

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123126.D
 Acq On : 4 Feb 2021 22:09
 Operator : JU/CG
 Sample : M1286-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JJ_BH_02_0-1

Manual Integrations
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Quant Time: Feb 04 23:33:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	220515	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	831372	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	414354	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	673773	20.00	ng	0.00
76) Chrysene-d12	14.080	240	528172	20.00	ng	0.00
86) Perylene-d12	15.574	264	446182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1072822	75.05	ng	0.00
7) Phenol-d6	6.516	99	1312184	67.72	ng	0.00
23) Nitrobenzene-d5	7.451	82	828209	50.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	326767	72.65	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1496298	53.68	ng	0.00
79) Terphenyl-d14	13.021	244	1343671	49.98	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.645	163	138223	4.25	ng	100
71) Phenanthrene	11.451	178	99006	2.37	ng	97
75) Fluoranthene	12.645	202	183602	4.39	ng	97
78) Pyrene	12.874	202	173279	4.35	ng	99
81) Benzo(a)anthracene	14.068	228	98837	2.76	ng	95
83) Chrysene	14.104	228	99560m	2.78	ng	
88) Benzo(b)fluoranthene	15.133	252	113191m	3.51	ng	
90) Benzo(a)pyrene	15.509	252	79319	2.80	ng	# 83
92) Benzo(g,h,i)perylene	17.545	276	53101	2.24	ng	# 87

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

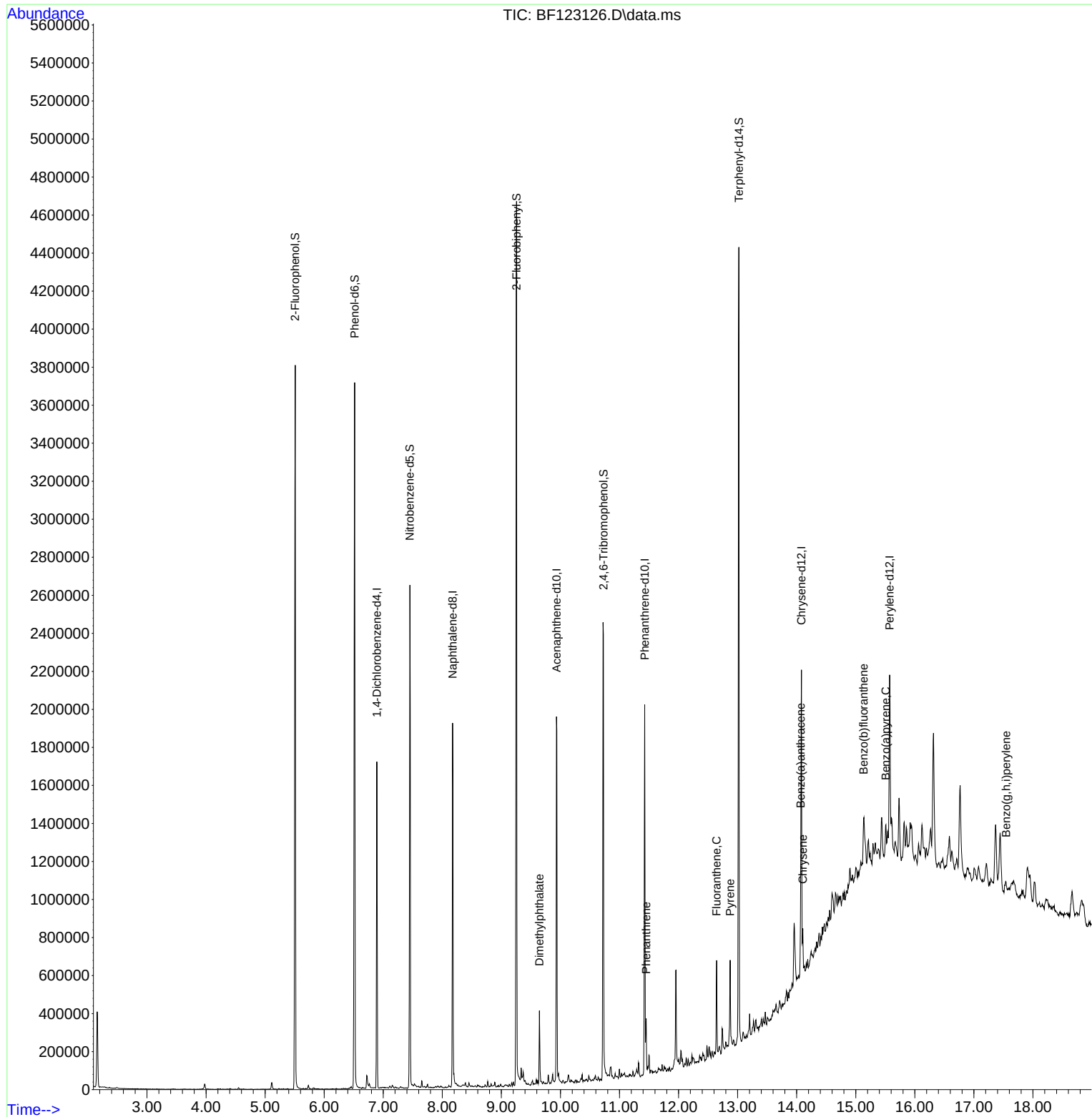
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123126.D
Acq On : 4 Feb 2021 22:09
Operator : JU/CG
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Misc :
ALS Vial : 9 Sample Multiplier: 1

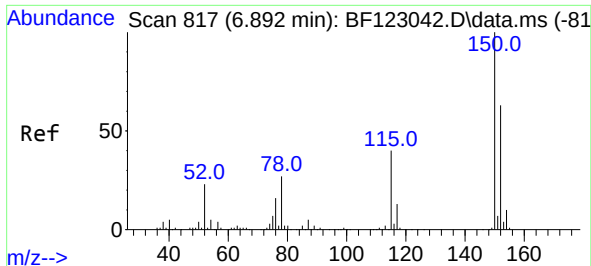
Instrument :
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ClientSampleId :
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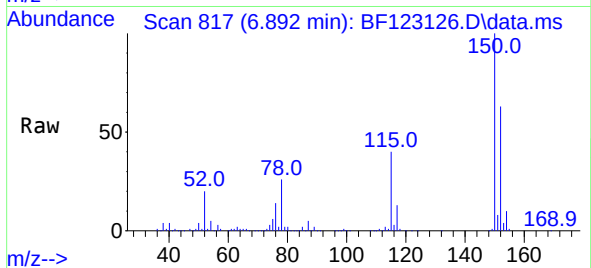
Quant Time: Feb 04 23:33:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

