

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122590.D
 Acq On : 8 Dec 2020 16:10
 Operator : JU/CG
 Sample : L4970-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4S1-A-D-COMP

Quant Time: Dec 08 17:13:40 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)

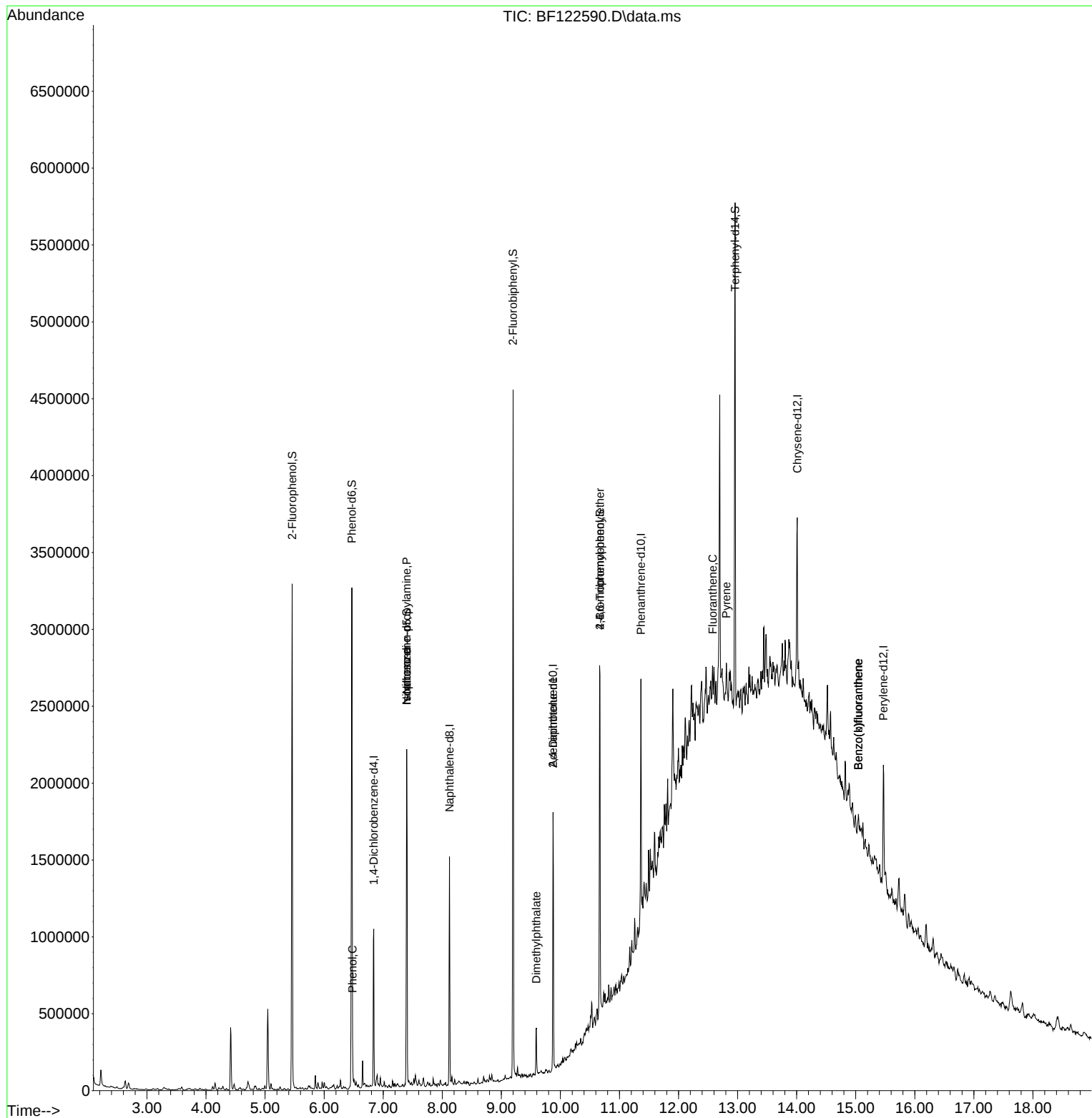
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	156769	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	625208	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	332297	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	569076	20.00	ng	0.00
76) Chrysene-d12	14.010	240	384592	20.00	ng	0.00
86) Perylene-d12	15.468	264	384752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	944054	95.34	ng	0.00
7) Phenol-d6	6.469	99	1194519	90.96	ng	-0.01
23) Nitrobenzene-d5	7.398	82	718922	57.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	340817	78.36	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1330754	54.17	ng	0.00
79) Terphenyl-d14	12.957	244	1180050	53.71	ng	0.00
Target Compounds						
10) Phenol	6.481	94	49408	3.63	ng	Qvalue 87
19) n-Nitroso-di-n-propyla...	7.398	70	95593	12.71	ng	# 80
25) Isophorone	7.398	82	711352	33.10	ng	# 65
50) Dimethylphthalate	9.592	163	132502	4.99	ng	99
57) 2,4-Dinitrotoluene	9.875	165	45723	6.12	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	21458	2.78	ng	# 1
75) Fluoranthene	12.580	202	97514	2.75	ng	77
78) Pyrene	12.810	202	83527	2.81	ng	# 86
88) Benzo(b)fluoranthene	15.045	252	83484	3.09	ng	# 53
89) Benzo(k)fluoranthene	15.045	252	83484	3.38	ng	# 51

