

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122060.D
 Acq On : 21 Oct 2020 17:44
 Operator : JU/CG
 Sample : L4467-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Manual Integrations
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Quant Time: Oct 21 18:14:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102120.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	6.722	152	115480	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	458488	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	230738	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	381617	20.00	ng	0.00
76) Chrysene-d12	13.886	240	247206	20.00	ng	0.00
86) Perylene-d12	15.315	264	257188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	673558	86.09	ng	0.00
7) Phenol-d6	6.375	99	851443	84.53	ng	0.00
23) Nitrobenzene-d5	7.298	82	590126	66.01	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	240833	84.38	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1000412	63.79	ng	0.00
79) Terphenyl-d14	12.827	244	852251	65.70	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.622	152	86813	3.87	ng	98
50) Dimethylphthalate	9.480	163	130398	7.73	ng	100
52) Acenaphthene	9.792	154	44380	3.33	ng	99
55) Dibenzofuran	9.963	168	56801	2.91	ng	97
58) Fluorene	10.304	166	78775	5.02	ng	99
71) Phenanthrene	11.274	178	923202	44.12	ng	99
72) Anthracene	11.321	178	284195	13.10	ng	98
73) Carbazole	11.480	167	87538	4.54	ng	98
75) Fluoranthene	12.468	202	1688068	75.24	ng	97
78) Pyrene	12.692	202	1388783	73.72	ng	100
81) Benzo(a)anthracene	13.880	228	858694	53.01	ng	98
83) Chrysene	13.915	228	715309	44.98	ng	98
87) Indeno(1,2,3-cd)pyrene	16.721	276	478529	28.66	ng	94
88) Benzo(b)fluoranthene	14.915	252	1042991m	59.99	ng	
89) Benzo(k)fluoranthene	14.933	252	336014m	20.35	ng	
90) Benzo(a)pyrene	15.262	252	730808	48.67	ng	97
91) Dibenzo(a,h)anthracene	16.721	278	132399m	9.63	ng	
92) Benzo(g,h,i)perylene	17.145	276	436687	31.73	ng	98

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

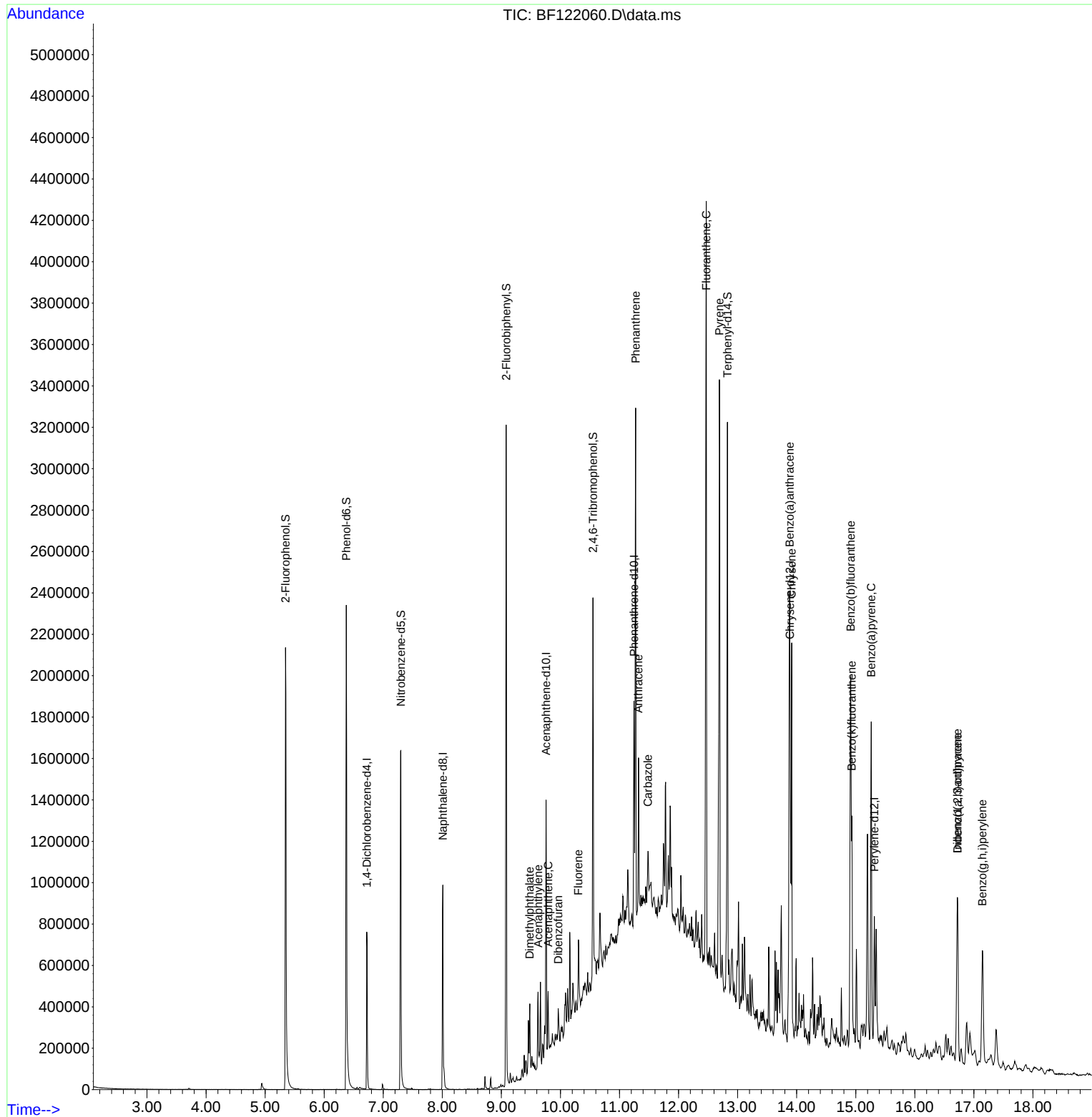
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122060.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
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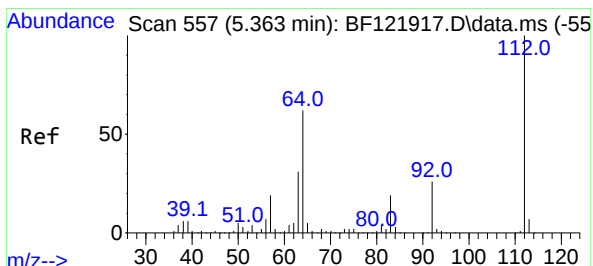
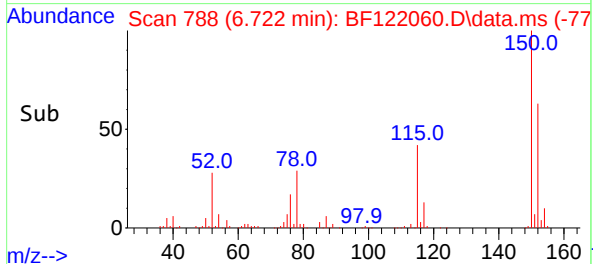
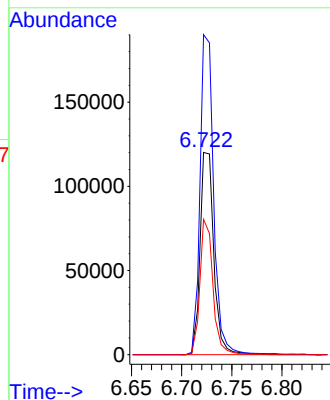
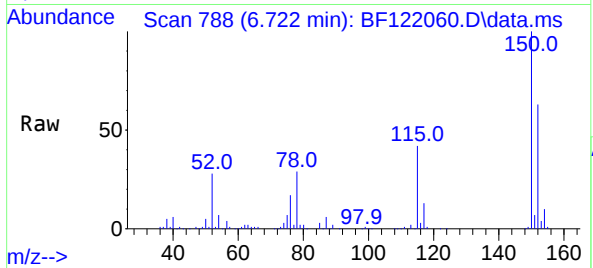
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion:152 Resp: 115480
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 66.9 51.9 77.9