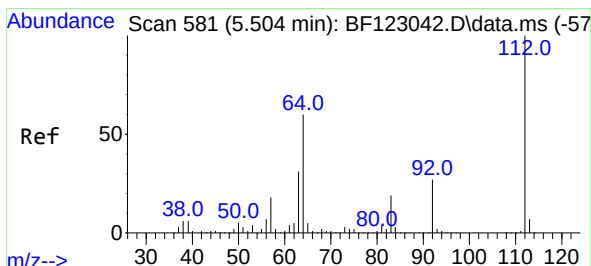
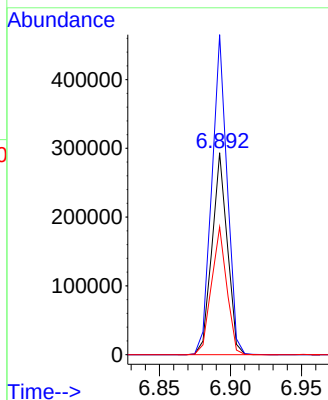
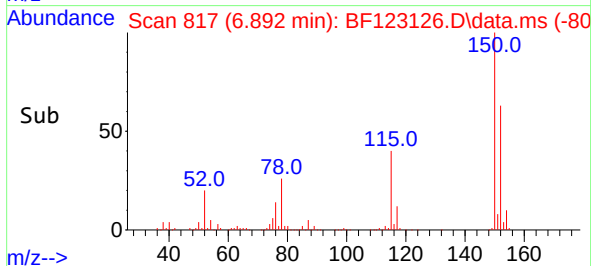
Instrument :
BNA_F
ClientSampled :
JJ_BH_02_0-1



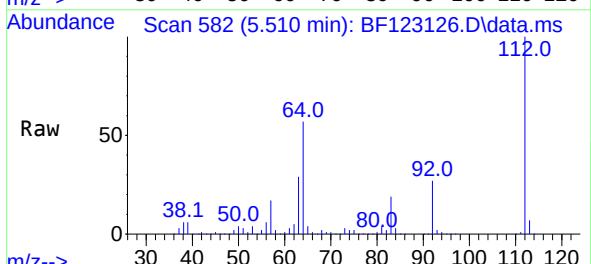
Tgt Ion:152 Resp: 220515
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 63.2 49.3 73.9

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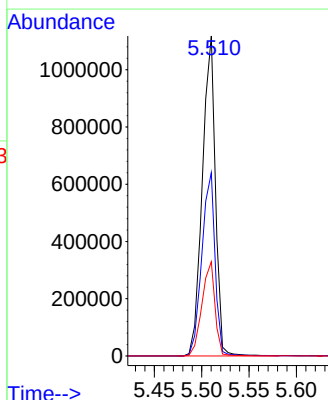
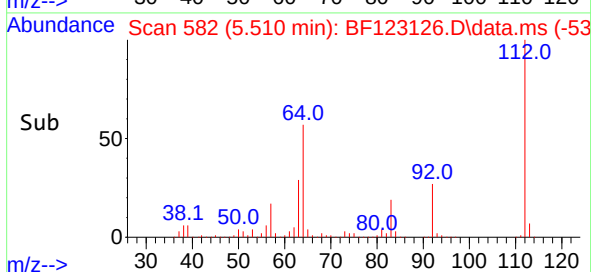
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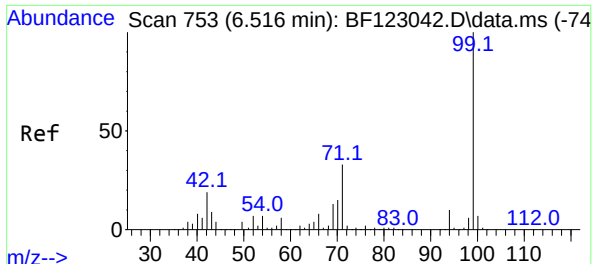


#5
2-Fluorophenol
Concen: 75.05 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

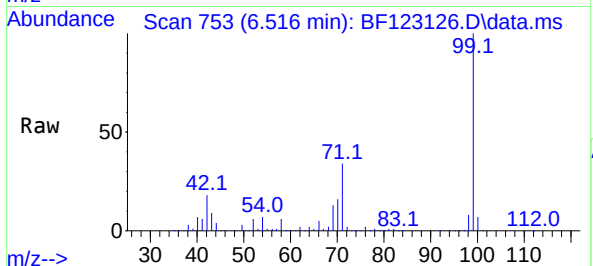


Tgt Ion:112 Resp: 1072822
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.4 24.5 36.7



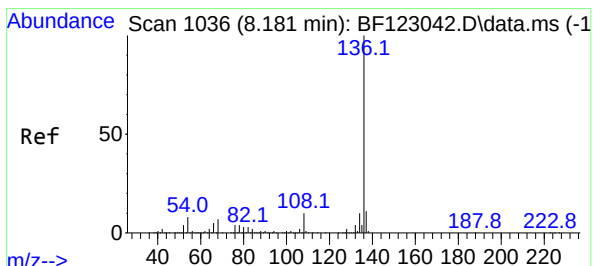
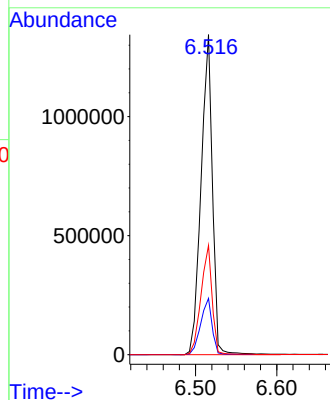
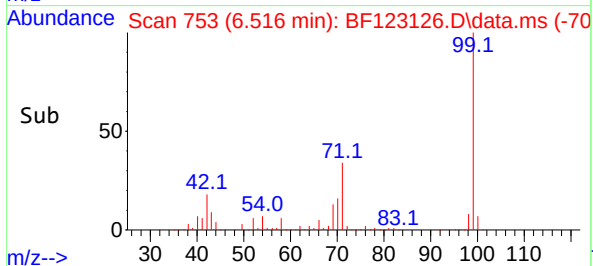


