

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122039.D
 Acq On : 20 Oct 2020 20:11
 Operator : JU/CG
 Sample : L4461-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-F1-5.0-10.0

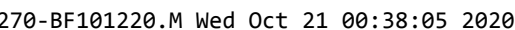
Quant Time: Oct 21 00:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

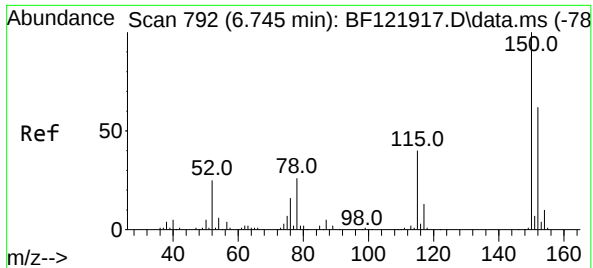
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	100876	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	382337	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	175723	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	282798	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	248659	20.00	ng	-0.02
86) Perylene-d12	15.327	264	269411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	751183	109.91	ng	-0.01
7) Phenol-d6	6.386	99	940914	106.94	ng	0.00
23) Nitrobenzene-d5	7.298	82	625847	83.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	206458	94.98	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	964226	80.74	ng	-0.02
79) Terphenyl-d14	12.833	244	784437	60.12	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.328	77	135	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	84135	16.80	ng	# 80
25) Isophorone	7.298	82	625841	44.40	ng	# 67
49) Acenaphthylene	9.627	152	39871	2.34	ng	98
50) Dimethylphthalate	9.486	163	141174	10.99	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	371	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	12109	3.71	ng	# 1
69) Atrazine	11.051	200	5846	2.45	ng	# 40
71) Phenanthrene	11.274	178	124131	8.01	ng	99
72) Anthracene	11.327	178	33704	2.10	ng	98
75) Fluoranthene	12.463	202	105107	6.32	ng	99
78) Pyrene	12.692	202	157772	8.33	ng	97
81) Benzo(a)anthracene	13.880	228	80889	4.96	ng	96
83) Chrysene	13.915	228	82400	5.15	ng	98
87) Indeno(1,2,3-cd)pyrene	16.739	276	38325	2.19	ng	95
88) Benzo(b)fluoranthene	14.921	252	102574	5.63	ng	# 94
89) Benzo(k)fluoranthene	14.921	252	102574	5.93	ng	# 93
90) Benzo(a)pyrene	15.268	252	69994	4.45	ng	# 96
92) Benzo(g,h,i)perylene	17.168	276	40748	2.83	ng	95

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

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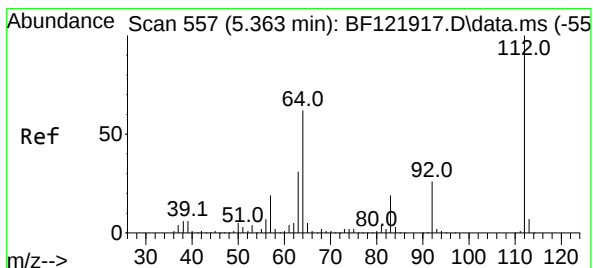
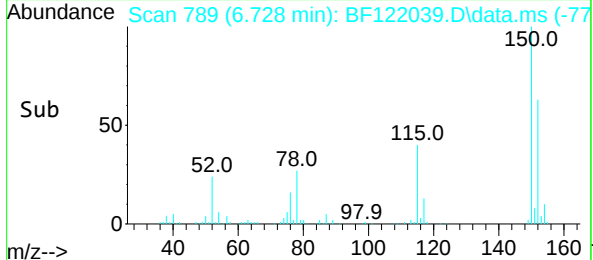
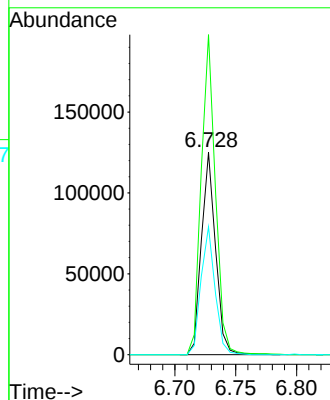
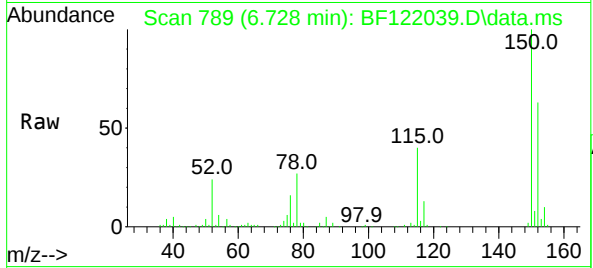




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

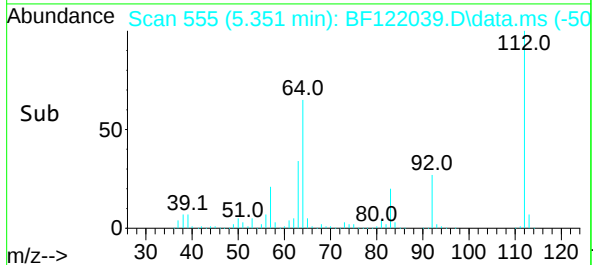
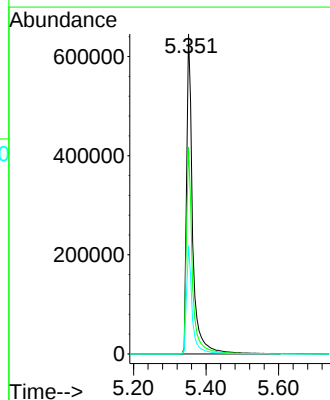
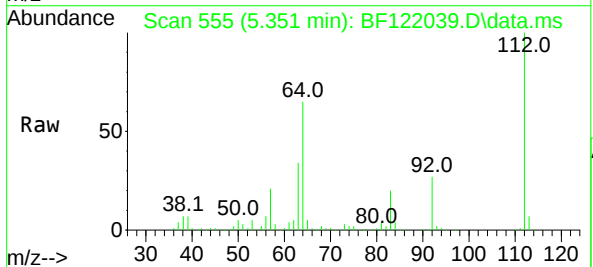
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

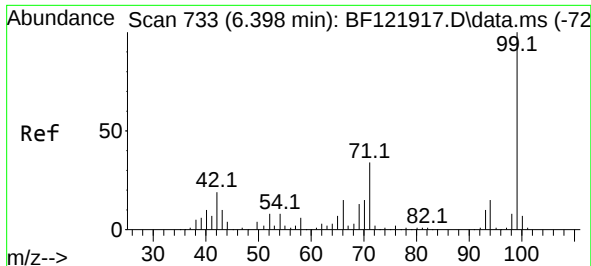
Tgt Ion:152 Resp: 100876
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 63.2 51.9 77.9



#5
2-Fluorophenol
Concen: 109.91 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:112 Resp: 751183
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 33.7 25.8 38.6

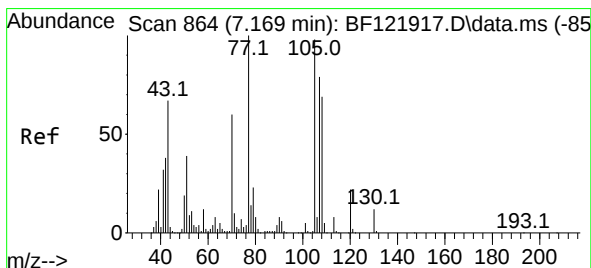
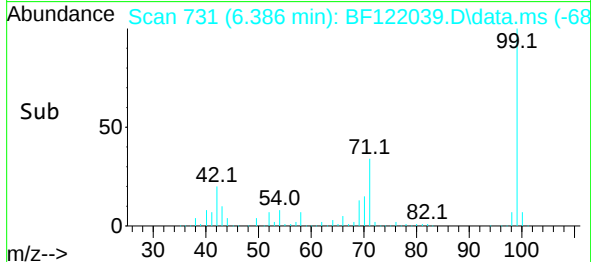
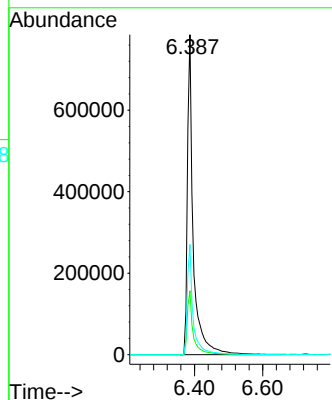
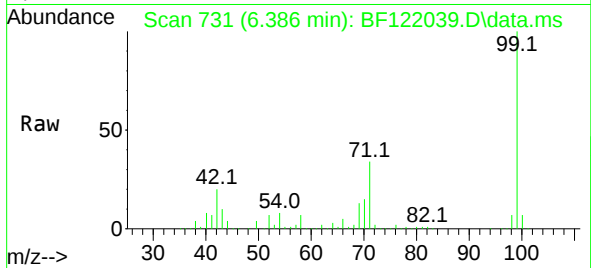




