

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122062.D
 Acq On : 21 Oct 2020 18:45
 Operator : JU/CG
 Sample : L4222-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-101920

Quant Time: Oct 22 00:32:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

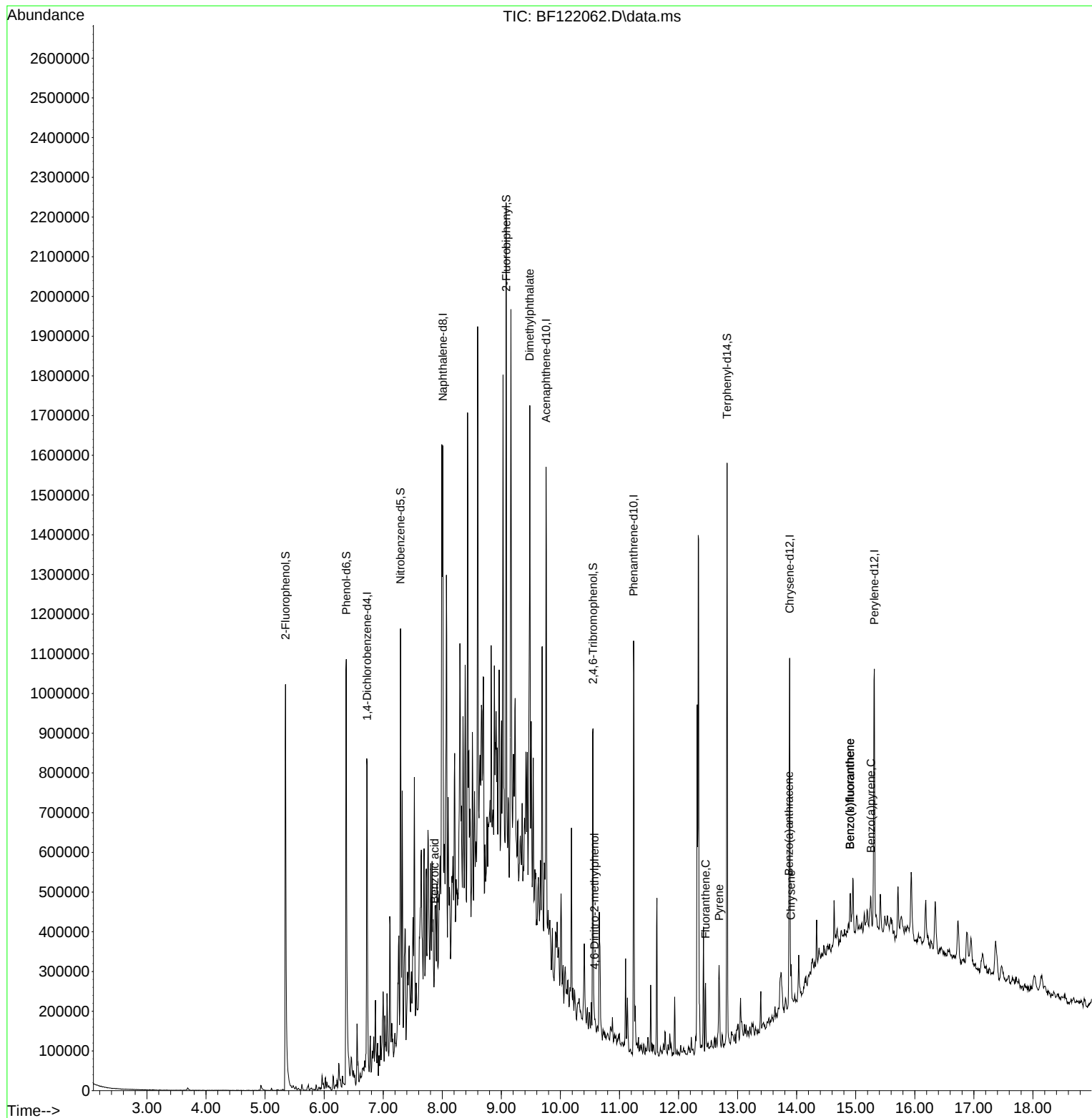
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	121034	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	456191	20.00	ng	# 0.00
39) Acenaphthene-d10	9.757	164	230557	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	386530	20.00	ng	0.00
76) Chrysene-d12	13.880	240	280785	20.00	ng	0.00
86) Perylene-d12	15.315	264	252993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	361828	44.12	ng	0.00
7) Phenol-d6	6.375	99	458536	43.44	ng	0.00
23) Nitrobenzene-d5	7.292	82	289530	32.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	108646	38.09	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	504038	32.17	ng	0.00
79) Terphenyl-d14	12.822	244	415149	28.18	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.245	77	151	Below Cal	#	34
32) Benzoic acid	7.869	122	752	7.83 ng	#	1
50) Dimethylphthalate	9.481	163	51951	3.08 ng	#	97
65) 4,6-Dinitro-2-methylph...	10.575	198	335	4.55 ng	#	1
75) Fluoranthene	12.457	202	67077	2.95 ng		97
78) Pyrene	12.686	202	71879	3.36 ng		98
81) Benzo(a)anthracene	13.869	228	36865	2.00 ng	#	92
83) Chrysene	13.904	228	36894	2.04 ng	#	94
88) Benzo(b)fluoranthene	14.904	252	62185	3.64 ng	#	86
89) Benzo(k)fluoranthene	14.904	252	62185	3.83 ng	#	85
90) Benzo(a)pyrene	15.257	252	36697	2.48 ng	#	90

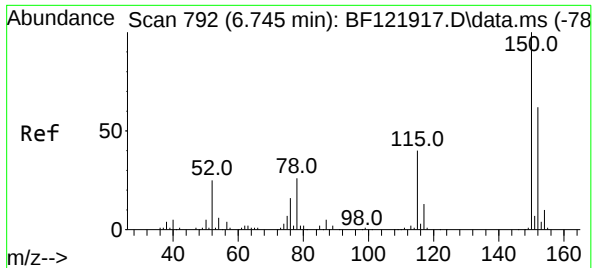
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Time: Oct 22 00:32:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

