

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122260.D
 Acq On : 4 Nov 2020 13:31
 Operator : JU/CG
 Sample : L4606-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Nov 04 14:23:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

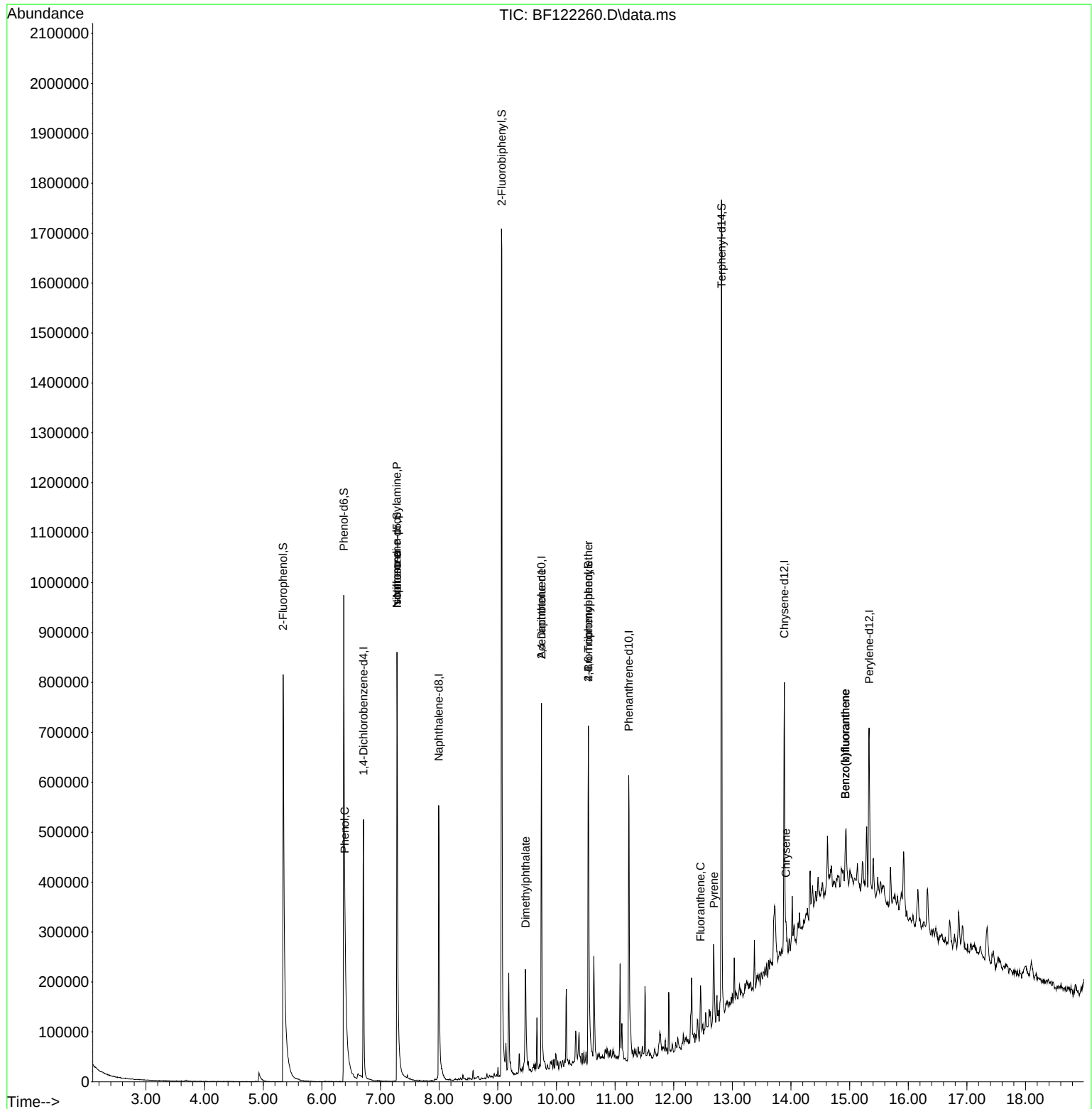
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81479	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	321583	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	151845	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	248218	20.00	ng	0.00
76) Chrysene-d12	13.886	240	193884	20.00	ng	0.00
86) Perylene-d12	15.333	264	175119	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	429520	77.80	ng	0.00
7) Phenol-d6	6.375	99	559891	78.79	ng	0.00
23) Nitrobenzene-d5	7.280	82	374047	59.65	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	113071	60.20	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	644066	62.41	ng	0.00
79) Terphenyl-d14	12.815	244	497481	48.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	1036	Below Cal	#	3
10) Phenol	6.392	94	27046	3.69 ng	#	69
19) n-Nitroso-di-n-propyla...	7.280	70	50702	12.53 ng	#	79
25) Isophorone	7.280	82	374047	31.55 ng	#	67
50) Dimethylphthalate	9.474	163	116106	10.46 ng		99
57) 2,4-Dinitrotoluene	9.745	165	20607	6.87 ng	#	19
67) 4-Bromophenyl-phenylether	10.545	248	6633	2.31 ng	#	1
75) Fluoranthene	12.457	202	36375	2.49 ng		98
78) Pyrene	12.686	202	39719	2.69 ng		98
83) Chrysene	13.915	228	26196	2.10 ng	#	89
88) Benzo(b)fluoranthene	14.927	252	36650	3.10 ng	#	81
89) Benzo(k)fluoranthene	14.927	252	36058	3.21 ng	#	80

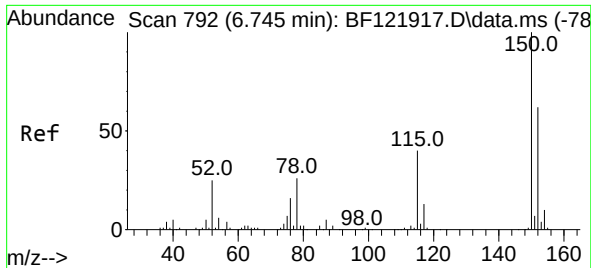
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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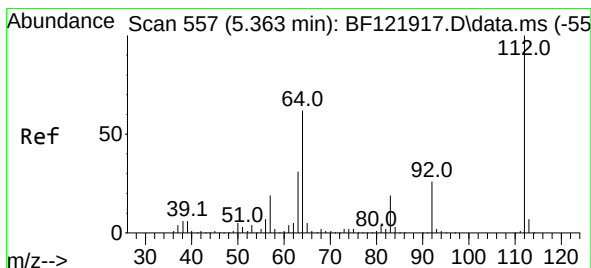
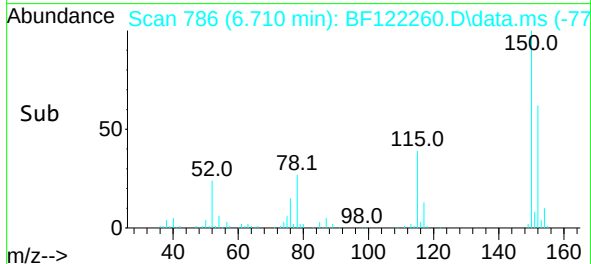
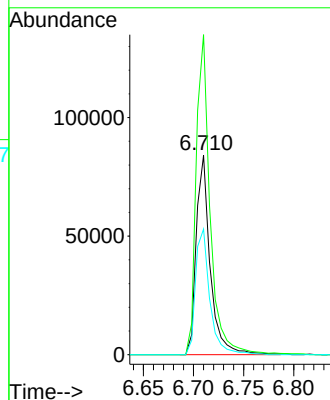
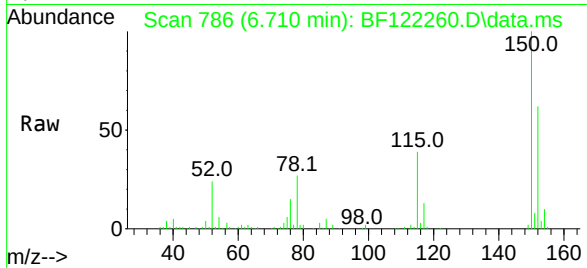




