

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122014.D
 Acq On : 16 Oct 2020 16:45
 Operator : JU/CG
 Sample : L4229-06 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101520

Quant Time: Oct 16 17:32:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

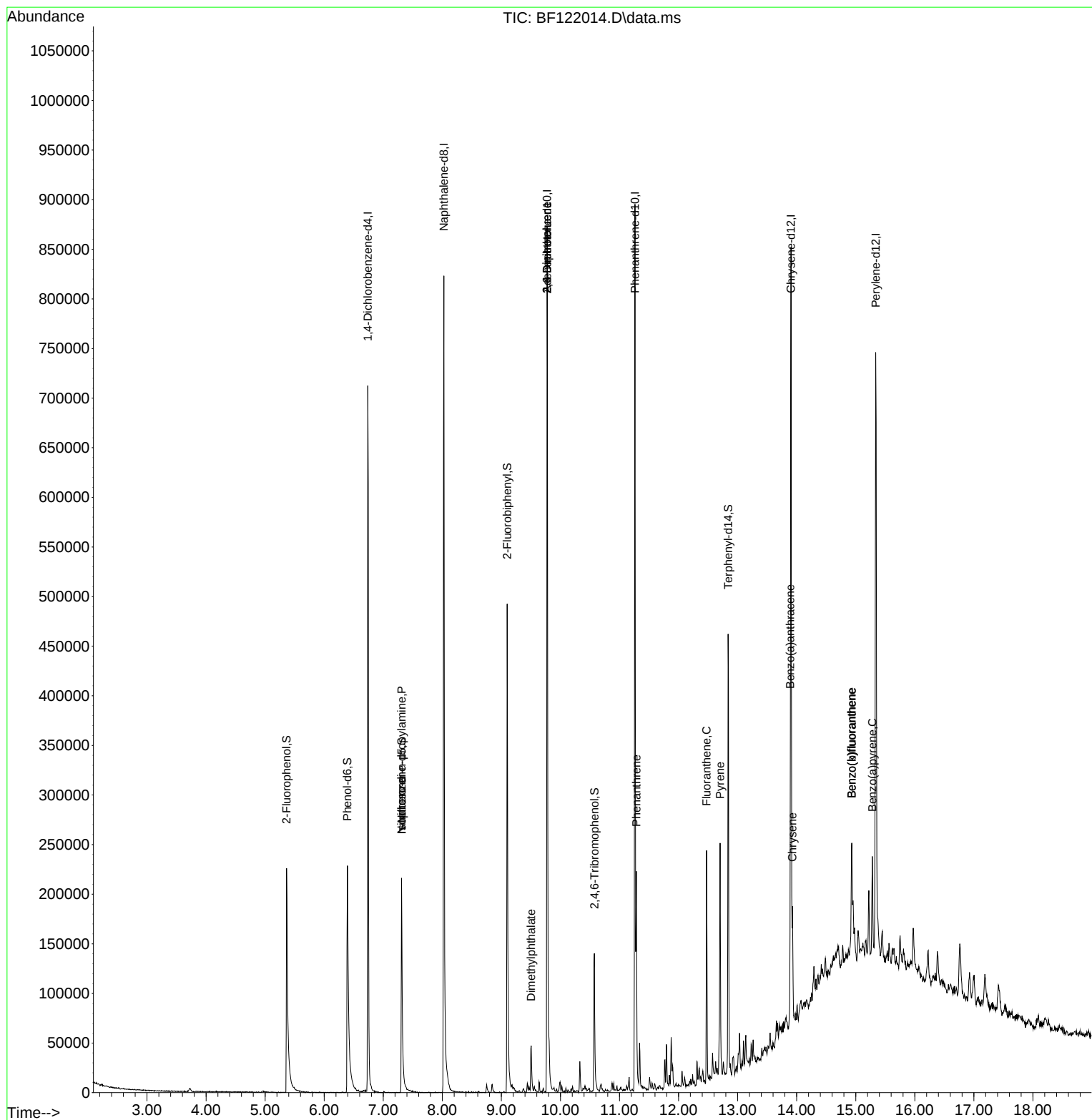
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	114158	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	433864	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	205222	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	321864	20.00	ng	0.00
76) Chrysene-d12	13.904	240	256041	20.00	ng	0.00
86) Perylene-d12	15.339	264	267142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	115029	14.87	ng	0.00
7) Phenol-d6	6.393	99	152112	15.28	ng	0.00
23) Nitrobenzene-d5	7.310	82	98547	11.65	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	23123	9.11	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	198259	14.21	ng	0.00
79) Terphenyl-d14	12.839	244	138714	10.32	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	13159	2.32	ng	# 80
25) Isophorone	7.310	82	98546	6.16	ng	# 67
50) Dimethylphthalate	9.504	163	31428	2.09	ng	99
51) 2,6-Dinitrotoluene	9.775	165	26437	8.03	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	26438	6.52	ng	# 20
71) Phenanthrene	11.286	178	76171	4.32	ng	99
75) Fluoranthene	12.474	202	88002	4.65	ng	98
78) Pyrene	12.704	202	95504	4.89	ng	98
81) Benzo(a)anthracene	13.892	228	47599	2.84	ng	97
83) Chrysene	13.927	228	43120	2.62	ng	97
88) Benzo(b)fluoranthene	14.933	252	76772	4.25	ng	# 92
89) Benzo(k)fluoranthene	14.933	252	76772	4.48	ng	# 91
90) Benzo(a)pyrene	15.280	252	44423	2.85	ng	# 95

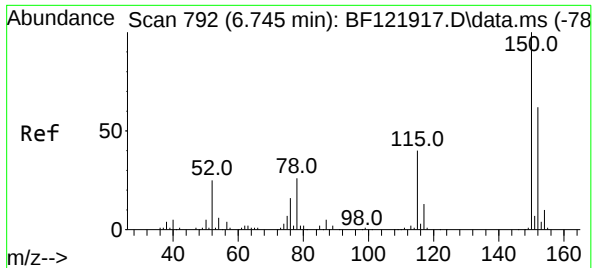
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122014.D
Acq On : 16 Oct 2020 16:45
Operator : JU/CG
Sample : L4229-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Quant Time: Oct 16 17:32:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

