

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122407.D
 Acq On : 20 Nov 2020 17:11
 Operator : JU/CG
 Sample : L4809-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-F

Quant Time: Nov 20 17:38:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

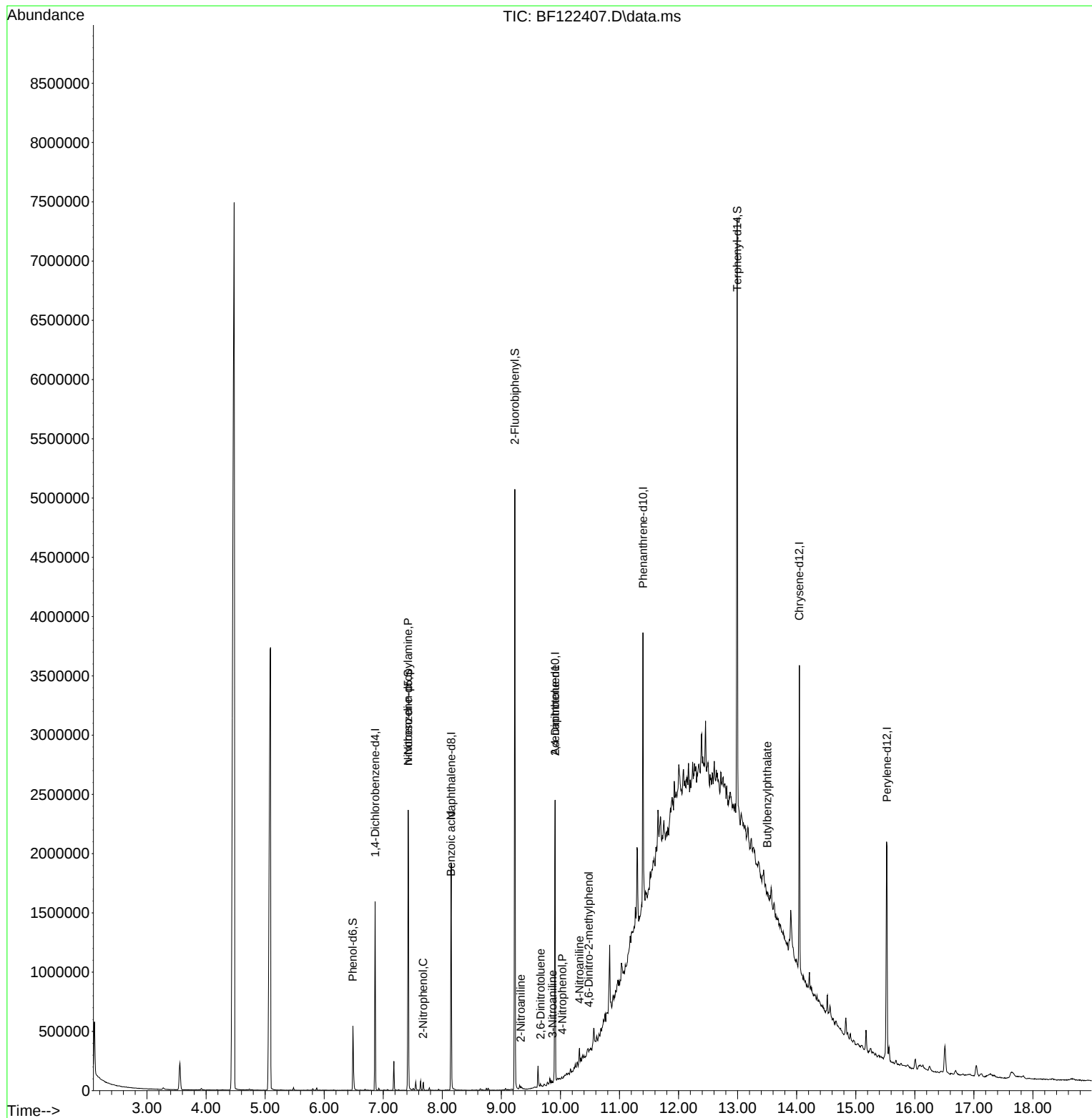
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	213545	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	831697	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	465145	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	820776	20.00	ng	0.00
76) Chrysene-d12	14.045	240	868049	20.00	ng	0.00
86) Perylene-d12	15.527	264	926610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	6801	0.49	ng	-0.01
7) Phenol-d6	6.486	99	175689	9.66	ng	-0.02
23) Nitrobenzene-d5	7.422	82	747221	55.00	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.227	172	1484267	49.86	ng	0.00
79) Terphenyl-d14	12.992	244	1709440	41.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.410	77	120	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	99188	9.12	ng	# 75
26) 2-Nitrophenol	7.675	139	388	6.87	ng	# 57
32) Benzoic acid	8.145	122	144	7.98	ng	# 1
48) 2-Nitroaniline	9.327	65	155	5.18	ng	# 6
51) 2,6-Dinitrotoluene	9.663	165	3170	4.21	ng	# 19
53) 3-Nitroaniline	9.869	138	692	3.63	ng	# 1
56) 4-Nitrophenol	10.033	139	382	5.46	ng	# 1
57) 2,4-Dinitrotoluene	9.910	165	60702	10.62	ng	# 20
62) 4-Nitroaniline	10.321	138	1251	3.52	ng	# 93
65) 4,6-Dinitro-2-methylph...	10.480	198	111	6.18	ng	# 1
80) Butylbenzylphthalate	13.504	149	2212	3.37	ng	# 71

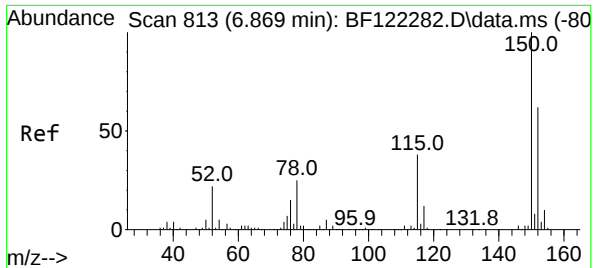
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
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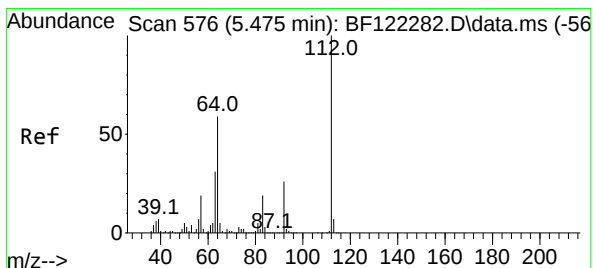
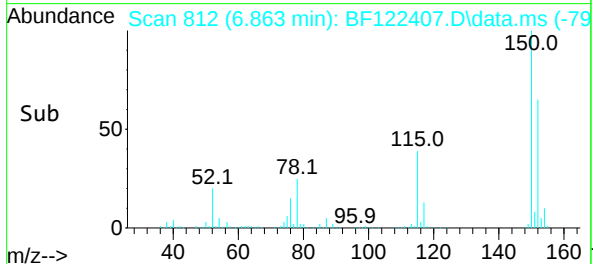
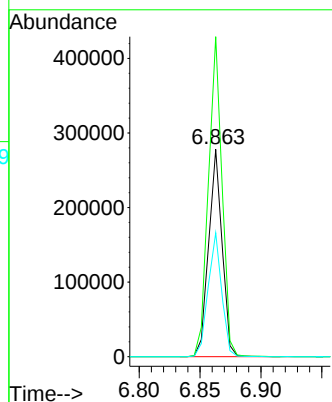
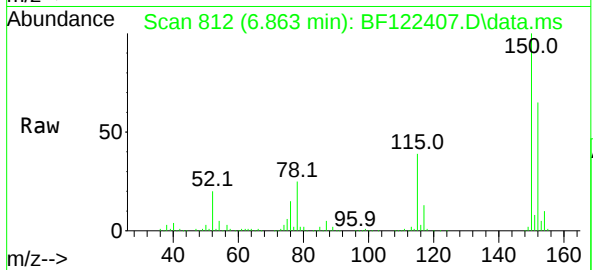