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

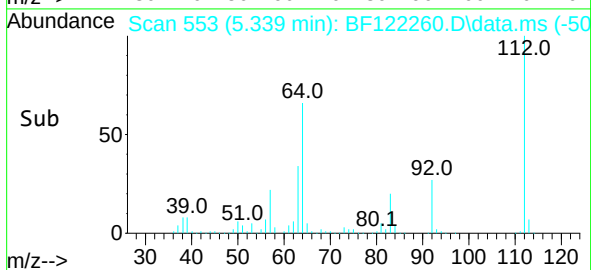
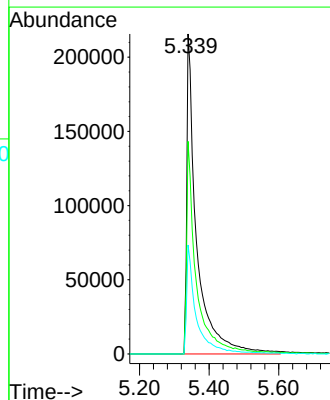
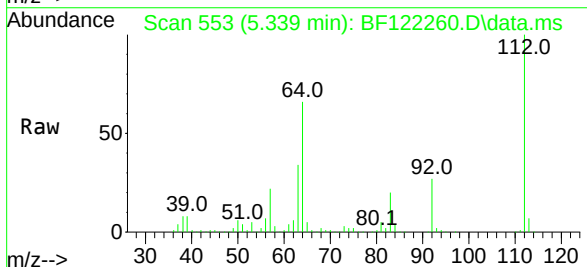
Instrument :
BNA_F
ClientSampleId :
S-1

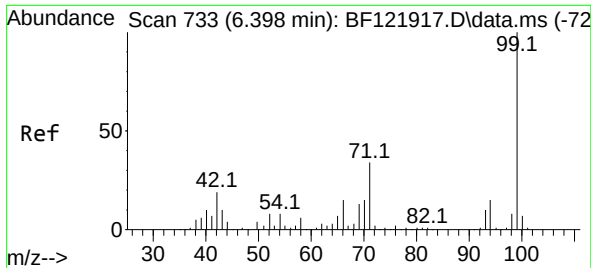
Tgt Ion:152 Resp: 81479
Ion Ratio Lower Upper
152 100
150 160.5 125.3 187.9
115 63.0 51.9 77.9



#5
2-Fluorophenol
Concen: 77.80 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Tgt Ion:112 Resp: 429520
Ion Ratio Lower Upper
112 100
64 66.5 50.4 75.6
63 34.1 25.8 38.6

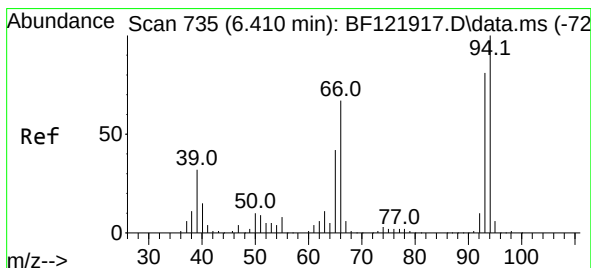
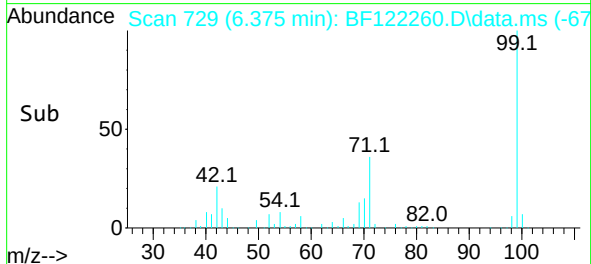
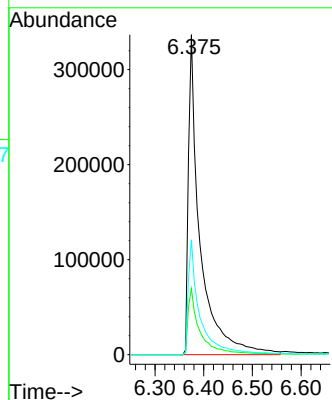
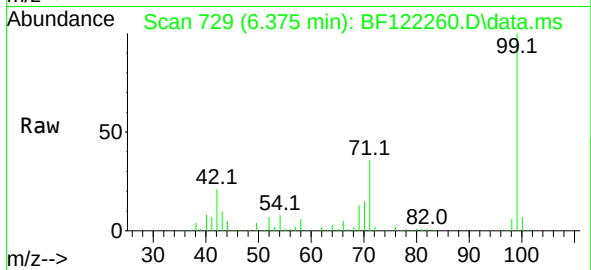




#7
Phenol-d6
Concen: 78.79 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

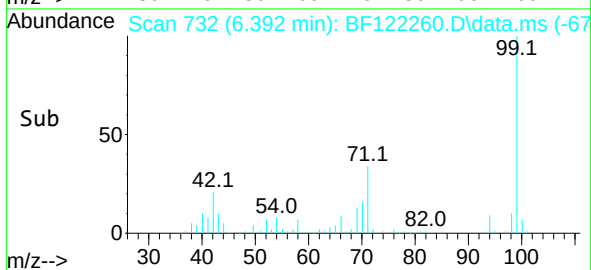
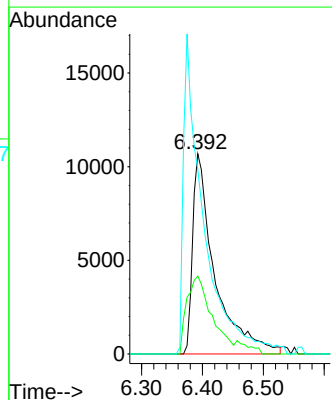
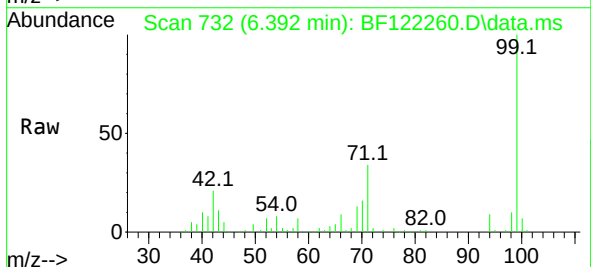
Instrument :
BNA_F
ClientSampled :
S-1