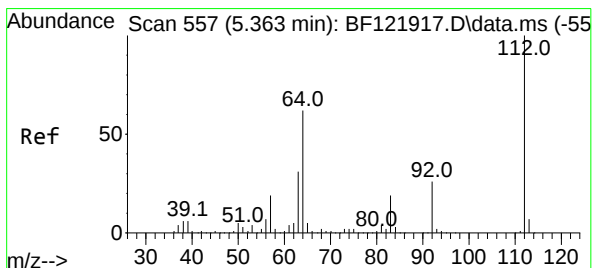
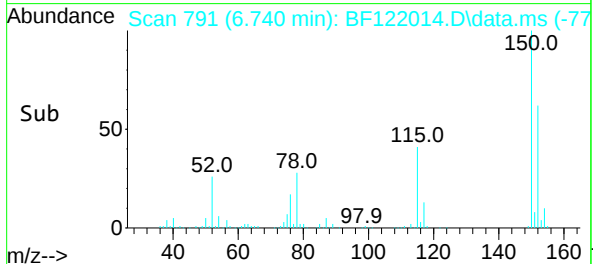
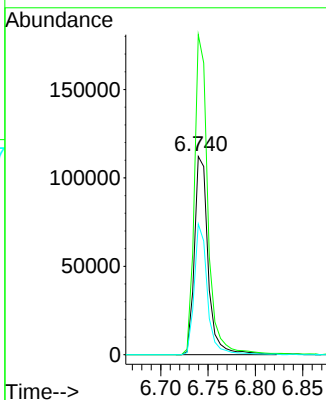
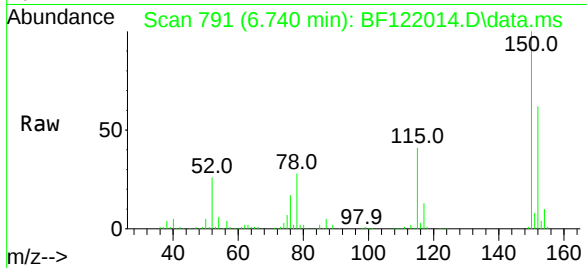




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

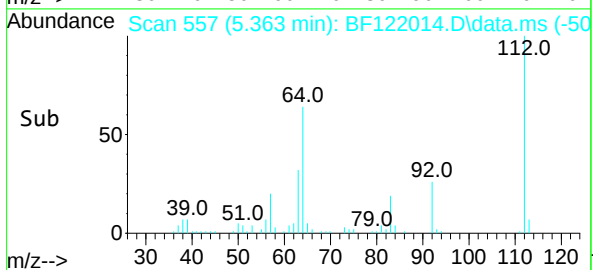
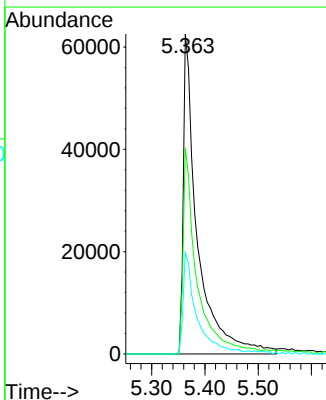
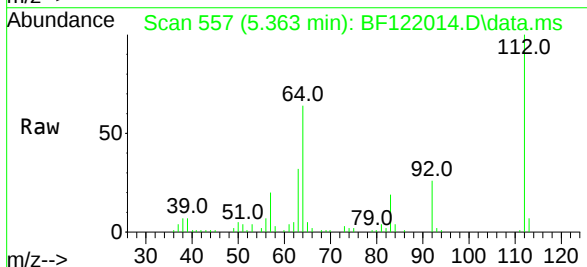
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion:152 Resp: 114158
Ion Ratio Lower Upper
152 100
150 161.4 125.3 187.9
115 65.9 51.9 77.9



#5
2-Fluorophenol
Concen: 14.87 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:112 Resp: 115029
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 31.6 25.8 38.6

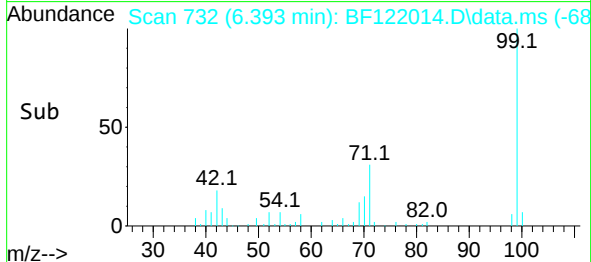
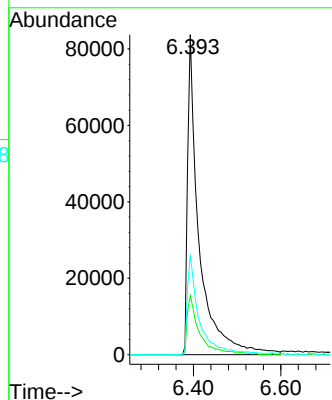
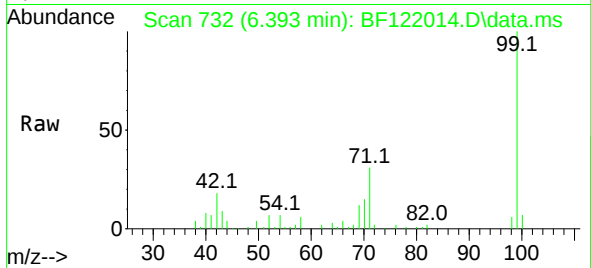




#7
Phenol-d6
Concen: 15.28 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

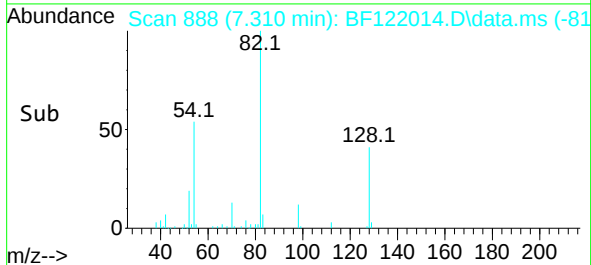
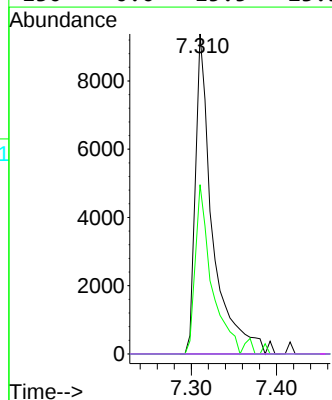
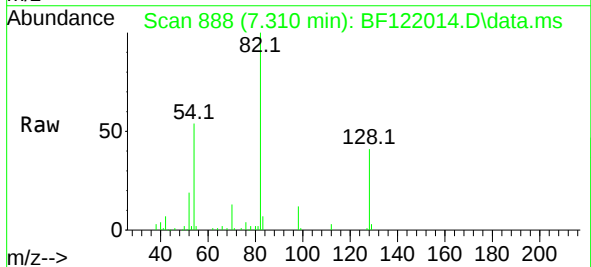
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion: 99 Resp: 152112
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 31.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.32 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 70 Resp: 13159
Ion Ratio Lower Upper
70 100
42 52.9 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#

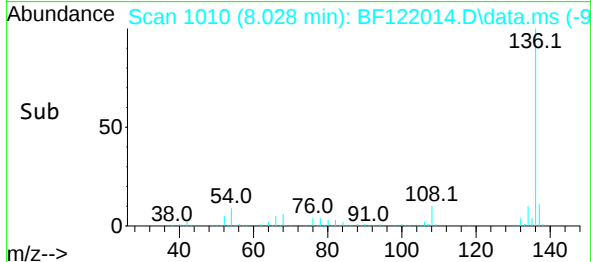
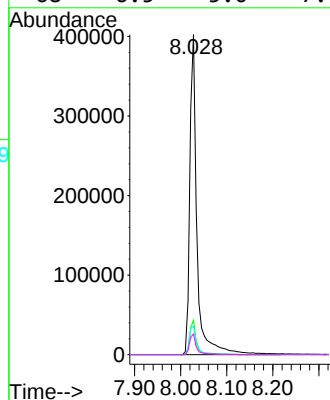
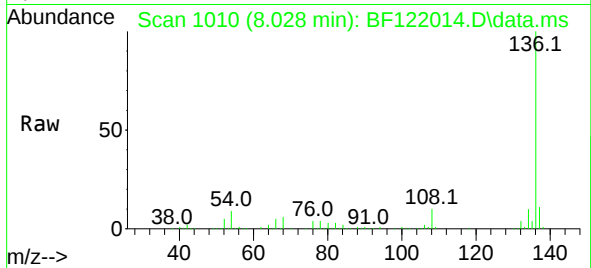




