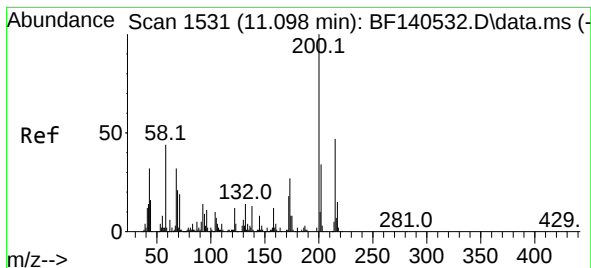
Ion Ratio Lower Upper

169 100

168 45.1 53.2 79.8#

167 40.7 29.0 43.6





#69

Atrazine

Concen: 2.066 ng

RT: 11.128 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONE

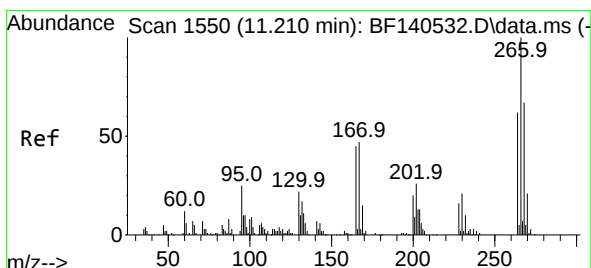
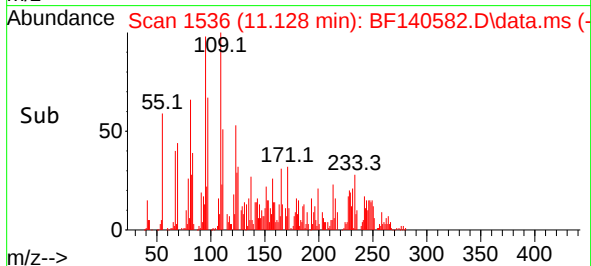
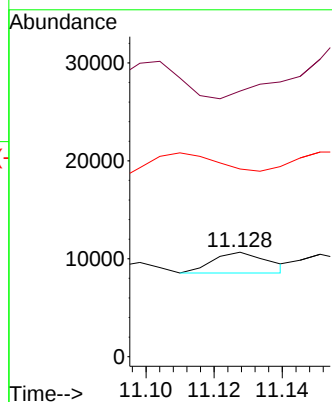
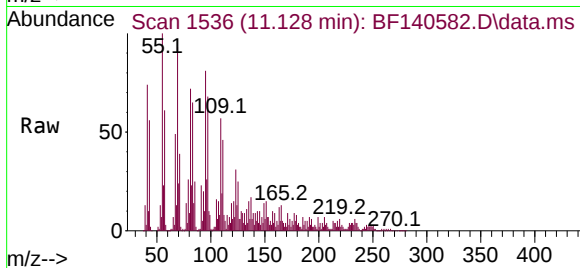
Tgt Ion:200 Resp: 2393

Ion Ratio Lower Upper

200 100

173 254.2 7.0 47.0#

215 179.6 26.7 66.7#



#70

Pentachlorophenol

Concen: 9.834 ng

RT: 11.275 min Scan# 1561

Delta R.T. 0.065 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

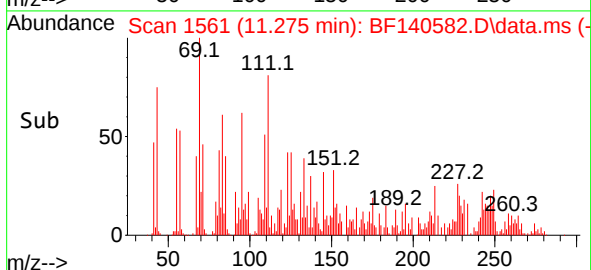
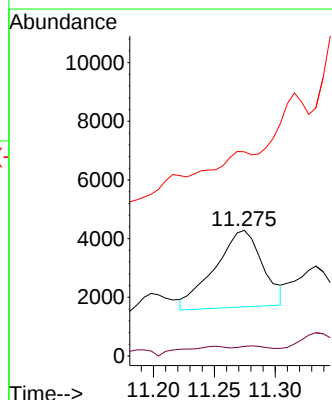
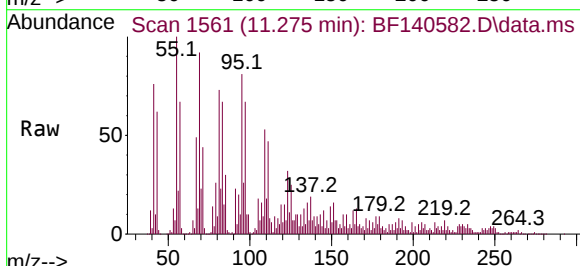
Tgt Ion:266 Resp: 7184