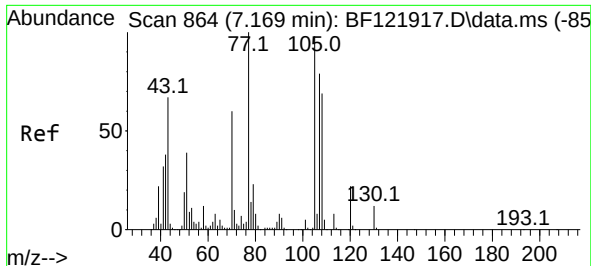
Tgt Ion: 99 Resp: 559891
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 35.9 27.1 40.7



#10
Phenol
Concen: 3.69 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.011 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

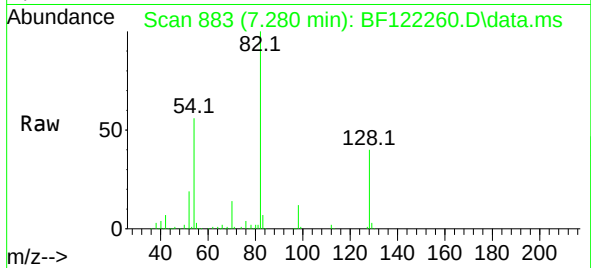
Tgt Ion: 94 Resp: 27046
Ion Ratio Lower Upper
94 100
65 38.9 17.1 57.1
66 92.3 36.0 76.0#



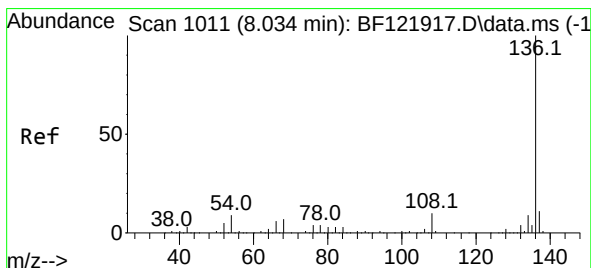
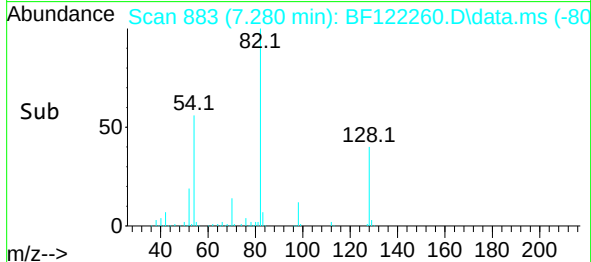
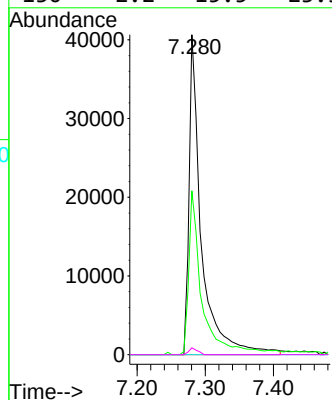


#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.280 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Instrument :
BNA_F
ClientSampled :
S-1

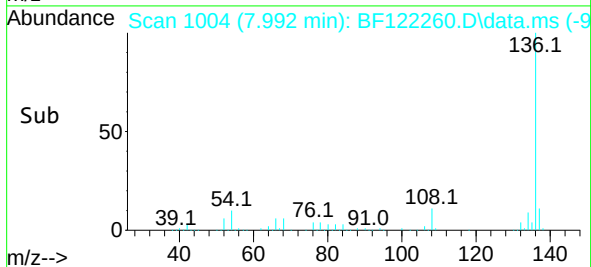
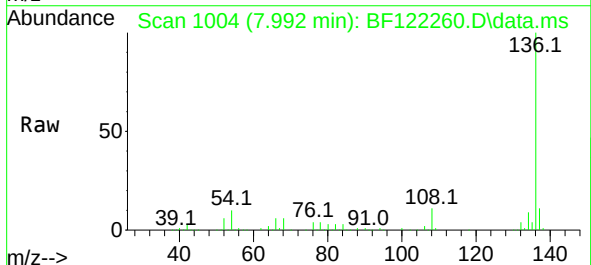
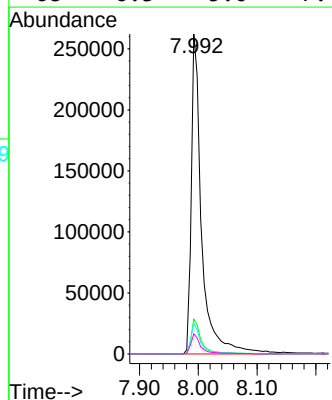


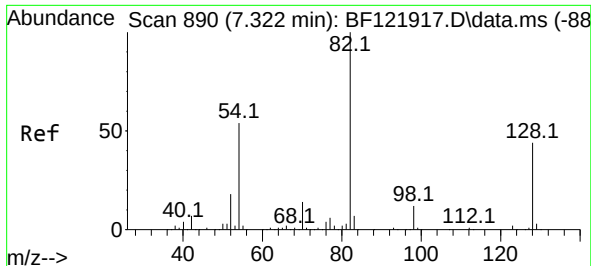
Tgt Ion: 70 Resp: 50702
Ion Ratio Lower Upper
70 100
42 51.2 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Tgt Ion: 136 Resp: 321583
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.7 7.1 10.7
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.65 ng

RT: 7.280 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122260.D

Acq: 4 Nov 2020 13:31

Tgt Ion: 82 Resp: 374047

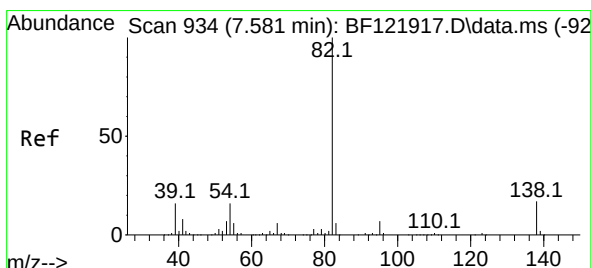
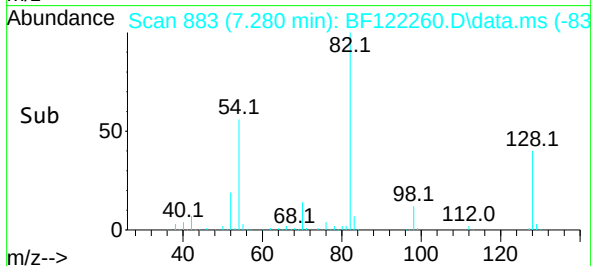
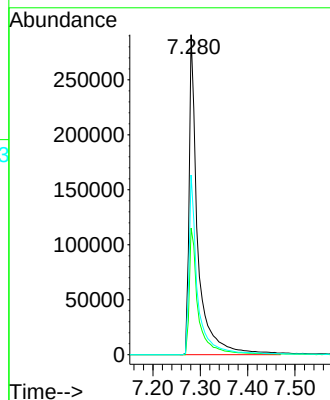
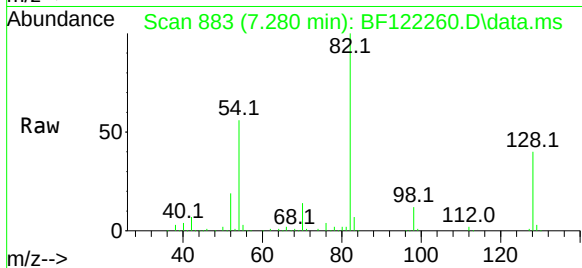
Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.0	52.4
54	56.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

