

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122379.D
 Acq On : 19 Nov 2020 14:29
 Operator : JU/CG
 Sample : L4797-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-2-5-WC

Quant Time: Nov 19 16:14:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

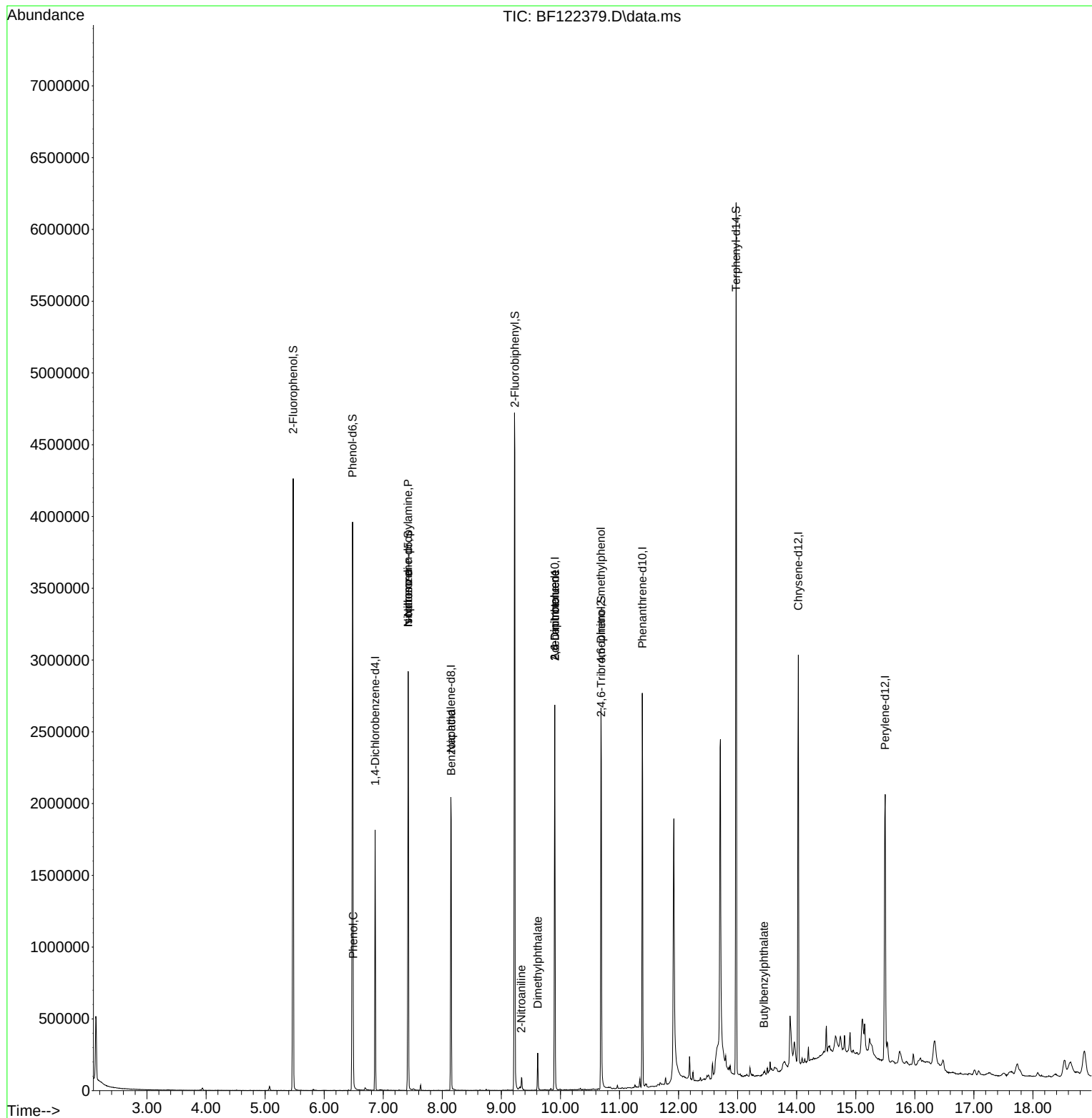
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	242750	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	942575	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	520032	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	979306	20.00	ng	0.00
76) Chrysene-d12	14.027	240	948548	20.00	ng	0.00
86) Perylene-d12	15.498	264	933105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1147233	72.57	ng	0.00
7) Phenol-d6	6.481	99	1471330	71.14	ng	-0.01
23) Nitrobenzene-d5	7.422	82	898298	58.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	355323	63.66	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1582419	47.54	ng	0.00
79) Terphenyl-d14	12.974	244	1852981	41.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	810	Below Cal		95
10) Phenol	6.492	94	68871	3.38	ng	81
19) n-Nitroso-di-n-propyla...	7.422	70	118664	9.60	ng	# 76
25) Isophorone	7.422	82	891504	25.97	ng	# 67
32) Benzoic acid	8.151	122	148	7.97	ng	# 1
48) 2-Nitroaniline	9.339	65	1017	5.26	ng	# 6
50) Dimethylphthalate	9.616	163	102458	2.77	ng	99
51) 2,6-Dinitrotoluene	9.904	165	67782	11.40	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	67782	10.61	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	697	6.35	ng	# 1
80) Butylbenzylphthalate	13.445	149	1866	3.35	ng	# 33

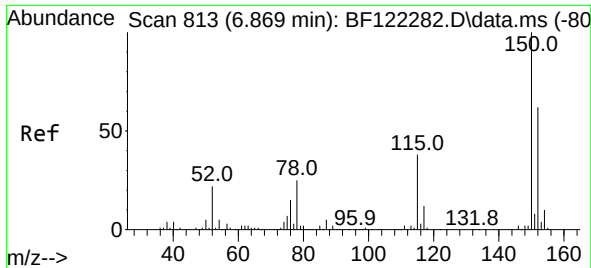
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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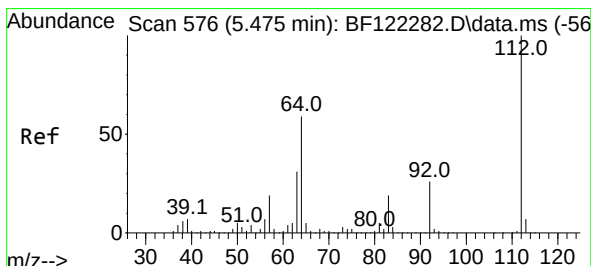
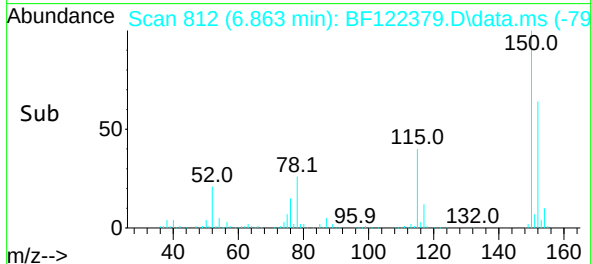
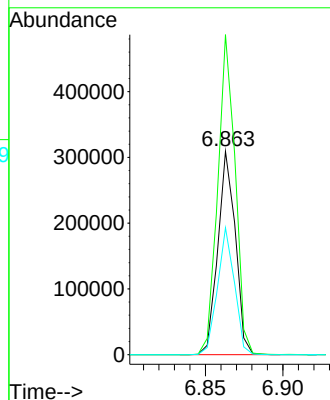
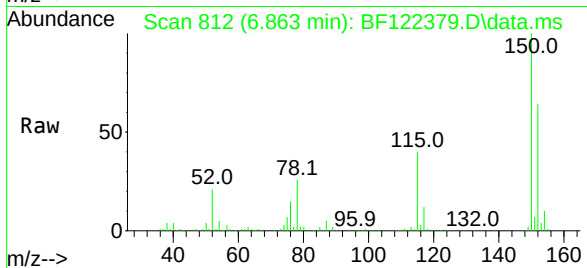




