

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122195.D
 Acq On : 30 Oct 2020 22:54
 Operator : JU/CG
 Sample : L4565-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-063-B

Manual Integrations
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Quant Time: Oct 31 02:59:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	95460	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	367883	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	176029	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	270540	20.00	ng	0.00
76) Chrysene-d12	13.880	240	190505	20.00	ng	0.00
86) Perylene-d12	15.315	264	209125	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	516726	79.89	ng	0.00
7) Phenol-d6	6.369	99	649833	78.05	ng	0.00
23) Nitrobenzene-d5	7.281	82	409422	57.08	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	145051	66.61	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	662064	55.34	ng	0.00
79) Terphenyl-d14	12.816	244	464069	46.42	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.387	94	38689	4.50	ng	91
35) Caprolactam	8.457	113	4825	2.70	ng	95
50) Dimethylphthalate	9.469	163	127205	9.88	ng	99
71) Phenanthrene	11.257	178	54901	3.70	ng	98
75) Fluoranthene	12.451	202	137887	8.67	ng	96
78) Pyrene	12.680	202	120875	8.33	ng	98
81) Benzo(a)anthracene	13.869	228	68049	5.45	ng	96
83) Chrysene	13.910	228	60159	4.91	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	48531m	3.57	ng	
88) Benzo(b)fluoranthene	14.910	252	87503m	6.19	ng	
89) Benzo(k)fluoranthene	14.939	252	32904m	2.45	ng	
90) Benzo(a)pyrene	15.263	252	68002	5.57	ng	98
92) Benzo(g,h,i)perylene	17.174	276	44901	4.01	ng	95

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

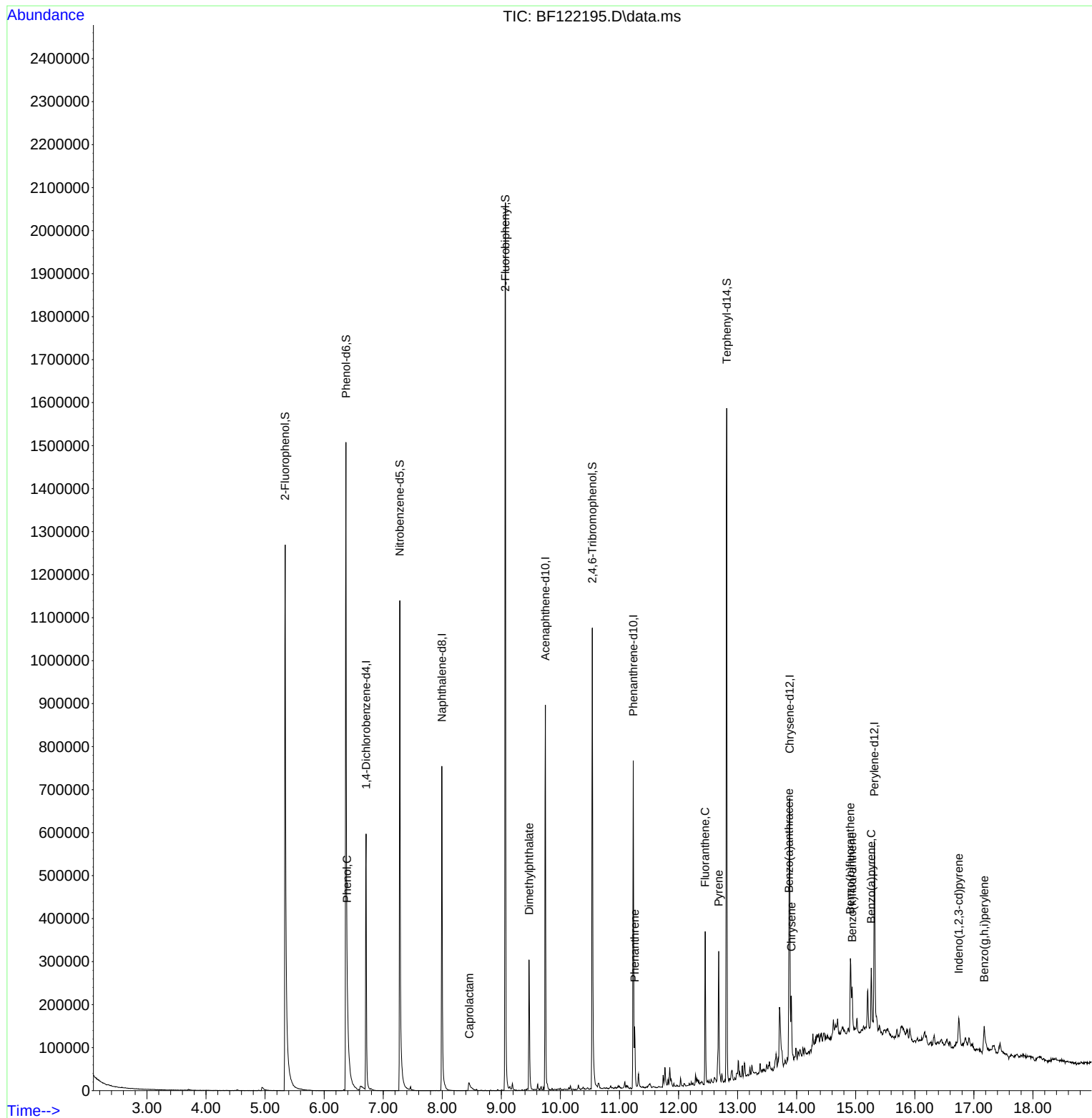
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122195.D
Acq On : 30 Oct 2020 22:54
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

