

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122546.D
 Acq On : 4 Dec 2020 15:30
 Operator : JU/CG
 Sample : L4938-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB1-TREATED-EFFLU

Quant Time: Dec 04 16:28:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

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

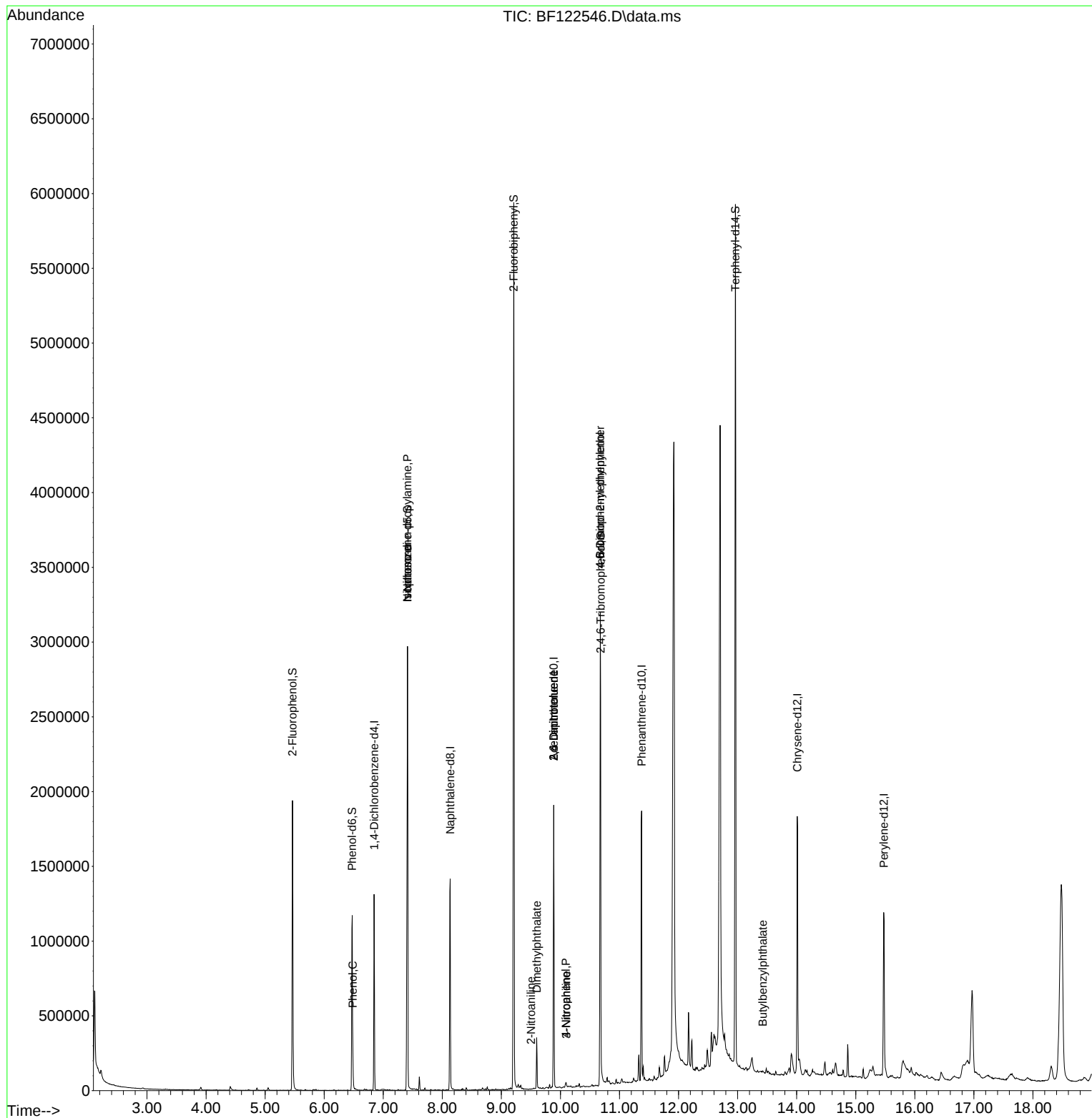
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	172309	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	659987	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	361531	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	677177	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	621501	20.00	ng	-0.01
86) Perylene-d12	15.474	264	532156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	552327	49.22	ng	0.00
7) Phenol-d6	6.475	99	412506	28.10	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1040596	96.52	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	443883	114.40	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1876944	81.12	ng	0.00
79) Terphenyl-d14	12.963	244	1901968	64.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	527	Below Cal	#	82
10) Phenol	6.487	94	54552	3.77 ng		77
19) n-Nitroso-di-n-propyla...	7.410	70	141948	16.18 ng	#	73
25) Isophorone	7.410	82	1025682	42.68 ng	#	67
48) 2-Nitroaniline	9.504	65	109	5.18 ng	#	6
50) Dimethylphthalate	9.598	163	127429	4.96 ng		99
51) 2,6-Dinitrotoluene	9.886	165	46864	11.36 ng	#	21
53) 3-Nitroaniline	10.098	138	361	3.61 ng	#	1
56) 4-Nitrophenol	10.092	139	494	5.49 ng	#	7
57) 2,4-Dinitrotoluene	9.886	165	46864	10.58 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.675	198	827	6.50 ng	#	1
67) 4-Bromophenyl-phenylether	10.675	248	29174	3.67 ng	#	1
80) Butylbenzylphthalate	13.427	149	1024	3.34 ng	#	70

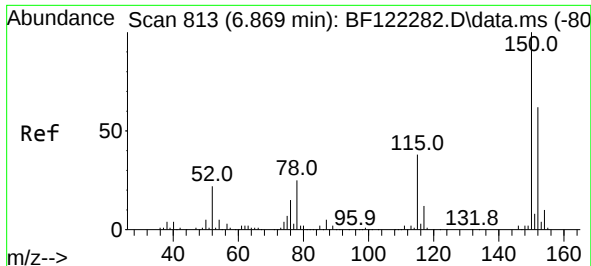
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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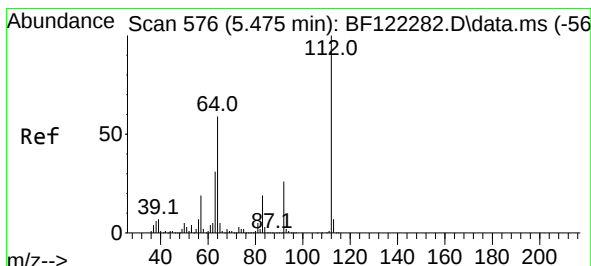
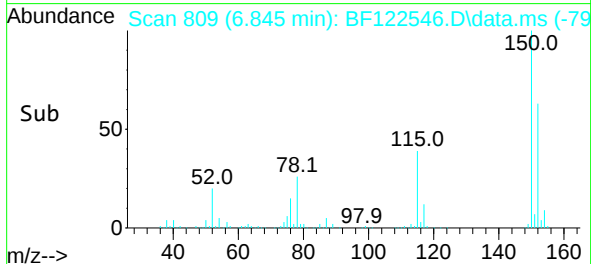
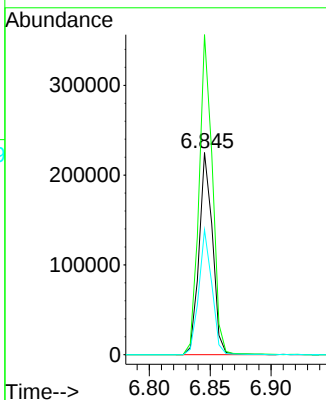
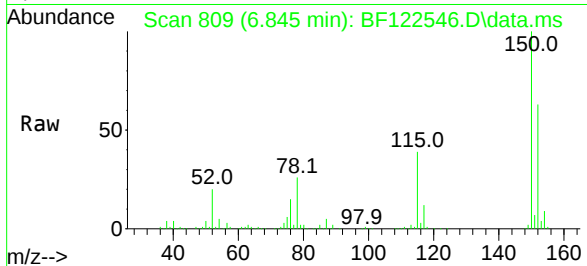