#7
Phenol-d6
Concen: 67.72 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

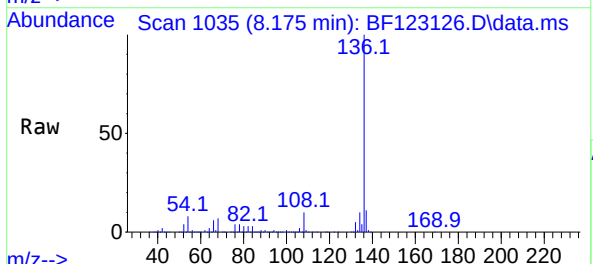


Tgt Ion: 99 Resp: 1312184

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	34.2	26.9	40.3

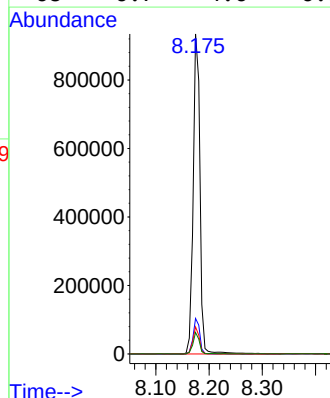
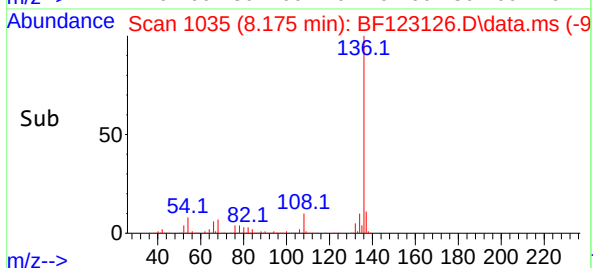


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



Tgt Ion: 136 Resp: 831372

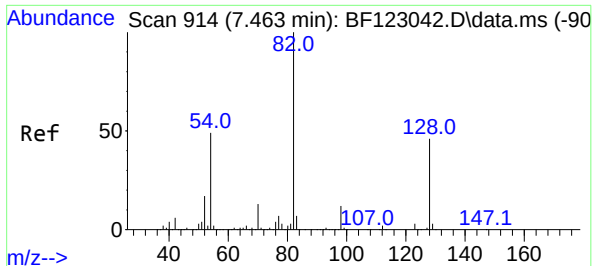
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	5.5	8.3#
68	6.7	4.6	6.8



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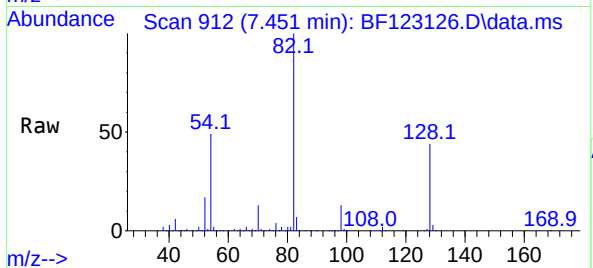
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#23
Nitrobenzene-d5
Concen: 50.14 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

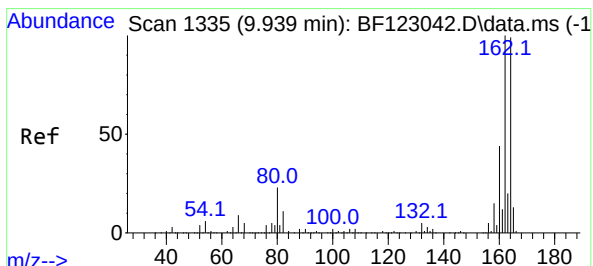
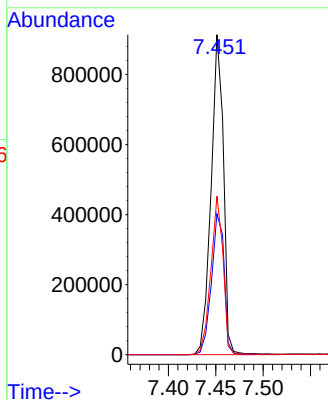
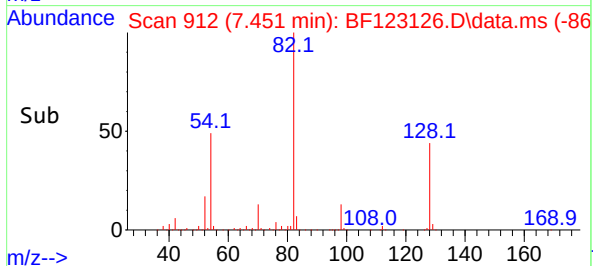
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1



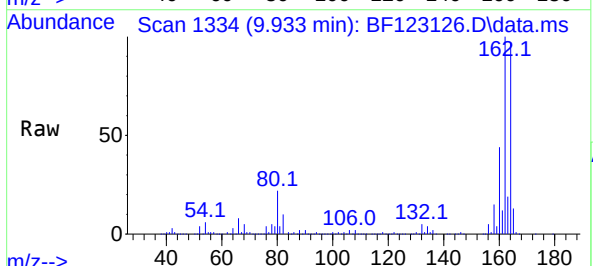
Tgt Ion: 82 Resp: 828209
Ion Ratio Lower Upper
82 100
128 44.0 37.0 55.4
54 49.5 38.4 57.6

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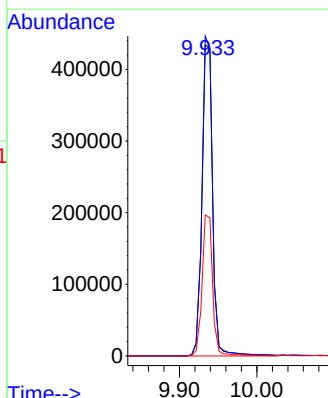
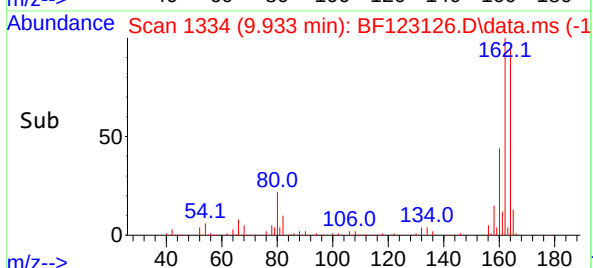
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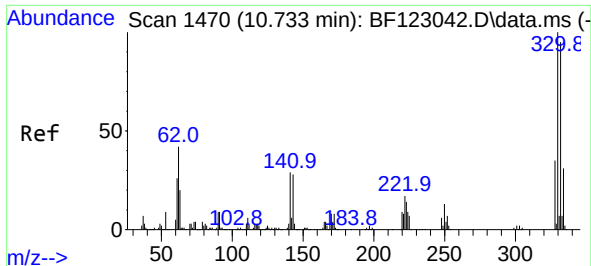


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

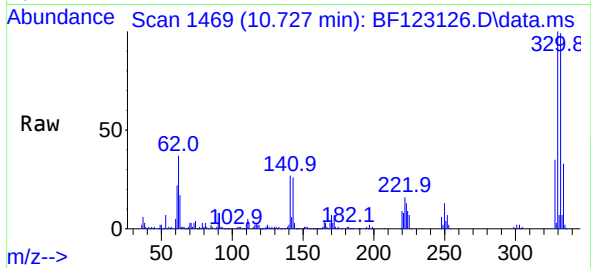


Tgt Ion: 164 Resp: 414354
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.4 35.4 53.0