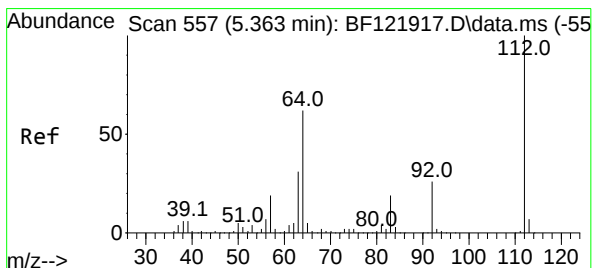
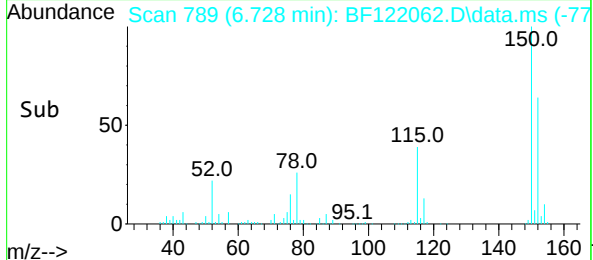
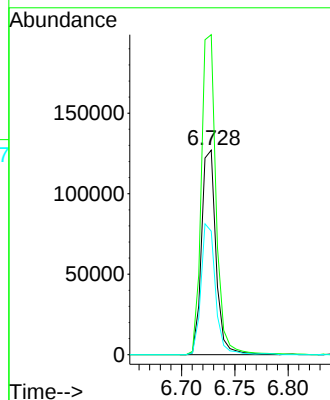
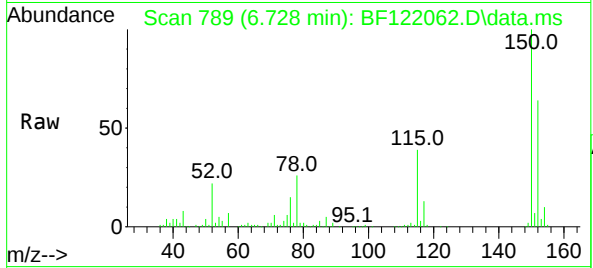




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: BF122062.D
 Acq: 21 Oct 2020 18:45

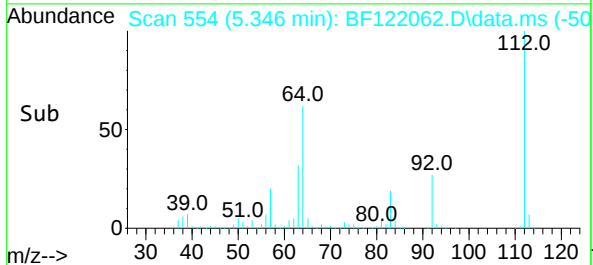
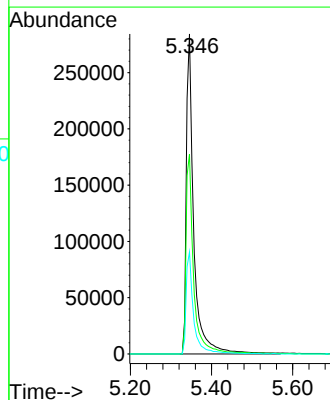
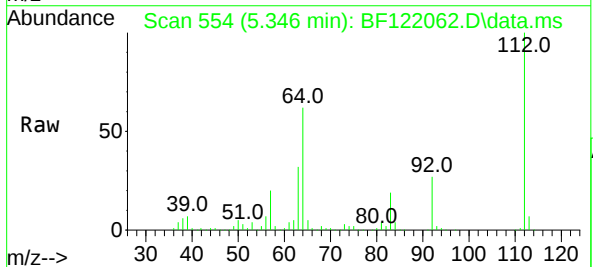
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-101920

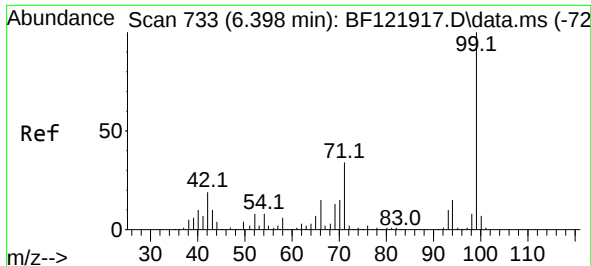
Tgt Ion:152 Resp: 121034
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 60.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 44.12 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: BF122062.D
 Acq: 21 Oct 2020 18:45

Tgt Ion:112 Resp: 361828
 Ion Ratio Lower Upper
 112 100
 64 62.4 50.4 75.6
 63 31.9 25.8 38.6

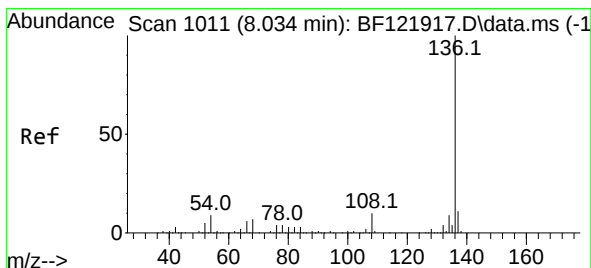
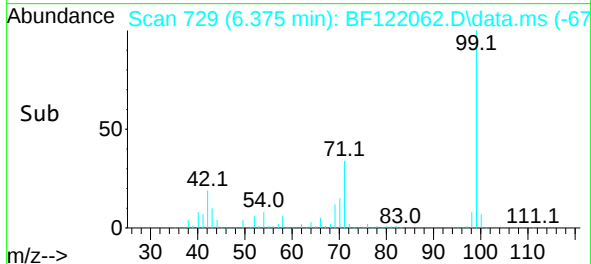
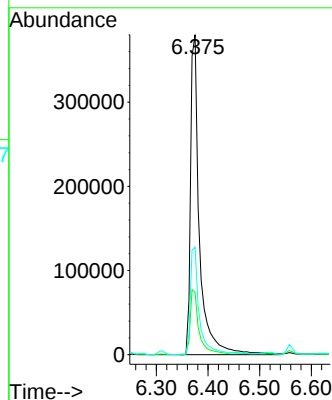
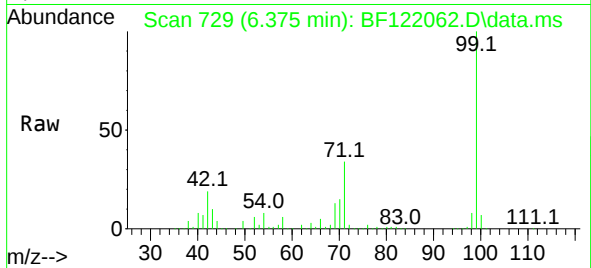




