

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122365.D
 Acq On : 18 Nov 2020 13:53
 Operator : JU/CG
 Sample : L4770-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-03-4-5

Quant Time: Nov 18 15:07:05 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)

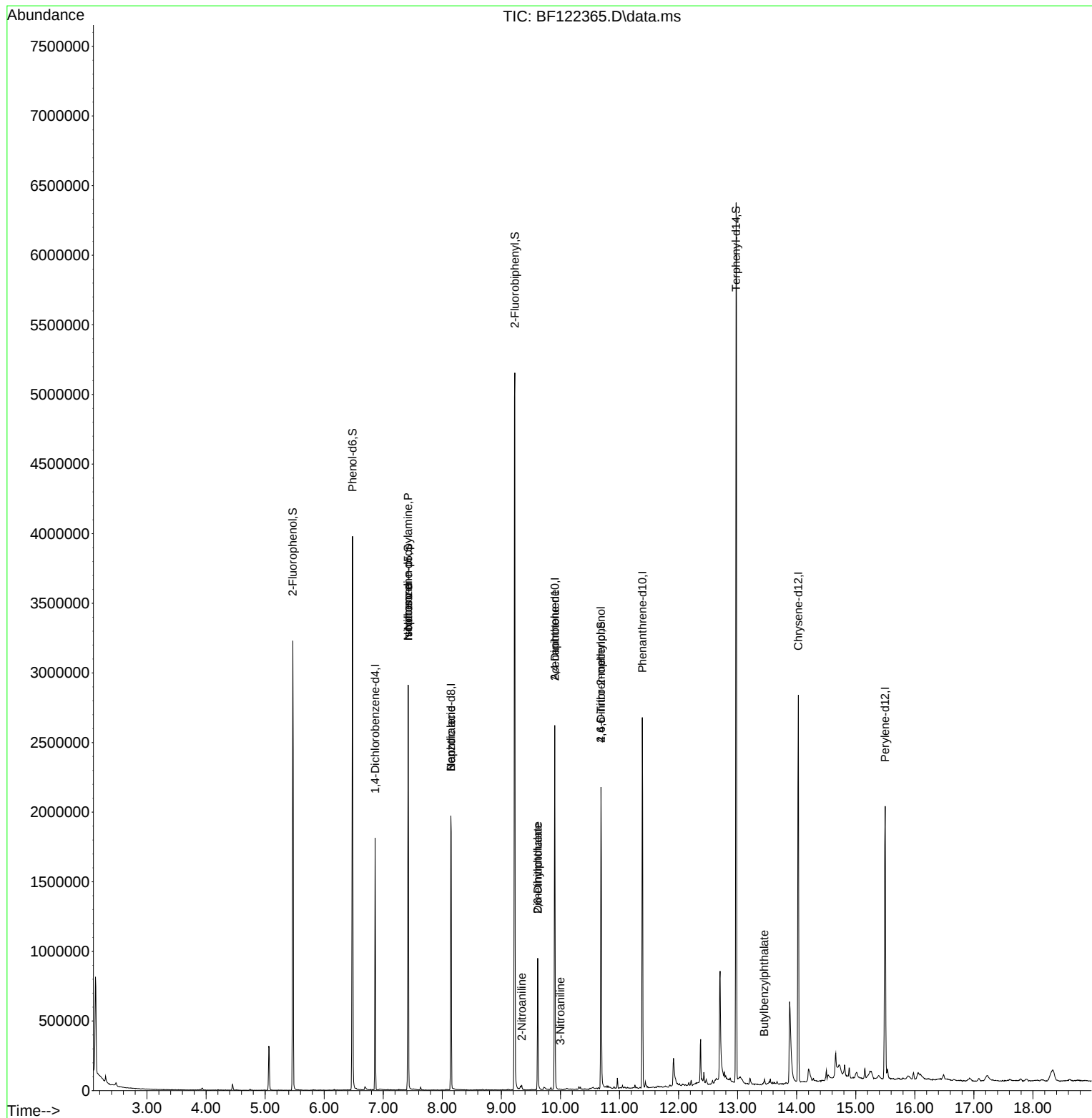
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	229732	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	889358	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	493484	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	950345	20.00	ng	0.00
76) Chrysene-d12	14.027	240	944787	20.00	ng	0.00
86) Perylene-d12	15.498	264	910857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	879781	58.80	ng	0.00
7) Phenol-d6	6.481	99	1291545	65.99	ng	-0.01
23) Nitrobenzene-d5	7.422	82	867787	59.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	272786	51.50	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1667846	52.81	ng	0.00
79) Terphenyl-d14	12.974	244	2075929	46.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2134	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	115839	9.90	ng	# 75
25) Isophorone	7.422	82	862869	26.64	ng	# 67
32) Benzoic acid	8.145	122	229	7.98	ng	# 1
48) 2-Nitroaniline	9.345	65	121	5.18	ng	# 6
50) Dimethylphthalate	9.616	163	348383	9.93	ng	# 99
51) 2,6-Dinitrotoluene	9.616	165	3641	4.24	ng	# 18
53) 3-Nitroaniline	9.998	138	110	3.57	ng	# 1
57) 2,4-Dinitrotoluene	9.904	165	65381	10.71	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	507	6.30	ng	# 1
80) Butylbenzylphthalate	13.451	149	1334	3.34	ng	# 74

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

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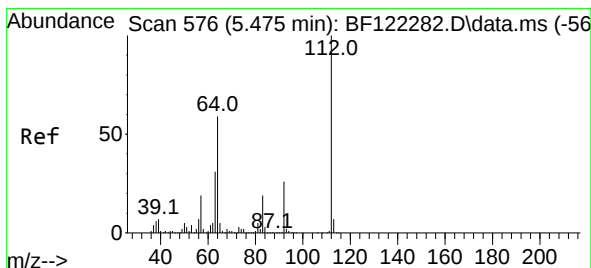
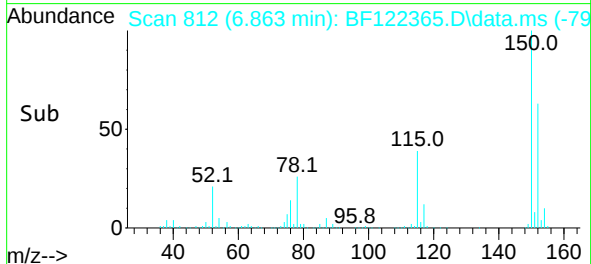
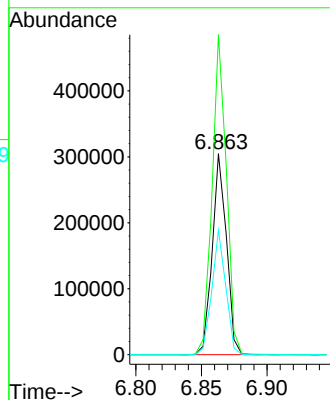
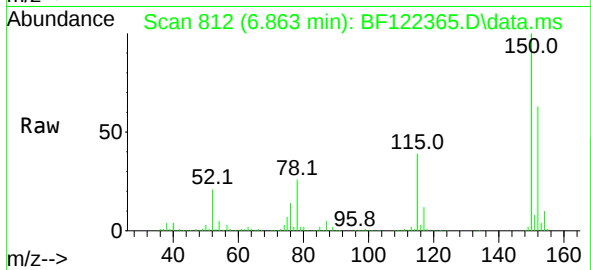




