

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122661.D
 Acq On : 11 Dec 2020 14:04
 Operator : JU/CG
 Sample : L5033-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-48

Quant Time: Dec 11 15:33:21 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)

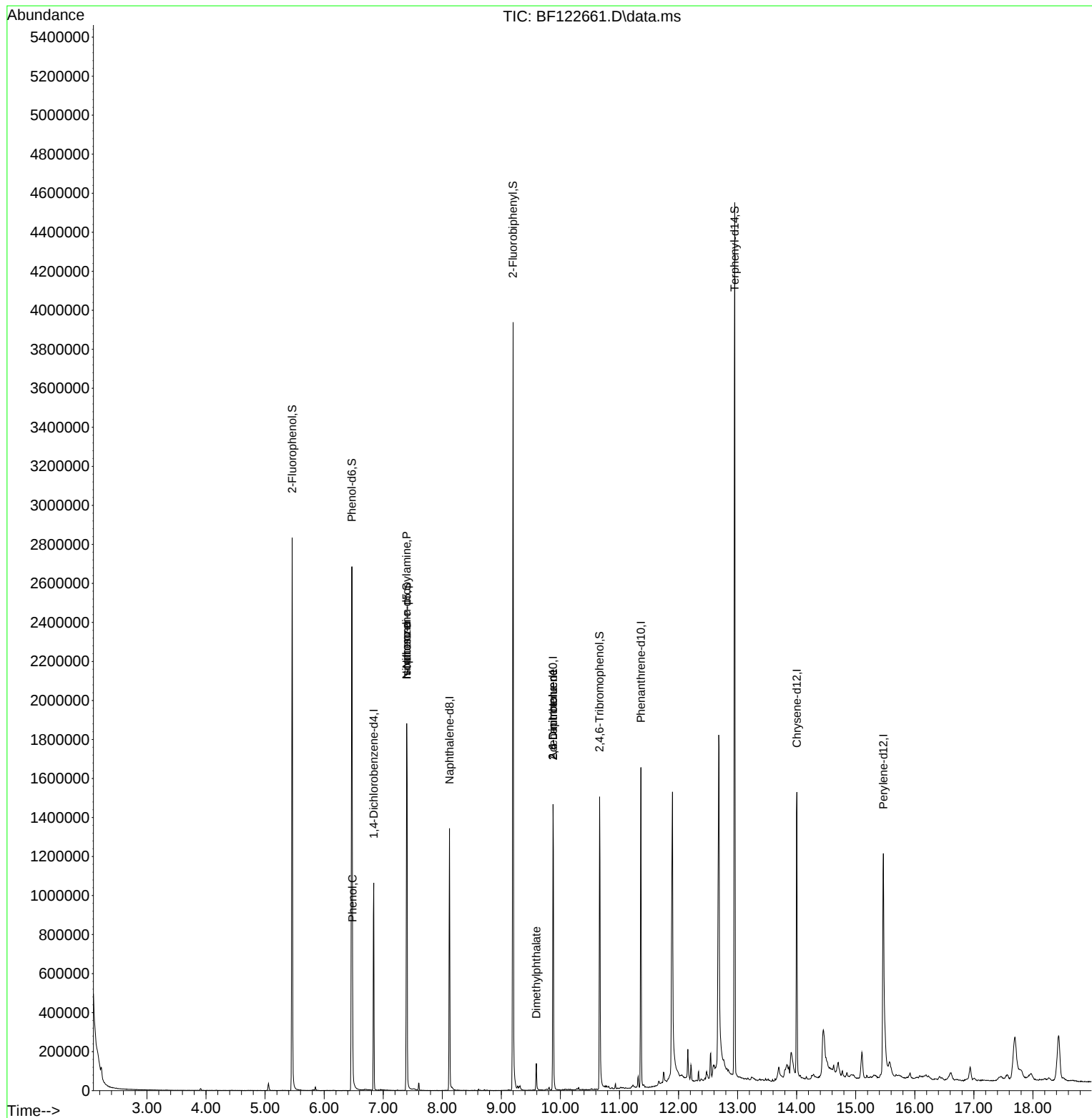
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	158542	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	613718	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	325839	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	604638	20.00	ng	0.00
76) Chrysene-d12	14.004	240	544792	20.00	ng	0.00
86) Perylene-d12	15.468	264	474015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	826427	82.52	ng	0.00
7) Phenol-d6	6.469	99	1067248	80.36	ng	-0.01
23) Nitrobenzene-d5	7.398	82	670699	54.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	219409	51.44	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1303474	54.11	ng	0.00
79) Terphenyl-d14	12.951	244	1465739	47.09	ng	0.00
Target Compounds						
10) Phenol	6.481	94	117190	8.52	ng	Qvalue 86
19) n-Nitroso-di-n-propyla...	7.398	70	87297	11.47	ng	# 77
25) Isophorone	7.398	82	662961	31.42	ng	# 65
50) Dimethylphthalate	9.592	163	63145	2.43	ng	100
51) 2,6-Dinitrotoluene	9.875	165	42147	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	42147	5.76	ng	# 25

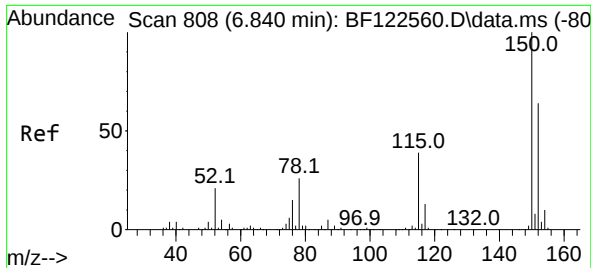
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122661.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 11 15:33:21 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