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

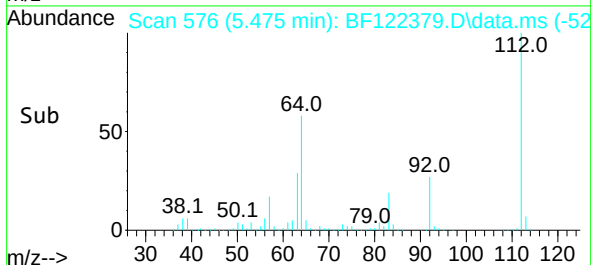
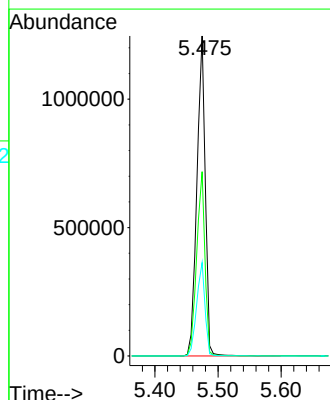
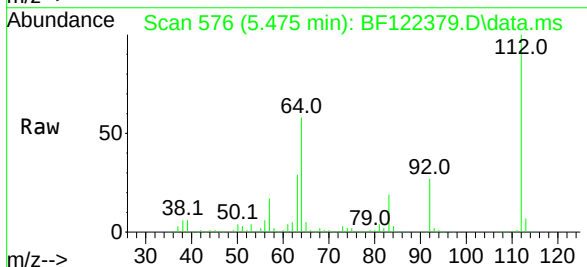
Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

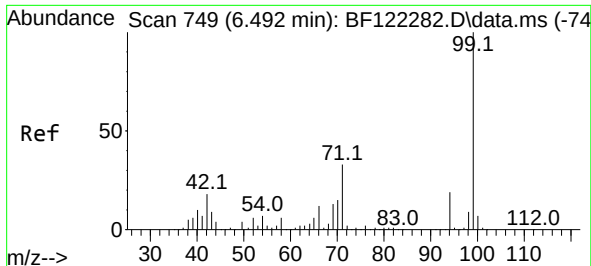
Tgt Ion:152 Resp: 242750
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 72.57 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion:112 Resp: 1147233
Ion Ratio Lower Upper
112 100
64 57.6 50.4 75.6
63 29.2 25.8 38.6

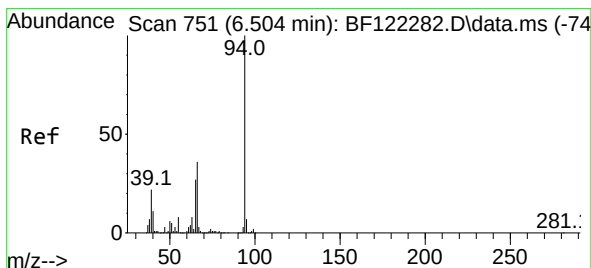
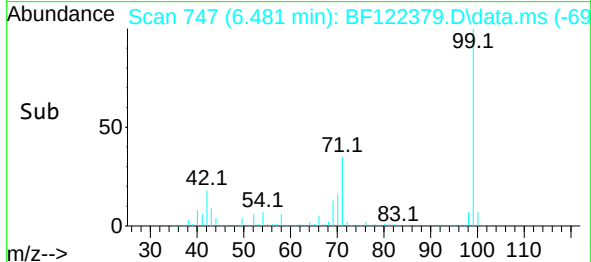
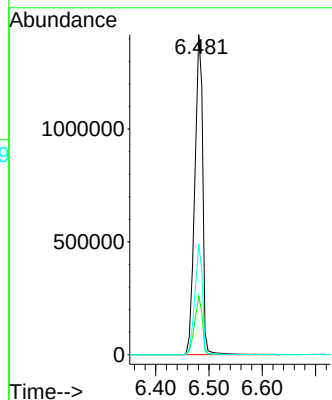
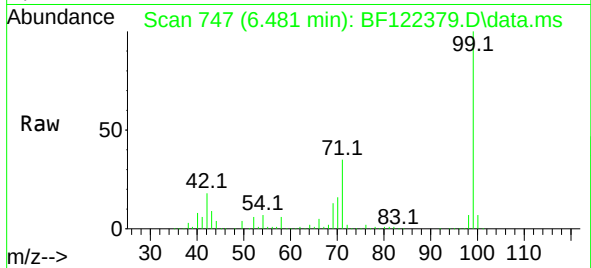




#7
Phenol-d6
Concen: 71.14 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

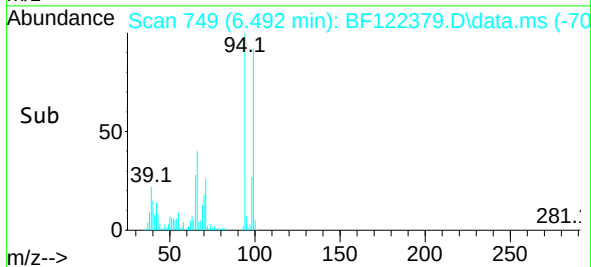
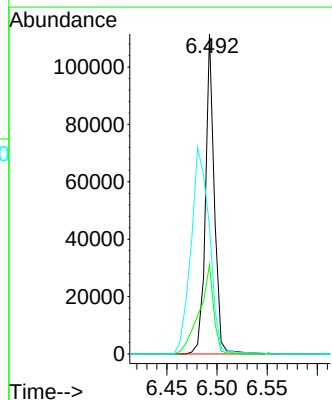
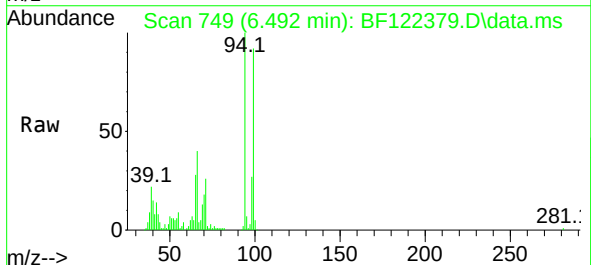
Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