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122365.D
 Acq: 18 Nov 2020 13:53

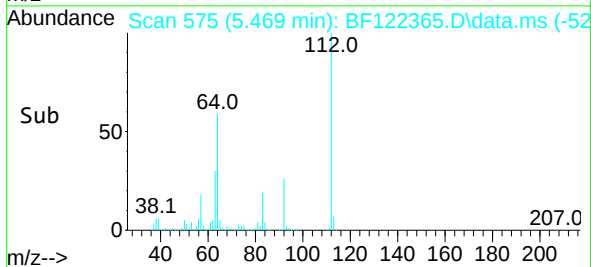
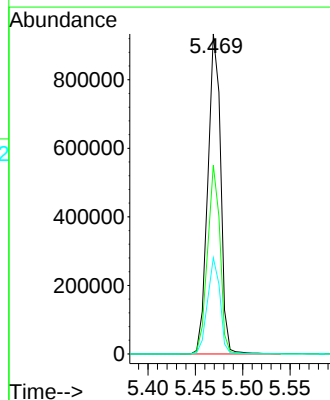
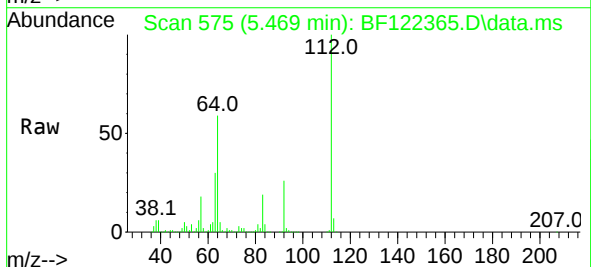
Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-03-4-5

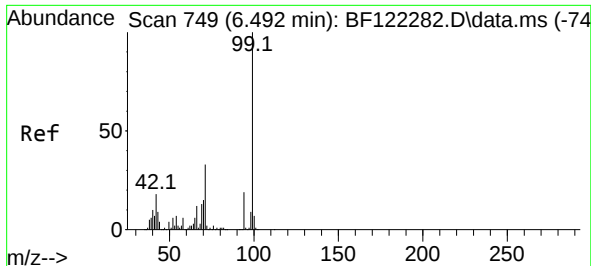
Tgt Ion:152 Resp: 229732
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.3 187.9
 115 62.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 58.80 ng
 RT: 5.469 min Scan# 575
 Delta R.T. -0.006 min
 Lab File: BF122365.D
 Acq: 18 Nov 2020 13:53

Tgt Ion:112 Resp: 879781
 Ion Ratio Lower Upper
 112 100
 64 59.0 50.4 75.6
 63 30.0 25.8 38.6

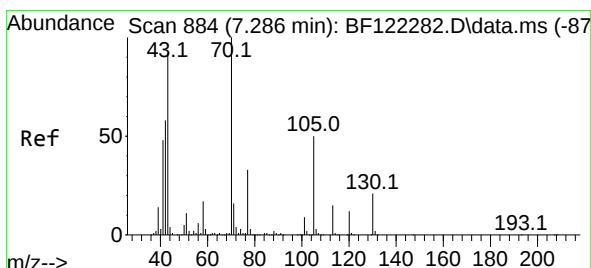
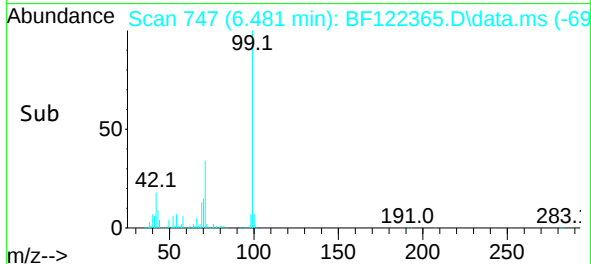
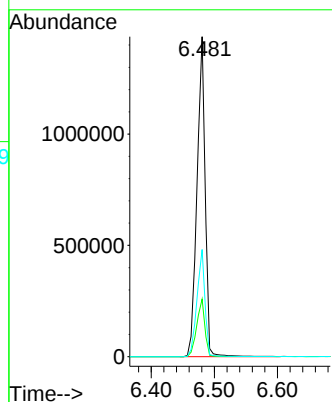
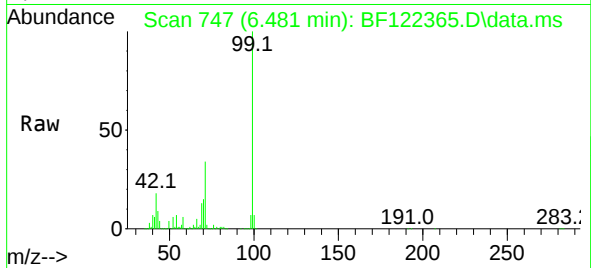




#7
Phenol-d6
Concen: 65.99 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

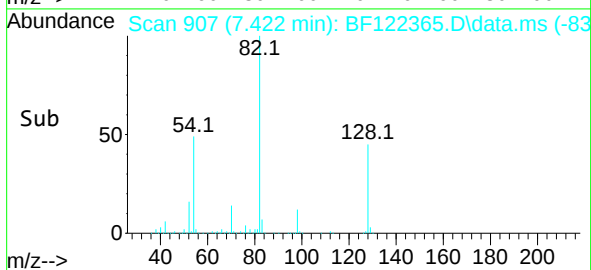
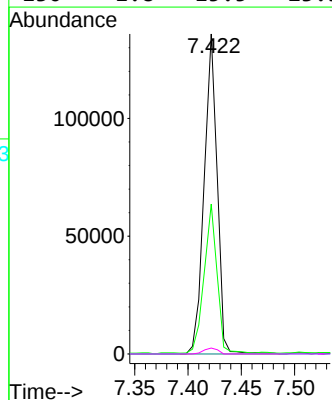
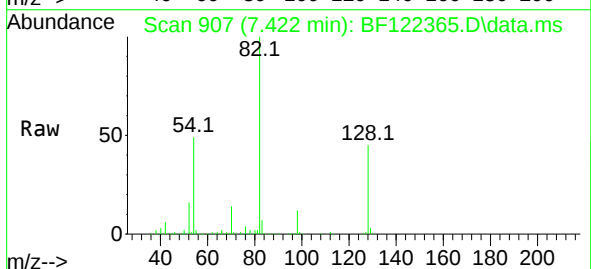
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