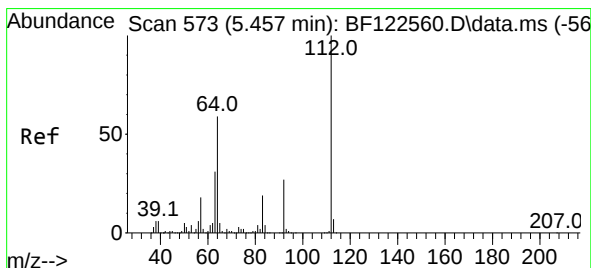
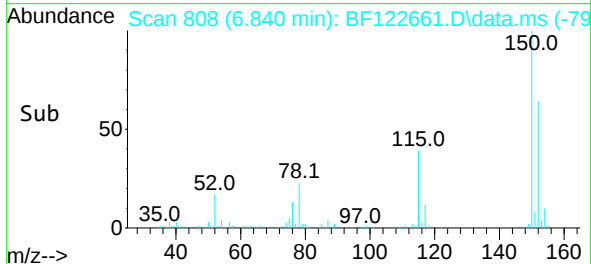
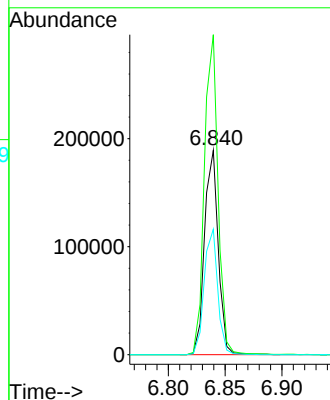
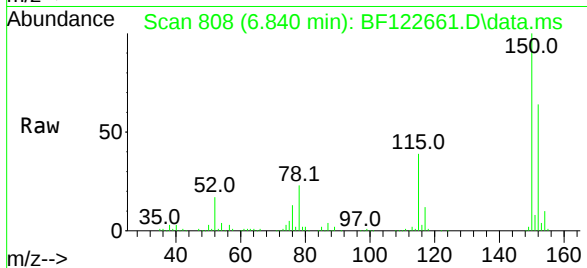




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

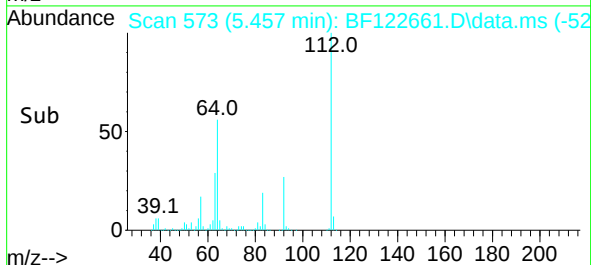
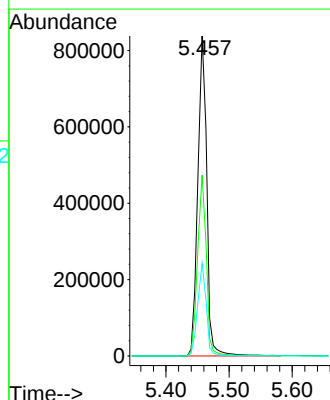
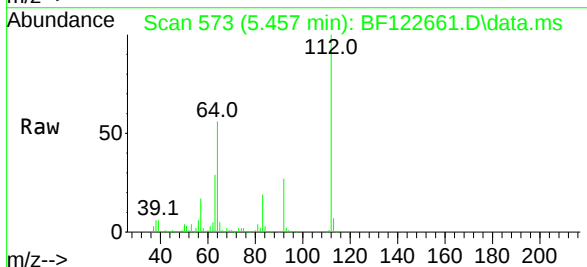
Instrument :
BNA_F
ClientSampled :
CS-48

Tgt Ion:152 Resp: 158542
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 82.52 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion:112 Resp: 826427
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 28.9 24.5 36.7

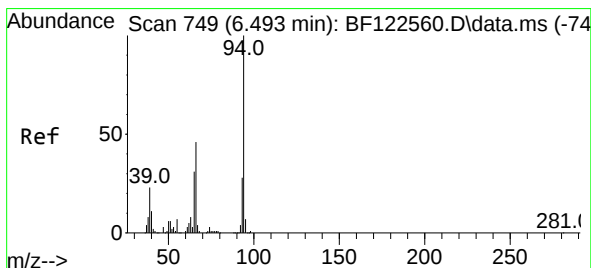
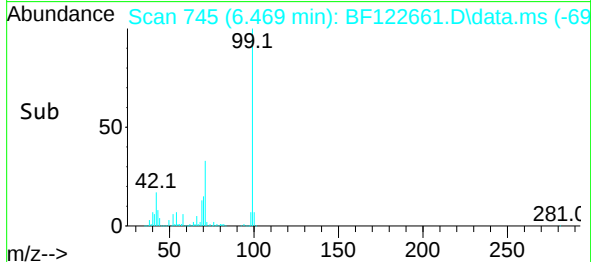
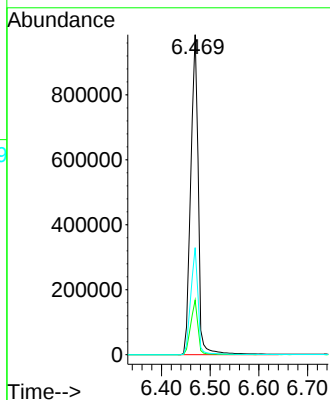
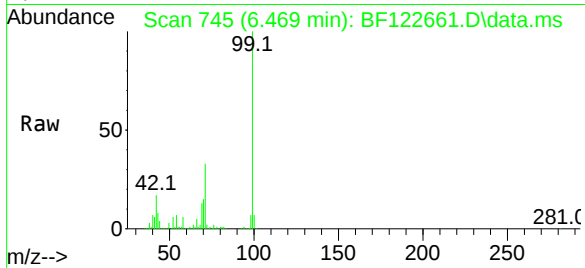