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

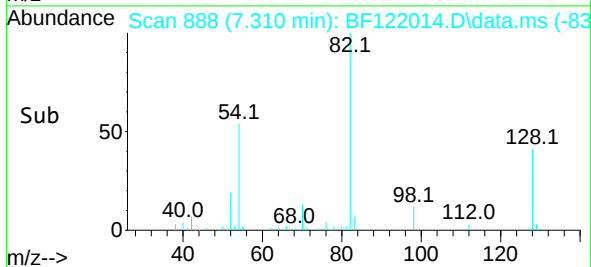
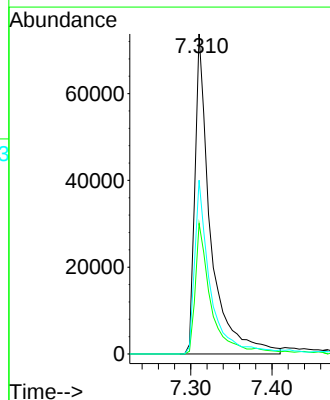
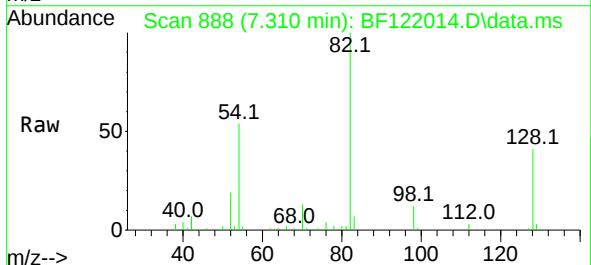
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion:136 Resp: 433864
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.1 10.7
68 6.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 11.65 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 82 Resp: 98547
Ion Ratio Lower Upper
82 100
128 40.8 35.0 52.4
54 54.3 43.9 65.9

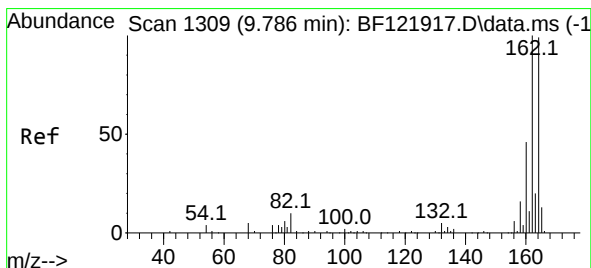
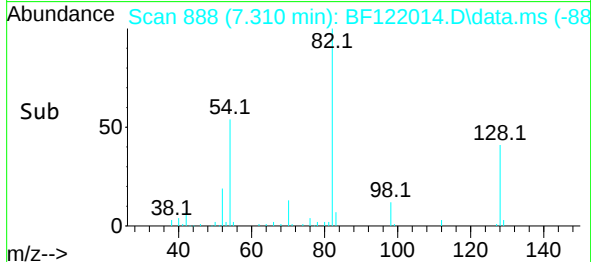
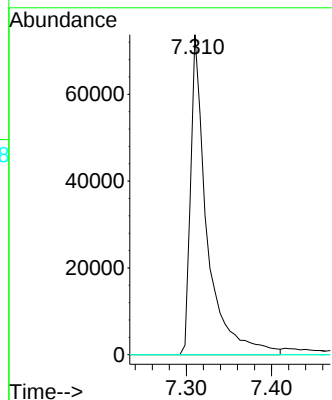
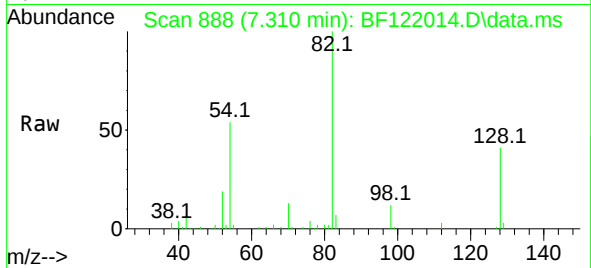




#25
Isophorone
Concen: 6.16 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

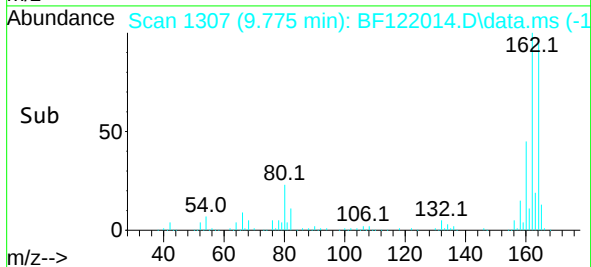
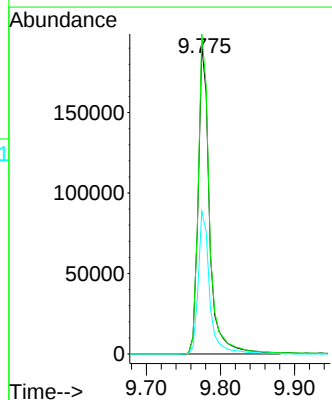
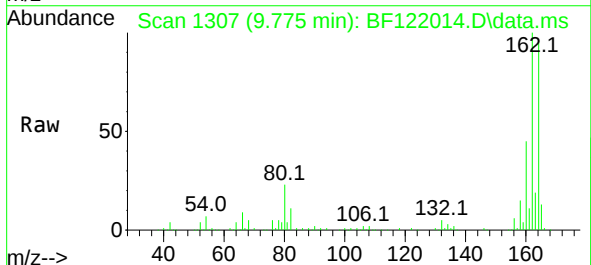
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion: 82 Resp: 98546
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: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:164 Resp: 205222
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 46.3 37.5 56.3