S-1



#25

Isophorone

Concen: 31.55 ng

RT: 7.280 min Scan# 883

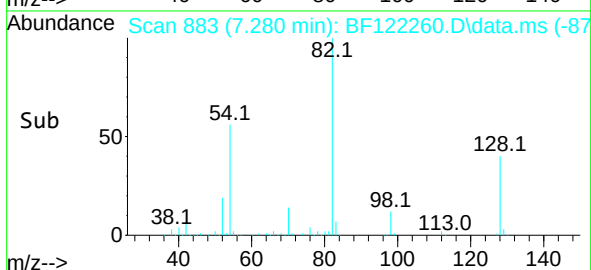
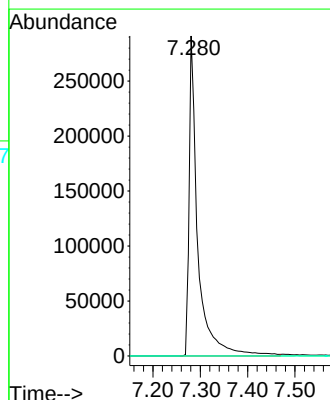
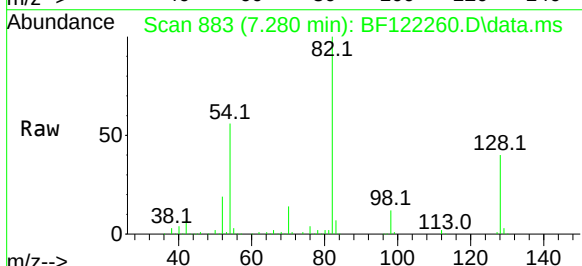
Delta R.T. -0.265 min

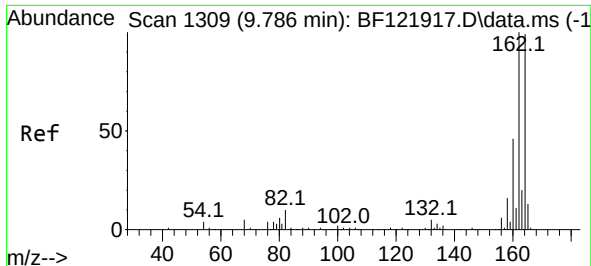
Lab File: BF122260.D

Acq: 4 Nov 2020 13:31

Tgt Ion: 82 Resp: 374047

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122260.D

Acq: 4 Nov 2020 13:31

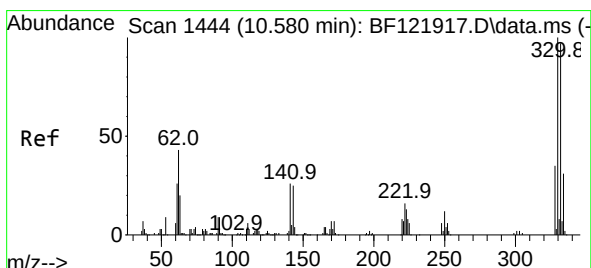
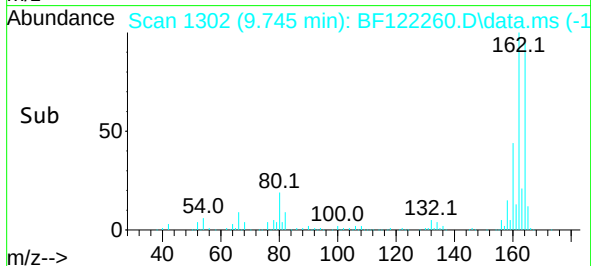
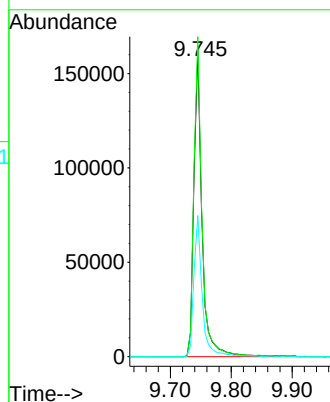
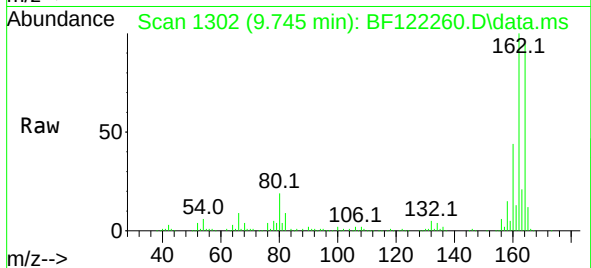
Instrument :

BNA_F

ClientSampled :

S-1

Tgt Ion:164	Resp: 151845
Ion Ratio	Lower Upper
164	100
162	104.7 83.2 124.8
160	46.2 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 60.20 ng

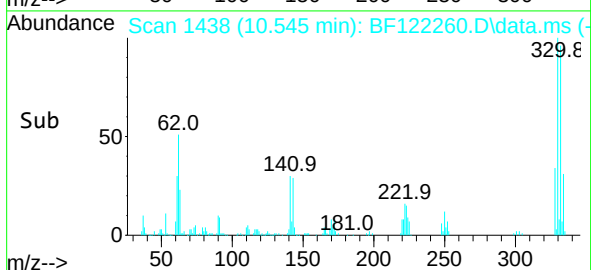
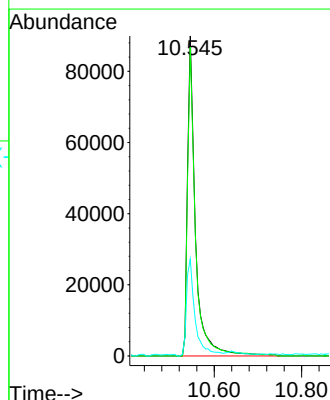
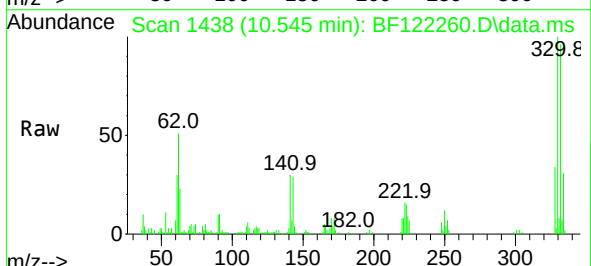
RT: 10.545 min Scan# 1438

