

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122658.D
 Acq On : 11 Dec 2020 11:50
 Operator : JU/CG
 Sample : PB133408TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133408TB

Quant Time: Dec 11 13:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

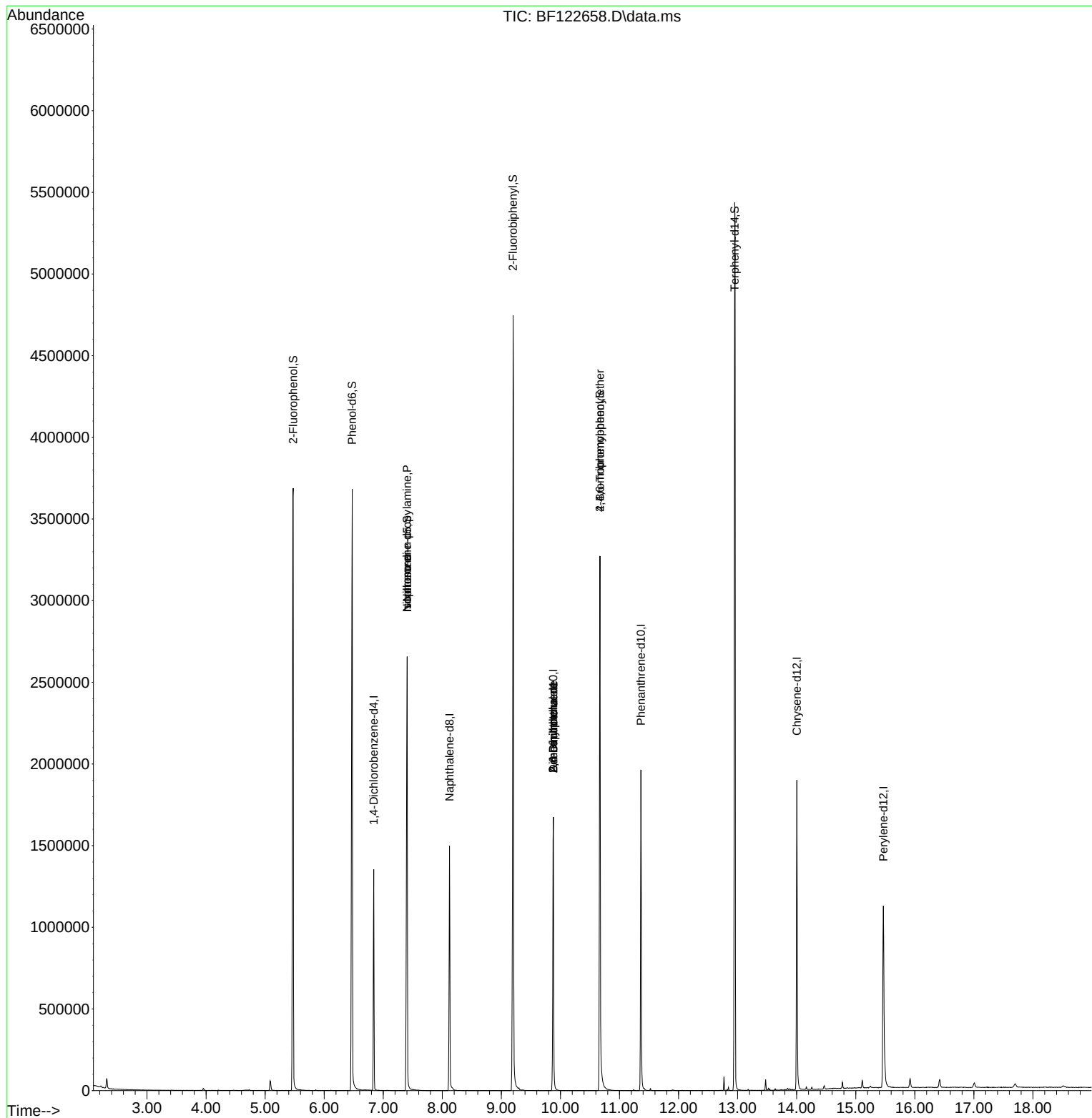
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	191915	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	759730	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	410497	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	779237	20.00	ng	0.00
76) Chrysene-d12	14.004	240	701442	20.00	ng	0.00
86) Perylene-d12	15.468	264	651881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1243436	102.57	ng	0.02
7) Phenol-d6	6.475	99	1551753	96.52	ng	0.00
23) Nitrobenzene-d5	7.404	82	982535	64.80	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	519632	96.71	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1850537	60.97	ng	0.00
79) Terphenyl-d14	12.951	244	2091935	52.20	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	130041	14.12	ng	# 77
25) Isophorone	7.404	82	961446	36.81	ng	# 65
50) Dimethylphthalate	9.880	163	85453	2.61	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	52214	7.54	ng	# 31
57) 2,4-Dinitrotoluene	9.880	165	52214	5.66	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	31478	2.98	ng	# 1

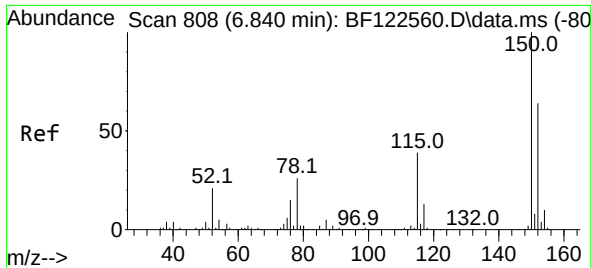
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122658.D
Acq On : 11 Dec 2020 11:50
Operator : JU/CG
Sample : PB133408TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133408TB