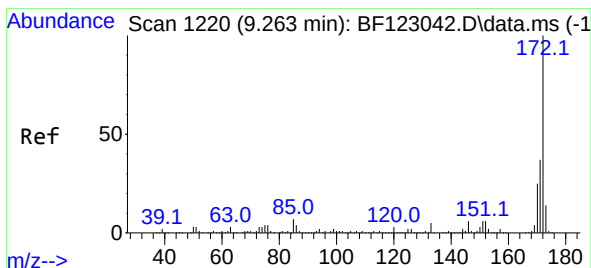
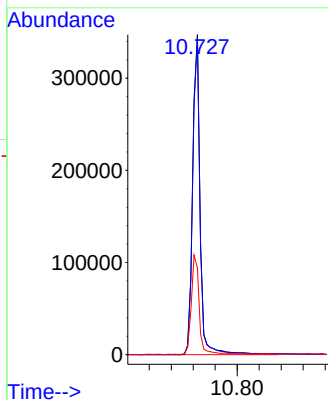
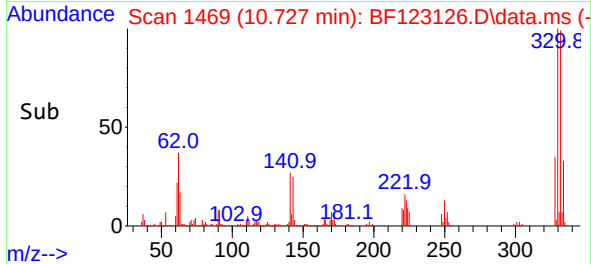




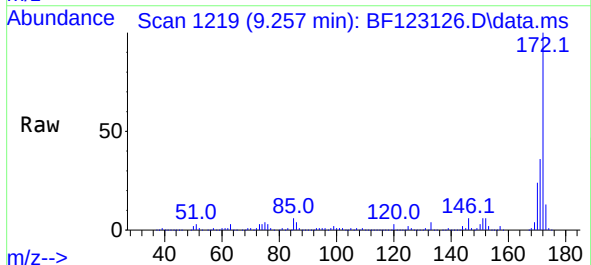
#42
2,4,6-Tribromophenol
Concen: 72.65 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



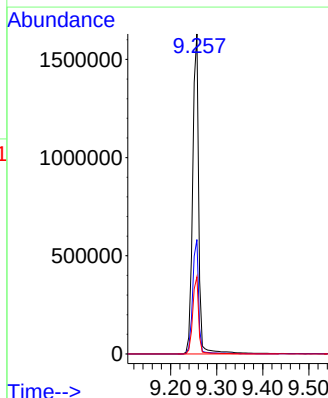
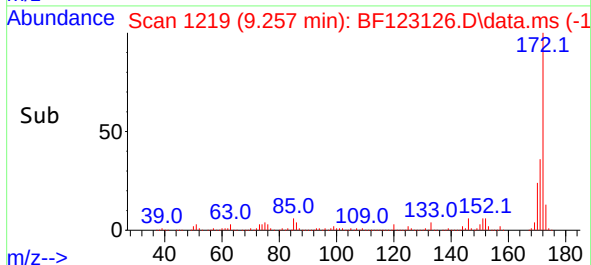
Tgt Ion: 330 Resp: 326767
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 32.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 53.68 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



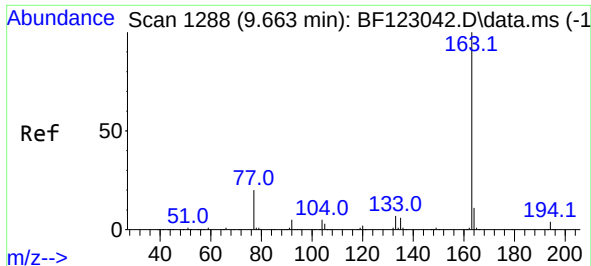
Tgt Ion: 172 Resp: 1496298
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.1 19.5 29.3



Instrument :
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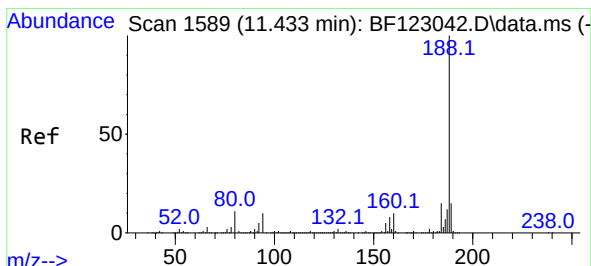
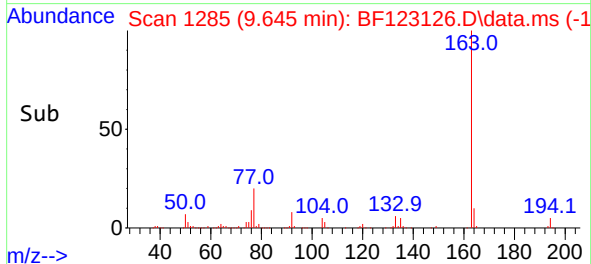
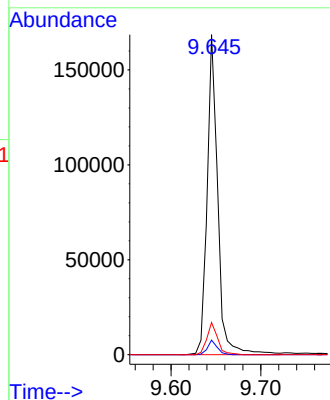
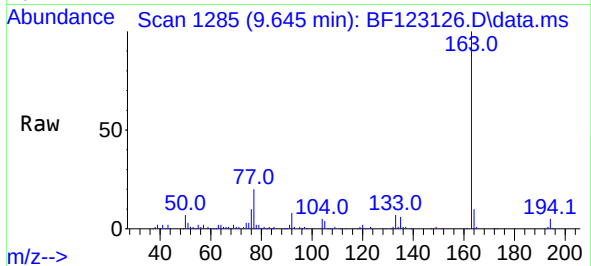
#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:163 Resp: 138223
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.1 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