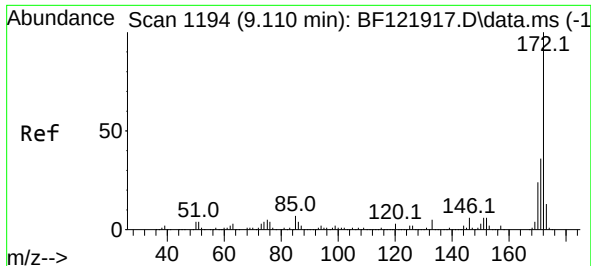
Delta R.T. -0.000 min

Lab File: BF122260.D

Acq: 4 Nov 2020 13:31

Tgt Ion:330	Resp: 113071
Ion Ratio	Lower Upper
330	100
332	96.9 77.3 115.9
141	32.7 22.3 33.5

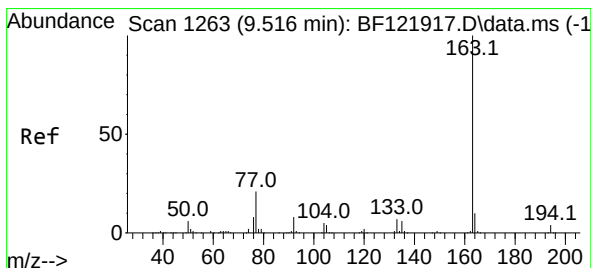
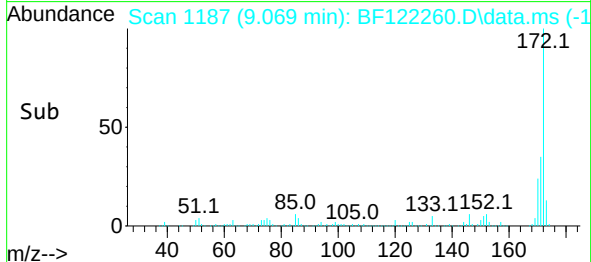
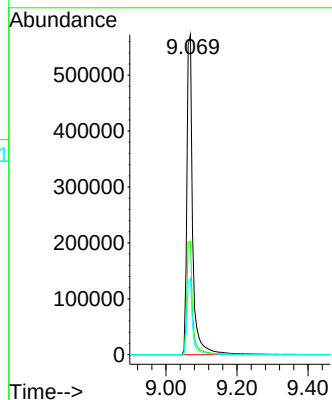
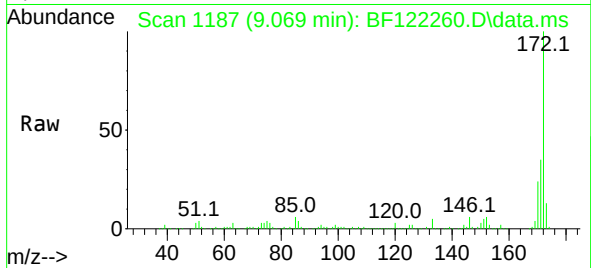




#45
2-Fluorobiphenyl
Concen: 62.41 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

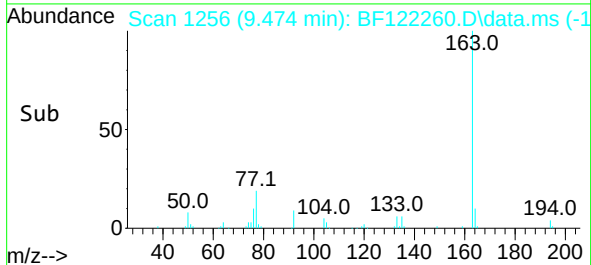
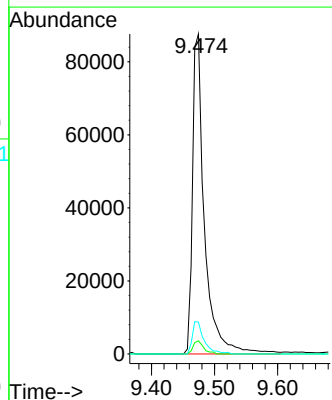
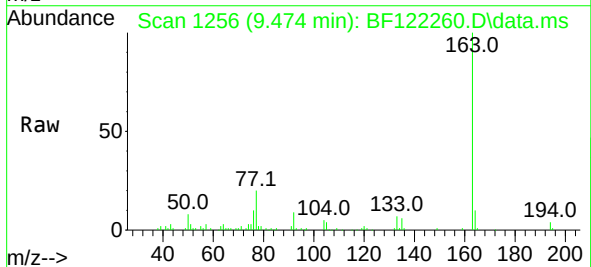
Instrument :
BNA_F
ClientSampled :
S-1

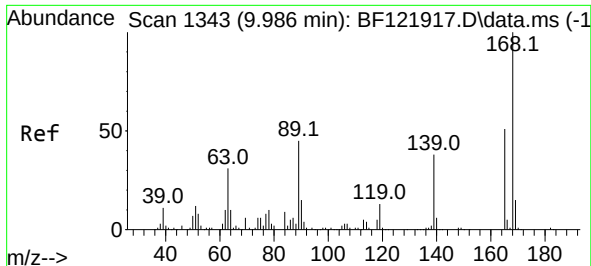
Tgt Ion:172 Resp: 644066
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.7 19.8 29.6



#50
Dimethylphthalate
Concen: 10.46 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

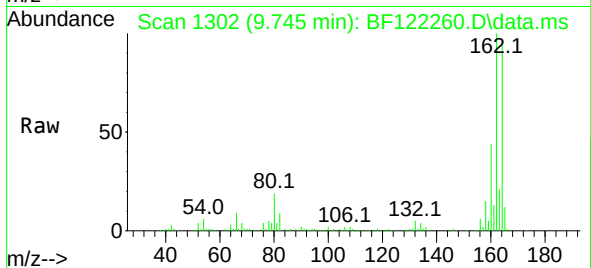
Tgt Ion:163 Resp: 116106
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.4



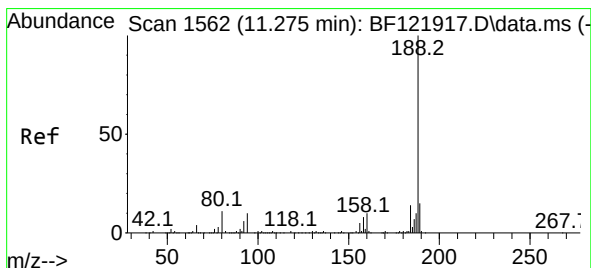
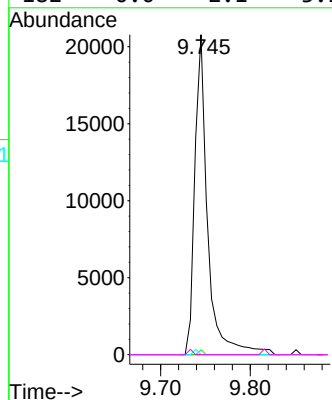
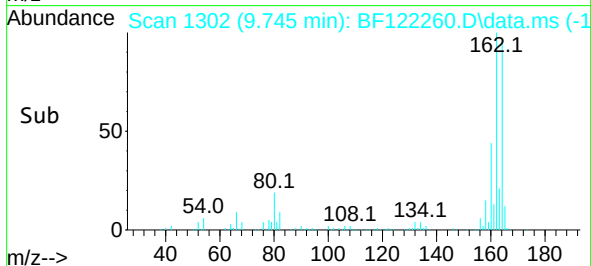