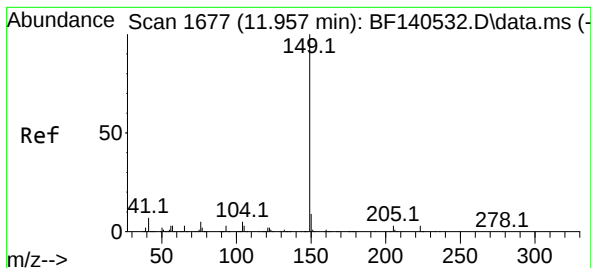
Ion Ratio Lower Upper

266 100

268 7.6 53.7 80.5#

264 162.5 49.8 74.8#





#74

Di-n-butylphthalate

Concen: 8.010 ng

RT: 12.022 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONE

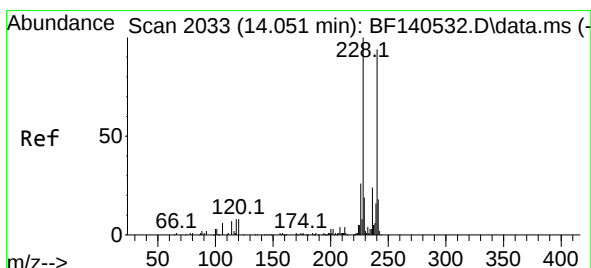
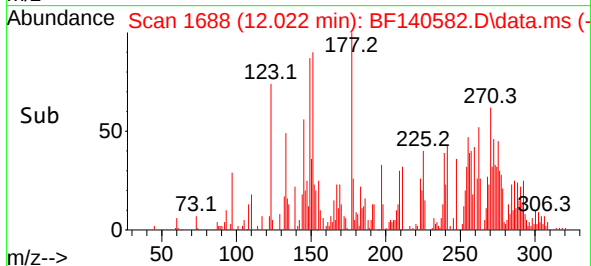
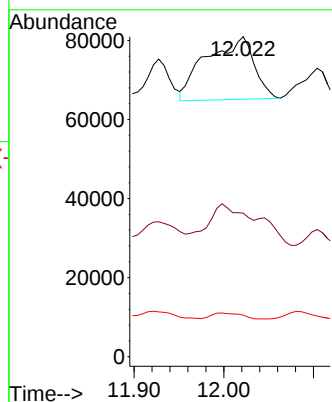
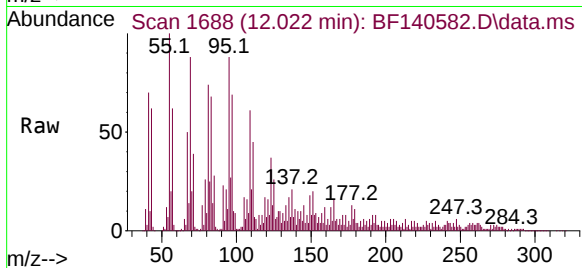
Tgt Ion:149 Resp: 58229

Ion Ratio Lower Upper

149 100

150 44.9 7.5 11.3#

104 13.0 4.1 6.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

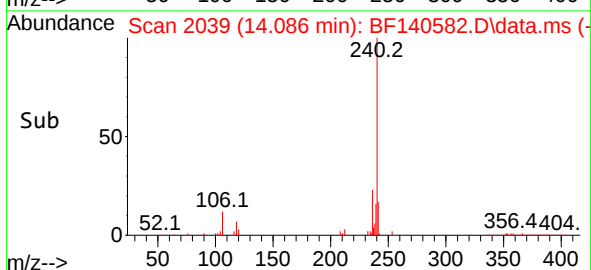
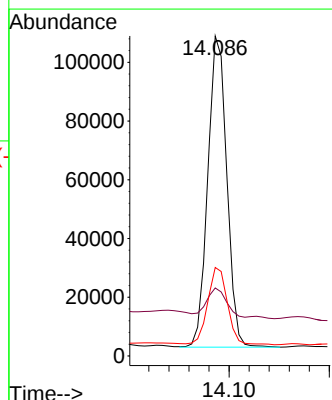
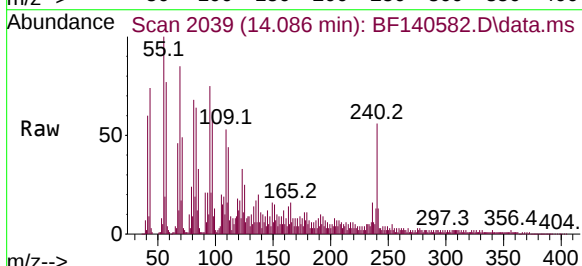
Tgt Ion:240 Resp: 139671