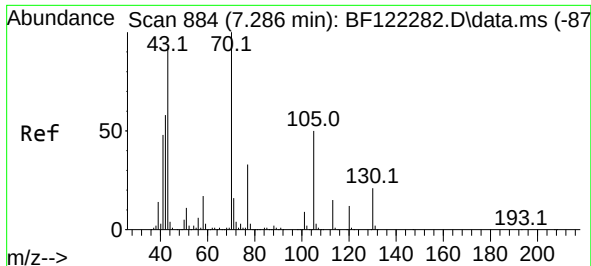
Tgt Ion: 99 Resp: 1471330
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.6 27.1 40.7



#10
Phenol
Concen: 3.38 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

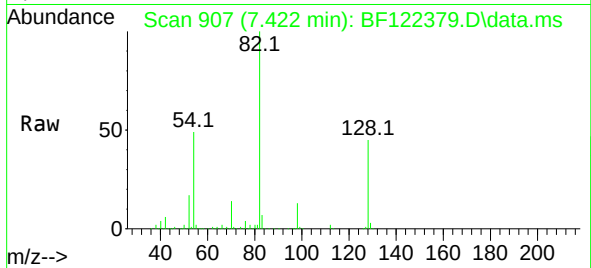
Tgt Ion: 94 Resp: 68871
Ion Ratio Lower Upper
94 100
65 27.8 17.1 57.1
66 40.0 36.0 76.0



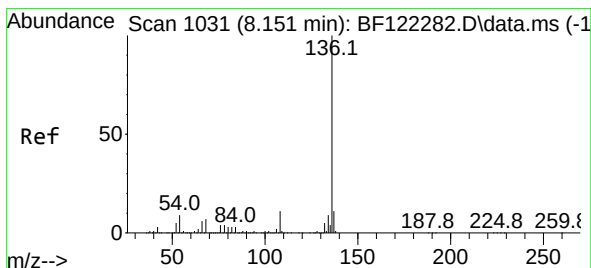
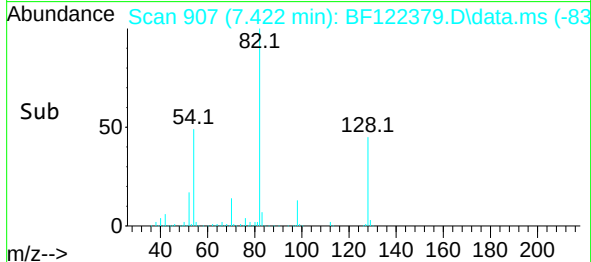
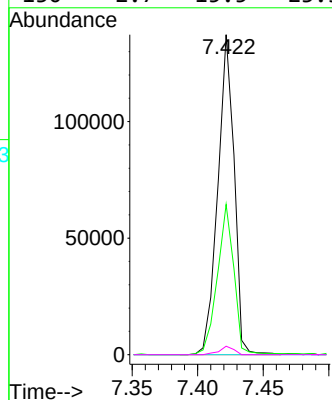


#19
n-Nitroso-di-n-propylamine
Concen: 9.60 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

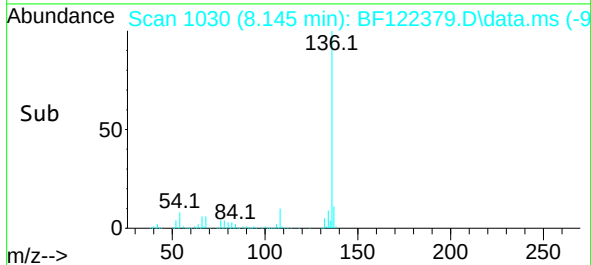
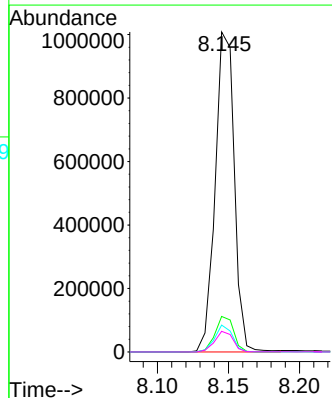
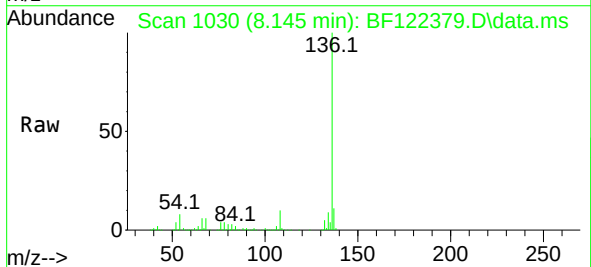


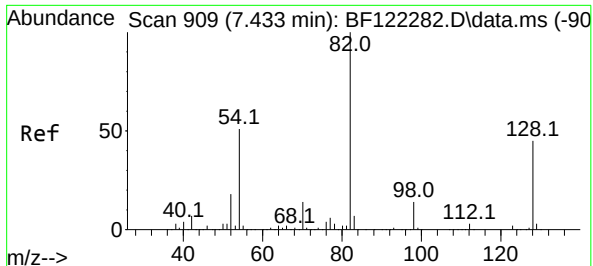
Tgt Ion: 70 Resp: 118664
Ion Ratio Lower Upper
70 100
42 46.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.7 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion: 136 Resp: 942575
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 7.1 10.7
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.34 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

