

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123218.D
 Acq On : 17 Feb 2021 18:19
 Operator : JU/CG
 Sample : M1425-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-COMP

Manual Integrations
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Quant Time: Feb 18 06:37:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	157011	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	645529	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	287821	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	455894	20.00	ng	0.00
76) Chrysene-d12	14.074	240	298266	20.00	ng	# 0.02
86) Perylene-d12	15.562	264	333802	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1024123	98.87	ng	0.00
7) Phenol-d6	6.498	99	974673	71.25	ng	0.00
23) Nitrobenzene-d5	7.428	82	601215	48.94	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240039	77.22	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1010332	52.46	ng	0.00
79) Terphenyl-d14	13.004	244	732529	49.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	30723	3.83	ng	98
10) Phenol	6.504	94	36838	2.45	ng	88
15) Benzyl Alcohol	7.004	79	126201	12.72	ng	96
20) 3+4-Methylphenols	7.269	107	39285	3.32	ng	# 62
50) Dimethylphthalate	9.622	163	48053	2.30	ng	# 98
70) Pentachlorophenol	11.216	266	15805	4.78	ng	97
71) Phenanthrene	11.427	178	95769	3.57	ng	96
74) Di-n-butylphthalate	11.968	149	115559	4.20	ng	# 96
75) Fluoranthene	12.627	202	109337	4.05	ng	92
78) Pyrene	12.857	202	116604	5.29	ng	95
83) Chrysene	14.098	228	46330	2.34	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.051	149	732747	57.90	ng	99
88) Benzo(b)fluoranthene	15.127	252	51661m	2.20	ng	

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

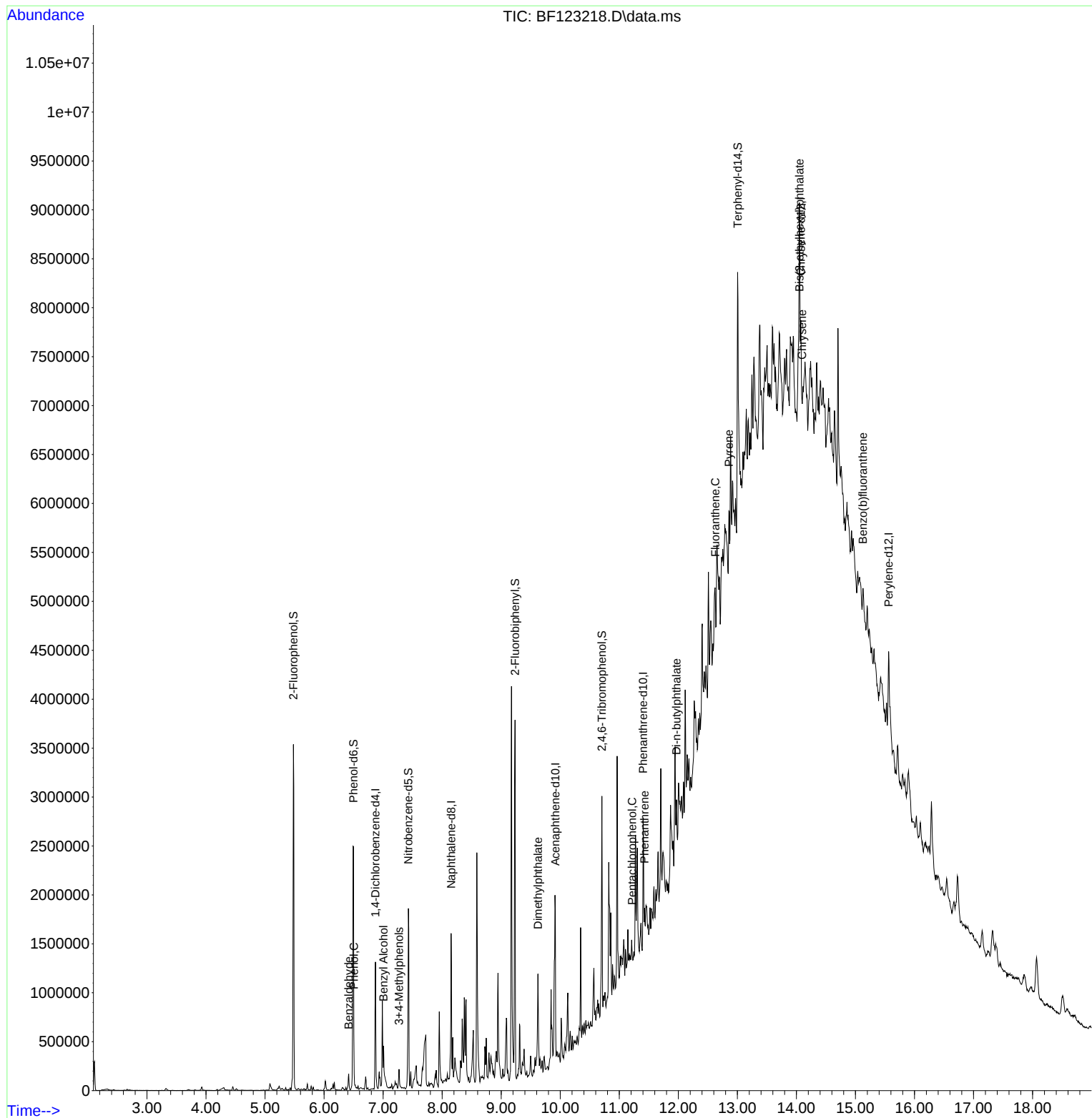
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Data File : BF123218.D
Acq On : 17 Feb 2021 18:19
Operator : JU/CG
Sample : M1425-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

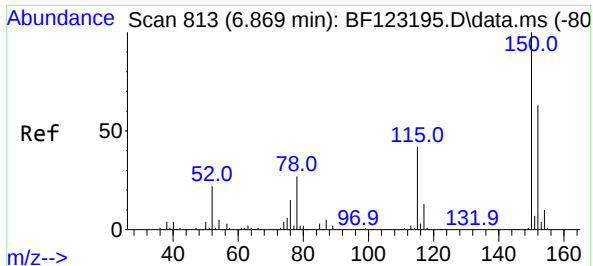
Instrument :
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Quant Time: Feb 18 06:37:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
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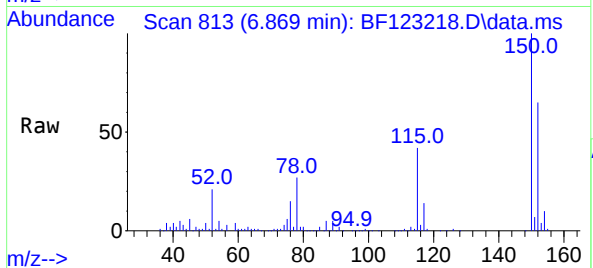
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

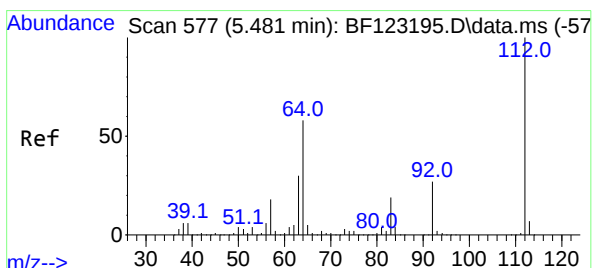
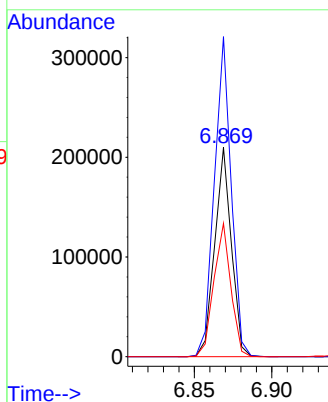
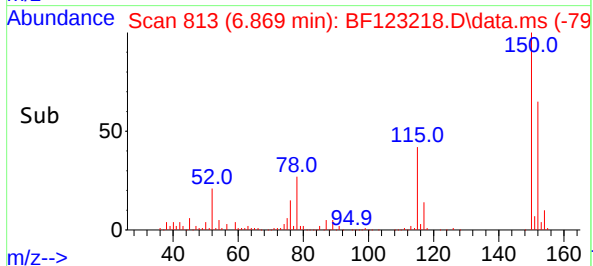
Instrument :
BNA_F
ClientSampleId :
SLUDGE-COMP



