

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122315.D
 Acq On : 12 Nov 2020 15:00
 Operator : JU/CG
 Sample : L4702-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)

Quant Time: Nov 12 15:42:13 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)

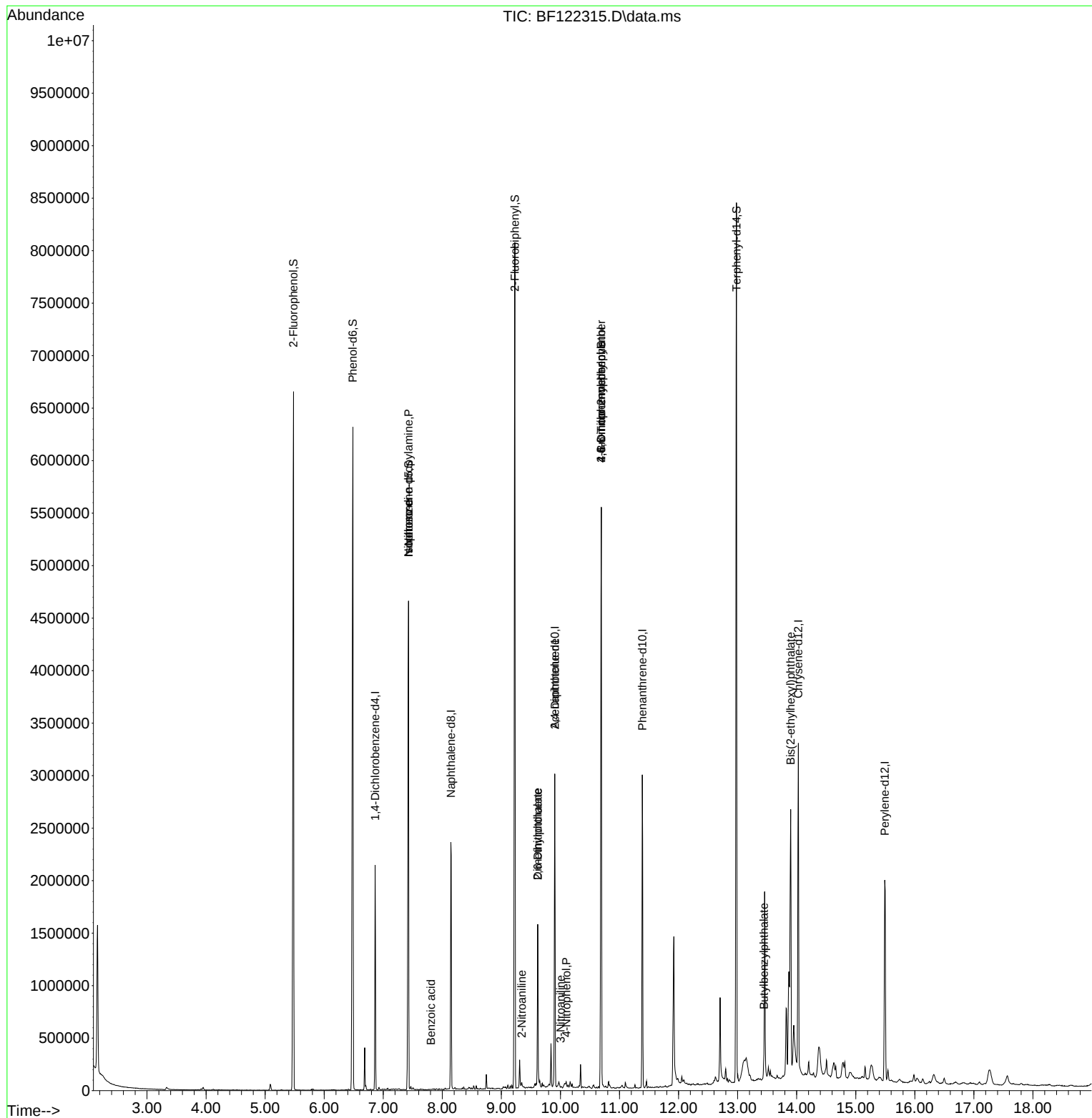
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	279770	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1064152	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	572503	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1057867	20.00	ng	0.00
76) Chrysene-d12	14.027	240	996454	20.00	ng	0.00
86) Perylene-d12	15.492	264	903858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1946604	106.84	ng	0.00
7) Phenol-d6	6.486	99	2467221	103.51	ng	0.00
23) Nitrobenzene-d5	7.428	82	1548640	89.09	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	742191	120.79	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2593069	70.77	ng	0.00
79) Terphenyl-d14	12.980	244	2696079	57.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	4332	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	213525	14.99	ng	# 74
25) Isophorone	7.428	82	1545609	39.88	ng	# 67
32) Benzoic acid	7.810	122	766	8.02	ng	# 77
48) 2-Nitroaniline	9.345	65	1023	5.25	ng	# 6
50) Dimethylphthalate	9.616	163	554017	13.61	ng	# 100
51) 2,6-Dinitrotoluene	9.616	165	6164	4.44	ng	# 15
53) 3-Nitroaniline	10.004	138	117	3.57	ng	# 1
56) 4-Nitrophenol	10.098	139	149	5.42	ng	# 79
57) 2,4-Dinitrotoluene	9.904	165	74162	10.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1974	6.69	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	48120	3.87	ng	# 1
80) Butylbenzylphthalate	13.445	149	2796	3.38	ng	# 49
84) Bis(2-ethylhexyl)phtha...	13.898	149	842070	24.95	ng	# 54

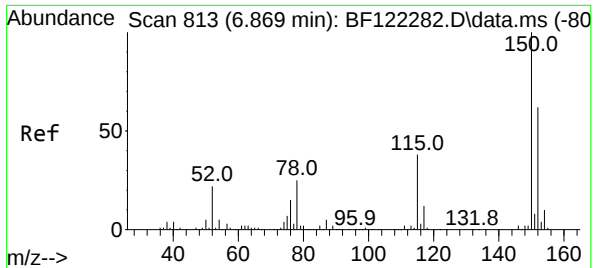
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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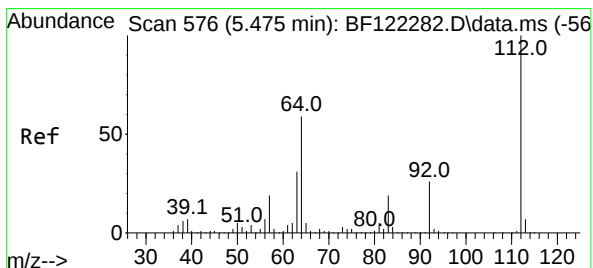
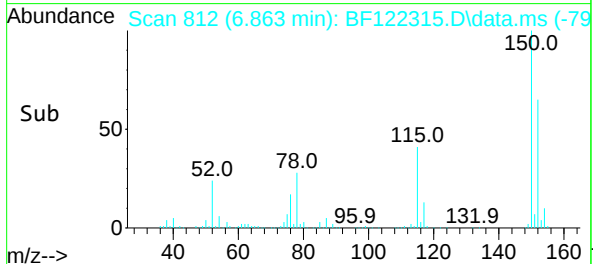
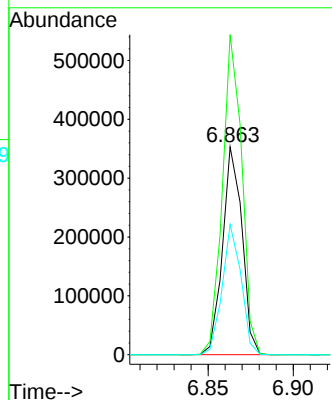
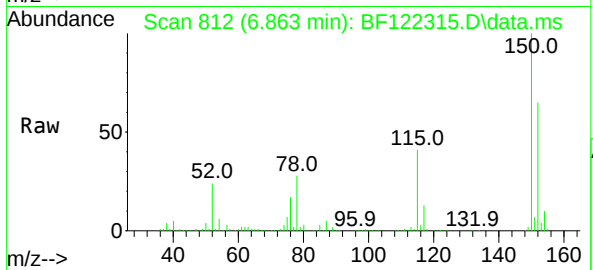