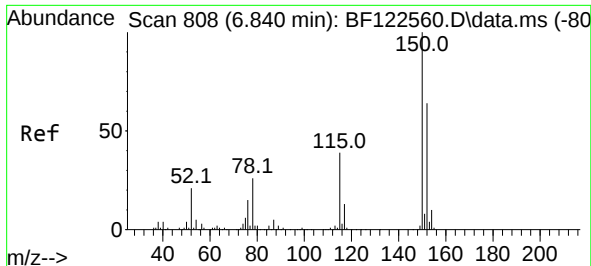
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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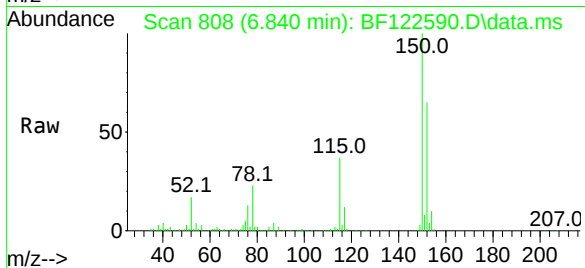
Quant Time: Dec 08 17:13:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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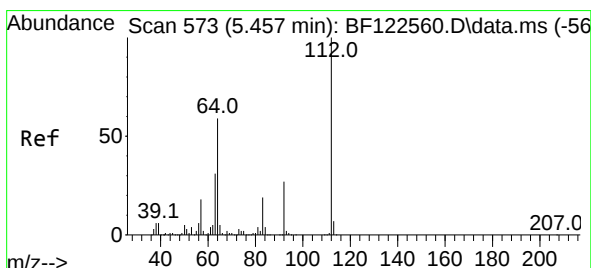
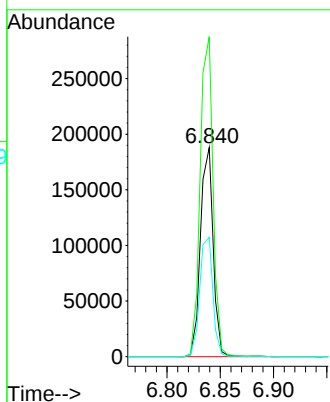
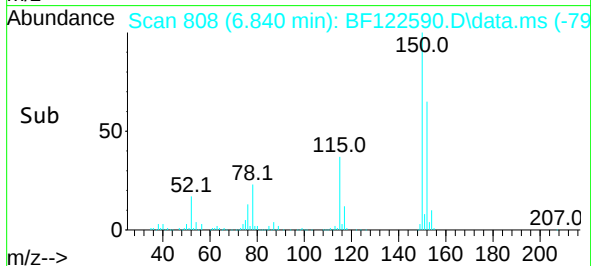


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

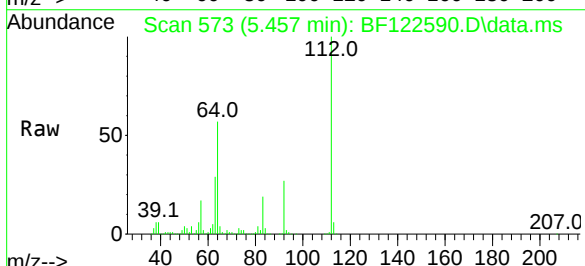
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP



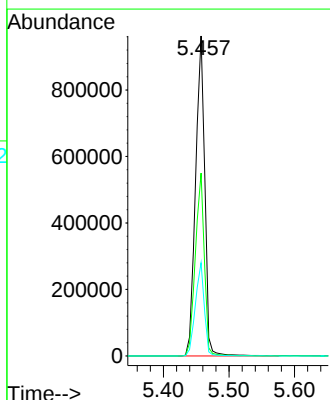
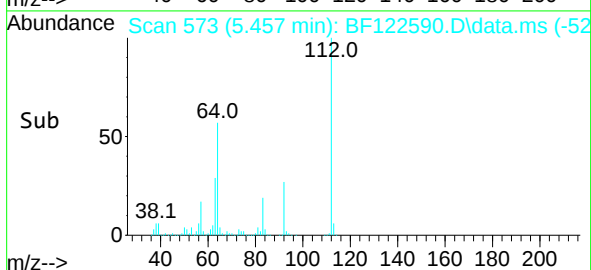
Tgt Ion:152 Resp: 156769
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.6
115 57.1 49.3 73.9



#5
2-Fluorophenol
Concen: 95.34 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion:112 Resp: 944054
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.1 24.5 36.7



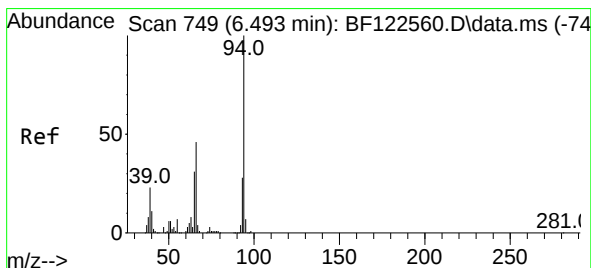
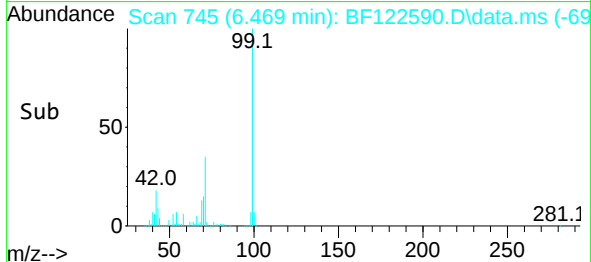
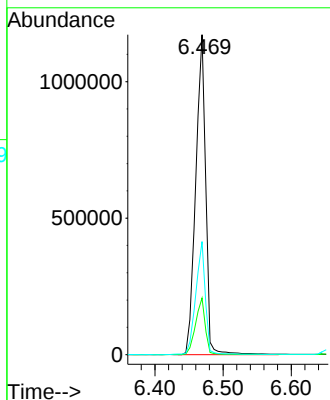
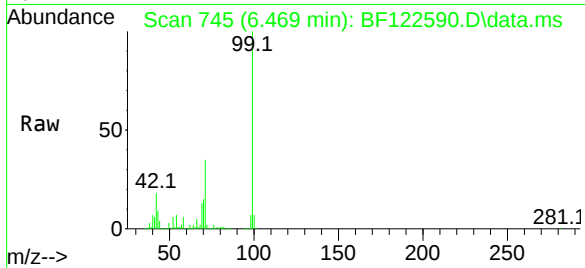


#7
Phenol-d6
Concen: 90.96 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

Tgt Ion: 99 Resp: 1194519

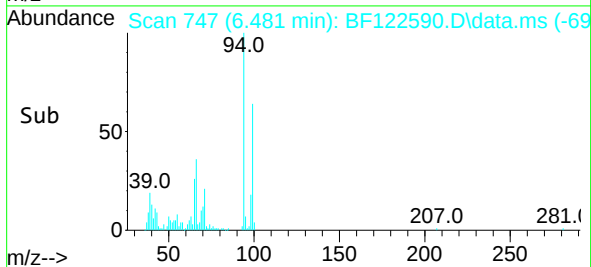
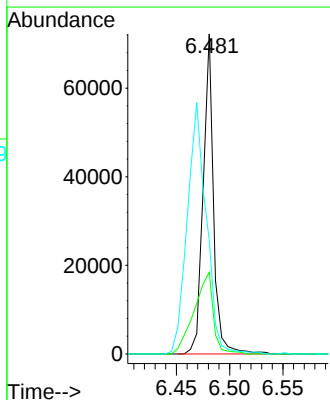
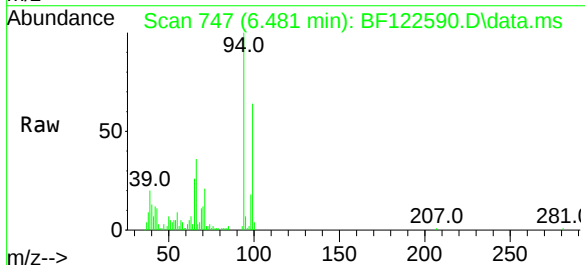
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	35.4	26.9	40.3