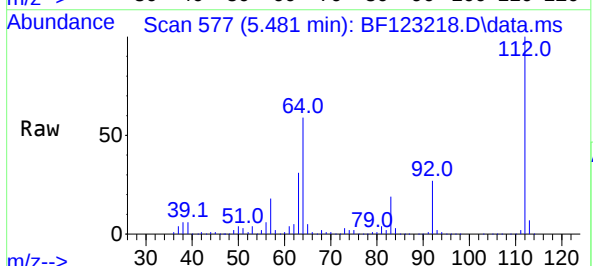
Tgt Ion:152 Resp: 157011
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 63.7 49.3 73.9

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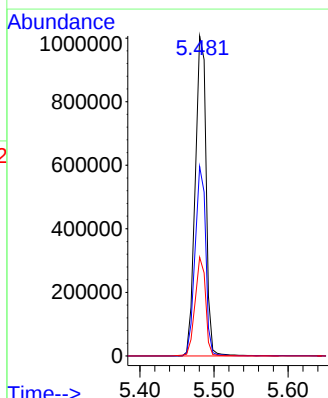
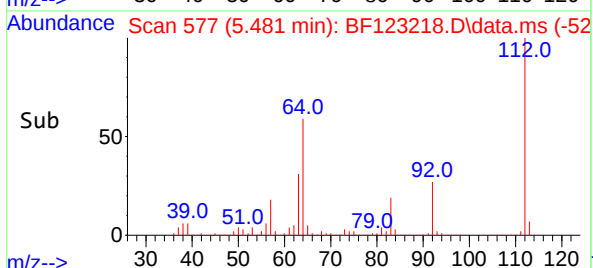
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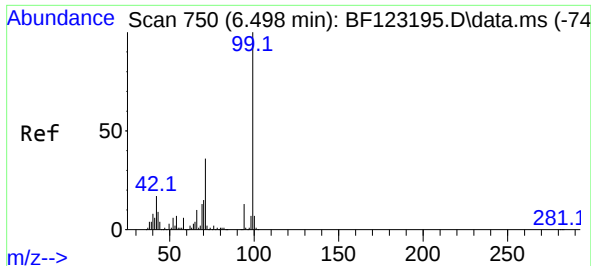


#5
2-Fluorophenol
Concen: 98.87 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



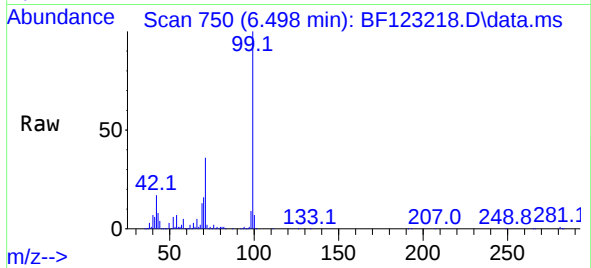
Tgt Ion:112 Resp: 1024123
Ion Ratio Lower Upper
112 100
64 59.2 46.9 70.3
63 30.8 24.5 36.7





#7
Phenol-d6
Concen: 71.25 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Instrument :
BNA_F
ClientSampleId :
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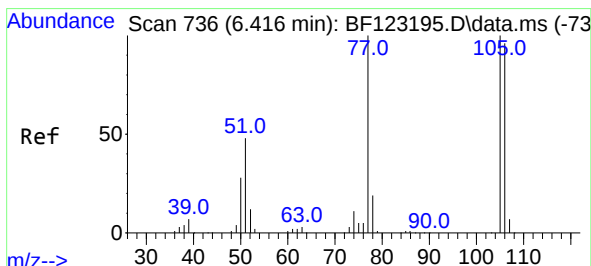
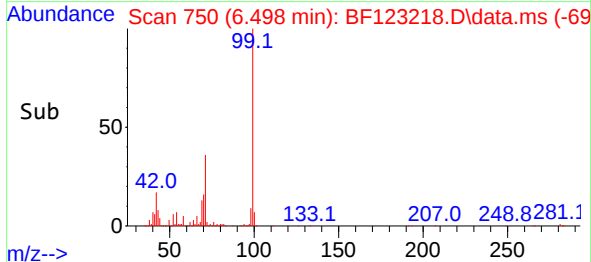
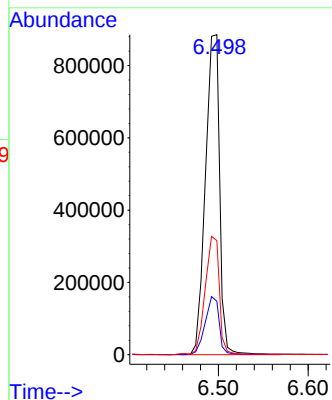


Tgt Ion: 99 Resp: 974673

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	35.7	26.9	40.3

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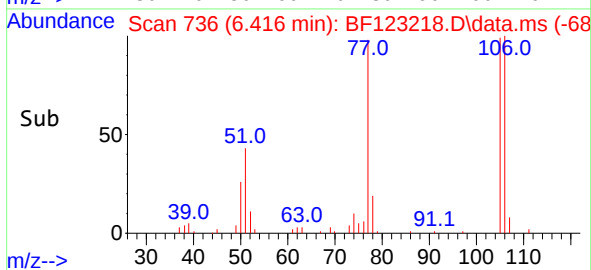
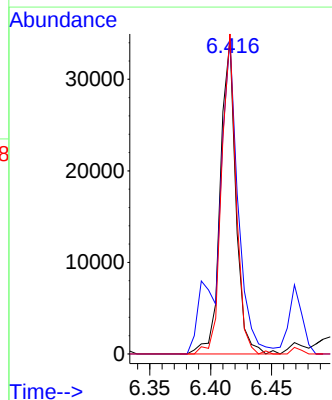
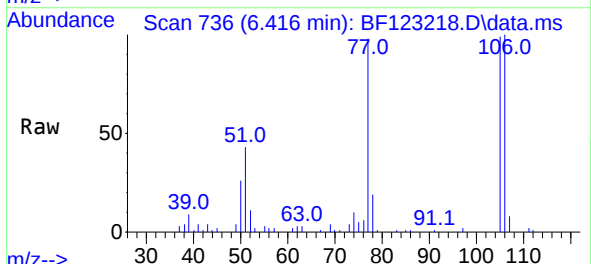
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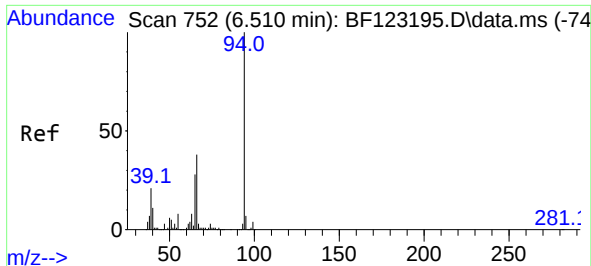


#9
Benzaldehyde
Concen: 3.83 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion: 77 Resp: 30723

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.6	120.6
106	101.9	77.2	117.2