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

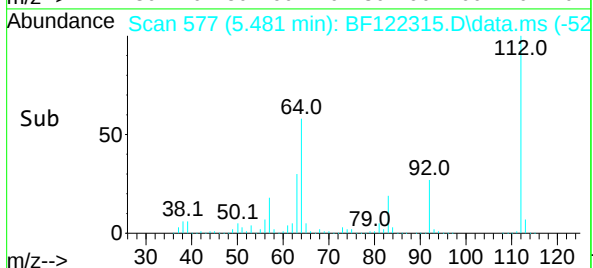
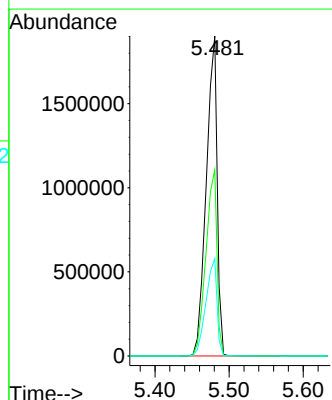
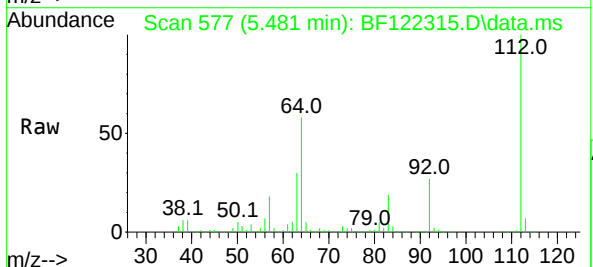
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

Tgt Ion:152 Resp: 279770
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 62.7 51.9 77.9



#5
2-Fluorophenol
Concen: 106.84 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:112 Resp: 1946604
Ion Ratio Lower Upper
112 100
64 58.2 50.4 75.6
63 30.4 25.8 38.6

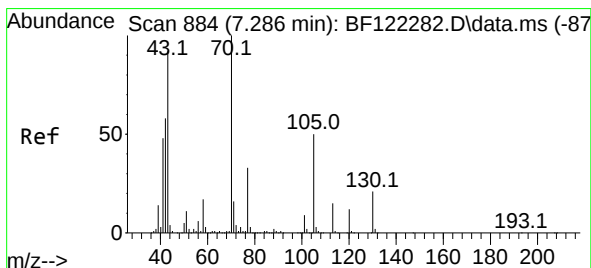
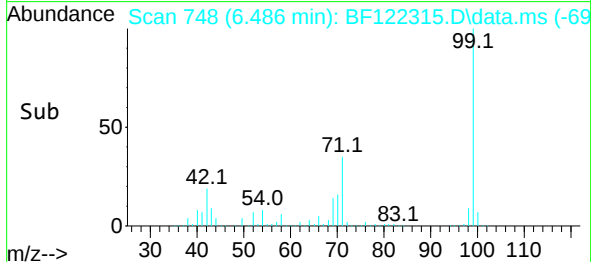
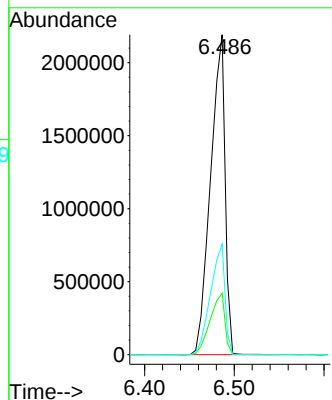
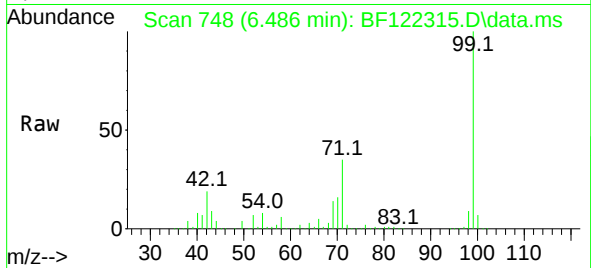




#7
Phenol-d6
Concen: 103.51 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

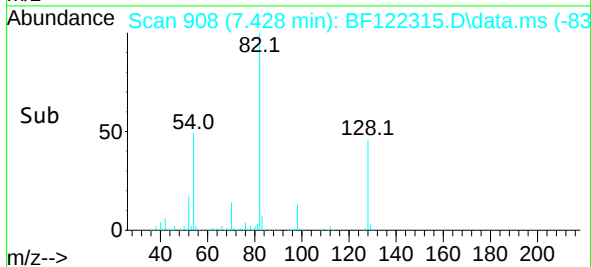
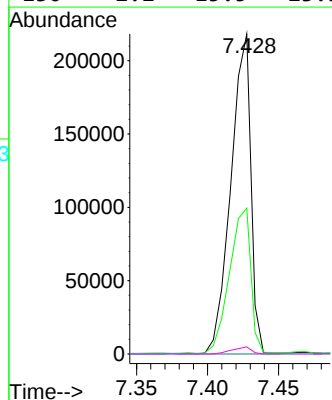
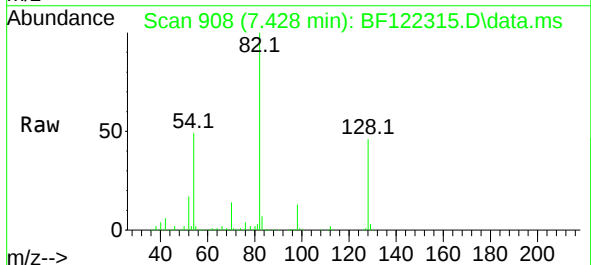
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

Tgt Ion: 99 Resp: 2467221
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion: 70 Resp: 213525
Ion Ratio Lower Upper
70 100
42 45.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