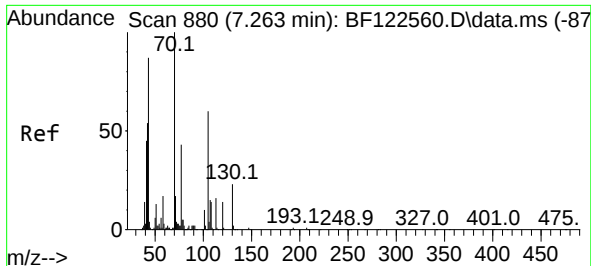


#10
Phenol
Concen: 3.63 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion: 94 Resp: 49408

Ion	Ratio	Lower	Upper
94	100		
65	25.5	11.2	51.2
66	35.7	25.8	65.8

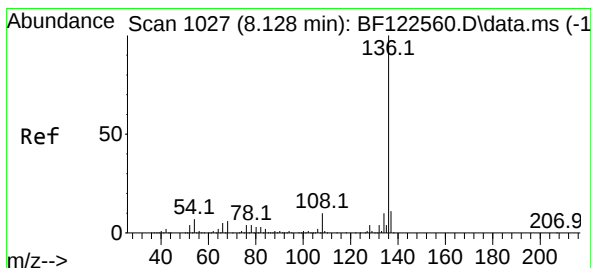
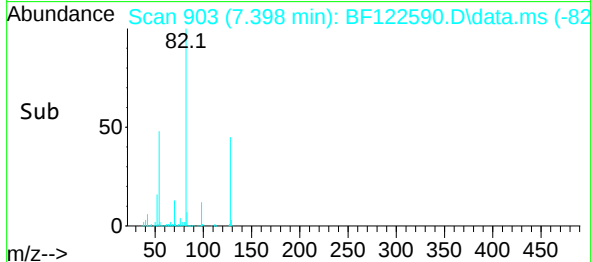
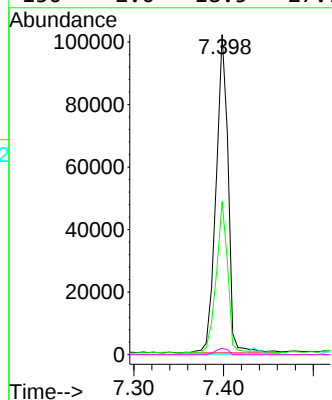
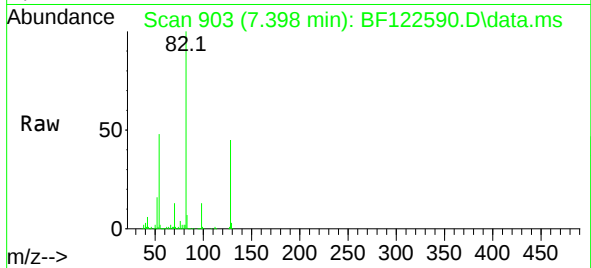




#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

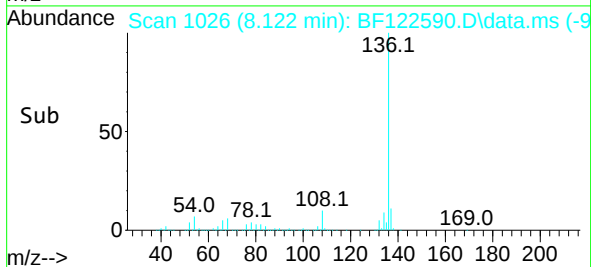
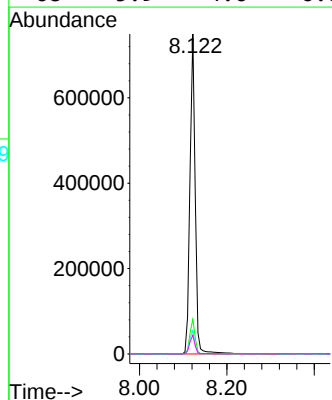
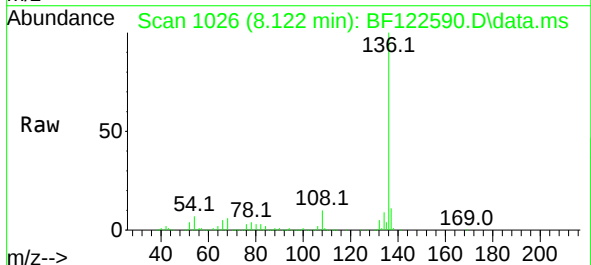
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

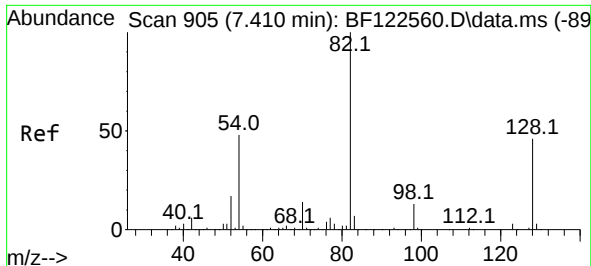
Tgt Ion: 70	Resp: 95593
Ion Ratio	Lower Upper
70 100	
42 47.9	43.0 64.4
101 0.0	7.9 11.9#
130 2.0	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion: 136	Resp: 625208
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 7.3	5.5 8.3
68 5.9	4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.61 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion: 82 Resp: 718922