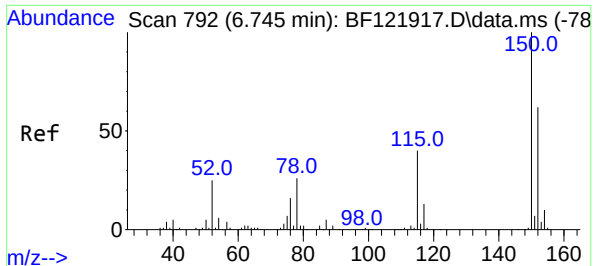
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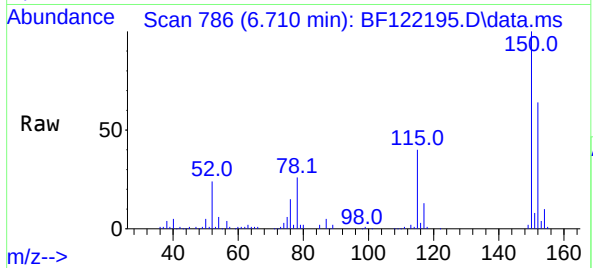
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Quant Time: Oct 31 02:59:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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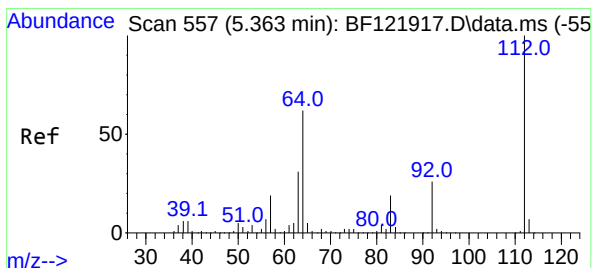
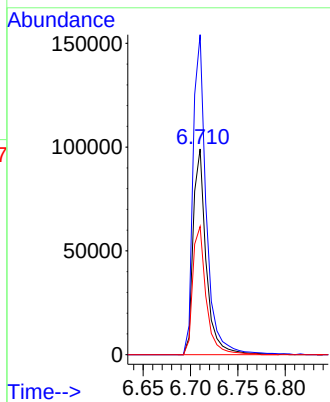
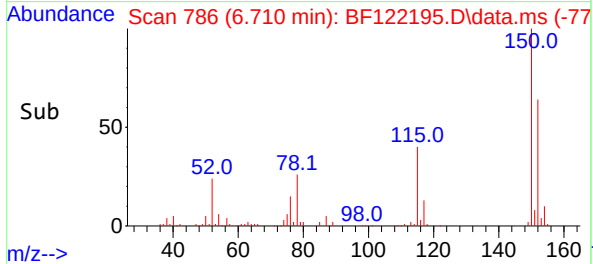




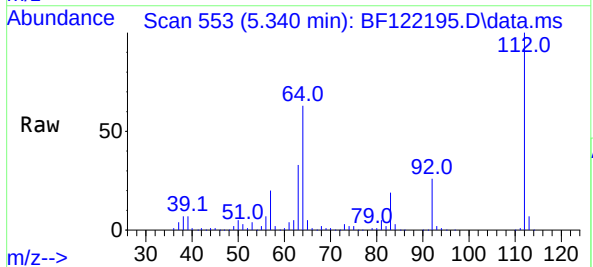
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



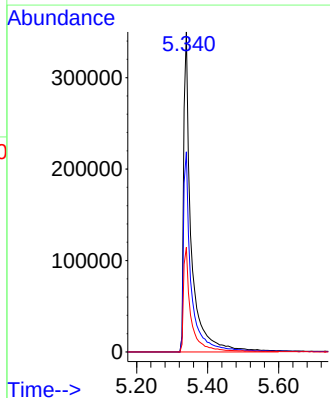
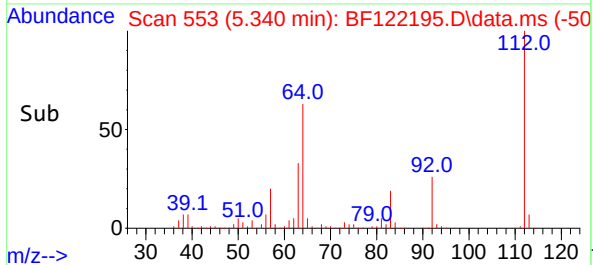
Tgt Ion:152 Resp: 95460
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 62.2 51.9 77.9



#5
2-Fluorophenol
Concen: 79.89 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



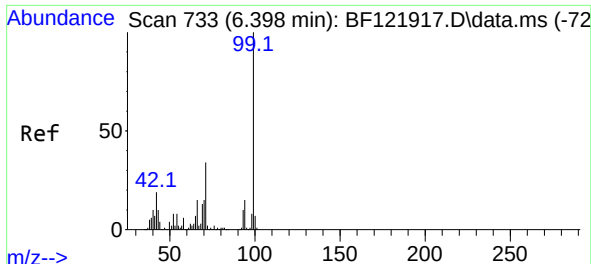
Tgt Ion:112 Resp: 516726
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 32.7 25.8 38.6



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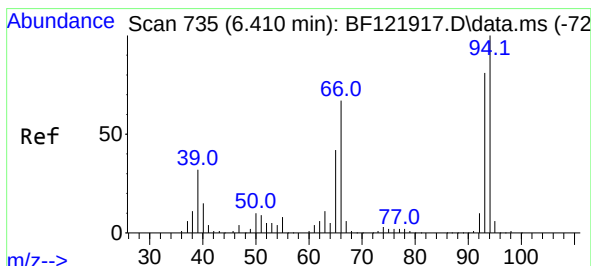
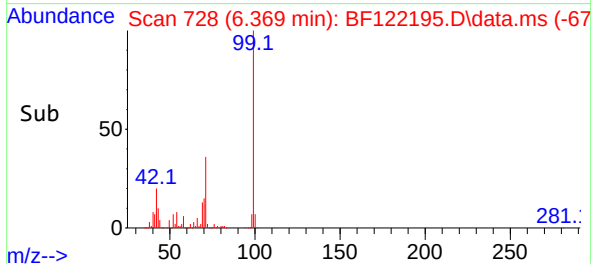
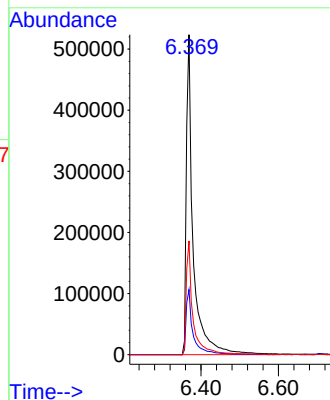
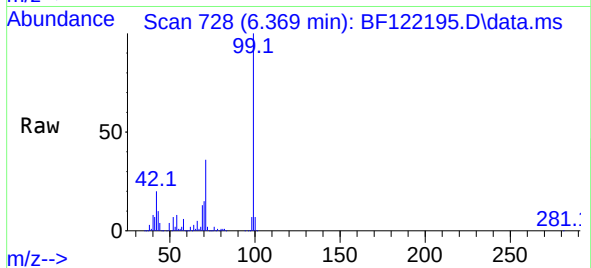
#7
Phenol-d6
Concen: 78.05 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	99	Resp:	649833
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.9	23.9
71	35.6	27.1	40.7