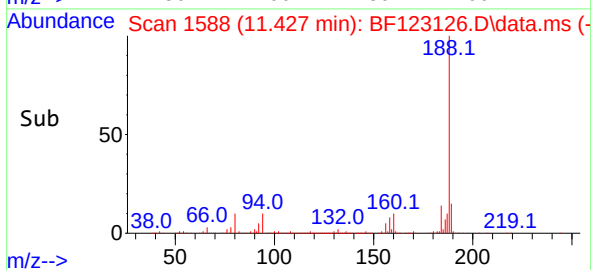
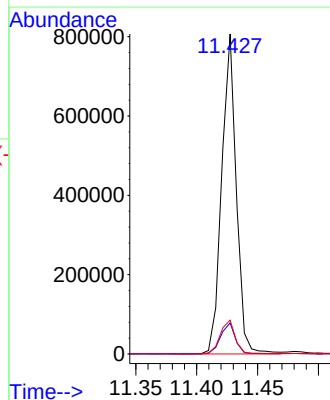
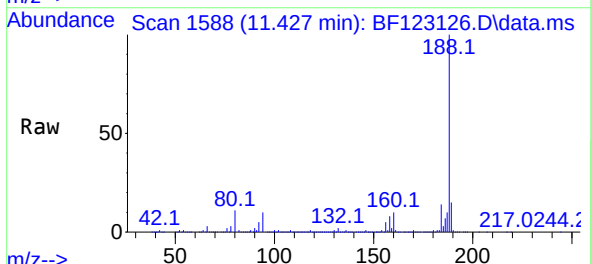
Manual Integrations
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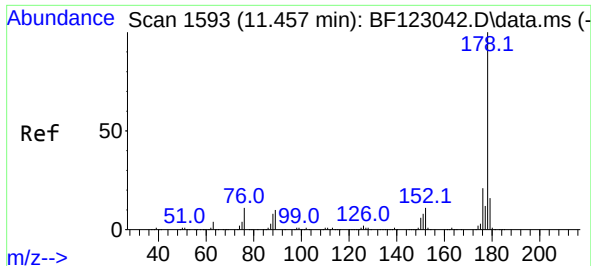
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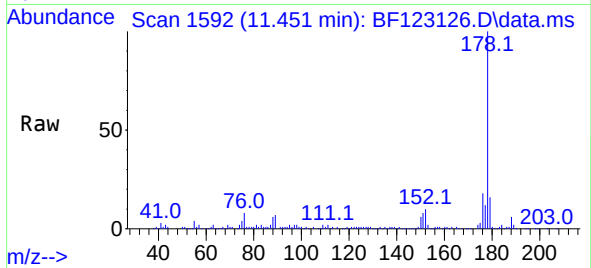
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:188 Resp: 673773
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.5 8.2 12.4

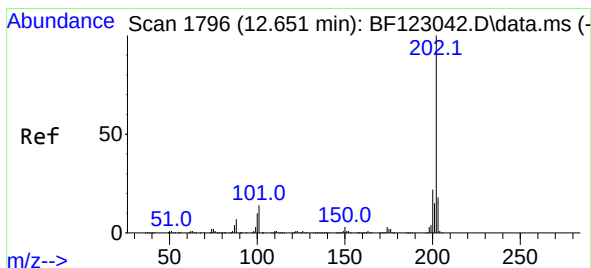
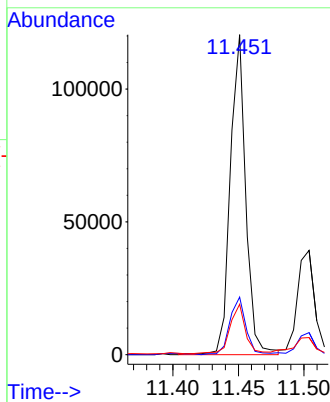
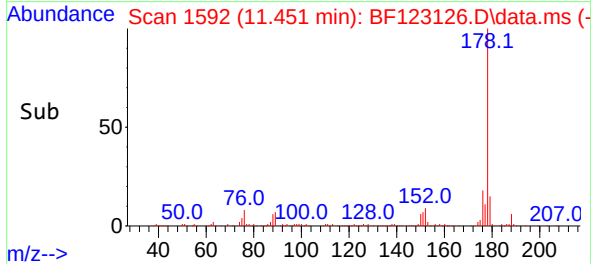




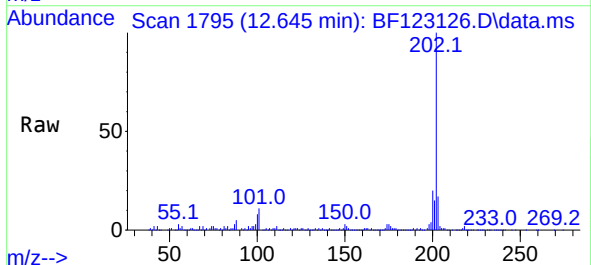
#71
Phenanthrene
Concen: 2.37 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



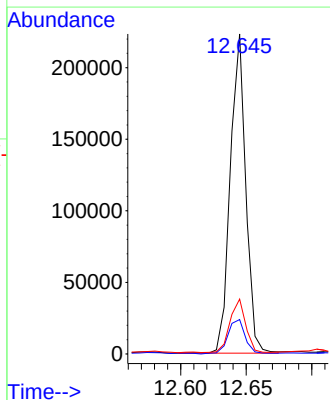
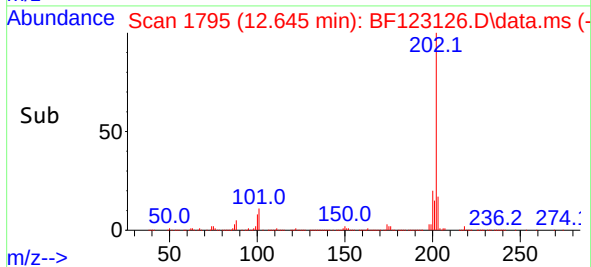
Tgt Ion:178 Resp: 99006
Ion Ratio Lower Upper
178 100
176 18.0 16.2 24.2
179 15.8 12.7 19.1



#75
Fluoranthene
Concen: 4.39 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



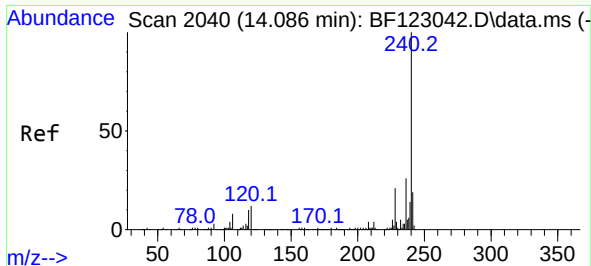
Tgt Ion:202 Resp: 183602
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.2 0.0 38.1



