

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122126.D
 Acq On : 26 Oct 2020 20:43
 Operator : JU/CG
 Sample : L4436-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 35A

Manual Integrations
 APPROVED

mohammad
 10/27/2020 12:25:18 PM

Quant Time: Oct 27 00:56:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	110369	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	439216	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	223590	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	396137	20.00	ng	0.00
76) Chrysene-d12	13.874	240	252607	20.00	ng	0.00
86) Perylene-d12	15.304	264	235951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	710762	95.05	ng	0.00
7) Phenol-d6	6.369	99	898728	93.36	ng	0.00
23) Nitrobenzene-d5	7.287	82	625745	73.07	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	226356	81.84	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1031425	67.87	ng	0.00
79) Terphenyl-d14	12.816	244	929883	70.15	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.469	163	168215	10.29	ng	99
71) Phenanthrene	11.257	178	273382	12.59	ng	99
75) Fluoranthene	12.445	202	385915	16.57	ng	99
78) Pyrene	12.675	202	327656	17.02	ng	98
81) Benzo(a)anthracene	13.863	228	150386	9.09	ng	99
83) Chrysene	13.898	228	134930	8.30	ng	98
87) Indeno(1,2,3-cd)pyrene	16.710	276	72173	4.71	ng	94
88) Benzo(b)fluoranthene	14.898	252	165556m	10.38	ng	
89) Benzo(k)fluoranthene	14.921	252	52820m	3.49	ng	
90) Benzo(a)pyrene	15.251	252	117544	8.53	ng	96
92) Benzo(g,h,i)perylene	17.139	276	63872	5.06	ng	98

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

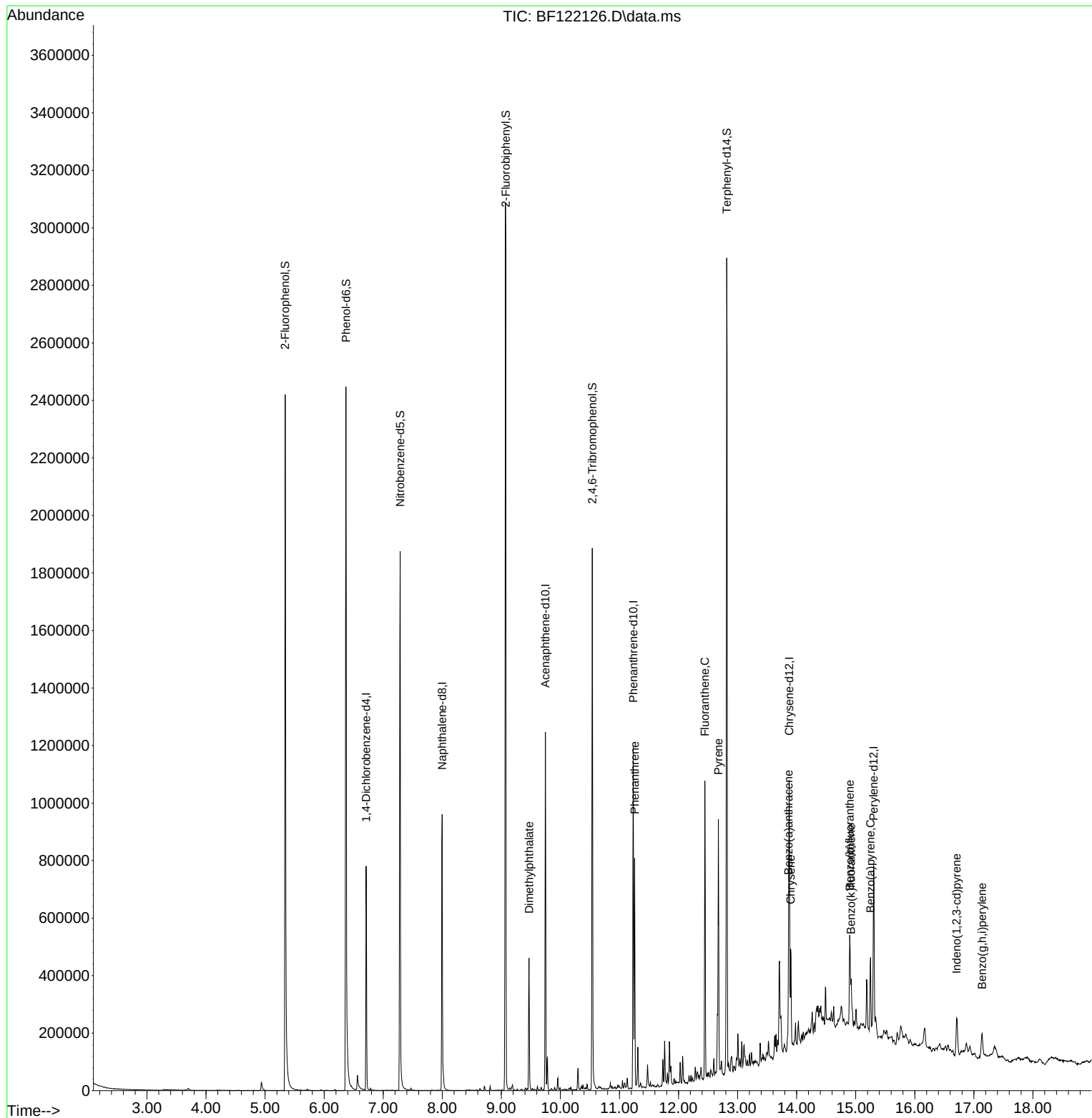
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Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

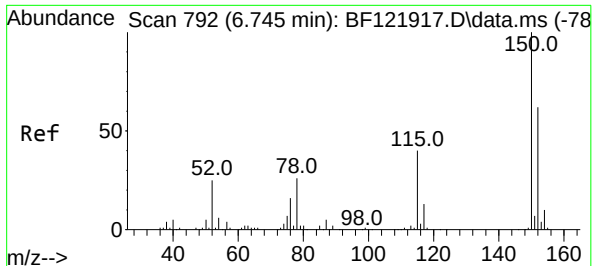
Instrument :
BNA_F
ClientSampleId :
35A

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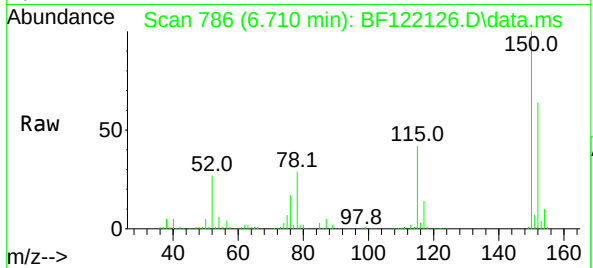
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Quant Time: Oct 27 00:56:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

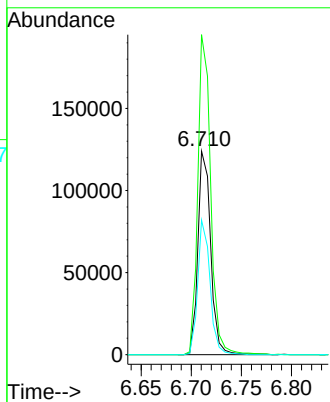
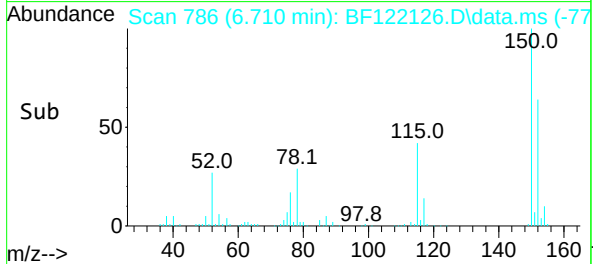