Instrument :
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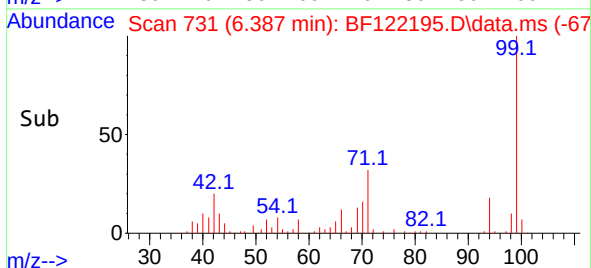
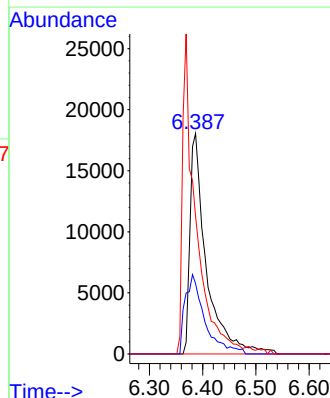
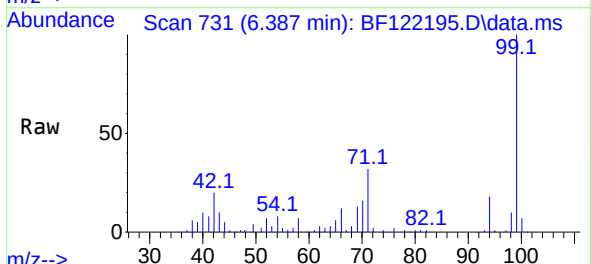
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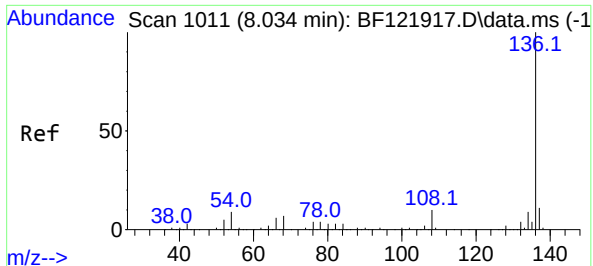
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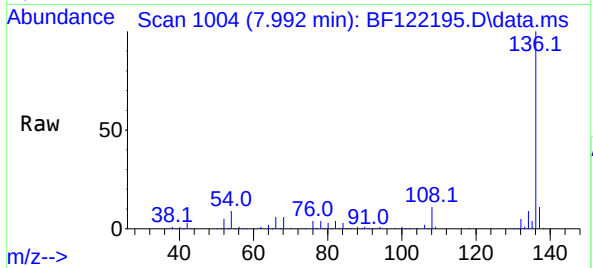
#10
Phenol
Concen: 4.50 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	94	Resp:	38689
Ion	Ratio	Lower	Upper
94	100		
65	31.9	17.1	57.1
66	62.4	36.0	76.0

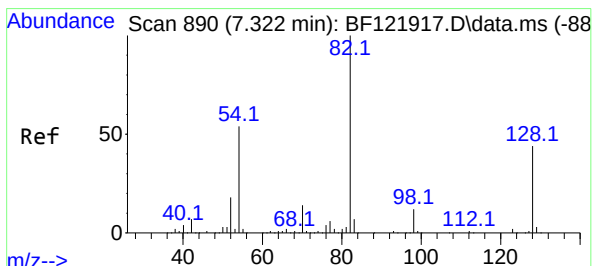
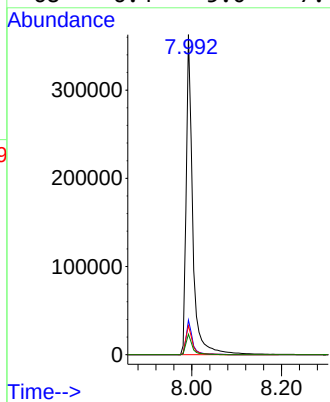
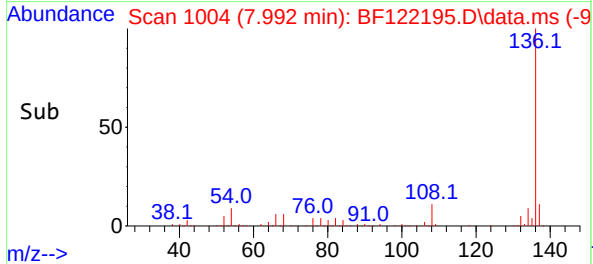




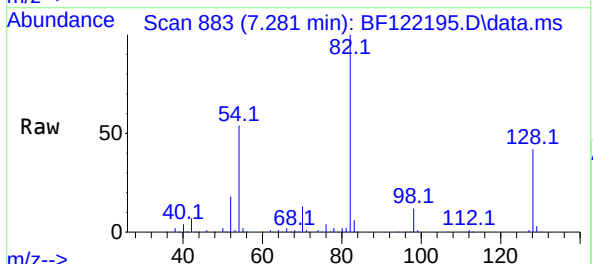
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



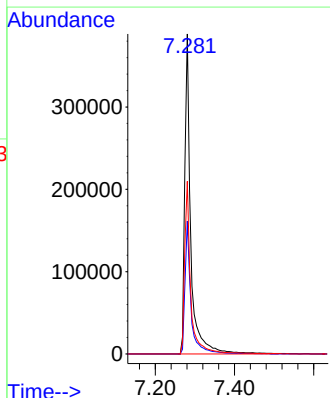
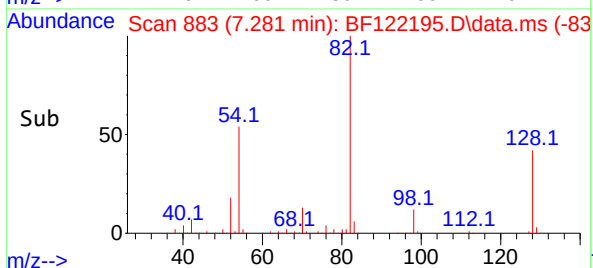
Tgt Ion: 136 Resp: 367883
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 57.08 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



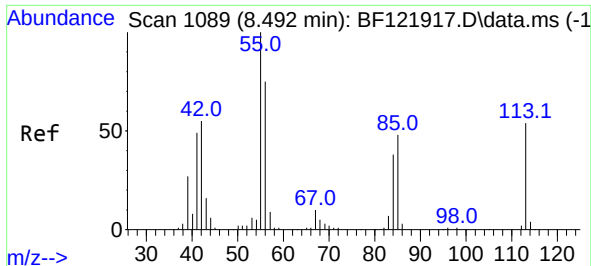
Tgt Ion: 82 Resp: 409422
Ion Ratio Lower Upper
82 100
128 41.6 35.0 52.4
54 54.0 43.9 65.9