#57
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

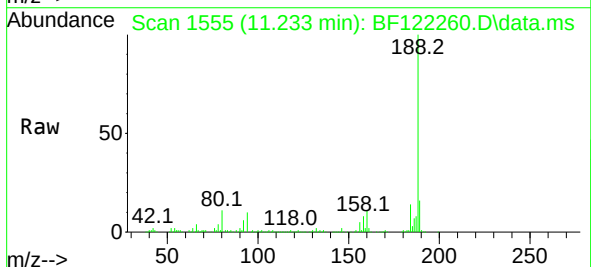
Instrument :
BNA_F
ClientSampled :
S-1



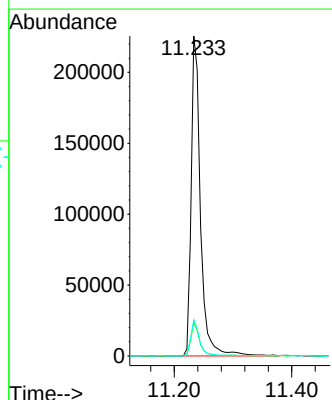
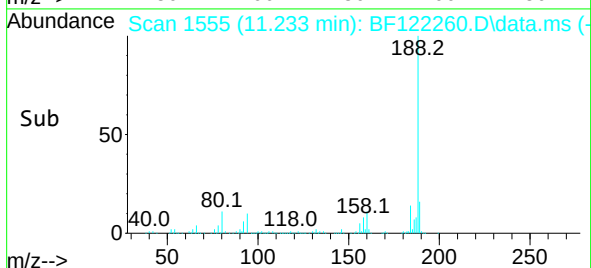
Tgt Ion:165 Resp: 20607
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#

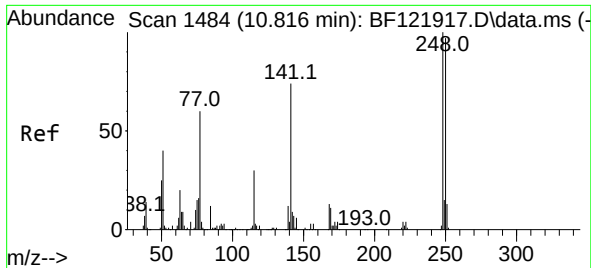


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31



Tgt Ion:188 Resp: 248218
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.1 13.7

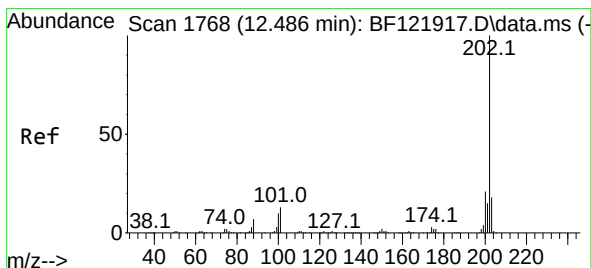
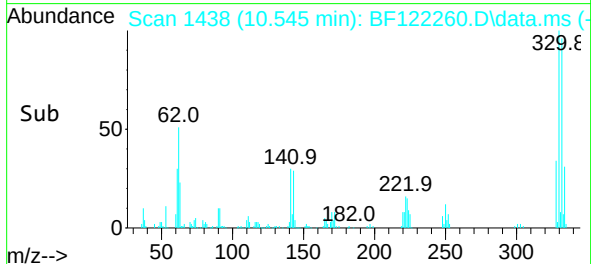
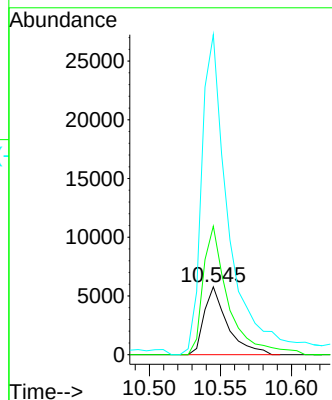
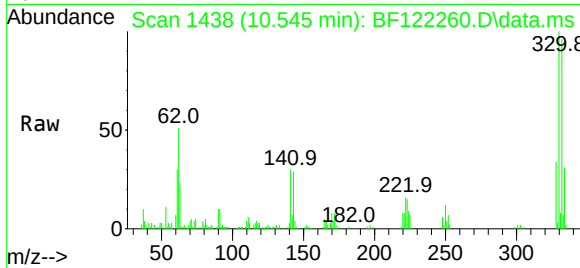




#67
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

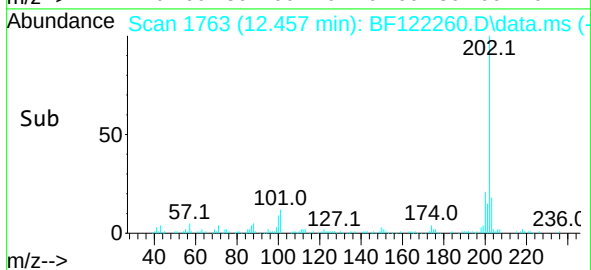
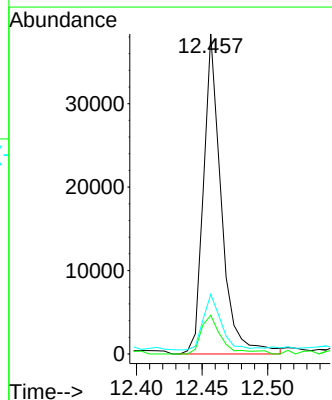
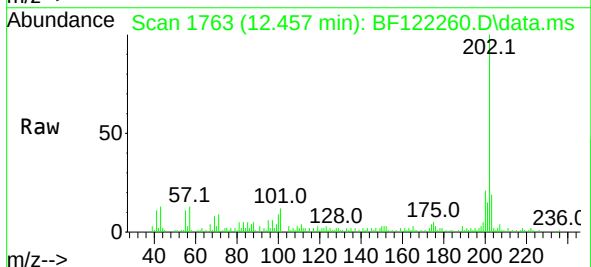
Instrument :
BNA_F
ClientSampled :
S-1

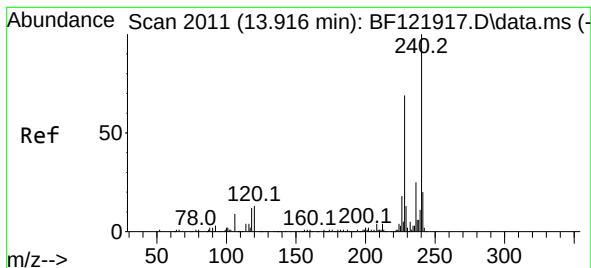
Tgt Ion:248 Resp: 6633
Ion Ratio Lower Upper
248 100
250 189.2 77.0 115.6#
141 471.5 53.7 80.5#



#75
Fluoranthene
Concen: 2.49 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Tgt Ion:202 Resp: 36375
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 18.7 0.0 37.9