#7
Phenol-d6
Concen: 80.36 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

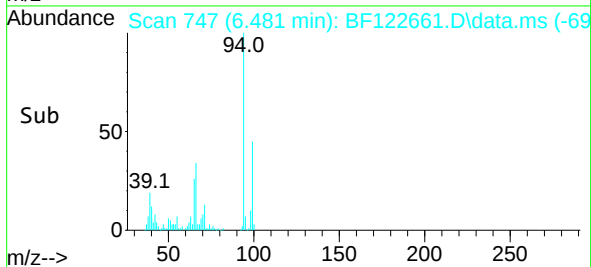
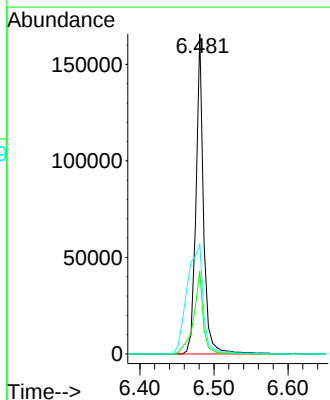
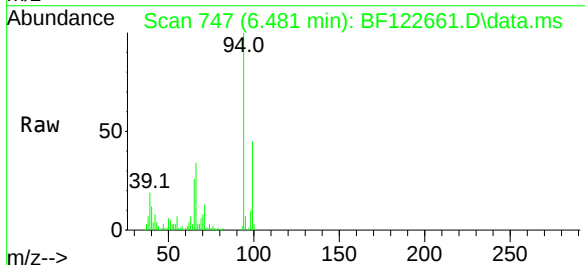
Instrument :
BNA_F
ClientSampleId :
CS-48

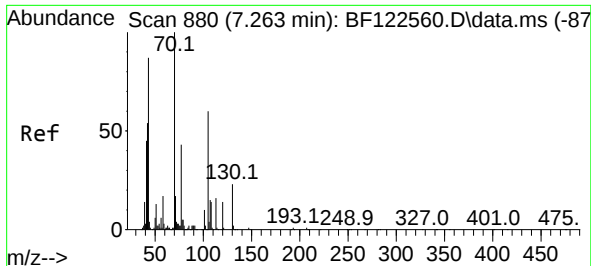
Tgt Ion: 99 Resp: 1067248
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 33.4 26.9 40.3



#10
Phenol
Concen: 8.52 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion: 94 Resp: 117190
Ion Ratio Lower Upper
94 100
65 25.8 11.2 51.2
66 34.3 25.8 65.8

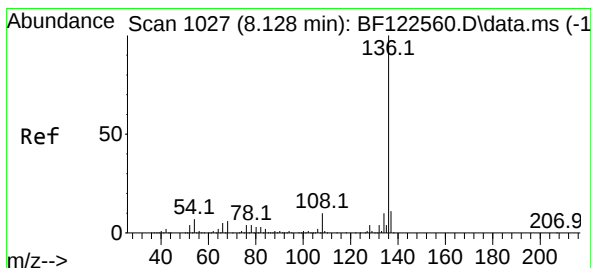
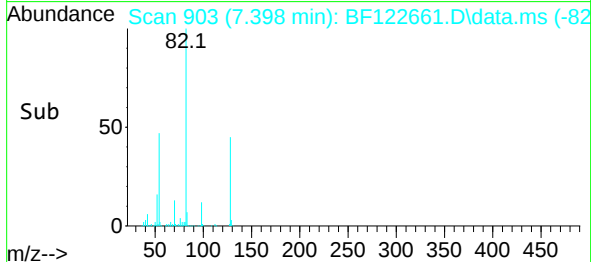
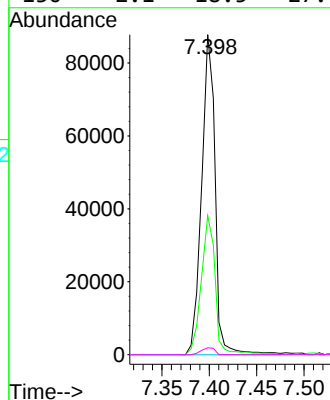
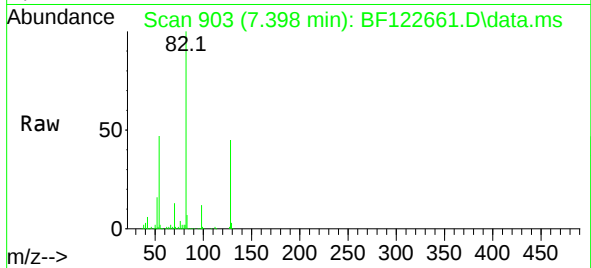




#19
n-Nitroso-di-n-propylamine
Concen: 11.47 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