Tgt Ion: 99 Resp: 1291545
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 33.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.90 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion: 70 Resp: 115839
Ion Ratio Lower Upper
70 100
42 46.8 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



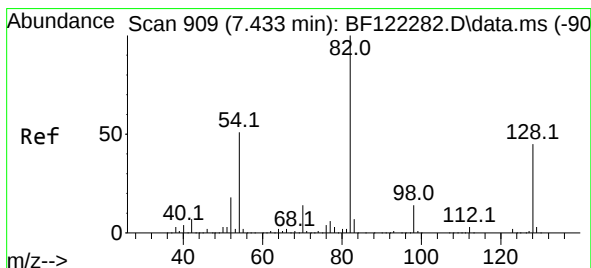
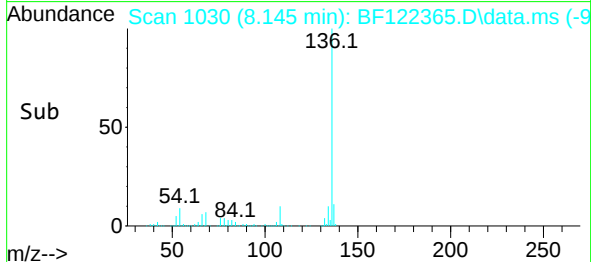
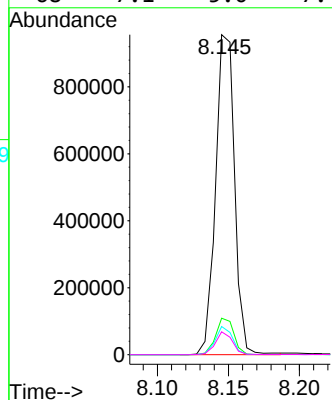
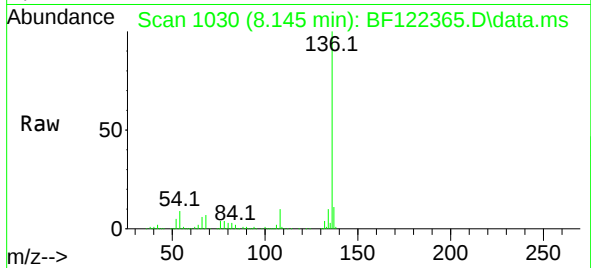


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

Tgt Ion:136 Resp: 889358

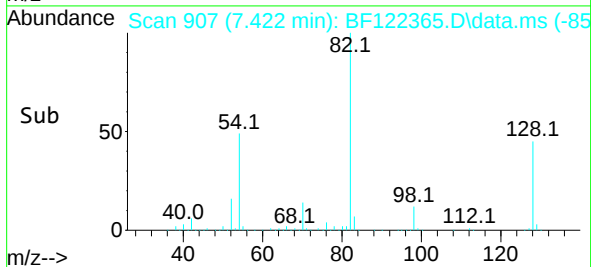
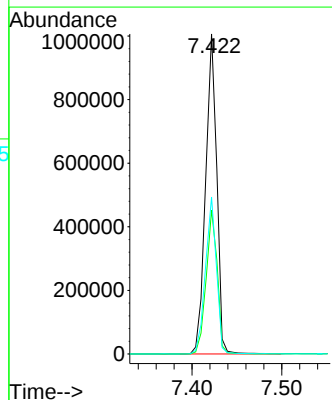
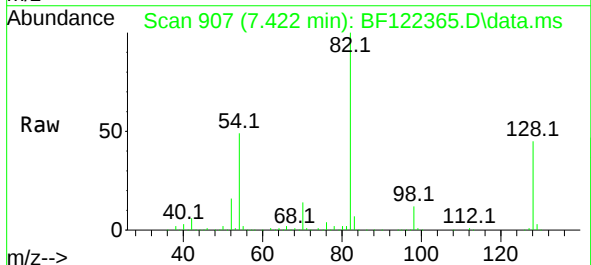
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.8	7.1	10.7
68	7.1	5.0	7.4

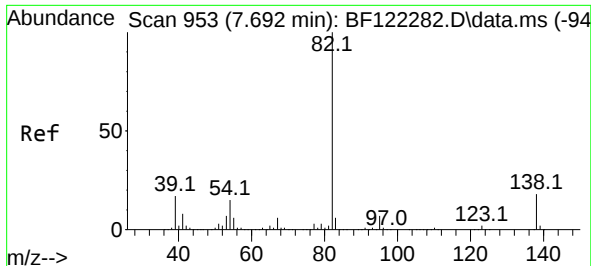


#23
Nitrobenzene-d5
Concen: 59.73 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion: 82 Resp: 867787