#7
Phenol-d6
Concen: 43.44 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

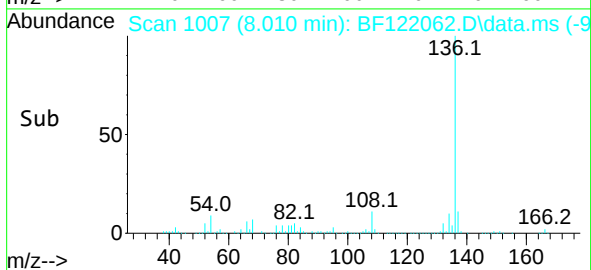
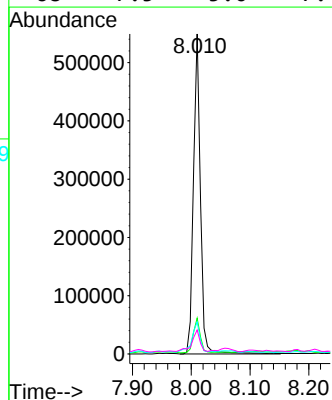
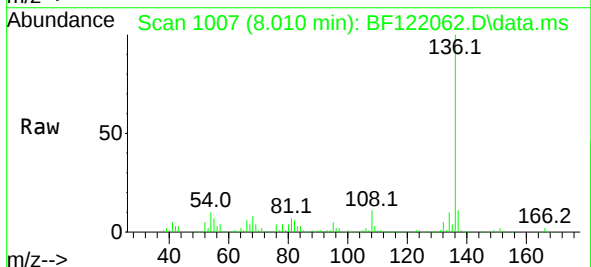
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

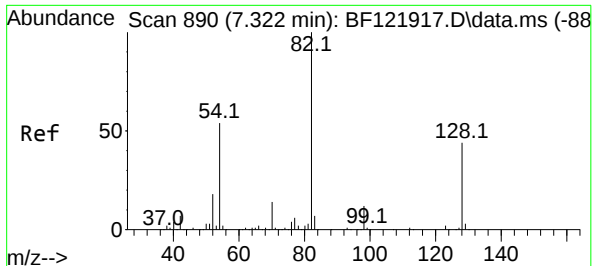
Tgt Ion: 99 Resp: 458536
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 33.6 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion: 136 Resp: 456191
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.0 7.1 10.7
68 7.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 32.55 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF122062.D

Acq: 21 Oct 2020 18:45

Tgt Ion: 82 Resp: 289530

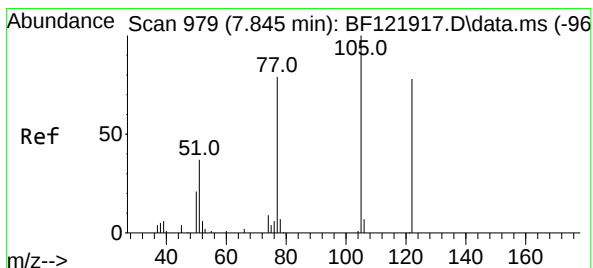
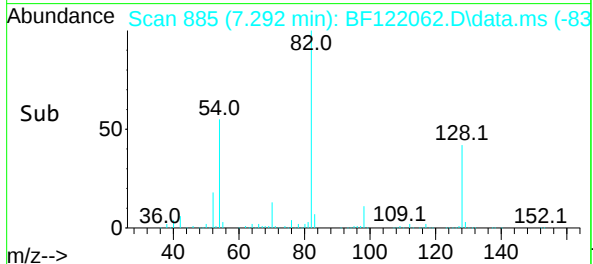
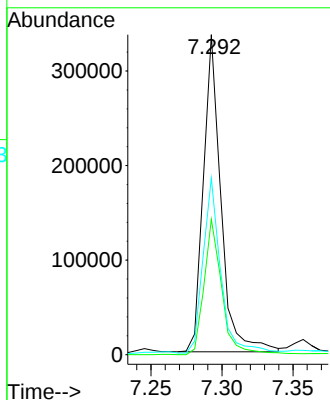
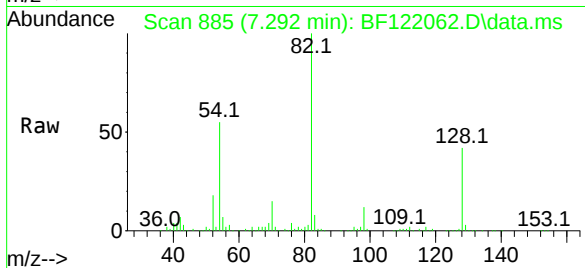
Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.0	52.4
54	55.2	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

EO-03-101920



#32

Benzoic acid

Concen: 7.83 ng

RT: 7.869 min Scan# 983

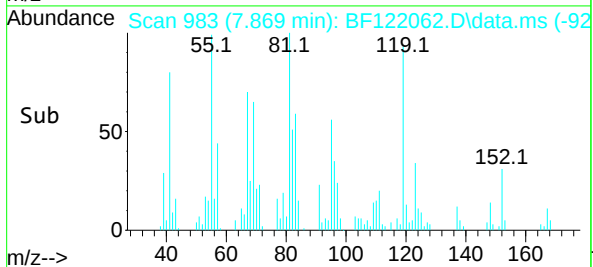
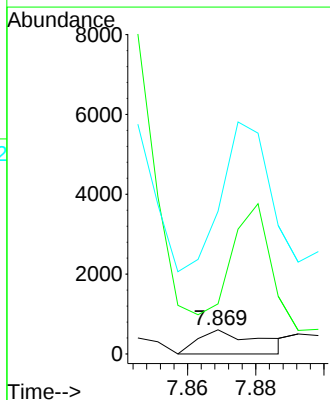
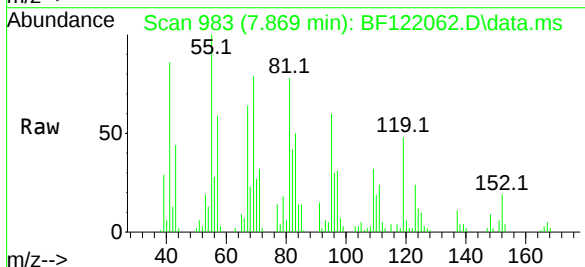
Delta R.T. 0.024 min

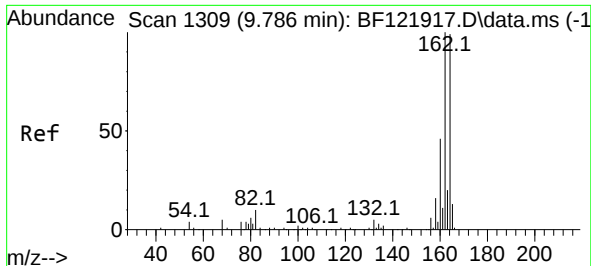
Lab File: BF122062.D

Acq: 21 Oct 2020 18:45

Tgt Ion:122 Resp: 752

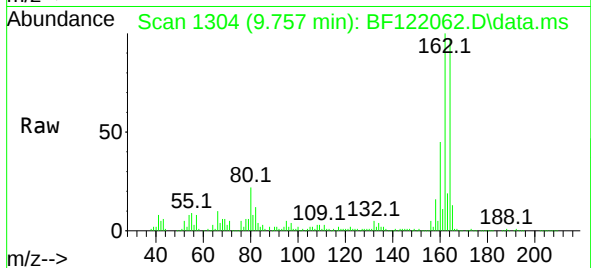
Ion	Ratio	Lower	Upper
122	100		
105	207.3	103.3	143.3#
77	590.3	73.9	113.9#