#7
Phenol-d6
Concen: 106.94 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

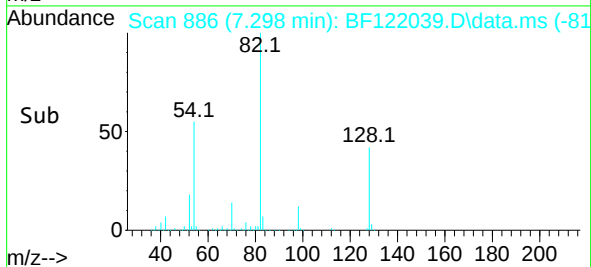
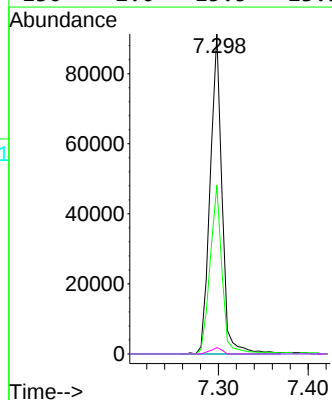
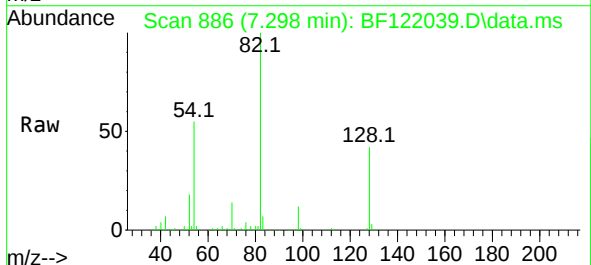
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

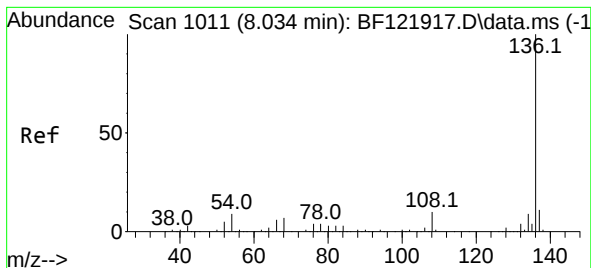
Tgt Ion: 99 Resp: 940914
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.80 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion: 70 Resp: 84135
Ion Ratio Lower Upper
70 100
42 52.7 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

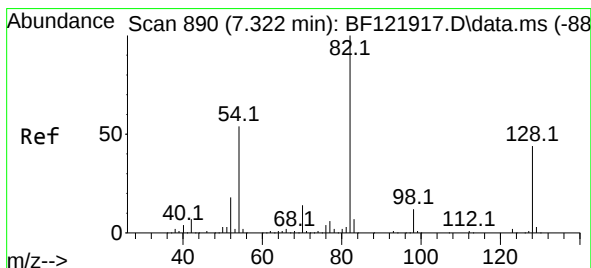
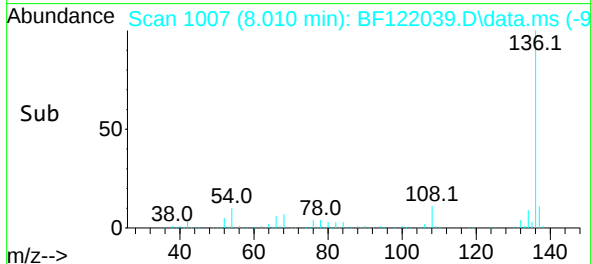
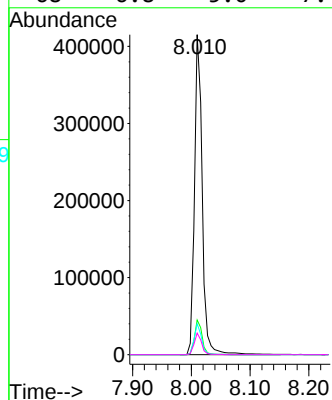
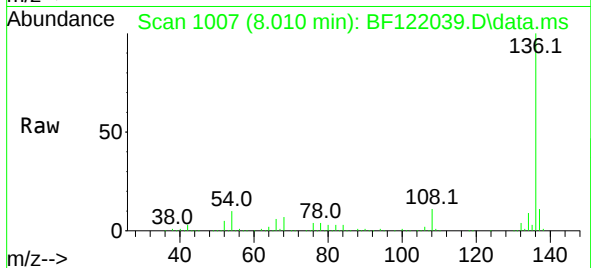




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

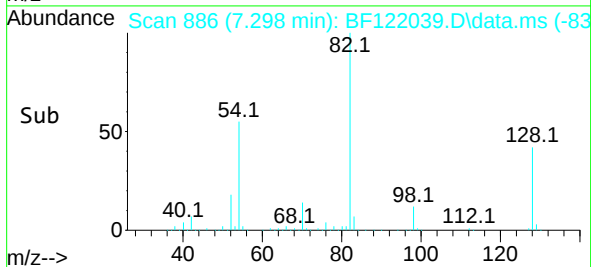
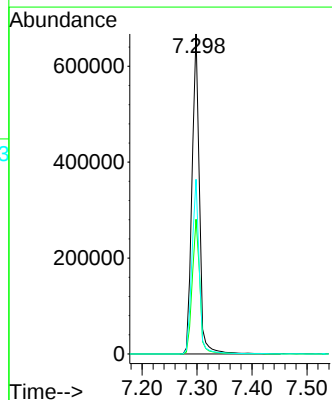
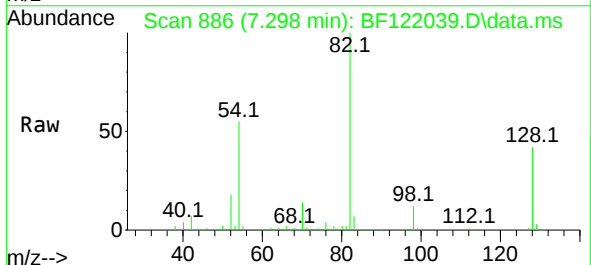
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

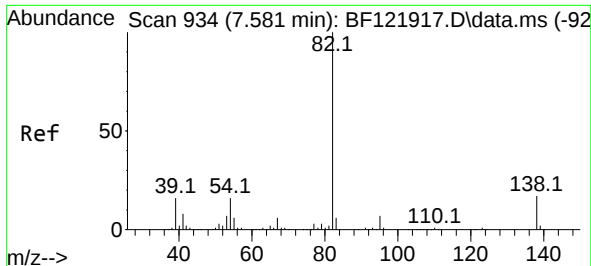
Tgt Ion:136 Resp: 382337
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.1 10.7
68 6.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 83.95 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion: 82 Resp: 625847
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 54.6 43.9 65.9

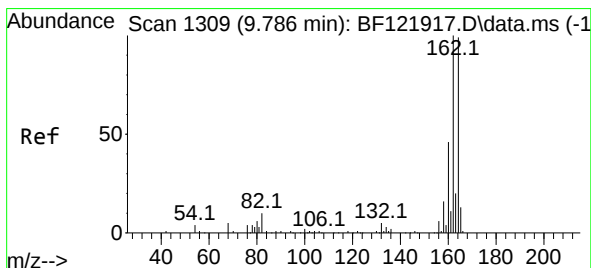
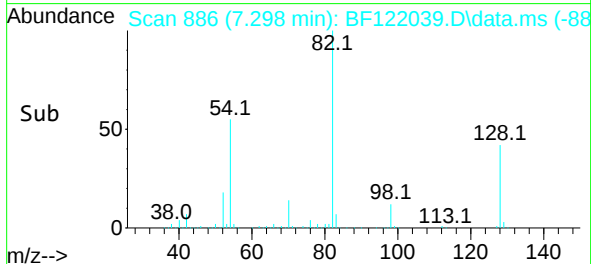
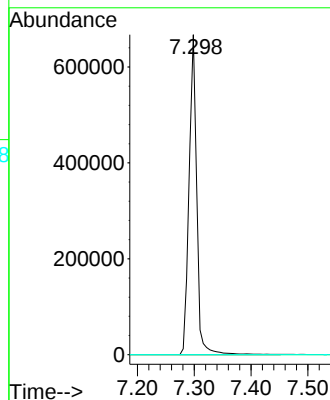
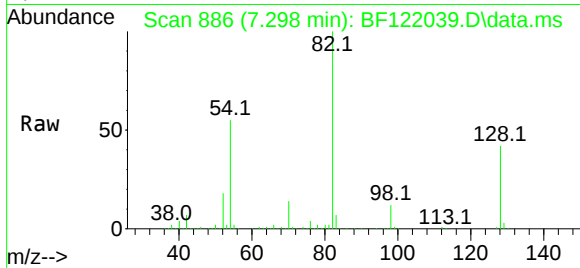