Instrument :
BNA_F
ClientSampled :
357

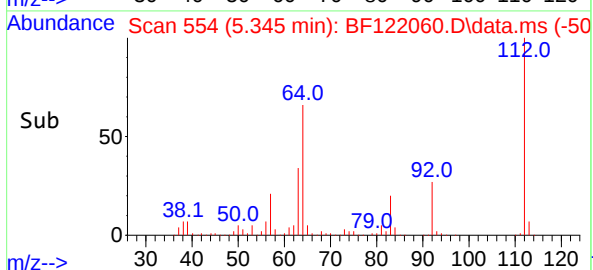
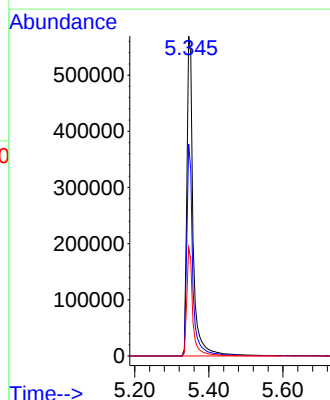
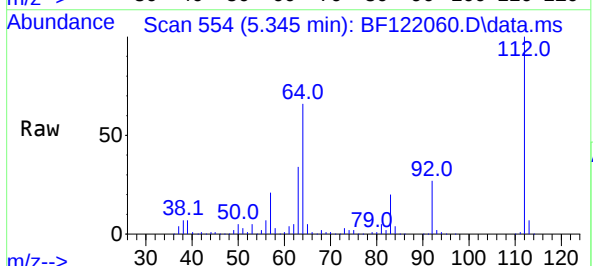
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#5
2-Fluorophenol
Concen: 86.09 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion:112 Resp: 673558
Ion Ratio Lower Upper
112 100
64 66.2 50.4 75.6
63 33.9 25.8 38.6





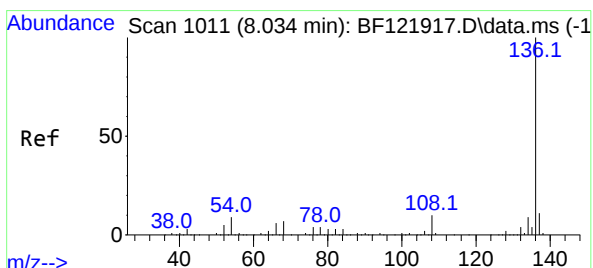
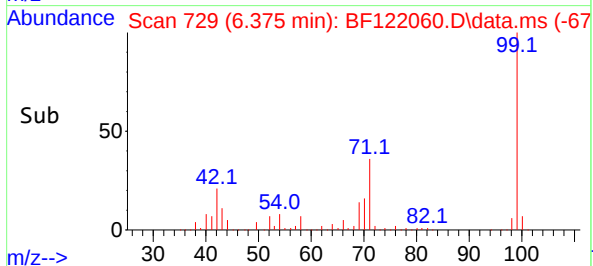
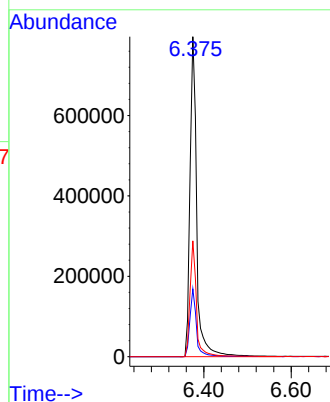
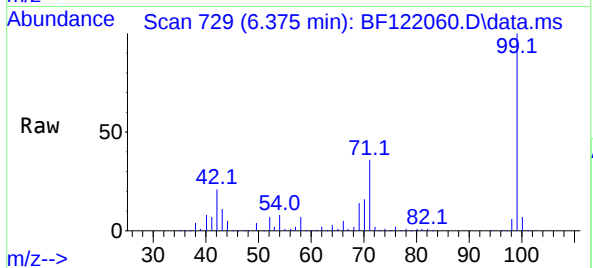
#7
Phenol-d6
Concen: 84.53 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion: 99 Resp: 851443
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 36.2 27.1 40.7

Instrument :
BNA_F
ClientSampled :
357

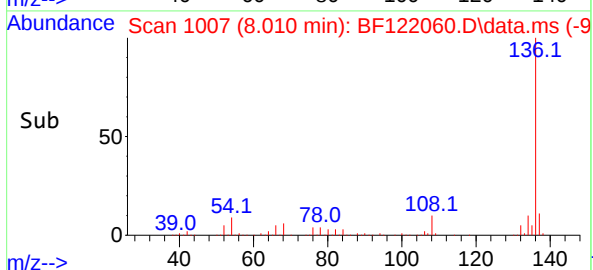
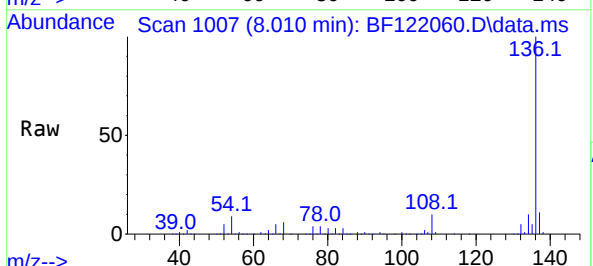
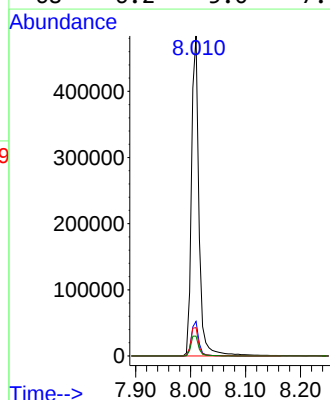
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion: 136 Resp: 458488
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.1 10.7
68 6.2 5.0 7.4





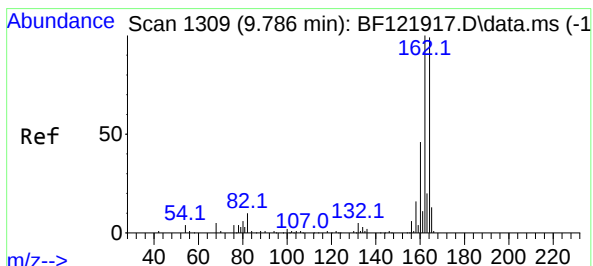
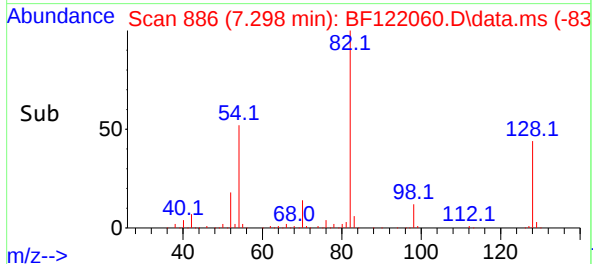
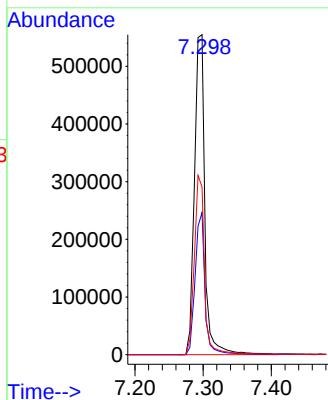
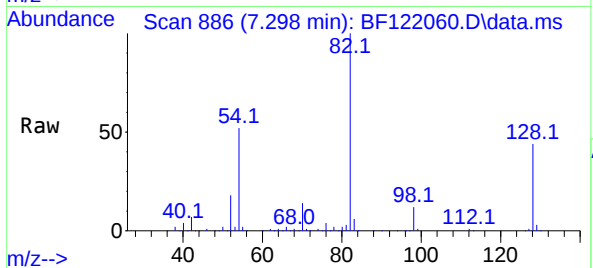
#23
Nitrobenzene-d5
Concen: 66.01 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion: 82 Resp: 590126
Ion Ratio Lower Upper
82 100
128 44.4 35.0 52.4
54 52.4 43.9 65.9

Instrument :
BNA_F
ClientSampled :
357

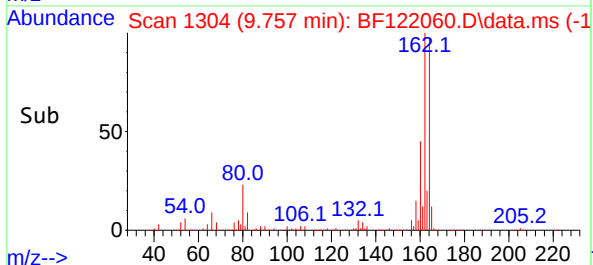
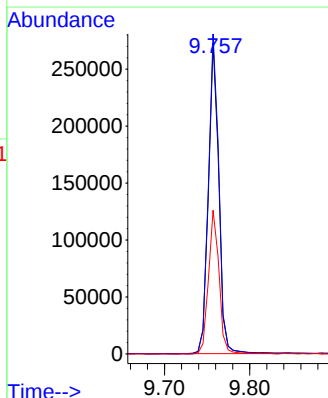
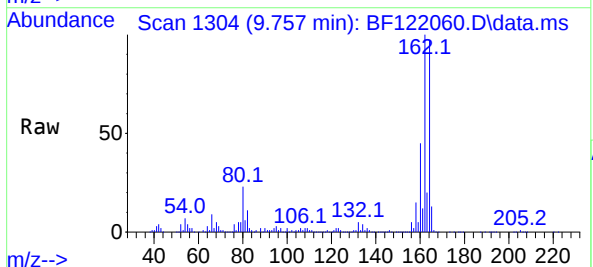
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