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

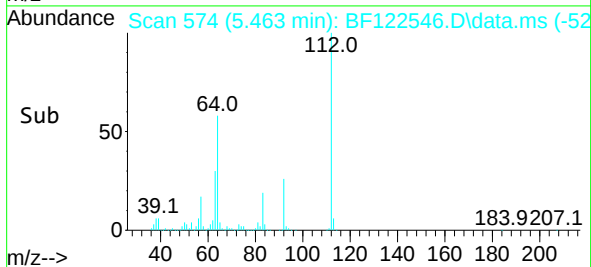
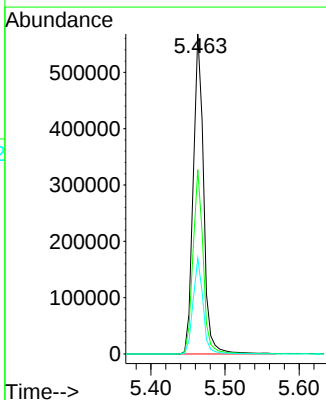
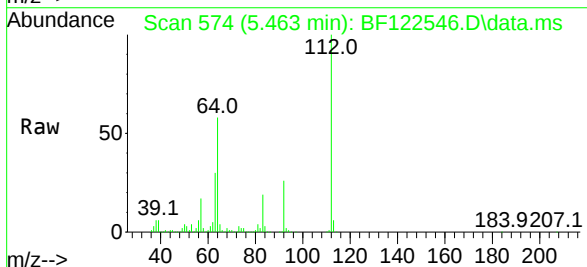
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

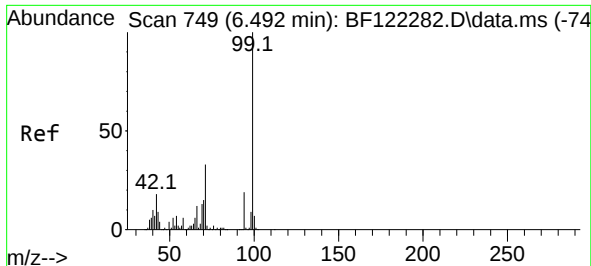
Tgt Ion:152 Resp: 172309
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 61.8 51.9 77.9



#5
2-Fluorophenol
Concen: 49.22 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:112 Resp: 552327
Ion Ratio Lower Upper
112 100
64 57.6 50.4 75.6
63 29.9 25.8 38.6

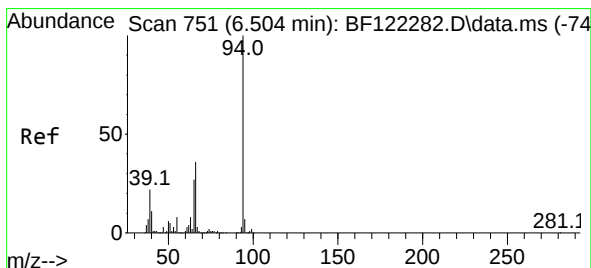
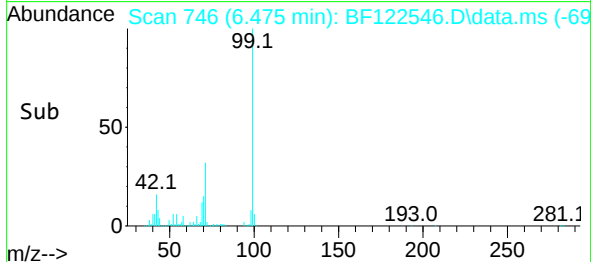
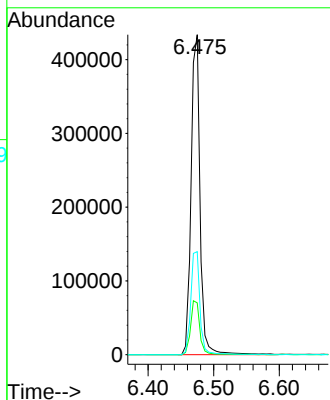
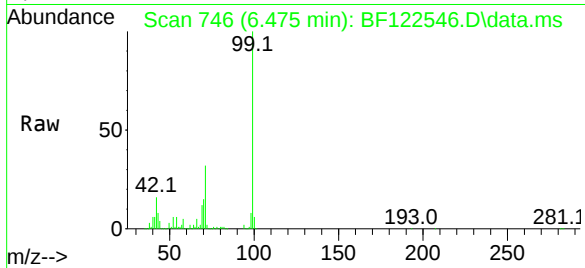




#7
Phenol-d6
Concen: 28.10 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

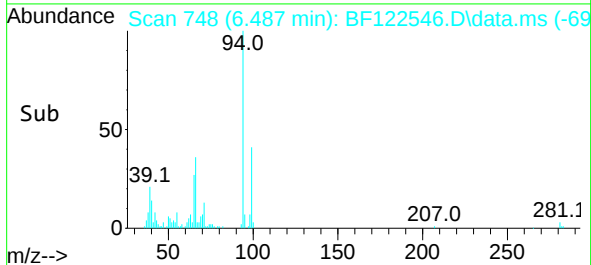
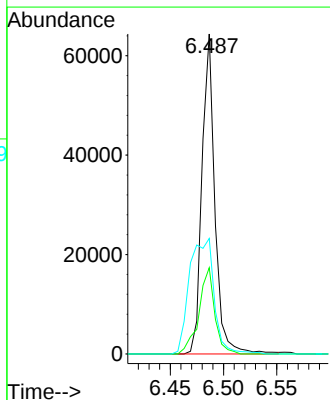
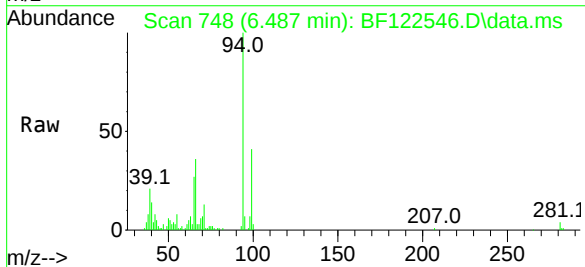
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