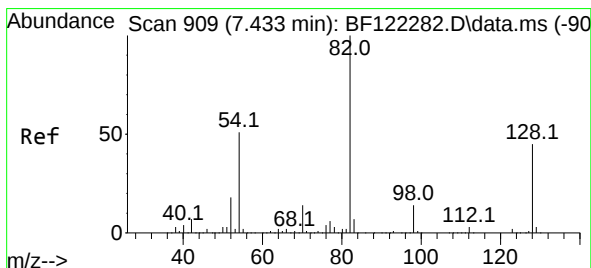
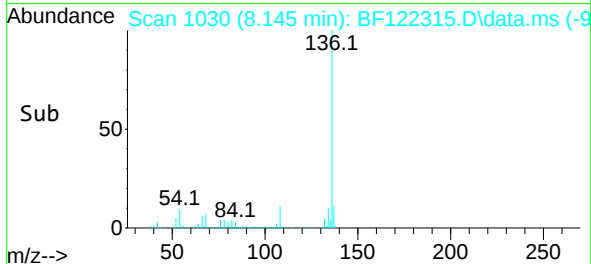
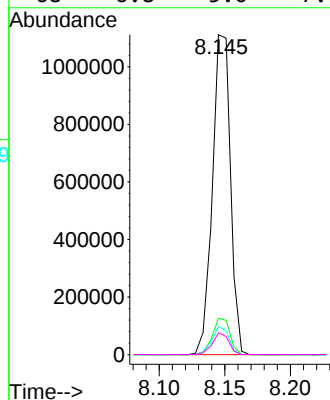
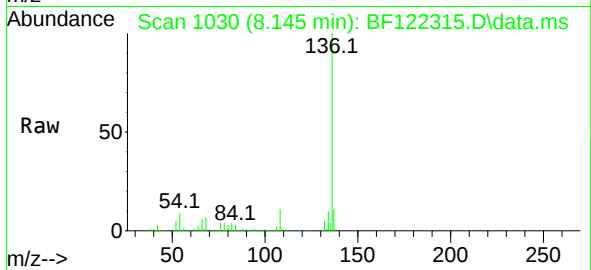


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

Tgt Ion:136 Resp: 1064152

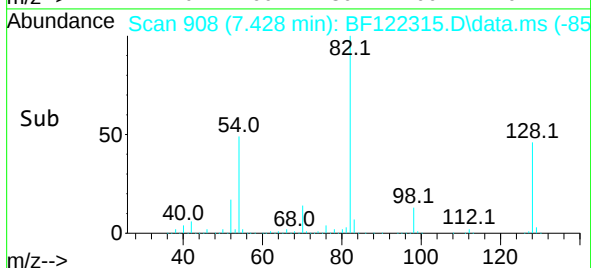
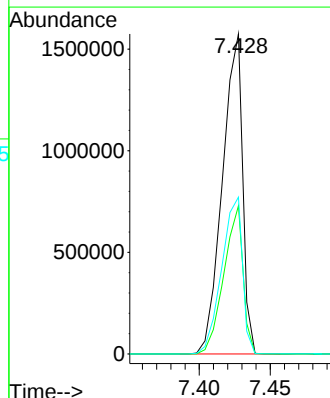
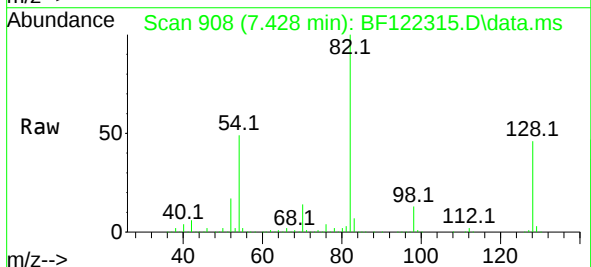
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.9	7.1	10.7
68	6.8	5.0	7.4

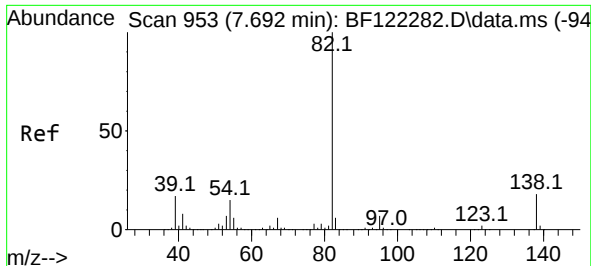


#23
Nitrobenzene-d5
Concen: 89.09 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion: 82 Resp: 1548640

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.0	52.4
54	49.0	43.9	65.9

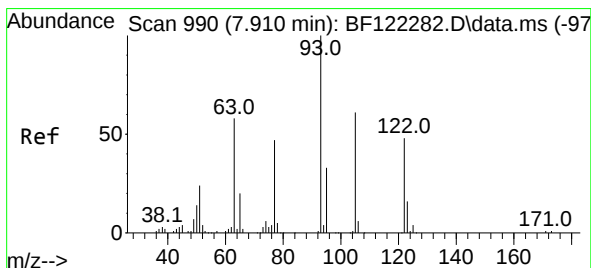
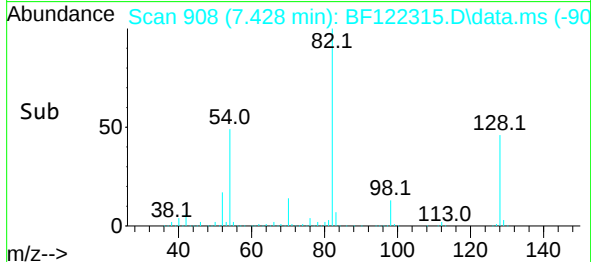
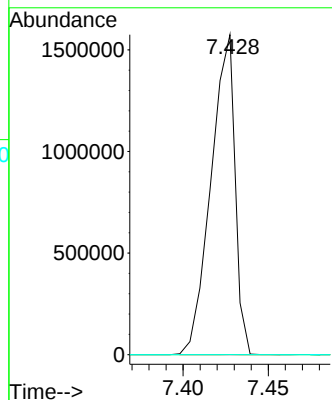
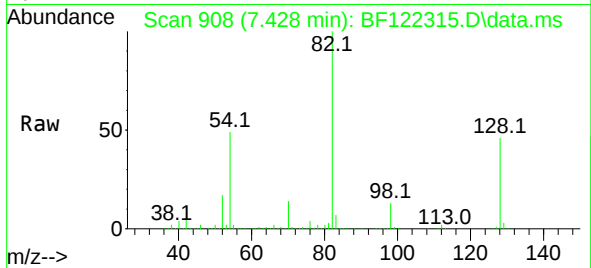




#25
Isophorone
Concen: 39.88 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

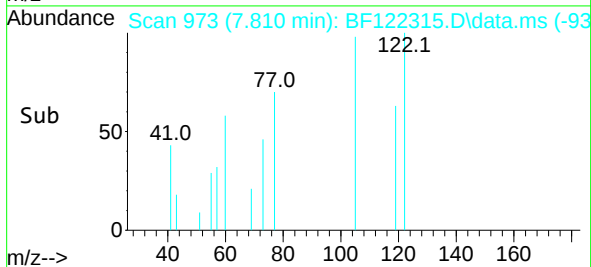
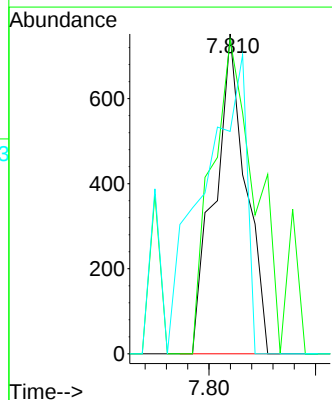
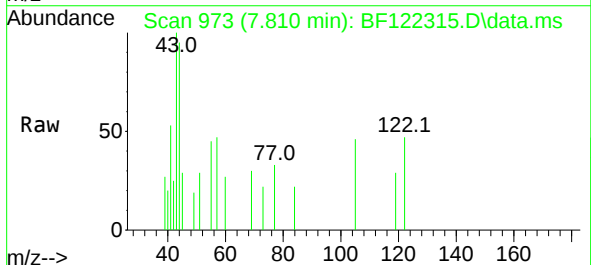
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