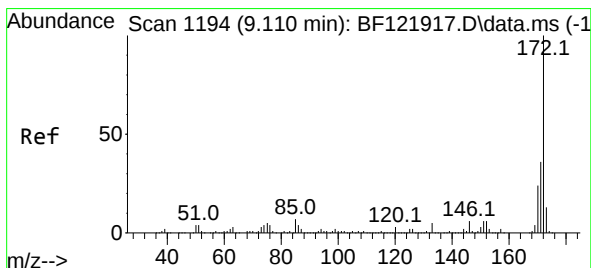
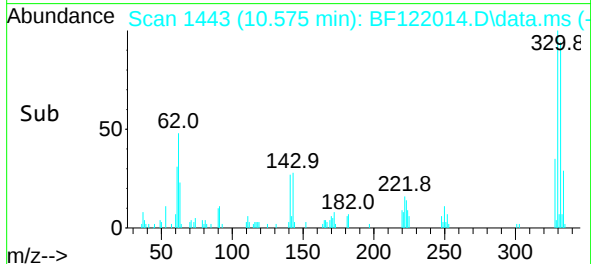
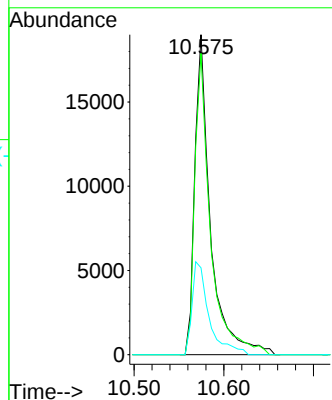
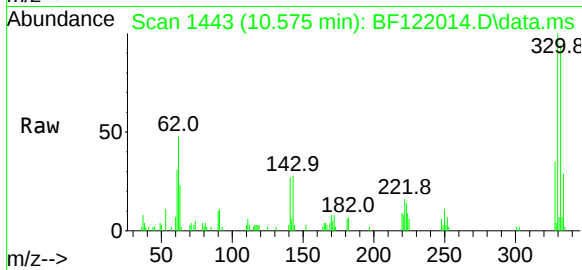




#42
2,4,6-Tribromophenol
Concen: 9.11 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

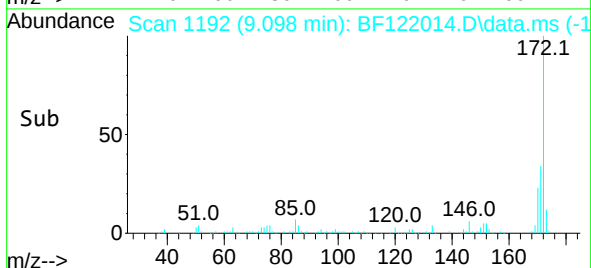
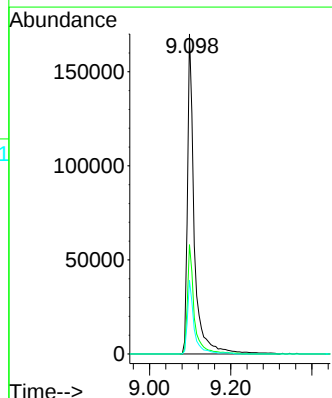
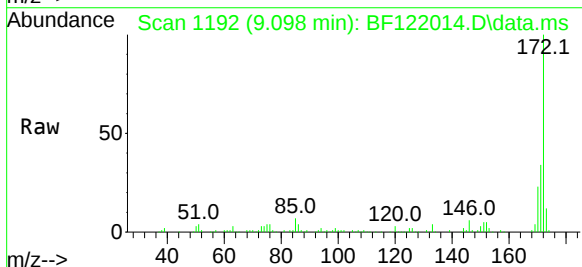
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion:330 Resp: 23123
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 31.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 14.21 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:172 Resp: 198259
Ion Ratio Lower Upper
172 100
171 34.2 29.1 43.7
170 22.9 19.8 29.6

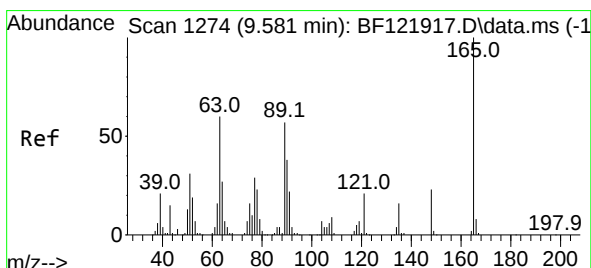
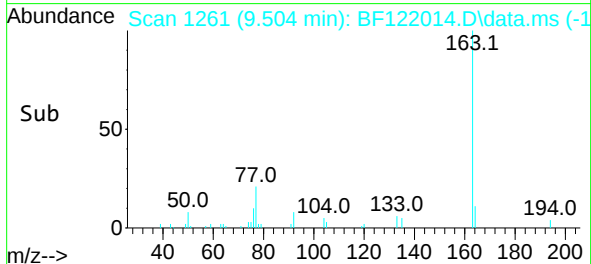
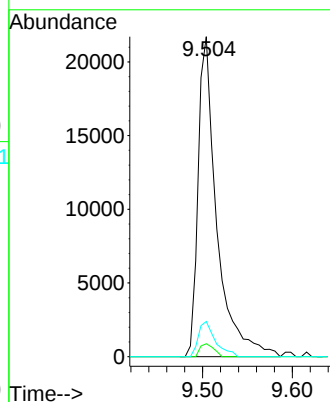
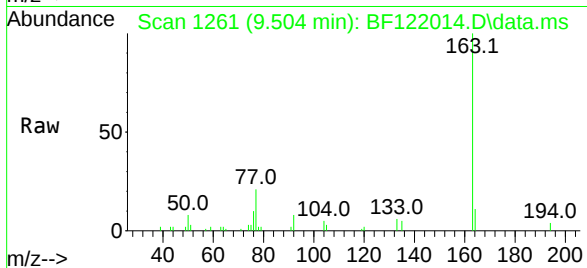




#50
Dimethylphthalate
Concen: 2.09 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

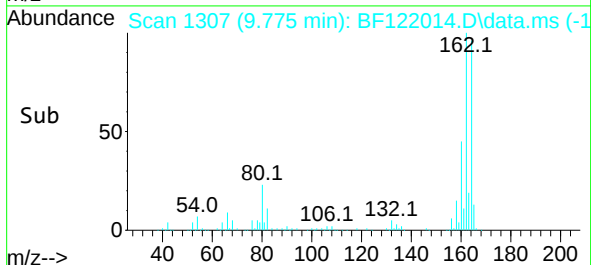
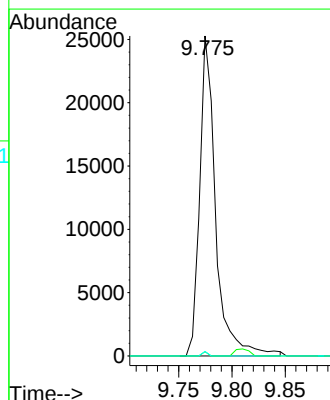
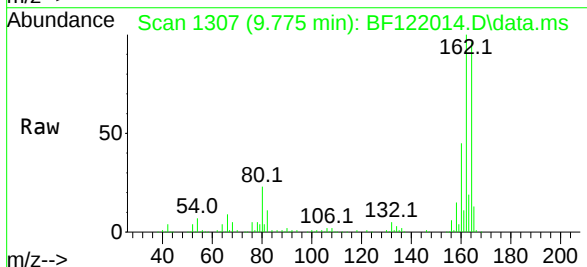
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