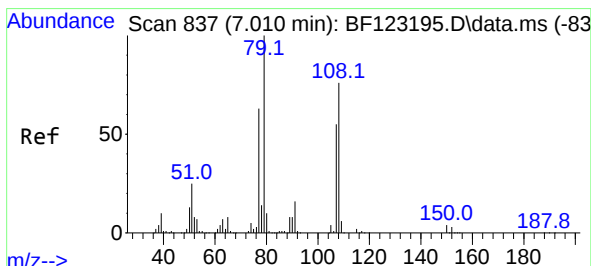
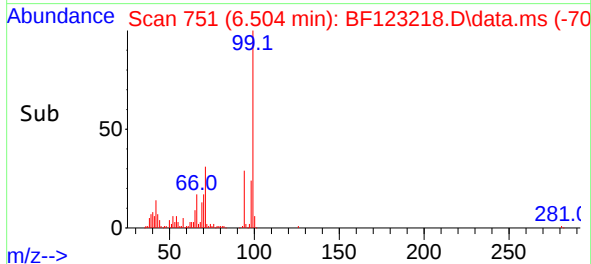
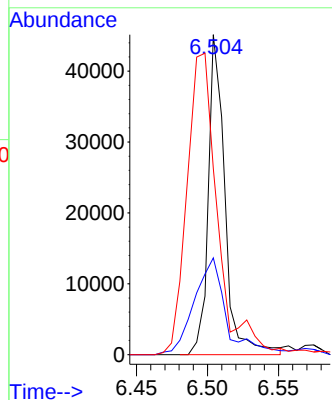
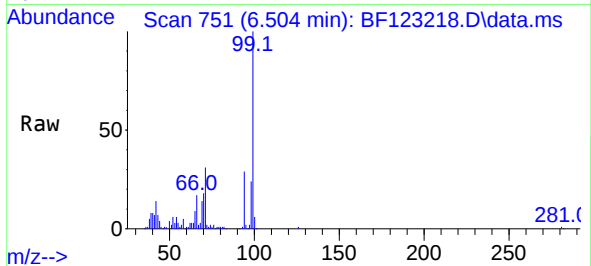
#10
Phenol
Concen: 2.45 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion: 94 Resp: 36838
Ion Ratio Lower Upper
94 100
65 30.2 11.2 51.2
66 58.1 25.8 65.8

Instrument :
BNA_F
ClientSampleId :
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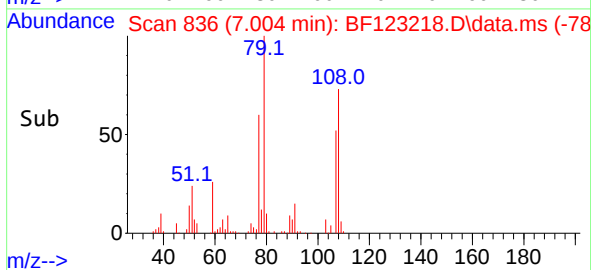
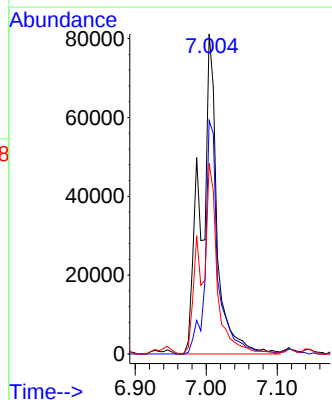
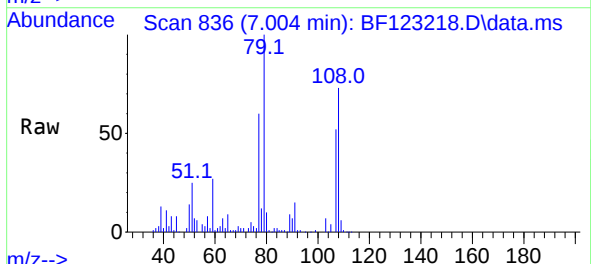
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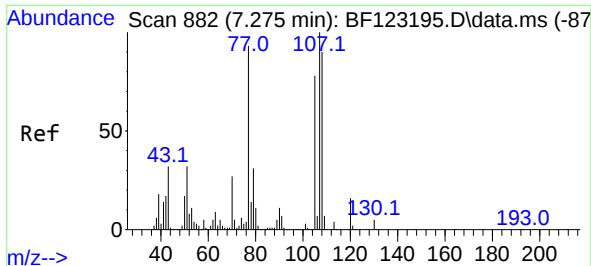
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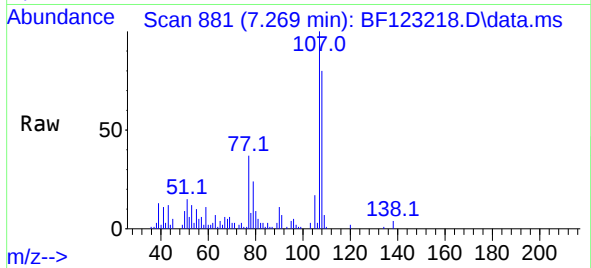
#15
Benzyl Alcohol
Concen: 12.72 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion: 79 Resp: 126201
Ion Ratio Lower Upper
79 100
108 72.9 62.4 93.6
77 59.6 49.0 73.6

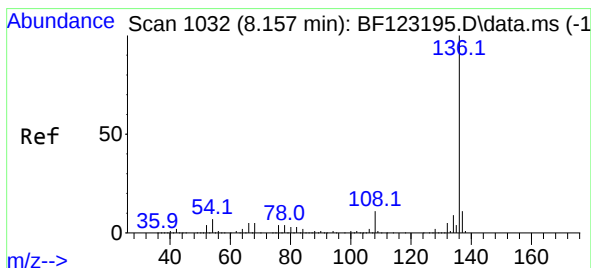
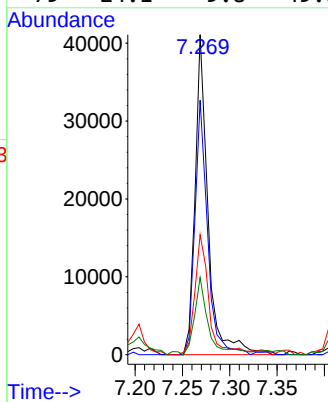
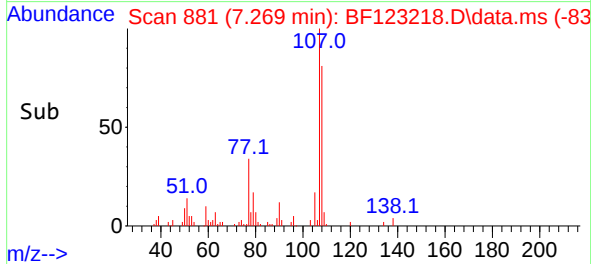




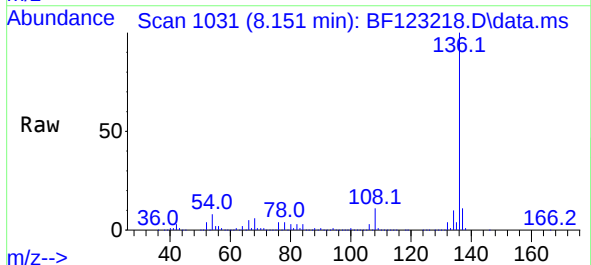
#20
3+4-Methylphenols
Concen: 3.32 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



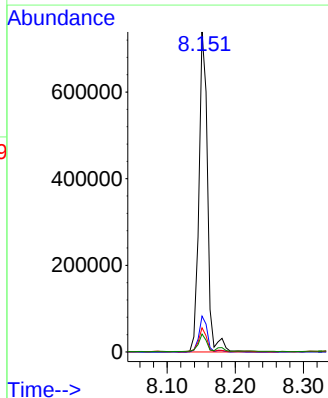
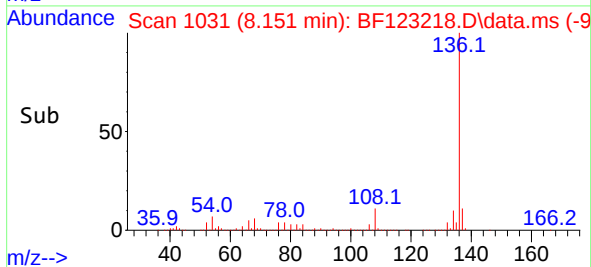
Tgt Ion:107 Resp: 39285
Ion Ratio Lower Upper
107 100
108 79.5 68.7 108.7
77 37.5 89.8 129.8#
79 24.1 9.8 49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