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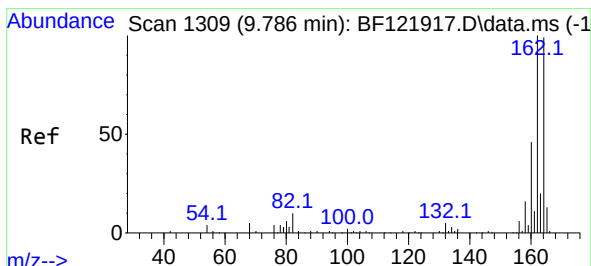
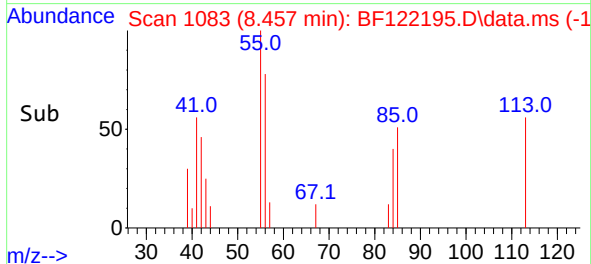
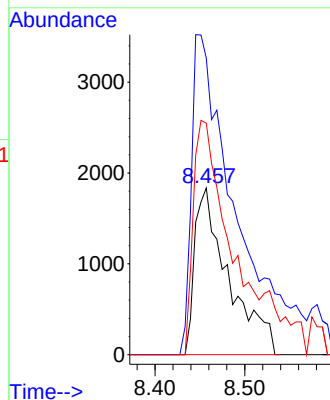
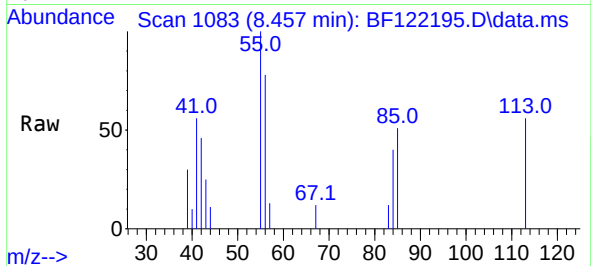
#35
Caprolactam
Concen: 2.70 ng
RT: 8.457 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF122195.D
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Tgt Ion:113 Resp: 4825
Ion Ratio Lower Upper
113 100
55 178.0 167.5 207.5
56 138.9 121.2 161.2

Instrument :
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ClientSampleId :
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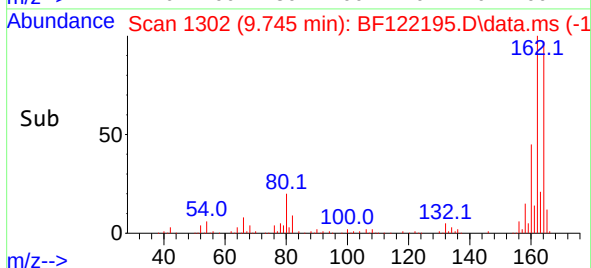
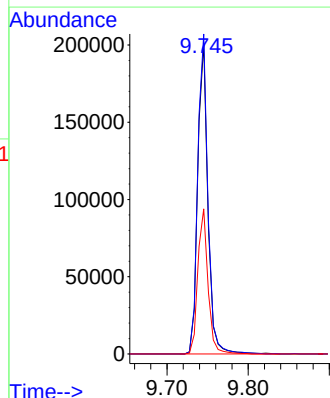
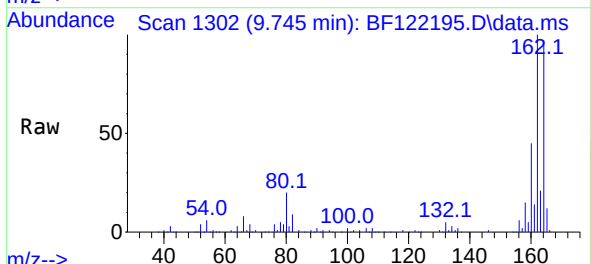
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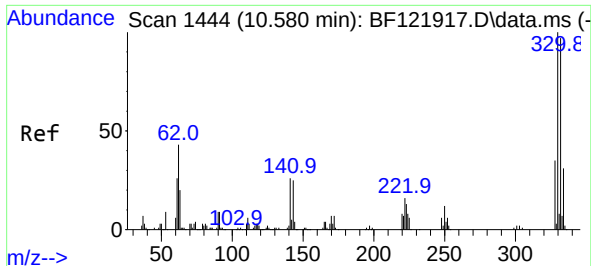
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

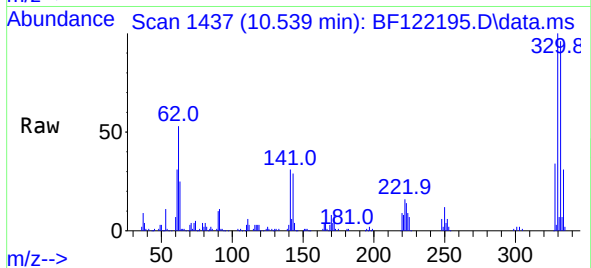
Tgt Ion:164 Resp: 176029
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.8 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 66.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

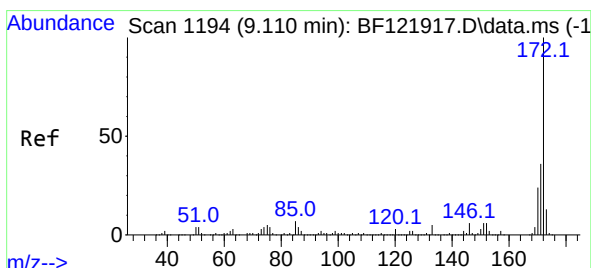
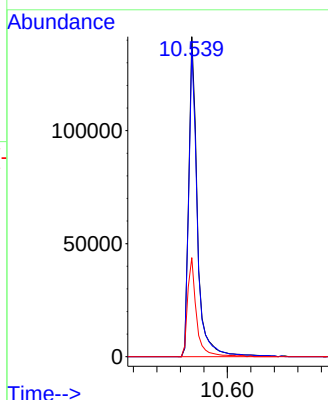
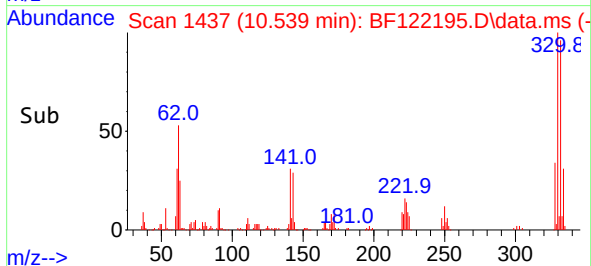
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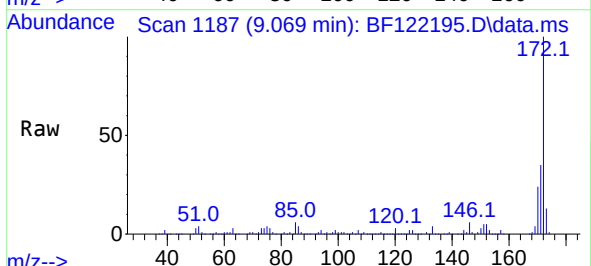
Tgt Ion:330 Resp: 145051
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.7 22.3 33.5