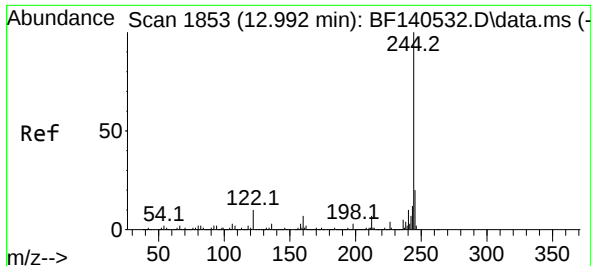
Ion Ratio Lower Upper

240 100

120 21.2 7.3 10.9#

236 27.7 20.6 31.0

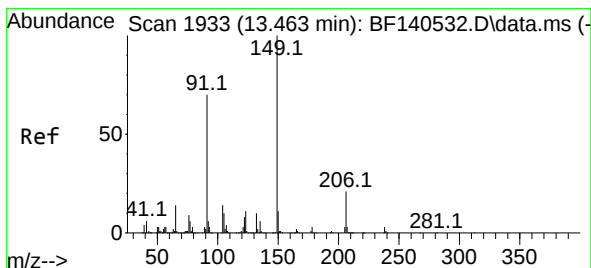
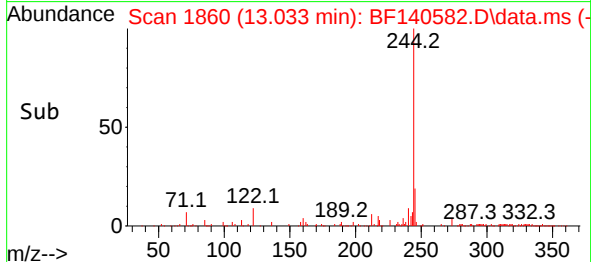
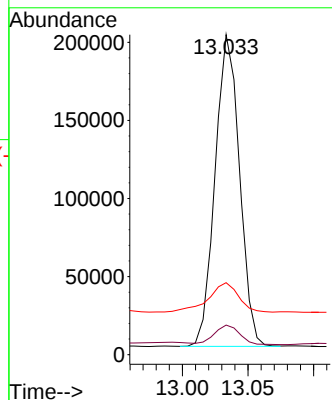
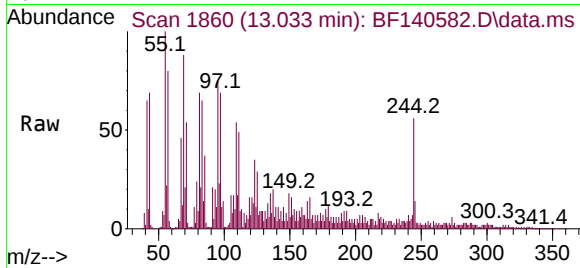




#79
 Terphenyl-d14
 Concen: 28.751 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: BF140582.D
 Acq: 22 Nov 2024 17:16