#25
Isophorone
Concen: 44.40 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

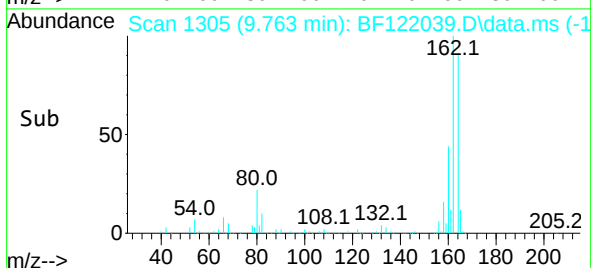
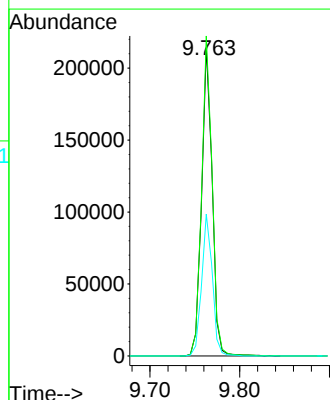
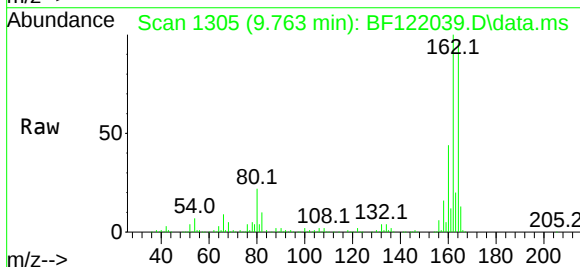
Instrument :
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ClientSampleId :
WCS-OH-F1-5.0-10.0

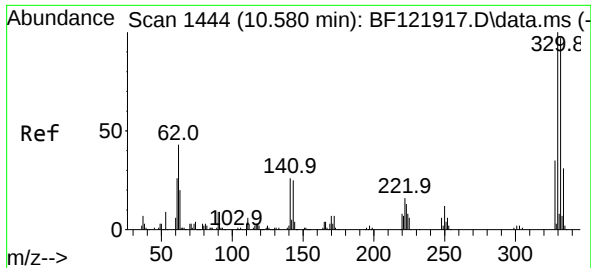
Tgt Ion: 82 Resp: 625841
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion: 164 Resp: 175723
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 46.0 37.5 56.3

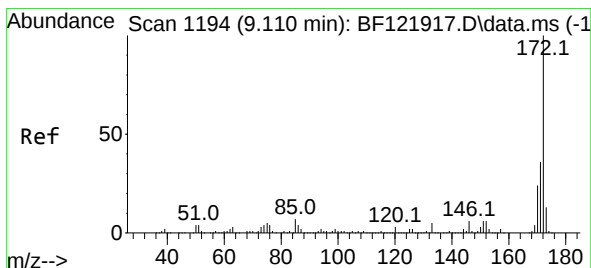
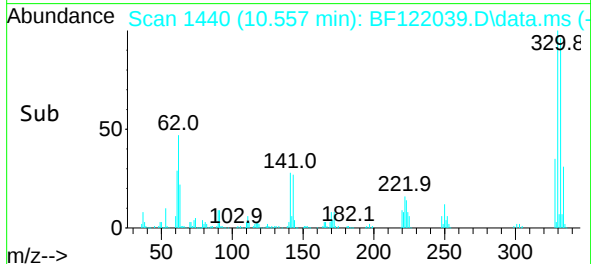
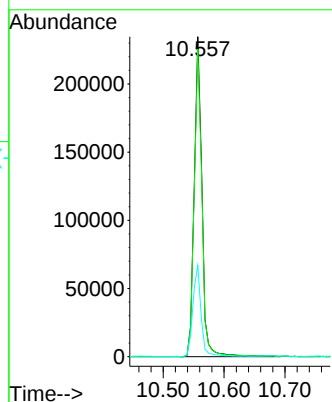
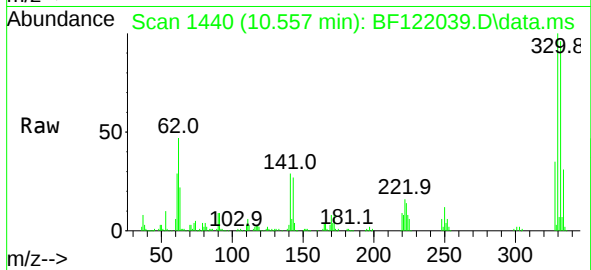




#42
2,4,6-Tribromophenol
Concen: 94.98 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

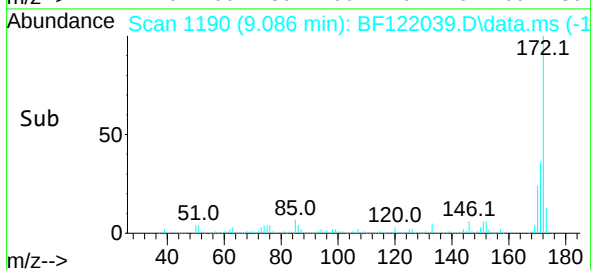
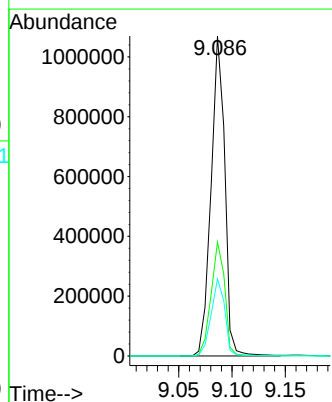
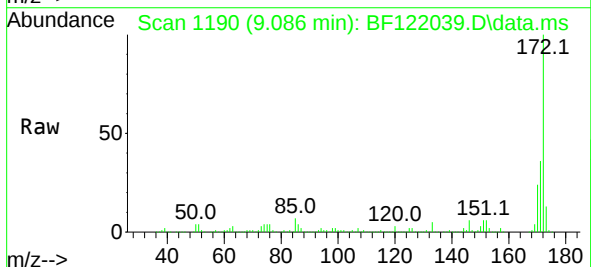
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ClientSampleId :
WCS-OH-F1-5.0-10.0

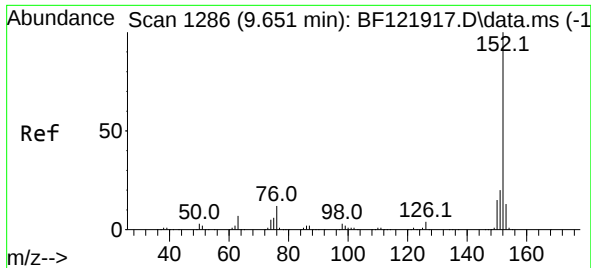
Tgt Ion:330 Resp: 206458
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 80.74 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:172 Resp: 964226
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.1 19.8 29.6