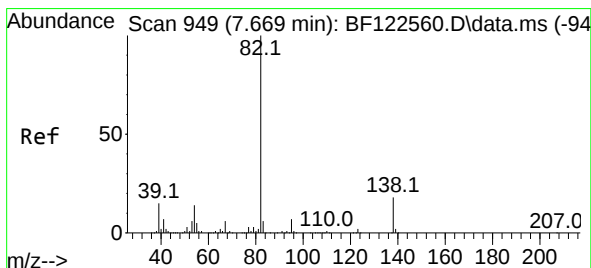
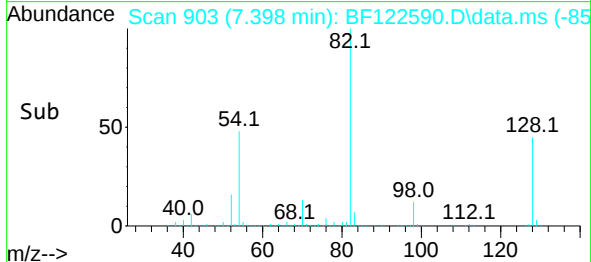
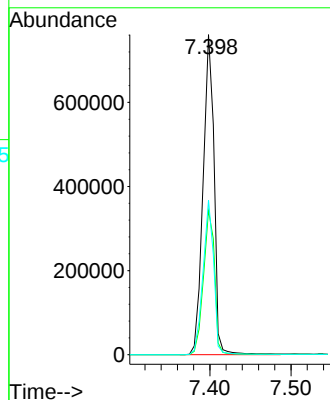
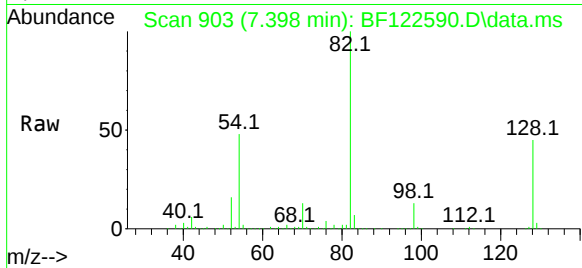
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	48.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

4S1-A-D-COMP



#25

Isophorone

Concen: 33.10 ng

RT: 7.398 min Scan# 903

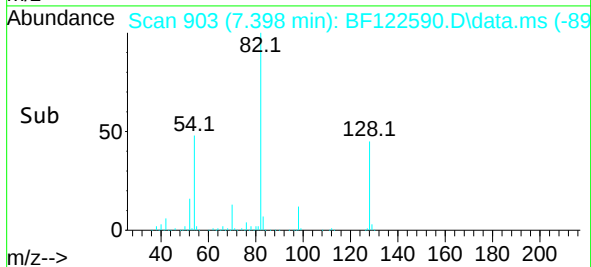
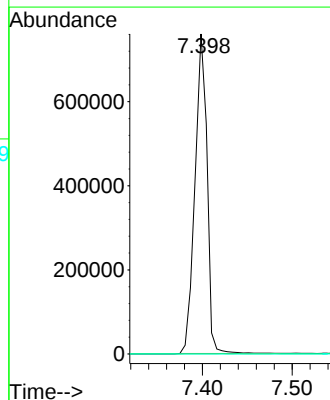
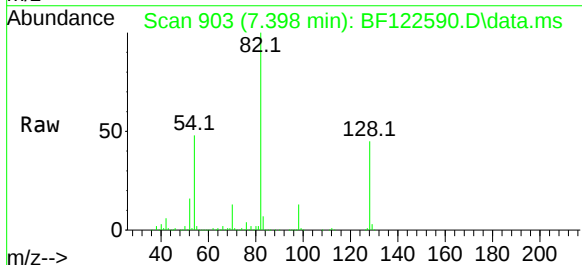
Delta R.T. -0.271 min

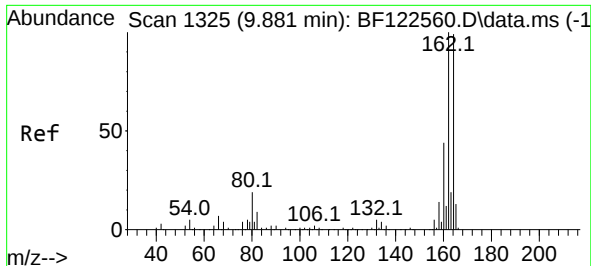
Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion: 82 Resp: 711352

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

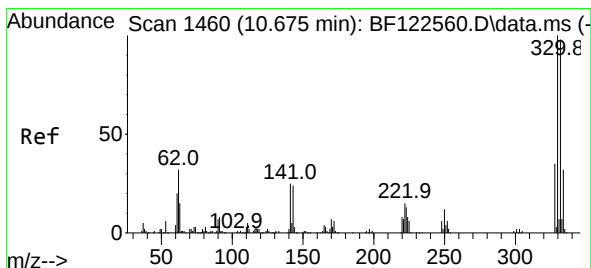
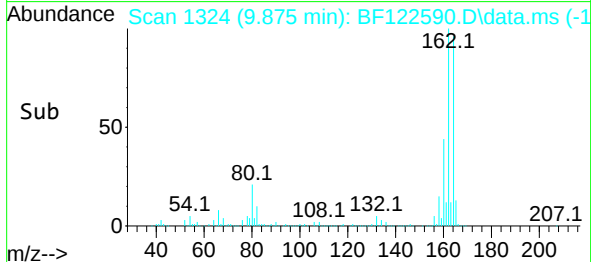
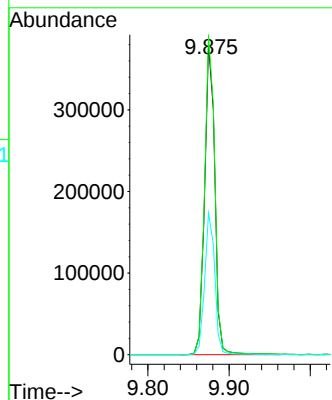
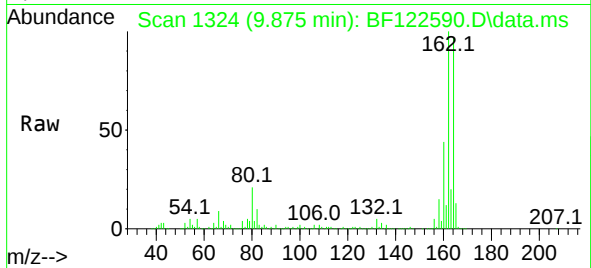