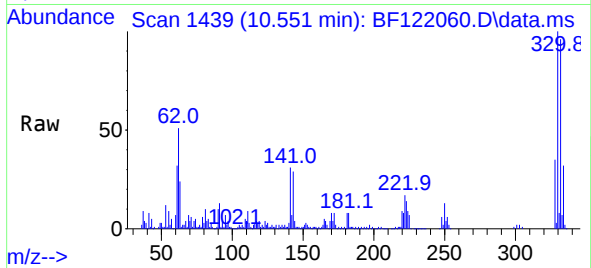
Tgt Ion: 164 Resp: 230738
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 46.2 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 84.38 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

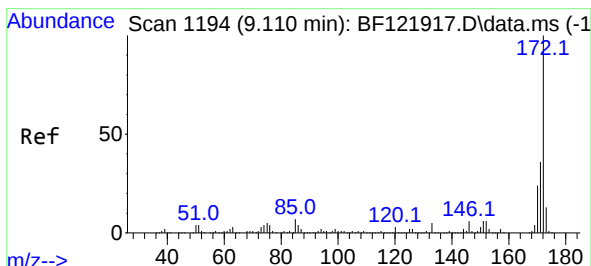
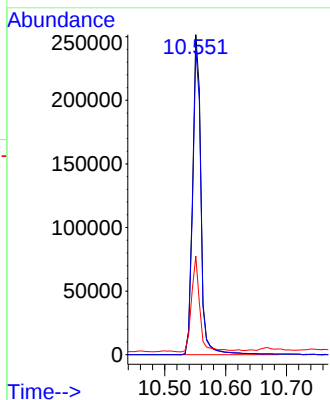
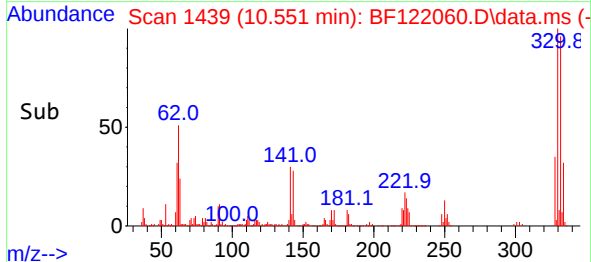
Instrument :
BNA_F
ClientSampled :
357



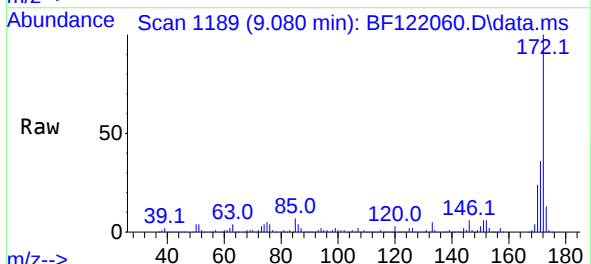
Tgt Ion:330 Resp: 240833
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 29.5 22.3 33.5

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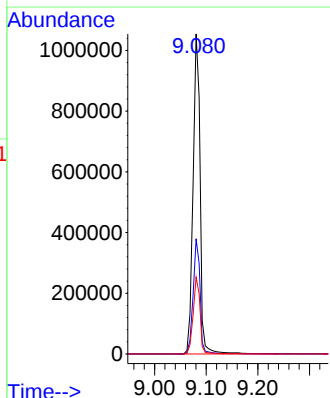
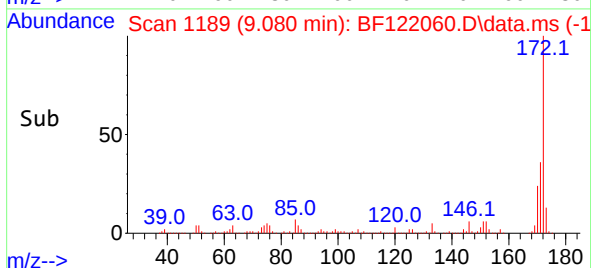
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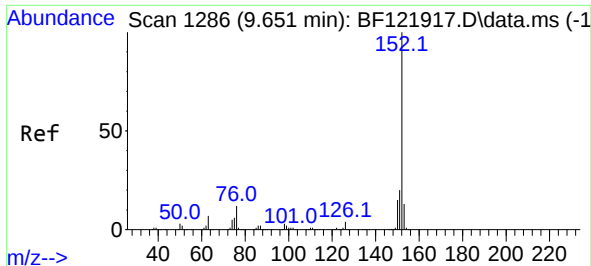


#45
2-Fluorobiphenyl
Concen: 63.79 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



Tgt Ion:172 Resp: 1000412
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.0 19.8 29.6





#49

Acenaphthylene

Concen: 3.87 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF122060.D

Acq: 21 Oct 2020 17:44

Tgt Ion:	152	Resp:	86813
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	14.7	10.6	15.8

Instrument :

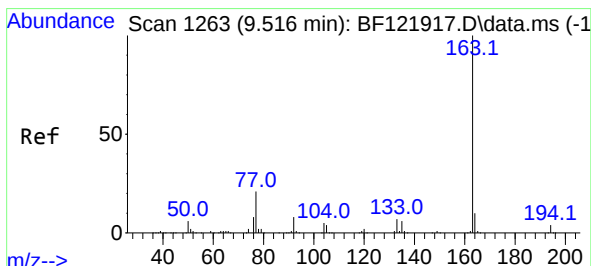
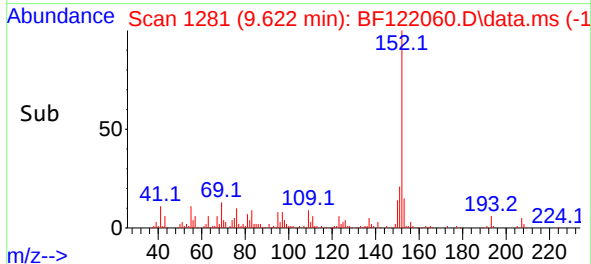
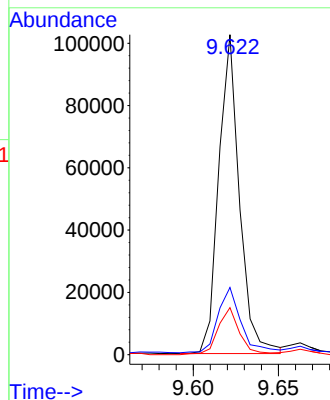
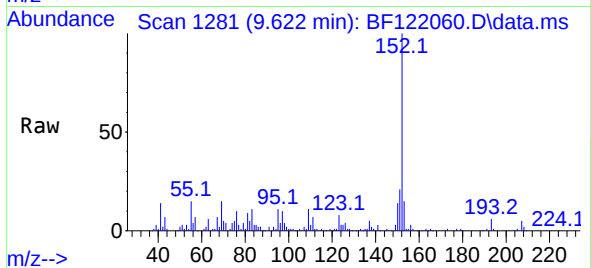
BNA_F

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#50

Dimethylphthalate

Concen: 7.73 ng

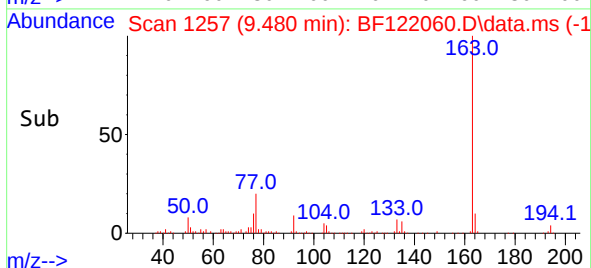
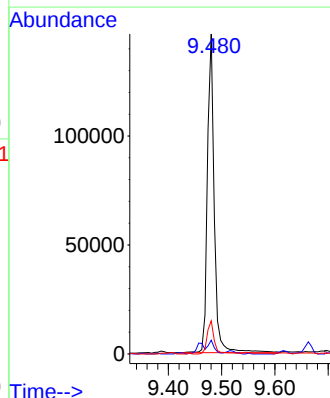
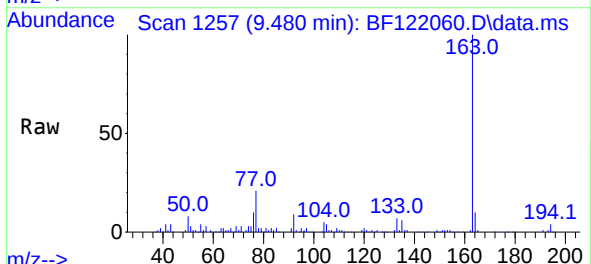
RT: 9.480 min Scan# 1257