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	49.0	43.9	65.9

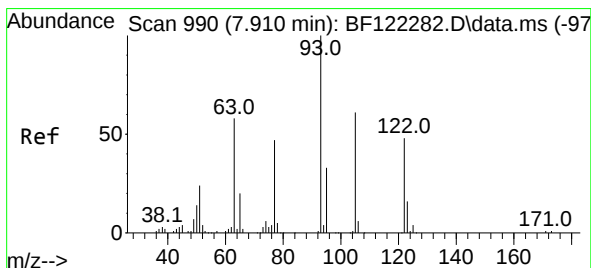
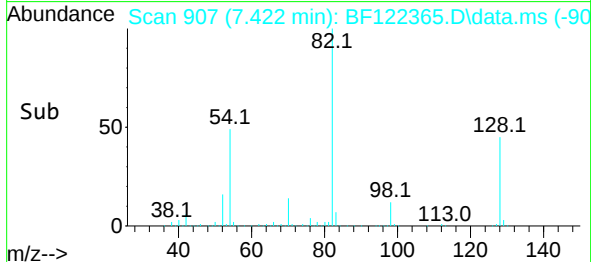
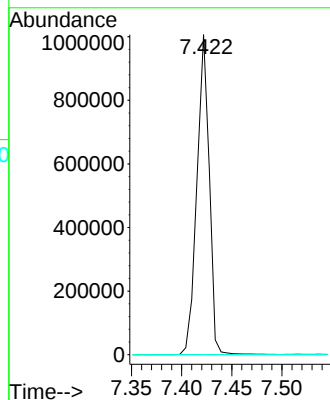
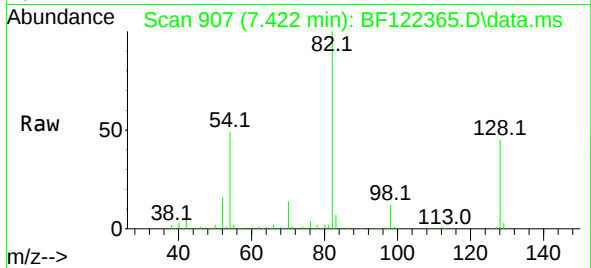




#25
Isophorone
Concen: 26.64 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

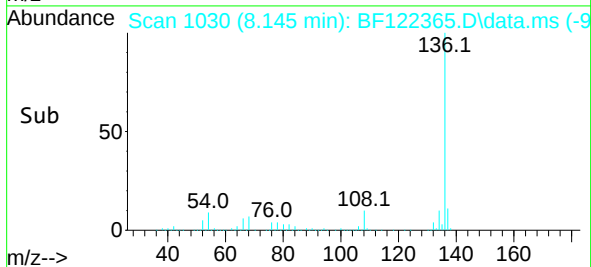
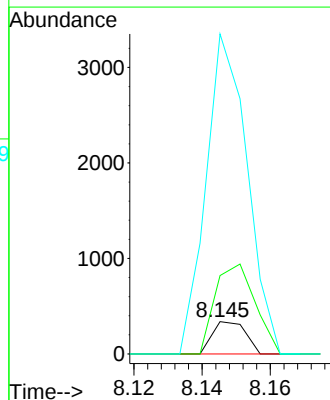
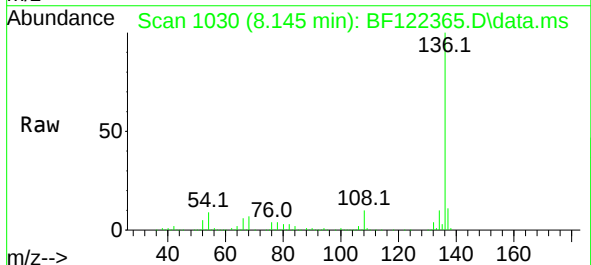
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

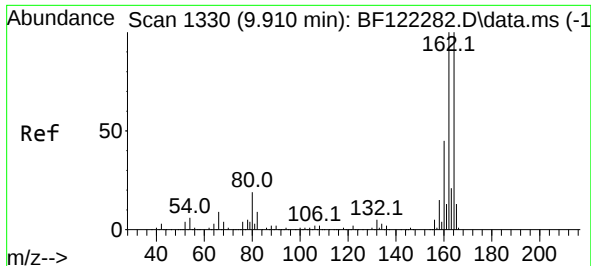
Tgt Ion: 82 Resp: 862869
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.235 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion:122 Resp: 229
Ion Ratio Lower Upper
122 100
105 242.6 103.3 143.3#
77 991.4 73.9 113.9#

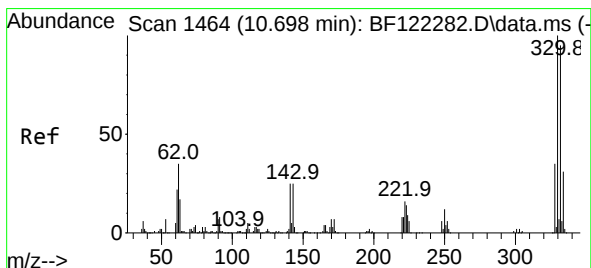
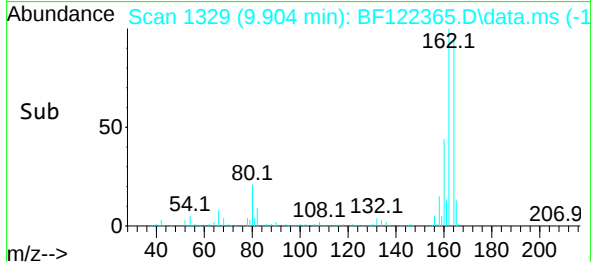
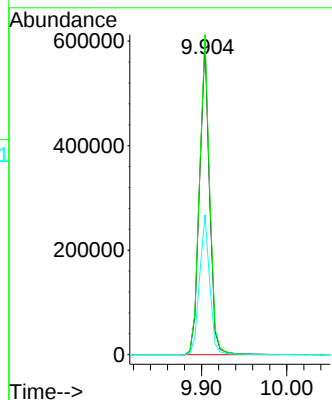
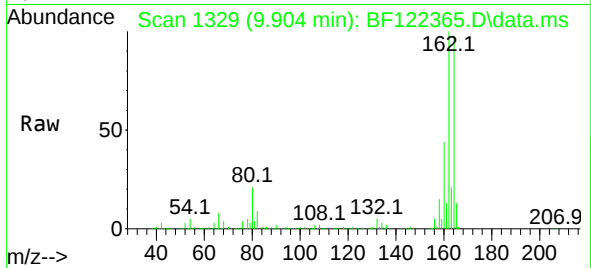