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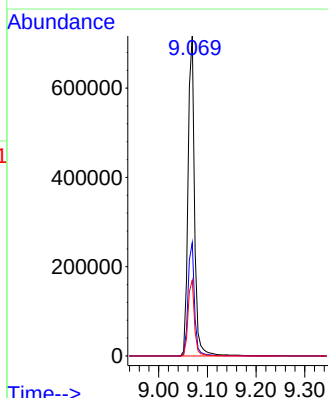
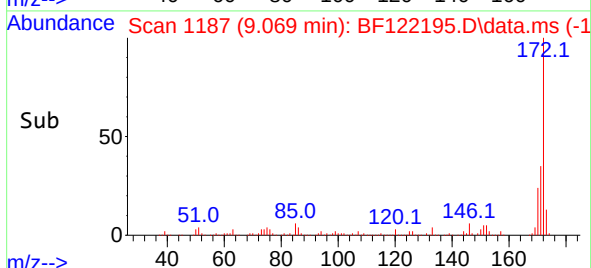
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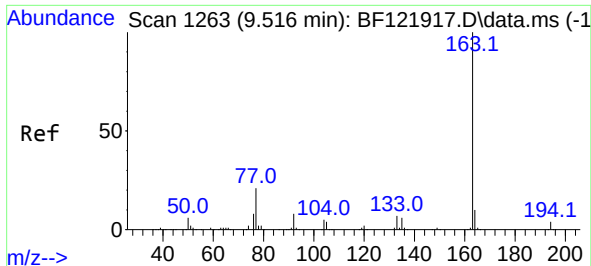


#45
2-Fluorobiphenyl
Concen: 55.34 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



Tgt Ion:172 Resp: 662064
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.7 19.8 29.6





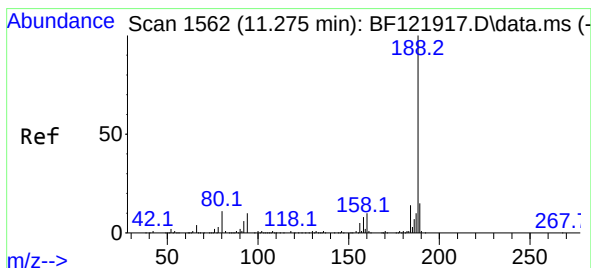
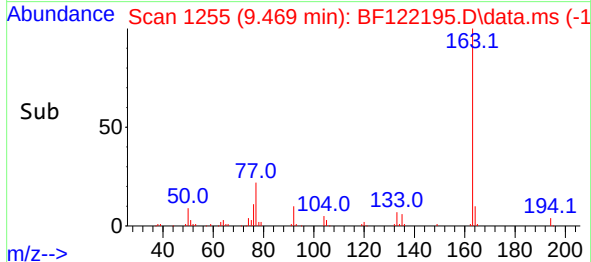
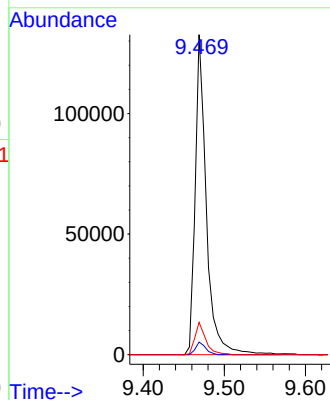
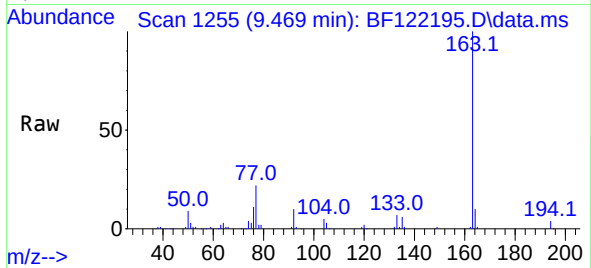
#50
Dimethylphthalate
Concen: 9.88 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:163 Resp: 127205
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4

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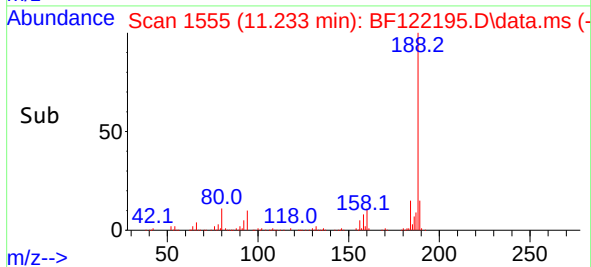
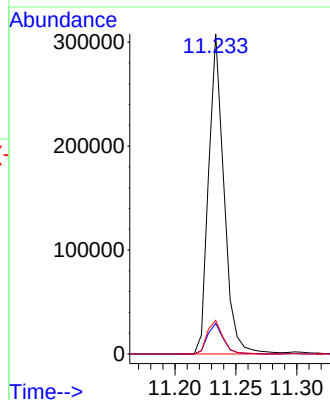
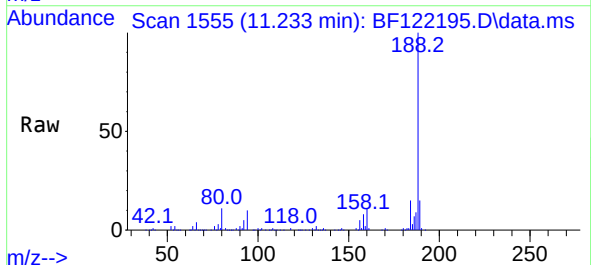
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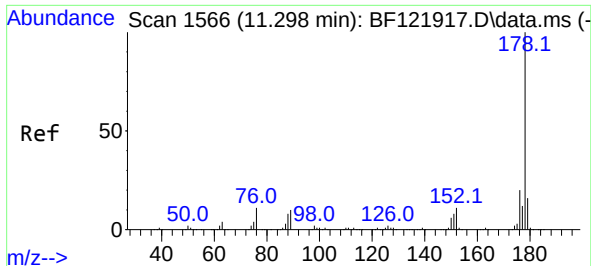
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