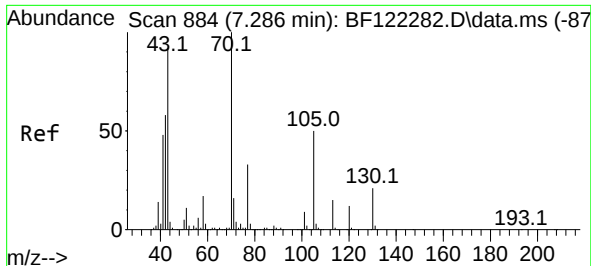
Tgt Ion: 99 Resp: 412506
Ion Ratio Lower Upper
99 100
42 16.2 15.9 23.9
71 32.2 27.1 40.7



#10
Phenol
Concen: 3.77 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

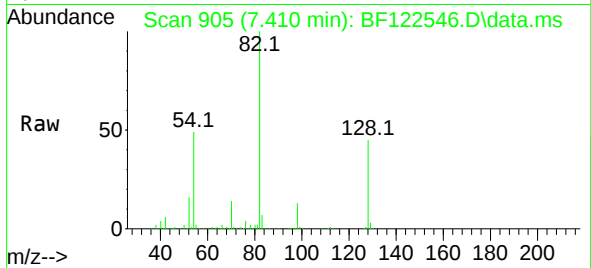
Tgt Ion: 94 Resp: 54552
Ion Ratio Lower Upper
94 100
65 26.9 17.1 57.1
66 36.1 36.0 76.0



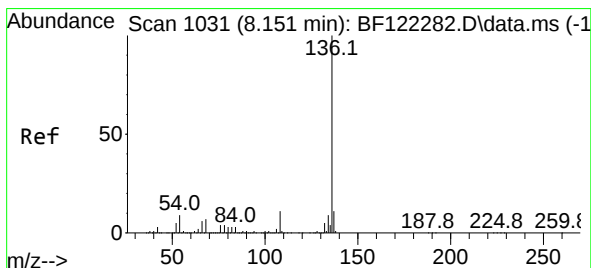
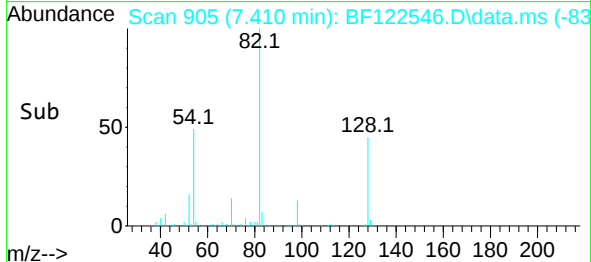
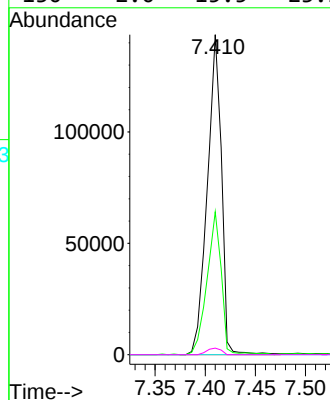


#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

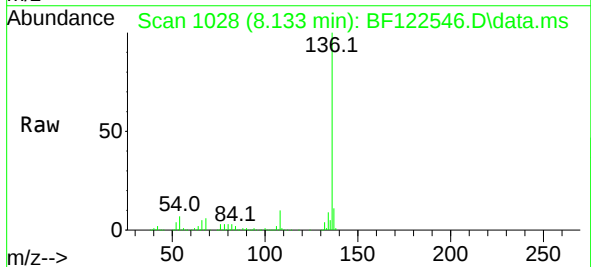
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU



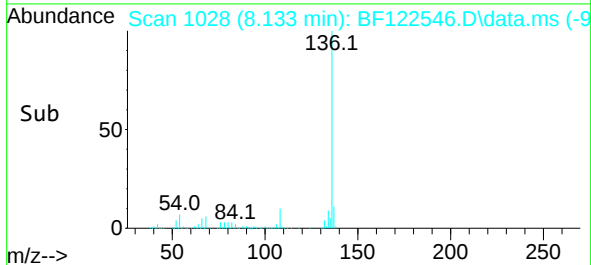
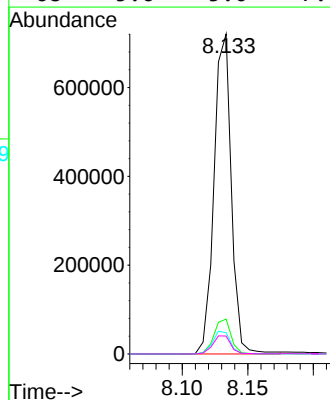
Tgt Ion: 70 Resp: 141948
Ion Ratio Lower Upper
70 100
42 44.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

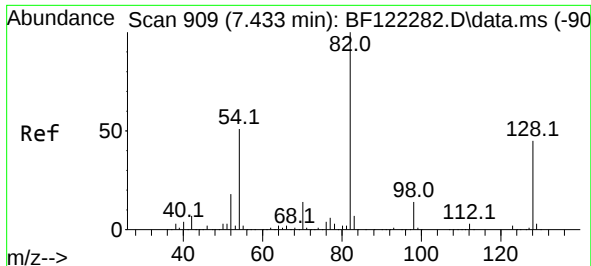


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30



Tgt Ion: 136 Resp: 659987
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.7 7.1 10.7#
68 5.6 5.0 7.4

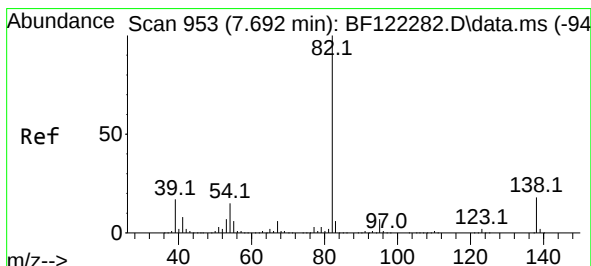
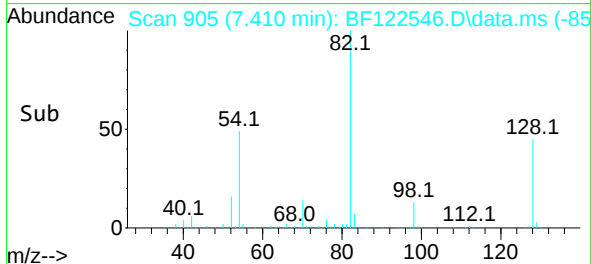
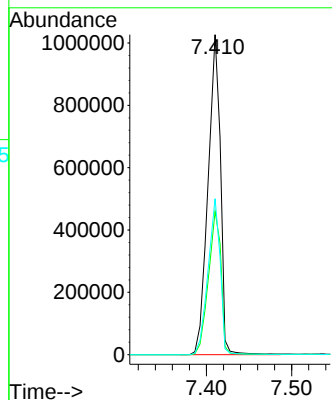
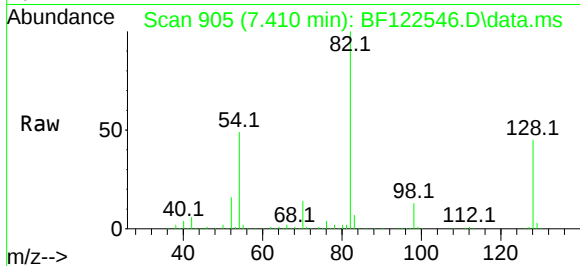