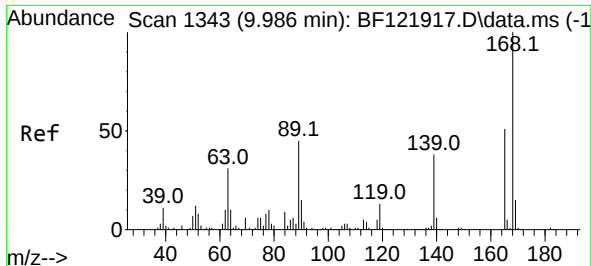
Tgt Ion:163 Resp: 31428
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 11.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:165 Resp: 26437
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.4 49.0 73.6#

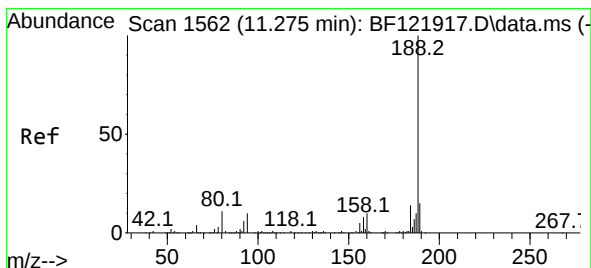
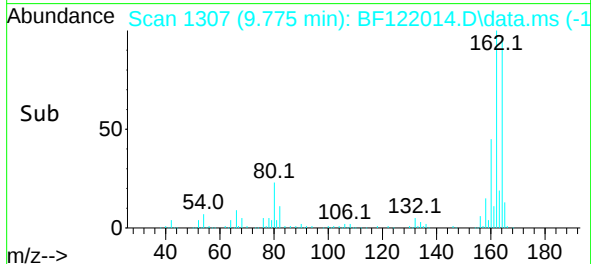
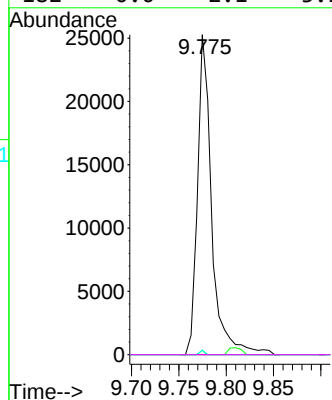
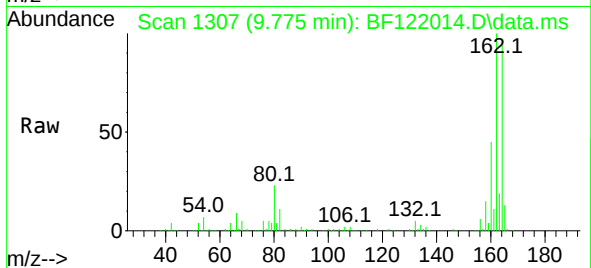




#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

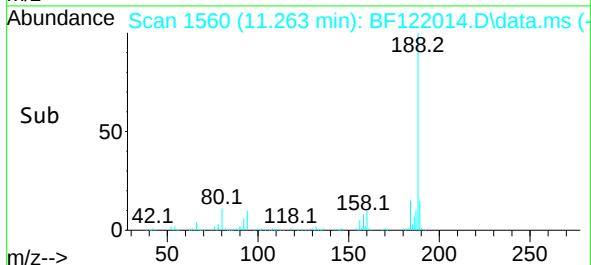
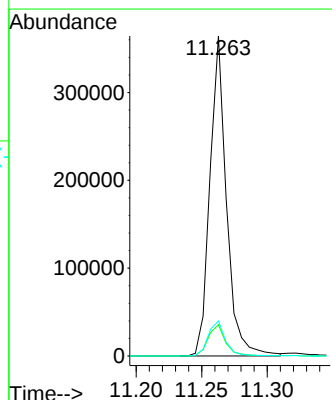
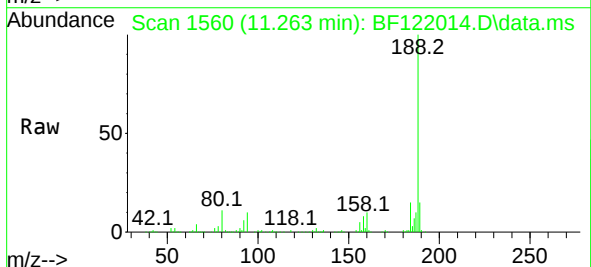
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

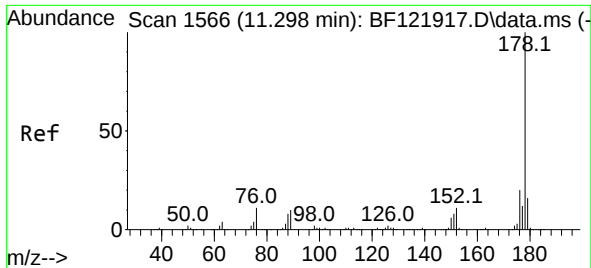
Tgt Ion:165 Resp: 26438
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:188 Resp: 321864
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 11.0 9.1 13.7

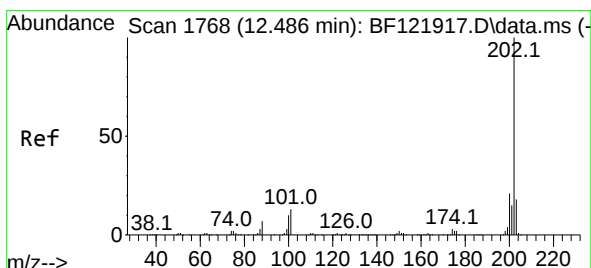
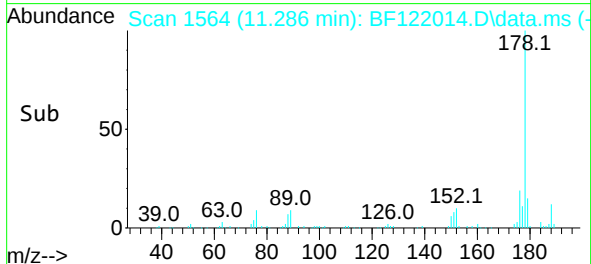
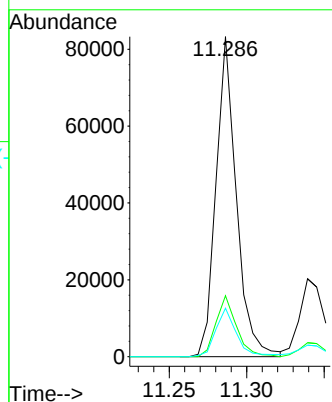
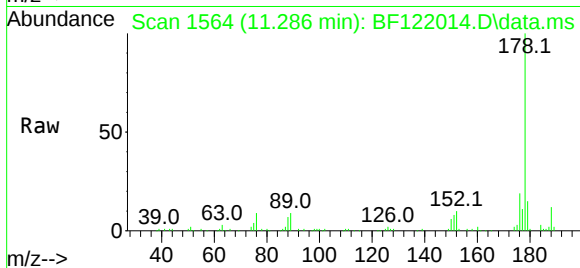




#71
Phenanthrene
Concen: 4.32 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