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



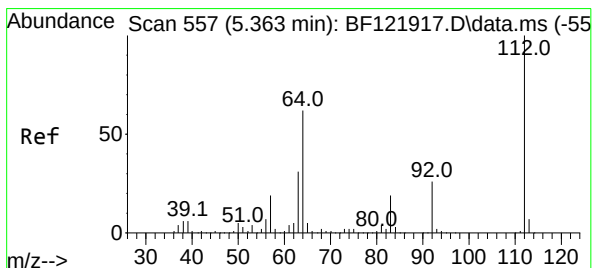
Tgt Ion:152 Resp: 110369
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 66.1 51.9 77.9



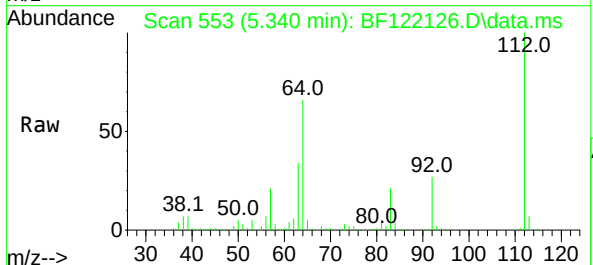
Instrument :
BNA_F
ClientSampled :
35A

Manual Integrations
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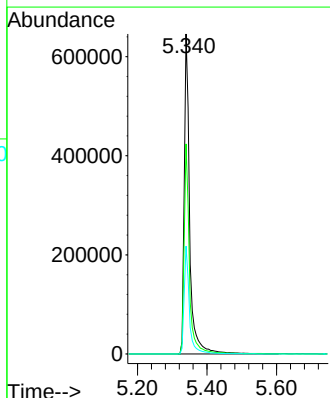
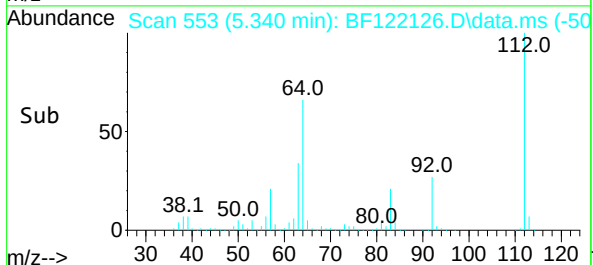
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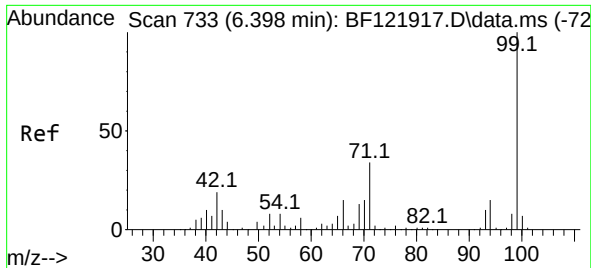


#5
2-Fluorophenol
Concen: 95.05 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



Tgt Ion:112 Resp: 710762
Ion Ratio Lower Upper
112 100
64 65.7 50.4 75.6
63 33.7 25.8 38.6





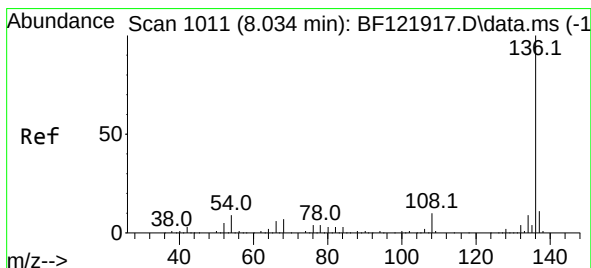
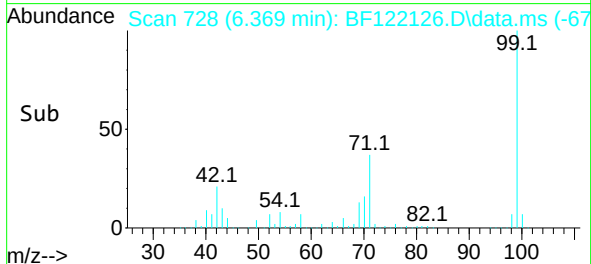
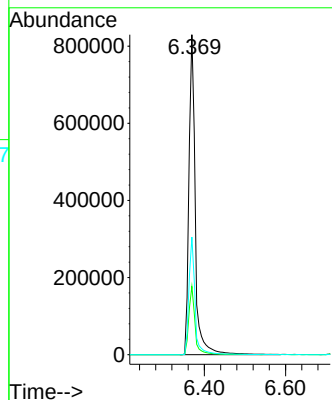
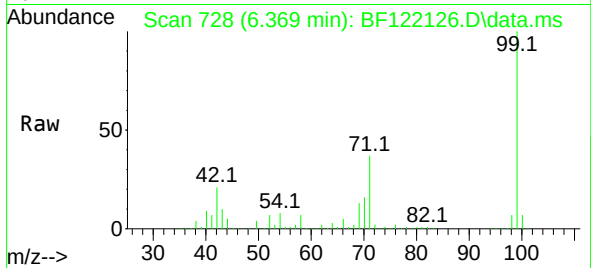
#7
Phenol-d6
Concen: 93.36 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

Tgt Ion: 99 Resp: 898728
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 36.7 27.1 40.7

Instrument :
BNA_F
ClientSampled :
35A

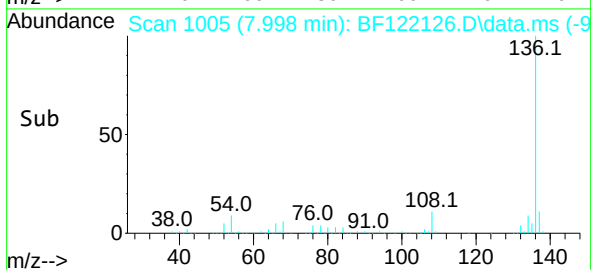
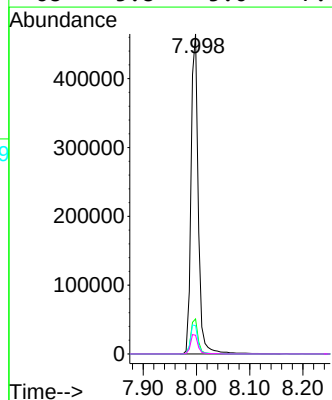
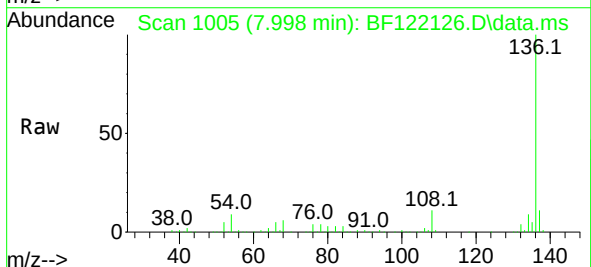
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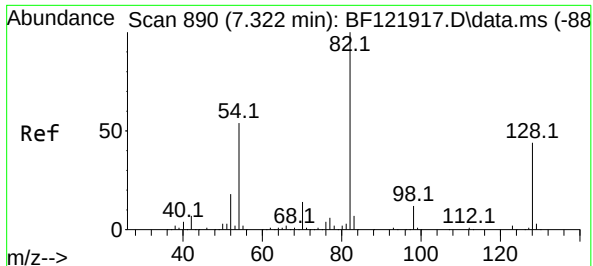
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