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

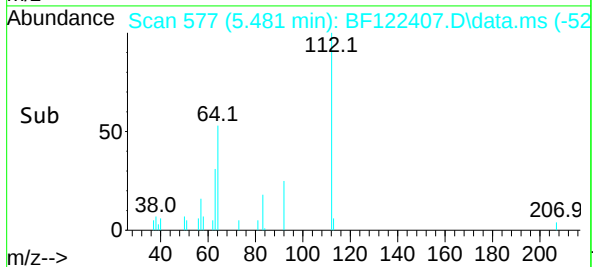
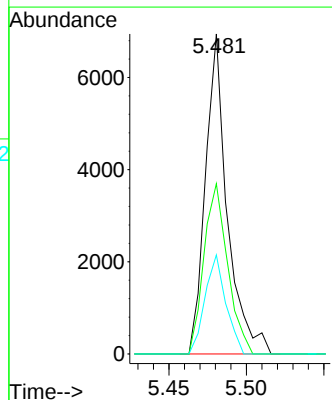
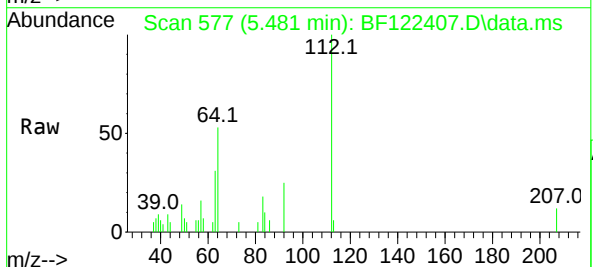
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

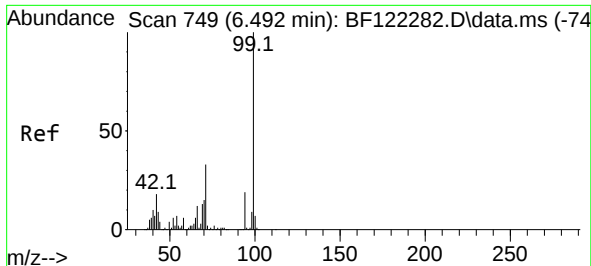
Tgt Ion:152 Resp: 213545
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 59.7 51.9 77.9



#5
2-Fluorophenol
Concen: 0.49 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:112 Resp: 6801
Ion Ratio Lower Upper
112 100
64 53.2 50.4 75.6
63 31.0 25.8 38.6

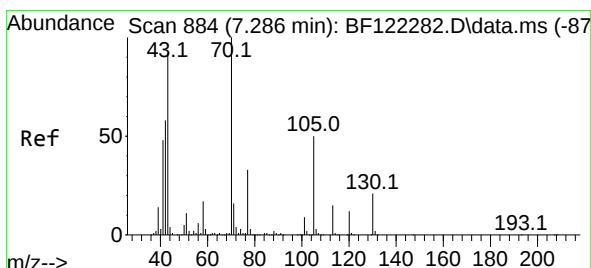
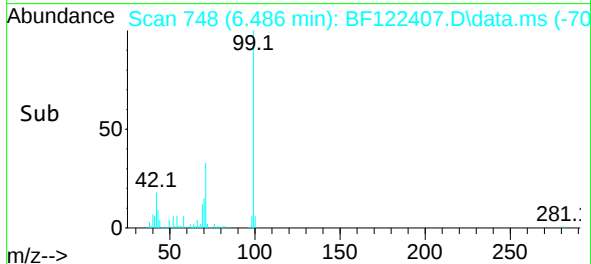
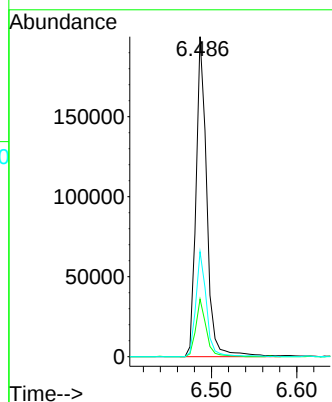
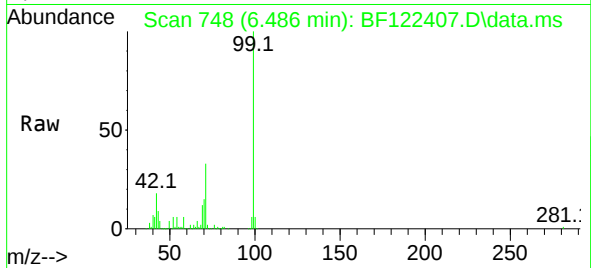




#7
Phenol-d6
Concen: 9.66 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

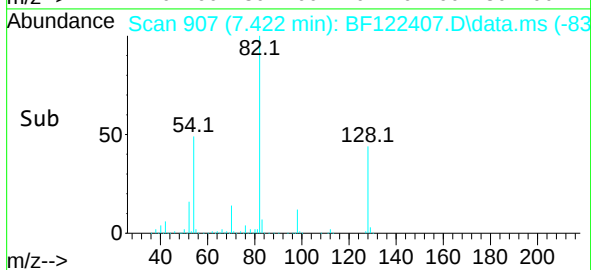
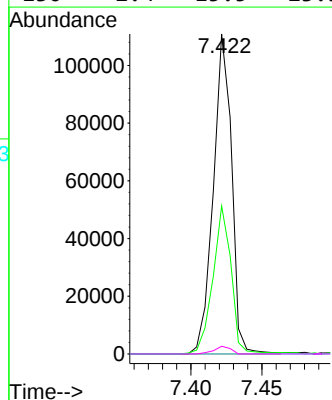
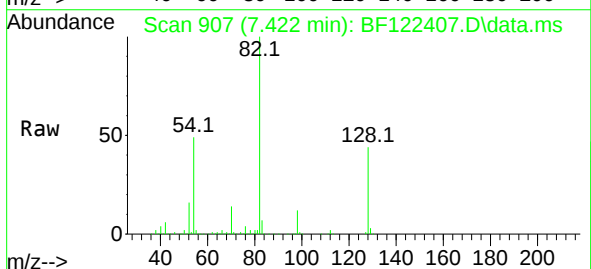
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