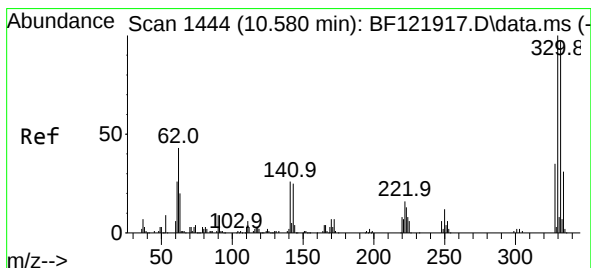
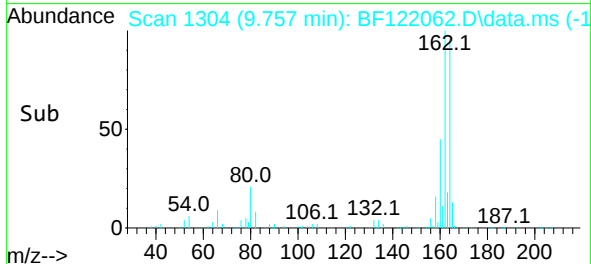
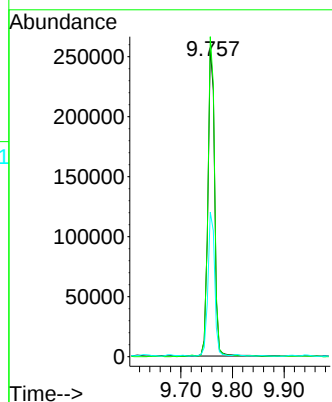


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Instrument :
BNA_F
ClientSampleId :
EO-03-101920

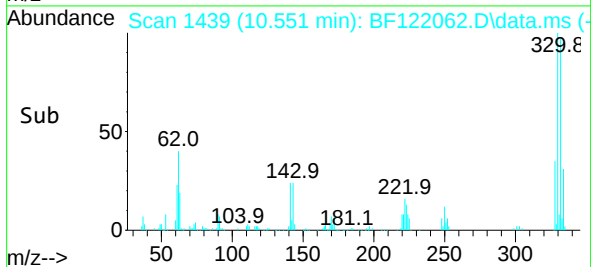
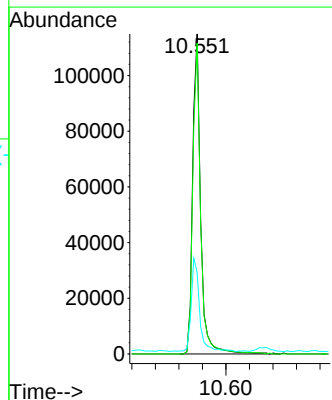
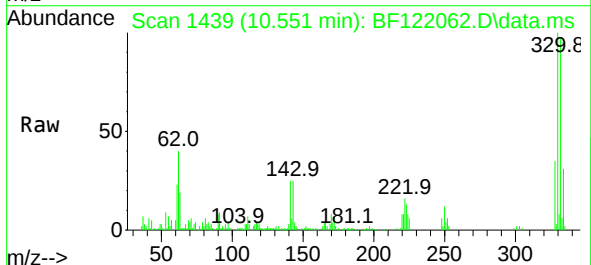


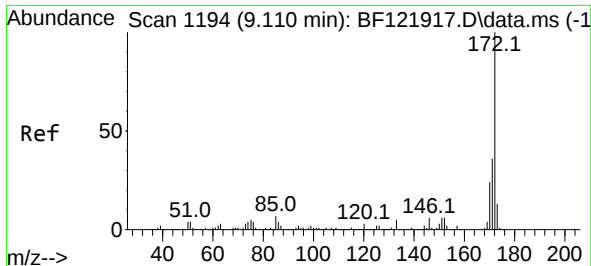
Tgt Ion:164 Resp: 230557
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.7 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 38.09 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:330 Resp: 108646
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.6 22.3 33.5

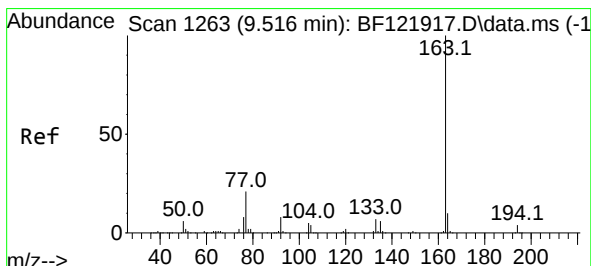
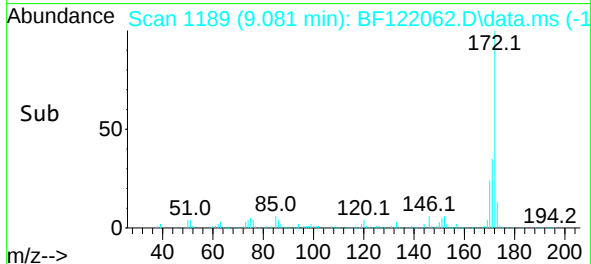
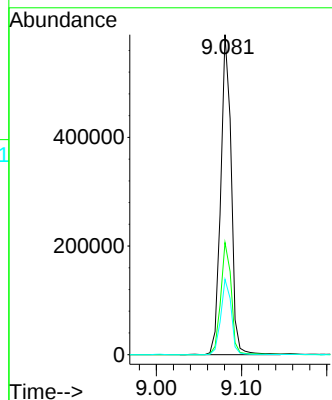
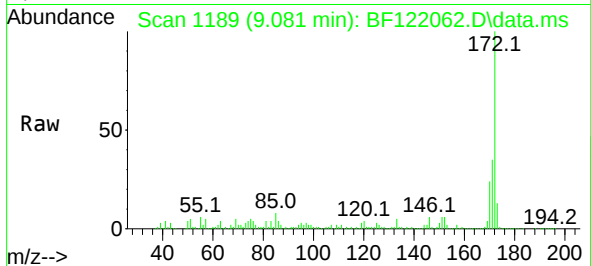




#45
2-Fluorobiphenyl
Concen: 32.17 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