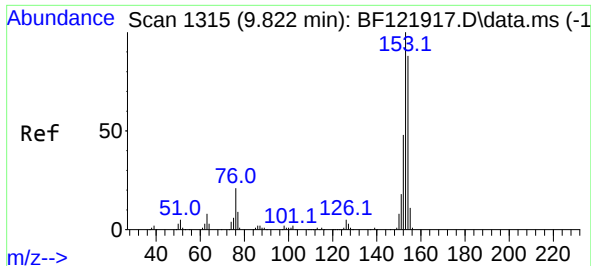
Delta R.T. -0.012 min

Lab File: BF122060.D

Acq: 21 Oct 2020 17:44

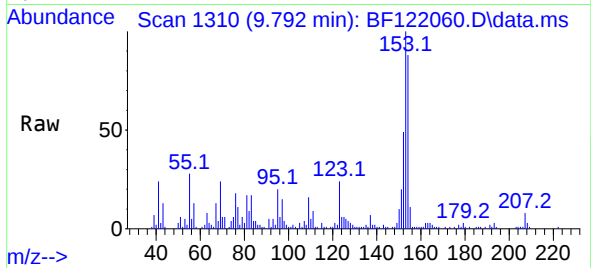
Tgt Ion:	163	Resp:	130398
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	10.3	8.2	12.4





#52
Acenaphthene
Concen: 3.33 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

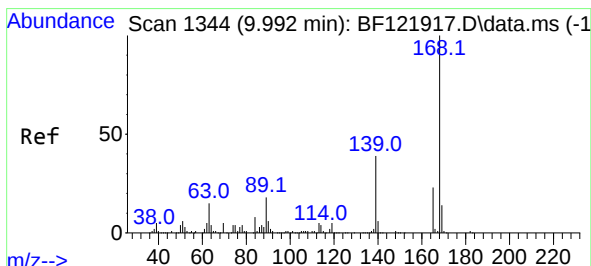
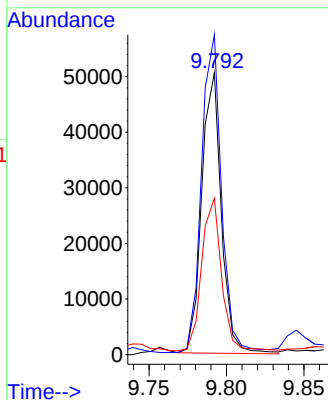
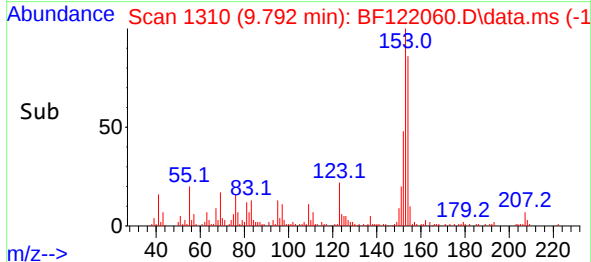
Instrument :
BNA_F
ClientSampled :
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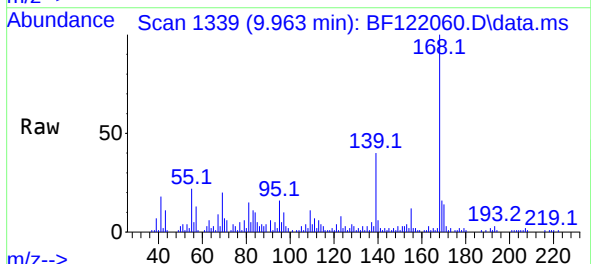
Tgt Ion:154 Resp: 44380
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.8
152 55.5 43.2 64.8

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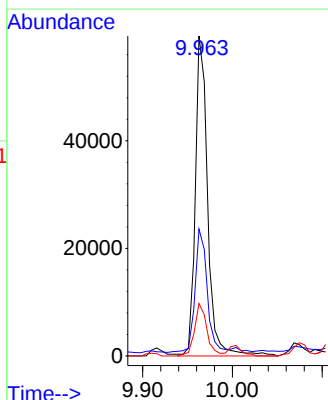
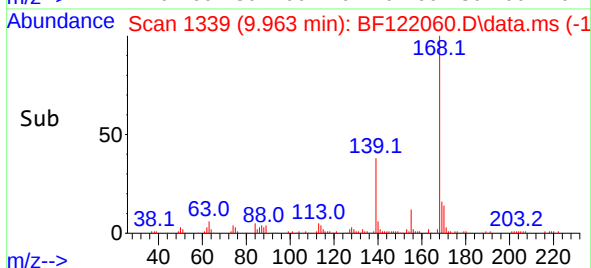
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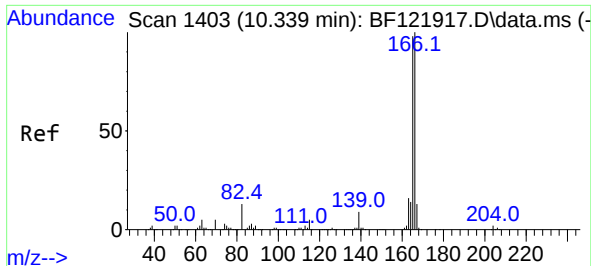


#55
Dibenzofuran
Concen: 2.91 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



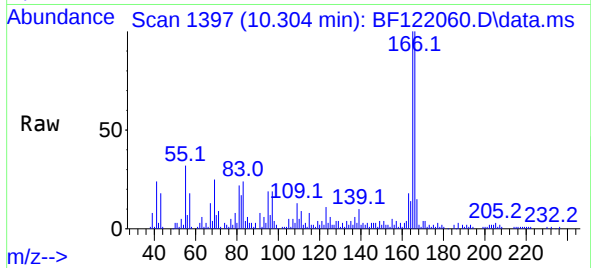
Tgt Ion:168 Resp: 56801
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 16.4 11.3 16.9





#58
Fluorene
Concen: 5.02 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

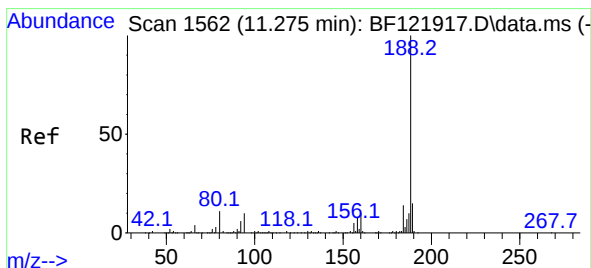
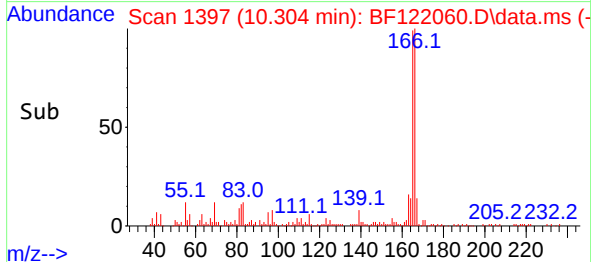
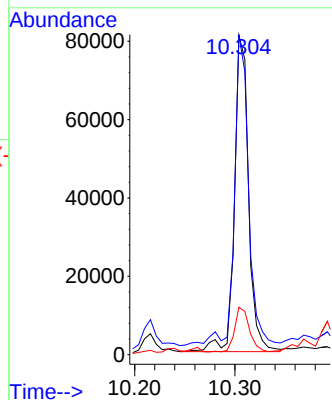
Instrument :
BNA_F
ClientSampled :
357



Tgt Ion:166 Resp: 78775
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 14.8 11.0 16.6

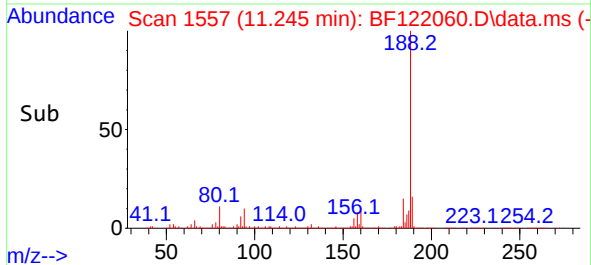
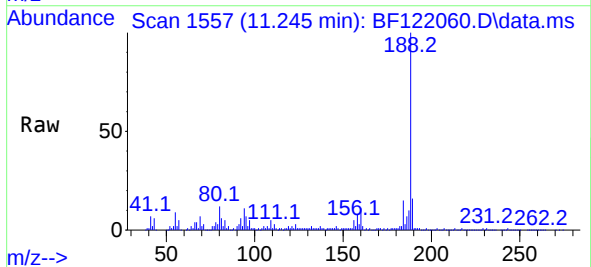
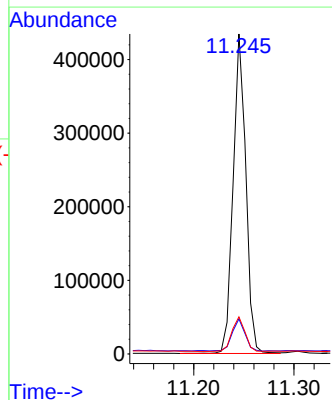
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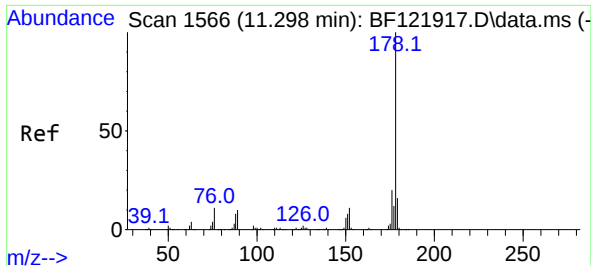
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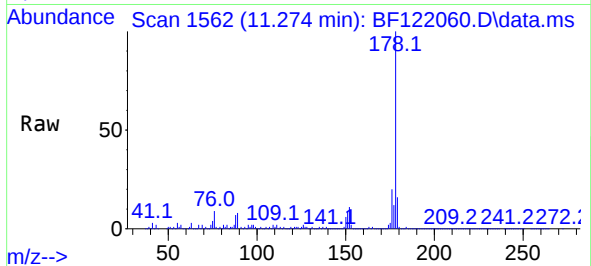
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion:188 Resp: 381617
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.6 9.1 13.7