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

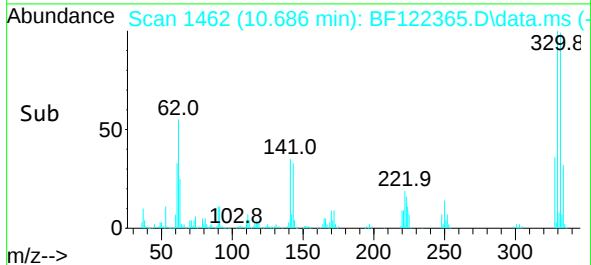
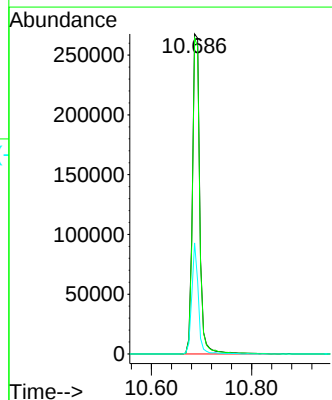
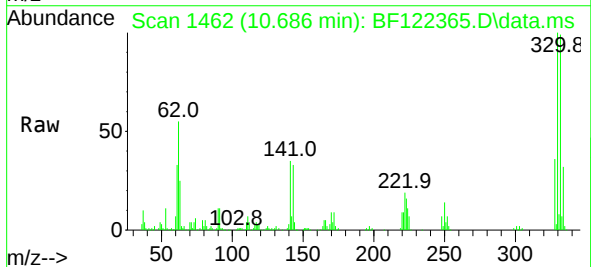
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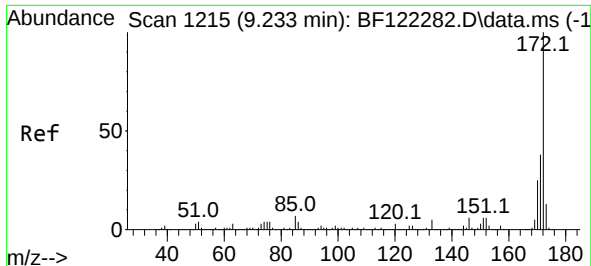
Tgt Ion:164 Resp: 493484
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 44.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 51.50 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion:330 Resp: 272786
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.6 22.3 33.5

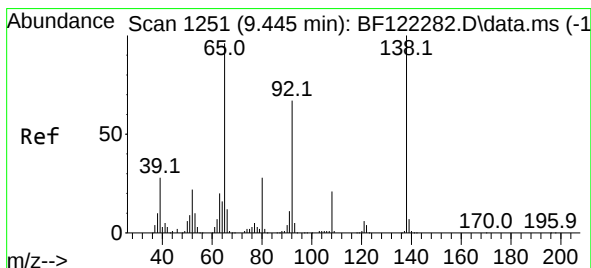
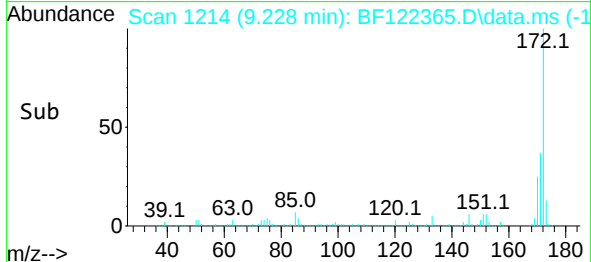
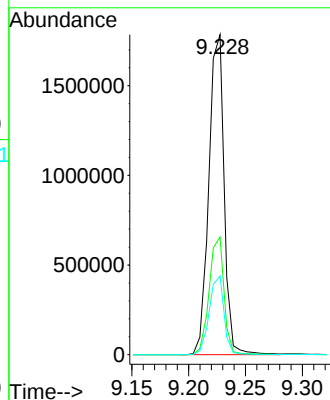
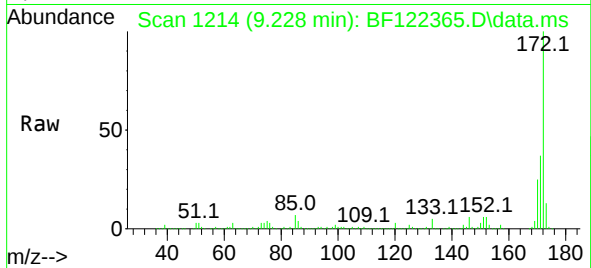




#45
2-Fluorobiphenyl
Concen: 52.81 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

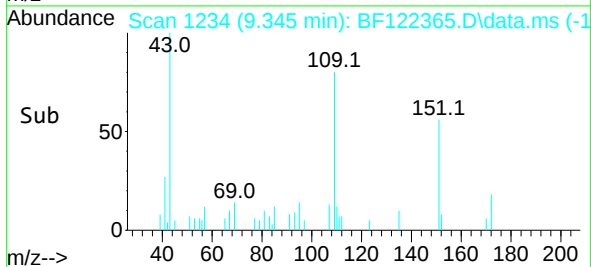
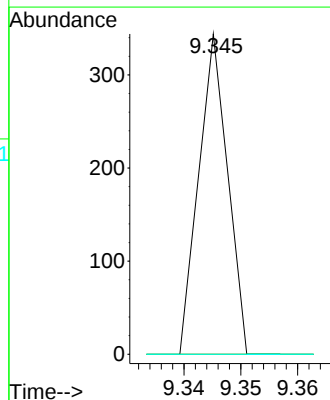
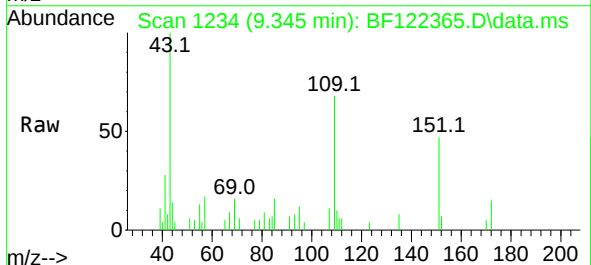
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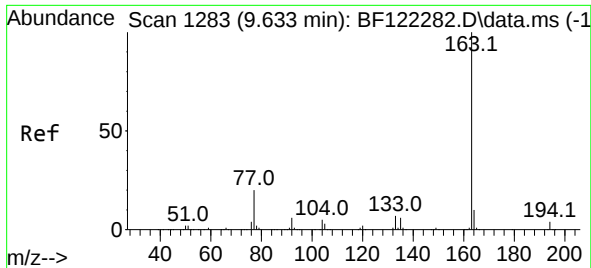
Tgt Ion:172 Resp: 1667846
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