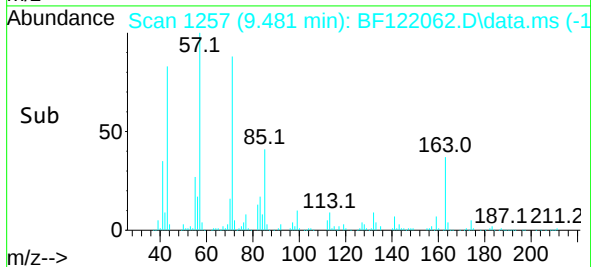
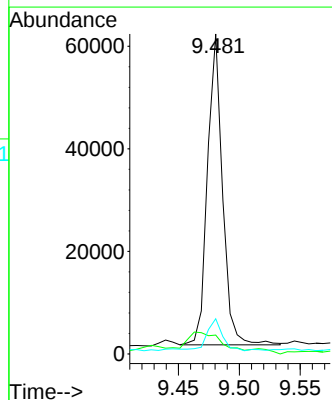
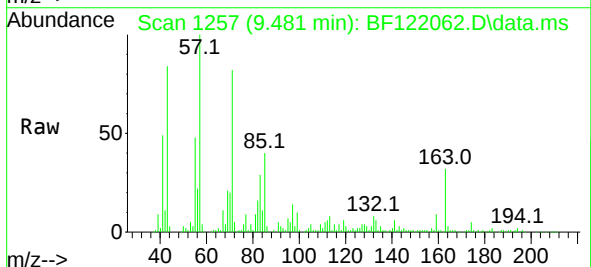
Instrument :
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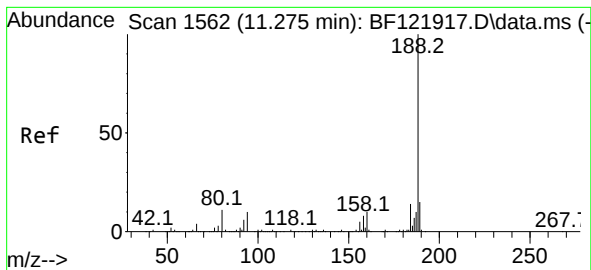
Tgt Ion:172 Resp: 504038
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 3.08 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:163 Resp: 51951
Ion Ratio Lower Upper
163 100
194 5.9 3.3 4.9#
164 11.0 8.2 12.4

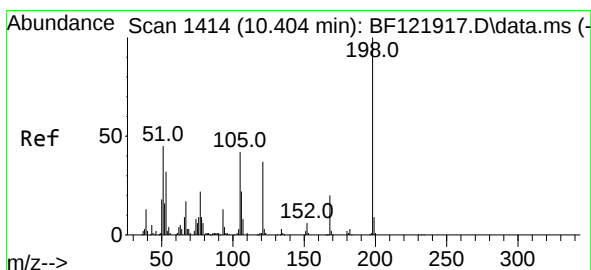
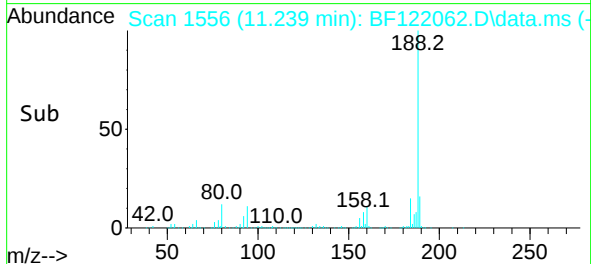
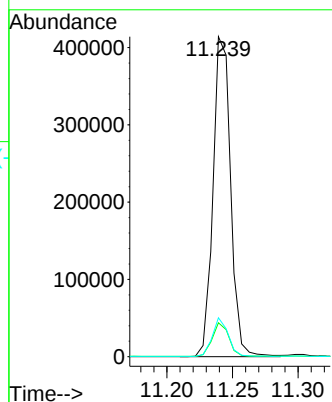
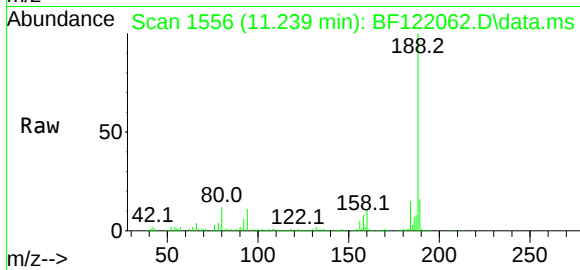




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

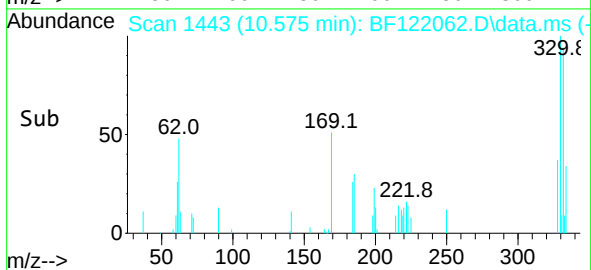
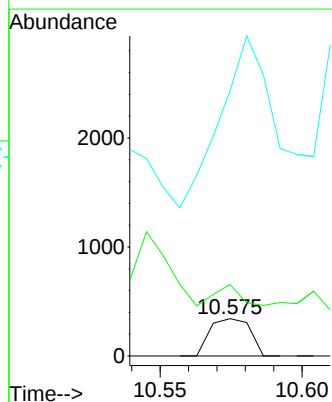
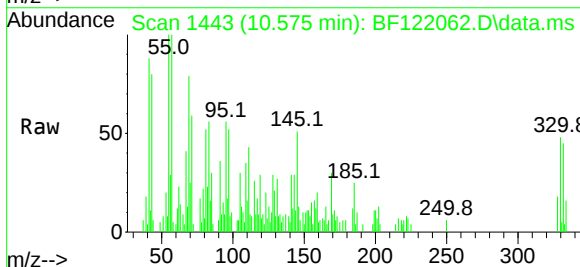
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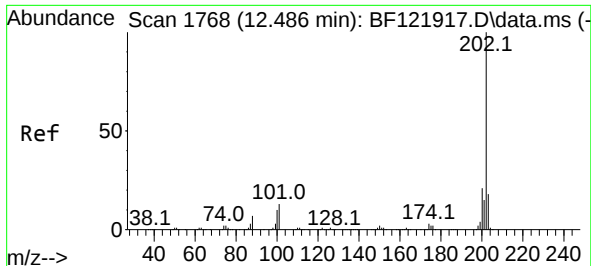
Tgt Ion:188 Resp: 386530
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 12.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.188 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:198 Resp: 335
Ion Ratio Lower Upper
198 100
51 191.5 29.6 69.6#
105 712.3 24.4 64.4#