#23
Nitrobenzene-d5
Concen: 96.52 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

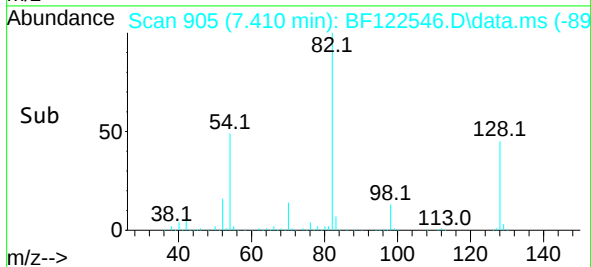
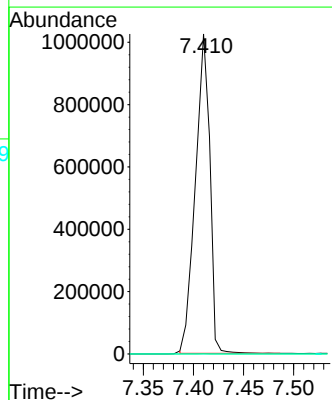
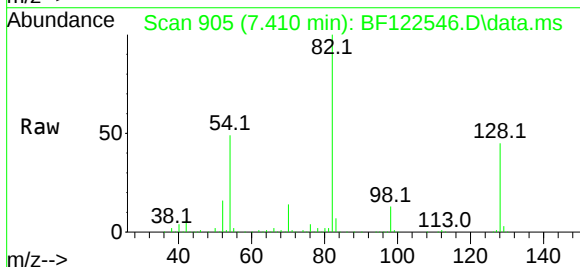
Instrument :
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ClientSampleId :
IB1-TREATED-EFFLU

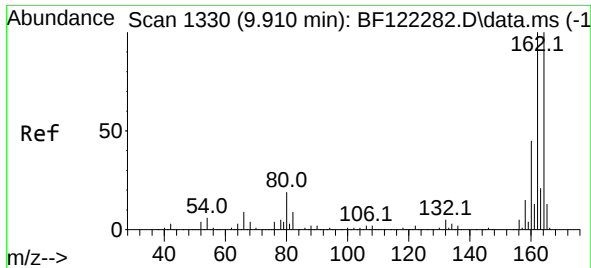
Tgt Ion: 82 Resp: 1040596
Ion Ratio Lower Upper
82 100
128 44.8 35.0 52.4
54 48.7 43.9 65.9



#25
Isophorone
Concen: 42.68 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion: 82 Resp: 1025682
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

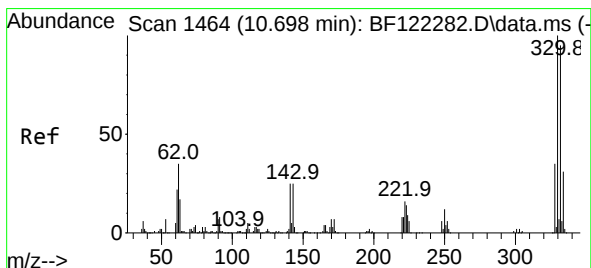
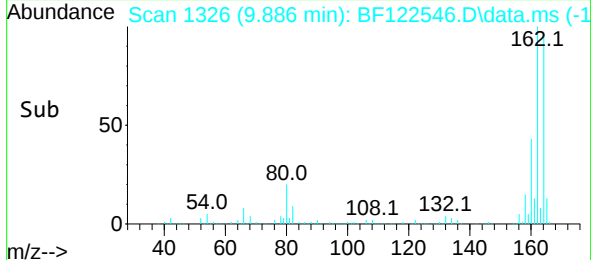
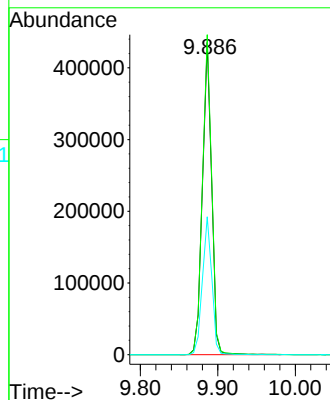
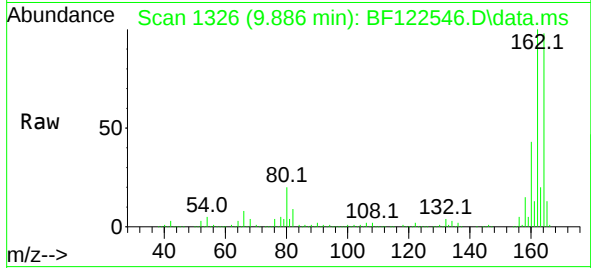




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

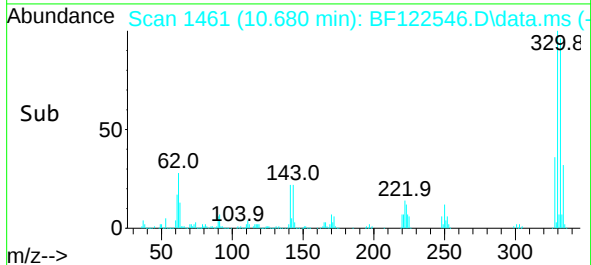
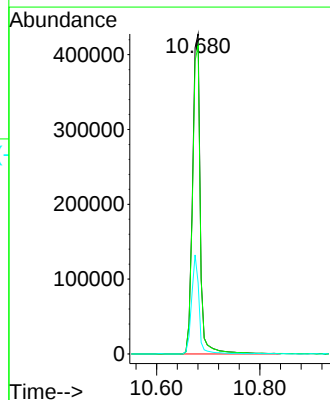
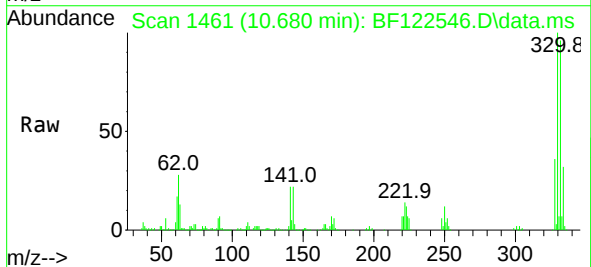
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IB1-TREATED-EFFLU

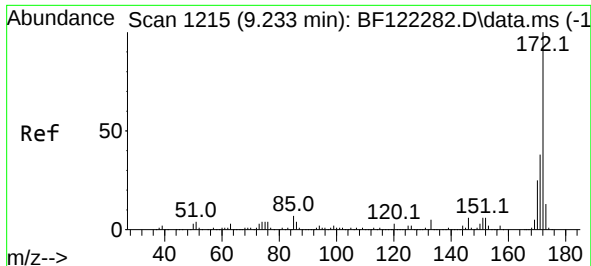
Tgt Ion:164 Resp: 361531
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 44.1 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 114.40 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:330 Resp: 443883
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 29.6 22.3 33.5