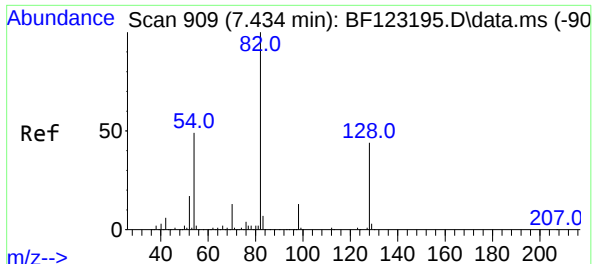
Tgt Ion:136 Resp: 645529
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 5.5 8.3
68 5.6 4.6 6.8



Instrument :
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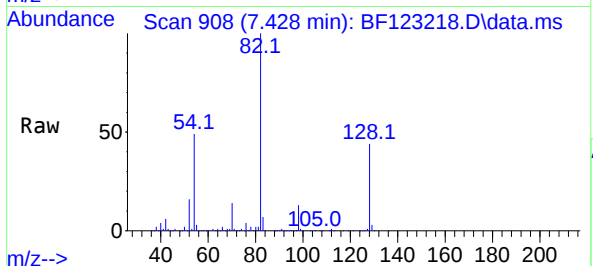
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#23
Nitrobenzene-d5
Concen: 48.94 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

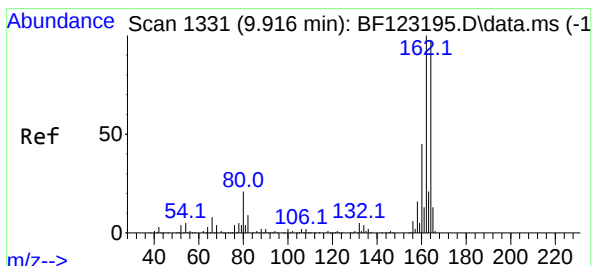
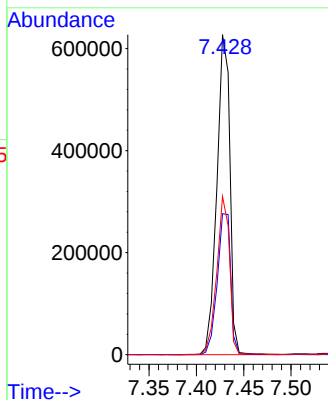
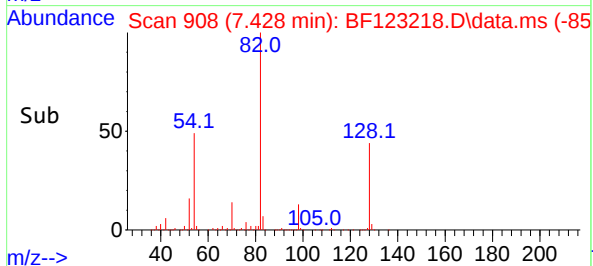
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BNA_F
ClientSampleId :
SLUDGE-COMP



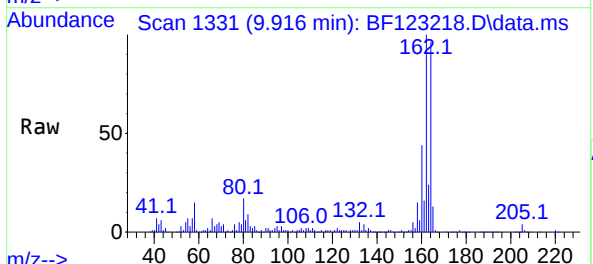
Tgt Ion: 82 Resp: 601215
Ion Ratio Lower Upper
82 100
128 44.1 37.0 55.4
54 49.4 38.4 57.6

Manual Integrations
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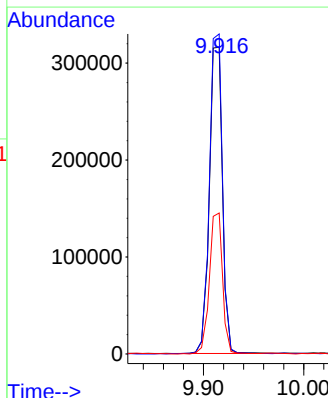
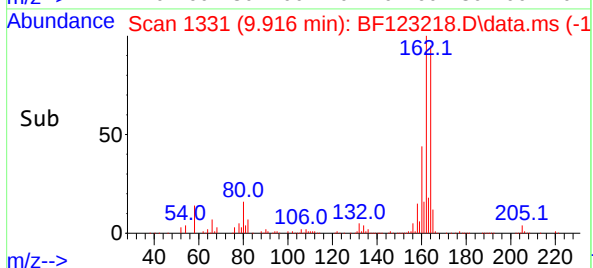
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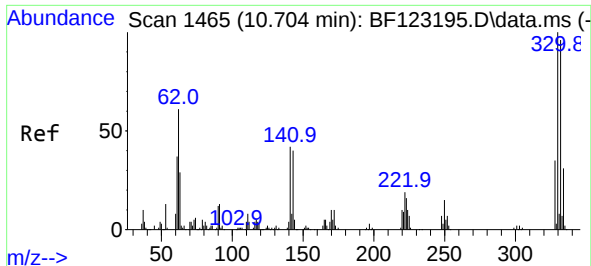


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



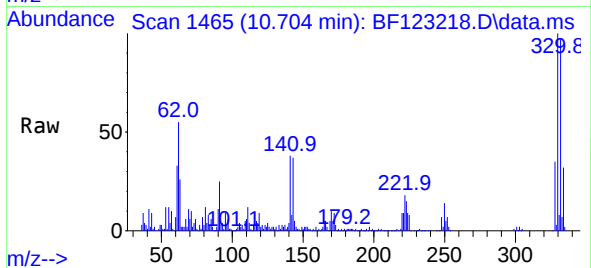
Tgt Ion: 164 Resp: 287821
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 46.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 77.22 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

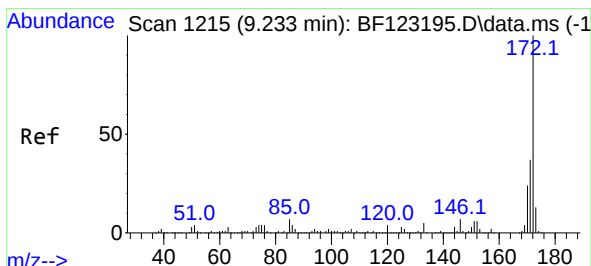
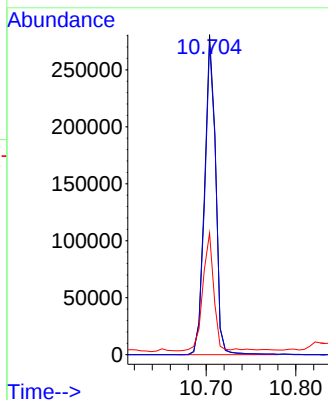
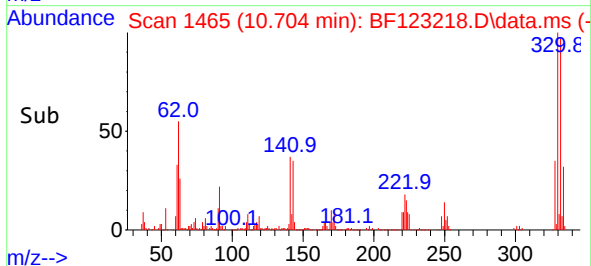
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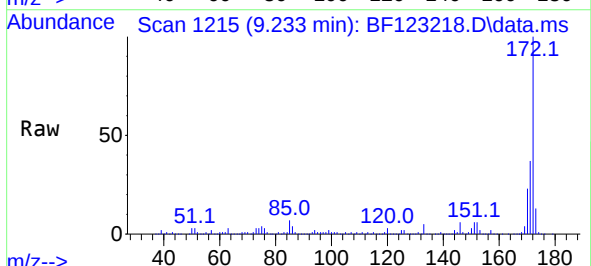
Tgt Ion:330 Resp: 240039
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.1 23.8 35.8#