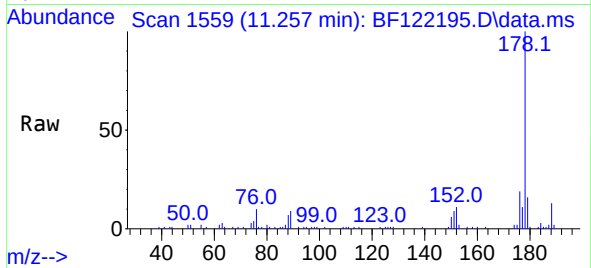
Tgt Ion:188 Resp: 270540
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.5 9.1 13.7





#71
Phenanthrene
Concen: 3.70 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

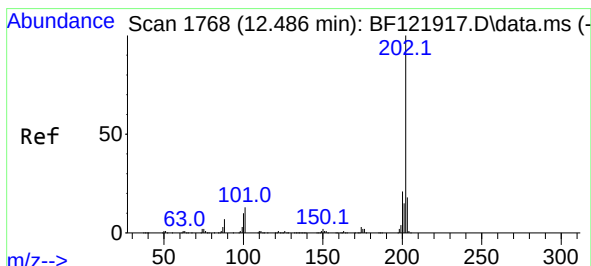
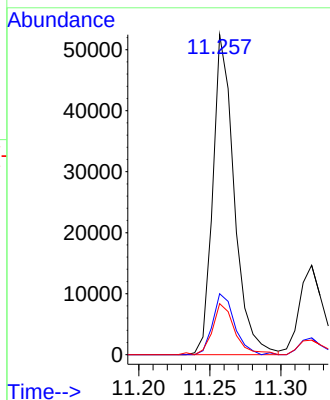
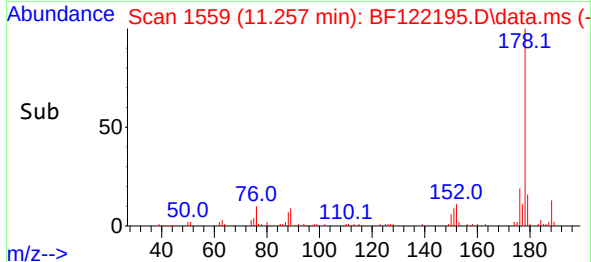
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-063-B



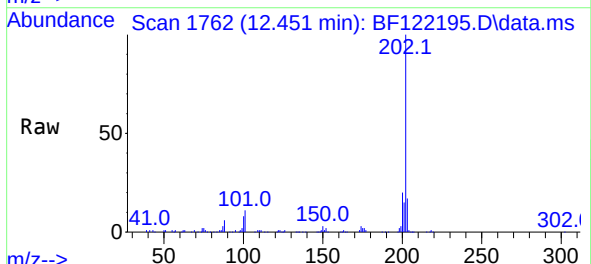
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Ion Ratio Lower Upper
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176 19.1 15.9 23.9
179 15.9 12.2 18.4

Manual Integrations
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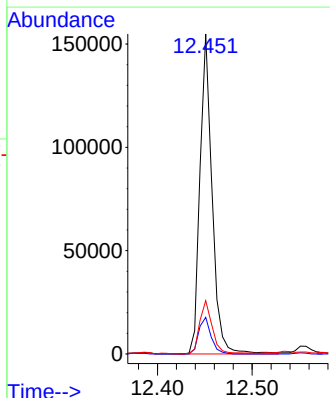
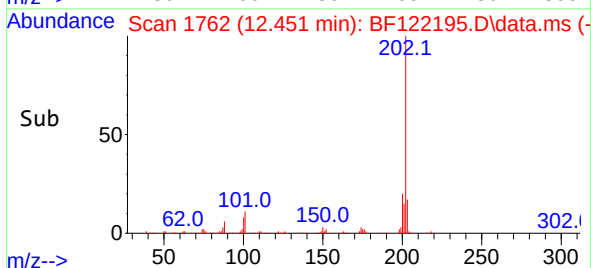
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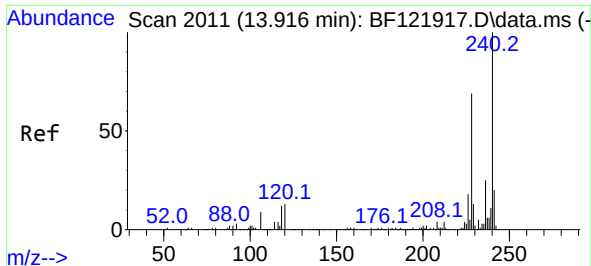


#75
Fluoranthene
Concen: 8.67 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



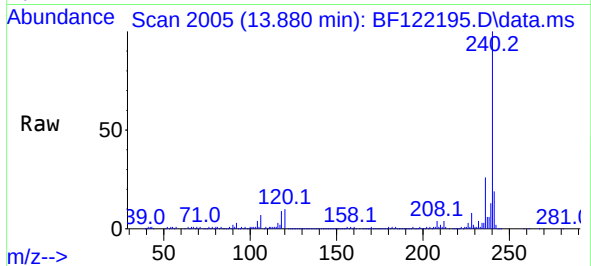
Tgt Ion:202 Resp: 137887
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 16.7 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

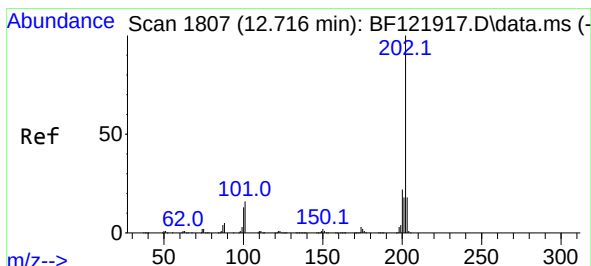
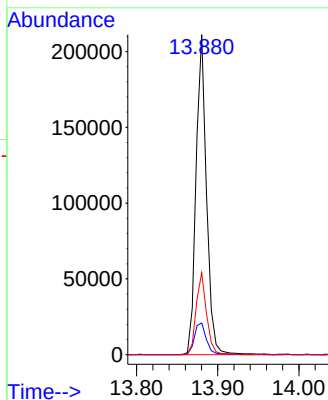
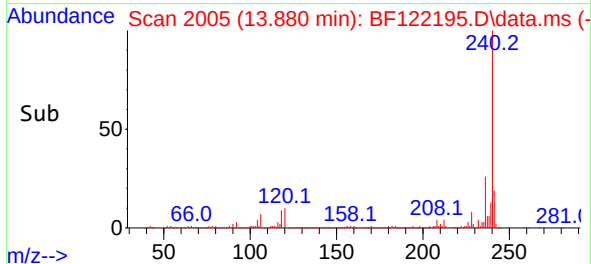
Instrument :
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ClientSampleId :
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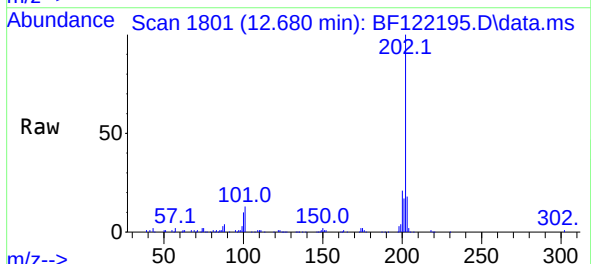
Tgt Ion:240 Resp: 190505
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.6 20.9 31.3