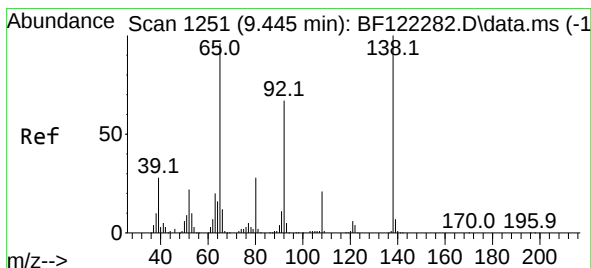
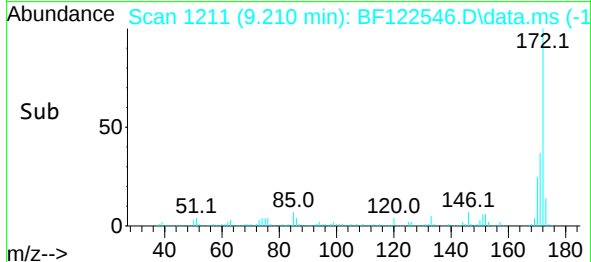
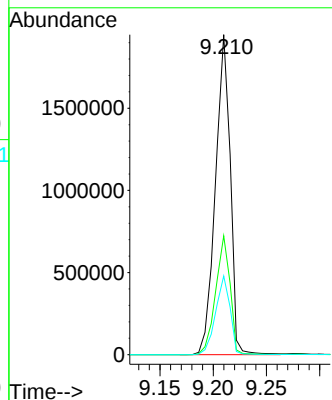
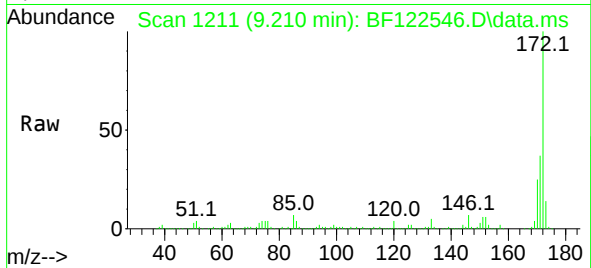




#45
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

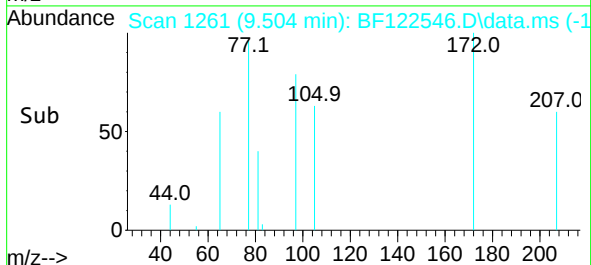
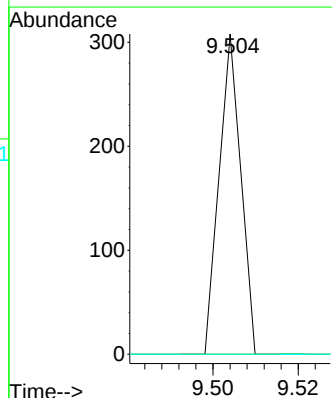
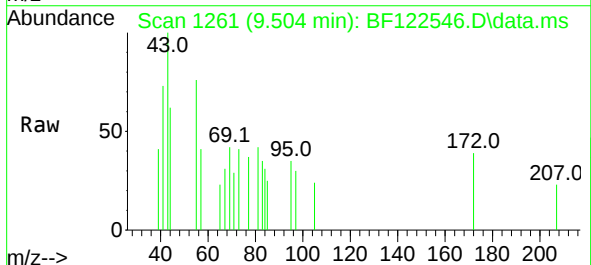
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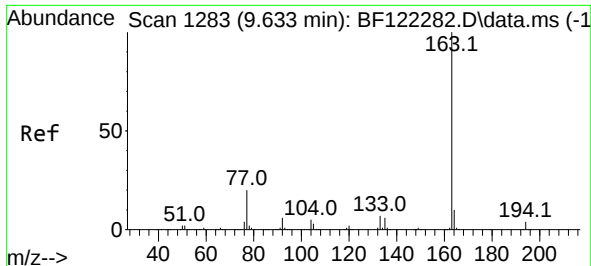
Tgt Ion:172 Resp: 1876944
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.071 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

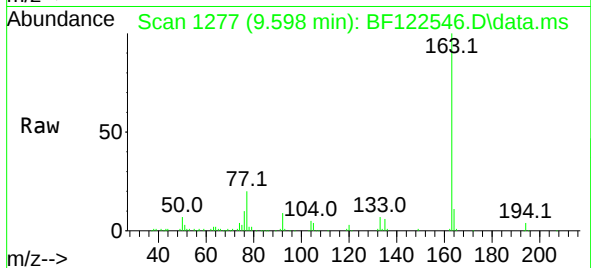
Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



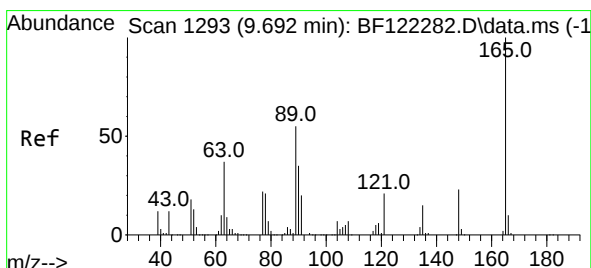
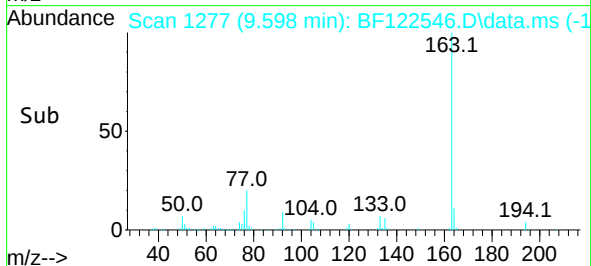
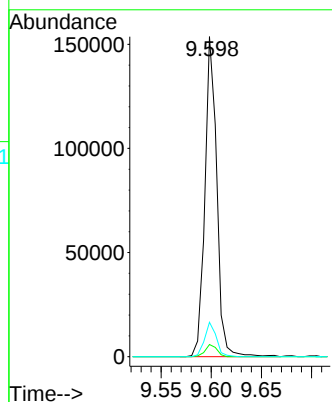


#50
Dimethylphthalate
Concen: 4.96 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