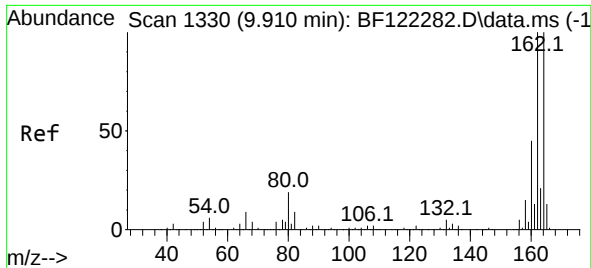
Tgt Ion: 82 Resp: 1545609
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.02 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:122 Resp: 766
Ion Ratio Lower Upper
122 100
105 98.3 103.3 143.3#
77 69.5 73.9 113.9#

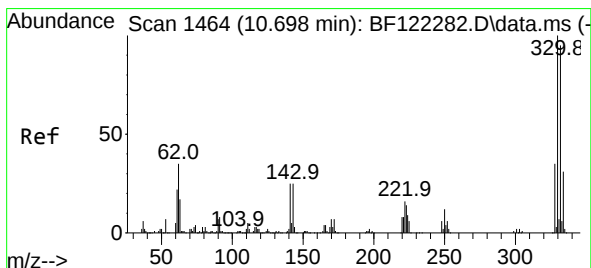
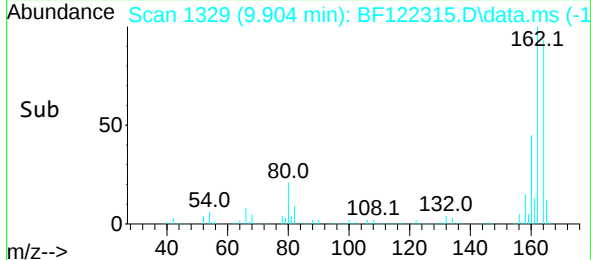
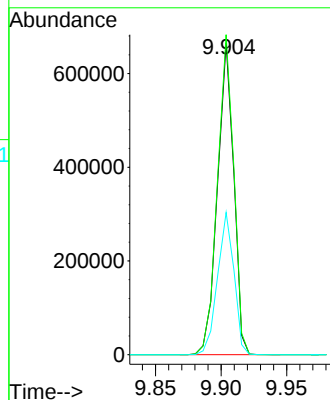
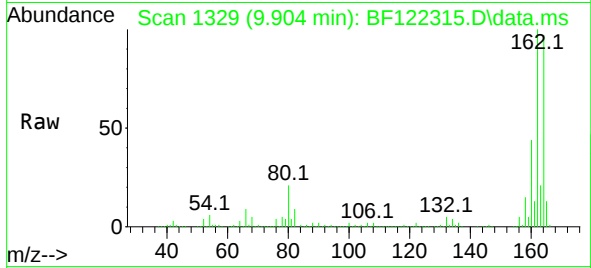




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

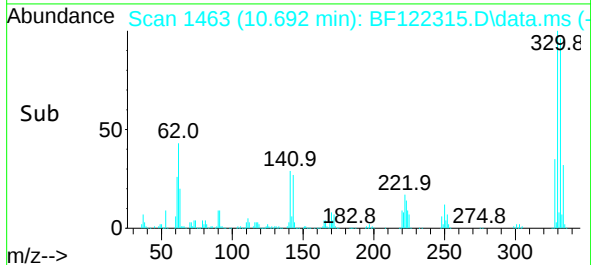
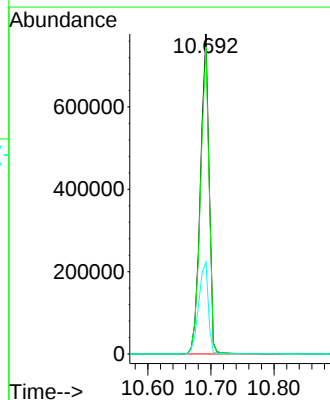
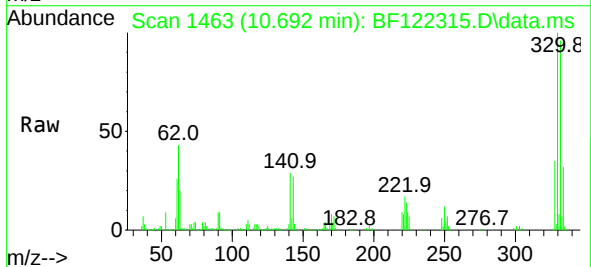
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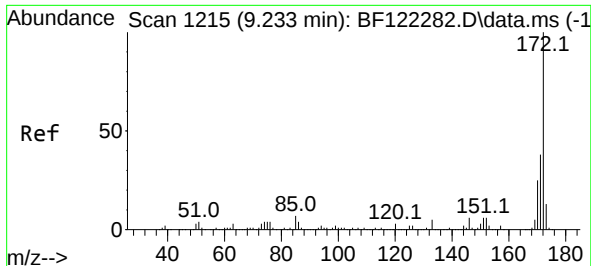
Tgt Ion:164 Resp: 572503
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 45.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 120.79 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:330 Resp: 742191
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.5 22.3 33.5

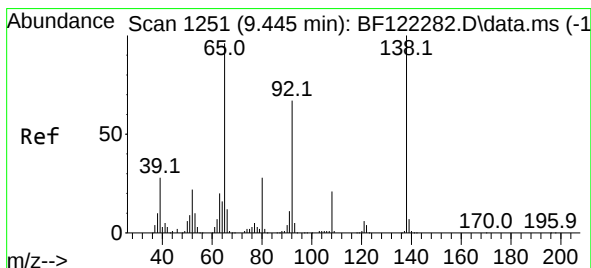
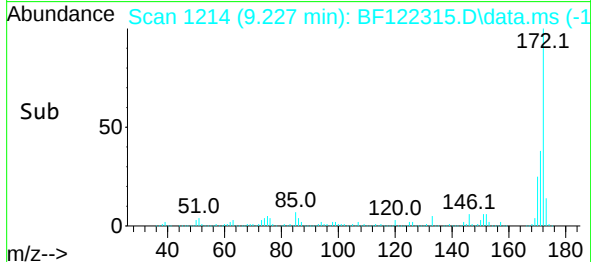
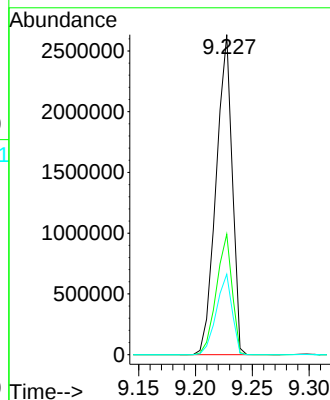
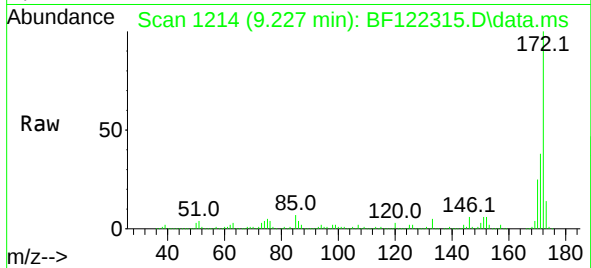




#45
2-Fluorobiphenyl
Concen: 70.77 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