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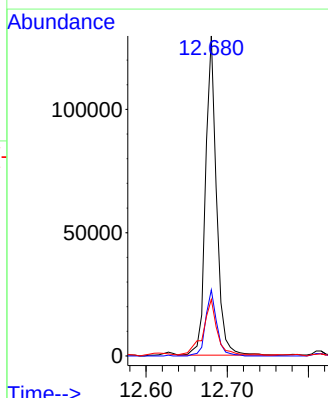
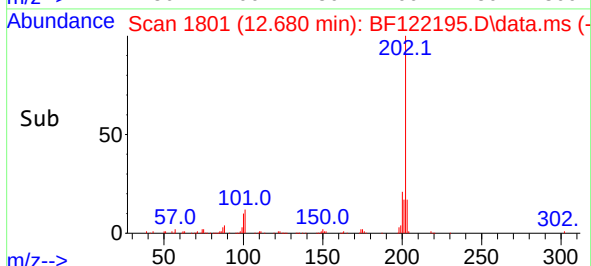
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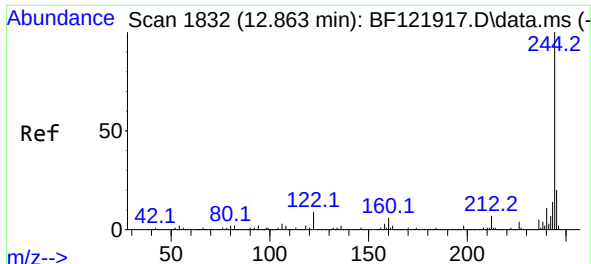


#78
Pyrene
Concen: 8.33 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



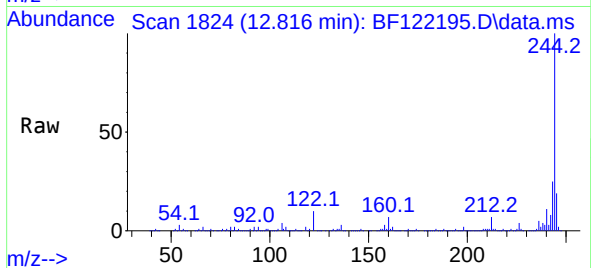
Tgt Ion:202 Resp: 120875
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 46.42 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

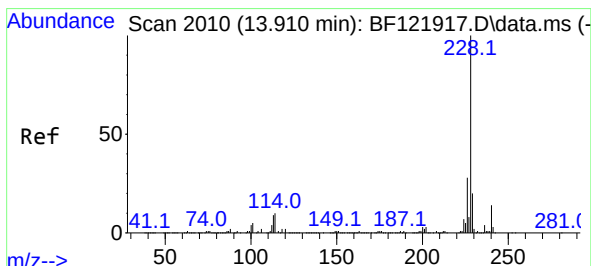
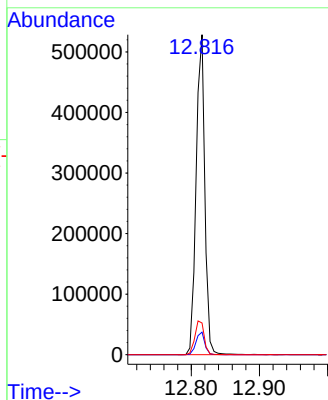
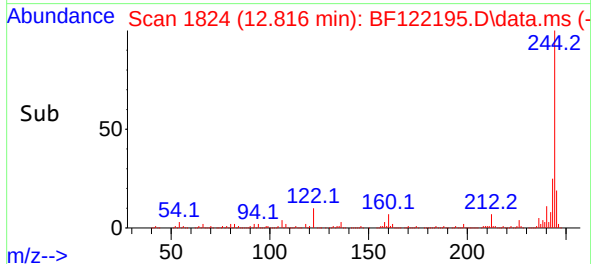
Instrument :
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ClientSampleId :
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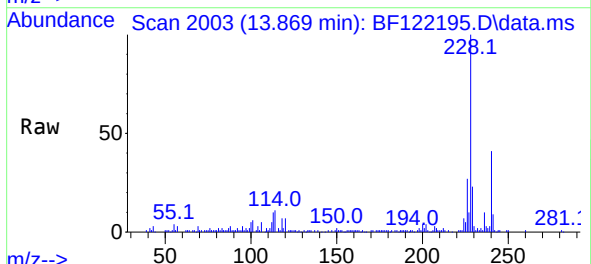
Tgt Ion:244 Resp: 464069
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.9 8.1 12.1

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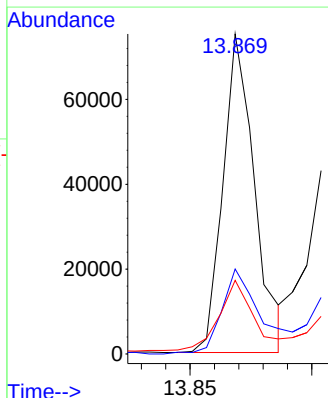
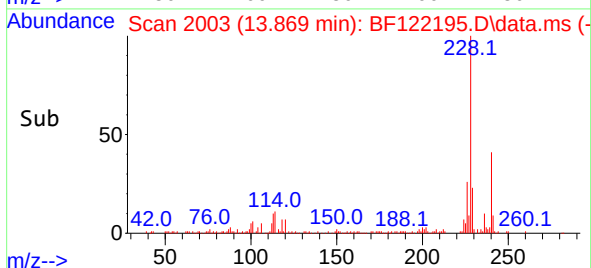
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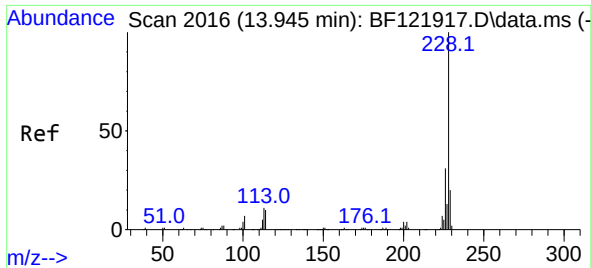


#81
Benzo(a)anthracene
Concen: 5.45 ng
RT: 13.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54