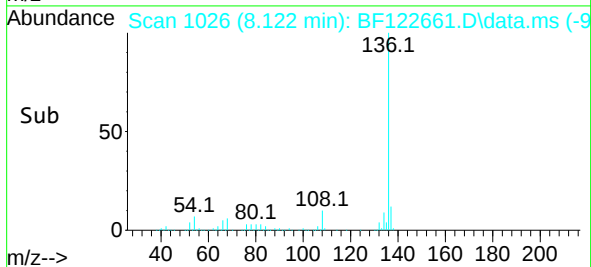
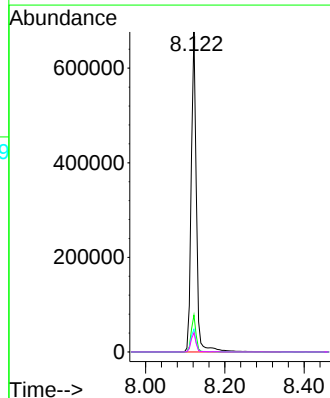
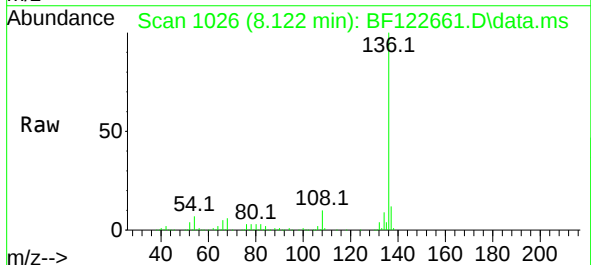
Instrument :
BNA_F
ClientSampleId :
CS-48

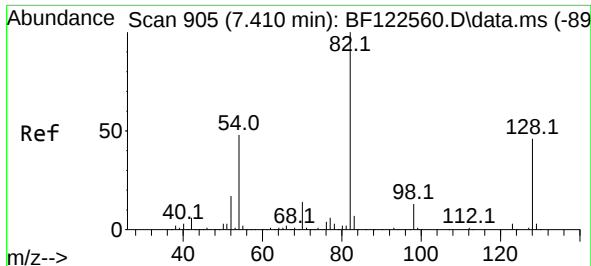
Tgt Ion: 70	Resp: 87297
Ion Ratio	Lower Upper
70 100	
42 43.5	43.0 64.4
101 0.0	7.9 11.9#
130 2.1	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion: 136	Resp: 613718
Ion Ratio	Lower Upper
136 100	
137 11.5	8.8 13.2
54 7.1	5.5 8.3
68 6.0	4.6 6.8

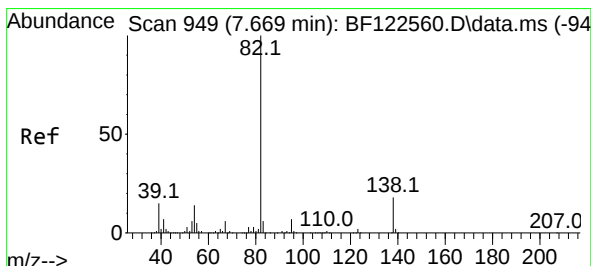
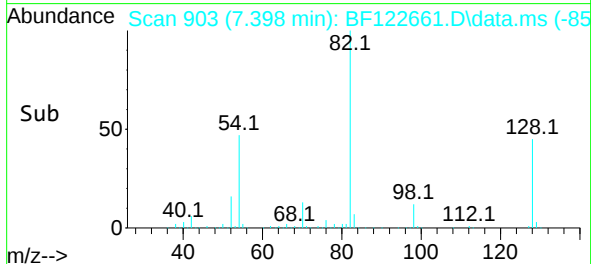
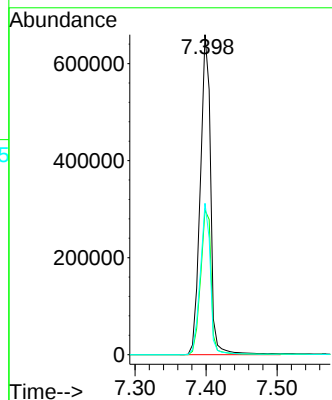
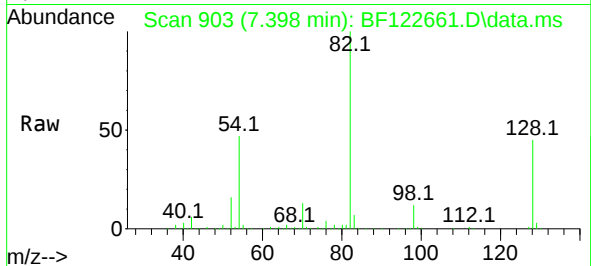




#23
Nitrobenzene-d5
Concen: 54.75 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