Tgt Ion: 82 Resp: 898298

Ion Ratio Lower Upper

82 100

128 45.2 35.0 52.4

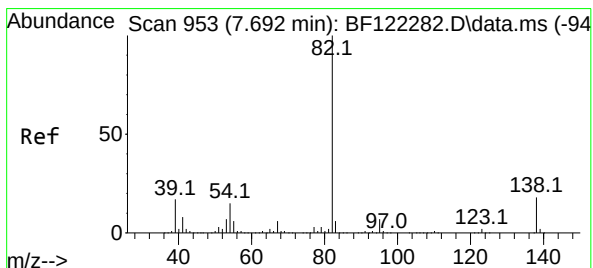
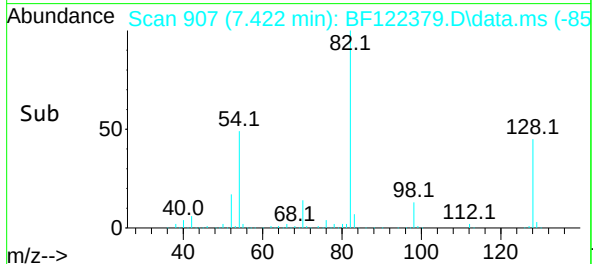
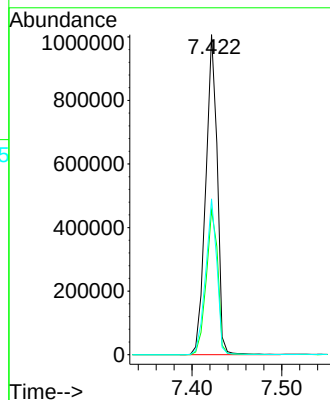
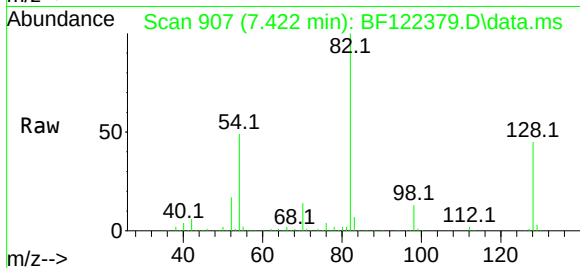
54 48.7 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

R-LA-2-5-WC



#25

Isophorone

Concen: 25.97 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.270 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

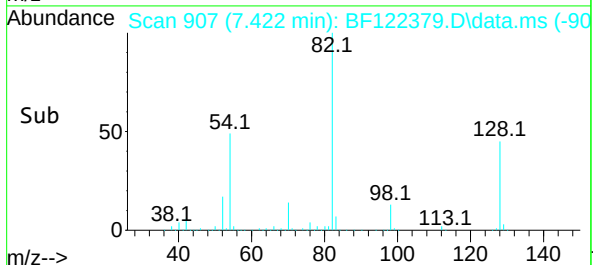
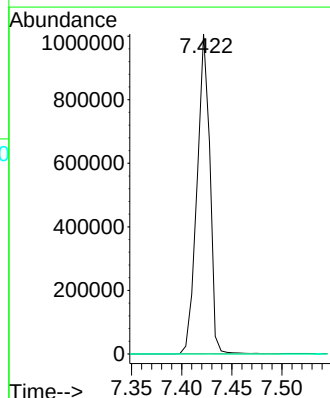
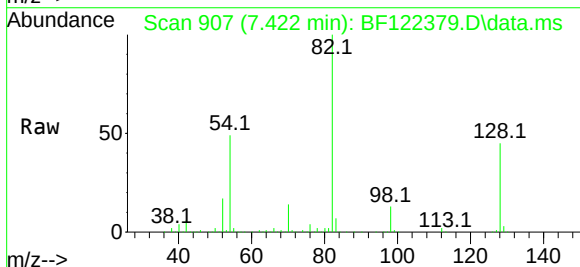
Tgt Ion: 82 Resp: 891504

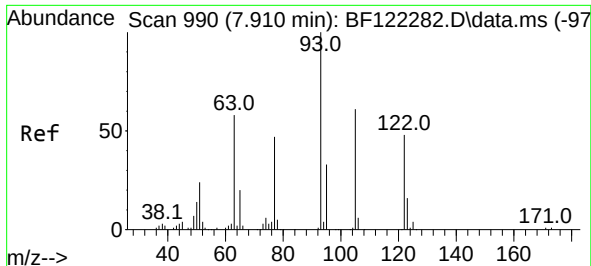
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.0#

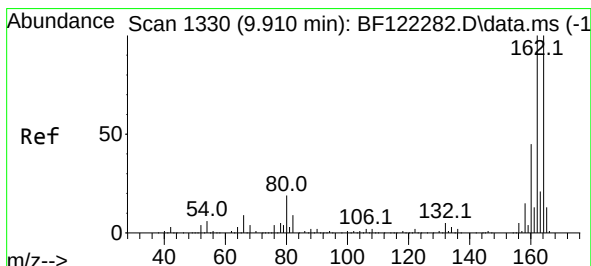
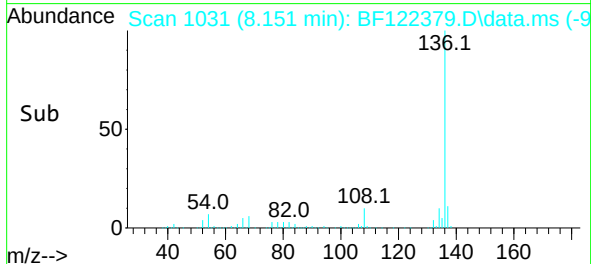
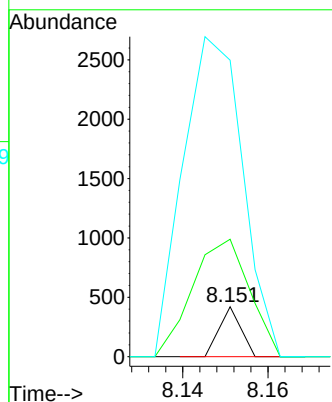
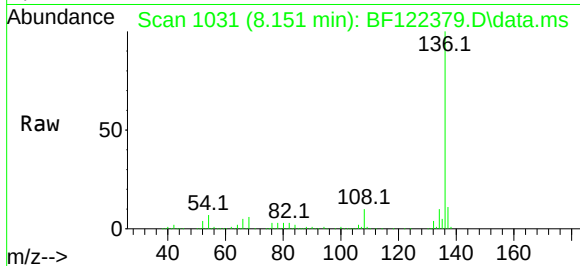