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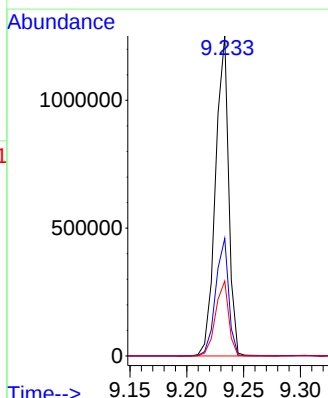
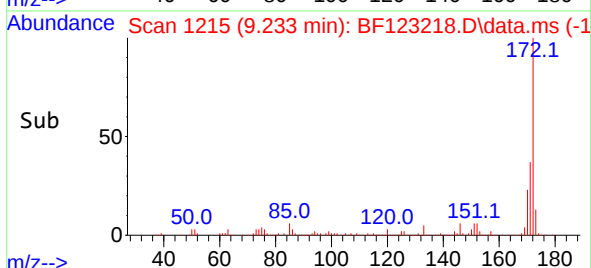
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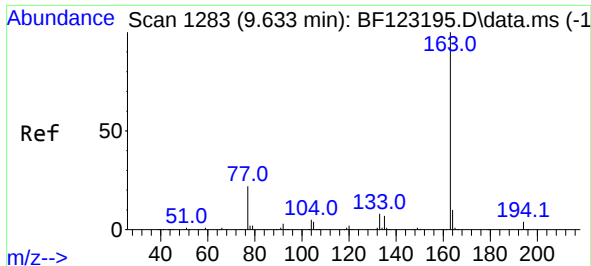


#45
2-Fluorobiphenyl
Concen: 52.46 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



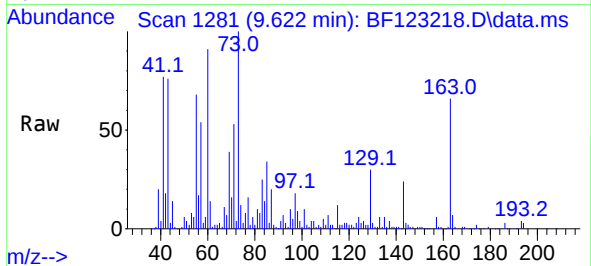
Tgt Ion:172 Resp: 1010332
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.4 19.5 29.3





#50
Dimethylphthalate
Concen: 2.30 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

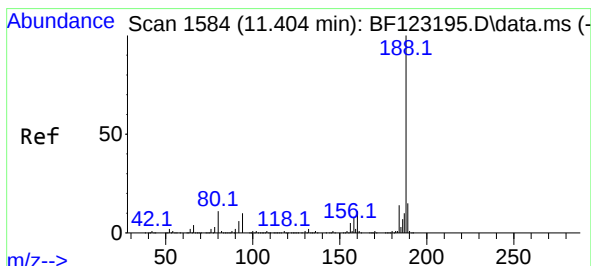
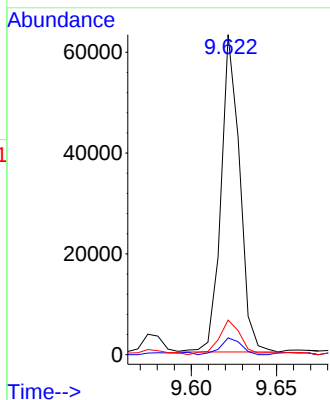
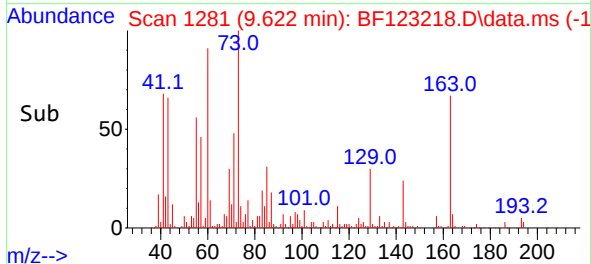
Instrument :
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ClientSampleId :
SLUDGE-COMP



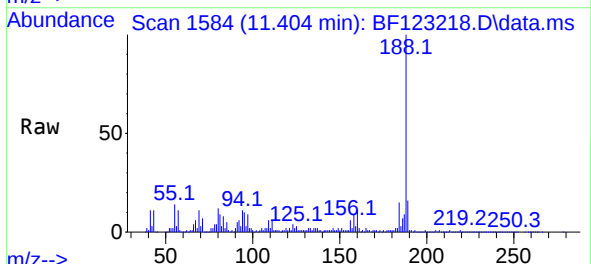
Tgt Ion:163 Resp: 48053
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.0#
164 10.8 8.1 12.1

Manual Integrations
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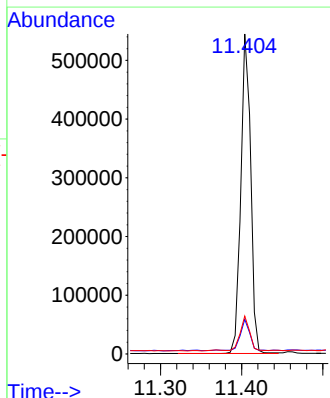
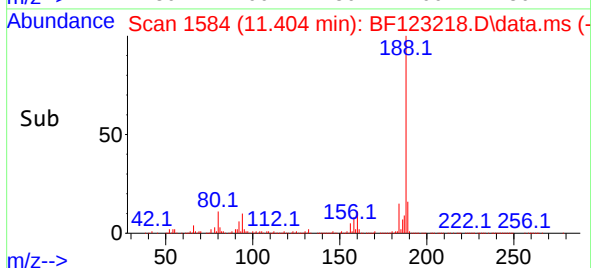
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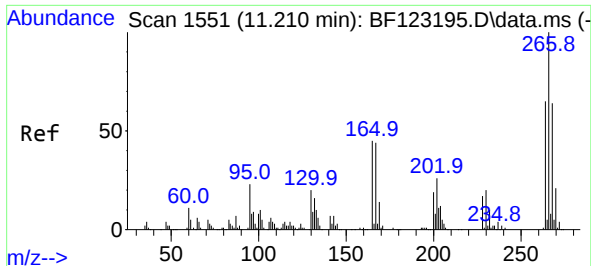


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

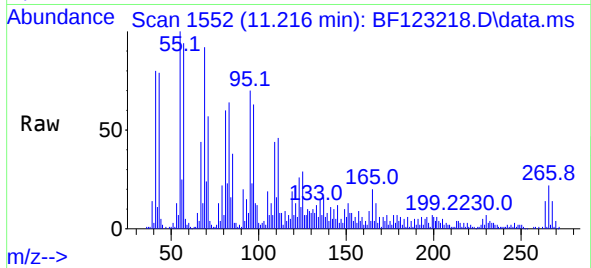


Tgt Ion:188 Resp: 455894
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.8 8.2 12.4