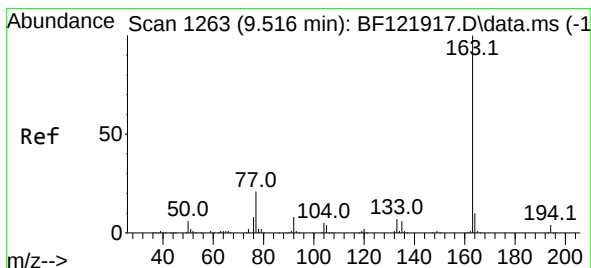
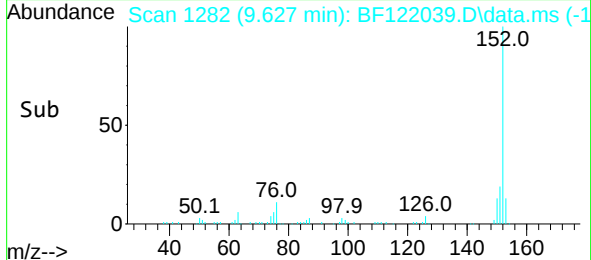
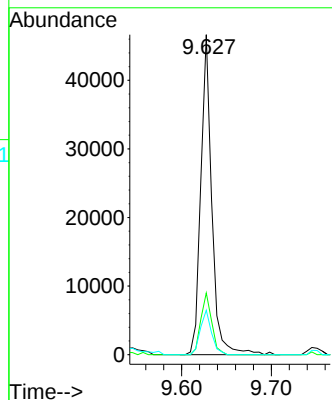
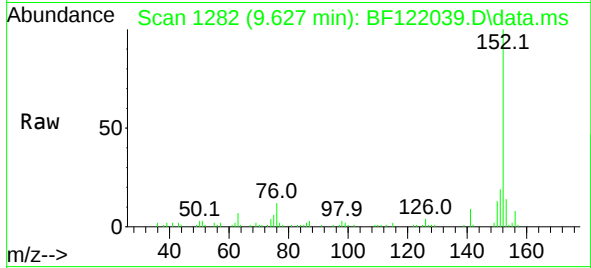




#49
Acenaphthylene
Concen: 2.34 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

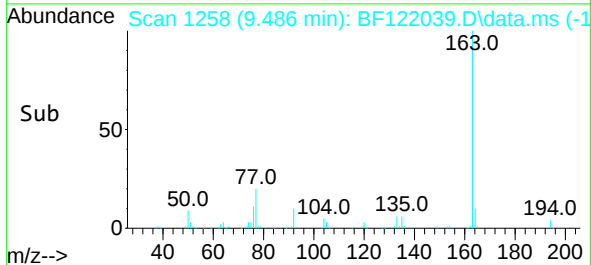
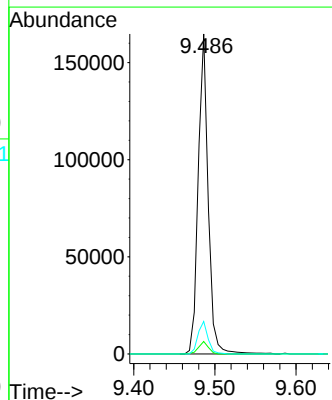
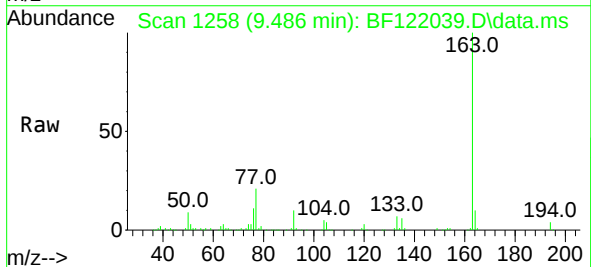
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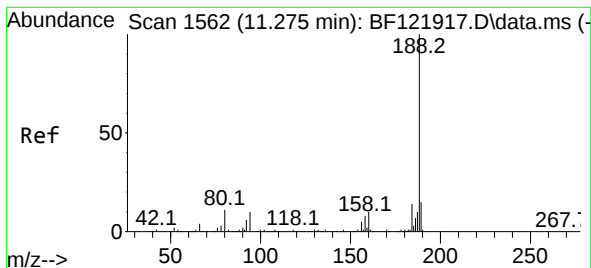
Tgt Ion:152	Resp:	39871
Ion Ratio	Lower	Upper
152	100	
151	19.3	16.4 24.6
153	13.9	10.6 15.8



#50
Dimethylphthalate
Concen: 10.99 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:163	Resp:	141174
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.3 4.9
164	10.2	8.2 12.4

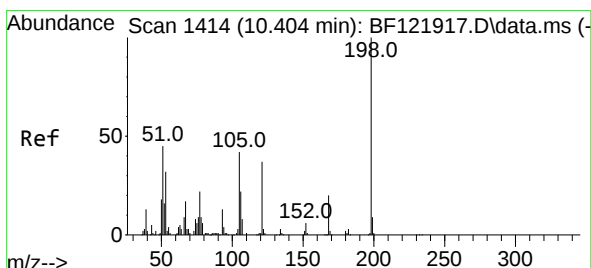
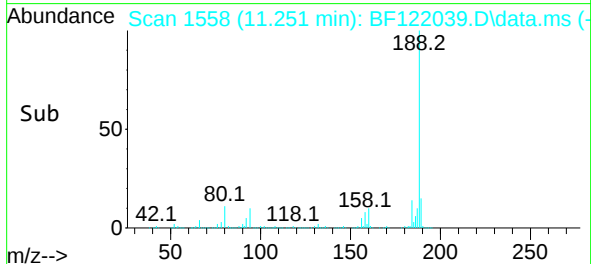
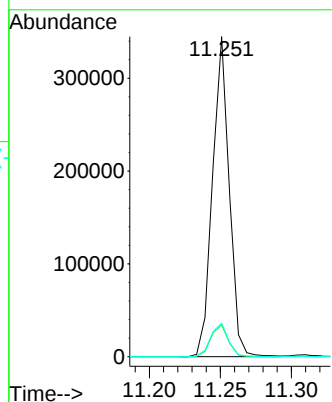
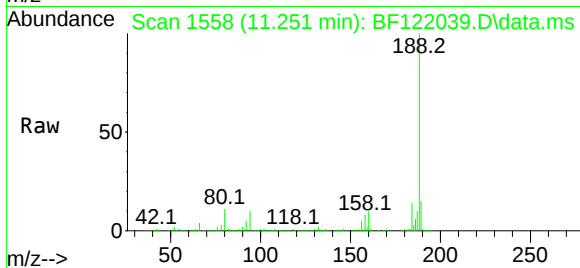




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

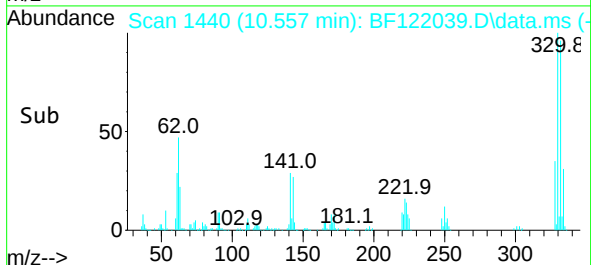
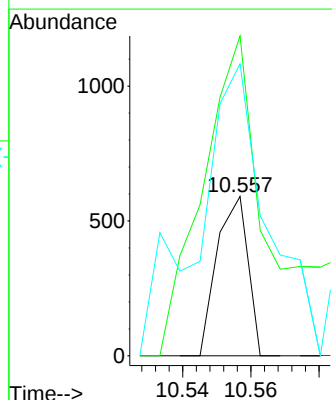
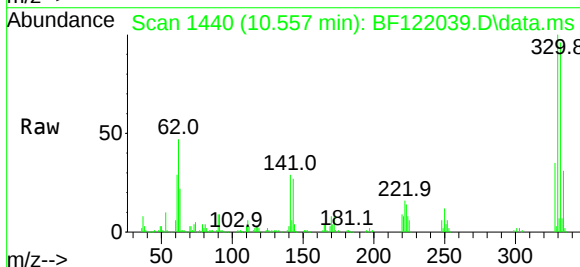
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

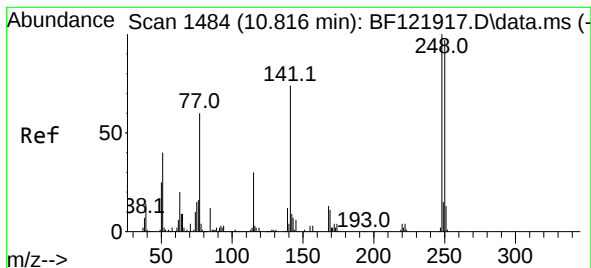
Tgt Ion:188 Resp: 282798
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.159 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:198 Resp: 371
Ion Ratio Lower Upper
198 100
51 200.7 29.6 69.6#
105 183.2 24.4 64.4#