Tgt Ion: 99 Resp: 175689
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 32.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.12 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion: 70 Resp: 99188
Ion Ratio Lower Upper
70 100
42 46.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#



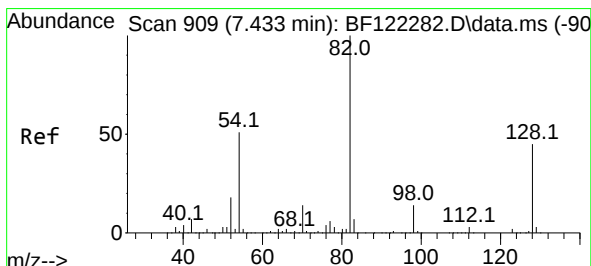
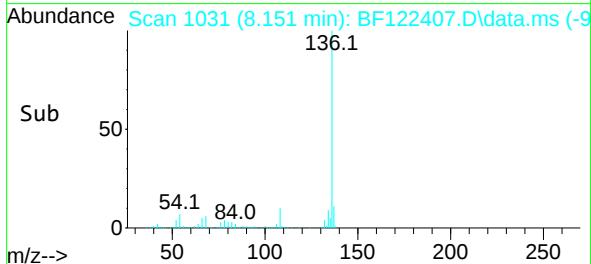
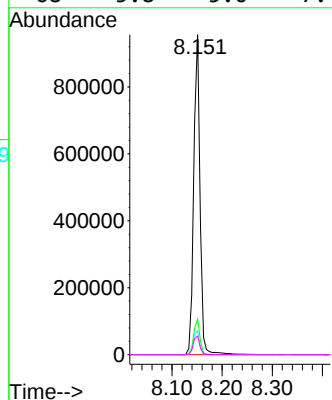
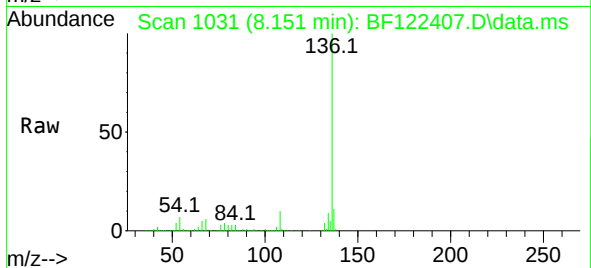


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Instrument :
BNA_F
ClientSampleId :
MS-CON-F

Tgt Ion:136 Resp: 831697

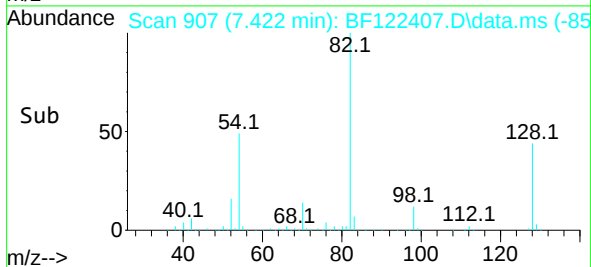
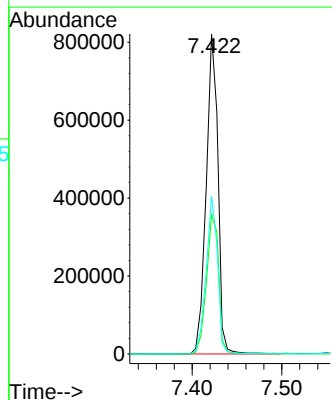
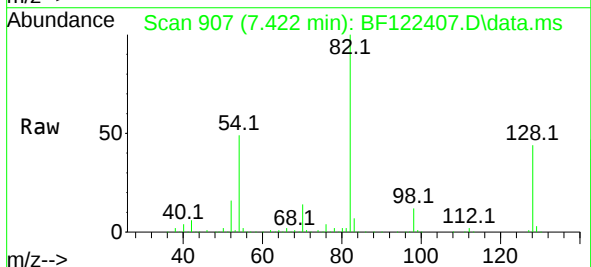
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	7.1	10.7
68	5.8	5.0	7.4

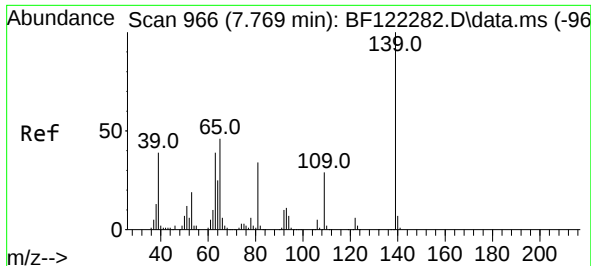


#23
Nitrobenzene-d5
Concen: 55.00 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion: 82 Resp: 747221

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.4
54	49.4	43.9	65.9

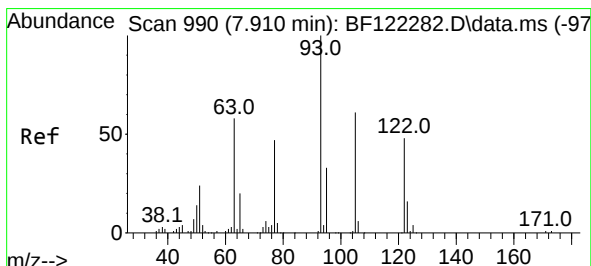
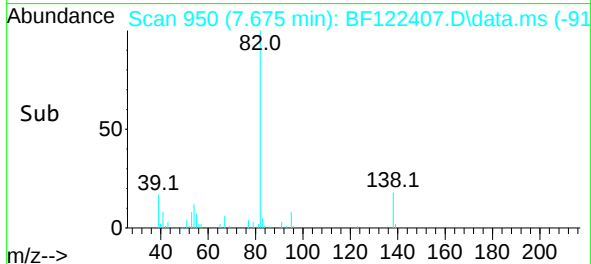
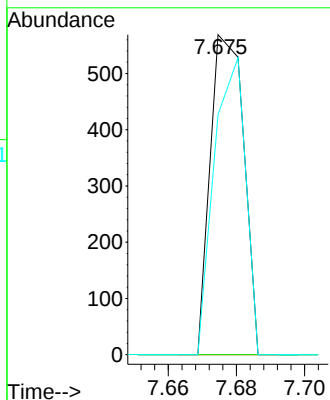
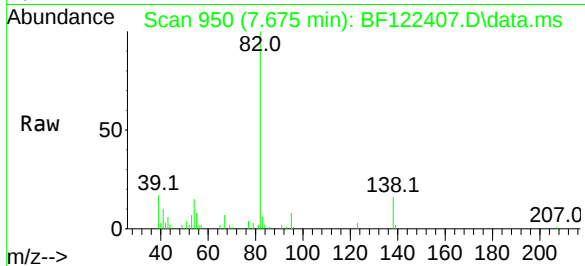