Quant Time: Dec 11 13:18:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

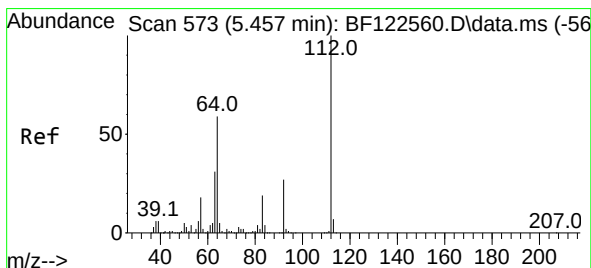
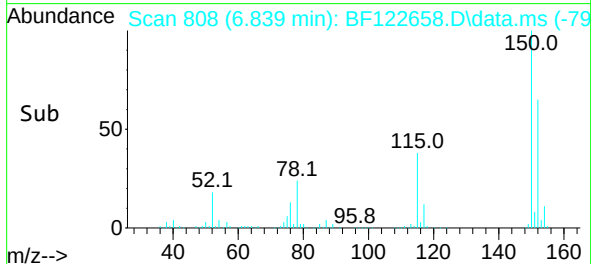
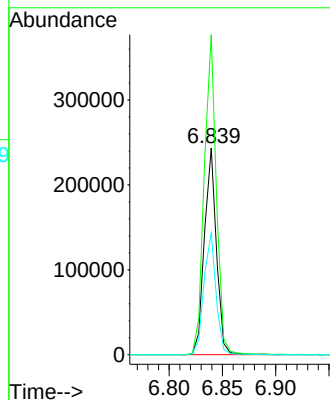
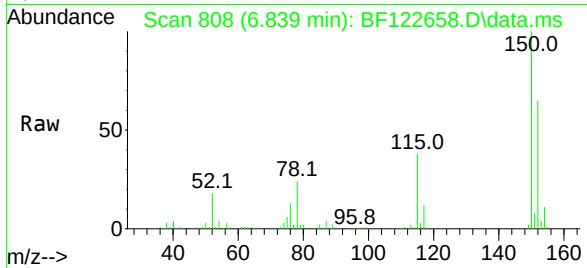




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

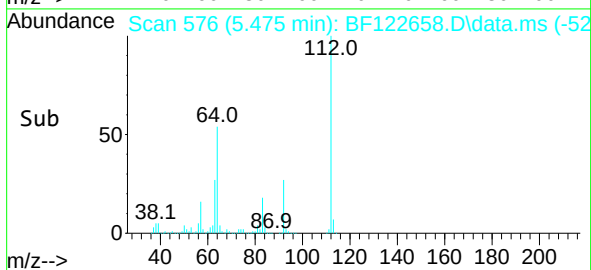
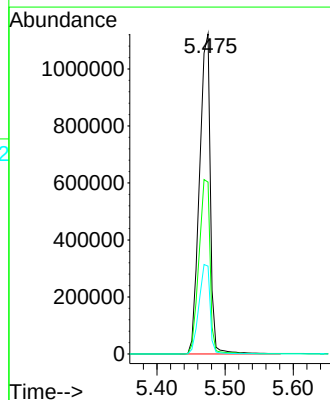
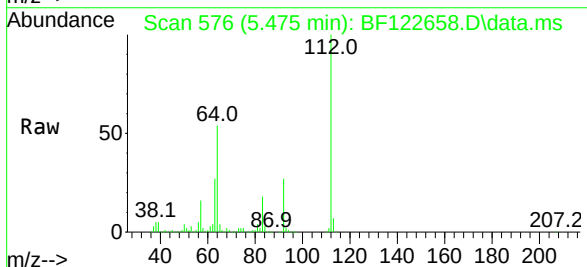
Instrument :
BNA_F
ClientSampleId :
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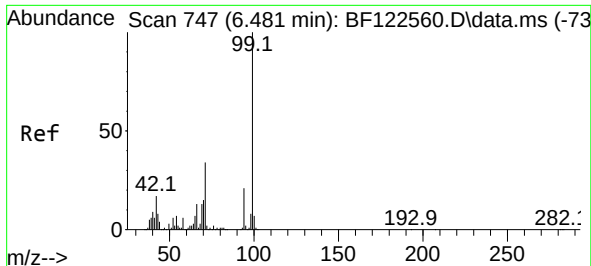
Tgt Ion:152 Resp: 191915
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 102.57 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Tgt Ion:112 Resp: 1243436
Ion Ratio Lower Upper
112 100
64 53.7 46.9 70.3
63 27.4 24.5 36.7