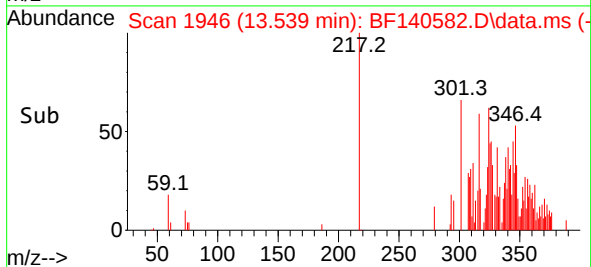
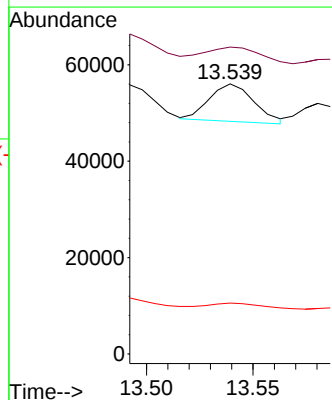
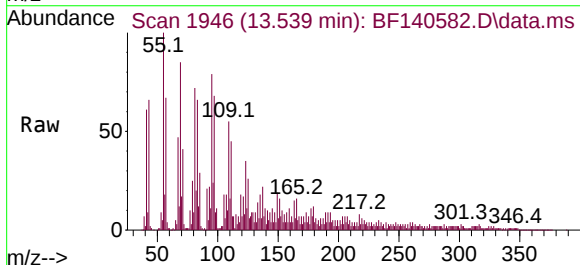
Instrument :
 BNA_F
 ClientSampleId :
 CONTAINMENT-STONE

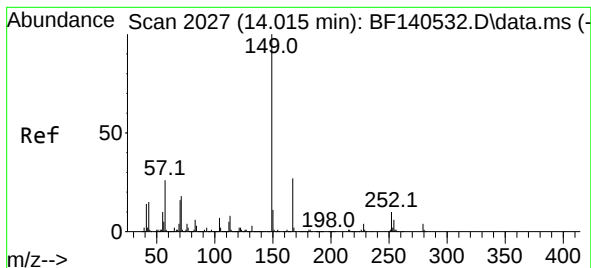
Tgt Ion:244 Resp: 257886
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 22.5 8.0 12.0#



#80
 Butylbenzylphthalate
 Concen: 2.408 ng
 RT: 13.539 min Scan# 1946
 Delta R.T. 0.077 min
 Lab File: BF140582.D
 Acq: 22 Nov 2024 17:16

Tgt Ion:149 Resp: 11202
 Ion Ratio Lower Upper
 149 100
 91 113.6 56.2 84.2#
 206 18.8 16.4 24.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.601 ng

RT: 14.045 min Scan# 2027

Delta R.T. 0.030 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONE

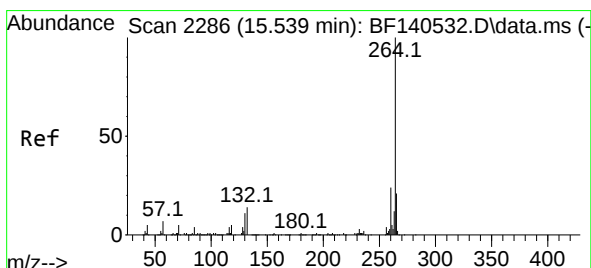
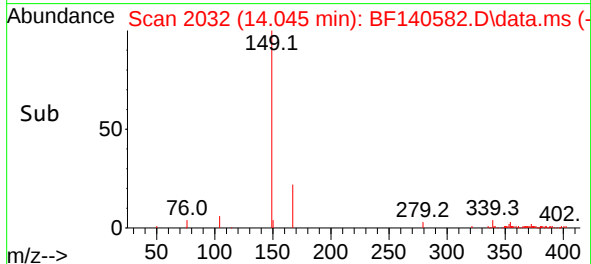
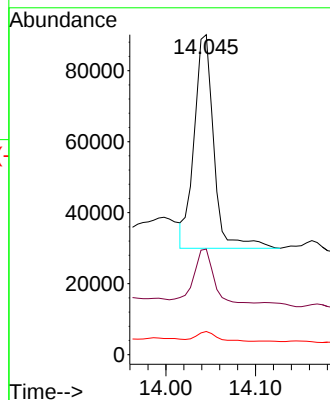
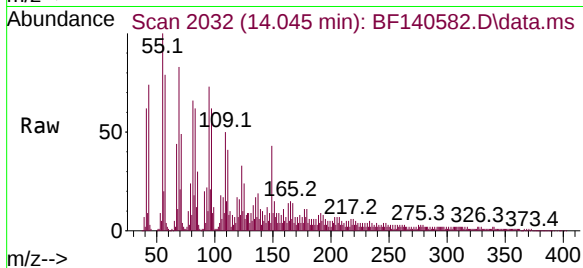
Tgt Ion:149 Resp: 91648

Ion Ratio Lower Upper

149 100

167 33.0 21.2 31.8#

279 7.3 3.2 4.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140582.D

Acq: 22 Nov 2024 17:16

Tgt Ion:264 Resp: 121597

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.9 16.6 25.0