#26
2-Nitrophenol
Concen: 6.87 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.094 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

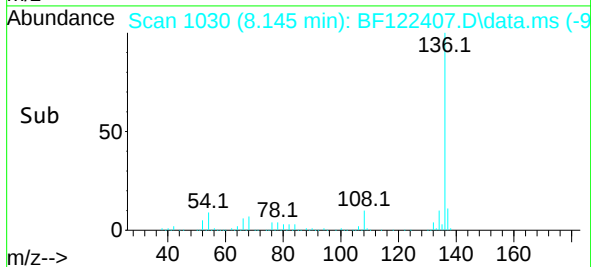
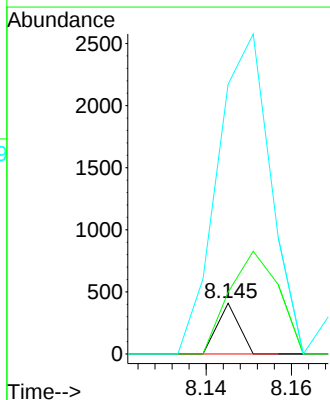
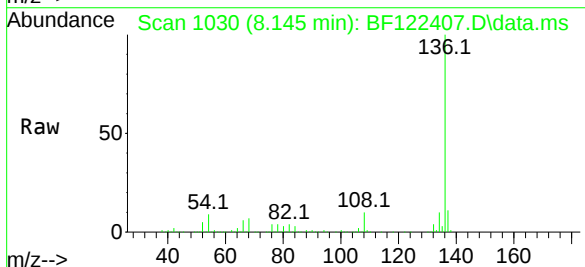
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

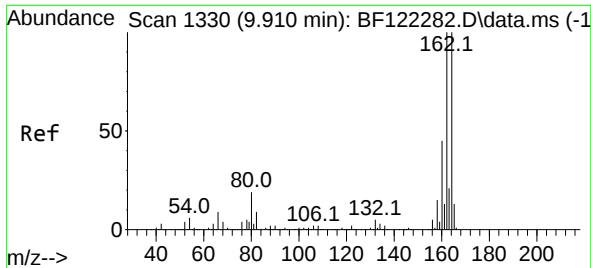
Tgt Ion:139 Resp: 388
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 75.0 39.9 59.9#



#32
Benzoic acid
Concen: 7.98 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.206 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:122 Resp: 144
Ion Ratio Lower Upper
122 100
105 121.8 103.3 143.3
77 531.3 73.9 113.9#

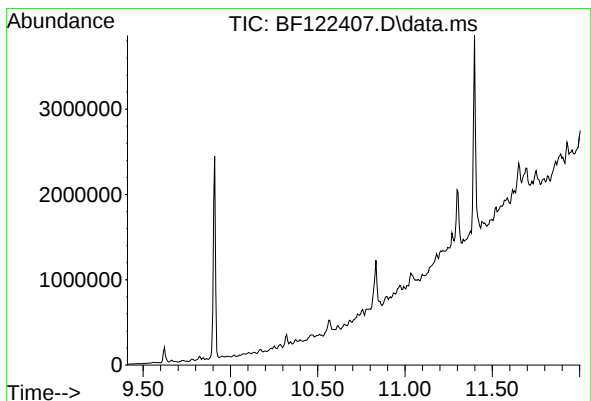
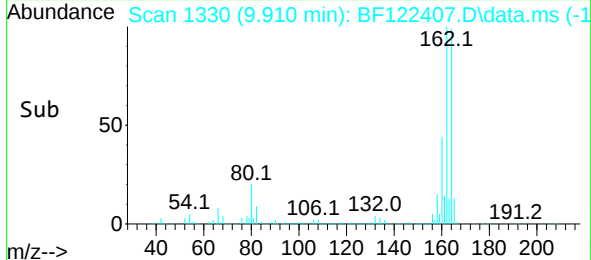
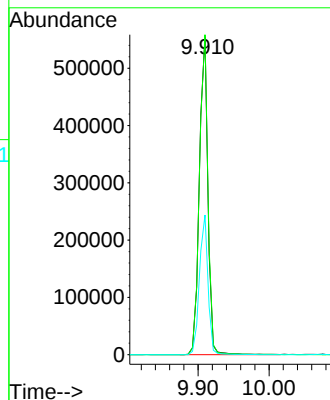
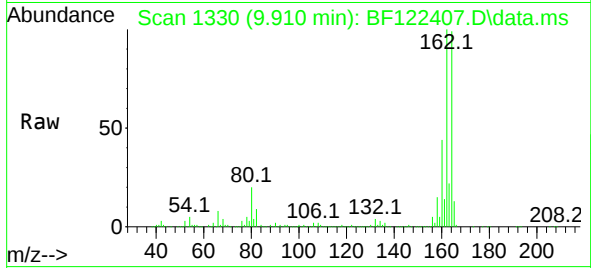




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.910 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF122407.D
 Acq: 20 Nov 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-F

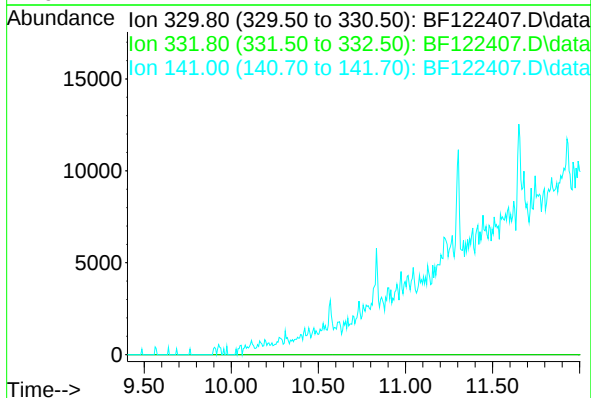
Tgt Ion:164 Resp: 465145
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.2 124.8
 160 43.9 37.5 56.3