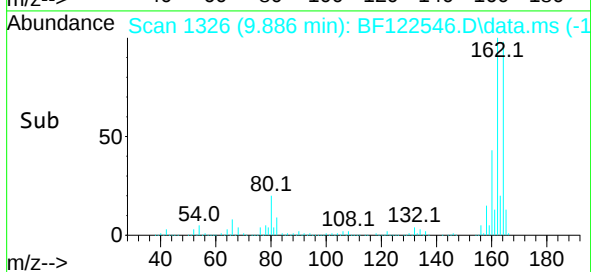
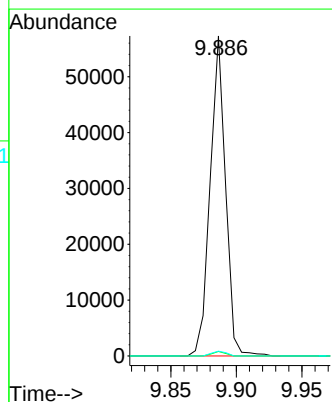
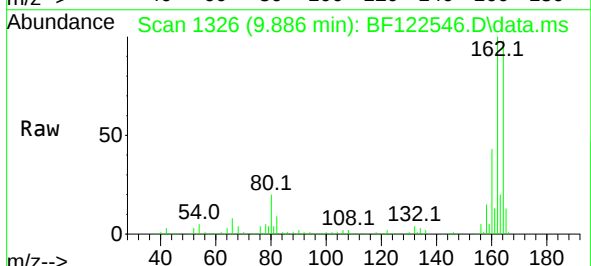


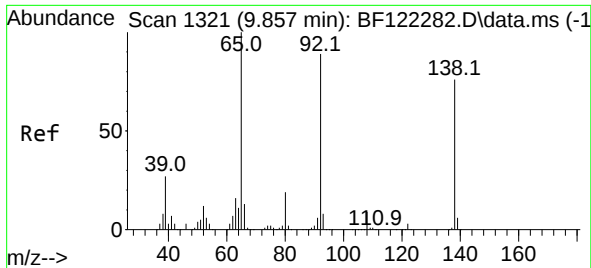
Tgt Ion:163 Resp: 127429
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.8 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.36 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:165 Resp: 46864
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.5 49.0 73.6#

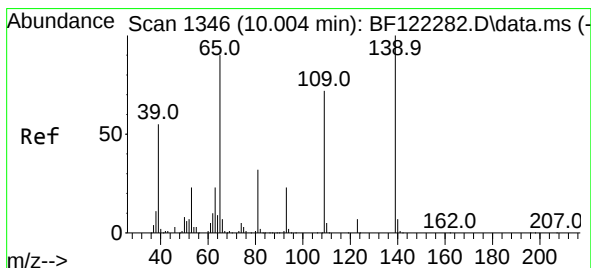
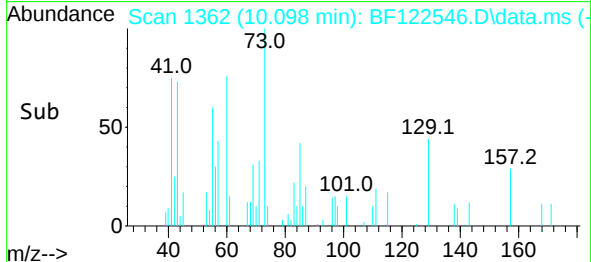
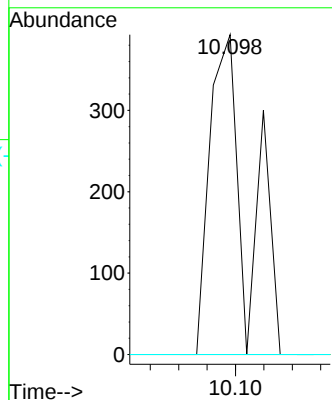
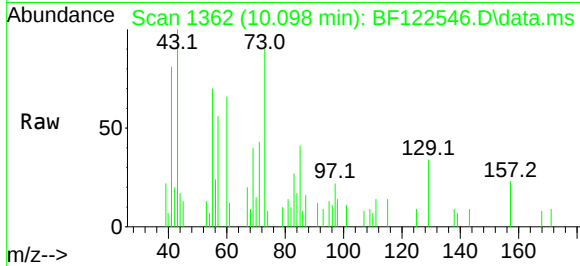




#53
3-Nitroaniline
Concen: 3.61 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.253 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

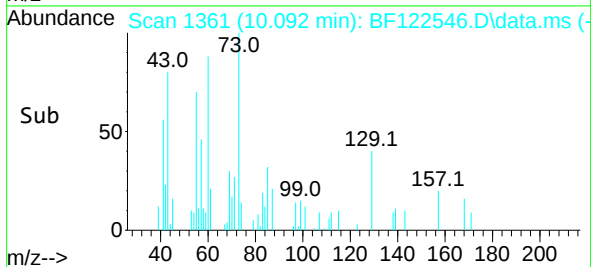
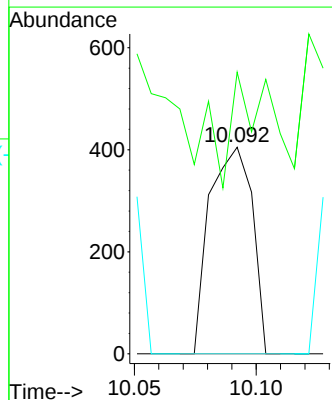
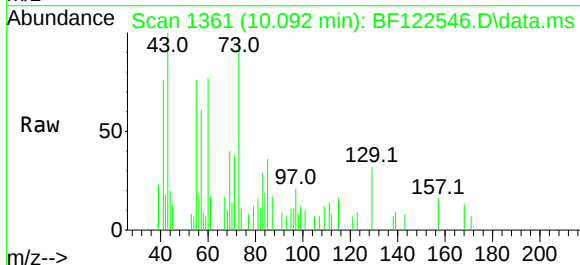
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

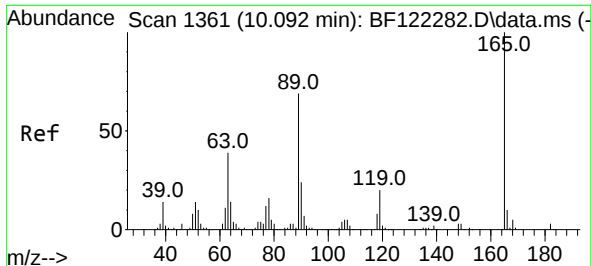
Tgt Ion:138 Resp: 361
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.49 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.088 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

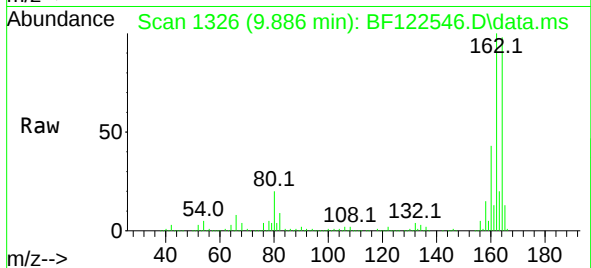
Tgt Ion:139 Resp: 494
Ion Ratio Lower Upper
139 100
109 136.3 45.4 85.4#
65 0.0 68.4 108.4#