Instrument :
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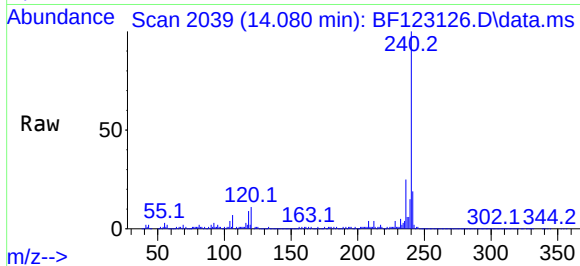
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

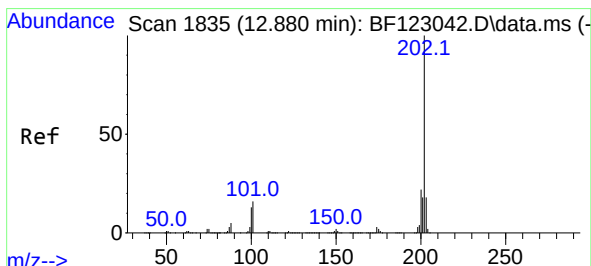
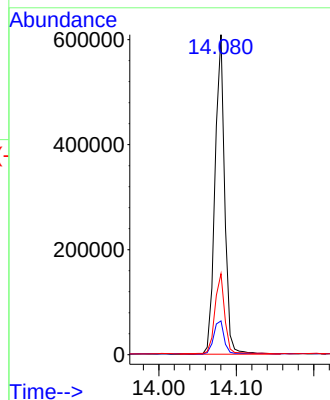
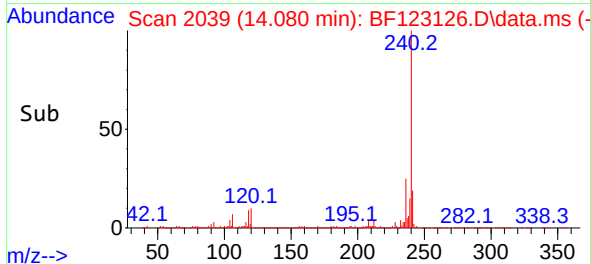
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1



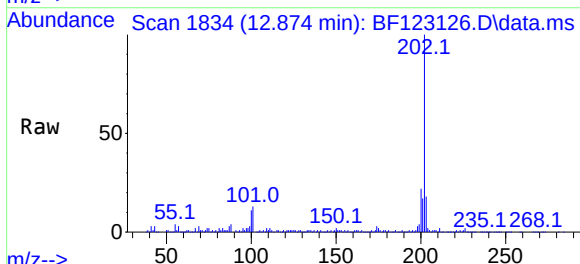
Tgt Ion:240 Resp: 528172
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.3 20.3 30.5

Manual Integrations
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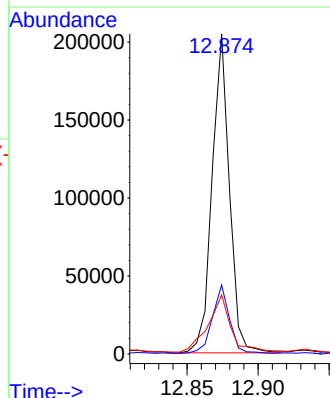
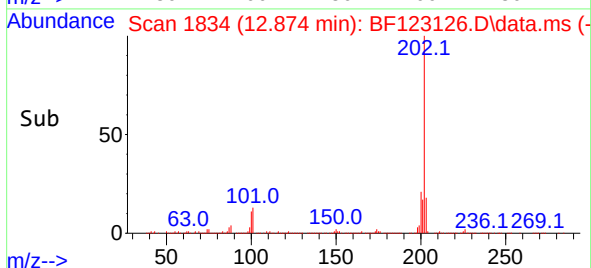
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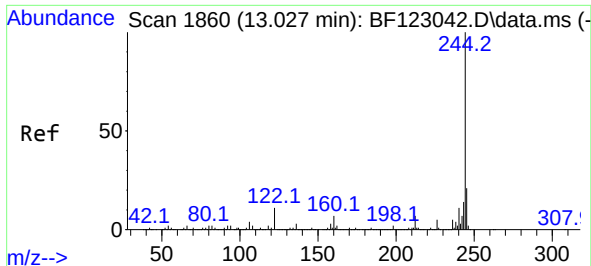


#78
Pyrene
Concen: 4.35 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



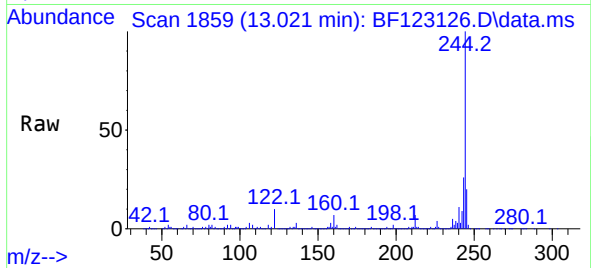
Tgt Ion:202 Resp: 173279
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.5 14.6 21.8





#79
Terphenyl-d14
Concen: 49.98 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

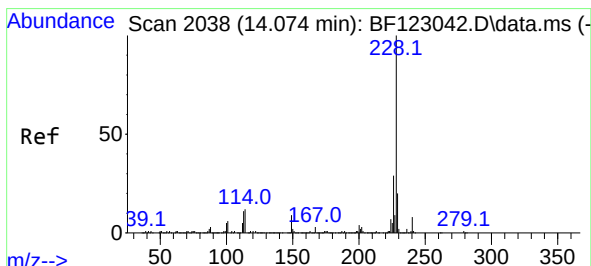
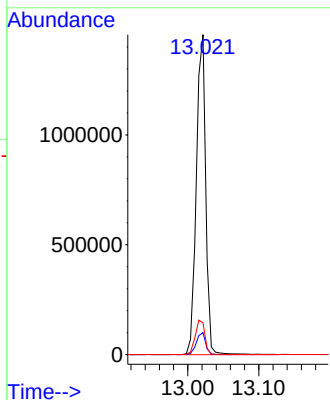
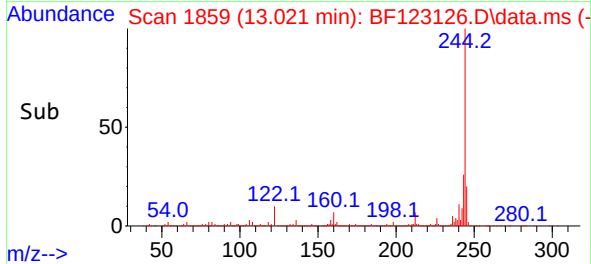
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1