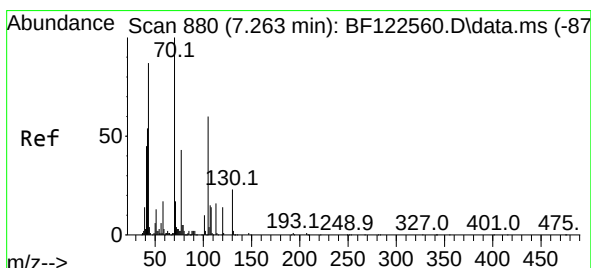
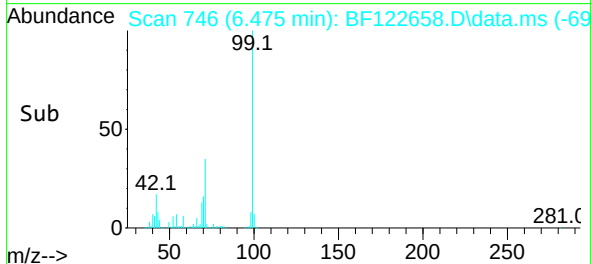
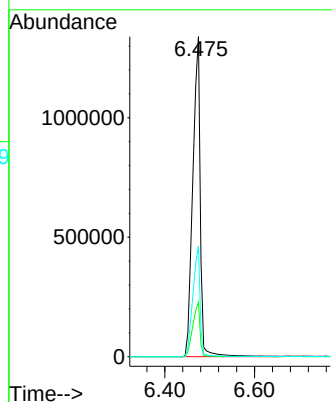
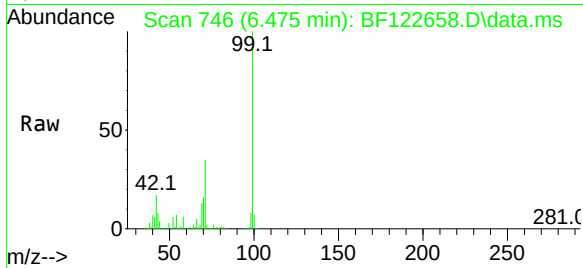




#7
Phenol-d6
Concen: 96.52 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

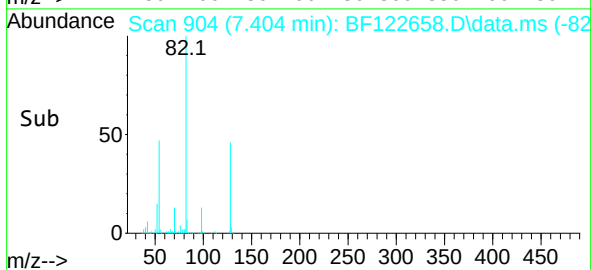
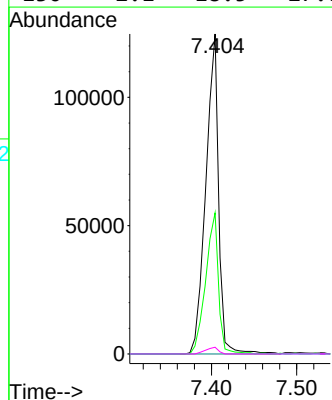
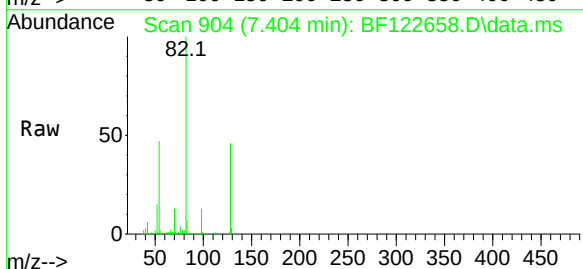
Instrument :
BNA_F
ClientSampleId :
PB133408TB

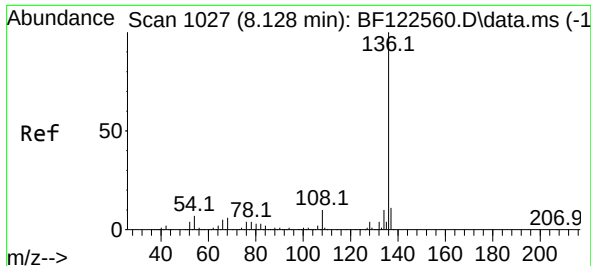
Tgt Ion: 99 Resp: 1551753
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

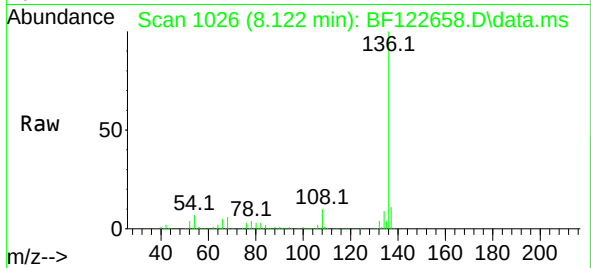
Tgt Ion: 70 Resp: 130041
Ion Ratio Lower Upper
70 100
42 44.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



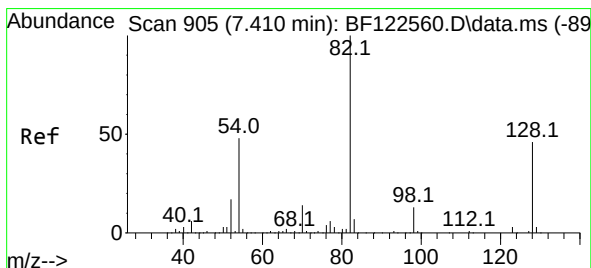
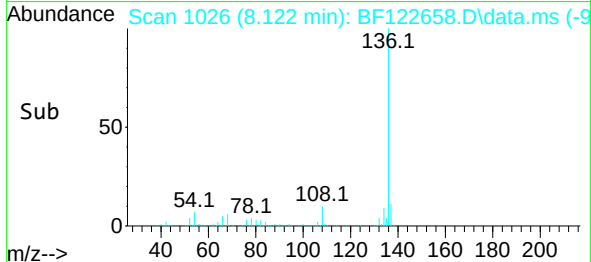
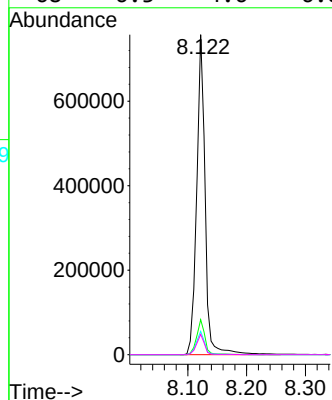