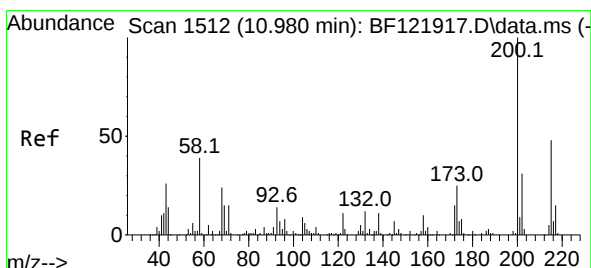
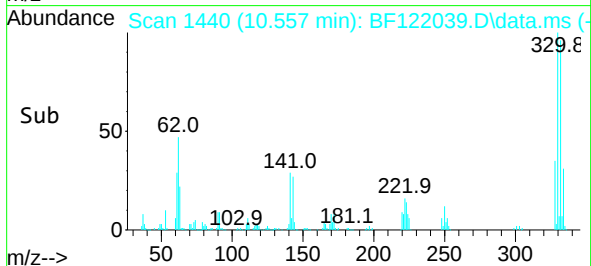
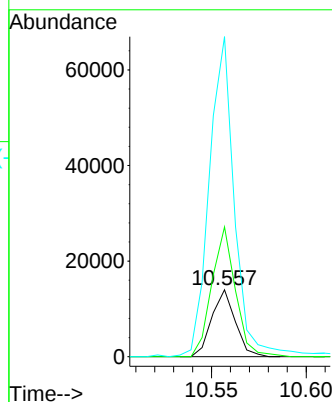
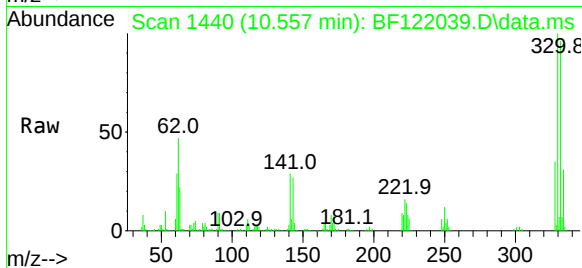




#67
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

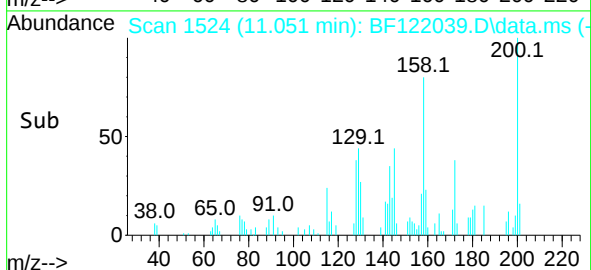
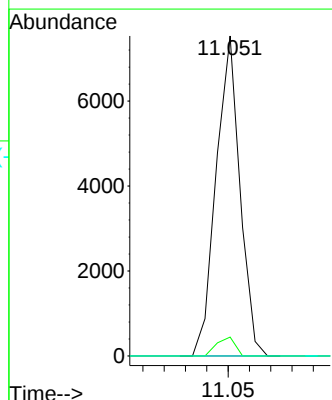
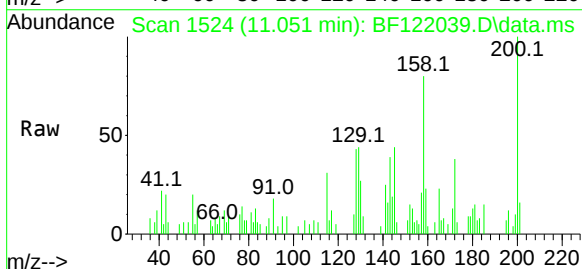
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

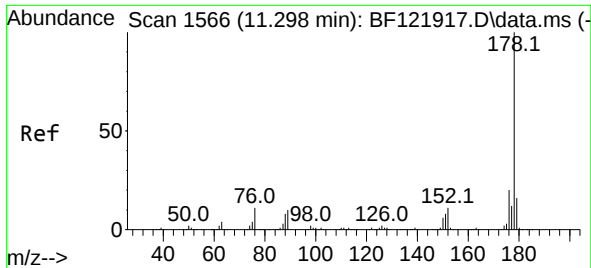
Tgt Ion:248 Resp: 12109
Ion Ratio Lower Upper
248 100
250 194.0 77.0 115.6#
141 478.6 53.7 80.5#



#69
Atrazine
Concen: 2.45 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.082 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:200 Resp: 5846
Ion Ratio Lower Upper
200 100
173 5.9 7.5 47.5#
215 0.0 27.1 67.1#

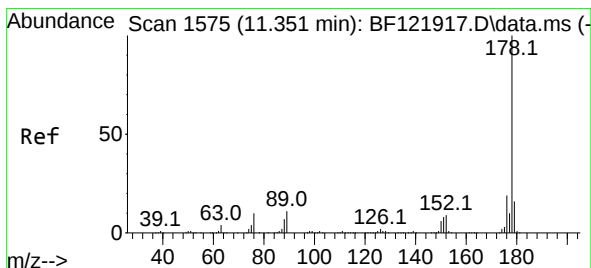
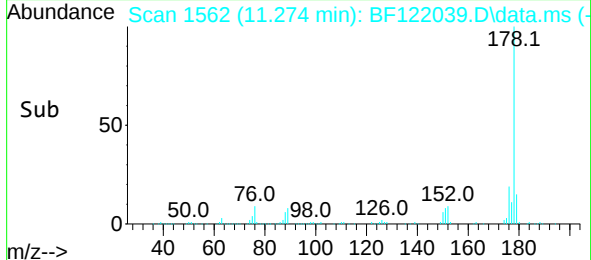
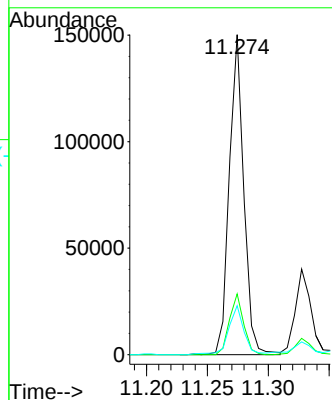
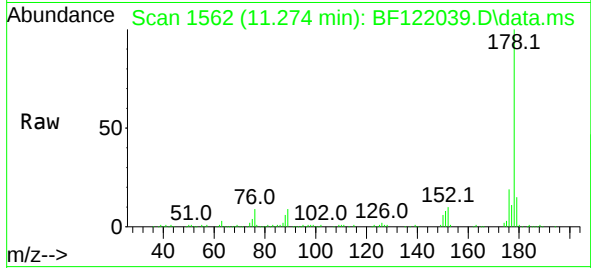




#71
Phenanthrene
Concen: 8.01 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

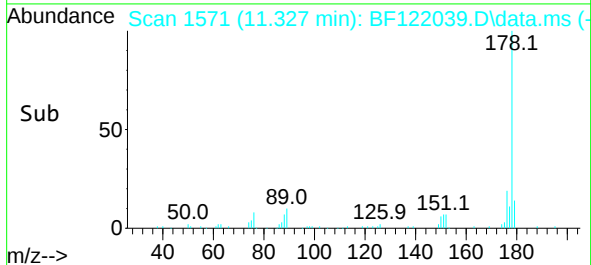
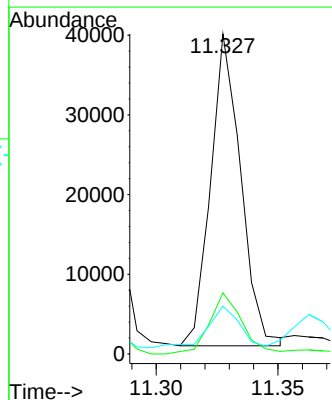
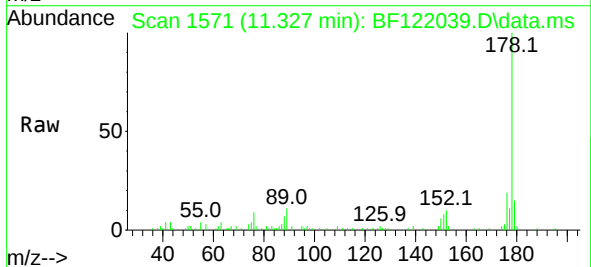
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

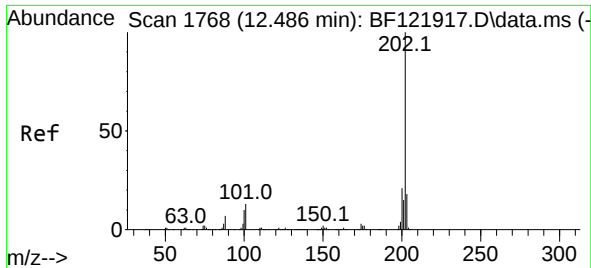
Tgt Ion:178 Resp: 124131
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.3 12.2 18.4