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

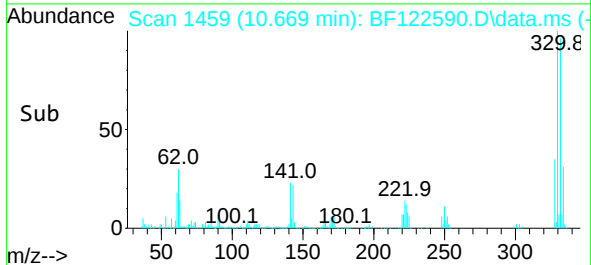
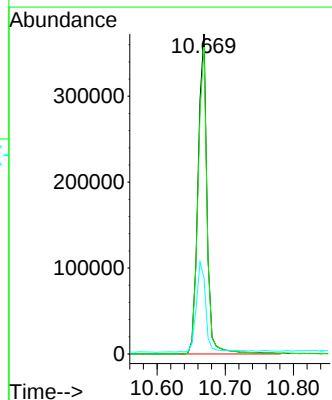
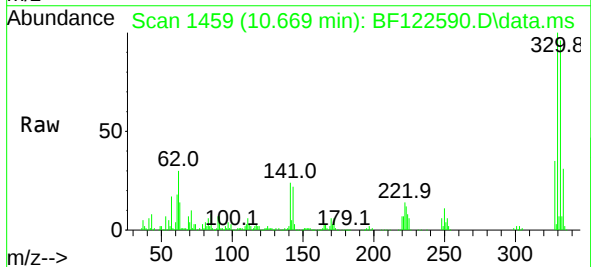
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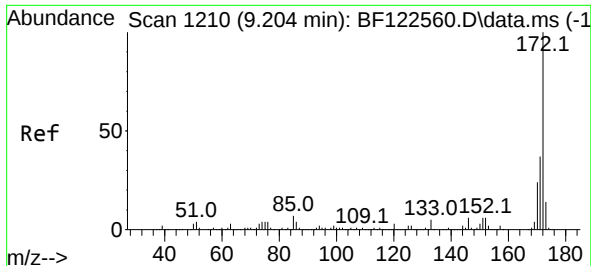
Tgt Ion:164 Resp: 332297
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.36 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion:330 Resp: 340817
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.9 23.8 35.8

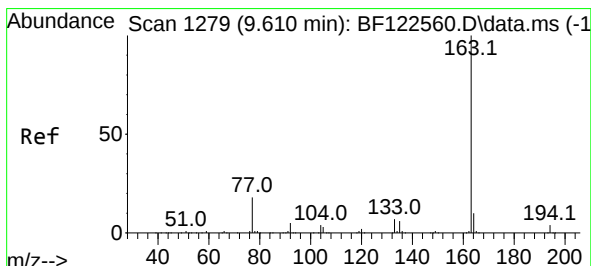
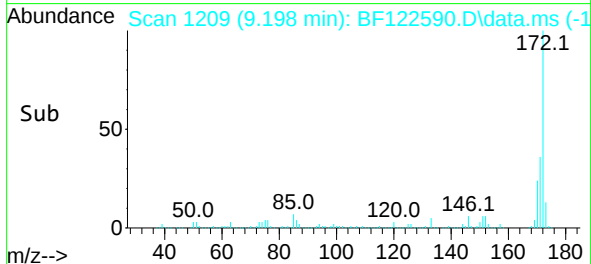
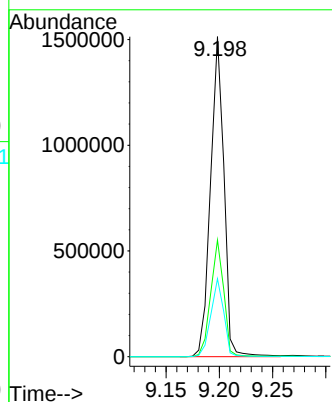
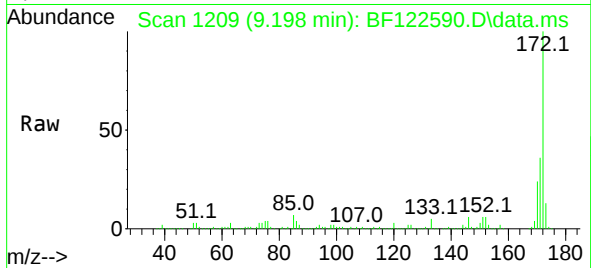




#45
2-Fluorobiphenyl
Concen: 54.17 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

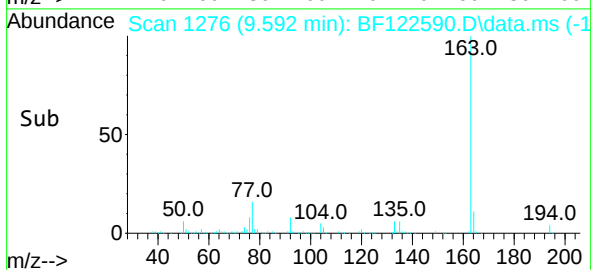
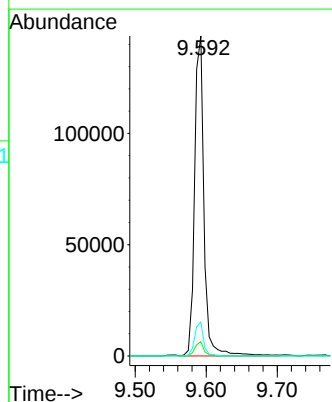
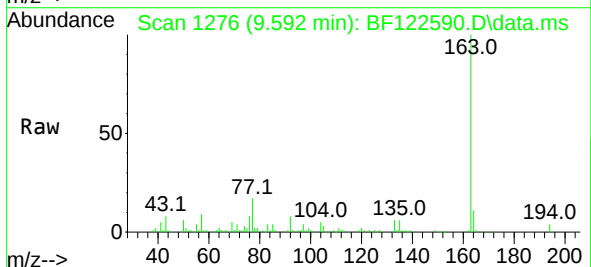
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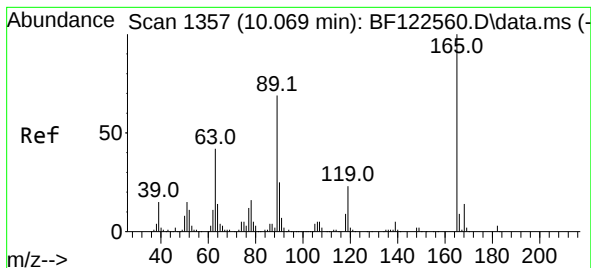
Tgt Ion:172 Resp: 1330754
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 4.99 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

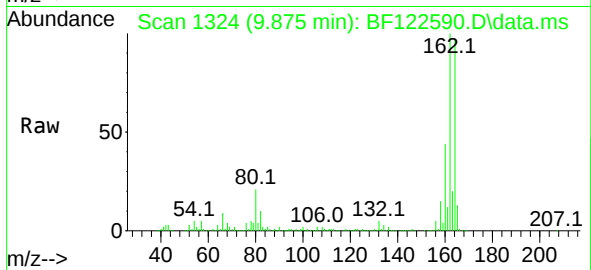
Tgt Ion:163 Resp: 132502
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.6 8.1 12.1