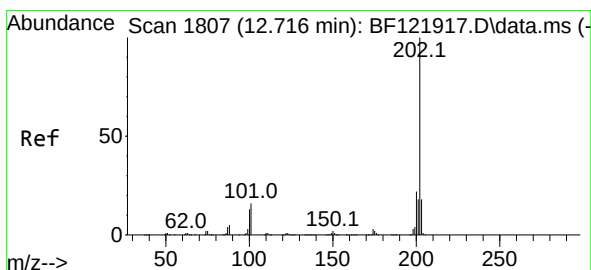
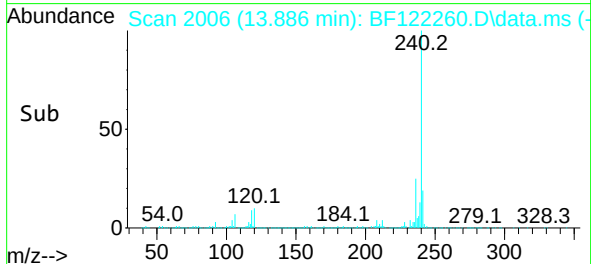
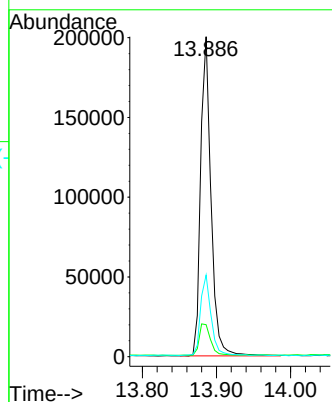
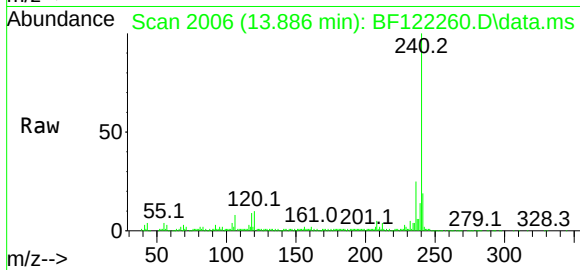




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

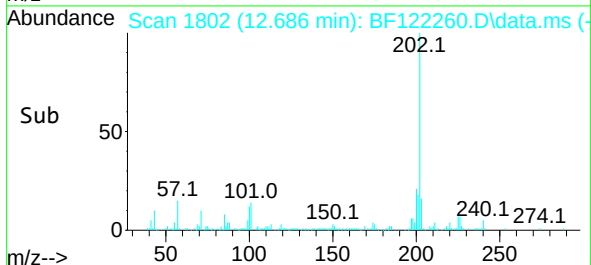
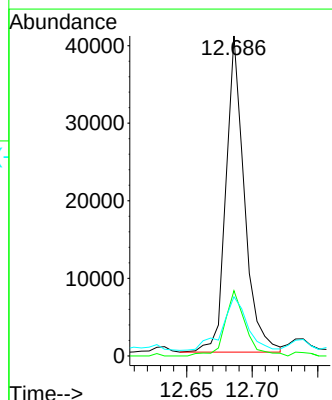
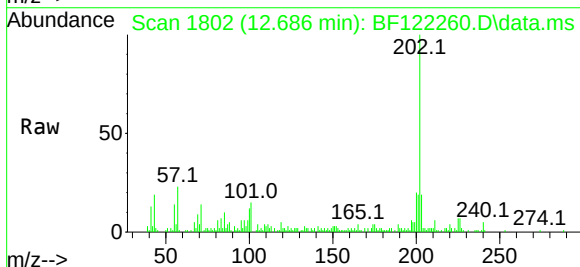
Instrument :
BNA_F
ClientSampled :
S-1

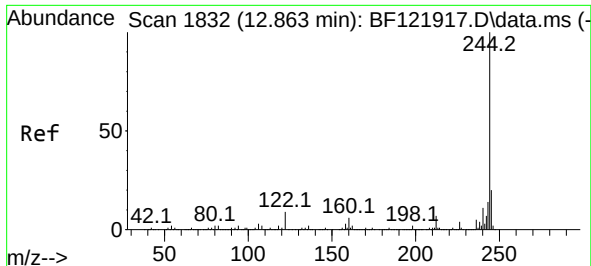
Tgt Ion:240 Resp: 193884
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 25.5 20.9 31.3



#78
Pyrene
Concen: 2.69 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

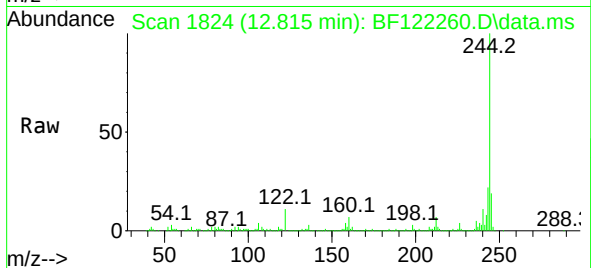
Tgt Ion:202 Resp: 39719
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 18.5 14.6 21.8



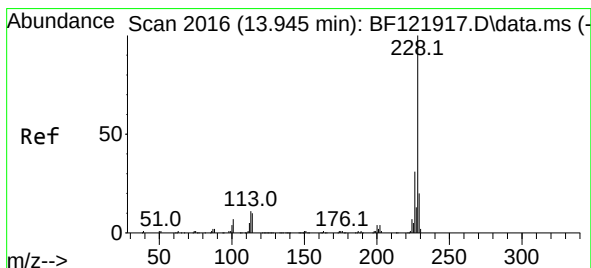
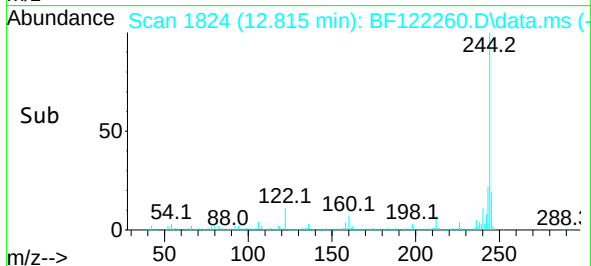
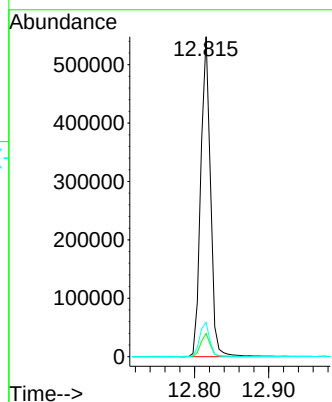


#79
Terphenyl-d14
Concen: 48.90 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Instrument :
BNA_F
ClientSampleId :
S-1