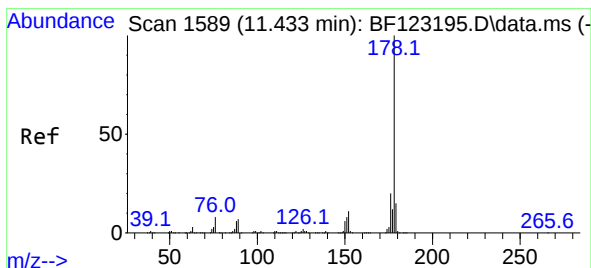
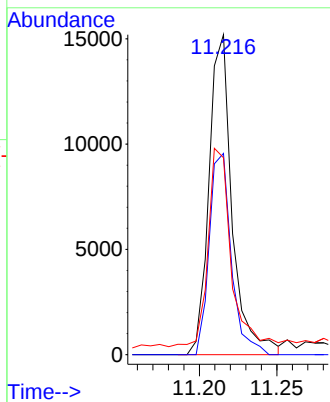
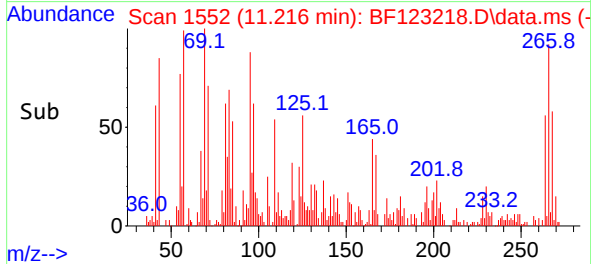




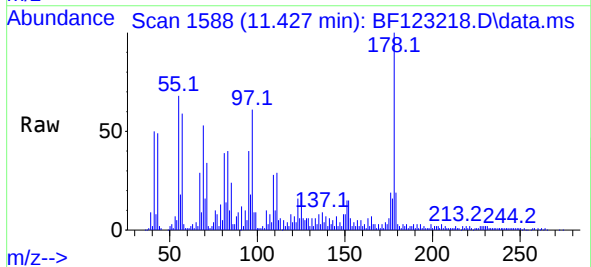
#70
Pentachlorophenol
Concen: 4.78 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



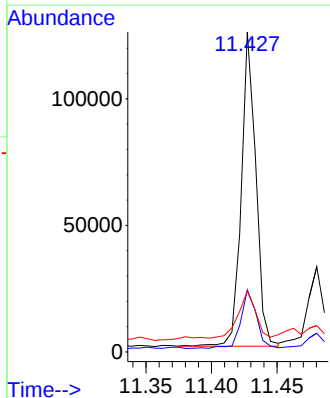
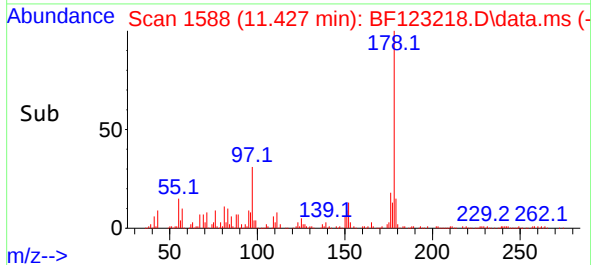
Tgt Ion:266 Resp: 15805
Ion Ratio Lower Upper
266 100
268 62.9 50.5 75.7
264 67.0 49.8 74.8



#71
Phenanthrene
Concen: 3.57 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



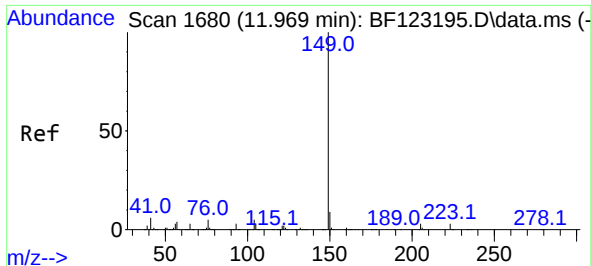
Tgt Ion:178 Resp: 95769
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 19.0 12.7 19.1



Instrument :
BNA_F
ClientSampleId :
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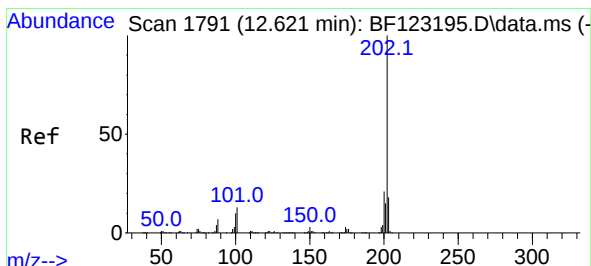
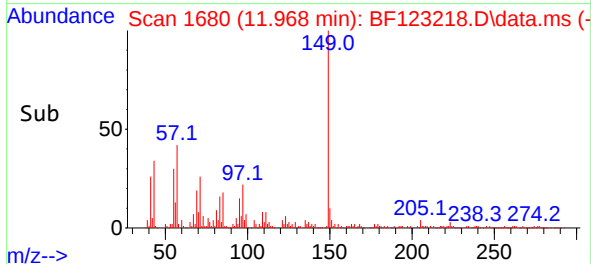
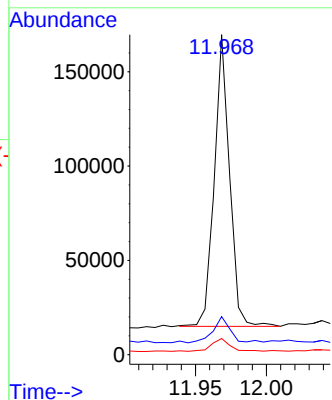
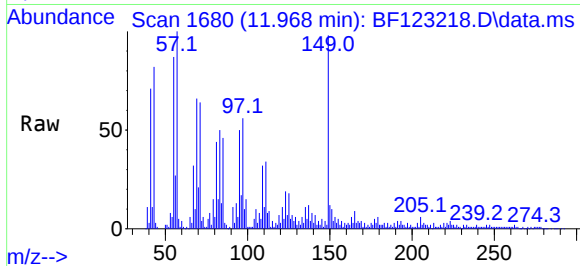
#74
Di-n-butylphthalate
Concen: 4.20 ng
RT: 11.968 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion:149 Resp: 115559
Ion Ratio Lower Upper
149 100
150 11.9 7.8 11.6#
104 5.1 4.2 6.4

Instrument :
BNA_F
ClientSampleId :
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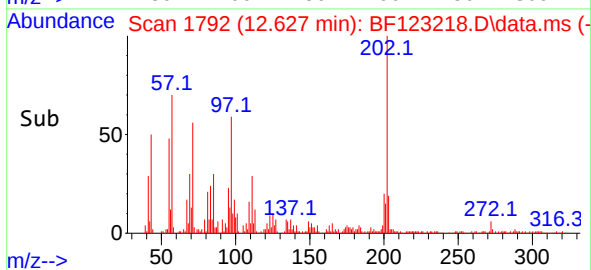
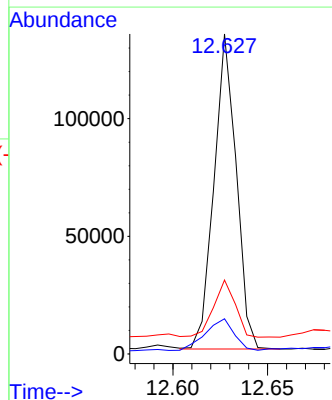
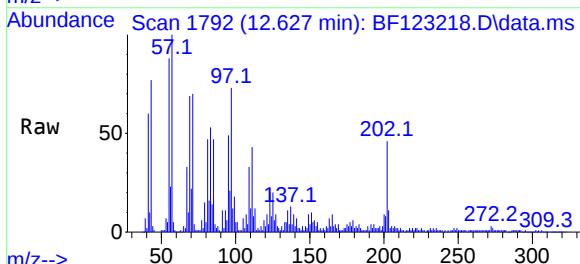
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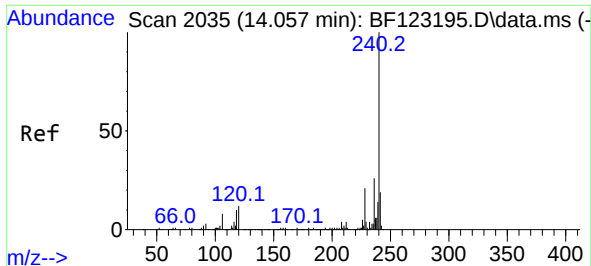
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#75
Fluoranthene
Concen: 4.05 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