Tgt Ion: 136 Resp: 439216
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.1 10.7
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.07 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF122126.D

Acq: 26 Oct 2020 20:43

Tgt Ion: 82 Resp: 625745

Ion Ratio Lower Upper

82 100

128 42.3 35.0 52.4

54 53.2 43.9 65.9

Instrument :

BNA_F

ClientSampled :

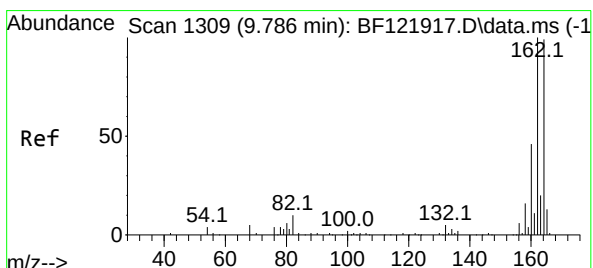
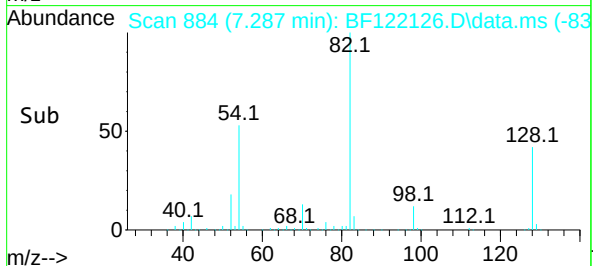
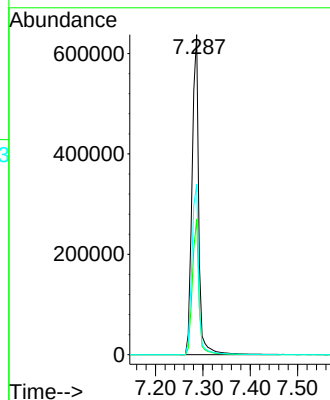
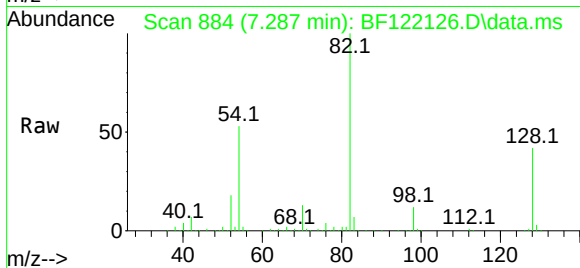
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122126.D

Acq: 26 Oct 2020 20:43

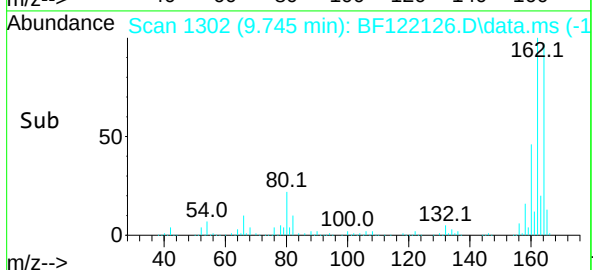
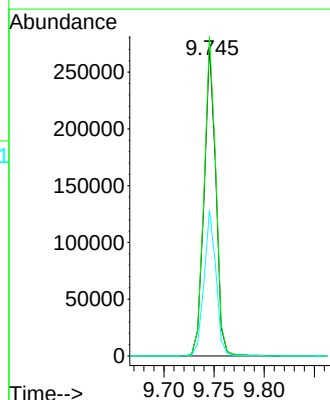
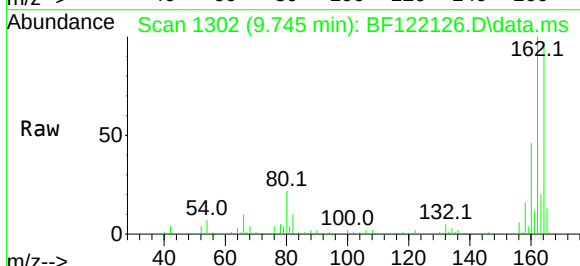
Tgt Ion: 164 Resp: 223590

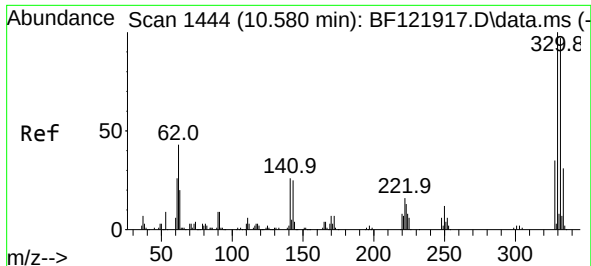
Ion Ratio Lower Upper

164 100

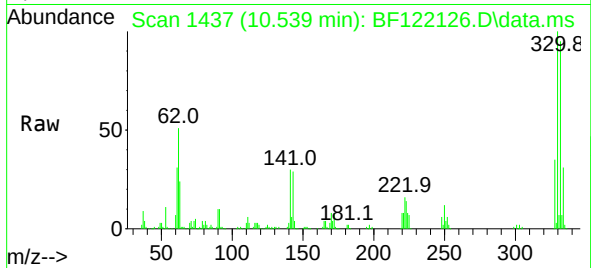
162 103.0 83.2 124.8

160 46.9 37.5 56.3

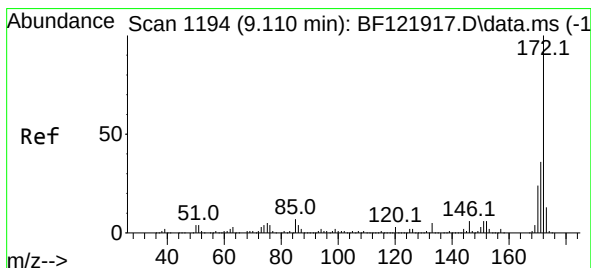
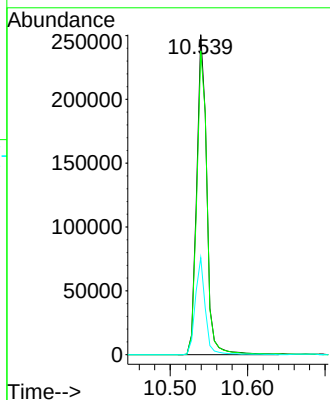
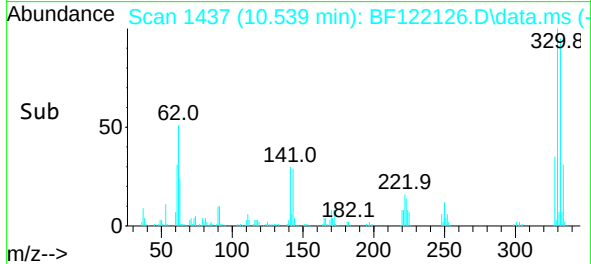