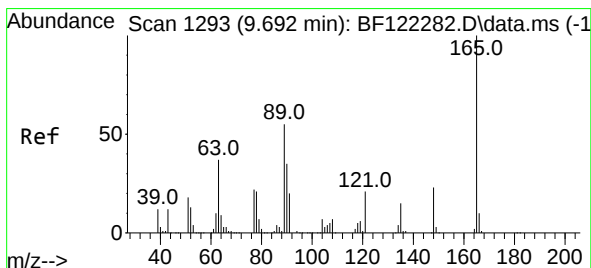
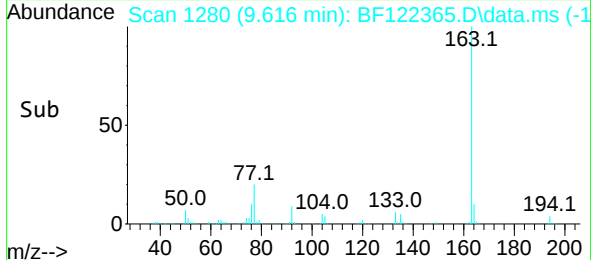
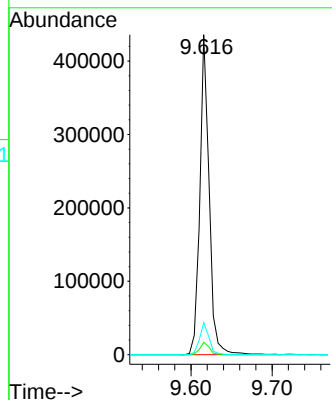
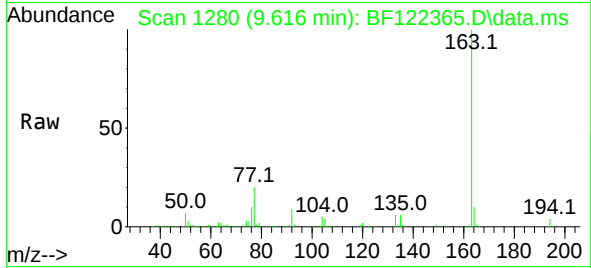




#50
Dimethylphthalate
Concen: 9.93 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

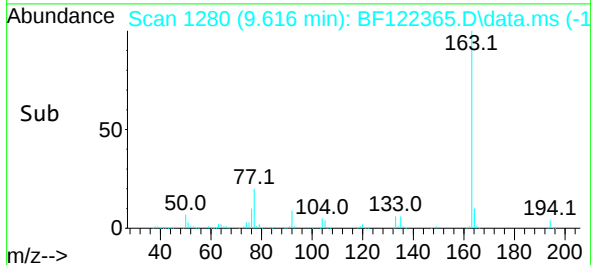
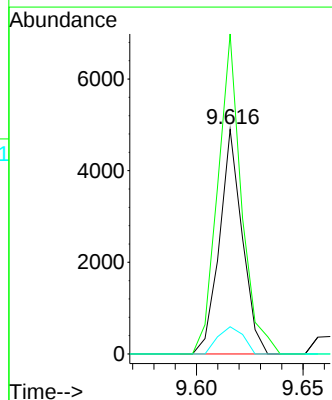
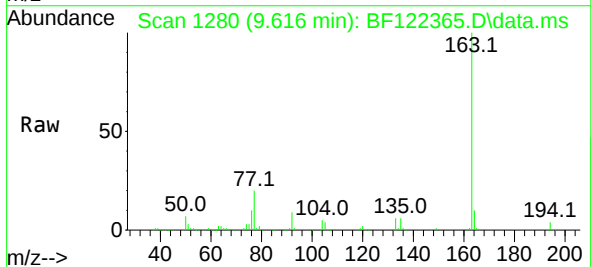
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

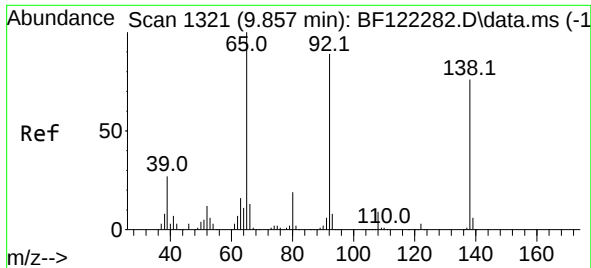
Tgt Ion:163 Resp: 348383
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.24 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion:165 Resp: 3641
Ion Ratio Lower Upper
165 100
63 142.4 51.8 77.6#
89 12.1 49.0 73.6#

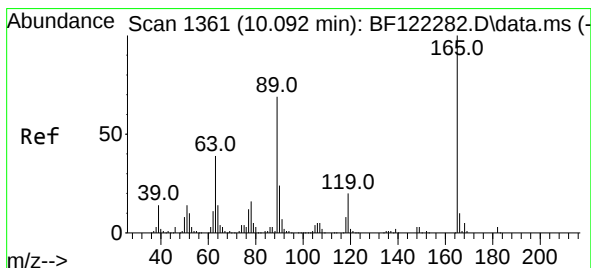
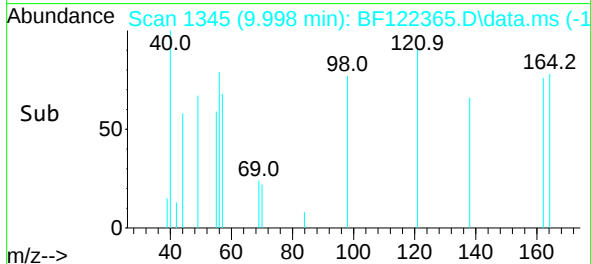
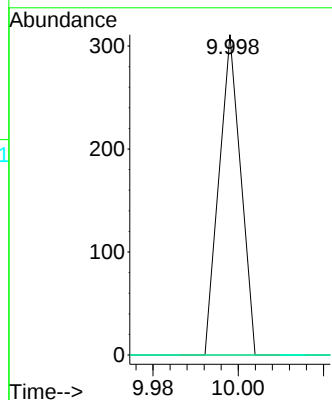
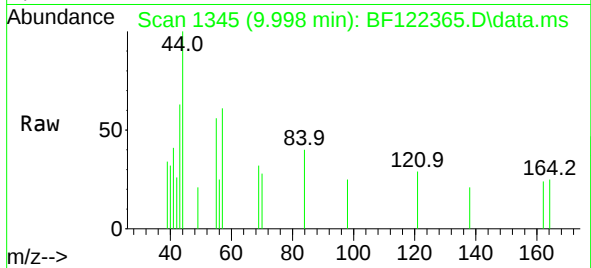




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.141 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