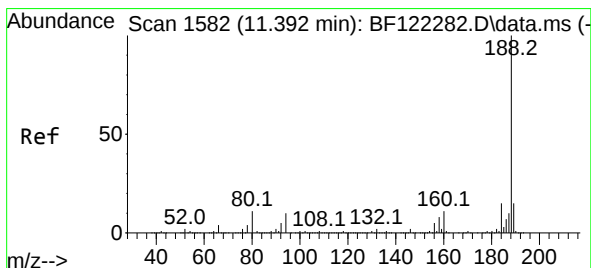
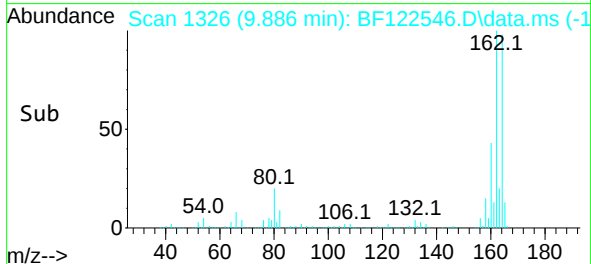
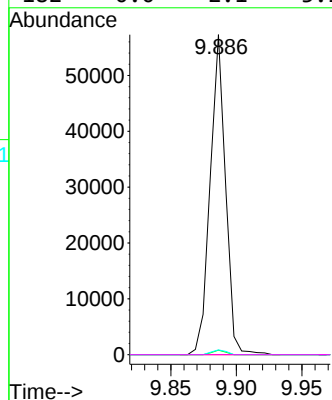


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

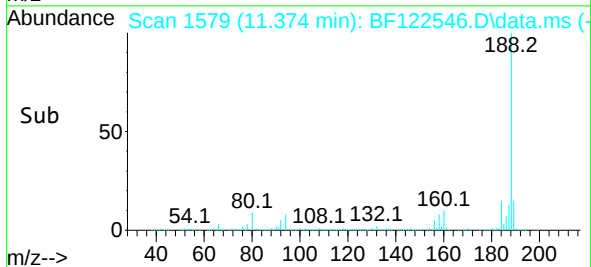
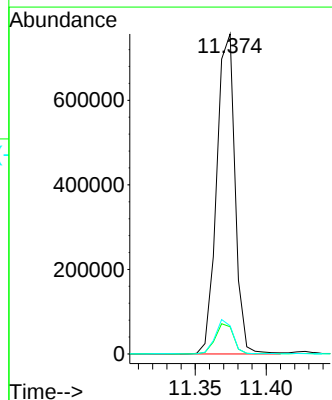
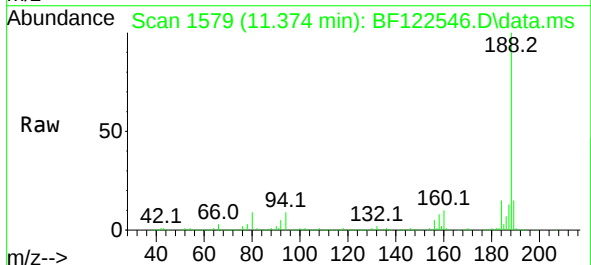


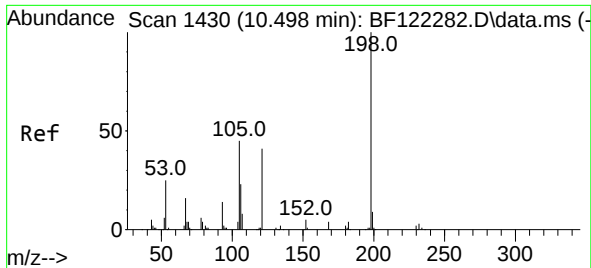
Tgt Ion:165 Resp: 46864
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:188 Resp: 677177
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 8.8 9.1 13.7#

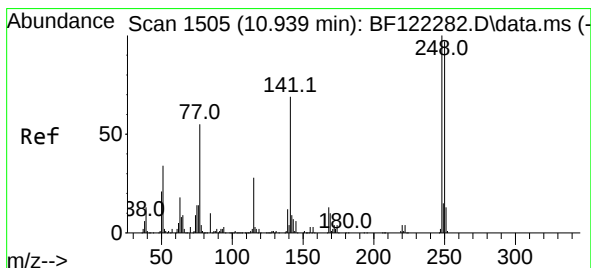
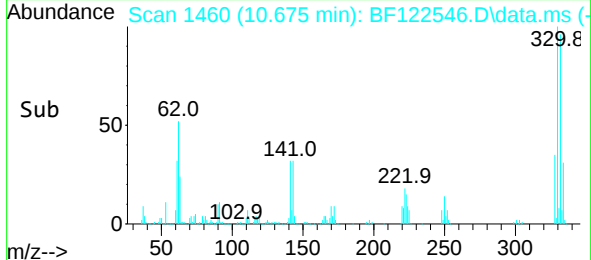
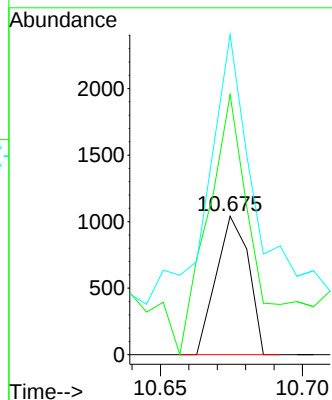
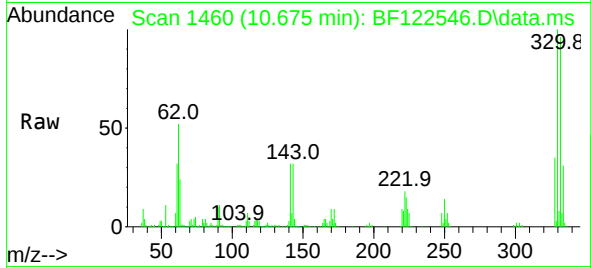




#65
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

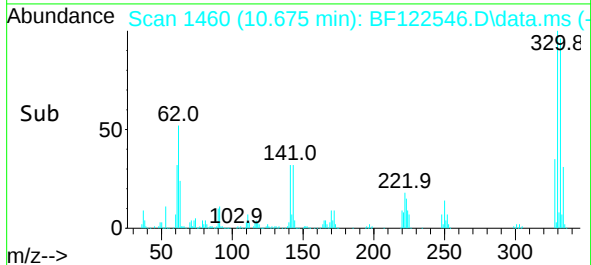
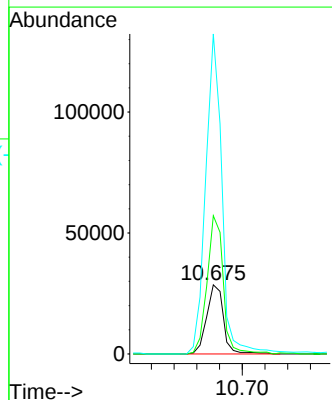
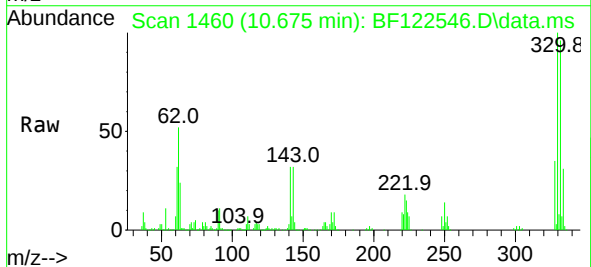
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