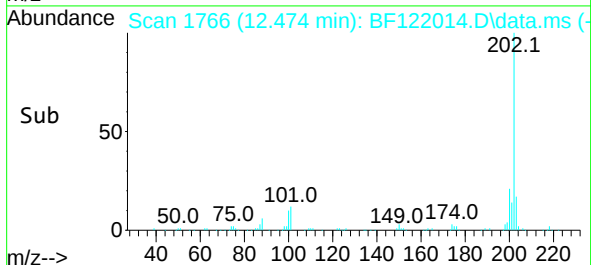
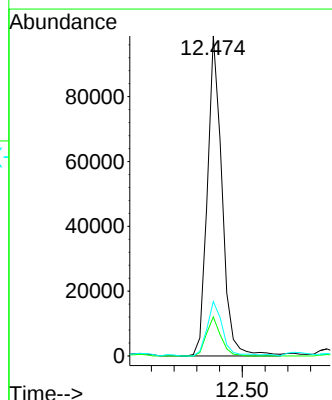
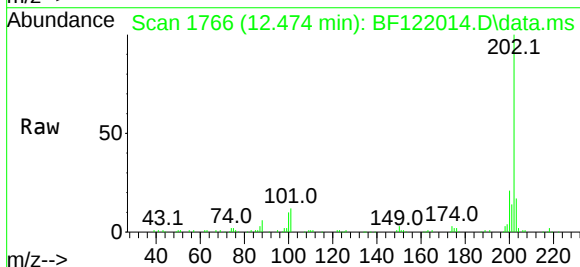
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

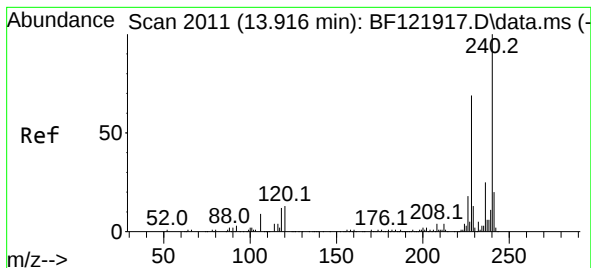
Tgt Ion:178 Resp: 76171
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.2 12.2 18.4



#75
Fluoranthene
Concen: 4.65 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:202 Resp: 88002
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.4
203 17.0 0.0 37.9





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF122014.D

Acq: 16 Oct 2020 16:45

Tgt Ion:240 Resp: 256041

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

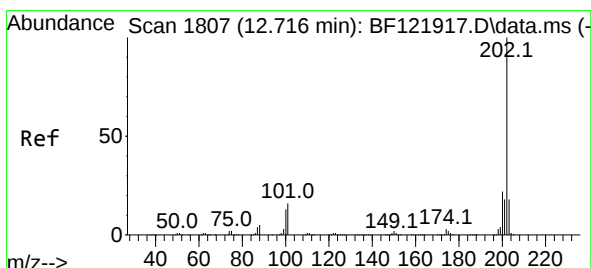
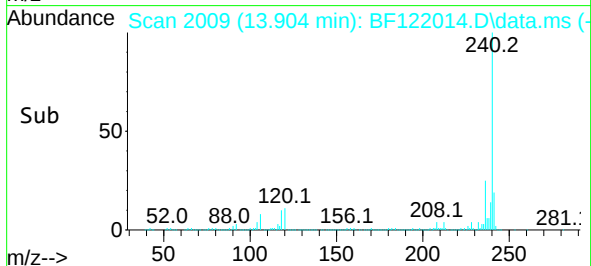
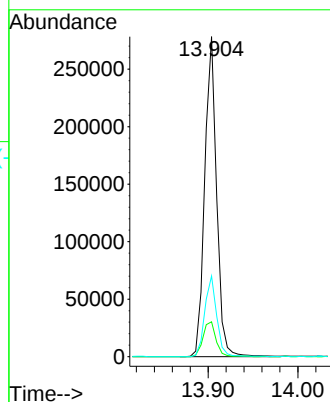
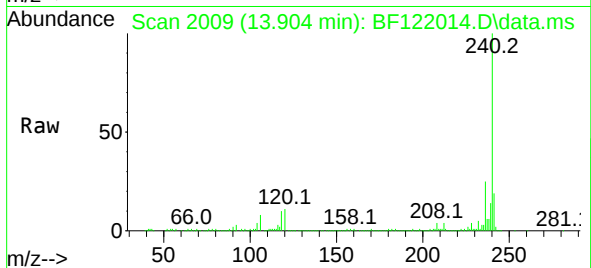
236 25.2 20.9 31.3

Instrument :

BNA_F

ClientSampleId :

OR-03-101520



#78

Pyrene

Concen: 4.89 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF122014.D

Acq: 16 Oct 2020 16:45

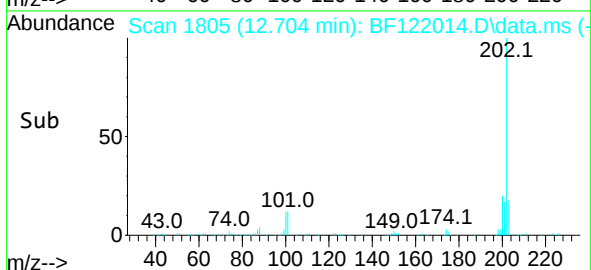
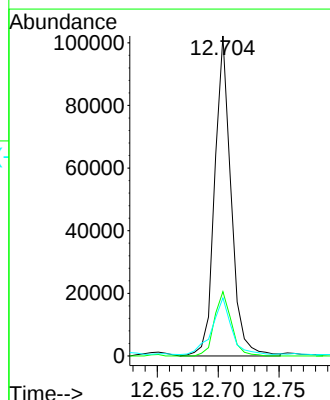
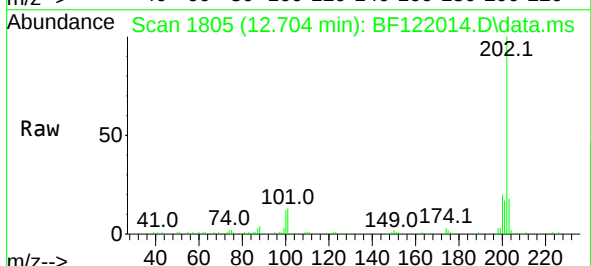
Tgt Ion:202 Resp: 95504

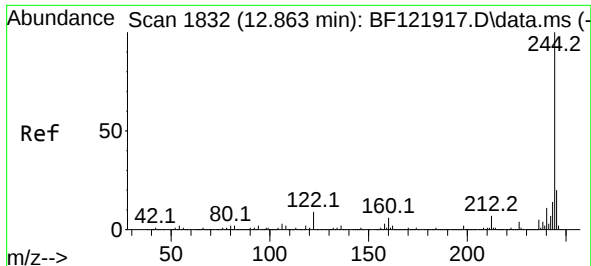
Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