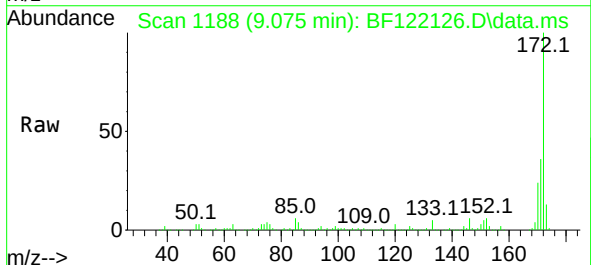
#42
2,4,6-Tribromophenol
Concen: 81.84 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



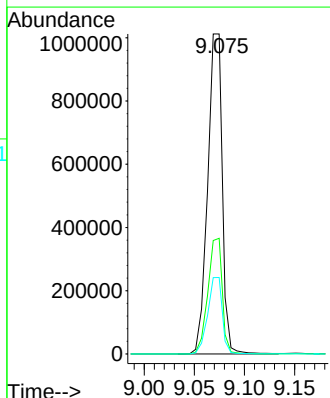
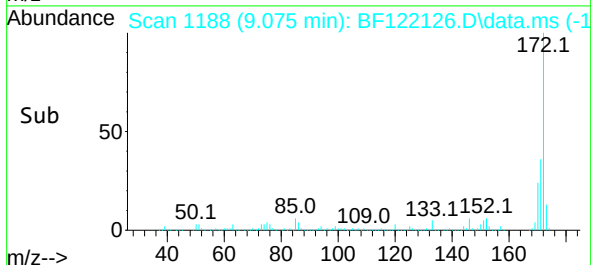
Tgt Ion: 330 Resp: 226356
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 67.87 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



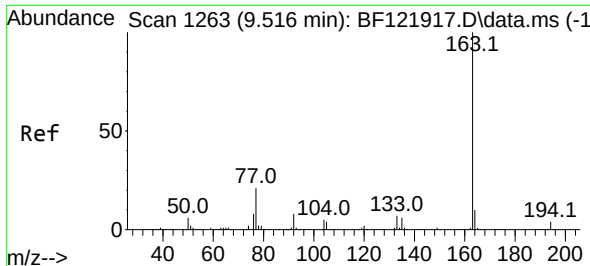
Tgt Ion: 172 Resp: 1031425
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 23.9 19.8 29.6



Instrument :
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ClientSampleId :
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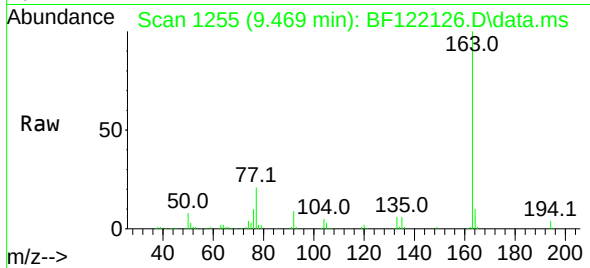
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#50
Dimethylphthalate
Concen: 10.29 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

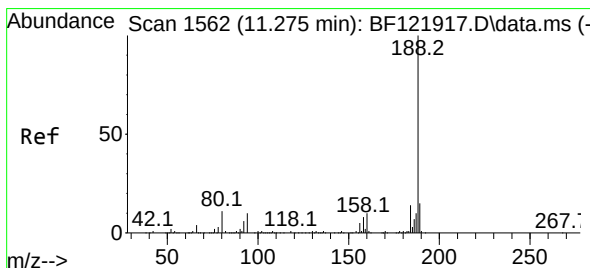
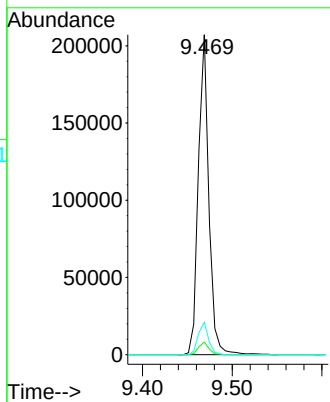
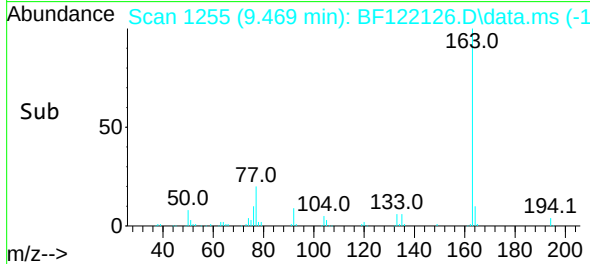
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BNA_F
ClientSampled :
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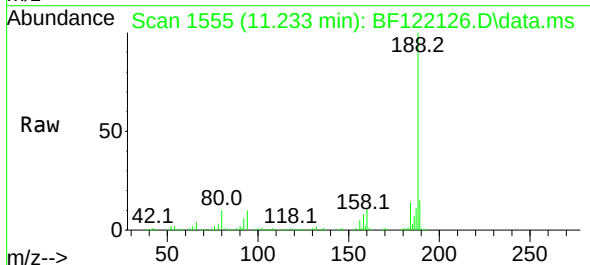
Tgt Ion:163 Resp: 168215
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.4

Manual Integrations
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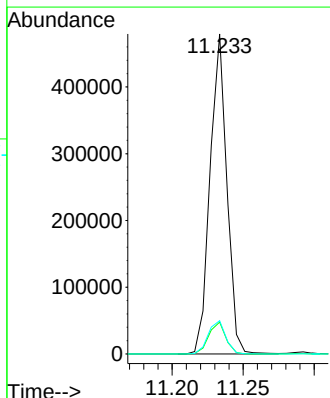
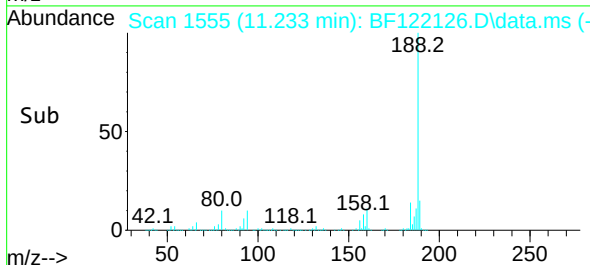
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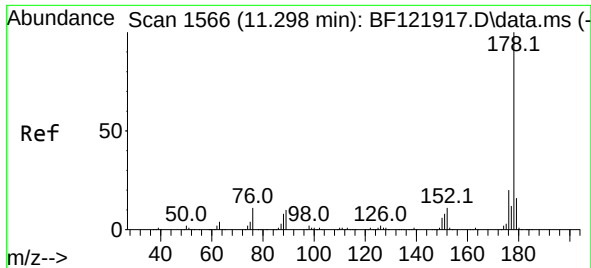


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



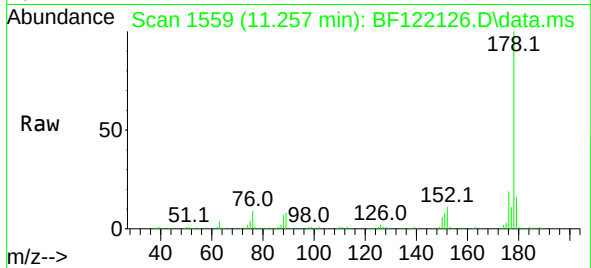
Tgt Ion:188 Resp: 396137
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 9.1 13.7