#72
Anthracene
Concen: 2.10 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:178 Resp: 33704
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.9 12.7 19.1

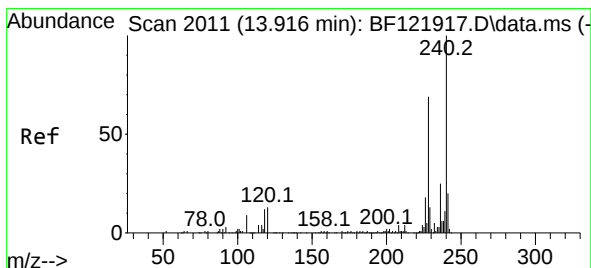
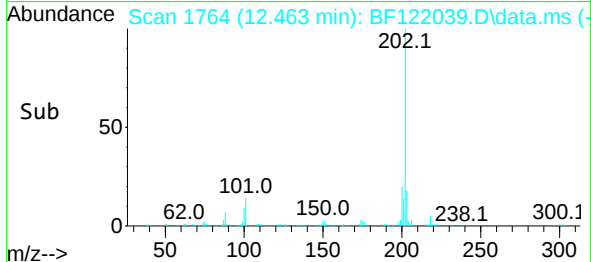
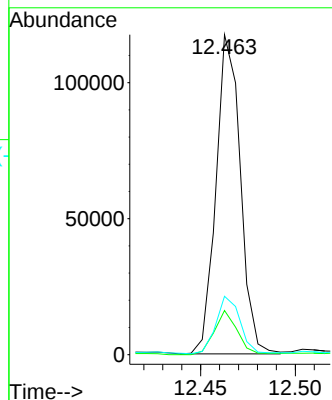
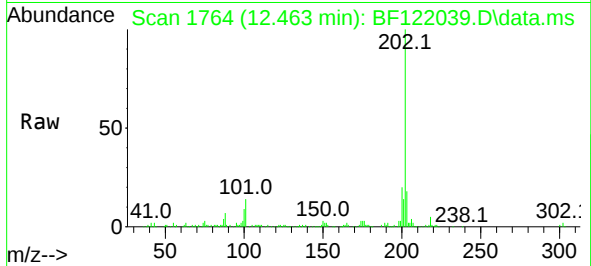




#75
Fluoranthene
Concen: 6.32 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

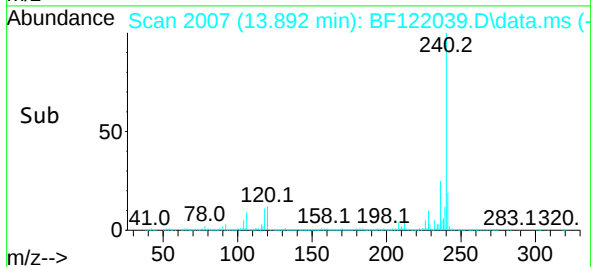
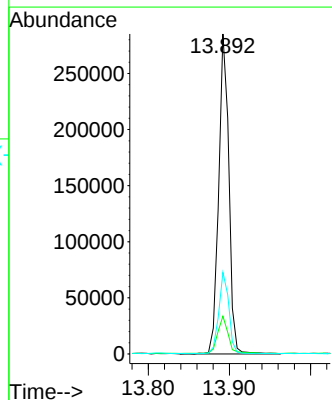
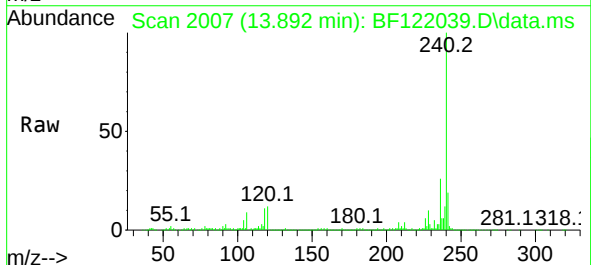
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

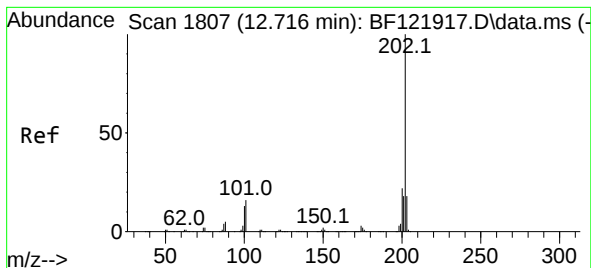
Tgt Ion:202 Resp: 105107
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.4
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:240 Resp: 248659
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.5 20.9 31.3





#78

Pyrene

Concen: 8.33 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.018 min

Lab File: BF122039.D

Acq: 20 Oct 2020 20:11

Tgt Ion:202 Resp: 157772

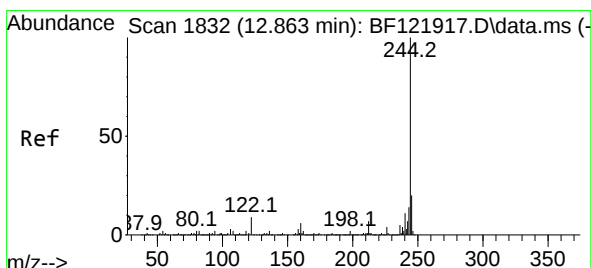
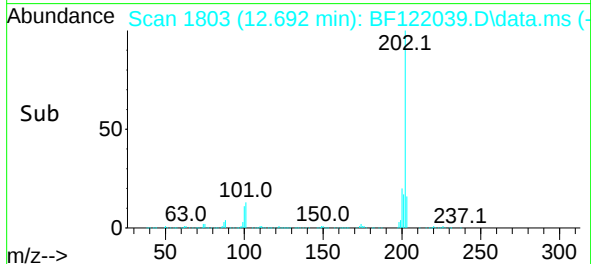
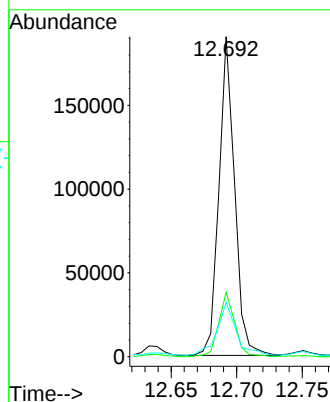
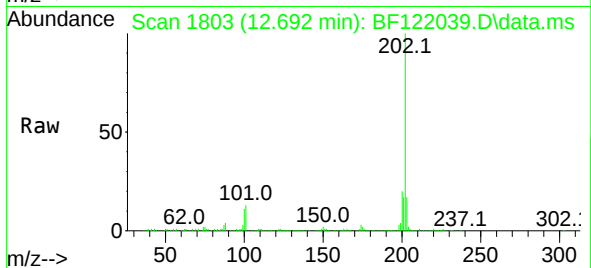
Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	16.9	14.6	21.8

Instrument :

BNA_F

ClientSampleId :

WCS-OH-F1-5.0-10.0



#79

Terphenyl-d14

Concen: 60.12 ng

RT: 12.833 min Scan# 1827

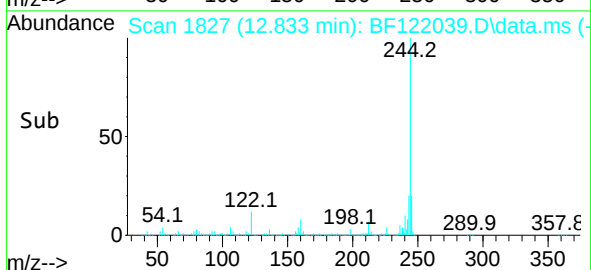
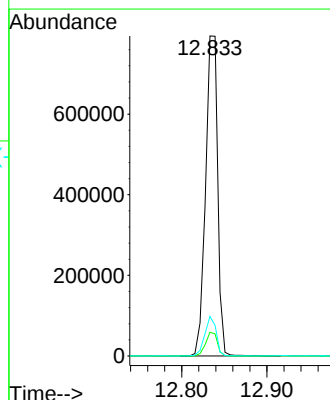
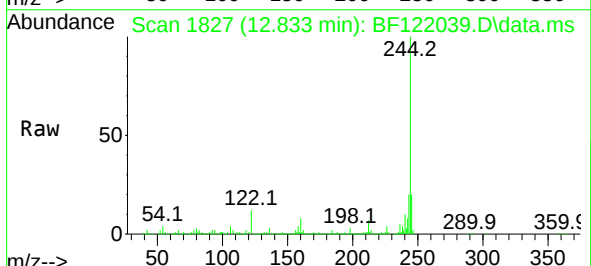
Delta R.T. -0.018 min