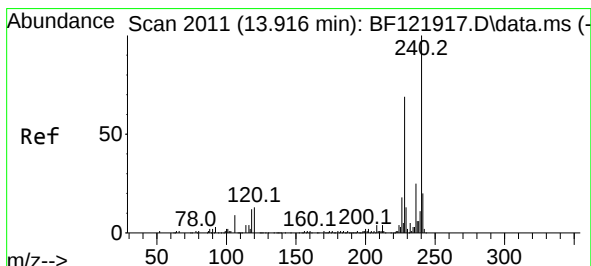
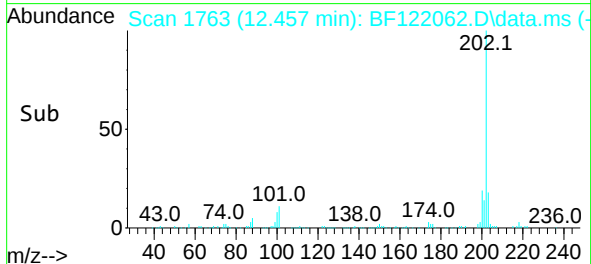
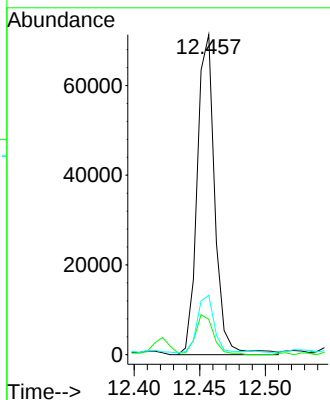
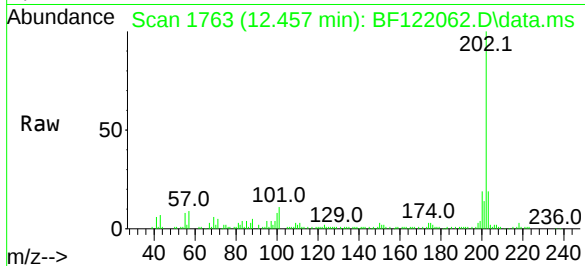




#75
Fluoranthene
Concen: 2.95 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

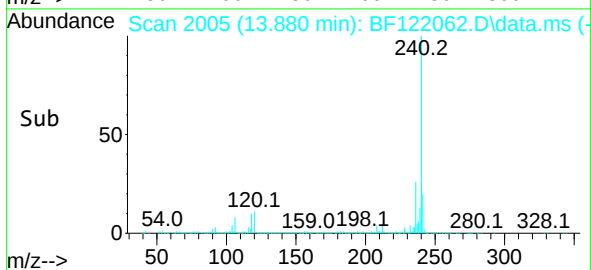
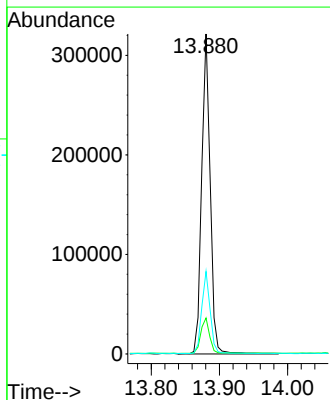
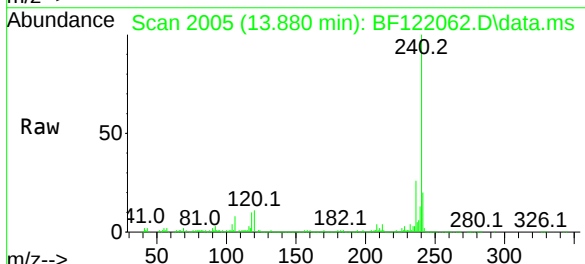
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

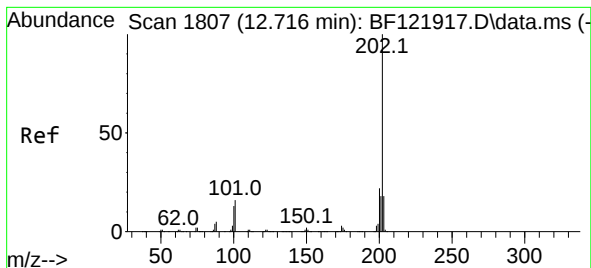
Tgt Ion:202	Resp:	67077
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 33.4
203	18.5	0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:240	Resp:	280785
Ion Ratio	Lower	Upper
240	100	
120	11.3	9.2 13.8
236	25.8	20.9 31.3





#78

Pyrene

Concen: 3.36 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF122062.D

Acq: 21 Oct 2020 18:45

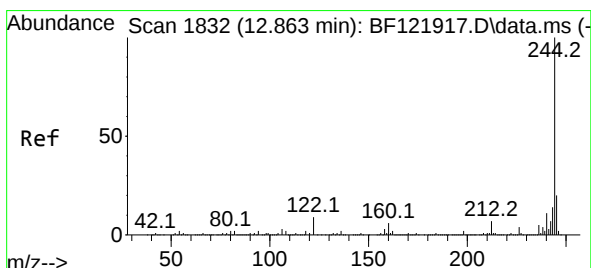
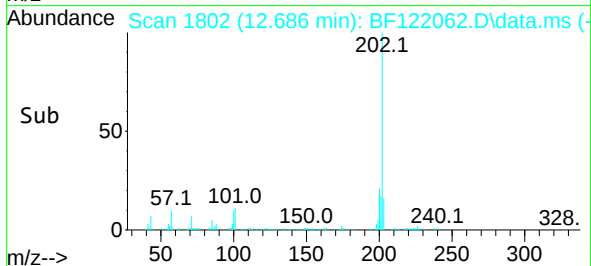
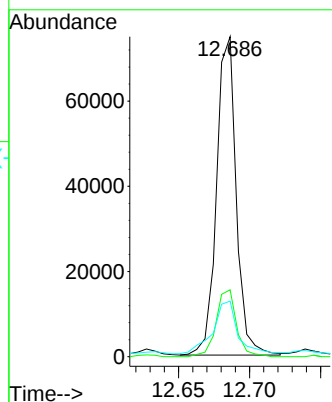
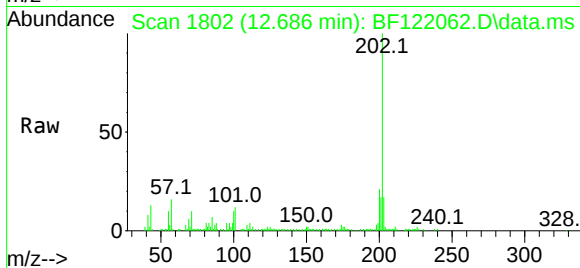
Tgt Ion:	202	Resp:	71879
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.3	14.6	21.8

Instrument :

BNA_F

ClientSampleId :