#71
Phenanthrene
Concen: 12.59 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

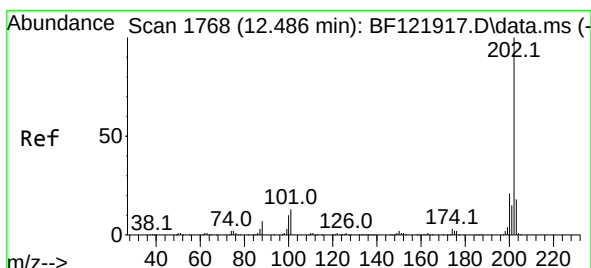
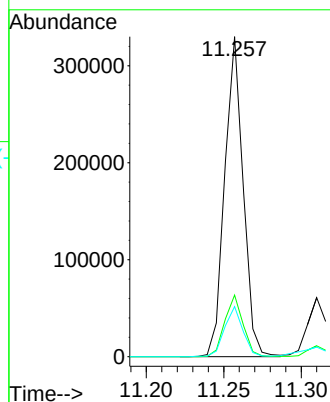
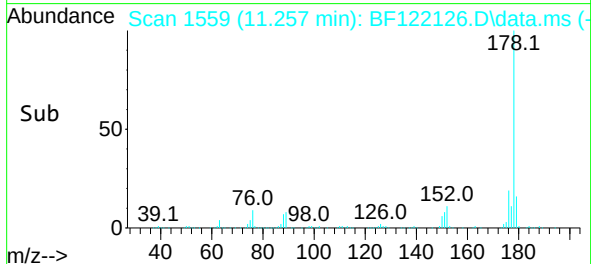
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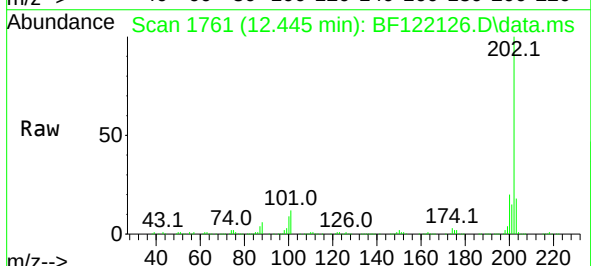
Tgt Ion:178 Resp: 273382
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.7 12.2 18.4

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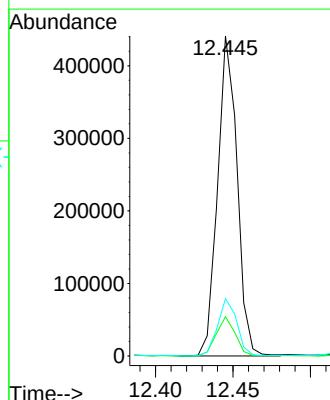
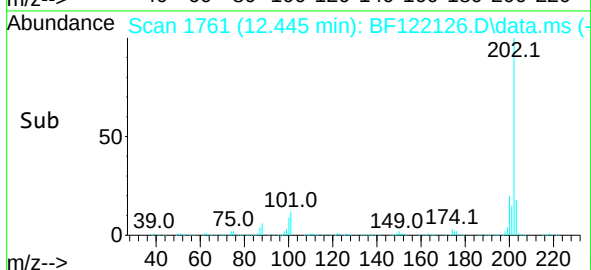
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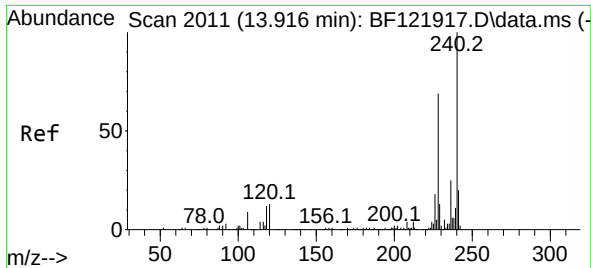


#75
Fluoranthene
Concen: 16.57 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



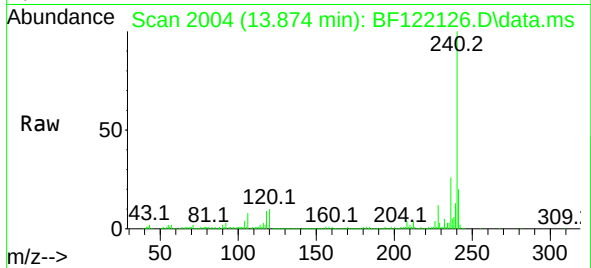
Tgt Ion:202 Resp: 385915
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.4
203 17.9 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

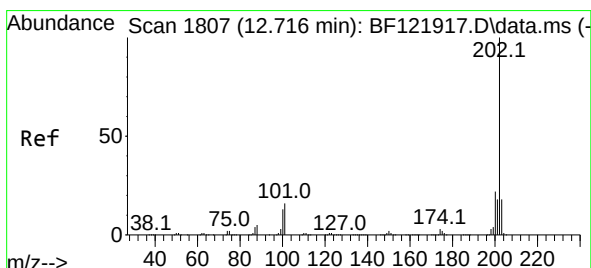
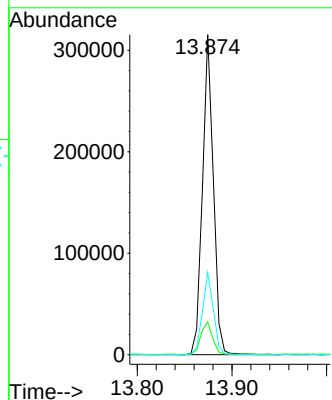
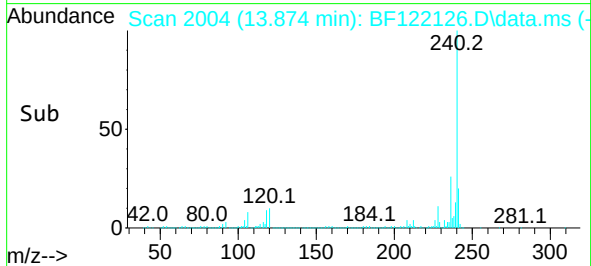
Instrument :
BNA_F
ClientSampled :
35A



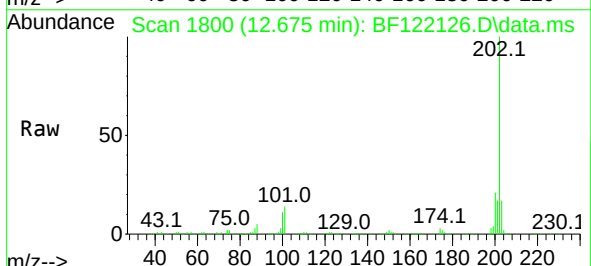
Tgt Ion:240 Resp: 252607
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.6 20.9 31.3