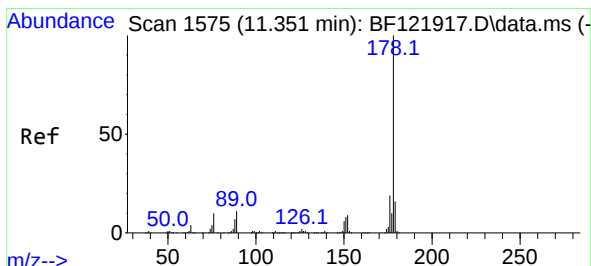
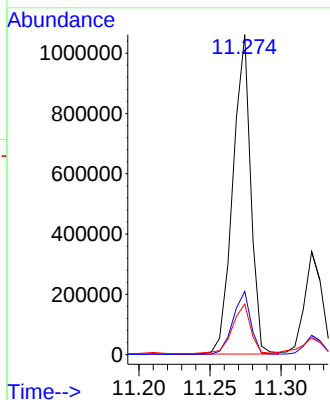
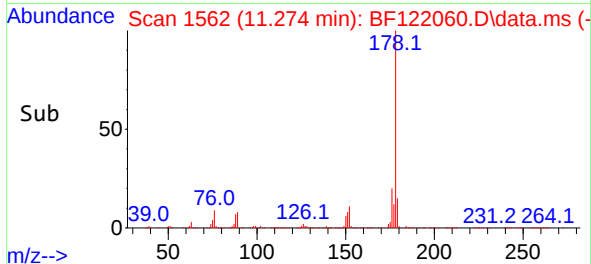




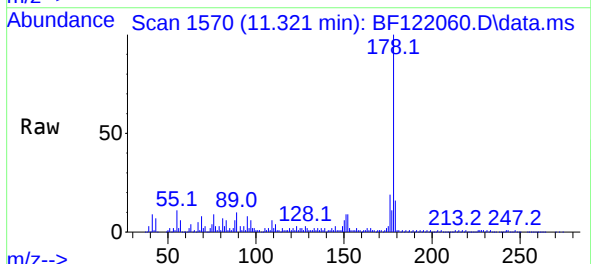
#71
Phenanthrene
Concen: 44.12 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



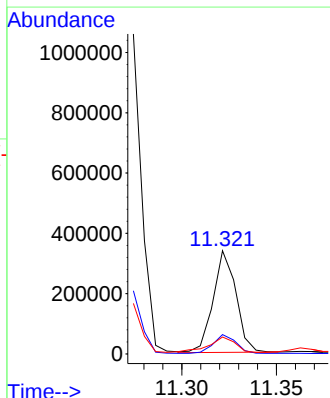
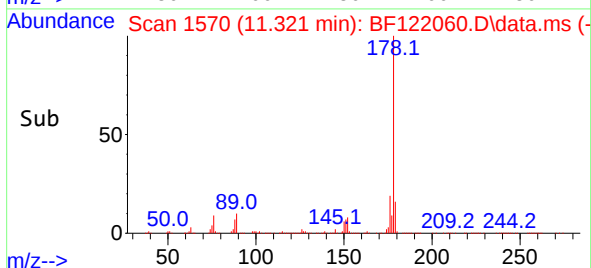
Tgt Ion:178 Resp: 923202
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.2 18.4



#72
Anthracene
Concen: 13.10 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



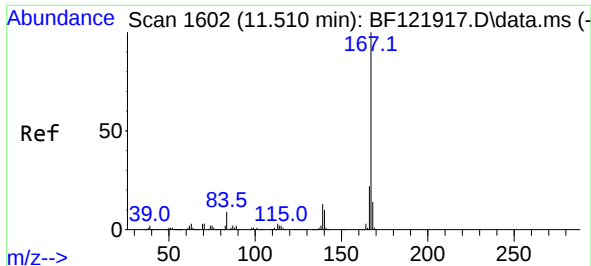
Tgt Ion:178 Resp: 284195
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 16.4 12.7 19.1



Instrument :
BNA_F
ClientSampled :
357

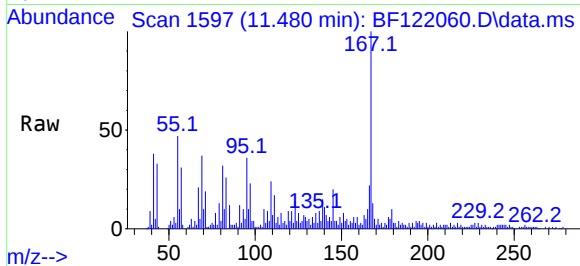
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#73
 Carbazole
 Concen: 4.54 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF122060.D
 Acq: 21 Oct 2020 17:44

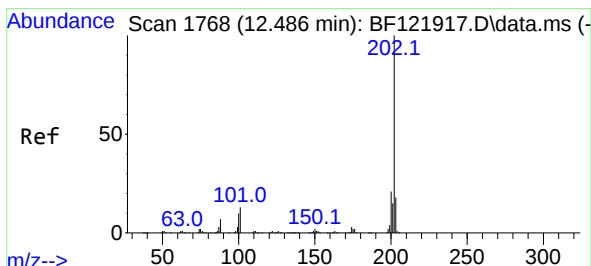
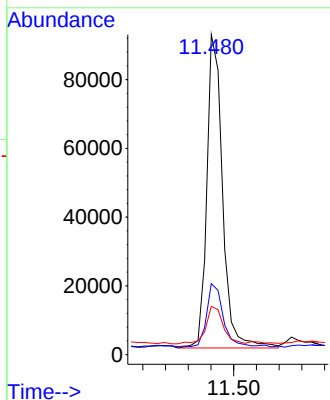
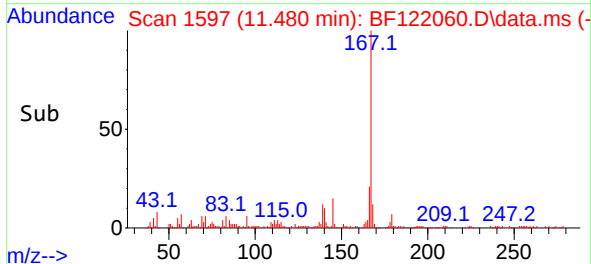
Instrument :
 BNA_F
 ClientSampled :
 357



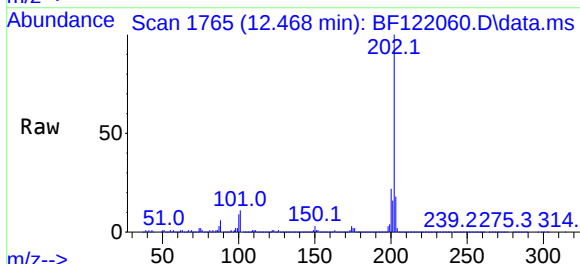
Tgt Ion:167 Resp: 87538
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 15.1 10.8 16.2

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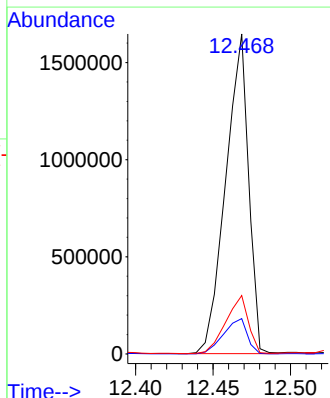
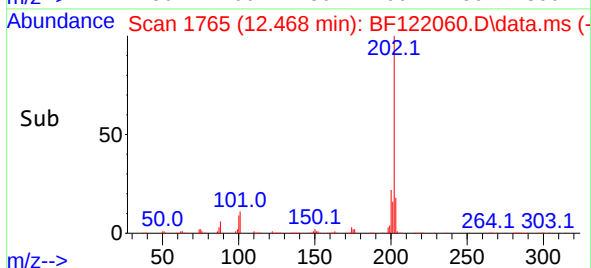
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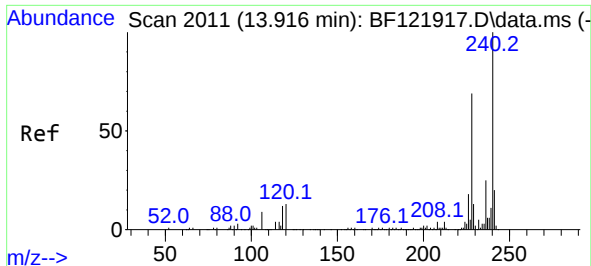