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

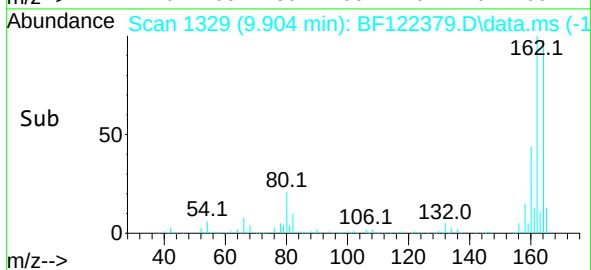
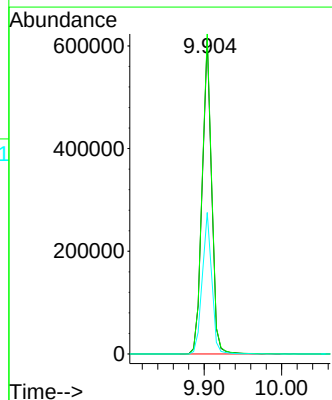
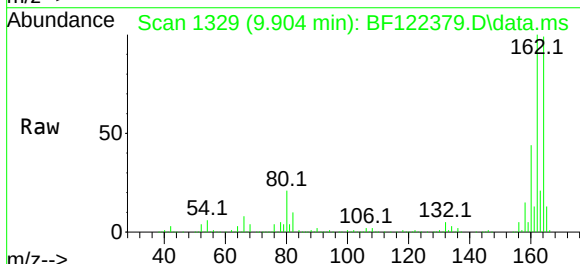
Instrument :
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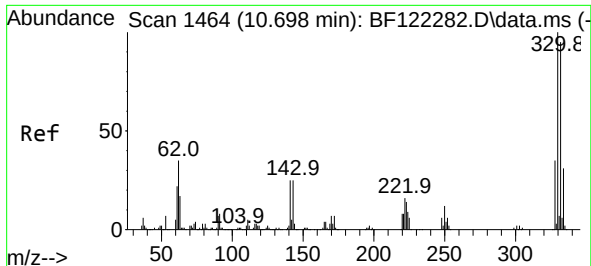
Tgt Ion:122 Resp: 148
Ion Ratio Lower Upper
122 100
105 235.5 103.3 143.3#
77 594.5 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion:164 Resp: 520032
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 44.9 37.5 56.3

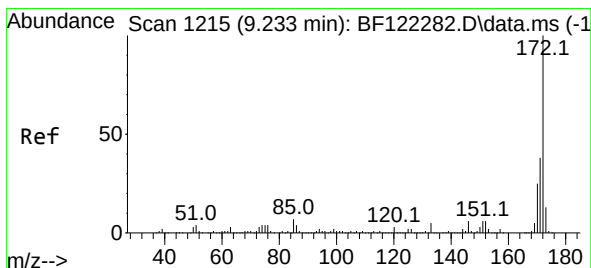
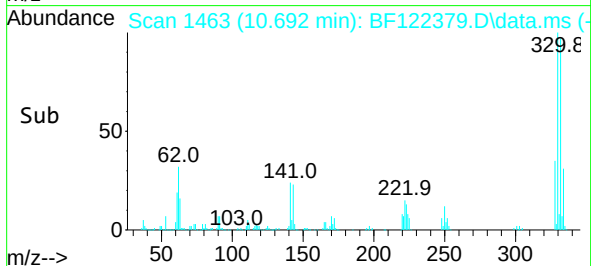
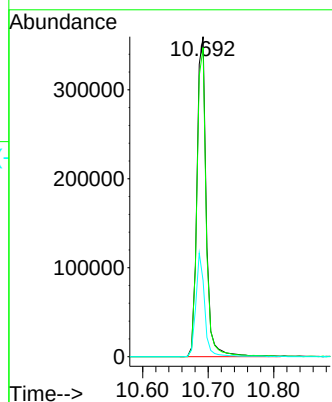
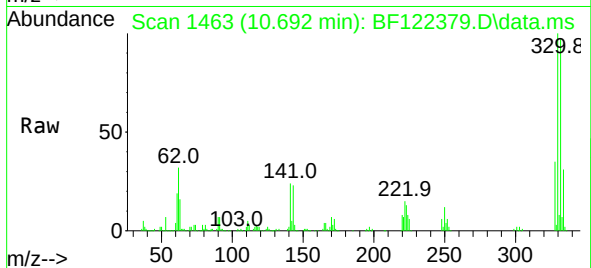




#42
2,4,6-Tribromophenol
Concen: 63.66 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

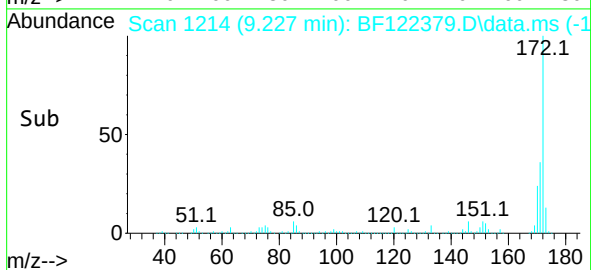
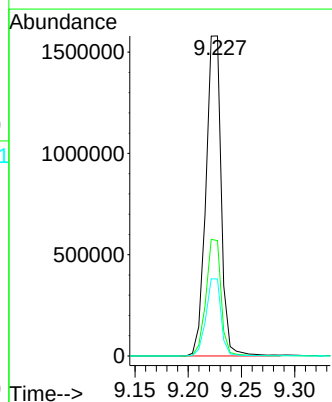
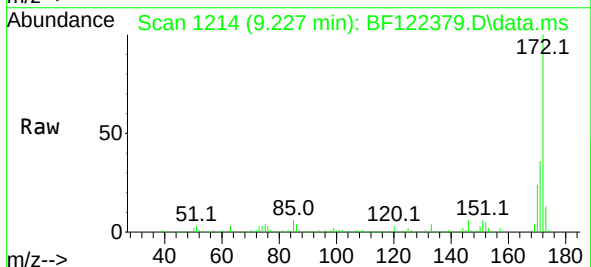
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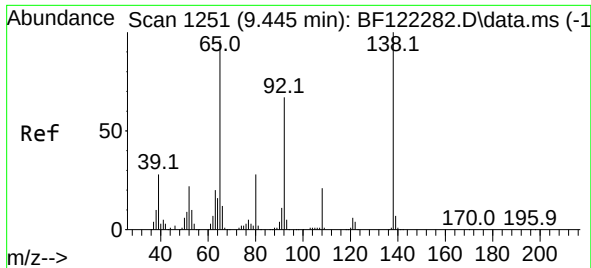
Tgt Ion: 330 Resp: 355323
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 30.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 47.54 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion: 172 Resp: 1582419
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6