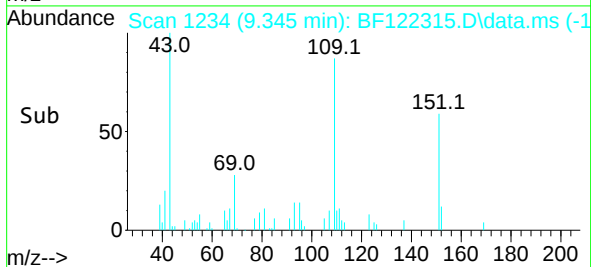
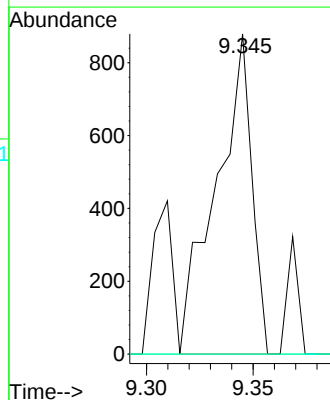
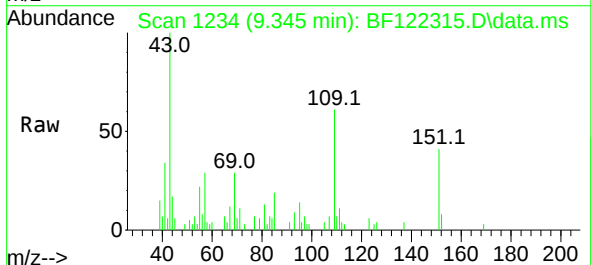
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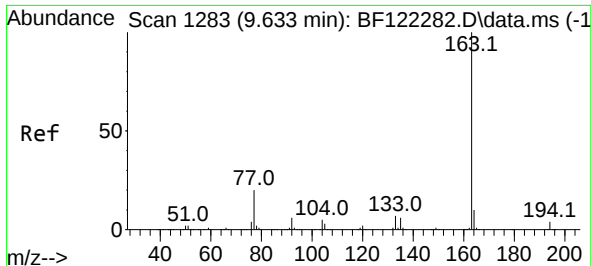
Tgt Ion:172 Resp: 2593069
Ion Ratio Lower Upper
172 100
171 37.7 29.1 43.7
170 25.2 19.8 29.6



#48
2-Nitroaniline
Concen: 5.25 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion: 65 Resp: 1023
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

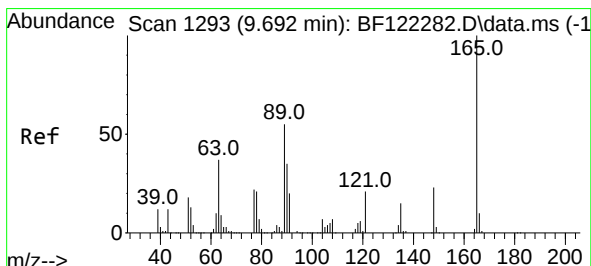
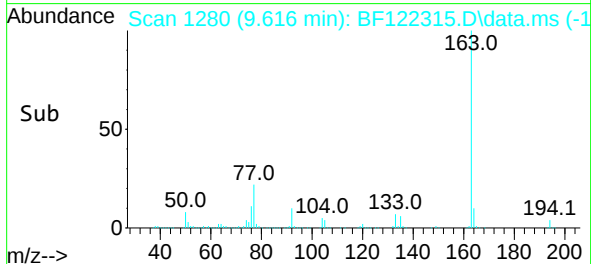
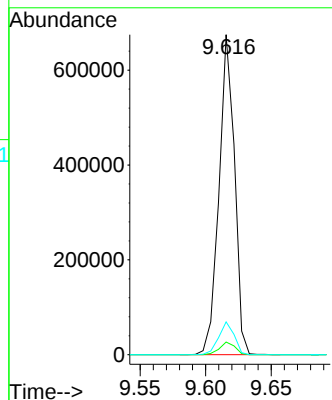
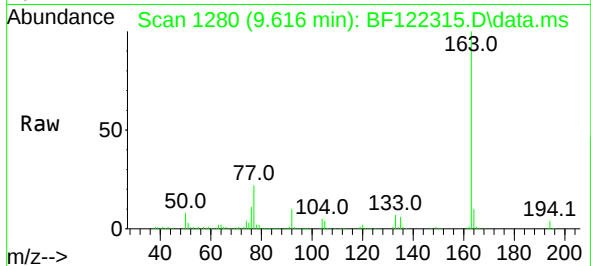




#50
Dimethylphthalate
Concen: 13.61 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

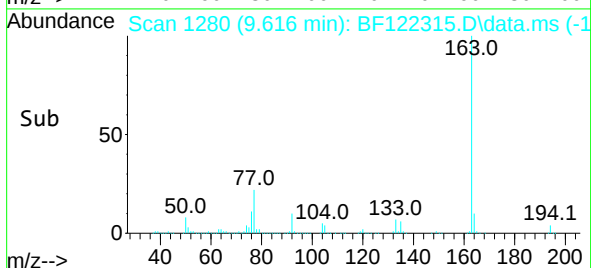
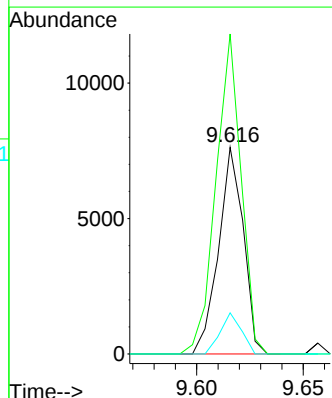
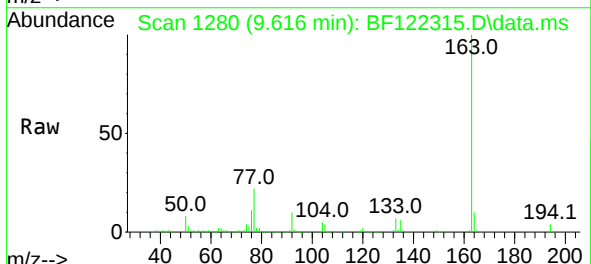
Instrument :
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M-5(10-20)

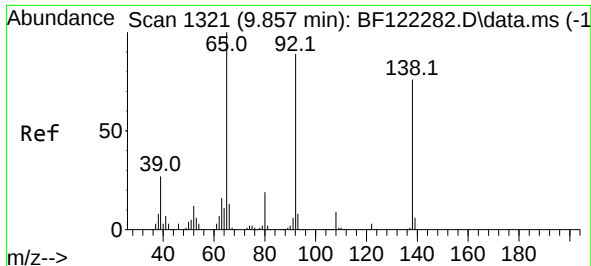
Tgt Ion:163 Resp: 554017
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.44 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:165 Resp: 6164
Ion Ratio Lower Upper
165 100
63 154.9 51.8 77.6#
89 19.9 49.0 73.6#