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#79

Terphenyl-d14

Concen: 28.18 ng

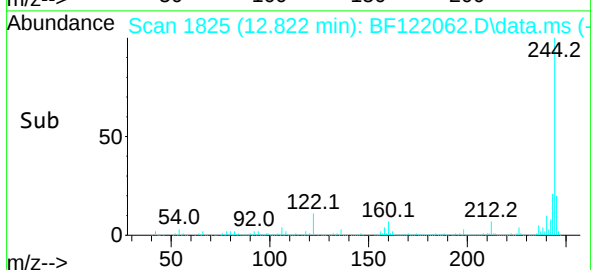
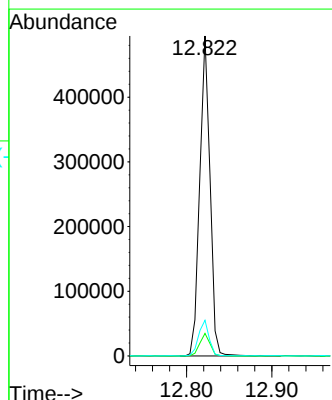
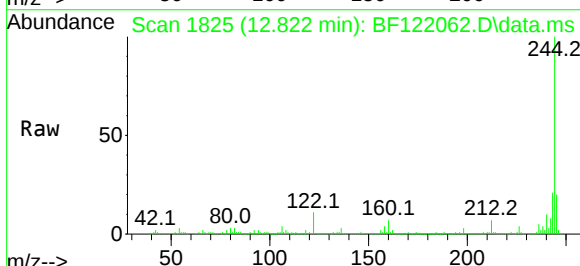
RT: 12.822 min Scan# 1825

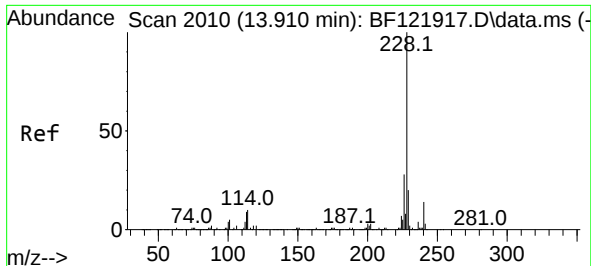
Delta R.T. -0.012 min

Lab File: BF122062.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	244	Resp:	415149
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	11.2	8.1	12.1

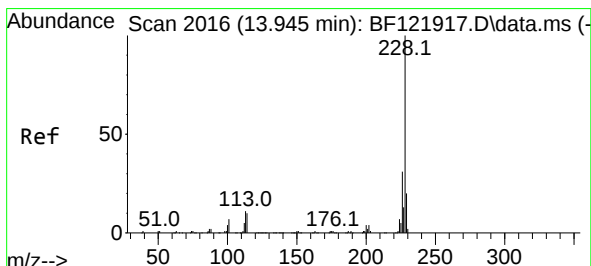
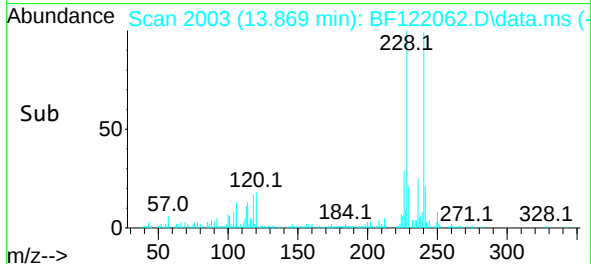
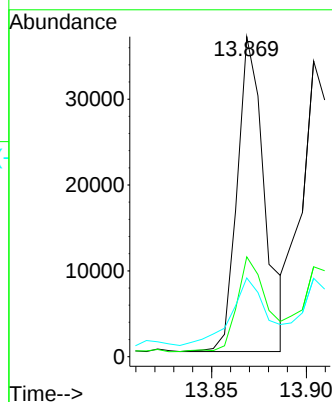
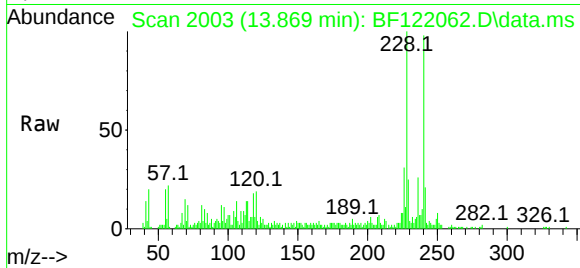




#81
Benzo(a)anthracene
Concen: 2.00 ng
RT: 13.869 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

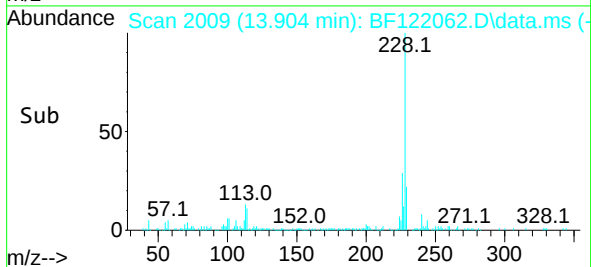
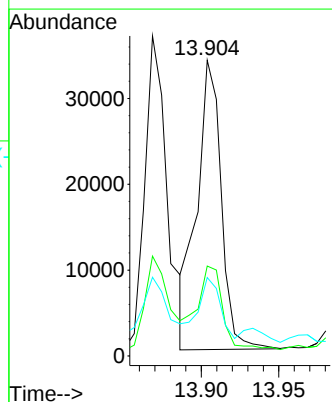
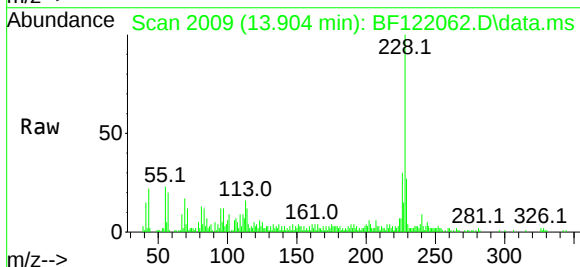
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

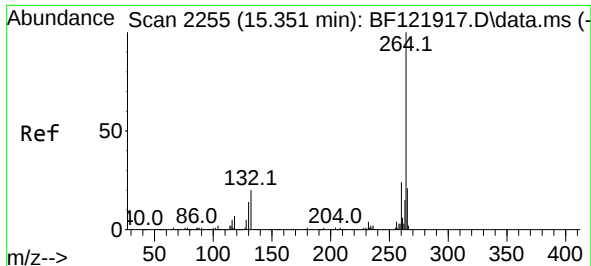
Tgt Ion:228 Resp: 36865
Ion Ratio Lower Upper
228 100
226 31.2 22.3 33.5
229 24.6 16.2 24.4#



#83
Chrysene
Concen: 2.04 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:228 Resp: 36894
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 26.5 15.9 23.9#