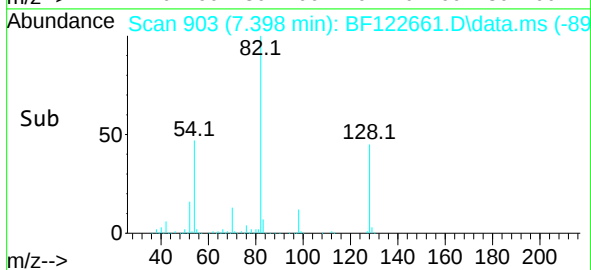
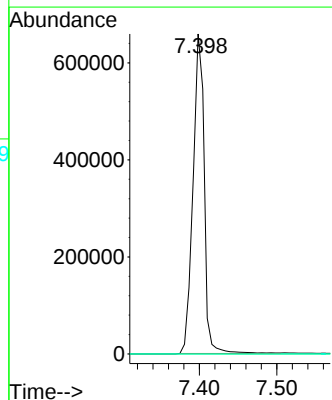
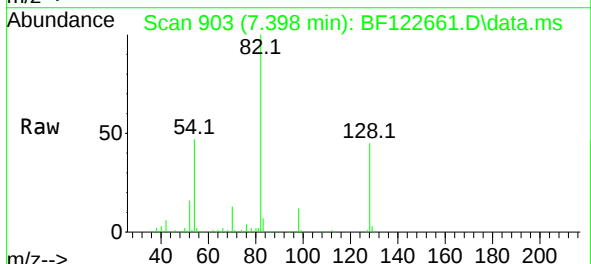
Instrument :
BNA_F
ClientSampleId :
CS-48

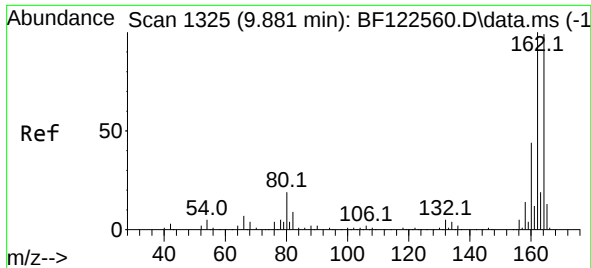
Tgt Ion: 82 Resp: 670699
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 47.3 38.4 57.6



#25
Isophorone
Concen: 31.42 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion: 82 Resp: 662961
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

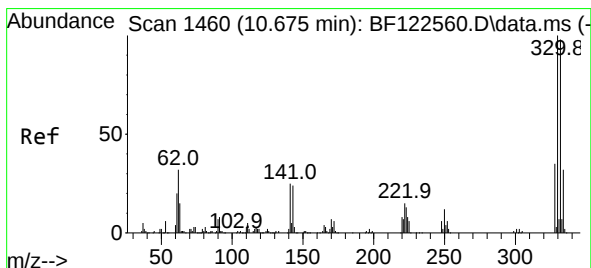
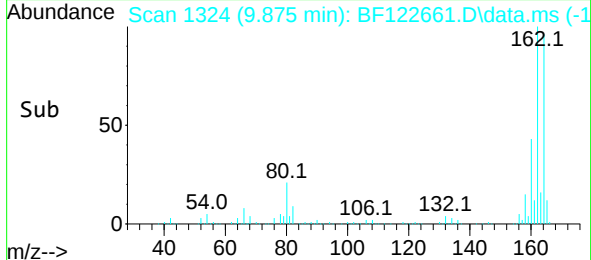
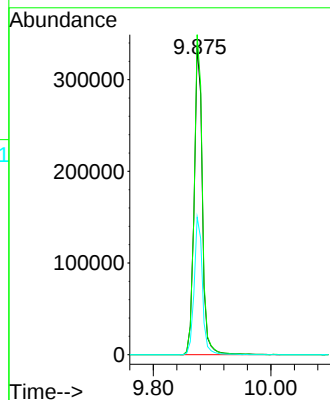
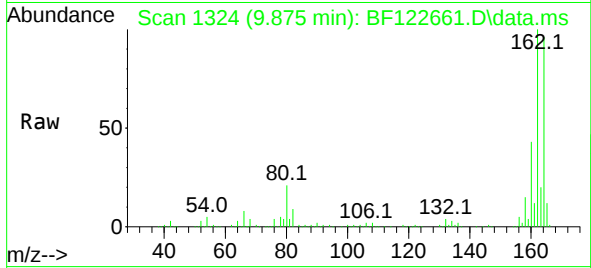




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

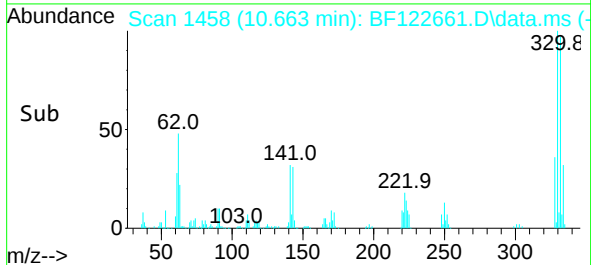
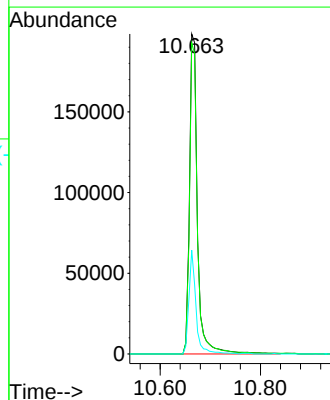
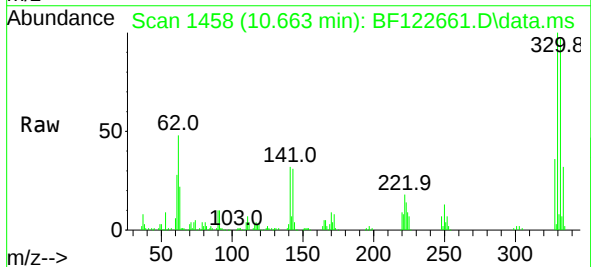
Instrument :
BNA_F
ClientSampleId :
CS-48