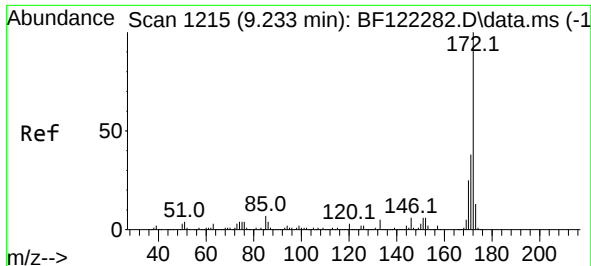


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.70 min

Lab File: BF122407.D
 Acq: 20 Nov 2020 17:11

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 27.9

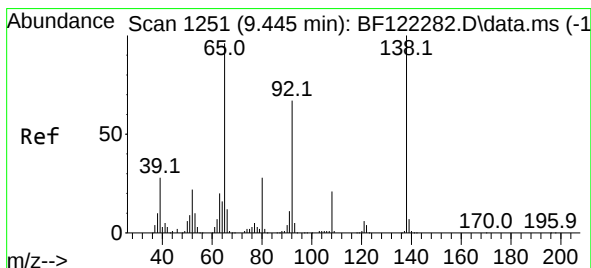
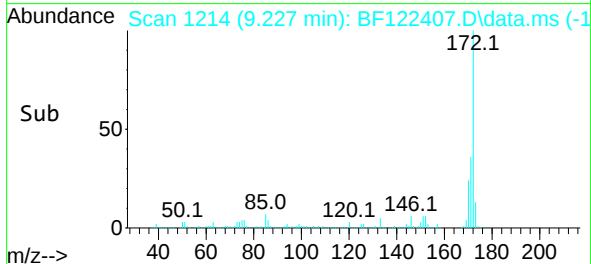
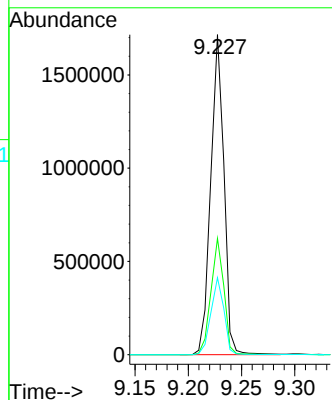
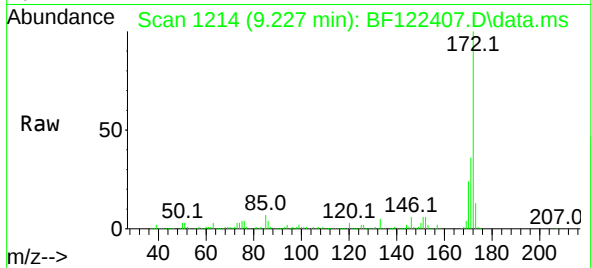




#45
2-Fluorobiphenyl
Concen: 49.86 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

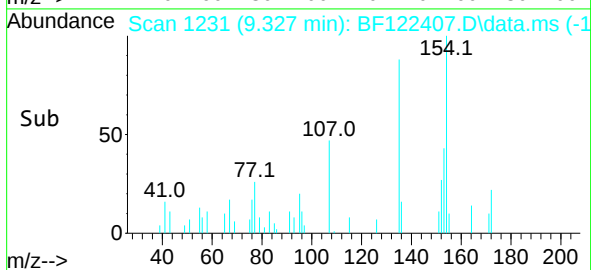
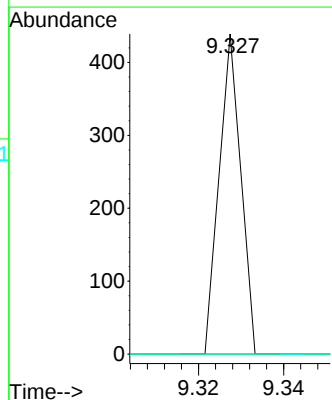
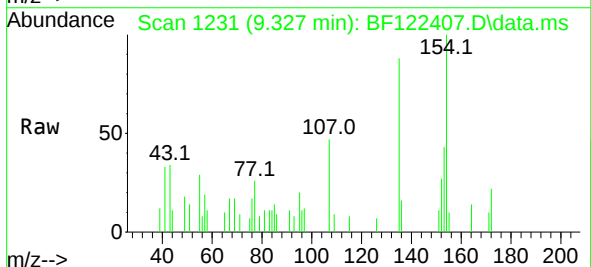
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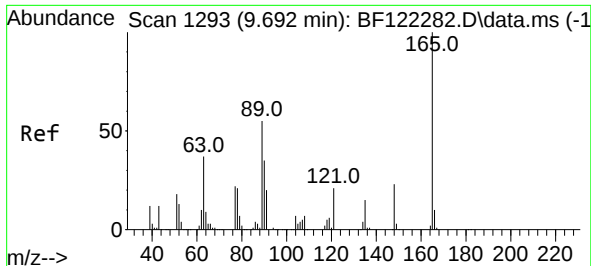
Tgt Ion:172 Resp: 1484267
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.1 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.130 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion: 65 Resp: 155
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

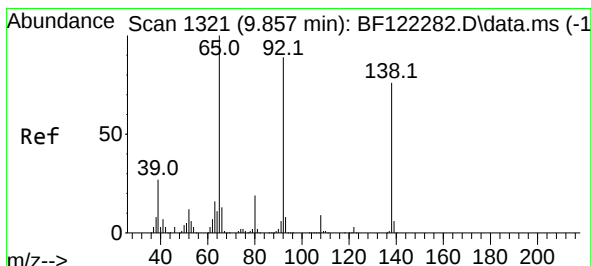
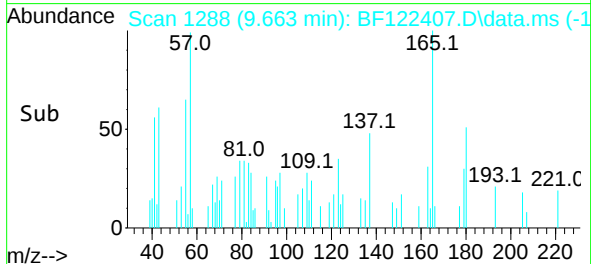
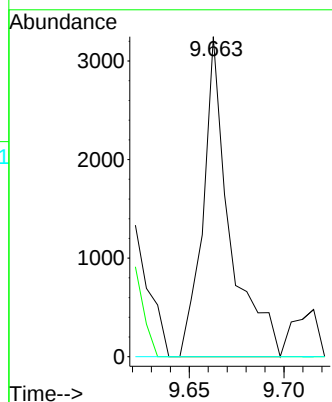
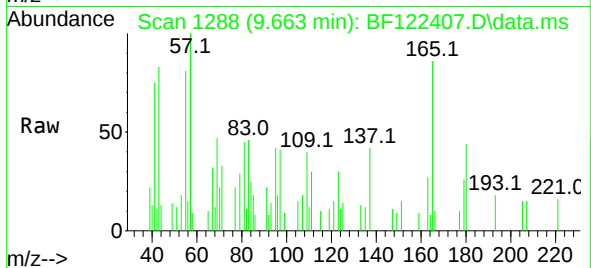




#51
2,6-Dinitrotoluene
Concen: 4.21 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.035 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