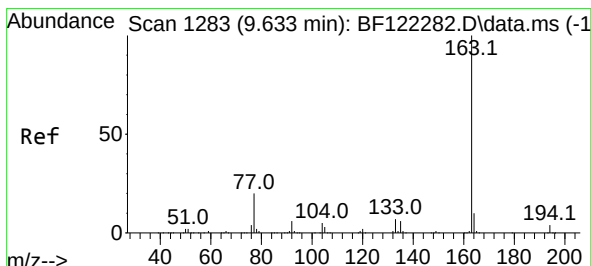
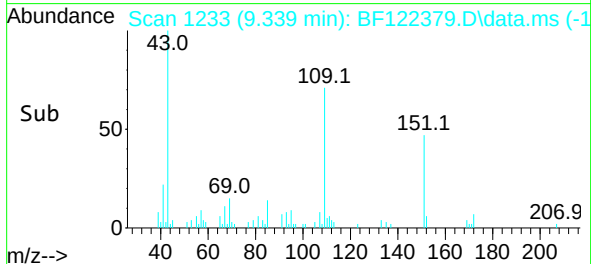
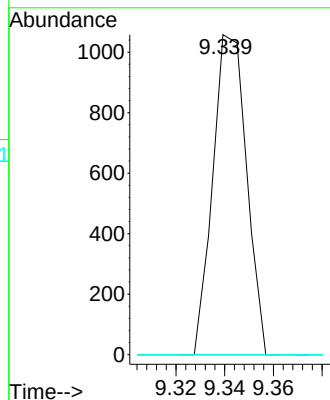
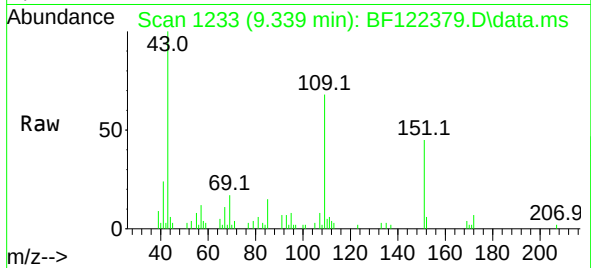




#48
2-Nitroaniline
Concen: 5.26 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

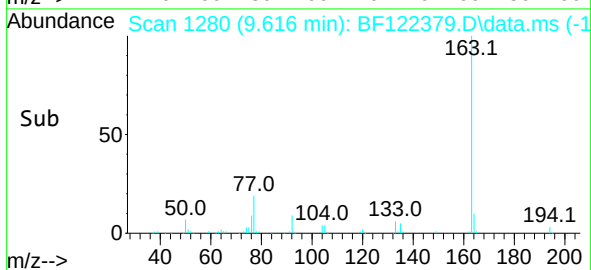
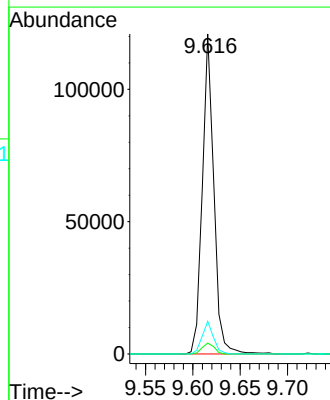
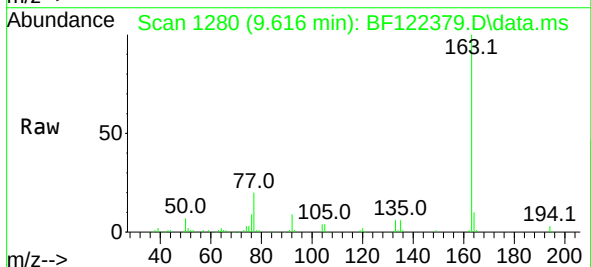
Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

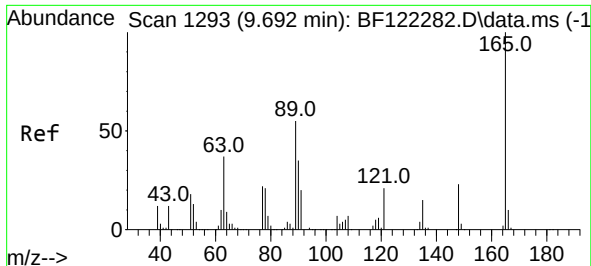
Tgt Ion: 65 Resp: 1017
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.77 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion: 163 Resp: 102458
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.2 8.2 12.4

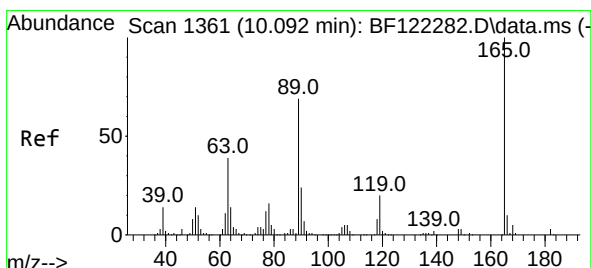
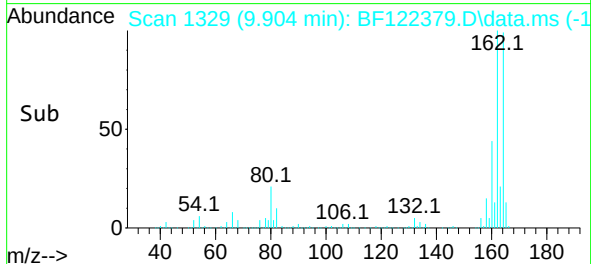
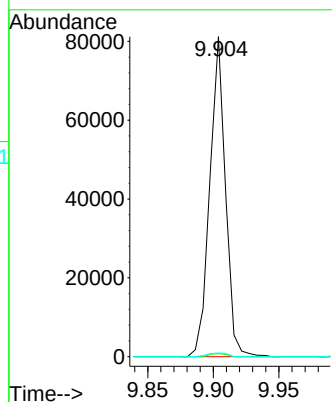
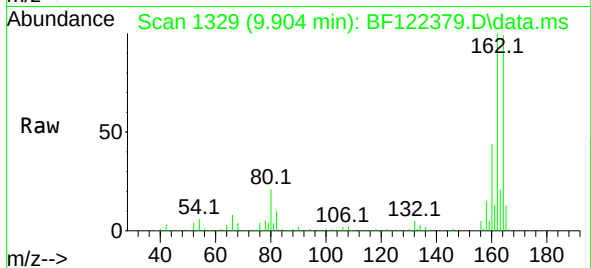




#51
2,6-Dinitrotoluene
Concen: 11.40 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