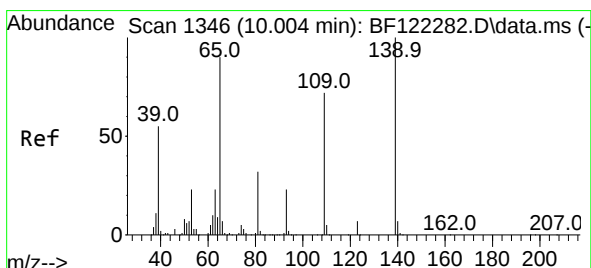
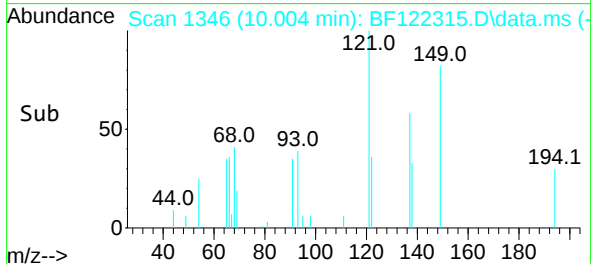
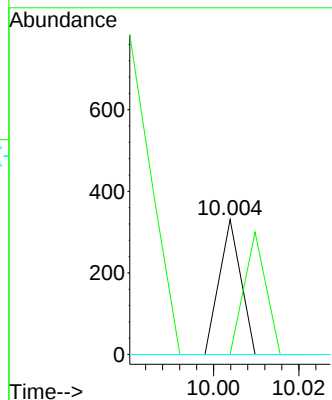
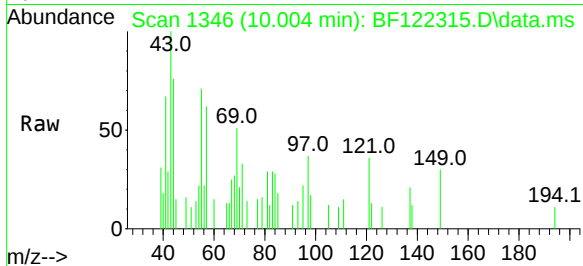




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.147 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

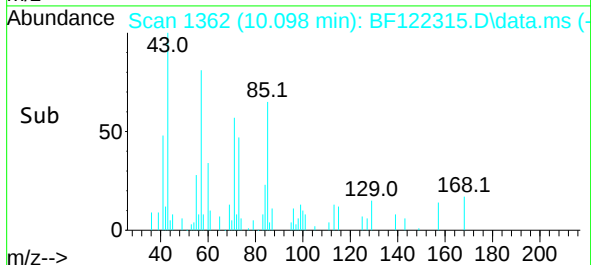
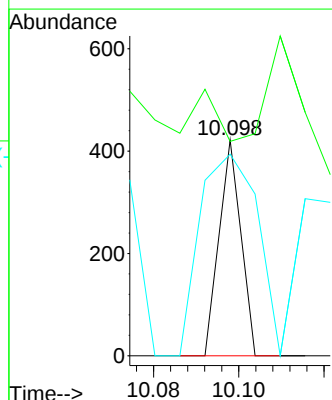
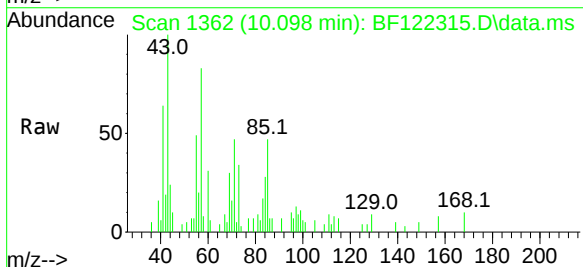
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

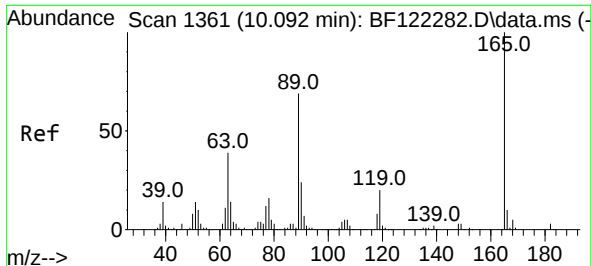
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.094 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

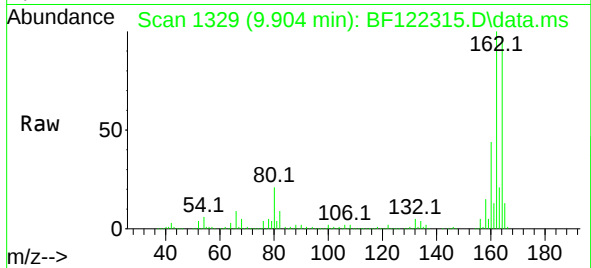
Tgt Ion:139 Resp: 149
Ion Ratio Lower Upper
139 100
109 99.3 45.4 85.4#
65 93.4 68.4 108.4



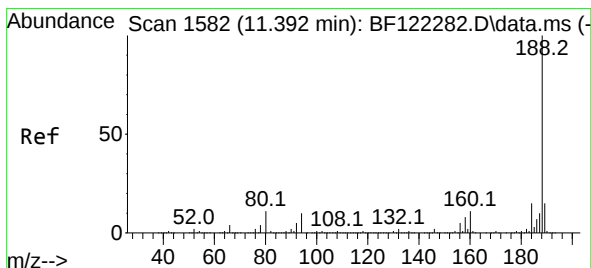
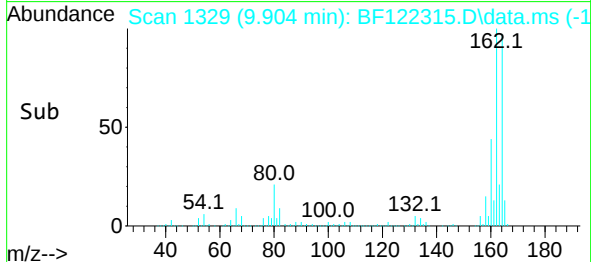
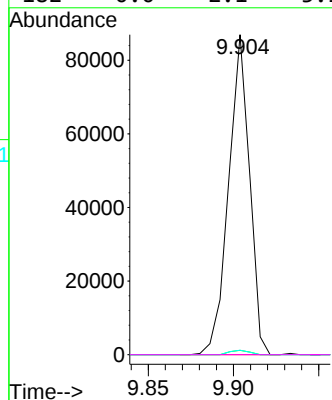


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

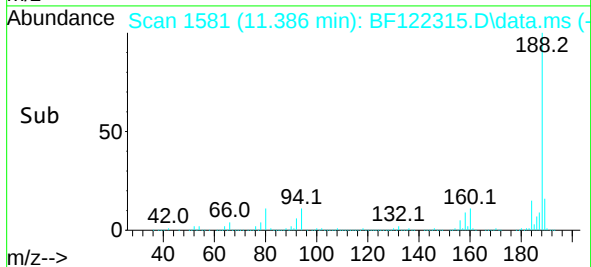
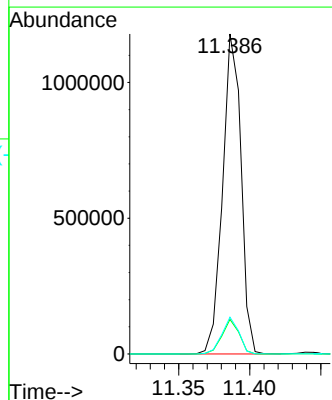
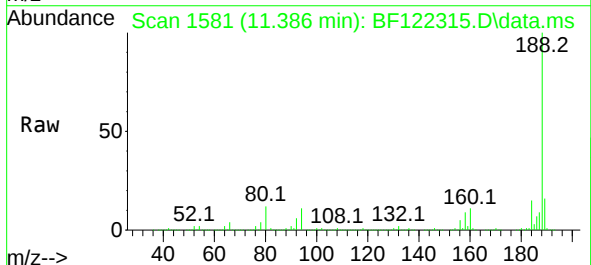


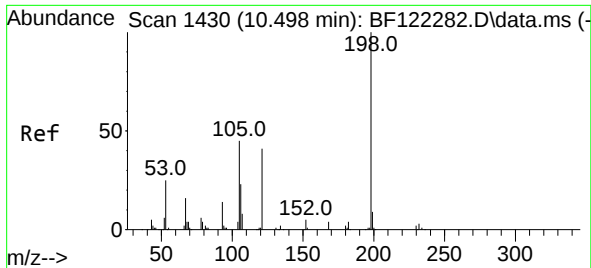
Tgt Ion:165 Resp: 74162
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:188 Resp: 1057867
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.5 9.1 13.7