#75
 Fluoranthene
 Concen: 75.24 ng
 RT: 12.468 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: BF122060.D
 Acq: 21 Oct 2020 17:44



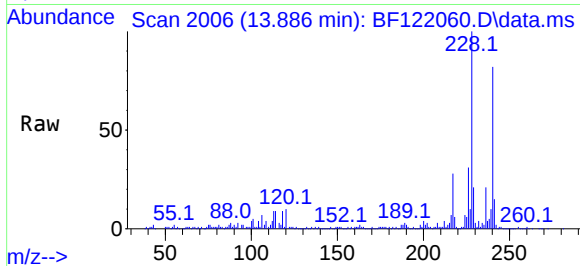
Tgt Ion:202 Resp: 1688068
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 33.4
 203 18.3 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

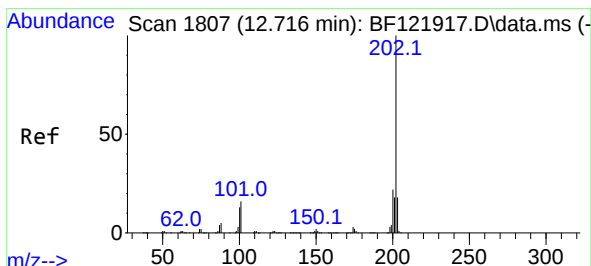
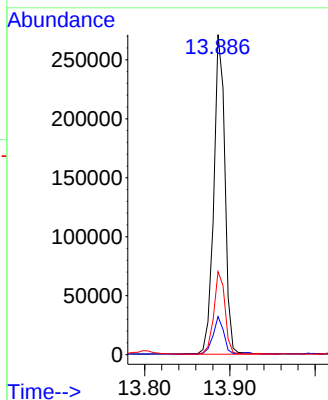
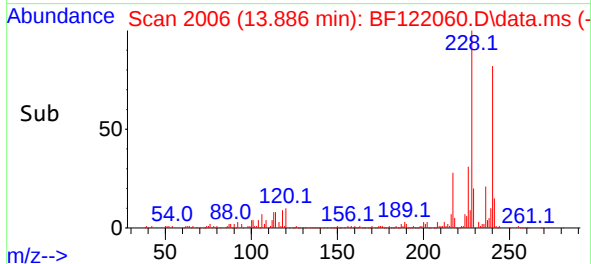
Instrument :
BNA_F
ClientSampled :
357



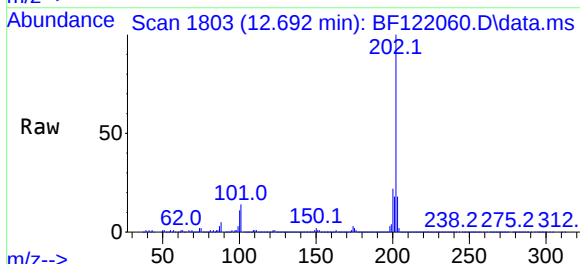
Tgt Ion:240 Resp: 247206
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.0 20.9 31.3

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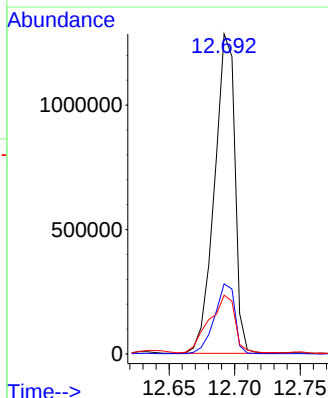
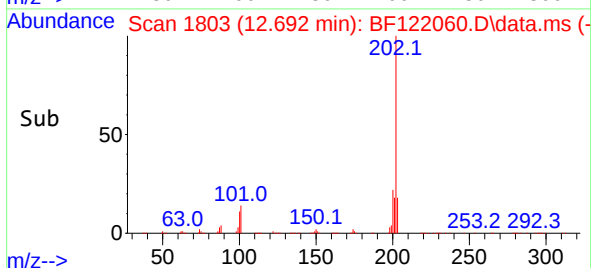
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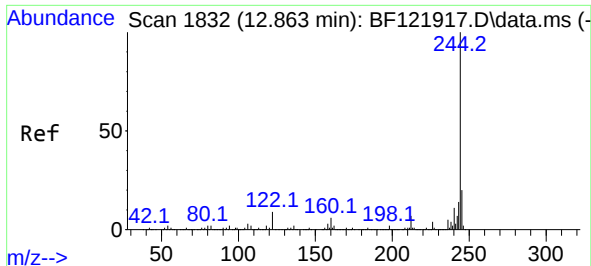


#78
Pyrene
Concen: 73.72 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



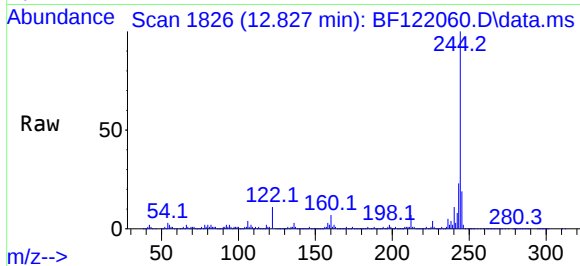
Tgt Ion:202 Resp: 1388783
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.4 14.6 21.8





#79
Terphenyl-d14
Concen: 65.70 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

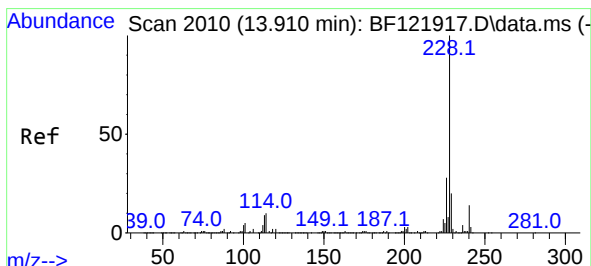
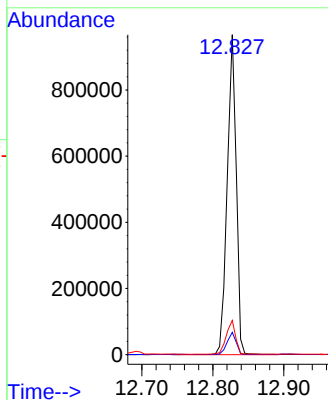
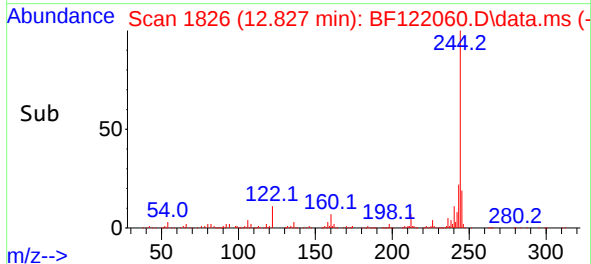
Instrument :
BNA_F
ClientSampled :
357



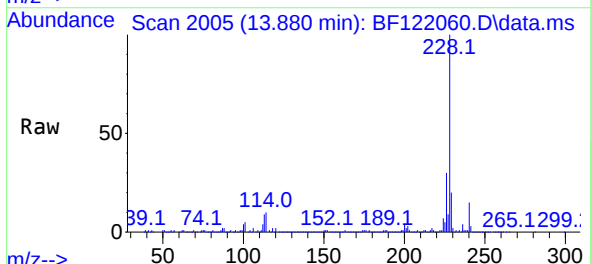
Tgt Ion:244 Resp: 852251
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.7 8.1 12.1