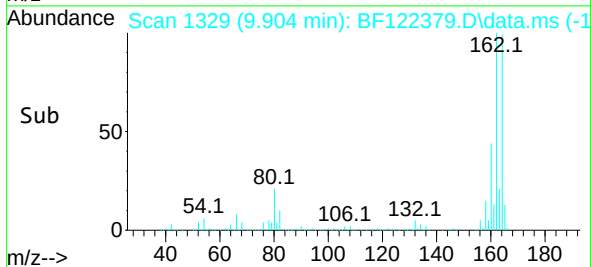
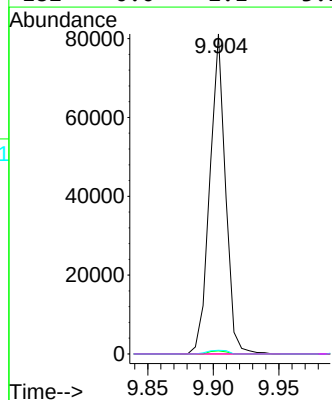
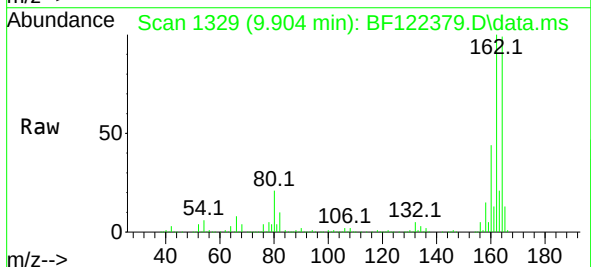
Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

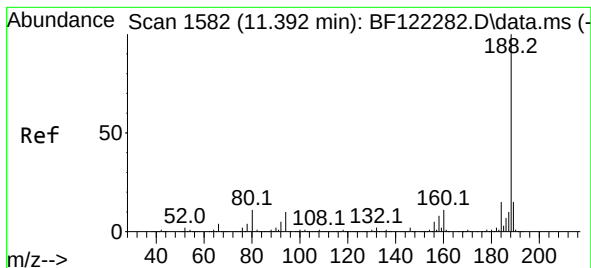
Tgt Ion:165 Resp: 67782
Ion Ratio Lower Upper
165 100
63 0.9 51.8 77.6#
89 1.2 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.61 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion:165 Resp: 67782
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

Tgt Ion:188 Resp: 979306

Ion Ratio Lower Upper

188 100

94 10.8 8.3 12.5

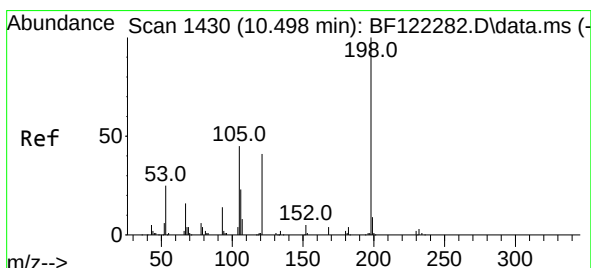
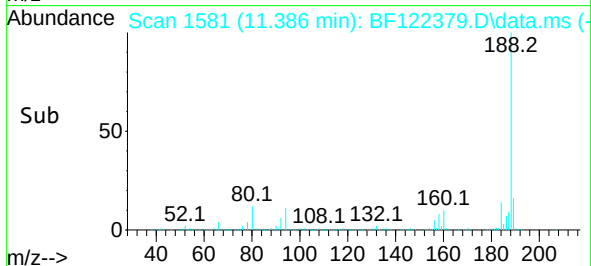
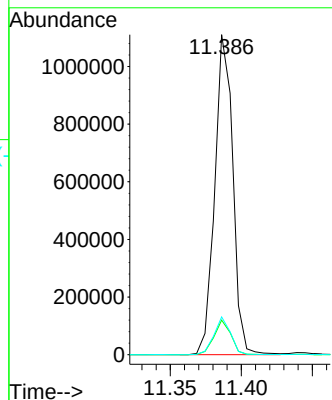
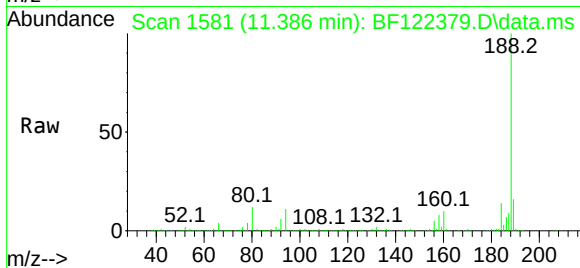
80 11.8 9.1 13.7

Instrument :

BNA_F

ClientSampleId :

R-LA-2-5-WC



#65

4,6-Dinitro-2-methylphenol

Concen: 6.35 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.188 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

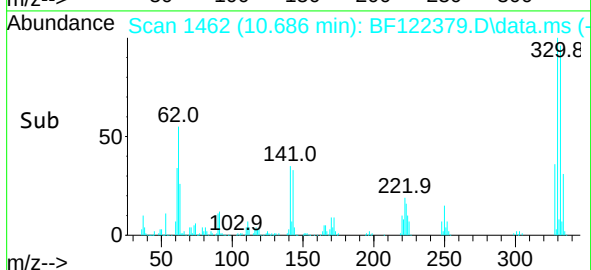
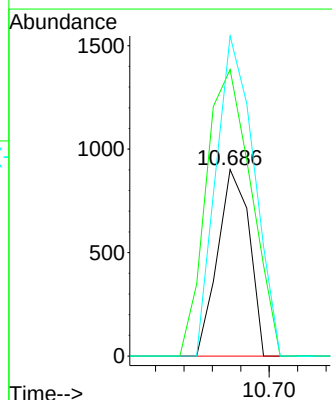
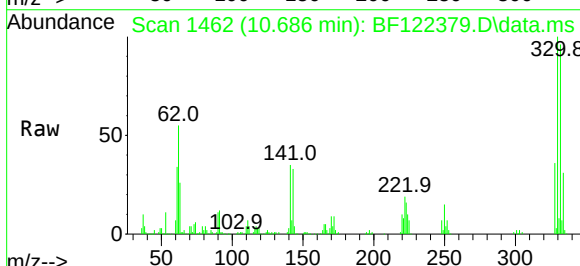
Tgt Ion:198 Resp: 697