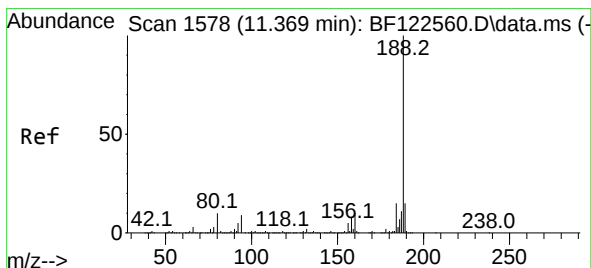
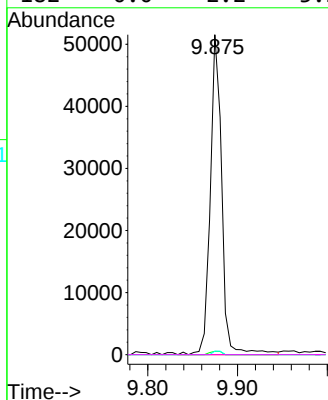
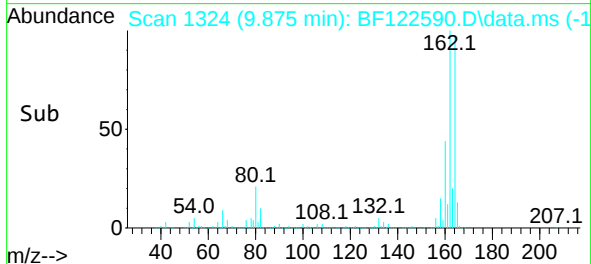


#57
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

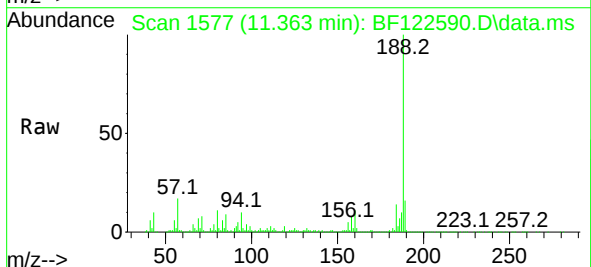
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP



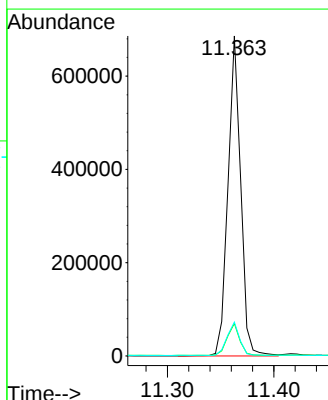
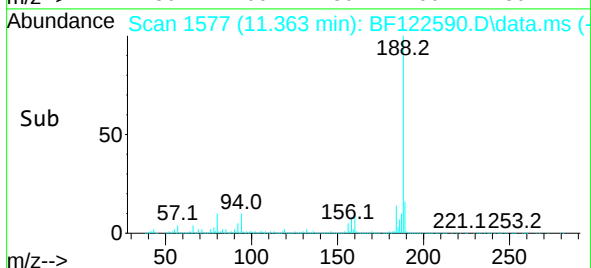
Tgt Ion:165 Resp: 45723
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

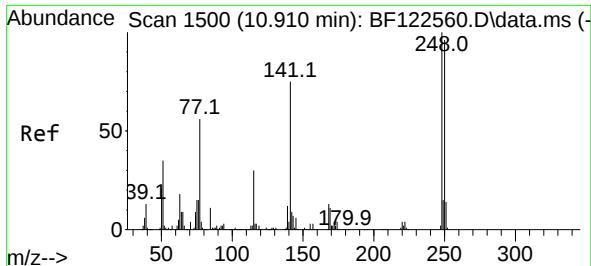


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10



Tgt Ion:188 Resp: 569076
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.6 8.2 12.4

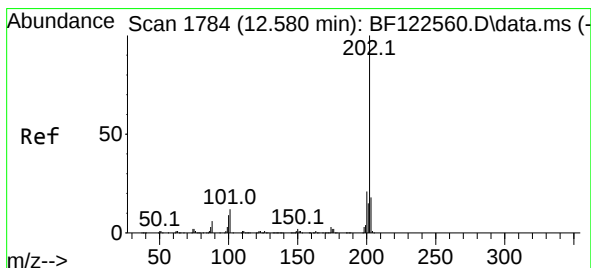
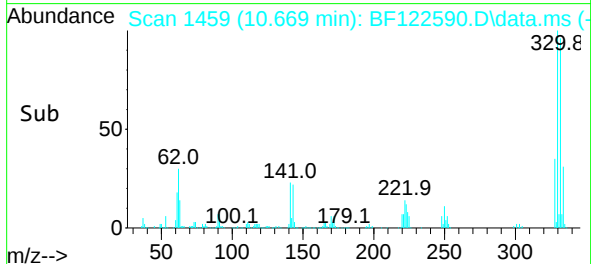
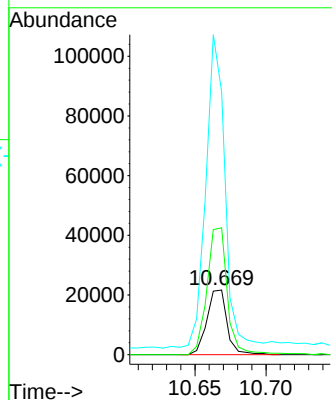
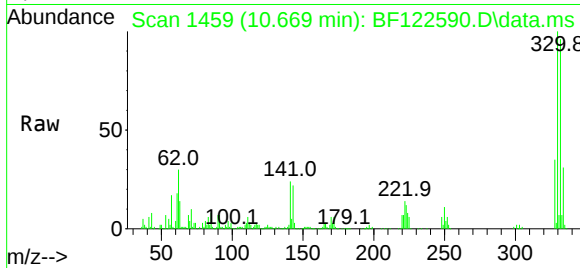




#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

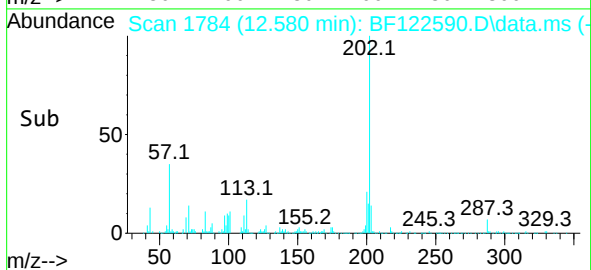
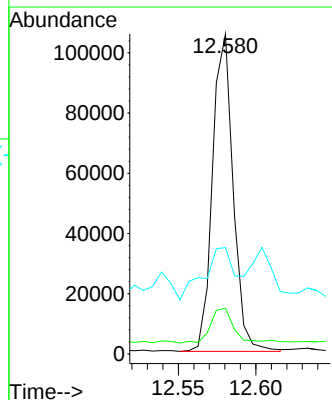
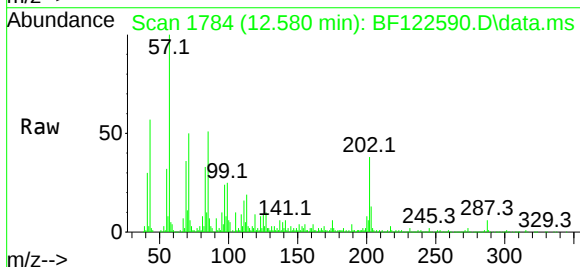
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