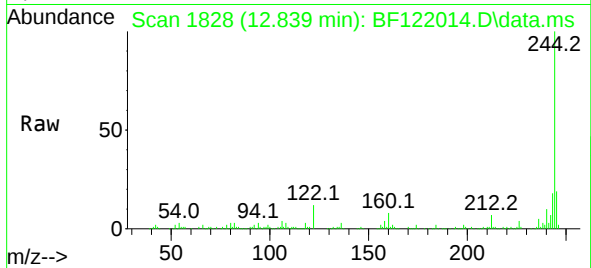
203 18.1 14.6 21.8



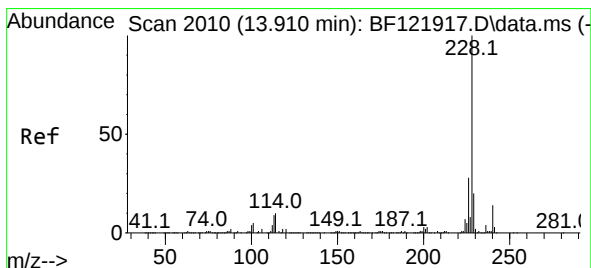
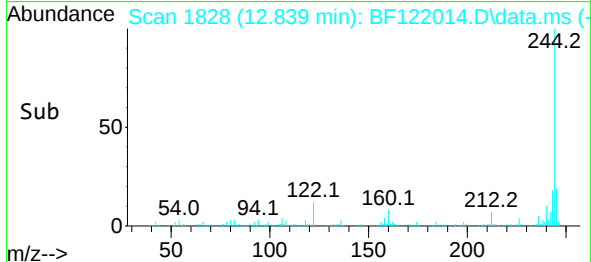
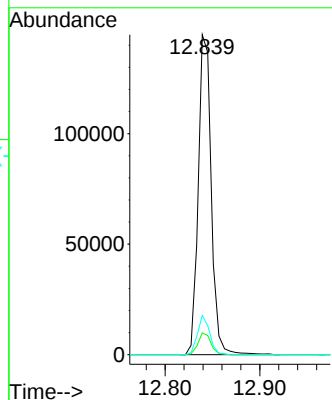


#79
 Terphenyl-d14
 Concen: 10.32 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.012 min
 Lab File: BF122014.D
 Acq: 16 Oct 2020 16:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101520

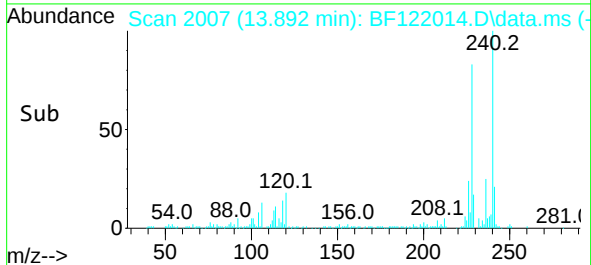
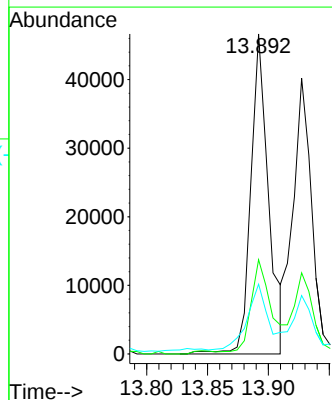
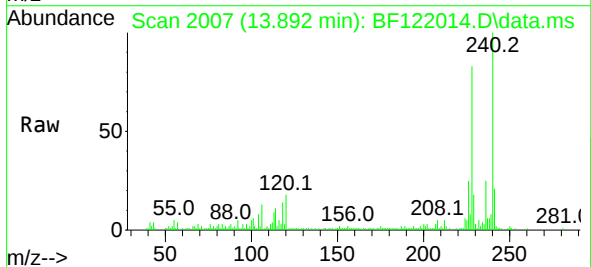


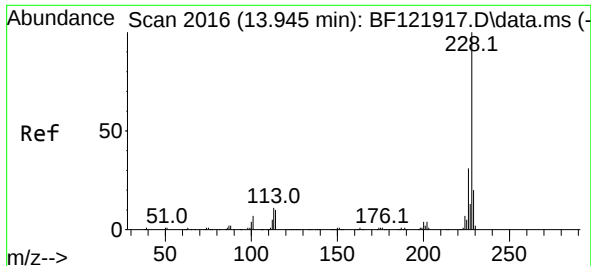
Tgt Ion:244 Resp: 138714
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.3 8.1 12.1#



#81
 Benzo(a)anthracene
 Concen: 2.84 ng
 RT: 13.892 min Scan# 2007
 Delta R.T. -0.006 min
 Lab File: BF122014.D
 Acq: 16 Oct 2020 16:45

Tgt Ion:228 Resp: 47599
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.3 33.5
 229 21.8 16.2 24.4

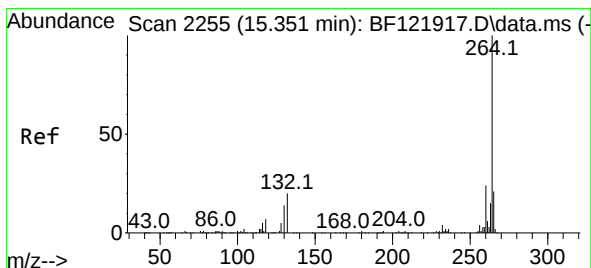
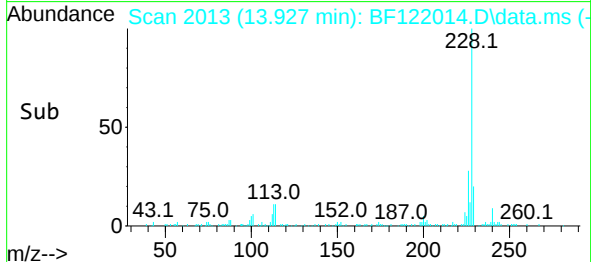
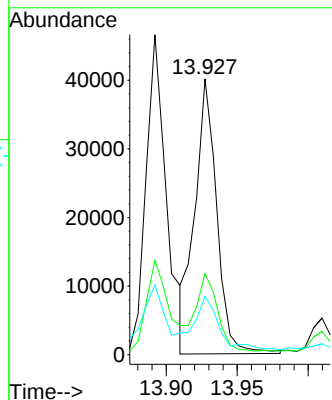
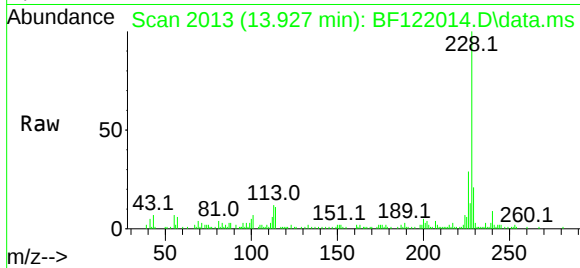