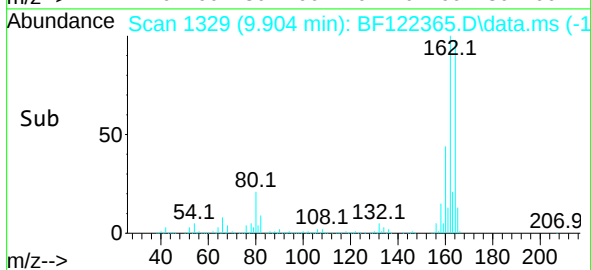
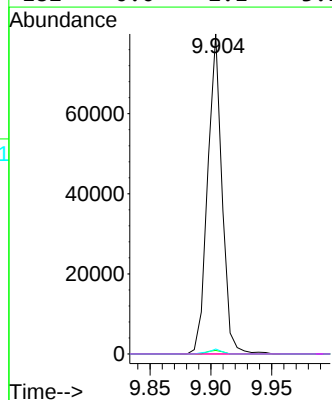
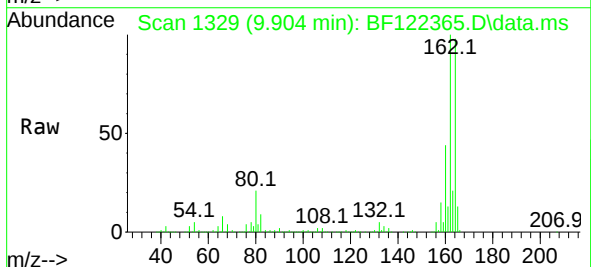
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

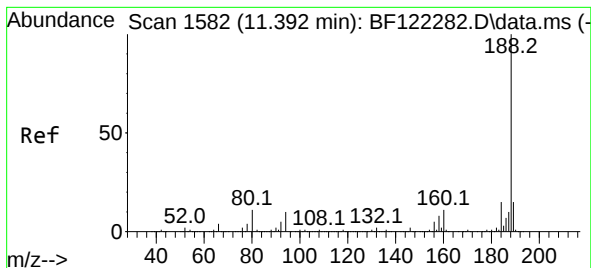
Tgt Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#57
2,4-Dinitrotoluene
Concen: 10.71 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion:165 Resp: 65381
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

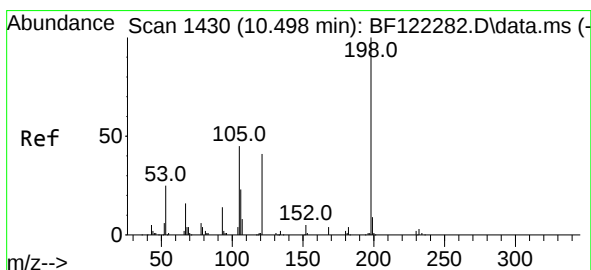
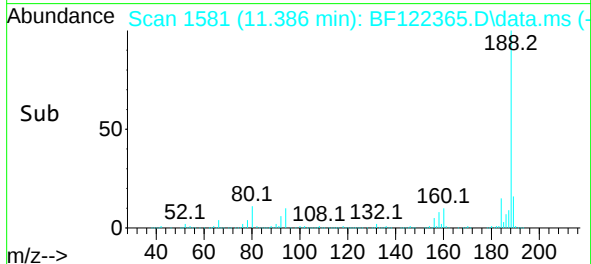
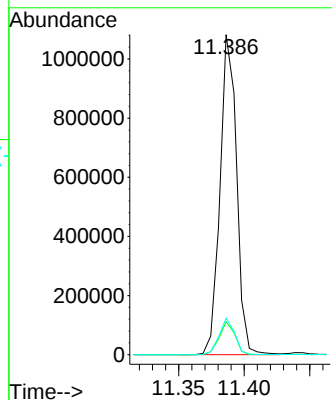
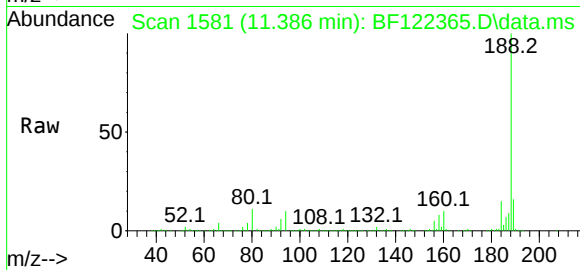




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

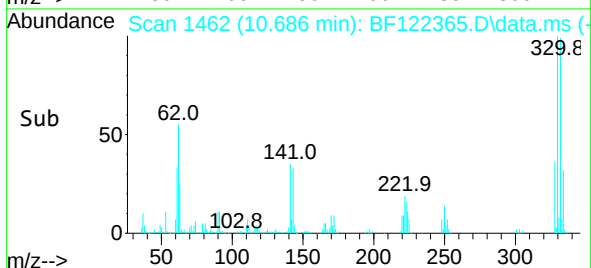
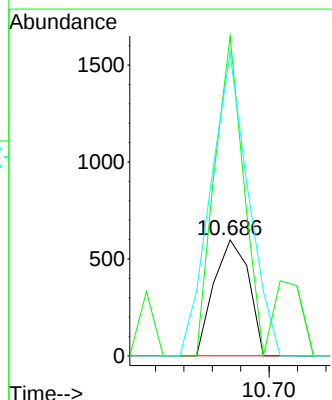
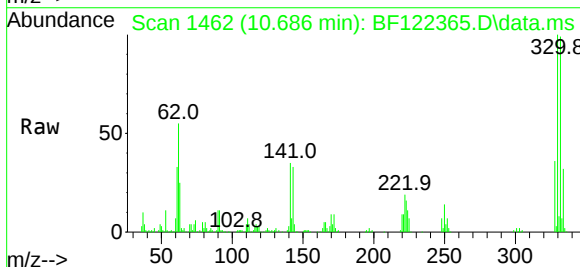
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

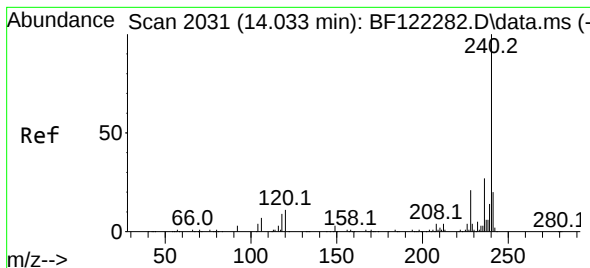
Tgt Ion:188 Resp: 950345
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.30 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

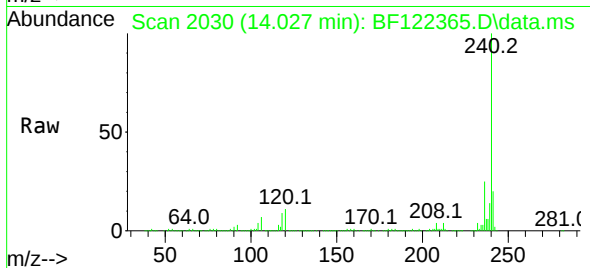
Tgt Ion:198 Resp: 507
Ion Ratio Lower Upper
198 100
51 275.9 29.6 69.6#
105 261.0 24.4 64.4#