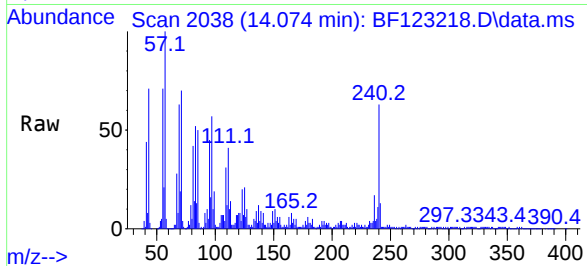
Tgt Ion:202 Resp: 109337
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 23.1 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.017 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

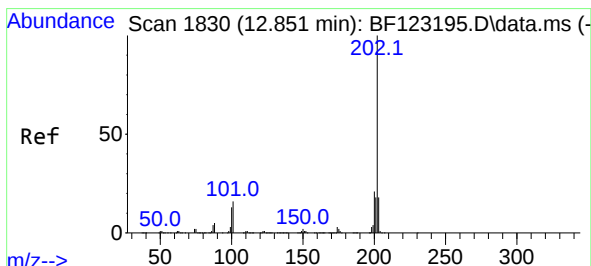
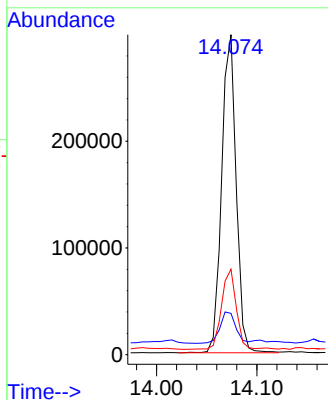
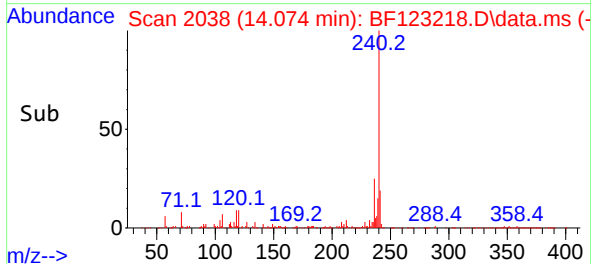
Instrument :
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ClientSampleId :
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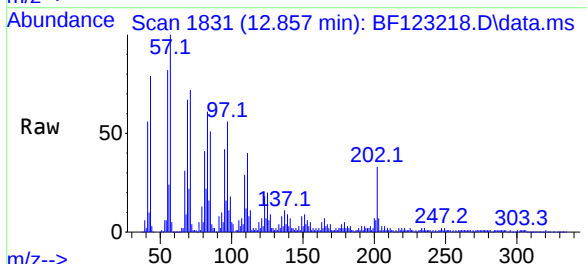
Tgt Ion:240 Resp: 298266
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 26.7 20.3 30.5

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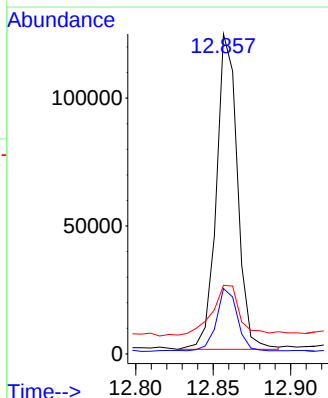
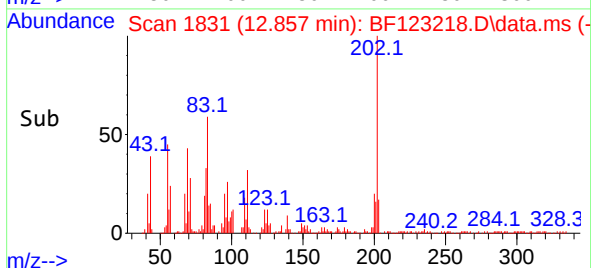
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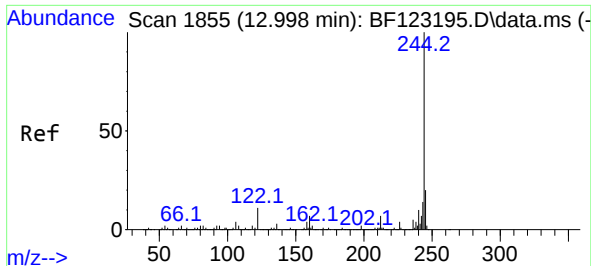


#78
Pyrene
Concen: 5.29 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



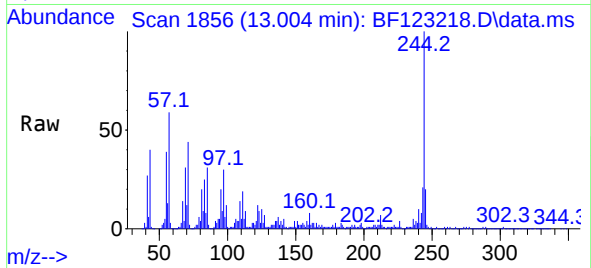
Tgt Ion:202 Resp: 116604
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 21.4 14.6 21.8





#79
Terphenyl-d14
Concen: 49.22 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

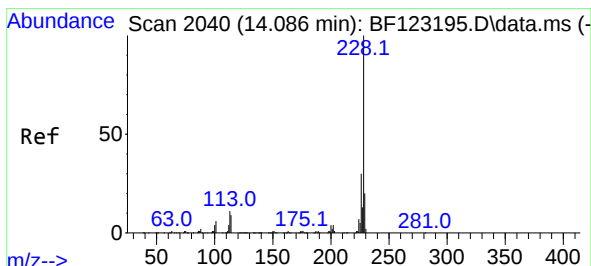
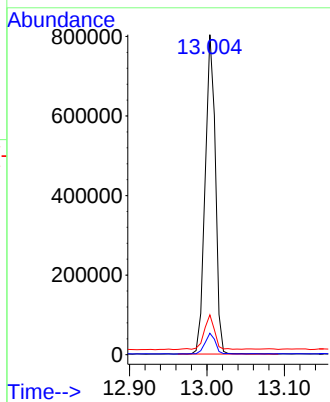
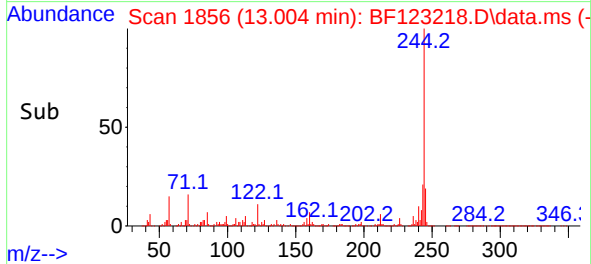
Instrument :
BNA_F
ClientSampleId :
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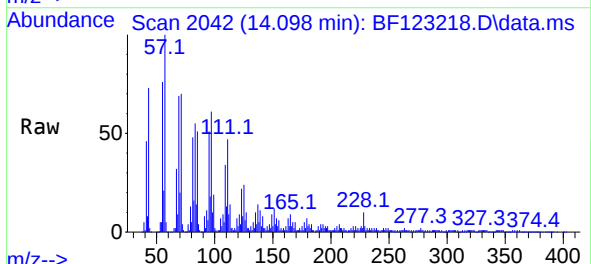
Tgt Ion:244 Resp: 732529
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 12.5 8.3 12.5