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Instrument :
BNA_F
ClientSampleId :
PB133408TB

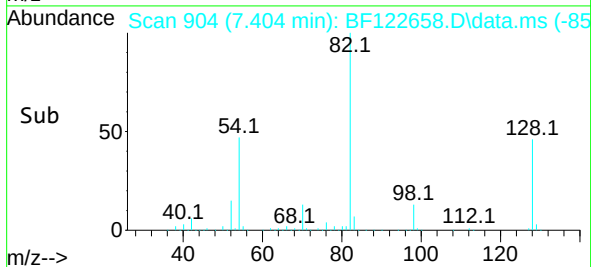
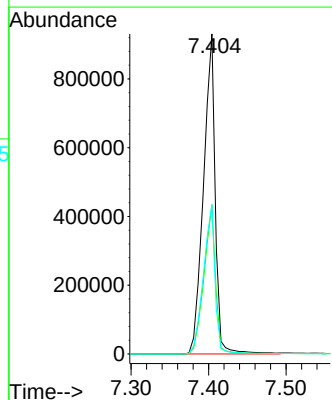
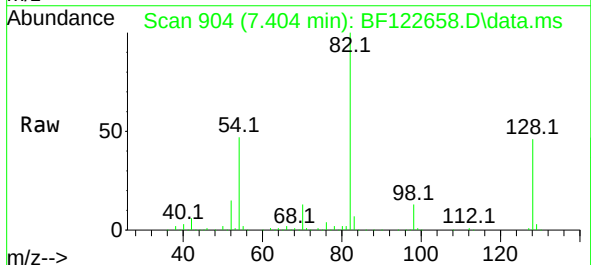


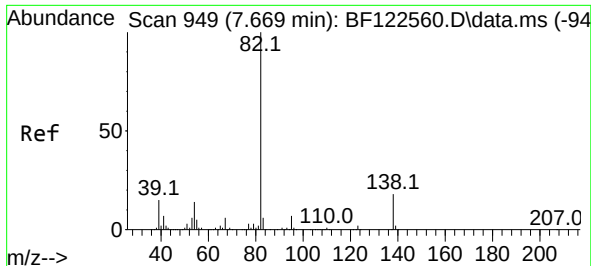
Tgt Ion:136 Resp: 759730
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 64.80 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

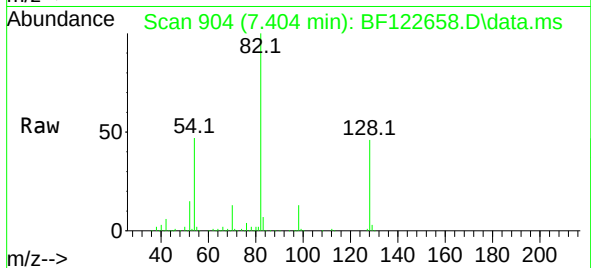
Tgt Ion: 82 Resp: 982535
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.4
54 46.8 38.4 57.6



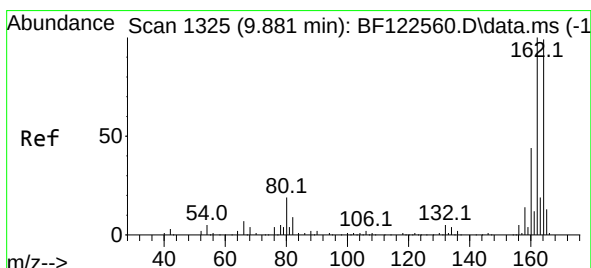
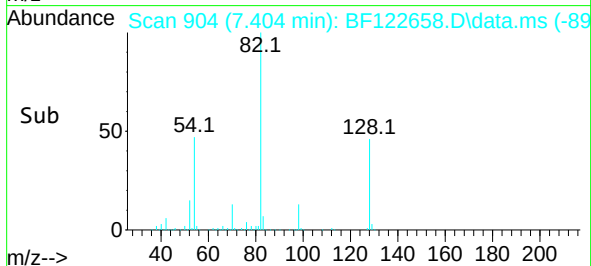
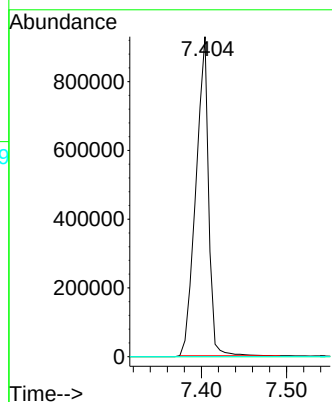


#25
Isophorone
Concen: 36.81 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Instrument :
BNA_F
ClientSampleId :
PB133408TB