#83
Chrysene
Concen: 2.62 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

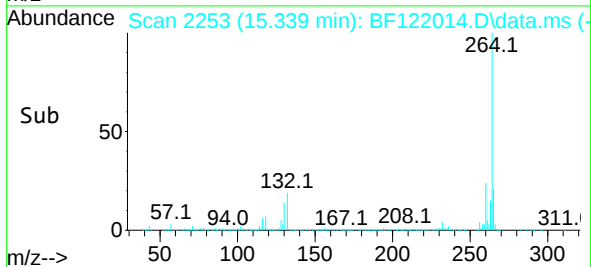
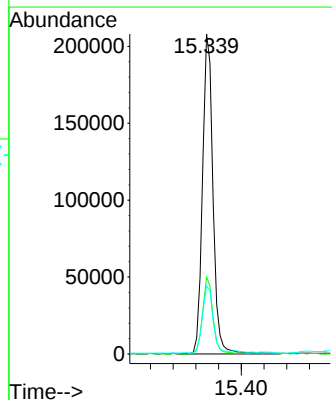
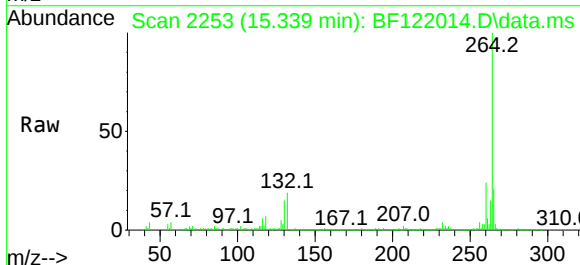
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

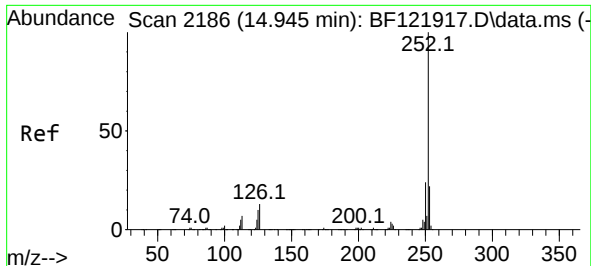
Tgt Ion:228	Resp:	43120
Ion Ratio	Lower	Upper
228	100	
226	29.4	24.6 37.0
229	21.2	15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Tgt Ion:264	Resp:	267142
Ion Ratio	Lower	Upper
264	100	
260	24.0	18.7 28.1
265	21.2	17.3 25.9

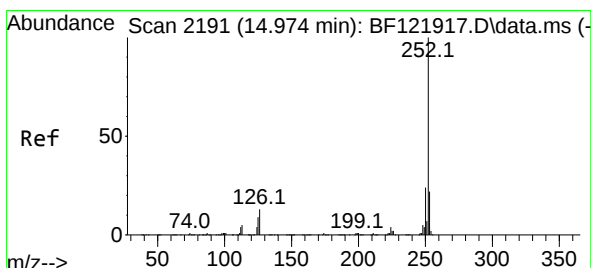
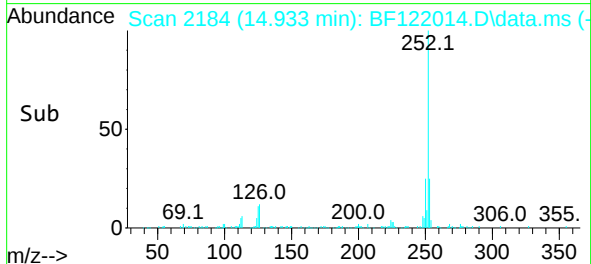
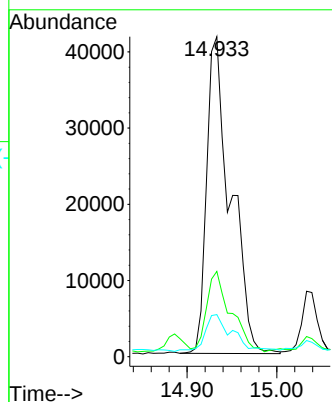
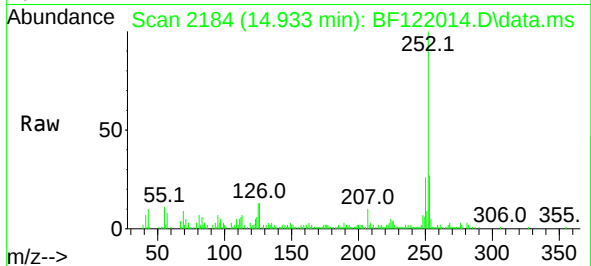




#88
Benzo(b)fluoranthene
Concen: 4.25 ng
RT: 14.933 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

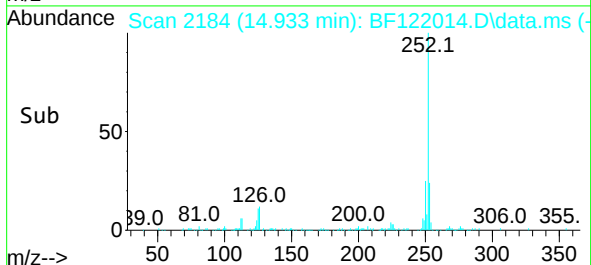
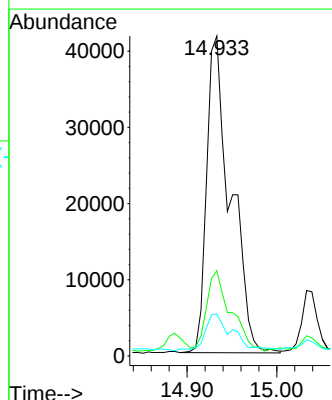
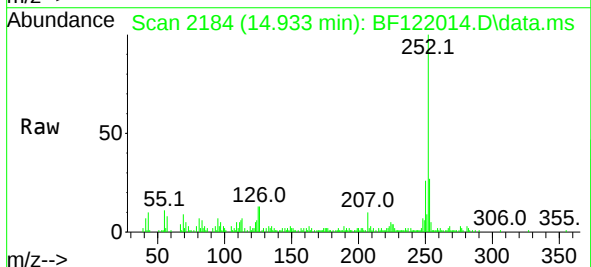
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

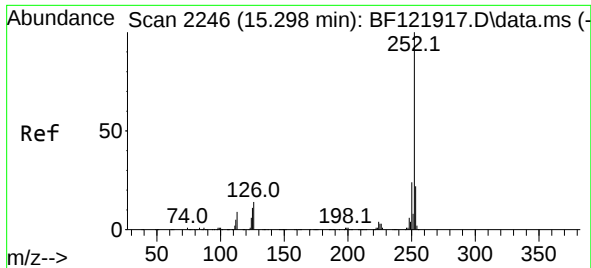
Tgt Ion:252 Resp: 76772
Ion Ratio Lower Upper
252 100
253 26.6 18.2 27.2
125 13.2 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 4.48 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.029 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

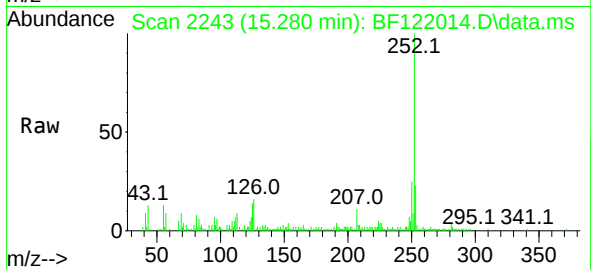
Tgt Ion:252 Resp: 76772
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.6#
125 13.2 7.7 11.5#





#90
Benzo(a)pyrene
Concen: 2.85 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF122014.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_F
ClientSampleId :
OR-03-101520



Tgt Ion:252 Resp: 44423
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 14.2 8.6 13.0#