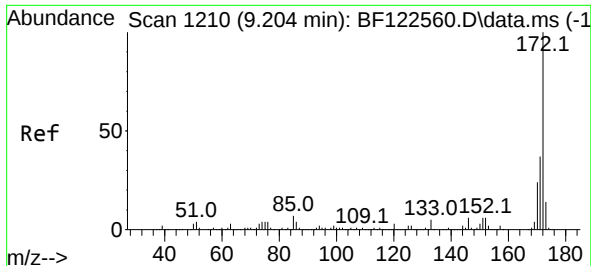
Tgt Ion:164 Resp: 325839
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 51.44 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion:330 Resp: 219409
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.9 23.8 35.8

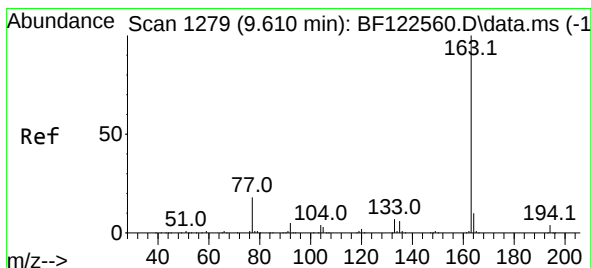
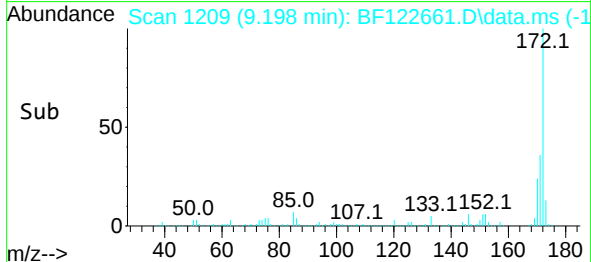
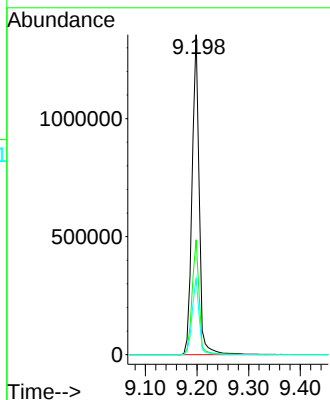
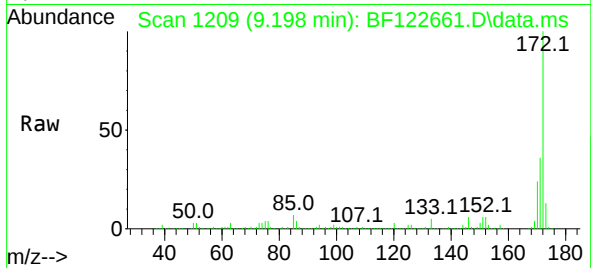




#45
2-Fluorobiphenyl
Concen: 54.11 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

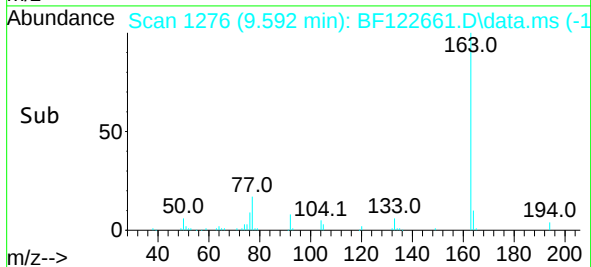
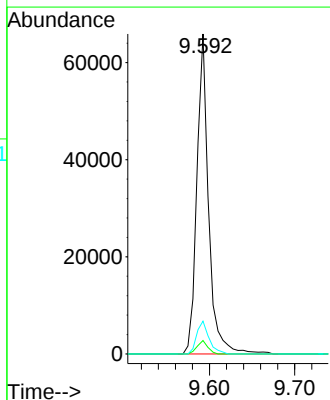
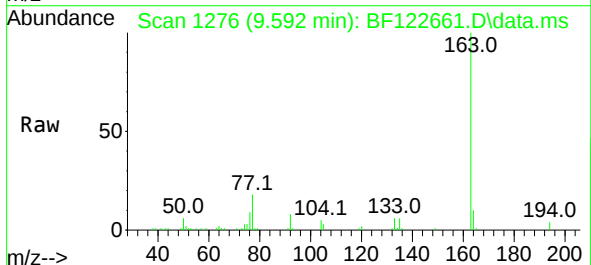
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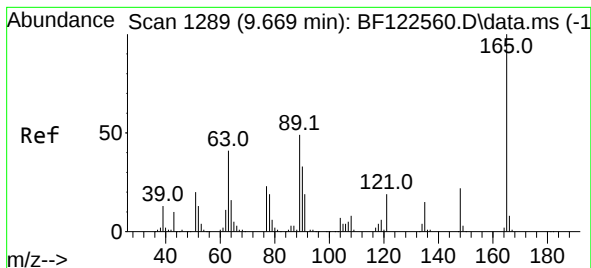
Tgt Ion:172 Resp: 1303474
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 2.43 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion:163 Resp: 63145
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.1 12.1