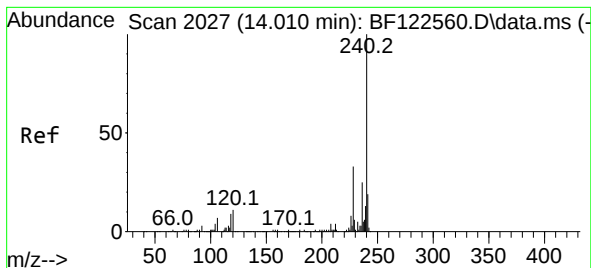
Tgt Ion:248 Resp: 21458
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 406.6 59.8 89.8#



#75
Fluoranthene
Concen: 2.75 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion:202 Resp: 97514
Ion Ratio Lower Upper
202 100
101 14.3 0.0 32.2
203 33.3 0.0 38.1

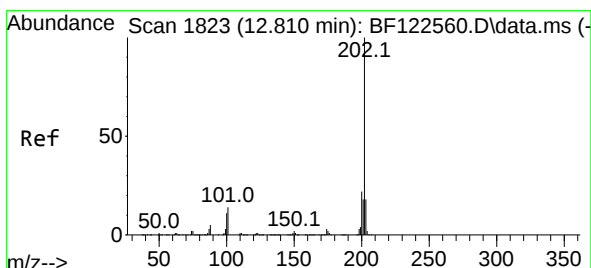
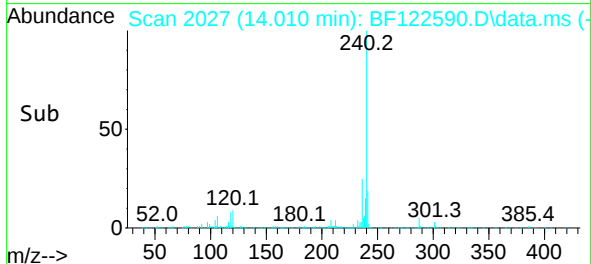
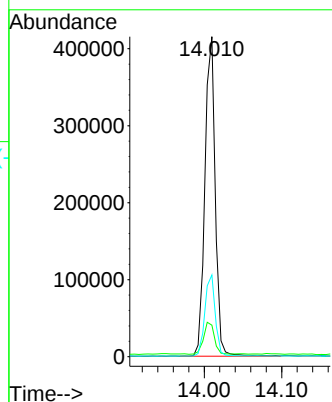
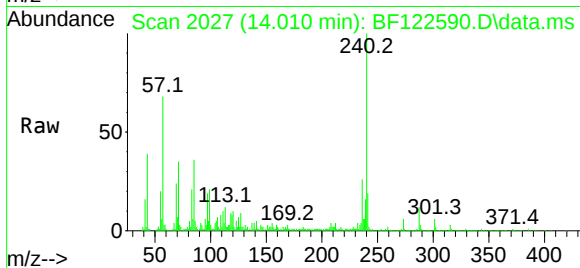




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

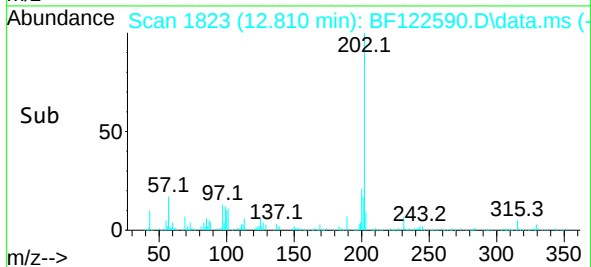
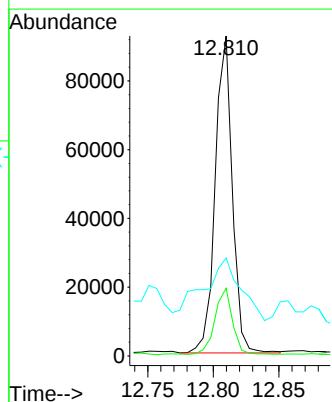
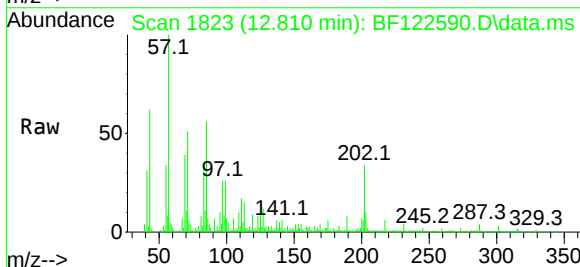
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

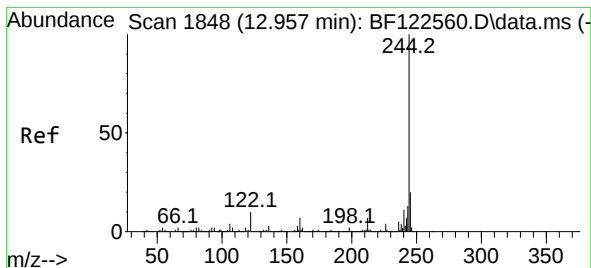
Tgt Ion:240 Resp: 384592
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.6 20.3 30.5



#78
Pyrene
Concen: 2.81 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF122590.D
Acq: 8 Dec 2020 16:10

Tgt Ion:202 Resp: 83527
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 30.6 14.6 21.8#





#79

Terphenyl-d14

Concen: 53.71 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Instrument :