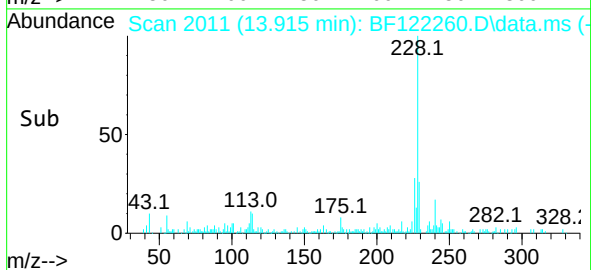
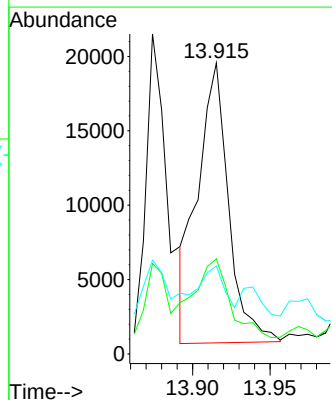
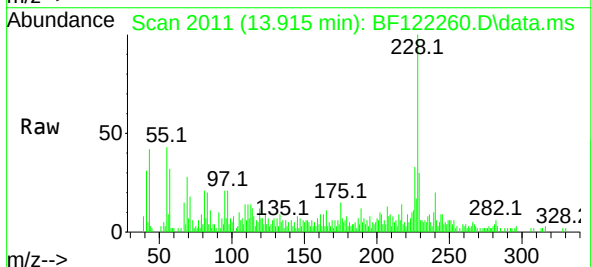


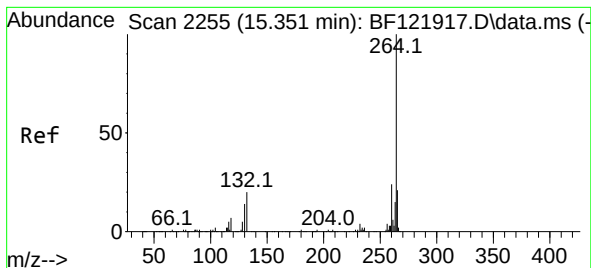
Tgt Ion:244 Resp: 497481
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.7 8.1 12.1



#83
Chrysene
Concen: 2.10 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Tgt Ion:228 Resp: 26196
Ion Ratio Lower Upper
228 100
226 32.7 24.6 37.0
229 30.2 15.9 23.9#



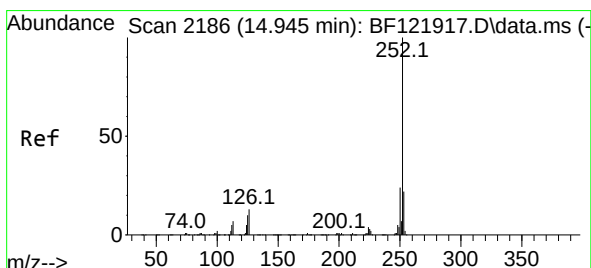
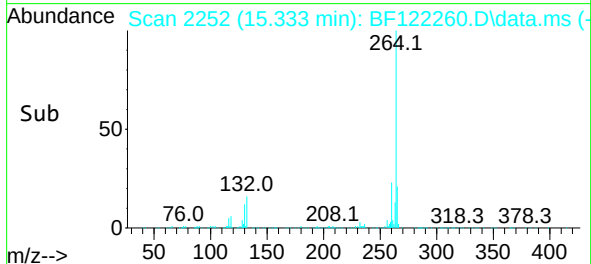
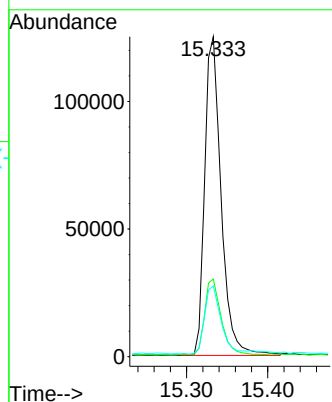
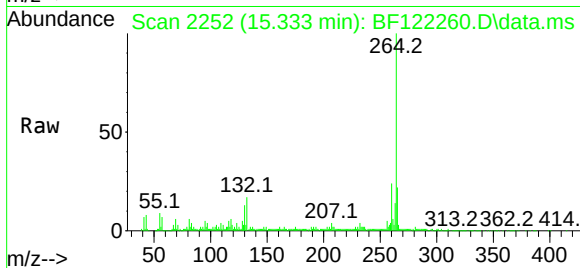


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.029 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:264 Resp: 175119

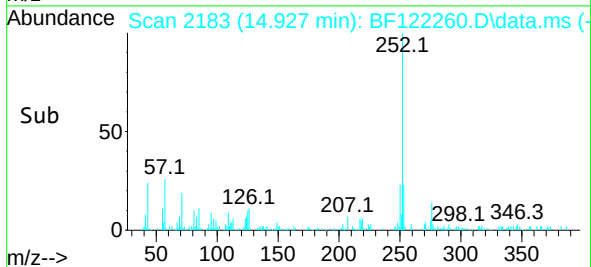
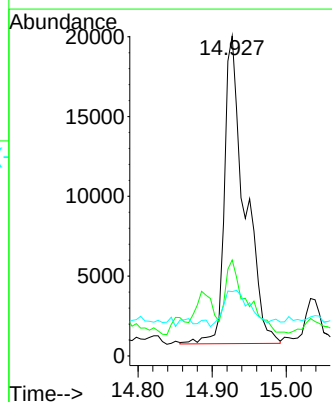
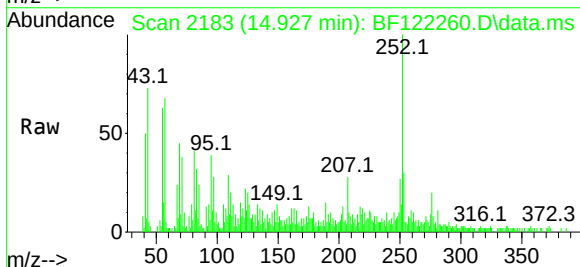
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	17.3	25.9

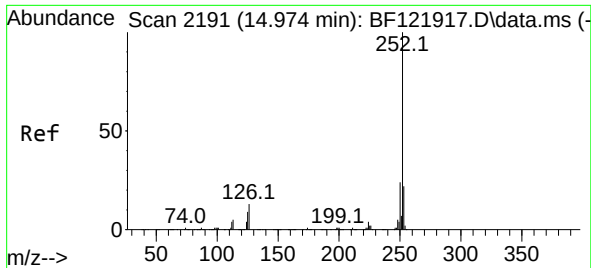


#88
Benzo(b)fluoranthene
Concen: 3.10 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.029 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Tgt Ion:252 Resp: 36650

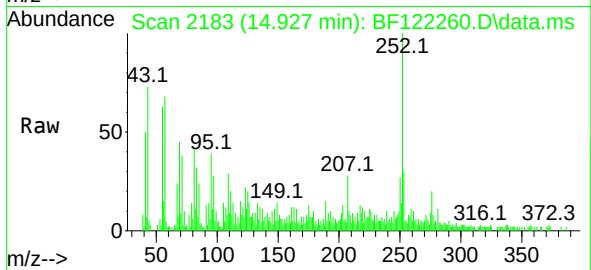
Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	20.1	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 3.21 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF122260.D
Acq: 4 Nov 2020 13:31

Instrument :
BNA_F
ClientSampleId :
S-1



Tgt Ion:252 Resp: 36058
Ion Ratio Lower Upper
252 100
253 30.0 17.8 26.6#
125 20.1 7.7 11.5#