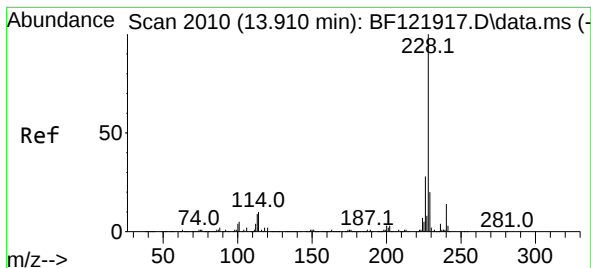
Lab File: BF122039.D

Acq: 20 Oct 2020 20:11

Tgt Ion:244 Resp: 784437

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	12.3	8.1	12.1#

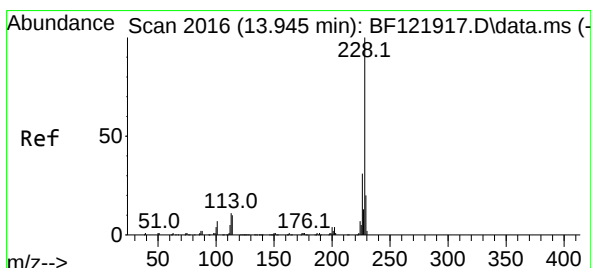
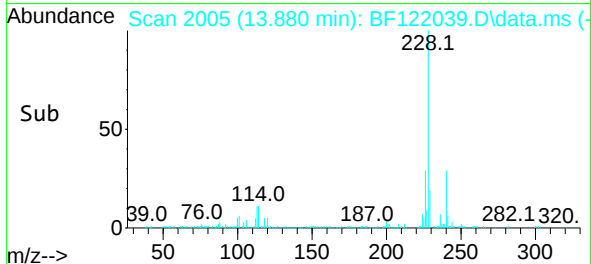
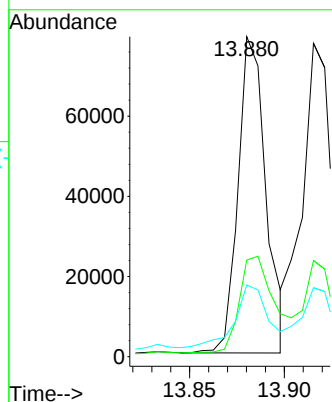
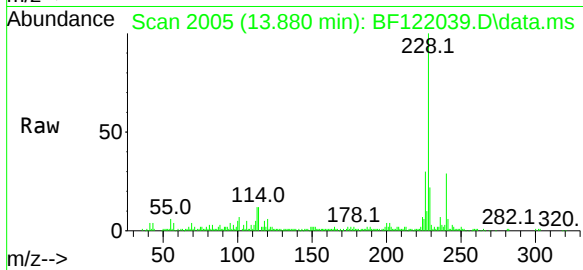




#81
Benzo(a)anthracene
Concen: 4.96 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

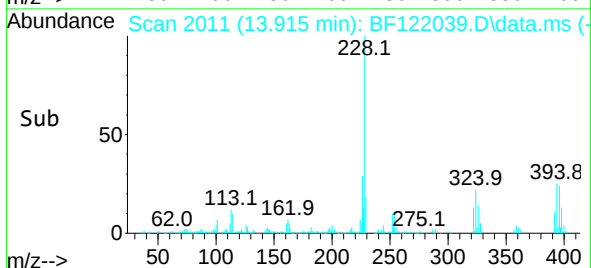
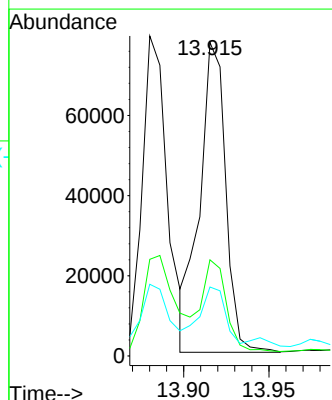
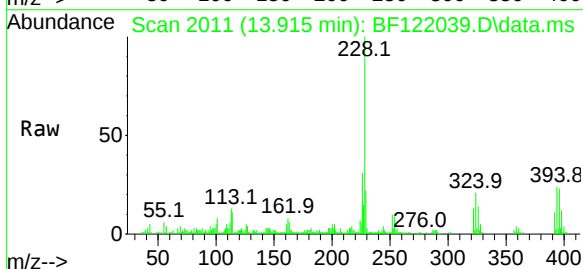
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

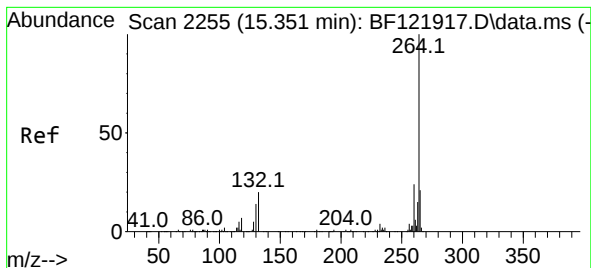
Tgt Ion:228 Resp: 80889
Ion Ratio Lower Upper
228 100
226 30.2 22.3 33.5
229 22.4 16.2 24.4



#83
Chrysene
Concen: 5.15 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:228 Resp: 82400
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.0 15.9 23.9

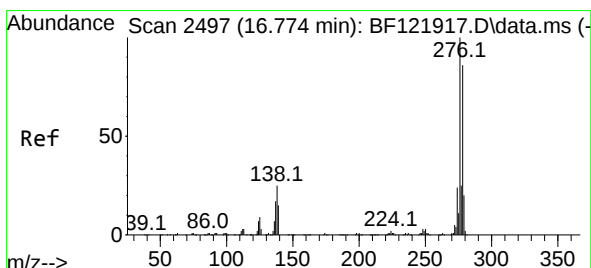
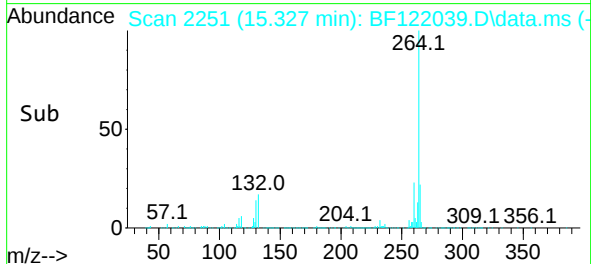
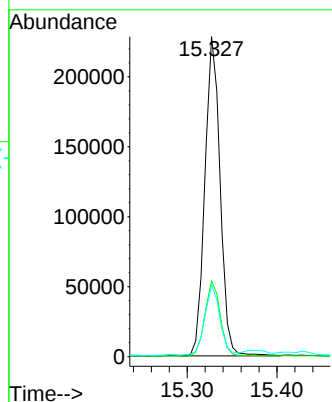
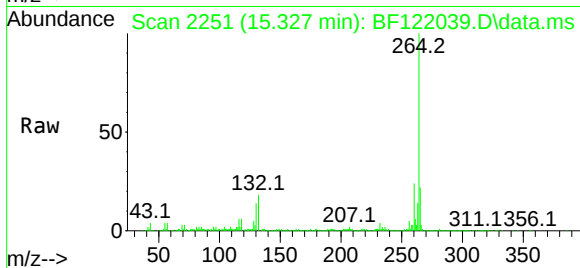




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

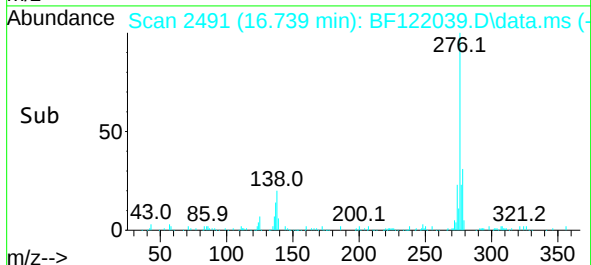
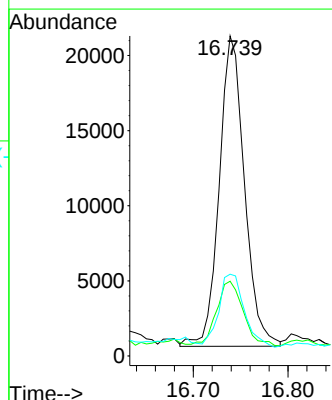
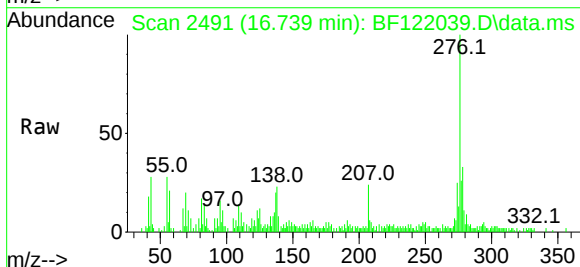
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