Manual Integrations
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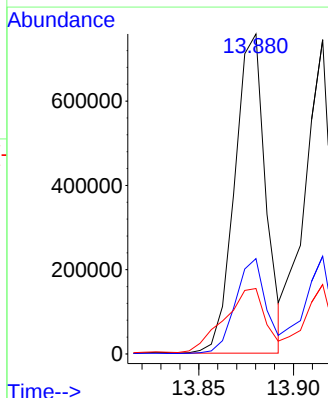
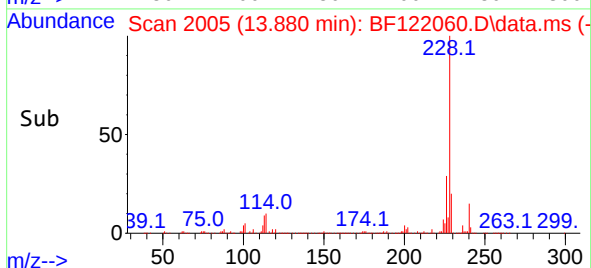
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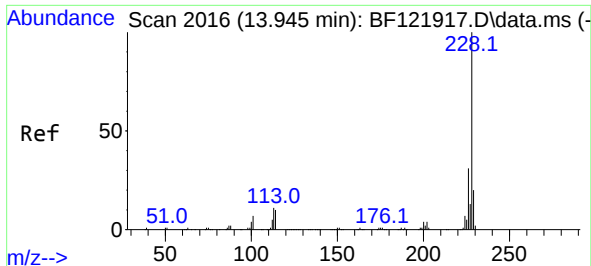


#81
Benzo(a)anthracene
Concen: 53.01 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



Tgt Ion:228 Resp: 858694
Ion Ratio Lower Upper
228 100
226 29.8 22.3 33.5
229 20.5 16.2 24.4





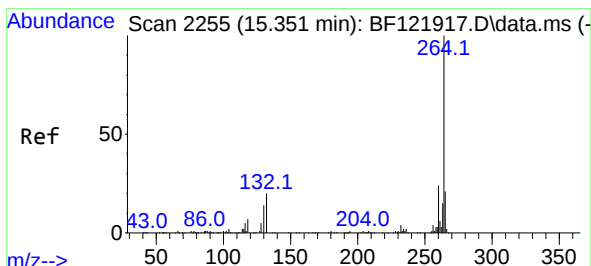
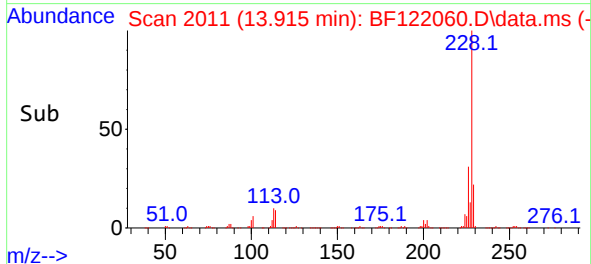
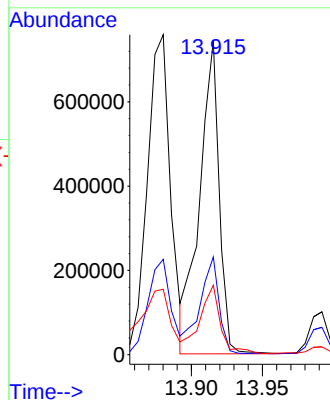
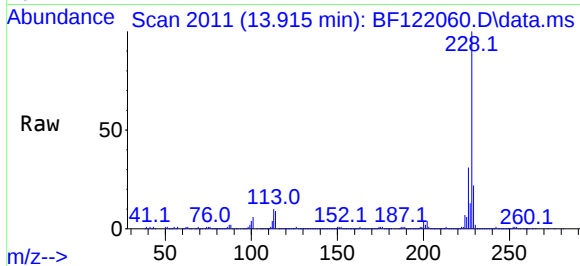
#83
Chrysene
Concen: 44.98 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion:228 Resp: 715309
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 22.1 15.9 23.9

Instrument :
BNA_F
ClientSampled :
357

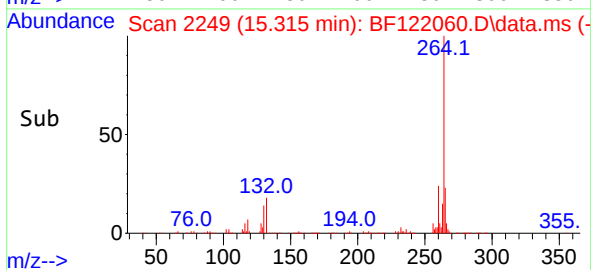
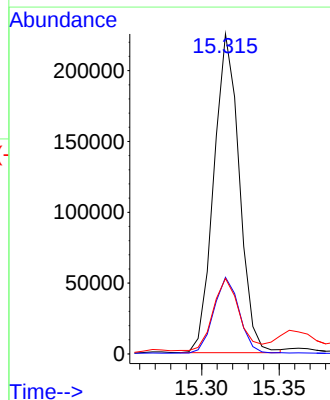
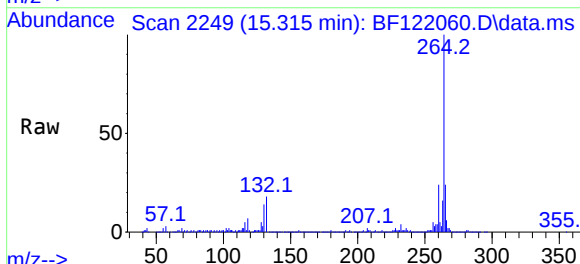
Manual Integrations
APPROVED

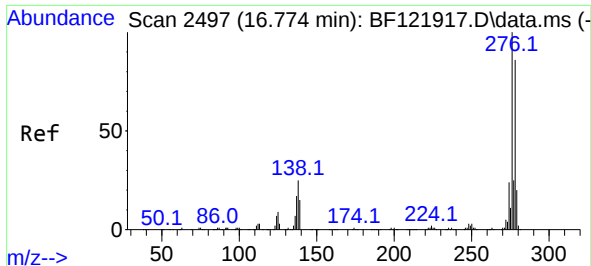
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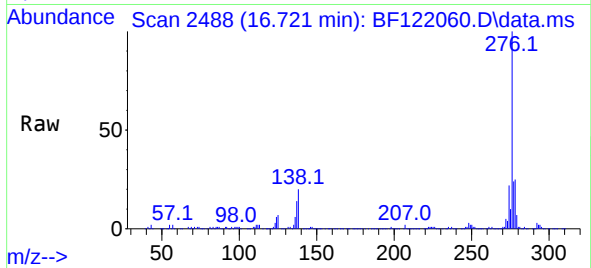
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

Tgt Ion:264 Resp: 257188
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 23.6 17.3 25.9

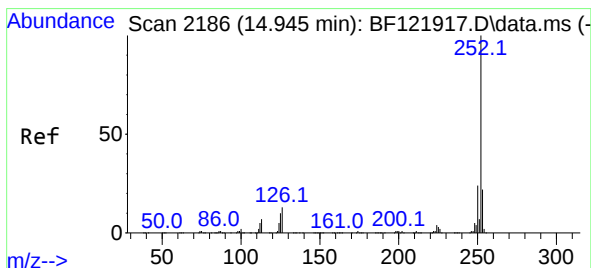
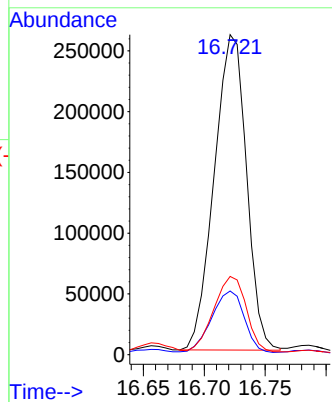
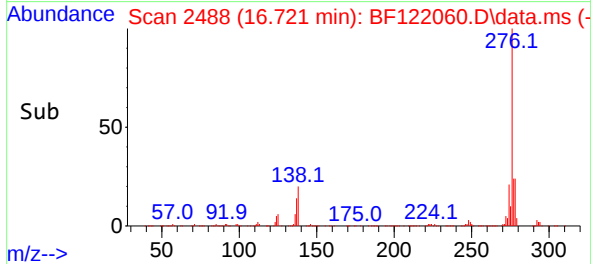




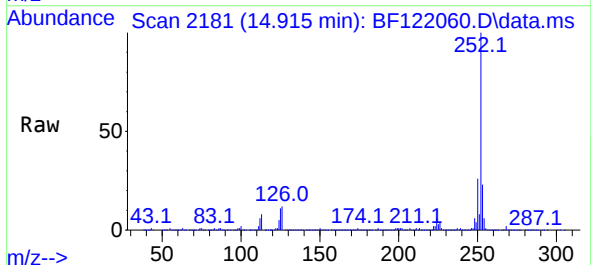
#87
Indeno(1,2,3-cd)pyrene
Concen: 28.66 ng
RT: 16.721 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



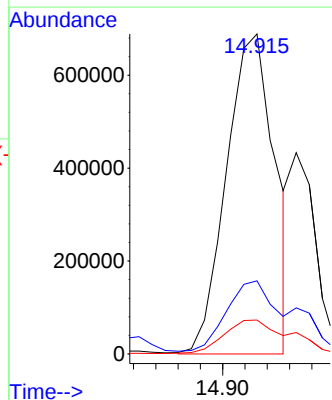
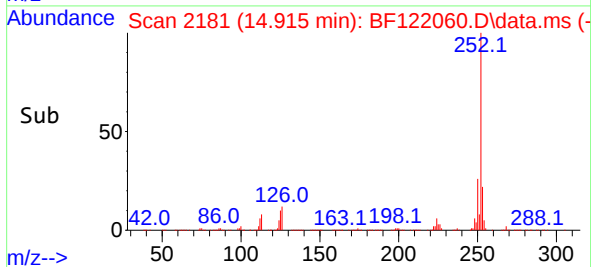
Tgt Ion: 276 Resp: 478529
Ion Ratio Lower Upper
276 100
138 20.3 19.9 29.9
277 23.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 59.99 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