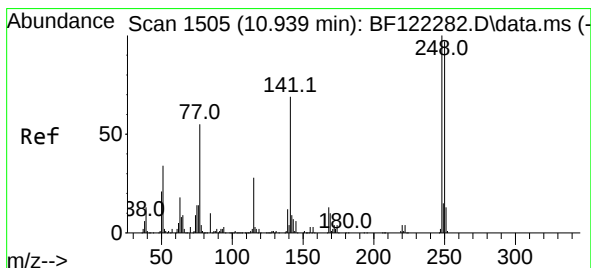
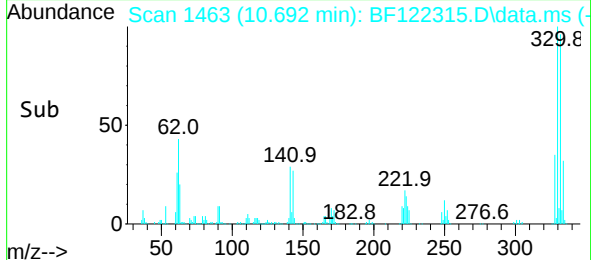
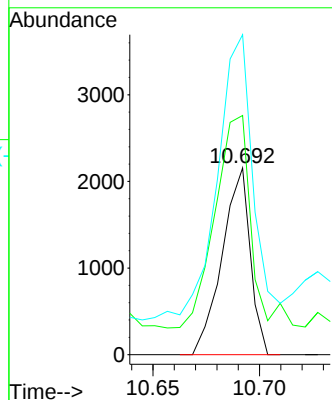
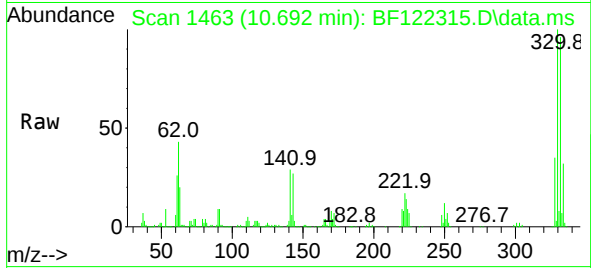




#65
4,6-Dinitro-2-methylphenol
Concen: 6.69 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

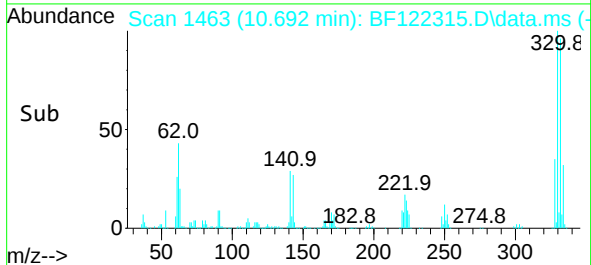
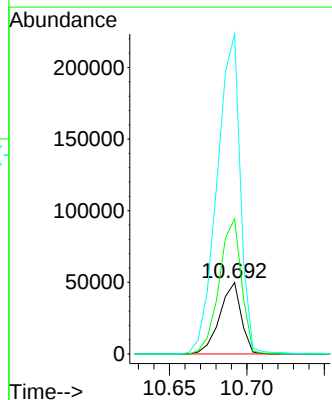
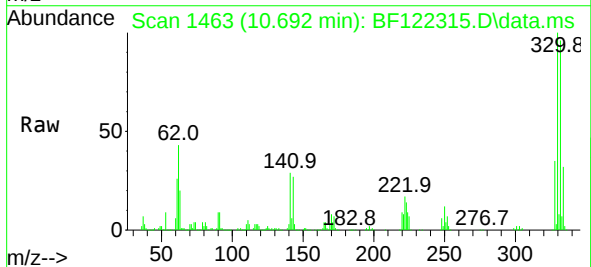
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

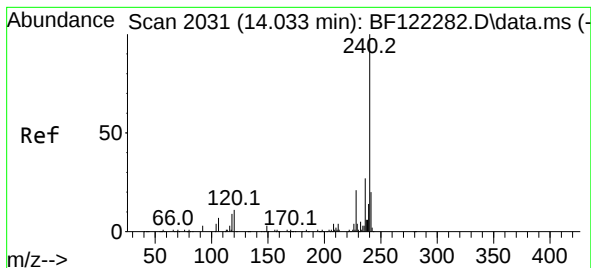
Tgt Ion:198 Resp: 1974
Ion Ratio Lower Upper
198 100
51 128.1 29.6 69.6#
105 171.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

Tgt Ion:248 Resp: 48120
Ion Ratio Lower Upper
248 100
250 189.1 77.0 115.6#
141 447.9 53.7 80.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF122315.D

Acq: 12 Nov 2020 15:00

Tgt Ion:240 Resp: 996454

Ion Ratio Lower Upper

240 100

120 10.8 9.2 13.8

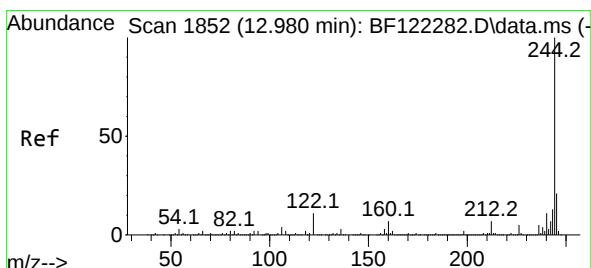
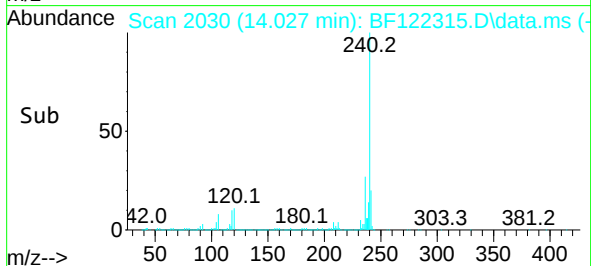
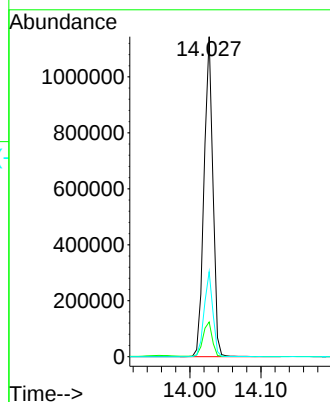
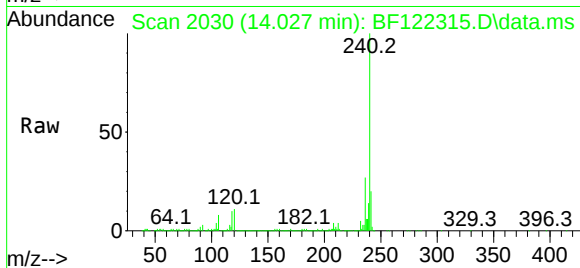
236 26.5 20.9 31.3

Instrument :

BNA_F

ClientSampleId :

M-5(10-20)