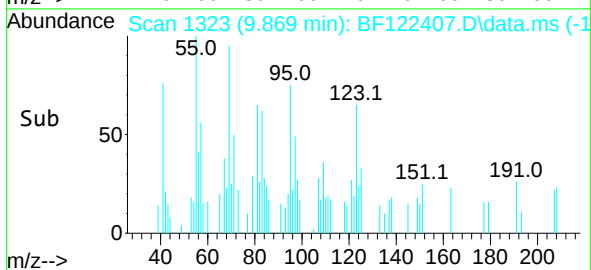
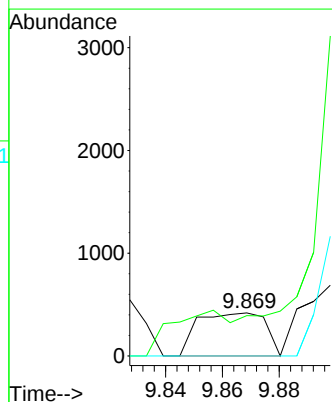
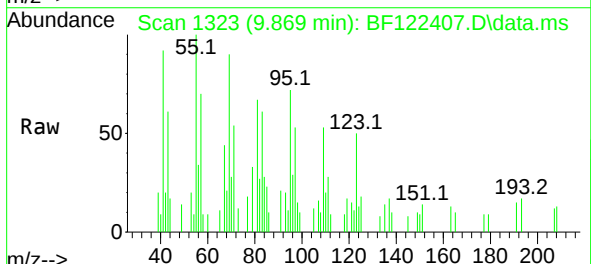
Instrument :
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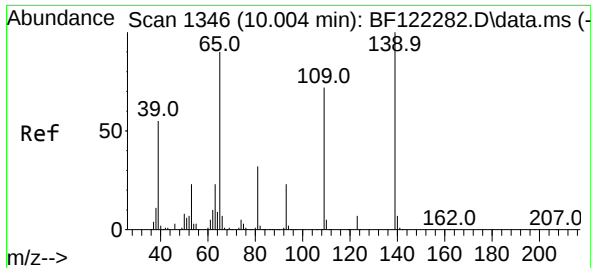
Tgt Ion:165 Resp: 3170
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.63 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:138 Resp: 692
Ion Ratio Lower Upper
138 100
108 93.8 8.6 13.0#
92 0.0 96.6 144.8#

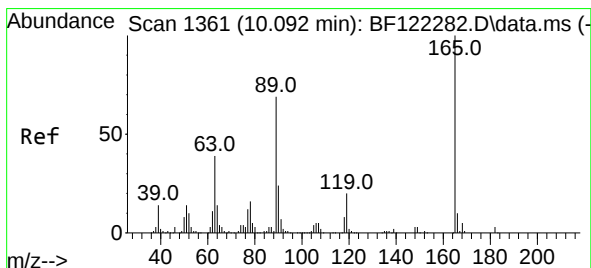
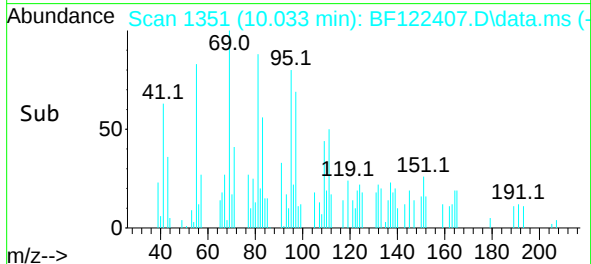
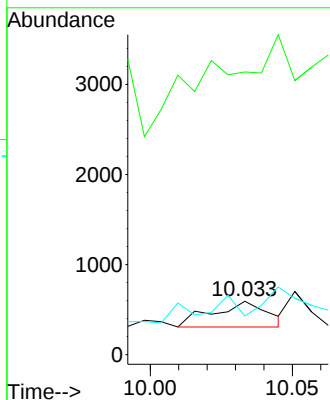
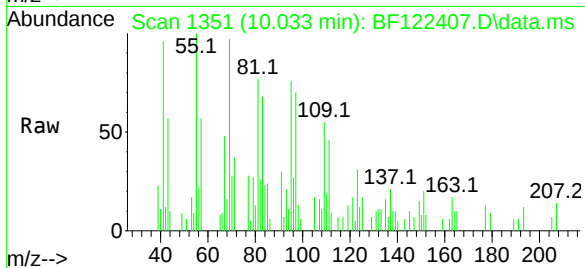




#56
4-Nitrophenol
Concen: 5.46 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

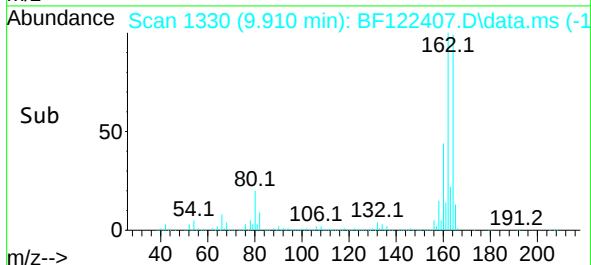
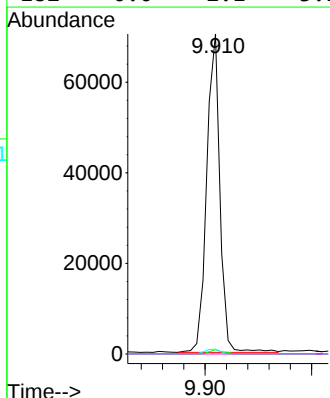
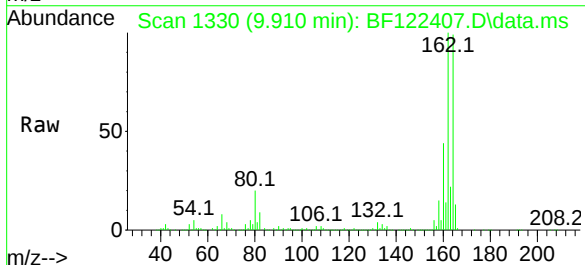
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

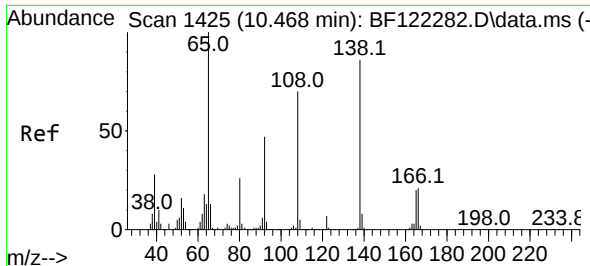
Tgt Ion:139 Resp: 382
Ion Ratio Lower Upper
139 100
109 529.3 45.4 85.4#
65 72.5 68.4 108.4



#57
2,4-Dinitrotoluene
Concen: 10.62 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:165 Resp: 60702
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#