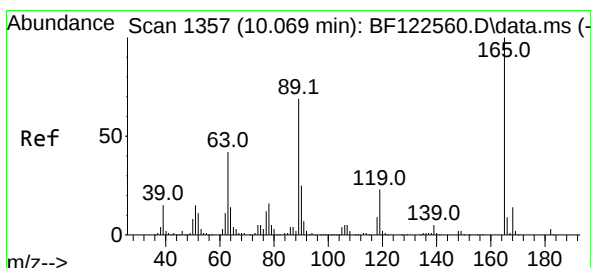
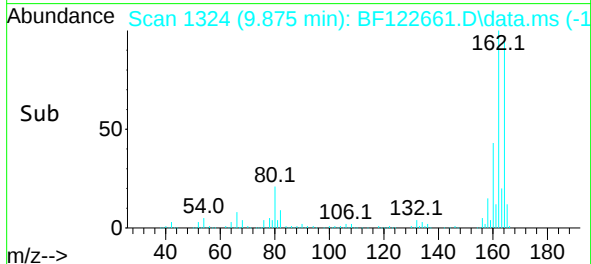
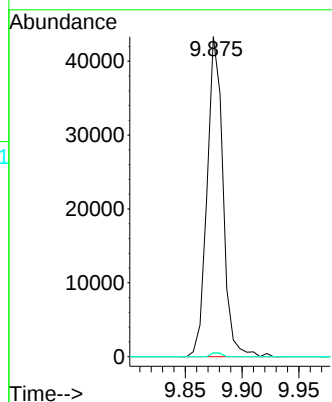
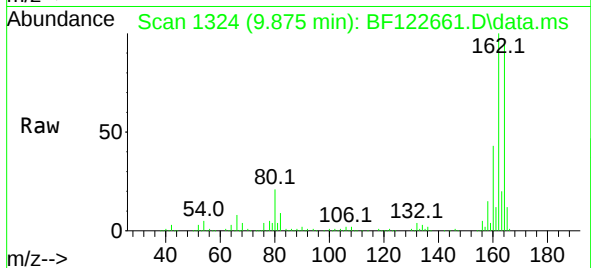




#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

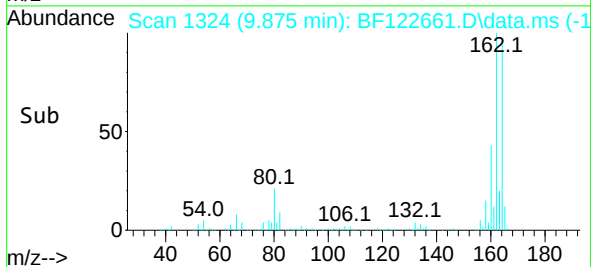
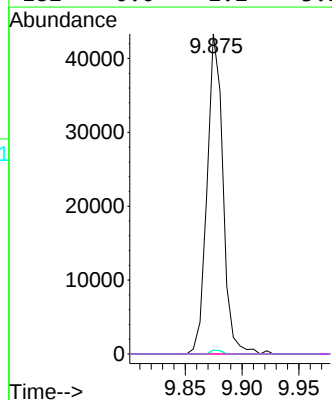
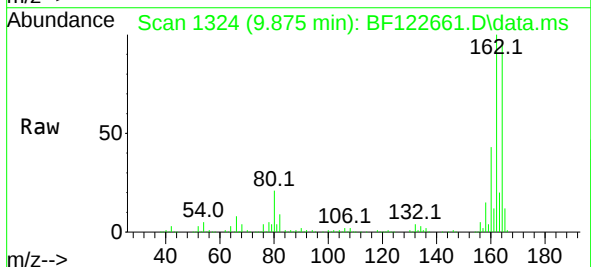
Instrument :
BNA_F
ClientSampled :
CS-48

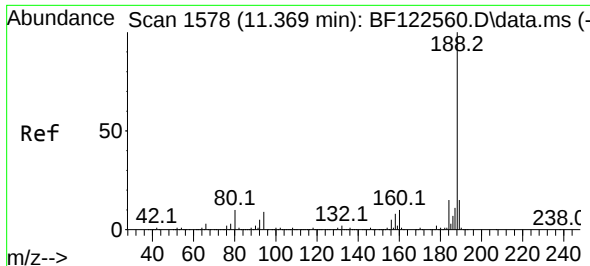
Tgt Ion:165 Resp: 42147
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion:165 Resp: 42147
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

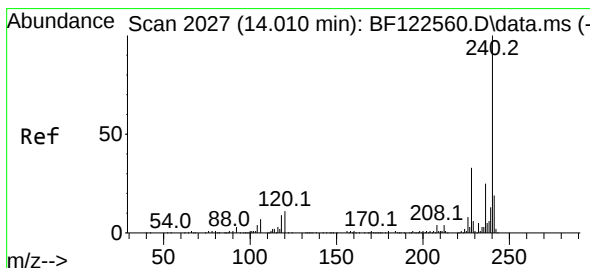
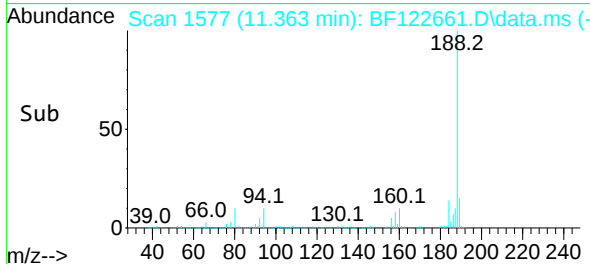
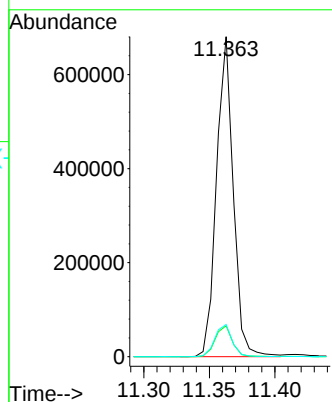
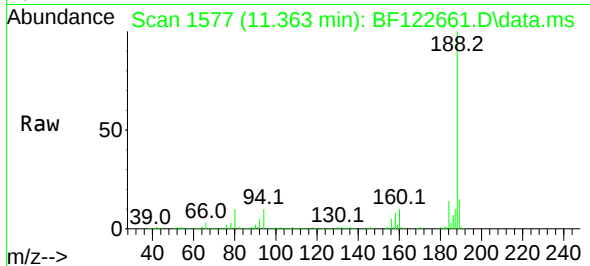