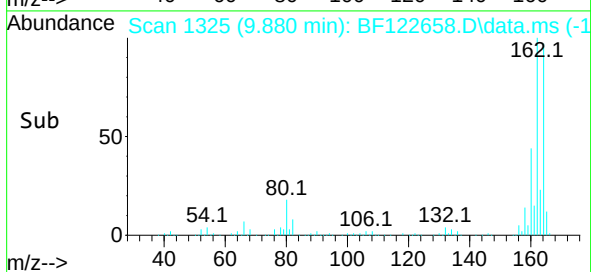
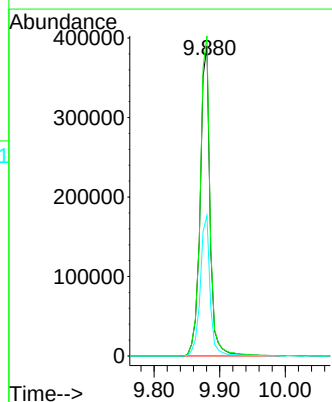
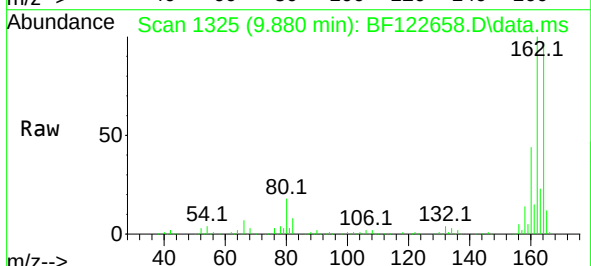


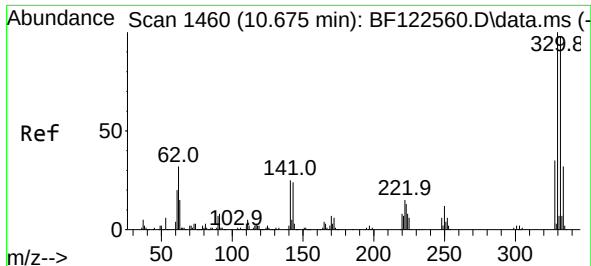
Tgt Ion: 82 Resp: 961446
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Tgt Ion: 164 Resp: 410497
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.3 35.4 53.0

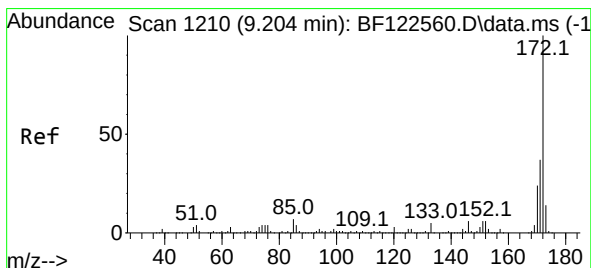
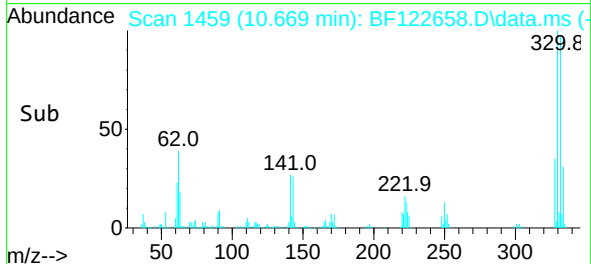
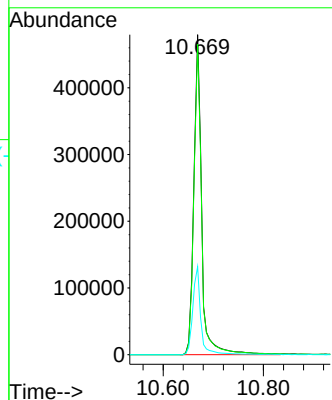
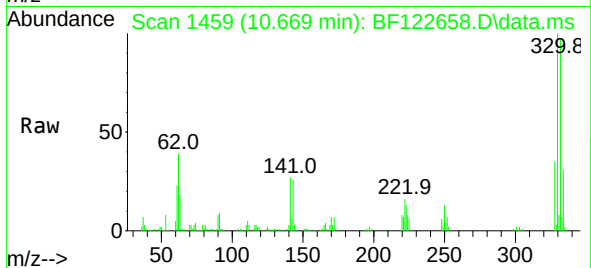




#42
2,4,6-Tribromophenol
Concen: 96.71 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

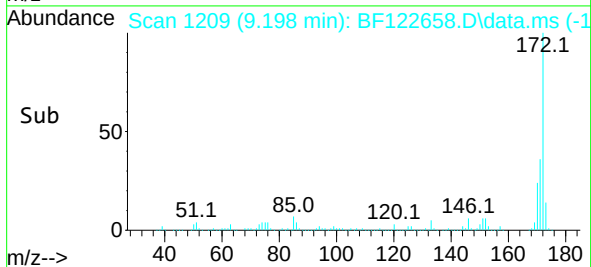
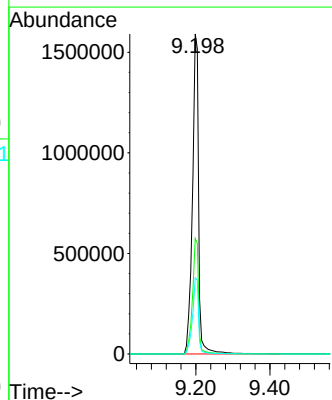
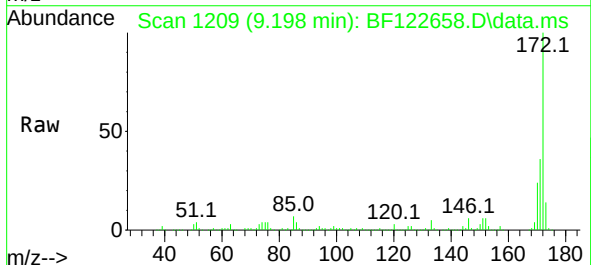
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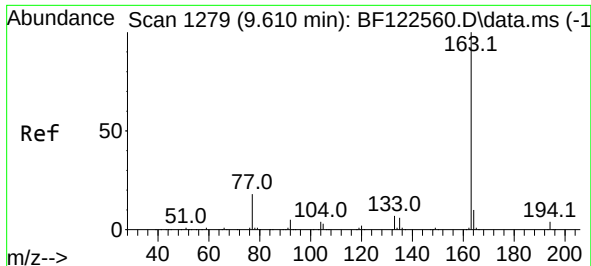
Tgt Ion: 330 Resp: 519632
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 28.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 60.97 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Tgt Ion: 172 Resp: 1850537
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.5 29.3