Manual Integrations
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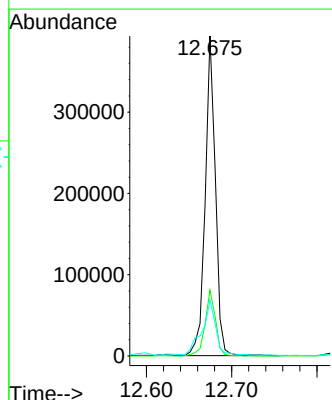
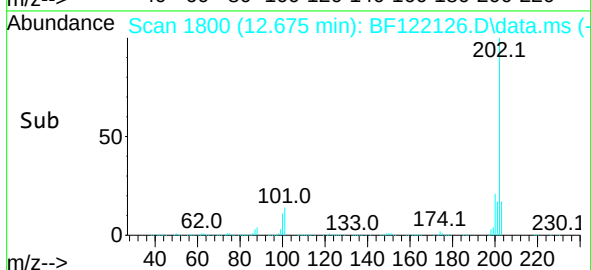
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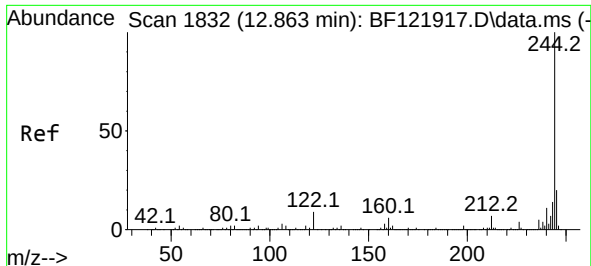


#78
Pyrene
Concen: 17.02 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

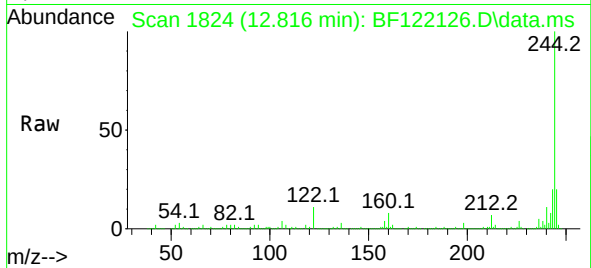


Tgt Ion:202 Resp: 327656
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.4 14.6 21.8

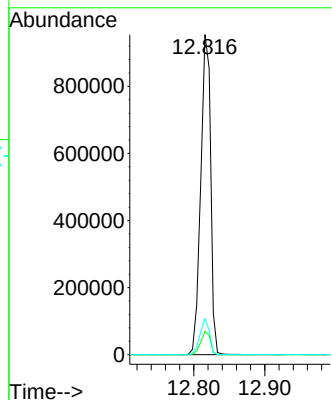




#79
 Terphenyl-d14
 Concen: 70.15 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF122126.D
 Acq: 26 Oct 2020 20:43



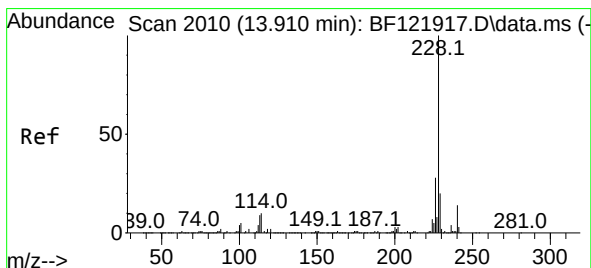
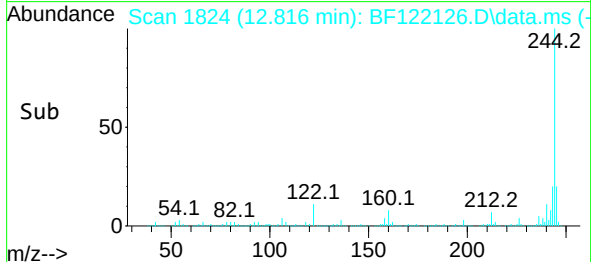
Tgt Ion:244 Resp: 929883
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 11.2 8.1 12.1



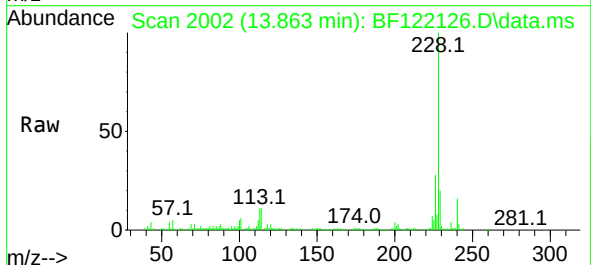
Instrument :
 BNA_F
 ClientSampled :
 35A

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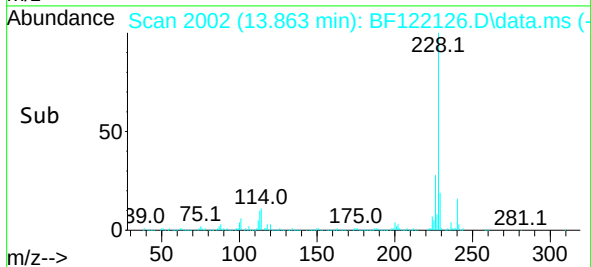
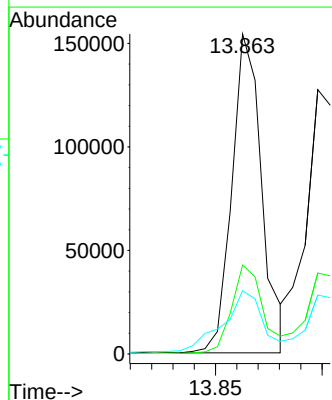
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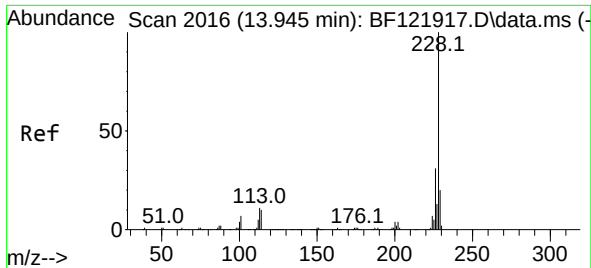


#81
 Benzo(a)anthracene
 Concen: 9.09 ng
 RT: 13.863 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF122126.D
 Acq: 26 Oct 2020 20:43

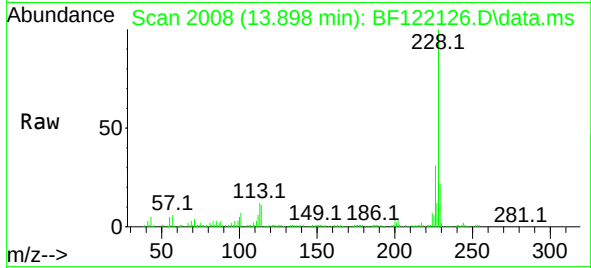


Tgt Ion:228 Resp: 150386
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.3 33.5
 229 19.8 16.2 24.4