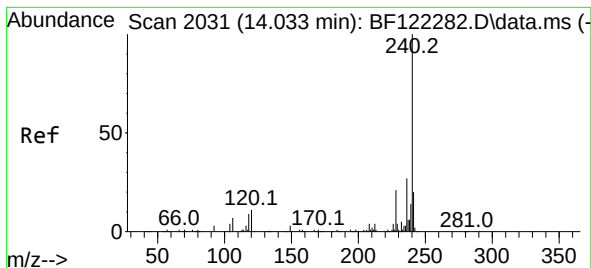
Ion Ratio Lower Upper

198 100

51 153.7 29.6 69.6#

105 171.7 24.4 64.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

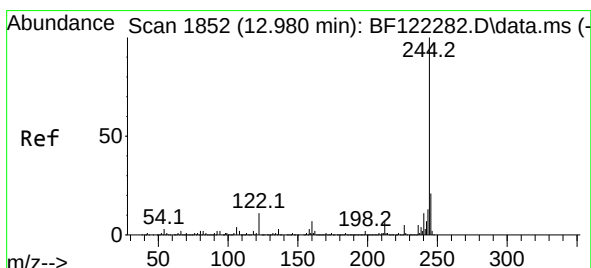
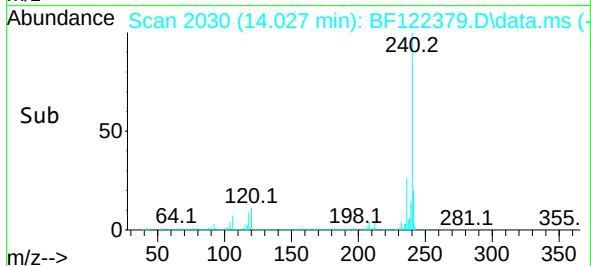
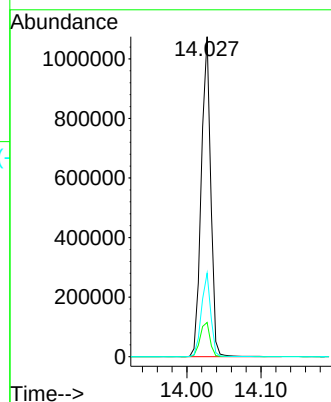
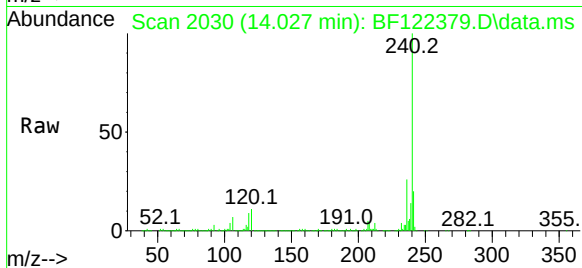
Tgt Ion:240 Resp: 948548

Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 41.38 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF122379.D

Acq: 19 Nov 2020 14:29

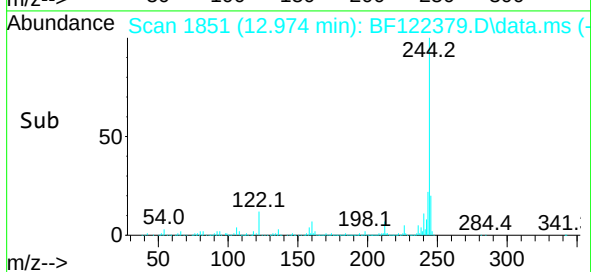
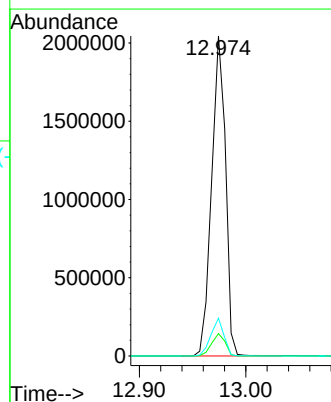
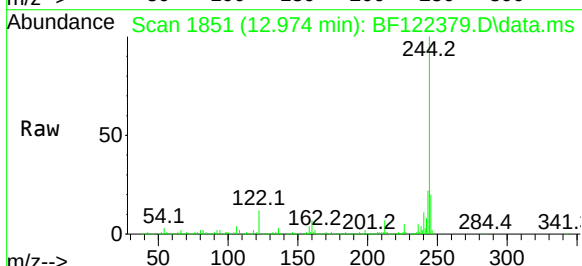
Tgt Ion:244 Resp: 1852981

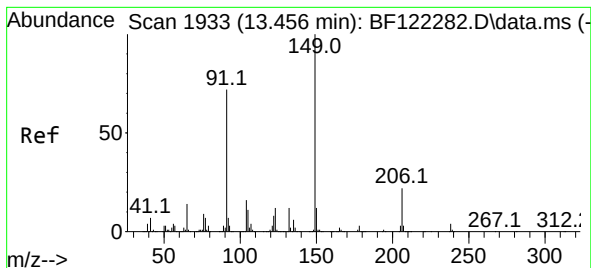
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.8 8.1 12.1

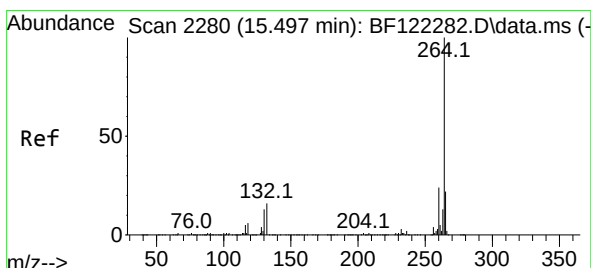
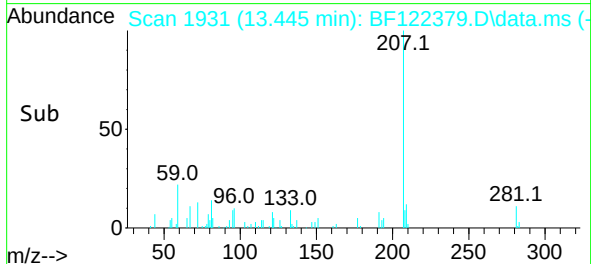
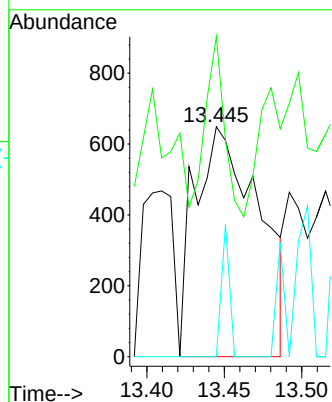
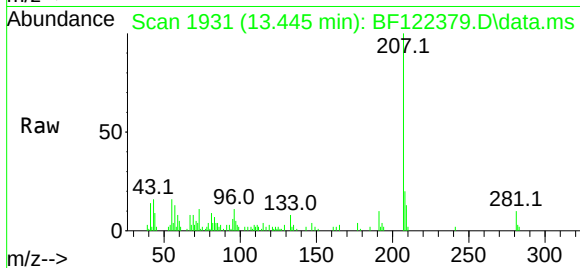




#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.011 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Instrument :
BNA_F
ClientSampleId :
R-LA-2-5-WC

Tgt Ion:149 Resp: 1866
Ion Ratio Lower Upper
149 100
91 139.1 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122379.D
Acq: 19 Nov 2020 14:29

Tgt Ion:264 Resp: 933105
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.2 17.3 25.9