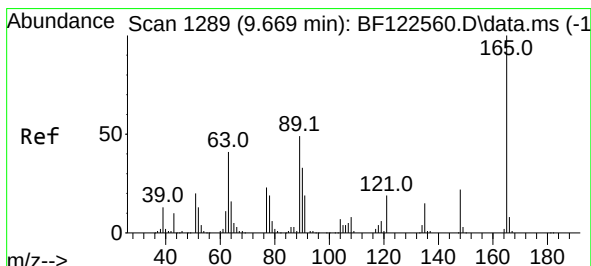
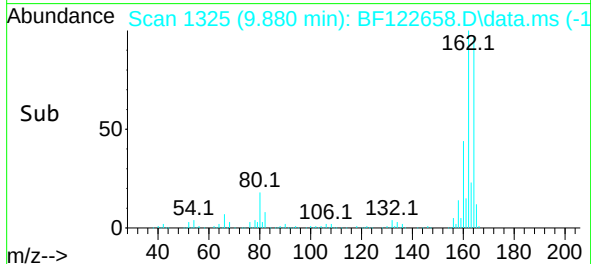
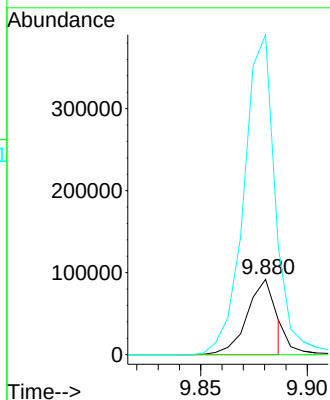
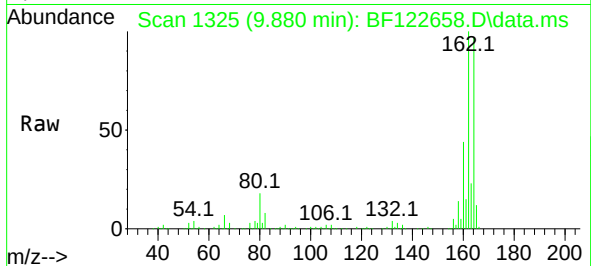




#50
Dimethylphthalate
Concen: 2.61 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.270 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

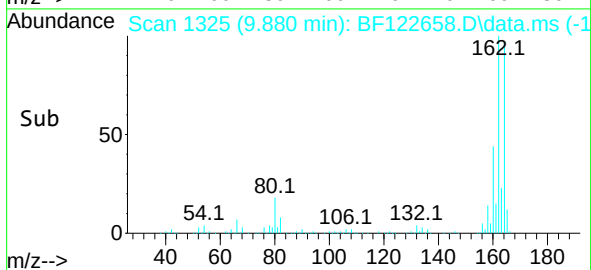
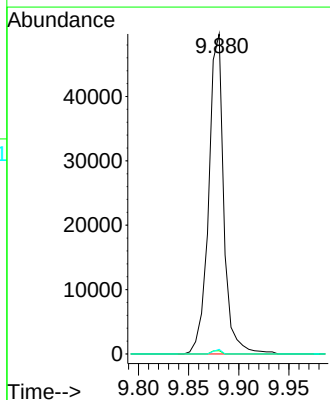
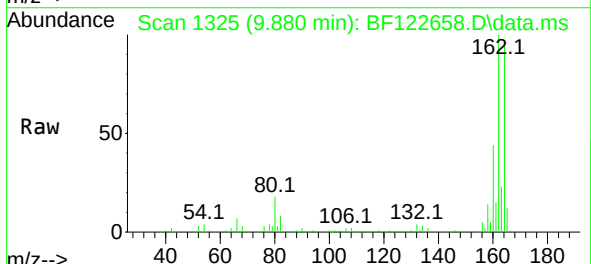
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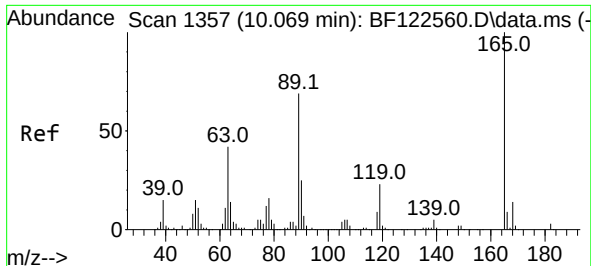
Tgt Ion:163 Resp: 85453
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 424.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.212 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

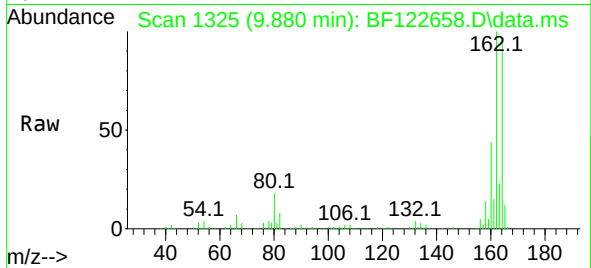
Tgt Ion:165 Resp: 52214
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.5 39.4 59.0#