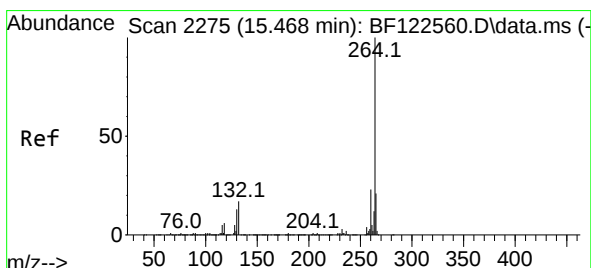
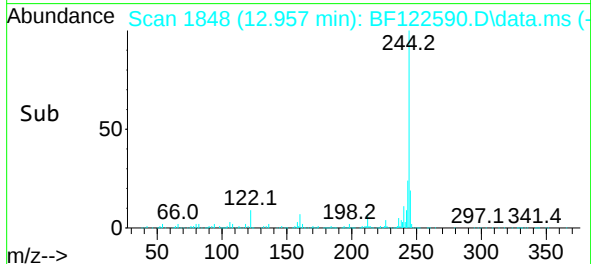
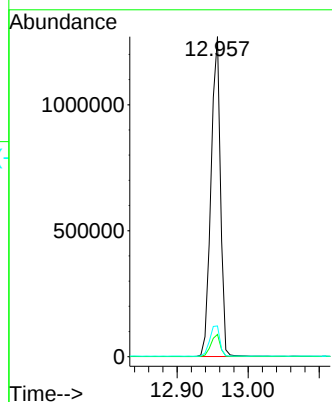
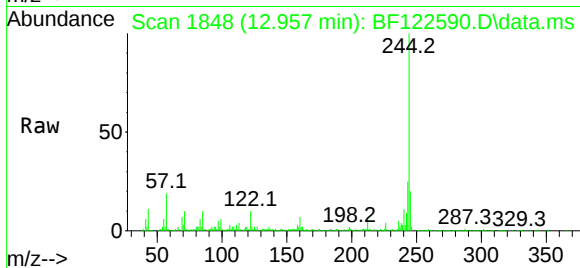
BNA_F

ClientSampleId :

4S1-A-D-COMP

Tgt Ion:244 Resp: 1180050

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.6	8.3	12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.468 min Scan# 2275

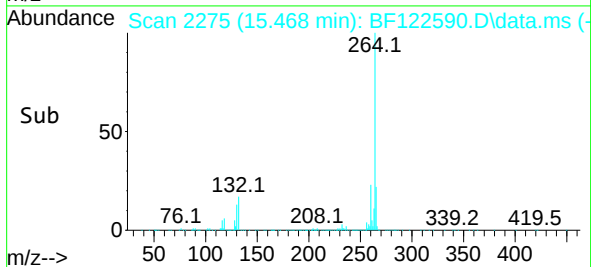
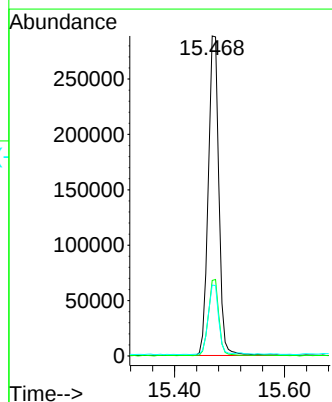
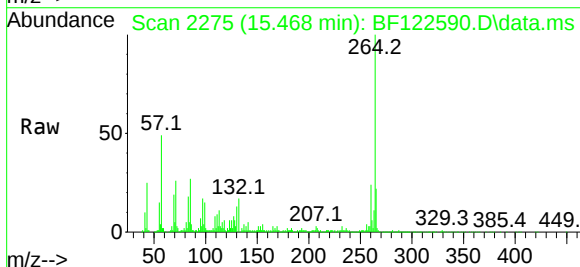
Delta R.T. 0.000 min

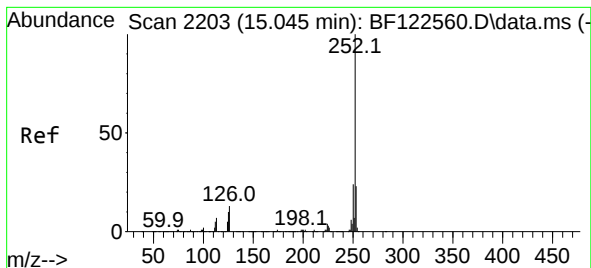
Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion:264 Resp: 384752

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.2	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 3.09 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion:252 Resp: 83484

Ion Ratio Lower Upper

252 100

253 26.7 18.3 27.5

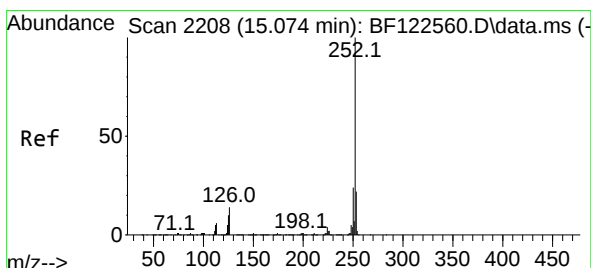
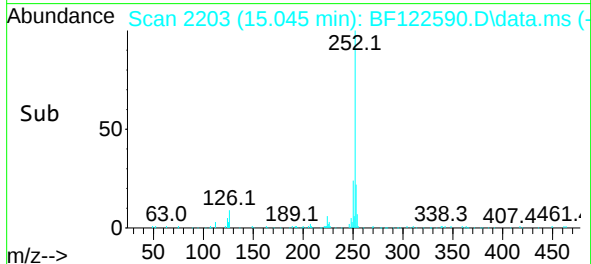
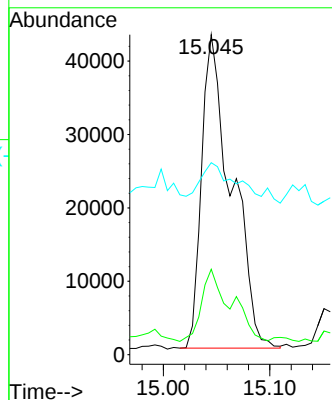
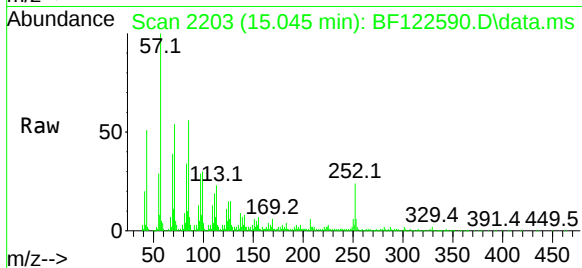
125 60.0 8.1 12.1#

Instrument :

BNA_F

ClientSampleId :

4S1-A-D-COMP



#89

Benzo(k)fluoranthene

Concen: 3.38 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.029 min

Lab File: BF122590.D

Acq: 8 Dec 2020 16:10

Tgt Ion:252 Resp: 83484

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.8

125 60.0 8.4 12.6#