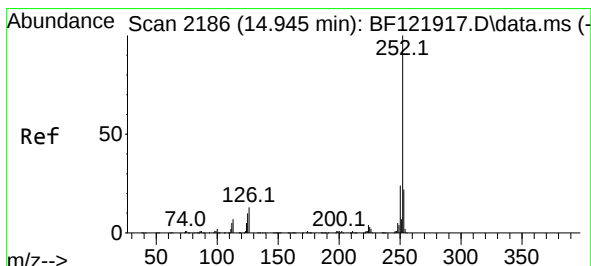
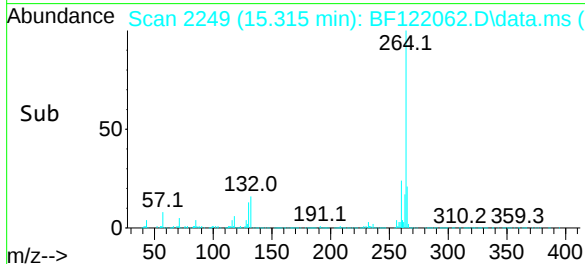
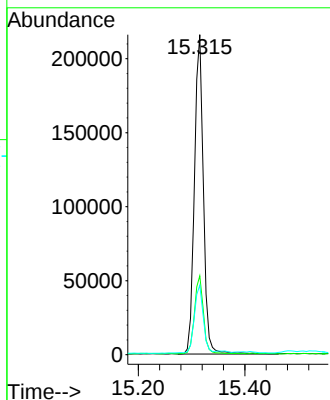
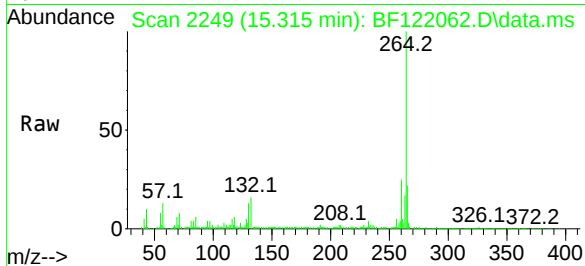




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

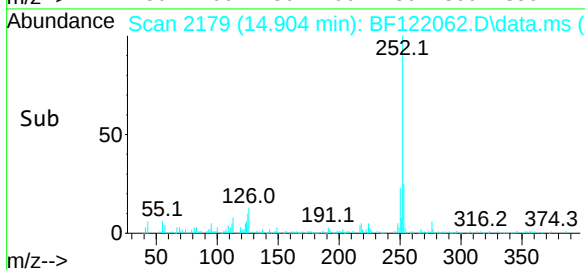
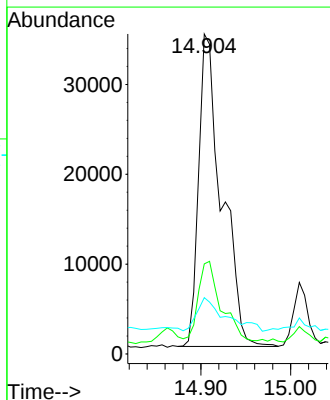
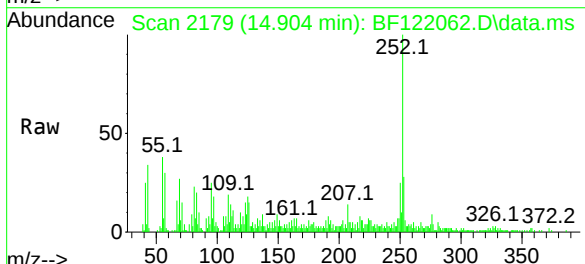
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

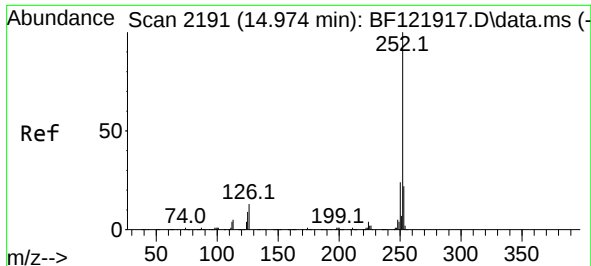
Tgt Ion:264 Resp: 252993
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.8 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 3.64 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:252 Resp: 62185
Ion Ratio Lower Upper
252 100
253 28.2 18.2 27.2#
125 17.6 8.0 12.0#

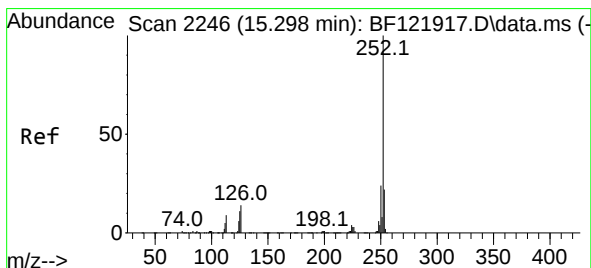
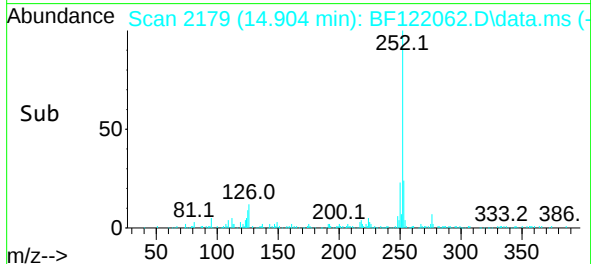
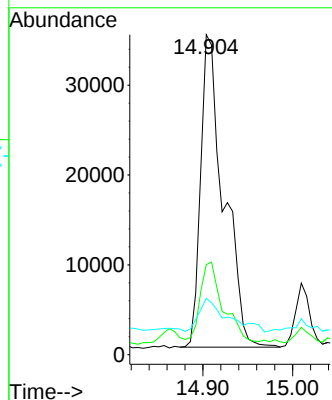
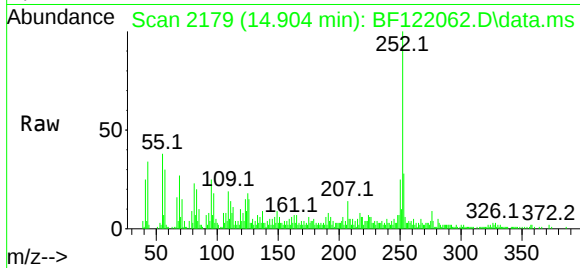




#89
Benzo(k)fluoranthene
Concen: 3.83 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.029 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Instrument :
BNA_F
ClientSampleId :
EO-03-101920

Tgt Ion:252 Resp: 62185
Ion Ratio Lower Upper
252 100
253 28.2 17.8 26.6#
125 17.6 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 2.48 ng
RT: 15.257 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BF122062.D
Acq: 21 Oct 2020 18:45

Tgt Ion:252 Resp: 36697
Ion Ratio Lower Upper
252 100
253 24.3 17.3 25.9
125 17.5 8.6 13.0#