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

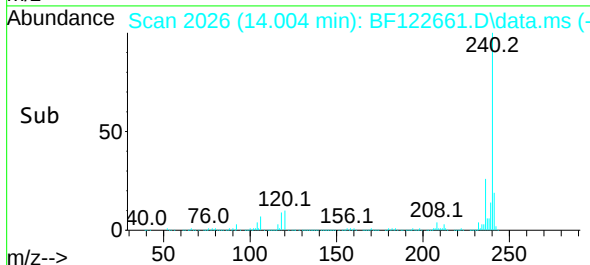
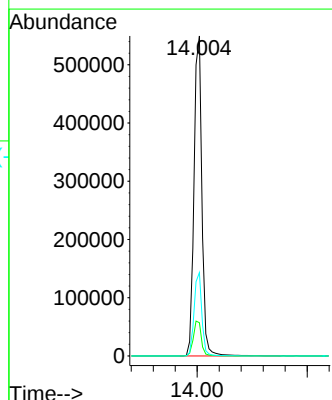
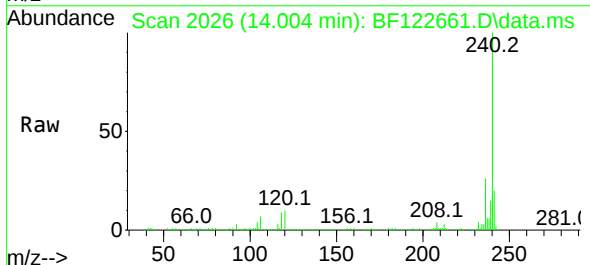
Instrument :
BNA_F
ClientSampleId :
CS-48

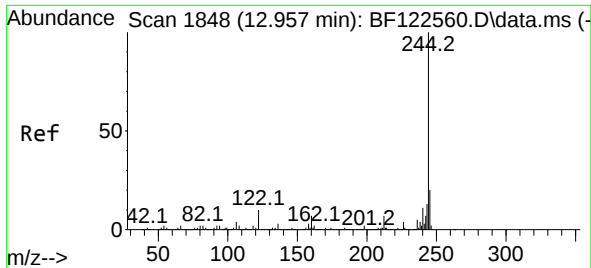
Tgt Ion:188 Resp: 604638
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122661.D
Acq: 11 Dec 2020 14:04

Tgt Ion:240 Resp: 544792
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.0 20.3 30.5

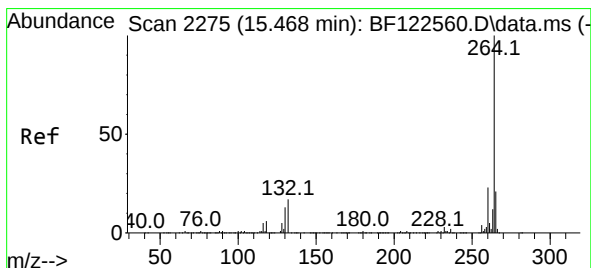
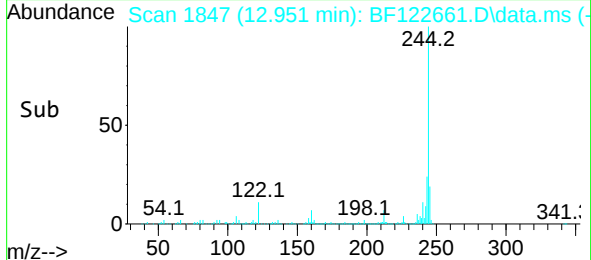
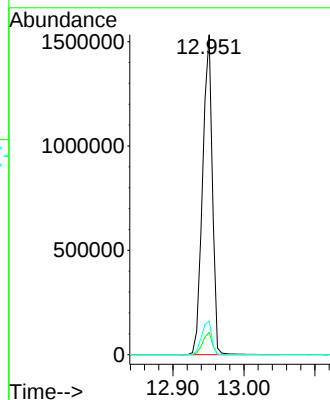
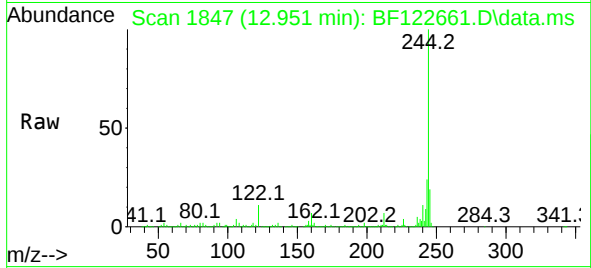




#79
 Terphenyl-d14
 Concen: 47.09 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122661.D
 Acq: 11 Dec 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 CS-48

Tgt Ion:244 Resp: 1465739
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.5 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: BF122661.D
 Acq: 11 Dec 2020 14:04

Tgt Ion:264 Resp: 474015
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 22.0 17.0 25.6