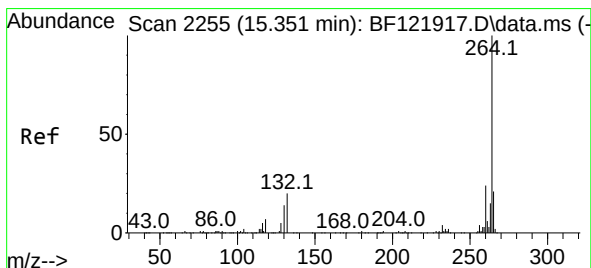
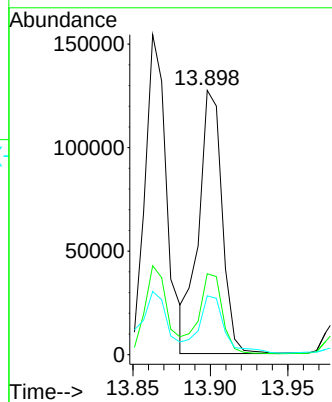
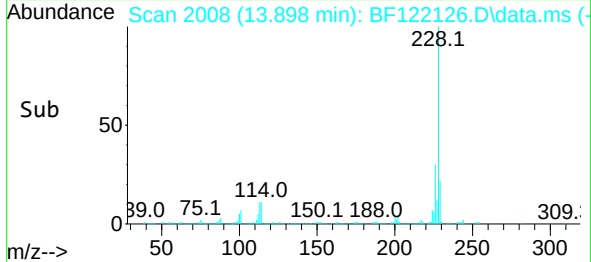




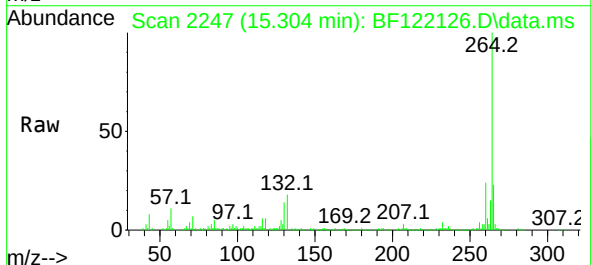
#83
Chrysene
Concen: 8.30 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



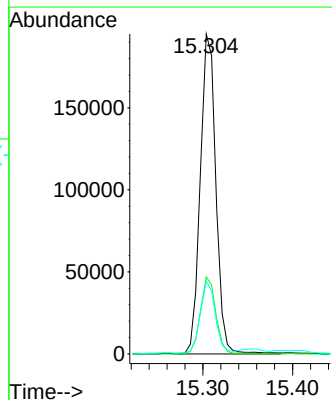
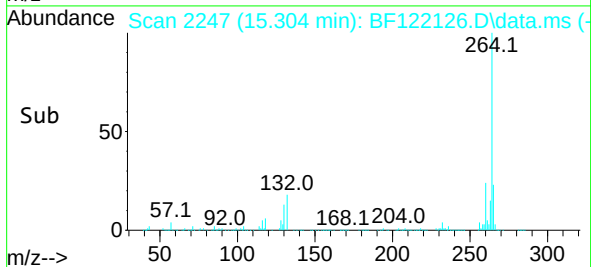
Tgt Ion:228 Resp: 134930
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.3 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



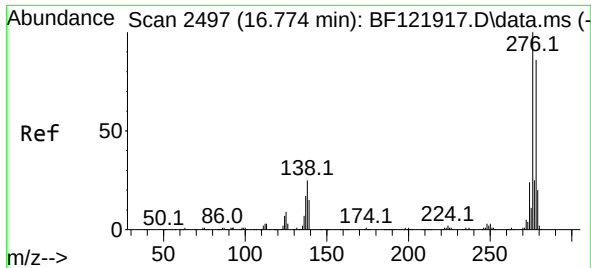
Tgt Ion:264 Resp: 235951
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.7 17.3 25.9



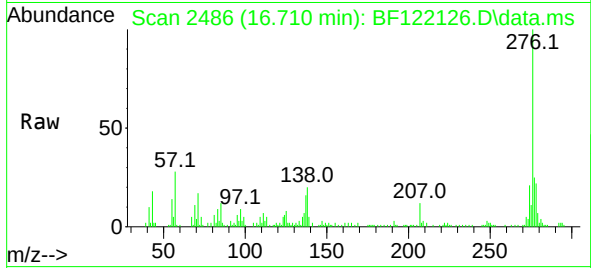
Instrument :
BNA_F
ClientSampled :
35A

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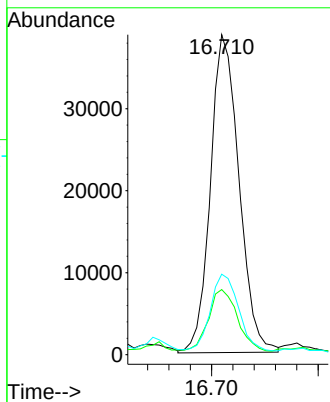
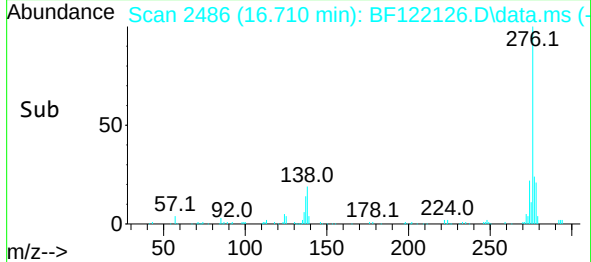
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.71 ng
RT: 16.710 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



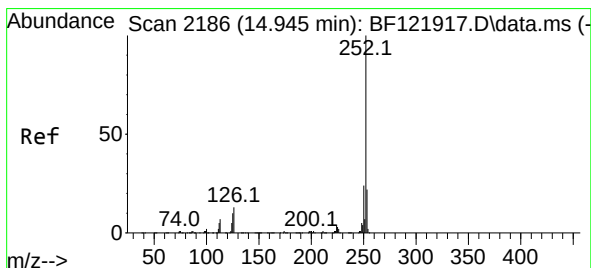
Tgt Ion: 276 Resp: 72173
Ion Ratio Lower Upper
276 100
138 21.2 19.9 29.9
277 23.6 20.4 30.6



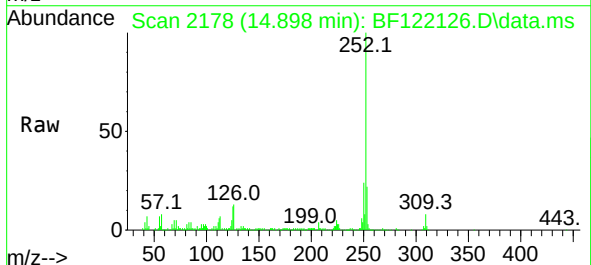
Instrument :
BNA_F
ClientSampled :
35A

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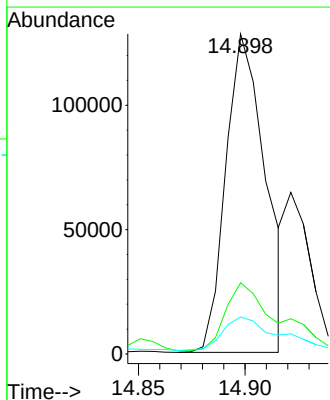
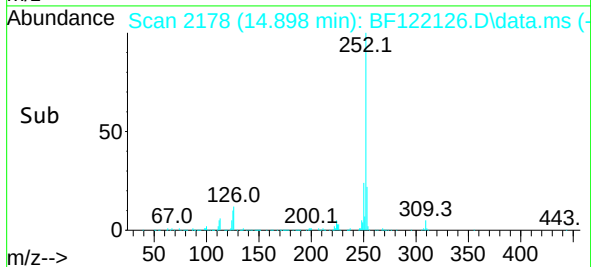
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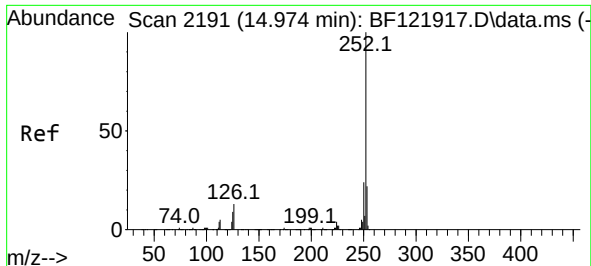