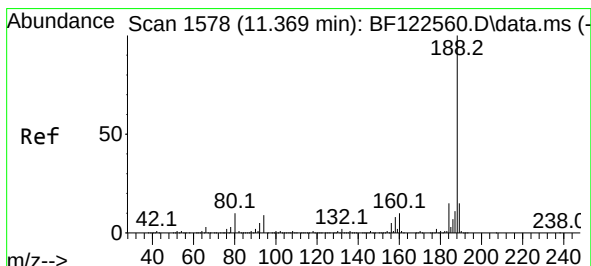
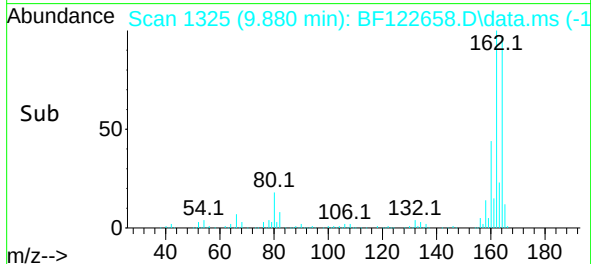
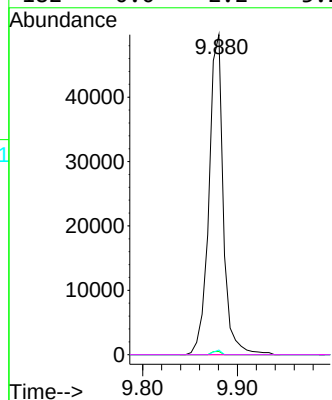


#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.188 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Instrument :
BNA_F
ClientSampleId :
PB133408TB

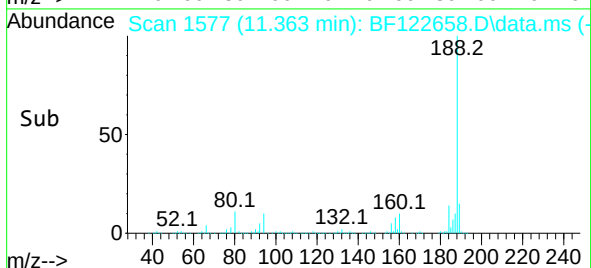
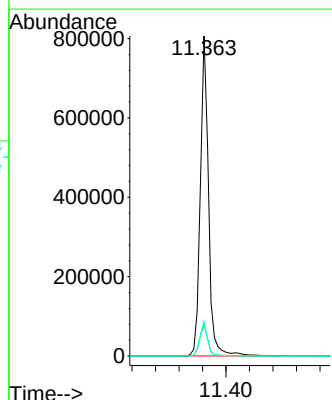
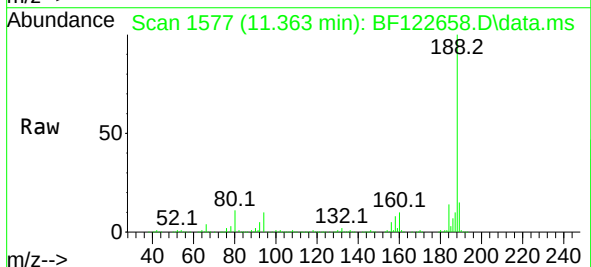


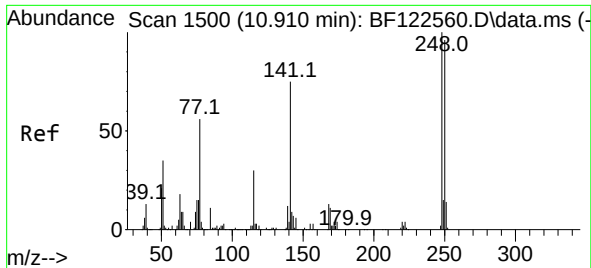
Tgt Ion:165 Resp: 52214
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Tgt Ion:188 Resp: 779237
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4

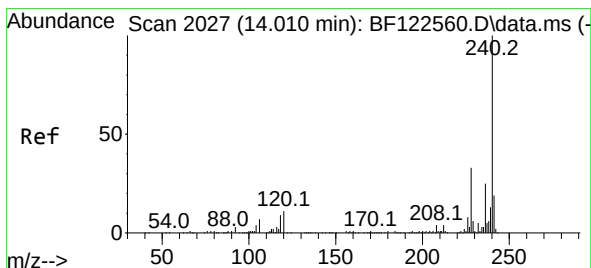
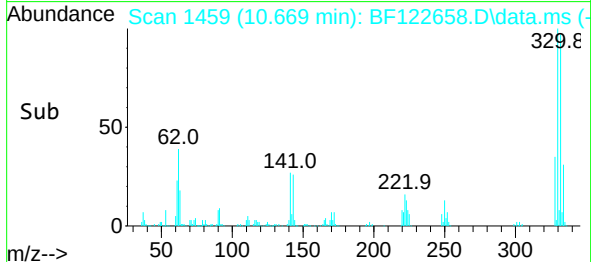
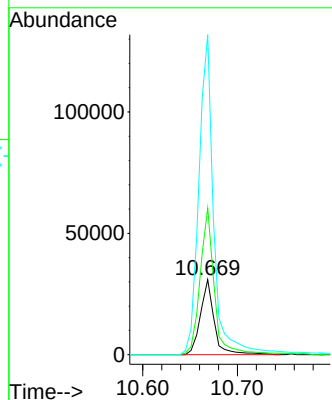
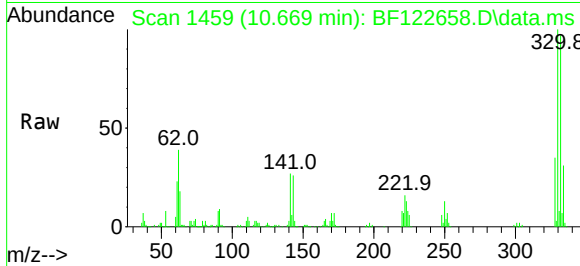