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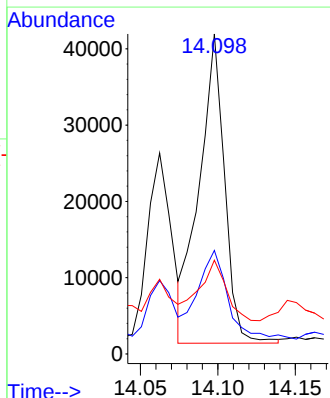
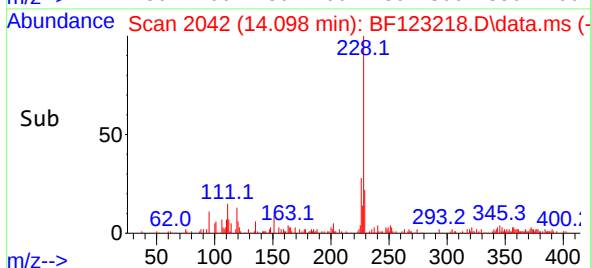
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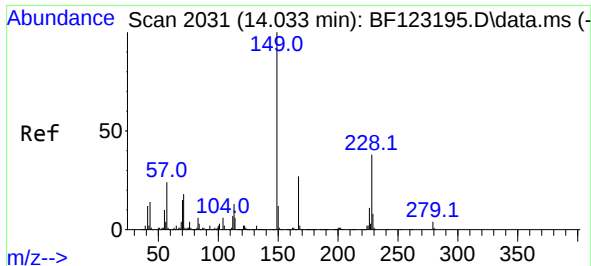


#83
Chrysene
Concen: 2.34 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



Tgt Ion:228 Resp: 46330
Ion Ratio Lower Upper
228 100
226 32.3 24.6 36.8
229 29.3 15.8 23.6#





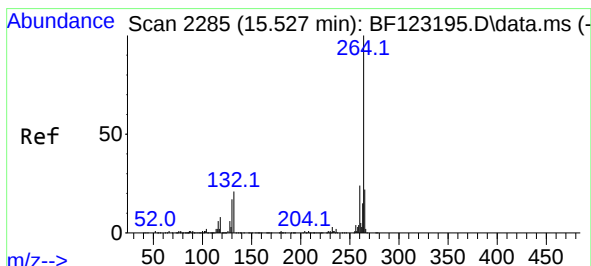
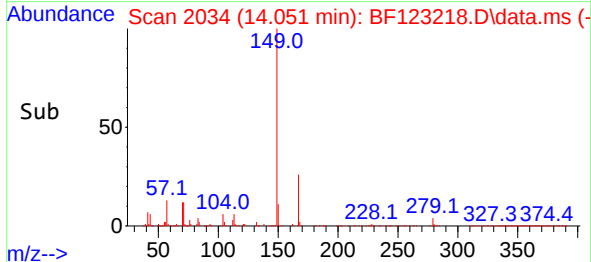
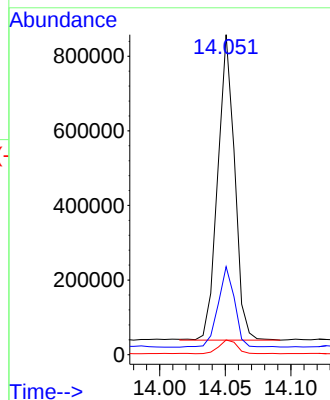
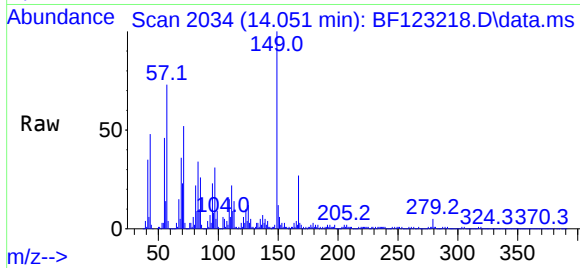
#84
Bis(2-ethylhexyl)phthalate
Concen: 57.90 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.018 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion:149 Resp: 732747
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.2
279 4.6 3.4 5.0

Instrument :
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ClientSampleId :
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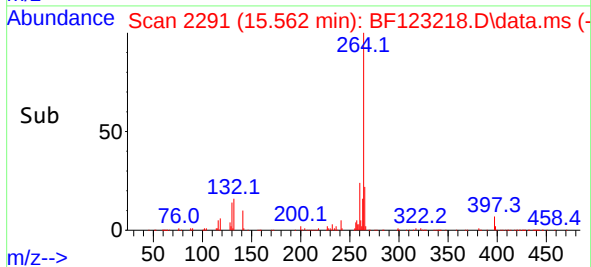
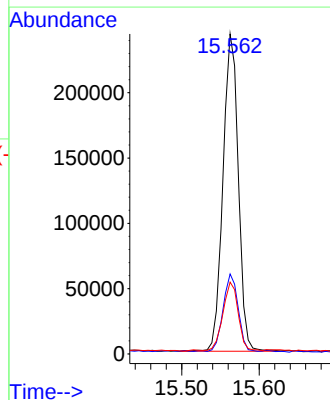
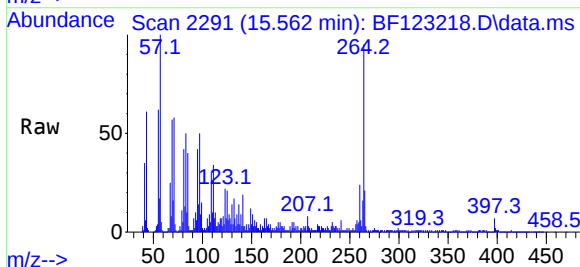
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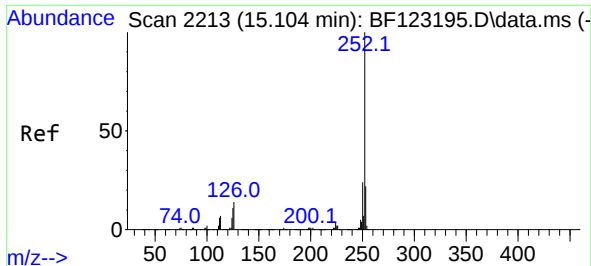
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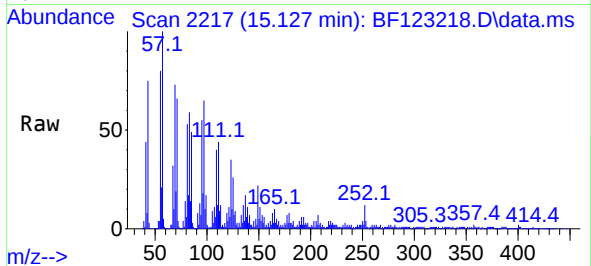
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.035 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19

Tgt Ion:264 Resp: 333802
Ion Ratio Lower Upper
264 100
260 25.0 18.6 28.0
265 22.5 17.0 25.6

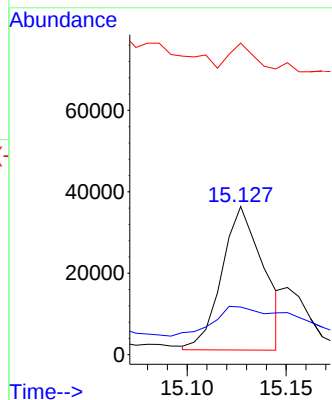
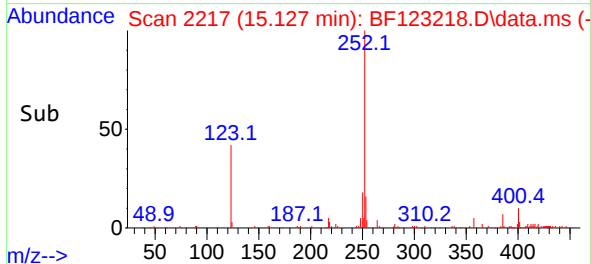




#88
Benzo(b)fluoranthene
Concen: 2.20 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.023 min
Lab File: BF123218.D
Acq: 17 Feb 2021 18:19



Tgt Ion: 252 Resp: 51661
Ion Ratio Lower Upper
252 100
253 32.2 18.3 27.5#
125 210.2 8.1 12.1#



Instrument :
BNA_F
ClientSampleId :
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