#88
Benzo(b)fluoranthene
Concen: 10.38 ng m
RT: 14.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43



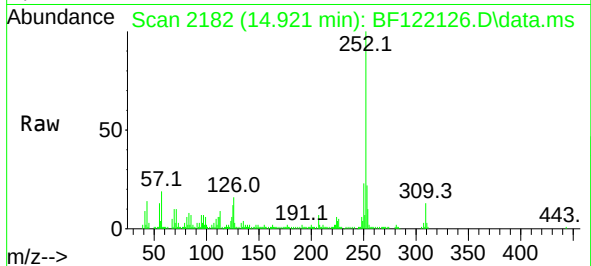
Tgt Ion: 252 Resp: 165556
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.5 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 3.49 ng m
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

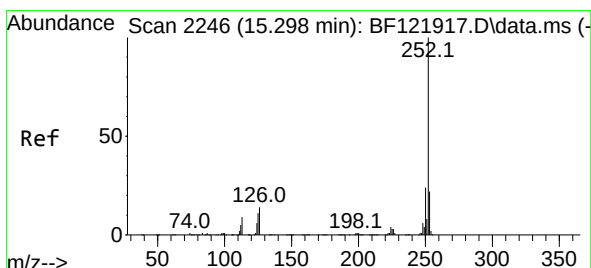
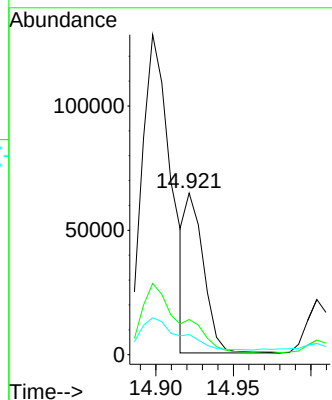
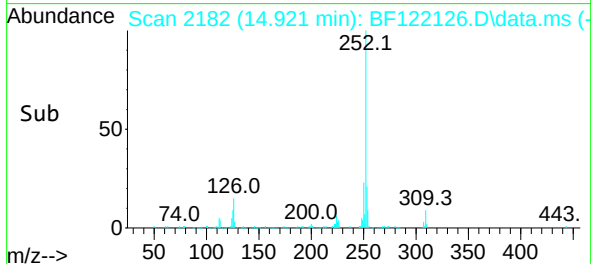
Instrument :
BNA_F
ClientSampled :
35A



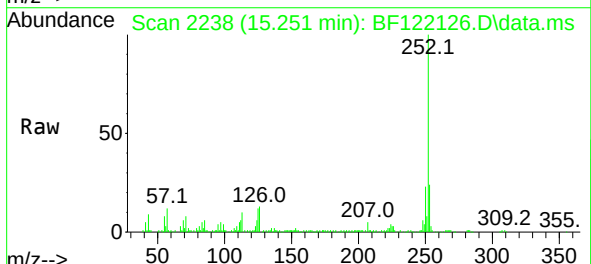
Tgt Ion:252 Resp: 52820
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 12.5 7.7 11.5#

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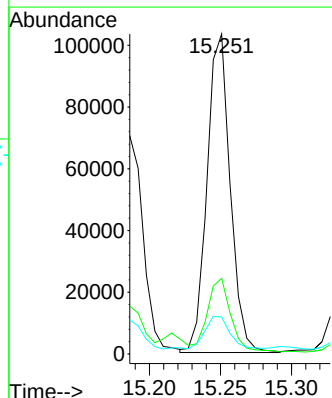
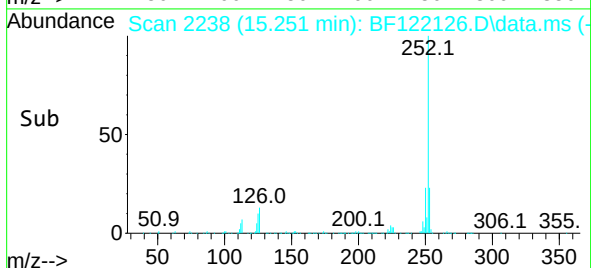
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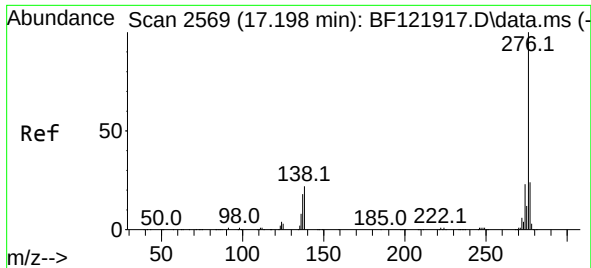


#90
Benzo(a)pyrene
Concen: 8.53 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF122126.D
Acq: 26 Oct 2020 20:43

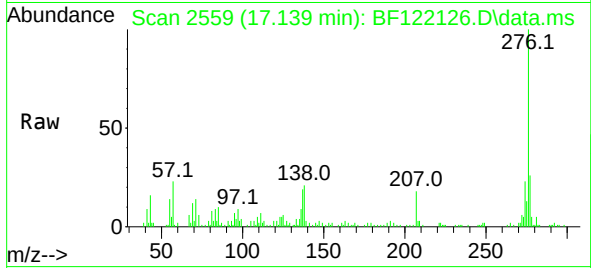


Tgt Ion:252 Resp: 117544
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 11.6 8.6 13.0

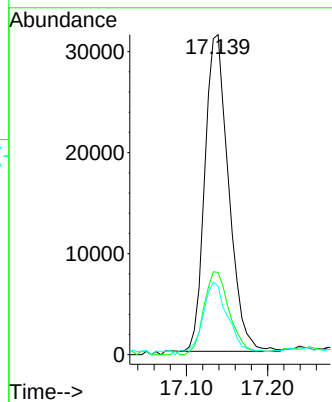
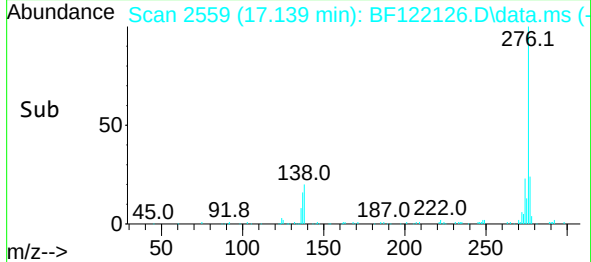




#92
 Benzo(g,h,i)perylene
 Concen: 5.06 ng
 RT: 17.139 min Scan# 2559
 Delta R.T. 0.006 min
 Lab File: BF122126.D
 Acq: 26 Oct 2020 20:43



Tgt Ion:	276	Resp:	63872
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.4	29.2
138	21.5	17.8	26.6



Instrument :
 BNA_F
 ClientSampleId :
 35A

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