#67
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

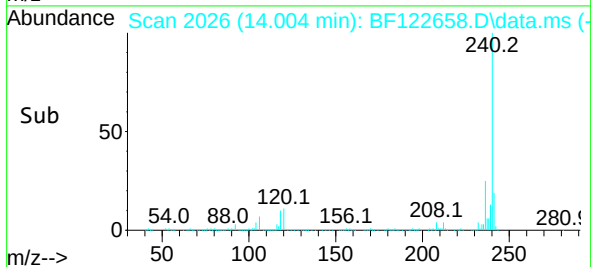
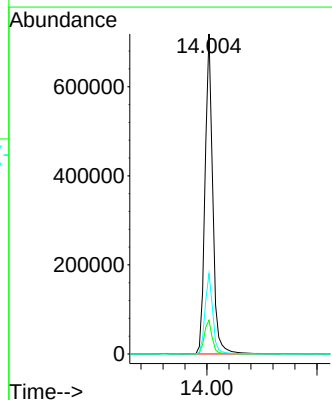
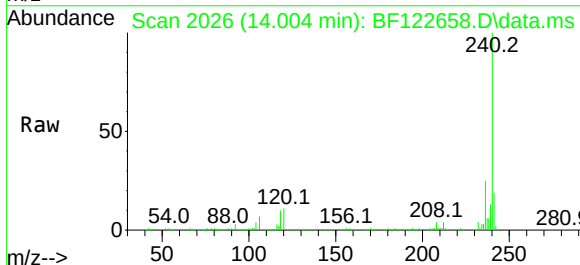
Instrument :
BNA_F
ClientSampleId :
PB133408TB

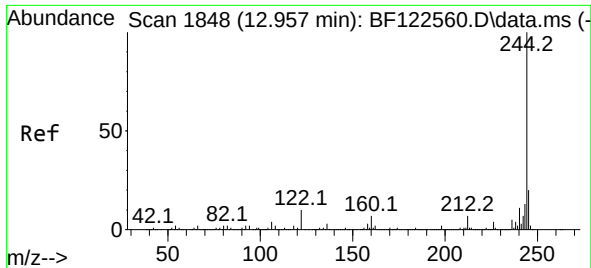
Tgt Ion:248 Resp: 31478
Ion Ratio Lower Upper
248 100
250 195.5 76.8 115.2#
141 426.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122658.D
Acq: 11 Dec 2020 11:50

Tgt Ion:240 Resp: 701442
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.2 20.3 30.5

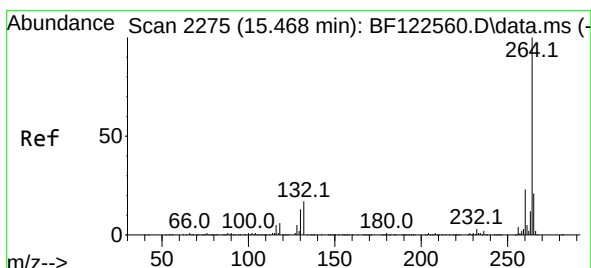
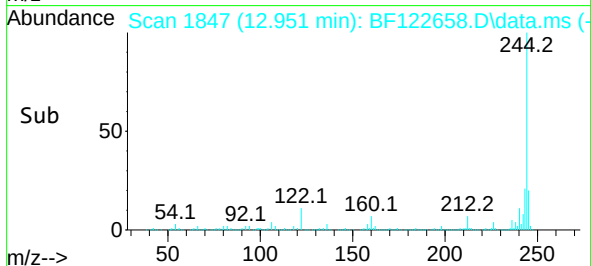
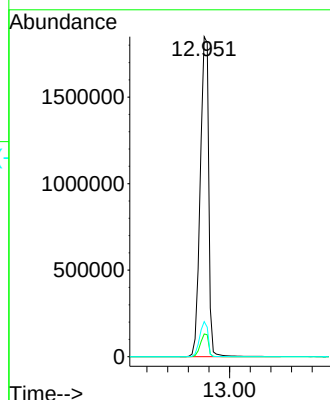
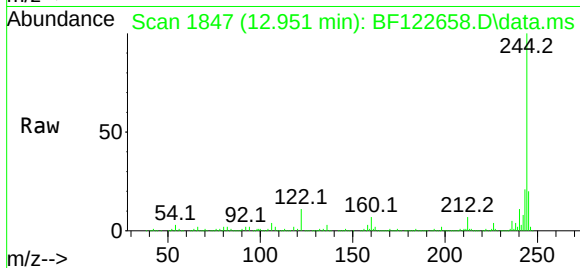




#79
 Terphenyl-d14
 Concen: 52.20 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122658.D
 Acq: 11 Dec 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB133408TB

Tgt Ion:244 Resp: 2091935
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF122658.D
 Acq: 11 Dec 2020 11:50

Tgt Ion:264 Resp: 651881
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.4 17.0 25.6