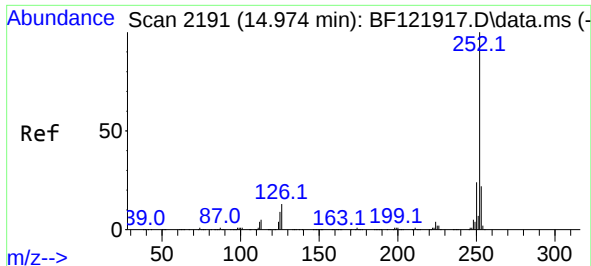
Tgt Ion: 252 Resp: 1042991
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.6 8.0 12.0



Instrument :
BNA_F
ClientSampled :
357

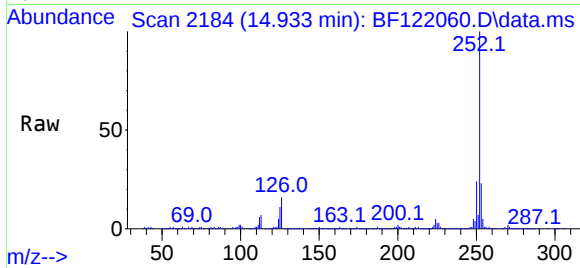
Manual Integrations
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#89
Benzo(k)fluoranthene
Concen: 20.35 ng m
RT: 14.933 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

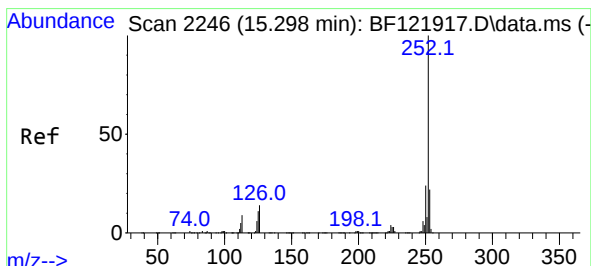
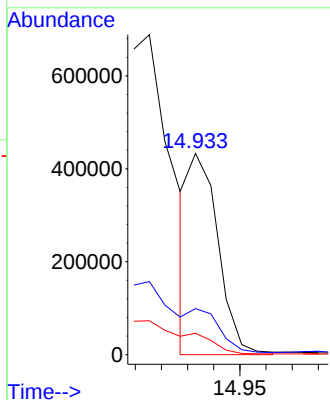
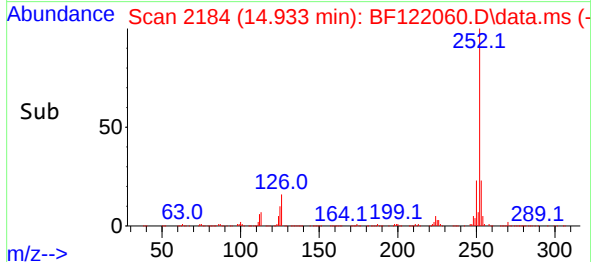
Instrument :
BNA_F
ClientSampled :
357



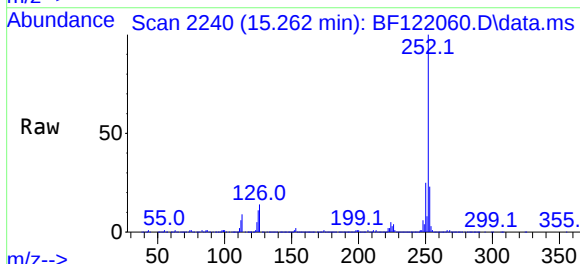
Tgt Ion:252 Resp: 336014
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.7 7.7 11.5

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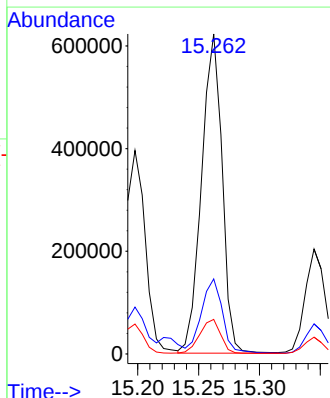
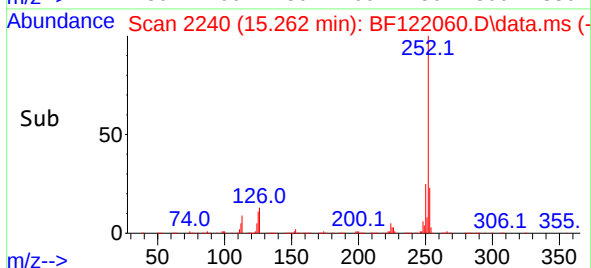
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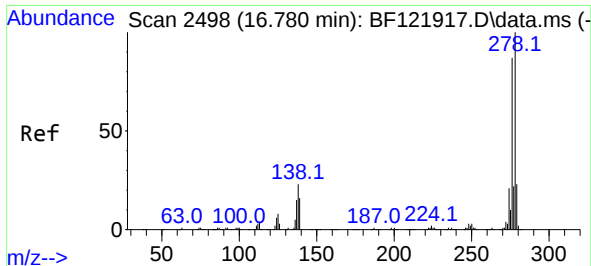


#90
Benzo(a)pyrene
Concen: 48.67 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



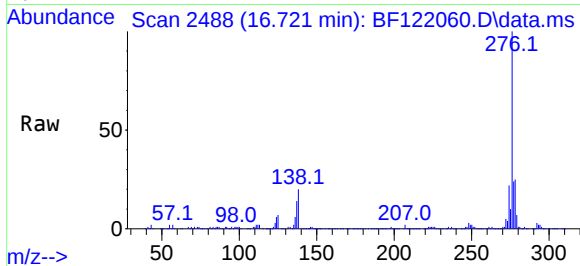
Tgt Ion:252 Resp: 730808
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 9.63 ng m
RT: 16.721 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44

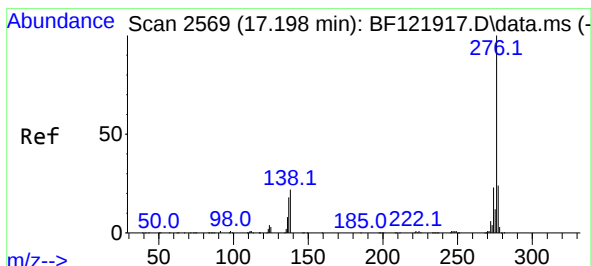
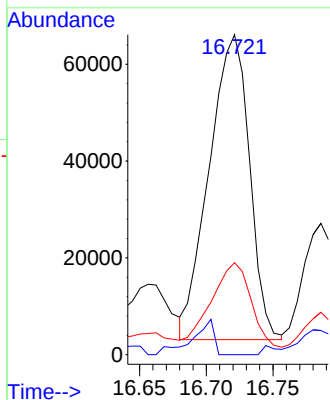
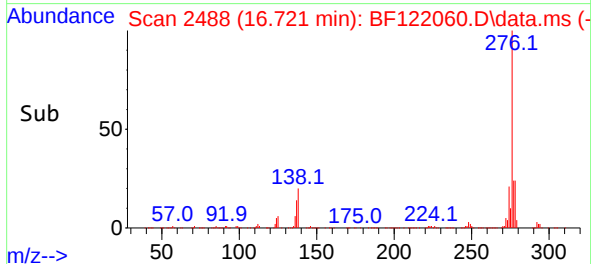
Instrument :
BNA_F
ClientSampled :
357



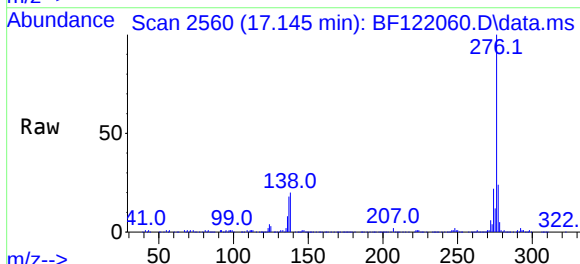
Tgt Ion:278 Resp: 132399
Ion Ratio Lower Upper
278 100
139 0.0 13.0 19.4#
279 28.8 19.0 28.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 31.73 ng
RT: 17.145 min Scan# 2560
Delta R.T. 0.006 min
Lab File: BF122060.D
Acq: 21 Oct 2020 17:44



Tgt Ion:276 Resp: 436687
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.3 17.8 26.6