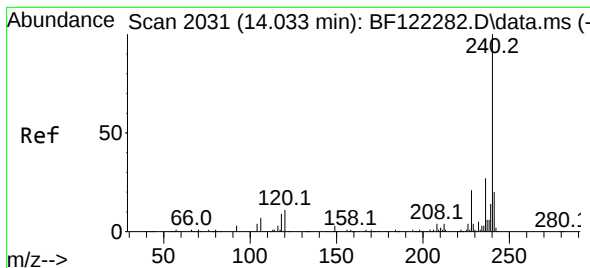
Tgt Ion:198 Resp: 827
Ion Ratio Lower Upper
198 100
51 187.9 29.6 69.6#
105 231.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:248 Resp: 29174
Ion Ratio Lower Upper
248 100
250 199.8 77.0 115.6#
141 462.8 53.7 80.5#

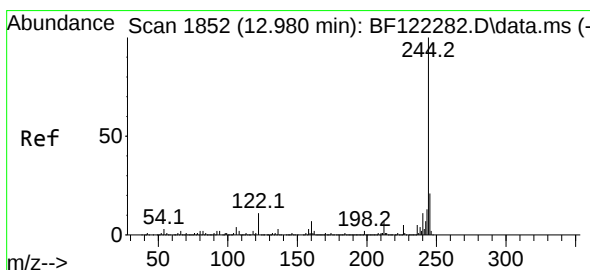
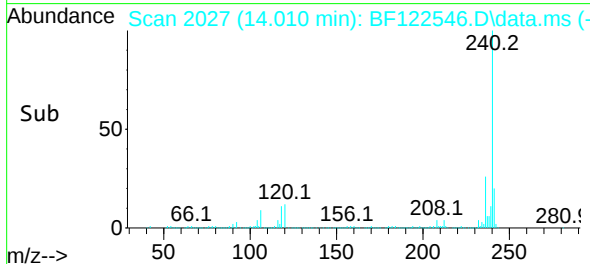
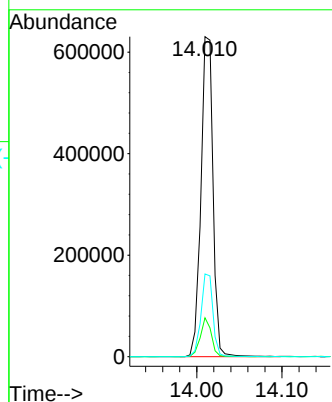
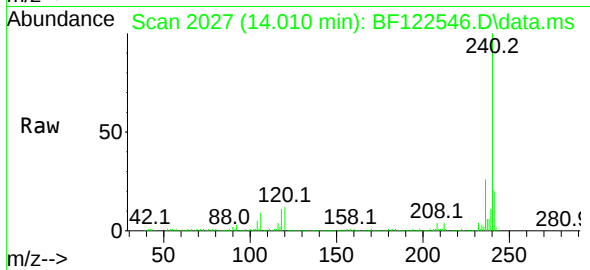




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

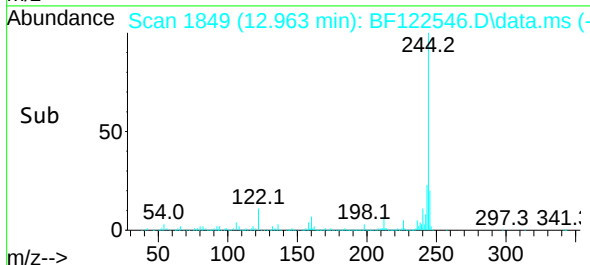
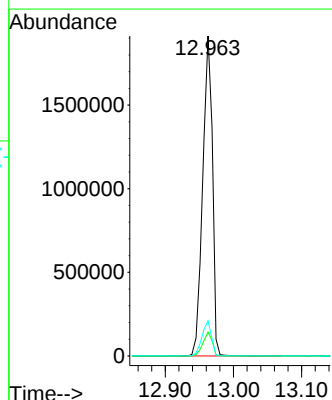
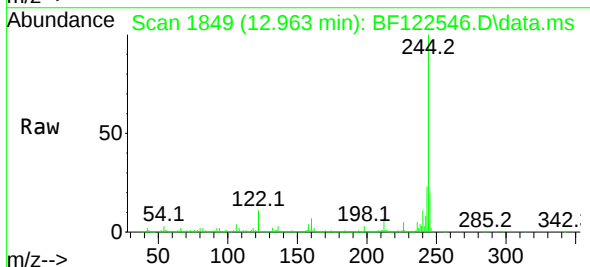
Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

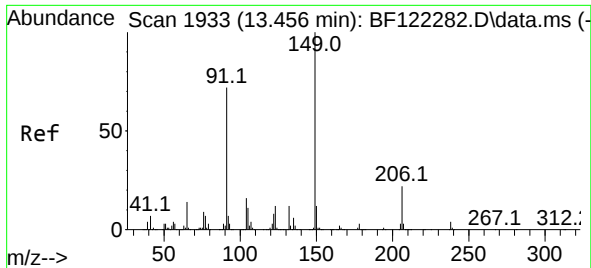
Tgt Ion:240 Resp: 621501
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 64.83 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:244 Resp: 1901968
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.0 8.1 12.1

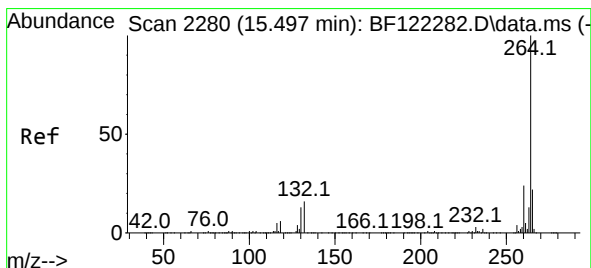
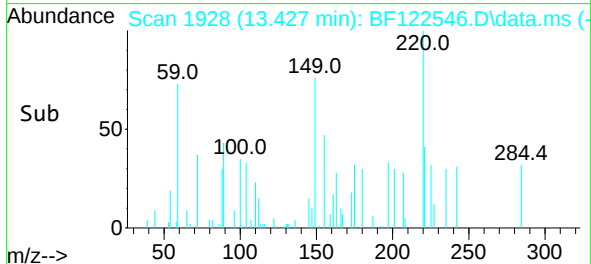
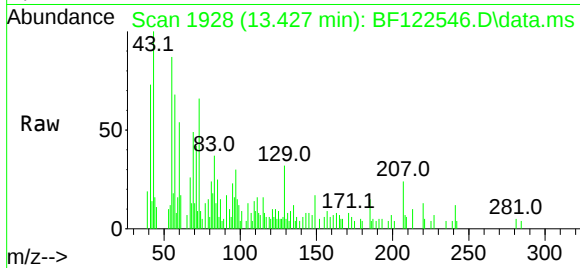




#80
Butylbenzylphthalate
Concen: 3.34 ng
RT: 13.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Instrument :
BNA_F
ClientSampleId :
IB1-TREATED-EFFLU

Tgt Ion:149 Resp: 1024
Ion Ratio Lower Upper
149 100
91 99.0 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF122546.D
Acq: 4 Dec 2020 15:30

Tgt Ion:264 Resp: 532156
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.3 25.9