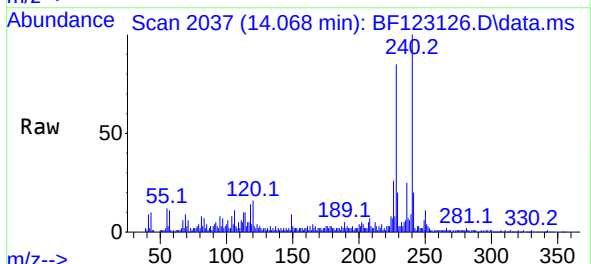
Tgt Ion:244 Resp: 1343671
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.0 8.3 12.5

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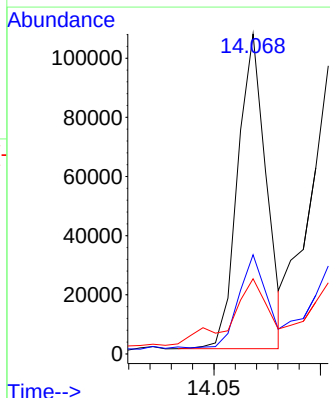
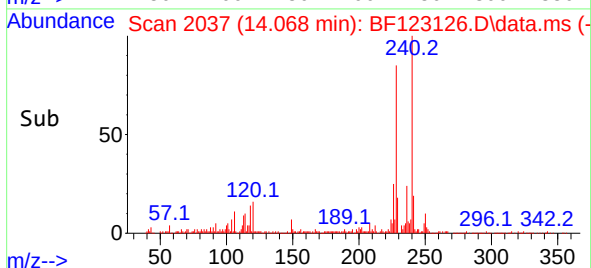
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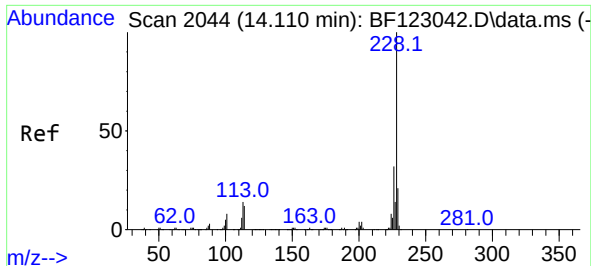


#81
Benzo(a)anthracene
Concen: 2.76 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



Tgt Ion:228 Resp: 98837
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.4
229 23.5 16.6 24.8





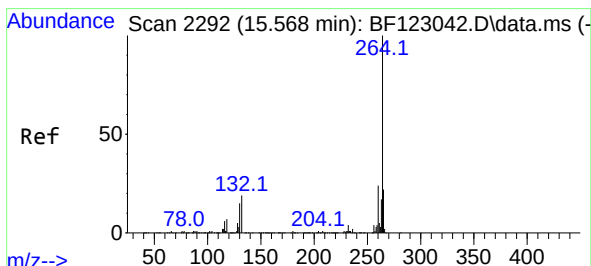
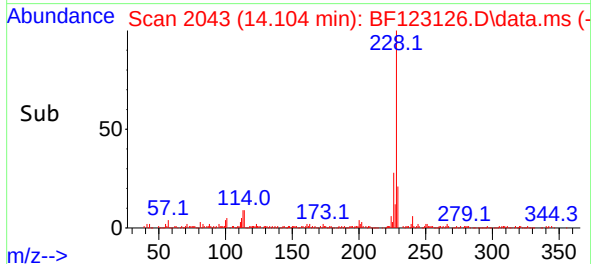
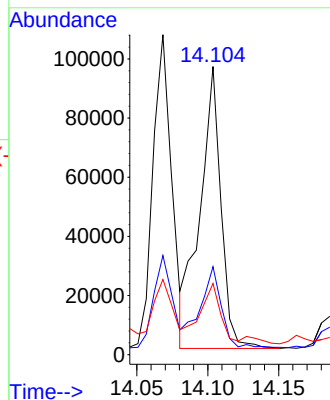
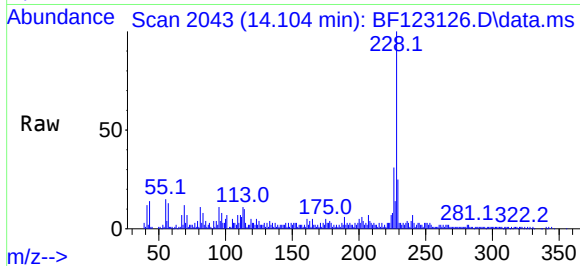
#83
Chrysene
Concen: 2.78 ng m
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:228 Resp: 99560
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 24.7 15.8 23.6#

Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

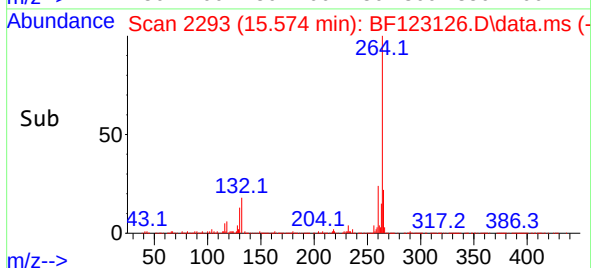
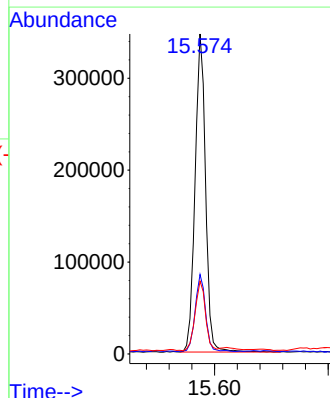
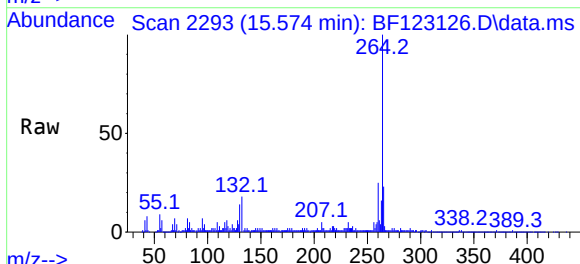
Manual Integrations
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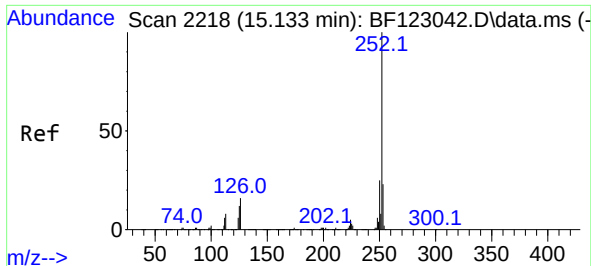
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