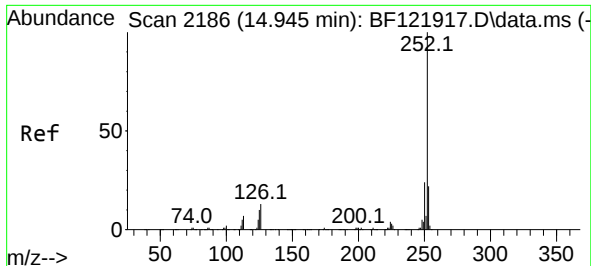
Tgt Ion:264 Resp: 269411
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.3 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng
RT: 16.739 min Scan# 2491
Delta R.T. -0.023 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:276 Resp: 38325
Ion Ratio Lower Upper
276 100
138 22.1 19.9 29.9
277 23.8 20.4 30.6

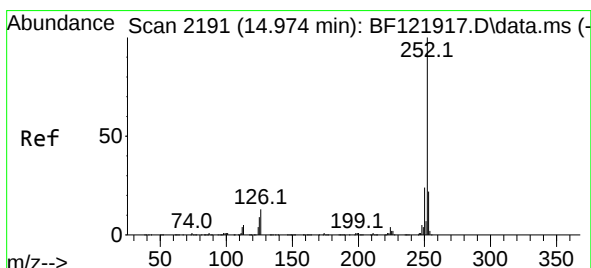
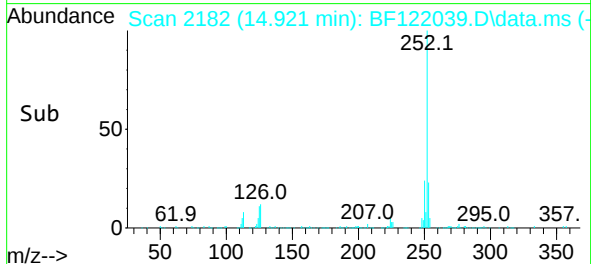
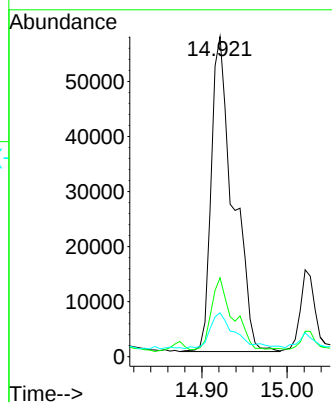
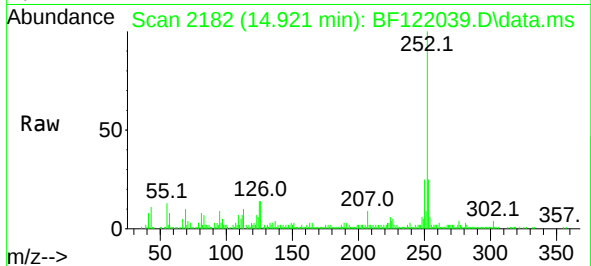




#88
Benzo(b)fluoranthene
Concen: 5.63 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

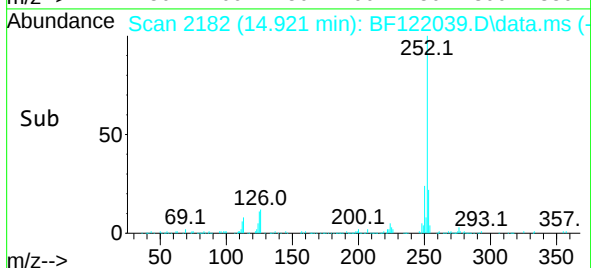
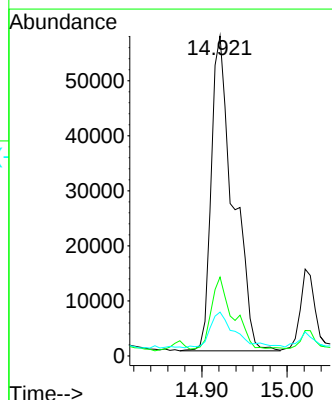
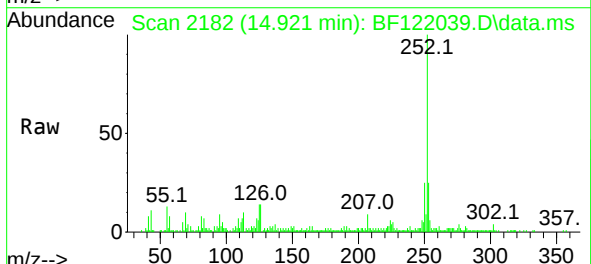
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

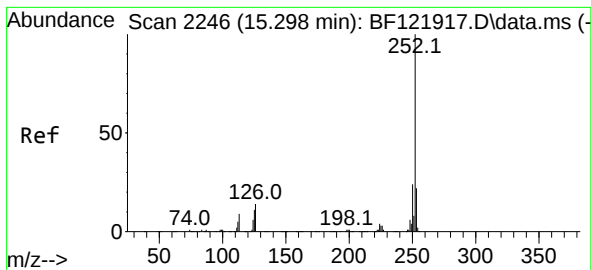
Tgt Ion:252 Resp: 102574
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 13.7 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 5.93 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.041 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:252 Resp: 102574
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 13.7 7.7 11.5#

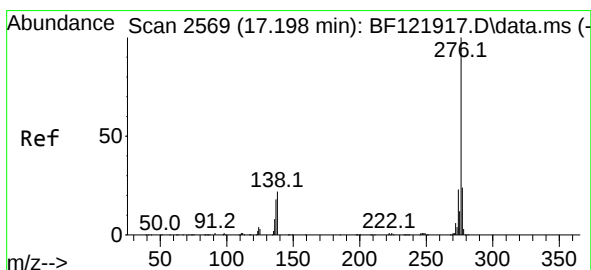
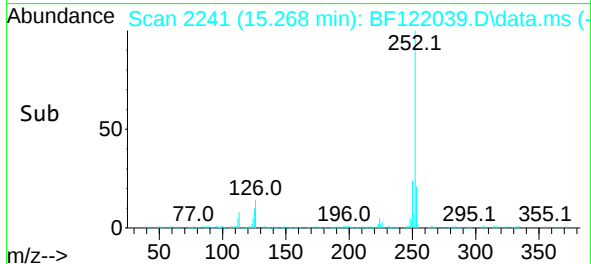
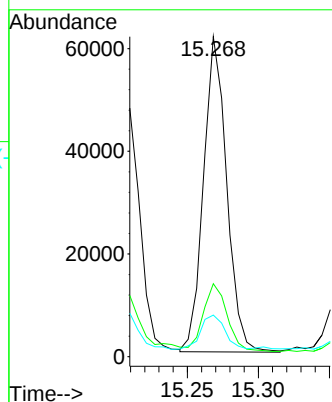
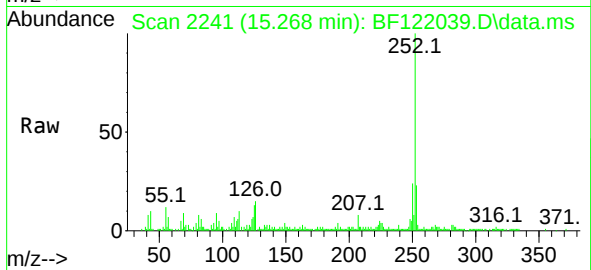




#90
Benzo(a)pyrene
Concen: 4.45 ng
RT: 15.268 min Scan# 2241
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

Tgt Ion:252 Resp: 69994
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.0 8.6 13.0#



#92
Benzo(g,h,i)perylene
Concen: 2.83 ng
RT: 17.168 min Scan# 2564
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:276 Resp: 40748
Ion Ratio Lower Upper
276 100
277 26.4 19.4 29.2
138 25.3 17.8 26.6