#79

Terphenyl-d14

Concen: 57.32 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF122315.D

Acq: 12 Nov 2020 15:00

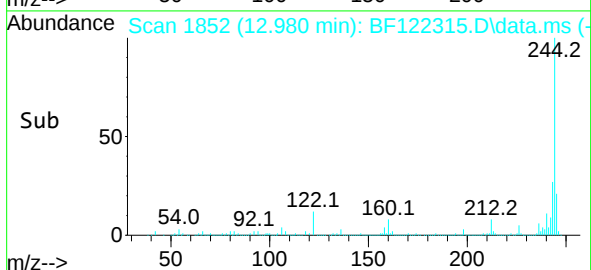
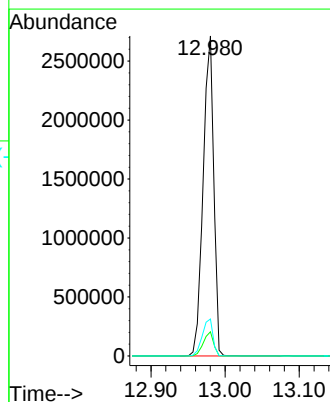
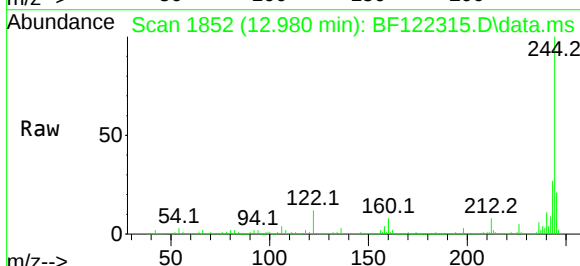
Tgt Ion:244 Resp: 2696079

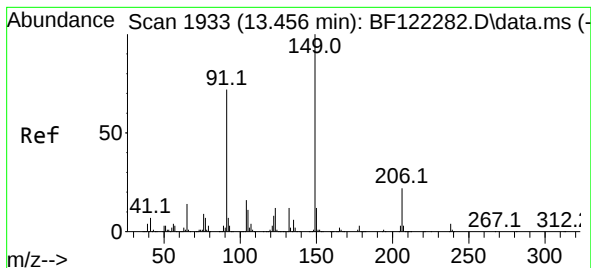
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 11.6 8.1 12.1

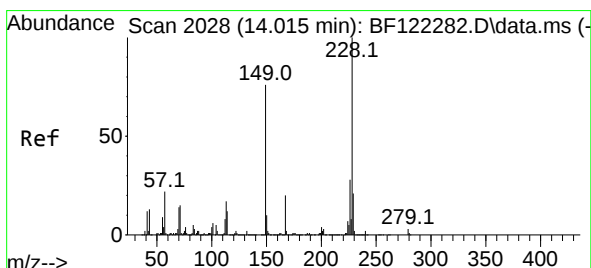
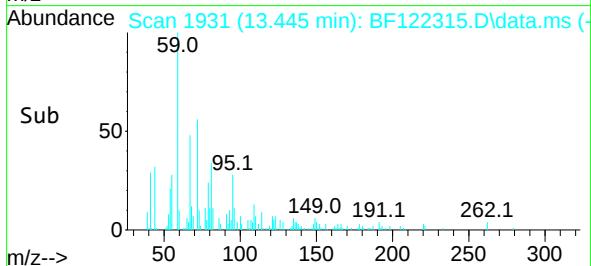
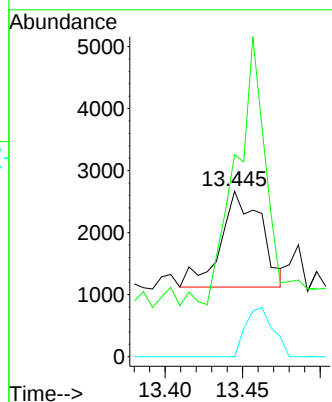
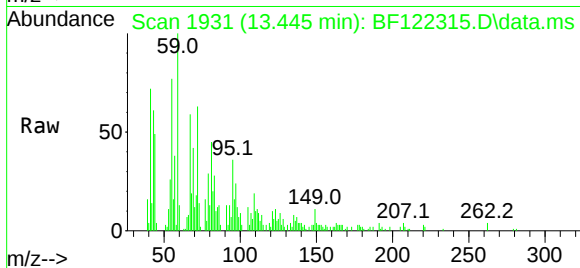




#80
Butylbenzylphthalate
Concen: 3.38 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.011 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

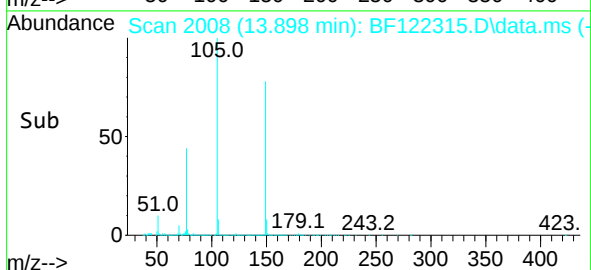
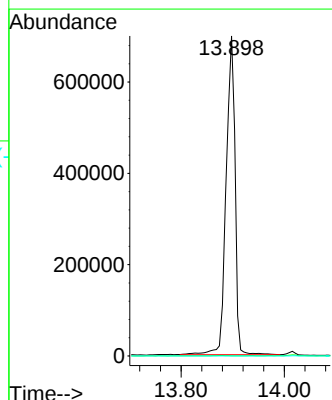
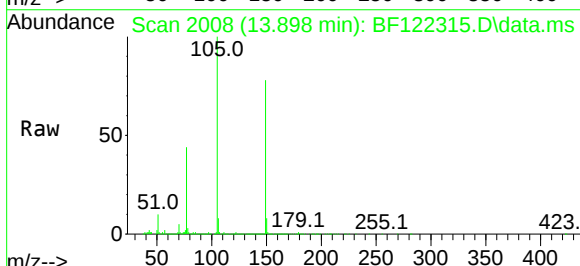
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)

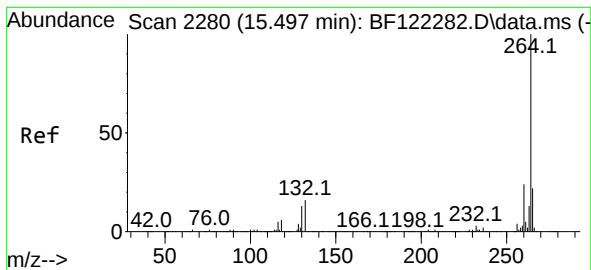
Tgt Ion:149 Resp: 2796
Ion Ratio Lower Upper
149 100
91 121.9 61.0 91.4#
206 0.0 16.7 25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 24.95 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.117 min
Lab File: BF122315.D
Acq: 12 Nov 2020 15:00

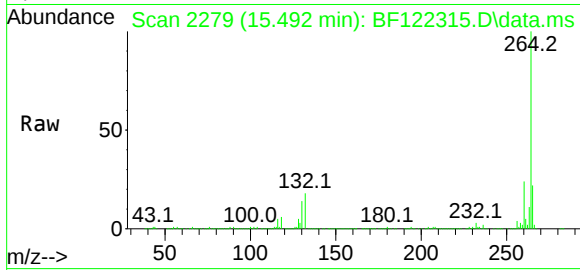
Tgt Ion:149 Resp: 842070
Ion Ratio Lower Upper
149 100
167 0.1 20.9 31.3#
279 0.0 3.2 4.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF122315.D
 Acq: 12 Nov 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)



Tgt Ion:264 Resp: 903858
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.2 17.3 25.9