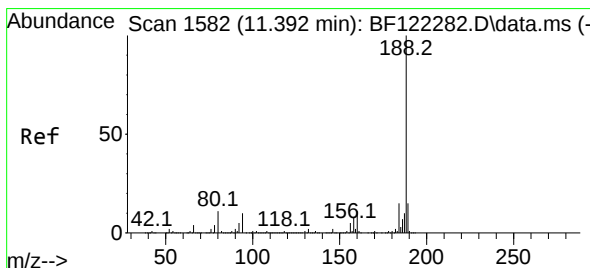
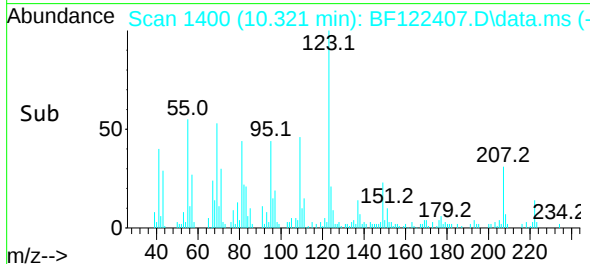
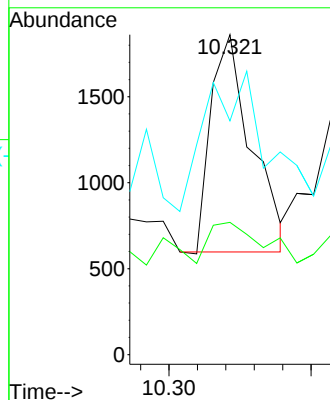
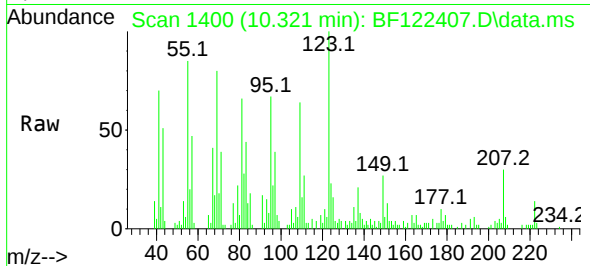




#62
4-Nitroaniline
Concen: 3.52 ng
RT: 10.321 min Scan# 1400
Delta R.T. -0.165 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

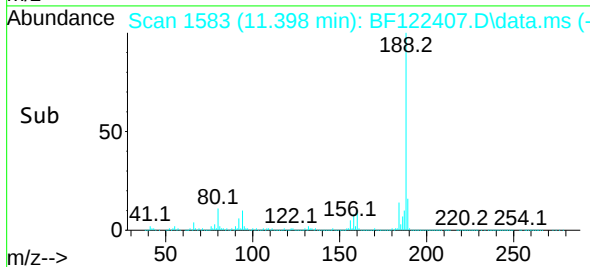
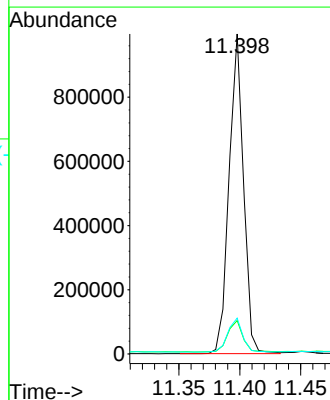
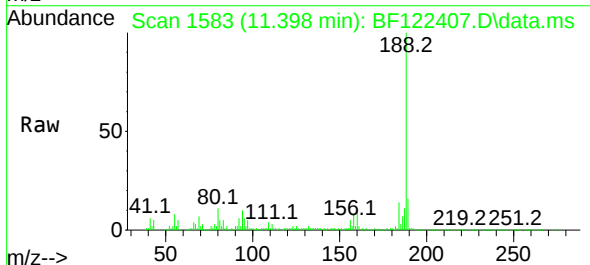
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

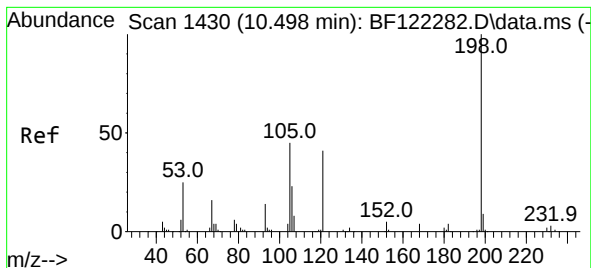
Tgt Ion:138	Resp:	1251
Ion Ratio	Lower	Upper
138	100	
92	41.3	31.0 71.0
108	73.0	51.5 91.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:188	Resp:	820776
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.3 12.5
80	11.2	9.1 13.7

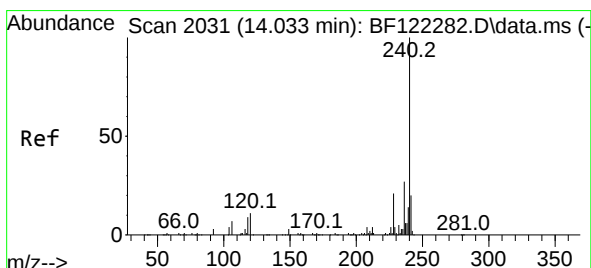
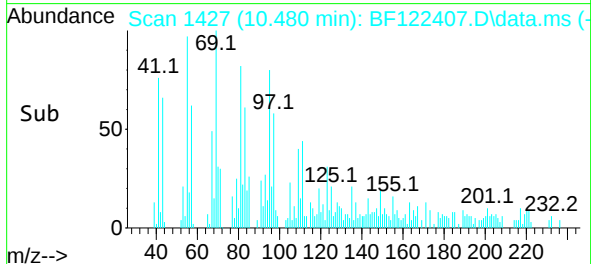
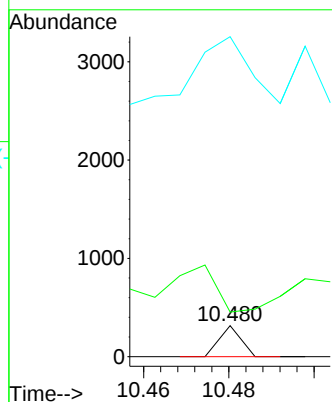
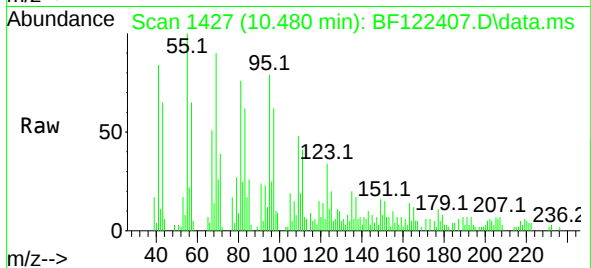




#65
4,6-Dinitro-2-methylphenol
Concen: 6.18 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.030 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