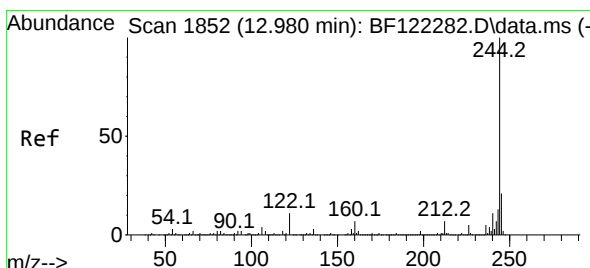
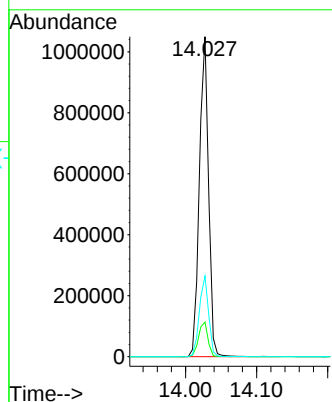
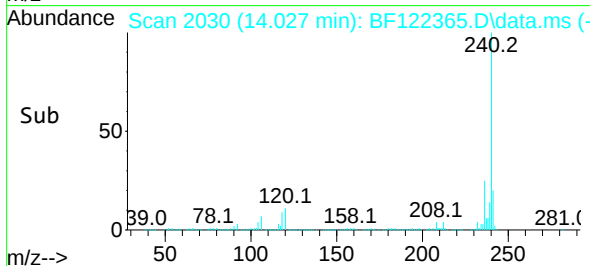


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

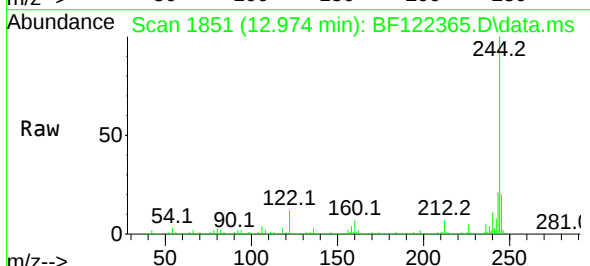
Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5



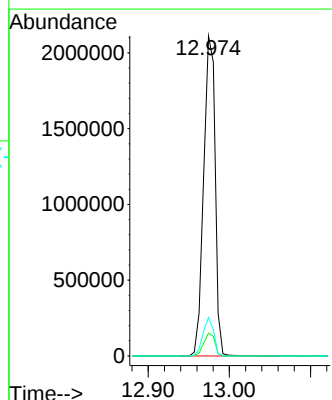
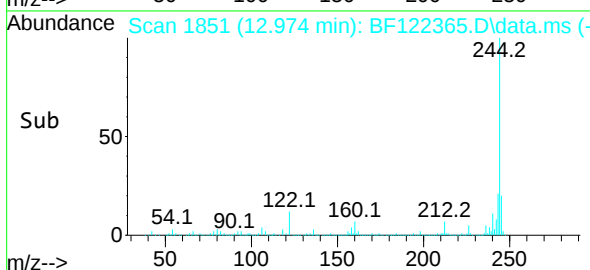
Tgt Ion:240 Resp: 944787
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.2 20.9 31.3

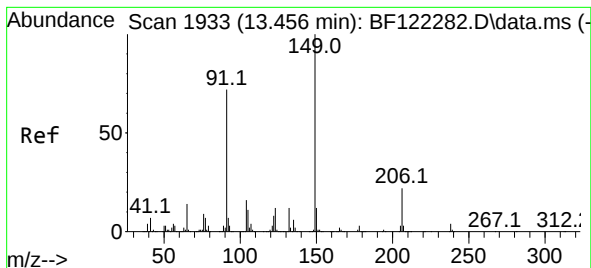


#79
Terphenyl-d14
Concen: 46.55 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53



Tgt Ion:244 Resp: 2075929
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 12.0 8.1 12.1

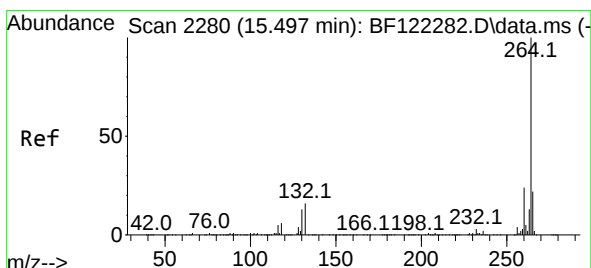
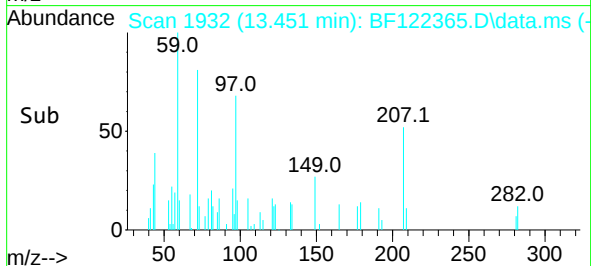
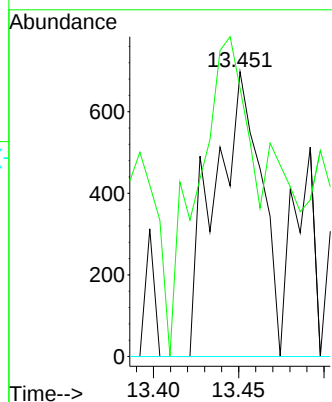
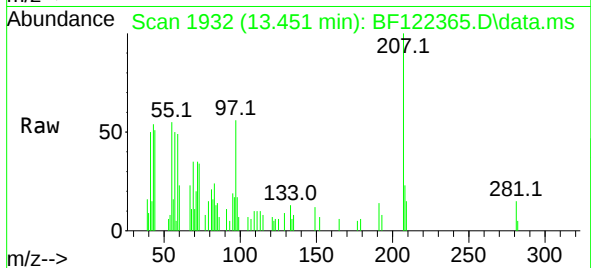




#80
Butylbenzylphthalate
Concen: 3.34 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122365.D
Acq: 18 Nov 2020 13:53

Instrument :
BNA_F
ClientSampleId :
FJ-BH-03-4-5

Tgt Ion:149 Resp: 1334
Ion Ratio Lower Upper
149 100
91 94.3 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: BF122365.D
Acq: 18 Nov 2020 13:53

Tgt Ion:264 Resp: 910857
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.5 17.3 25.9