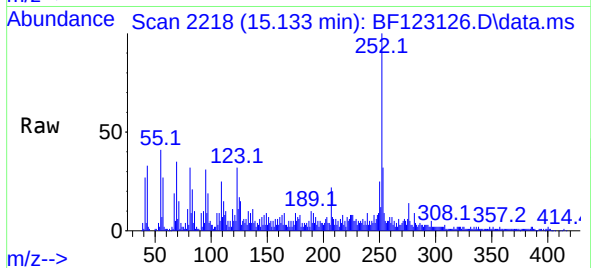
Tgt Ion:264 Resp: 446182
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 22.8 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 3.51 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

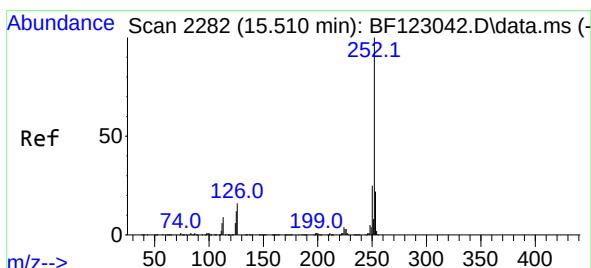
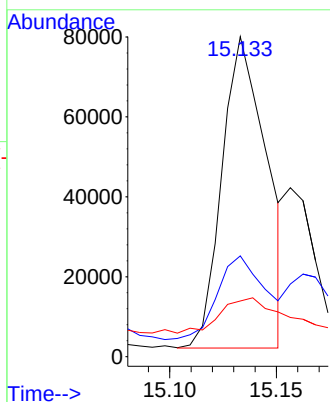
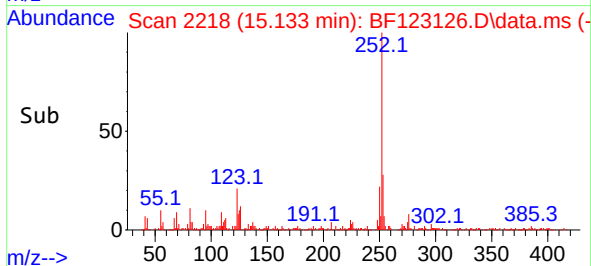
Instrument :
BNA_F
ClientSampled :
JJ_BH_02_0-1



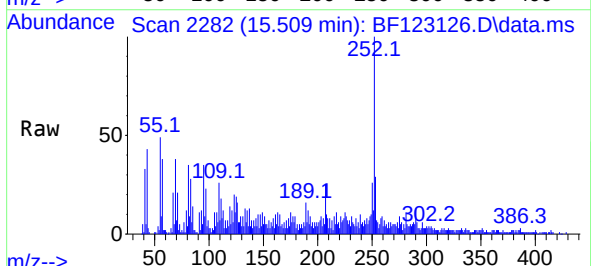
Tgt Ion:252 Resp: 113191
Ion Ratio Lower Upper
252 100
253 31.5 18.3 27.5#
125 17.4 8.1 12.1#

Manual Integrations
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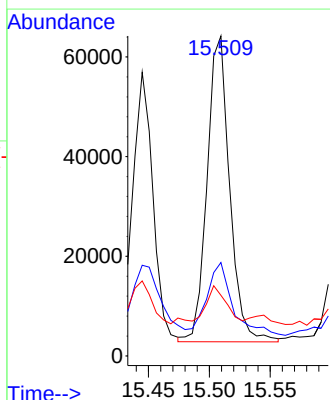
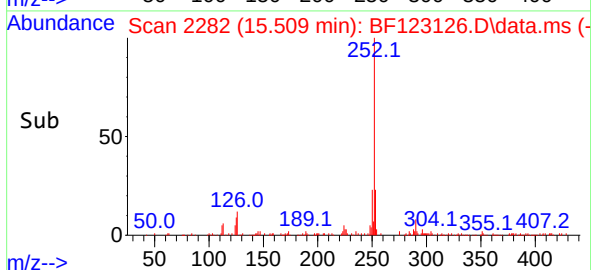
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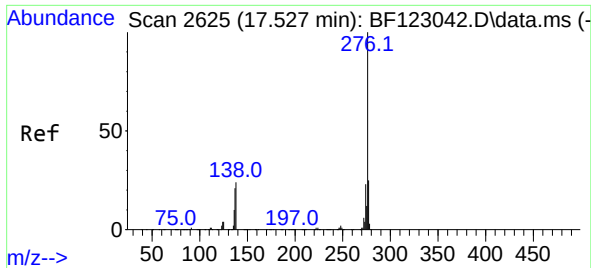


#90
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

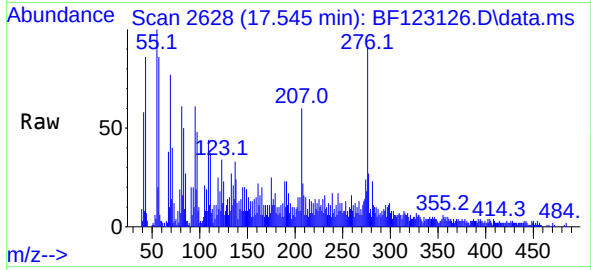


Tgt Ion:252 Resp: 79319
Ion Ratio Lower Upper
252 100
253 29.2 17.5 26.3#
125 18.9 8.6 12.8#

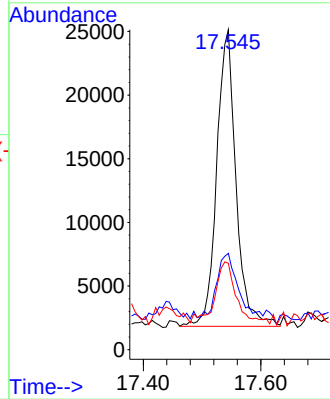
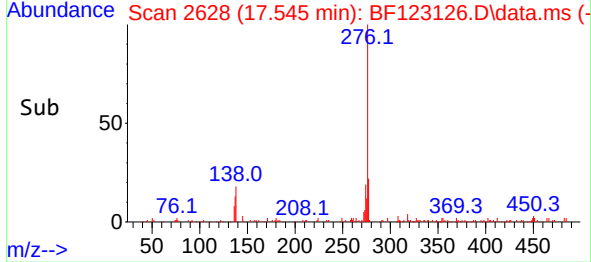




#92
Benzo(g,h,i)perylene
Concen: 2.24 ng
RT: 17.545 min Scan# 2628
Delta R.T. 0.018 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09



Tgt Ion: 276 Resp: 53101
Ion Ratio Lower Upper
276 100
277 30.1 19.3 28.9#
138 27.0 16.6 24.8#



Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

Manual Integrations
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