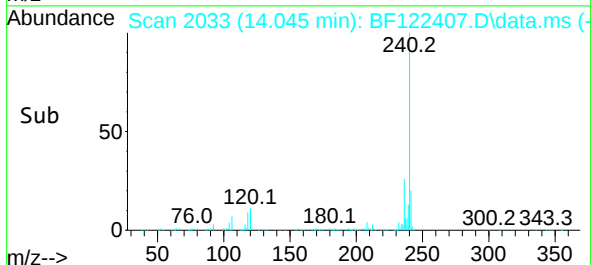
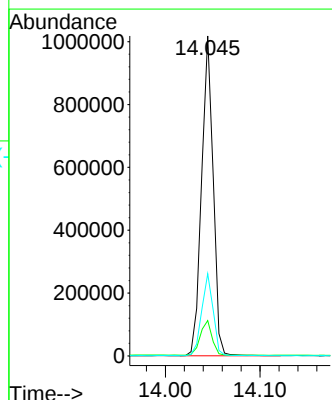
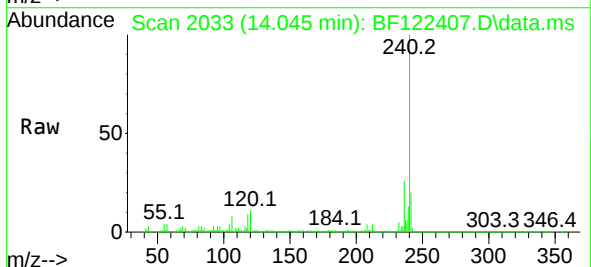
Instrument :
BNA_F
ClientSampleId :
MS-CON-F

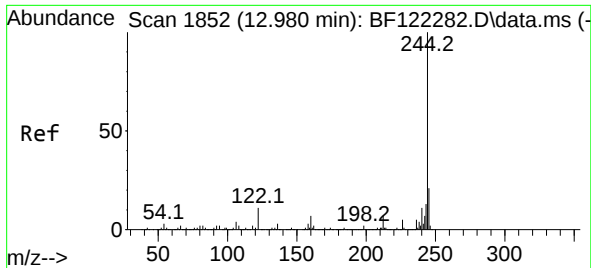
Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
51 144.1 29.6 69.6#
105 1033.7 24.4 64.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122407.D
Acq: 20 Nov 2020 17:11

Tgt Ion:240 Resp: 868049
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.7 20.9 31.3

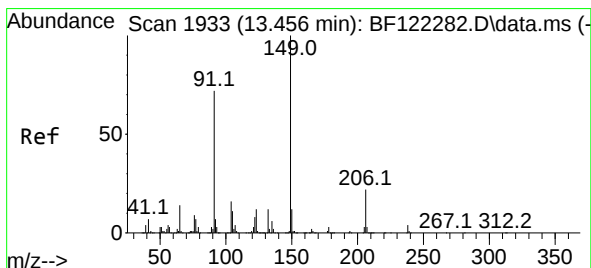
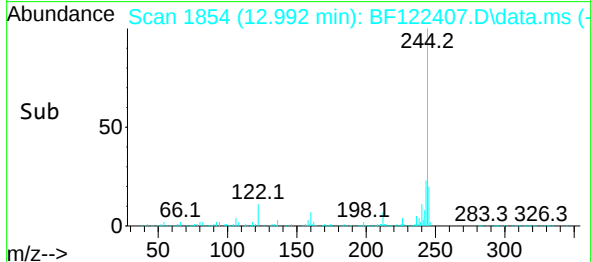
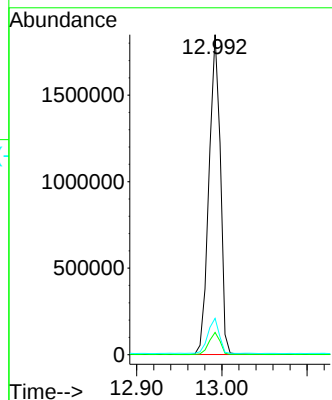
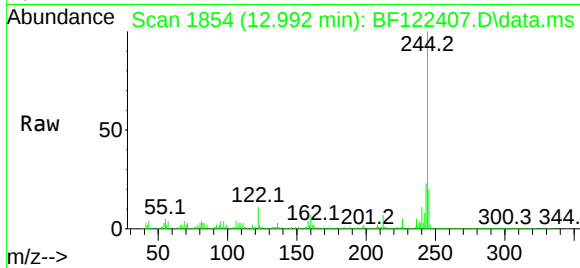




#79
 Terphenyl-d14
 Concen: 41.72 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF122407.D
 Acq: 20 Nov 2020 17:11

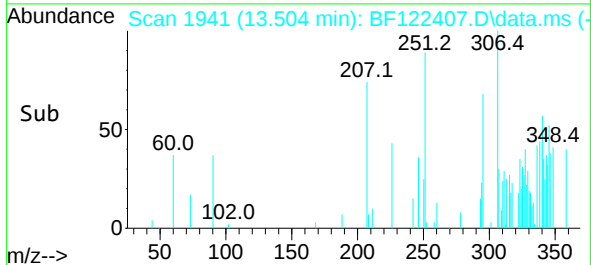
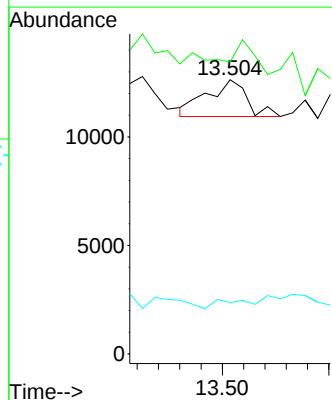
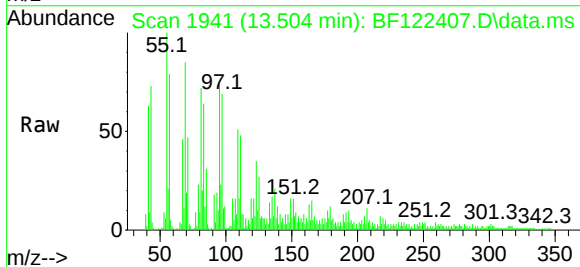
Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-F

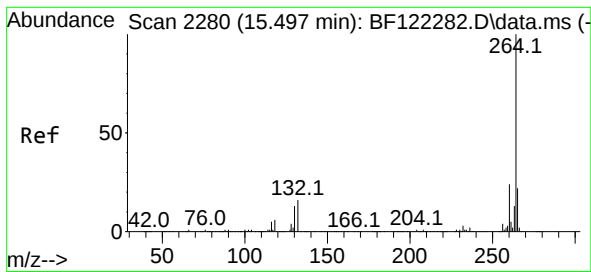
Tgt Ion:244 Resp: 1709440
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.3 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.37 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.035 min
 Lab File: BF122407.D
 Acq: 20 Nov 2020 17:11

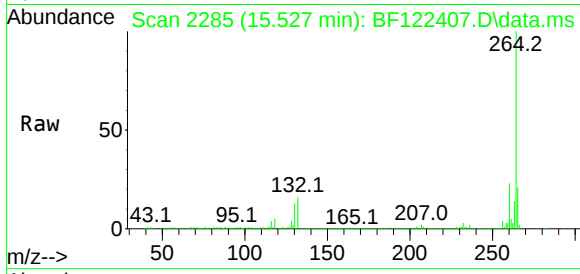
Tgt Ion:149 Resp: 2212
 Ion Ratio Lower Upper
 149 100
 91 106.5 61.0 91.4#
 206 18.7 16.7 25.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF122407.D
 Acq: 20 Nov 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-F



Tgt Ion:264 Resp: 926610

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.3	25.9