Tgt Ion:228 Resp: 68049
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 23.0 16.2 24.4





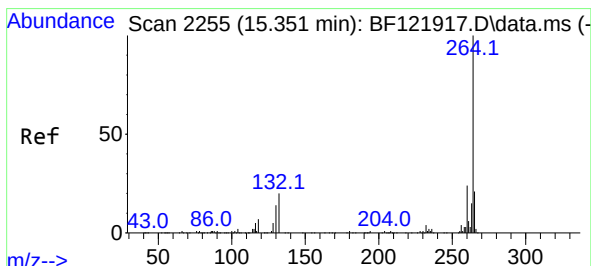
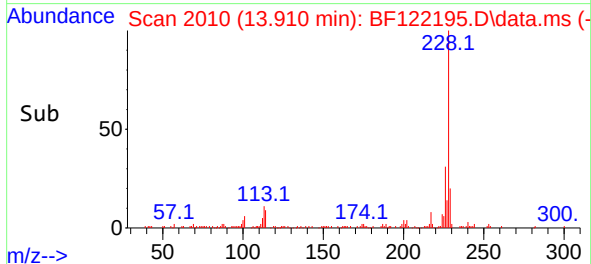
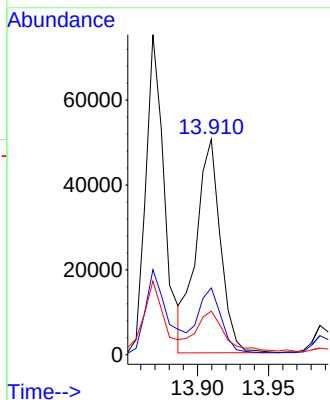
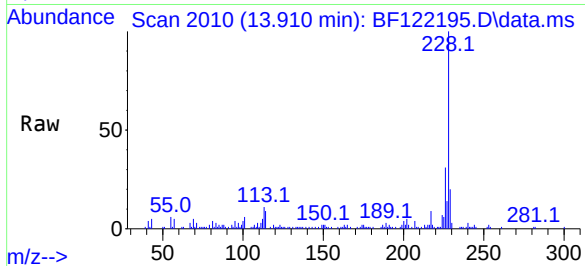
#83
Chrysene
Concen: 4.91 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	228	Resp:	60159
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.6	37.0
229	20.2	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
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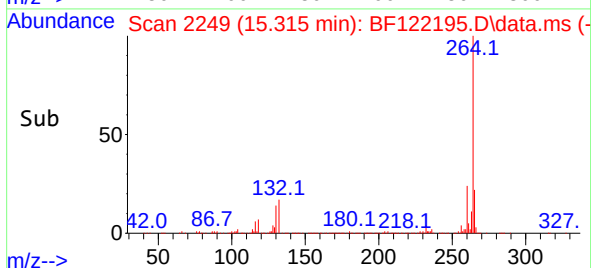
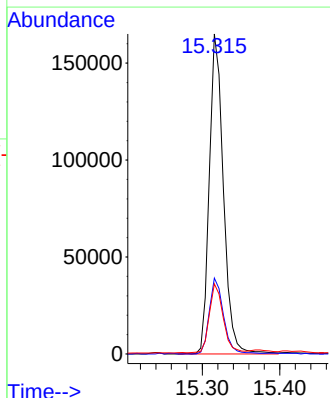
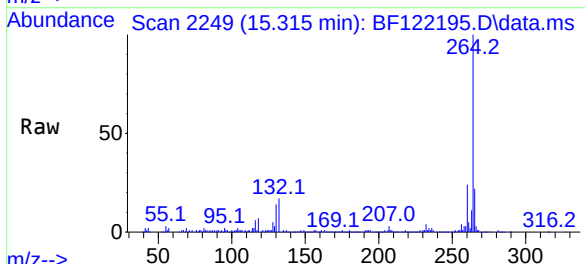
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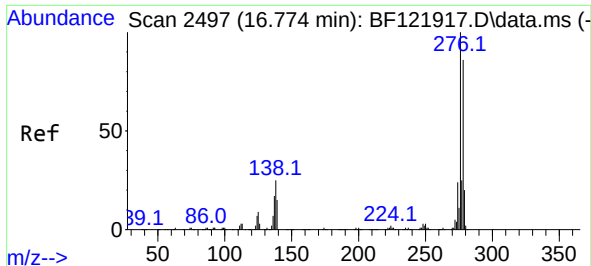
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	264	Resp:	209125
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.9	17.3	25.9





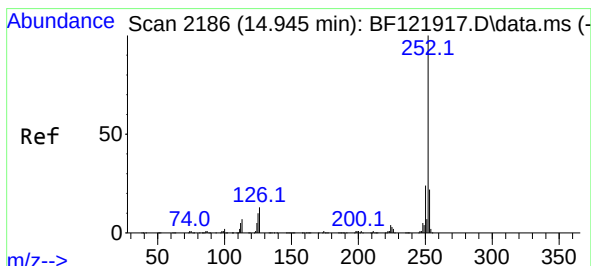
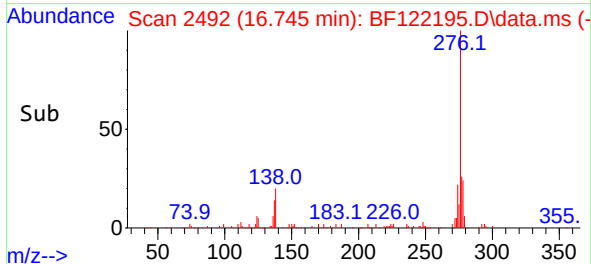
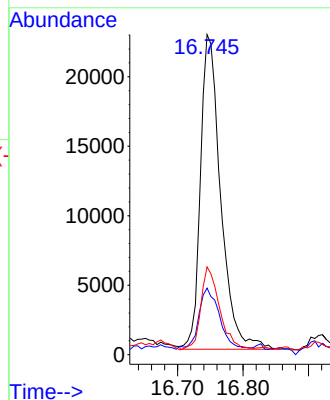
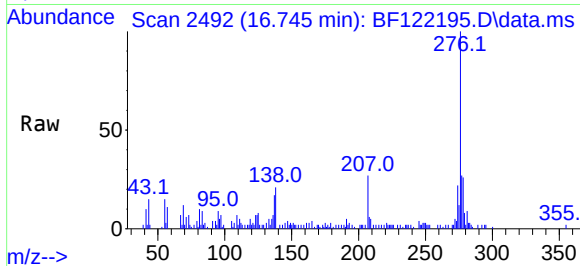
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.57 ng m
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion: 276 Resp: 48531
Ion Ratio Lower Upper
276 100
138 2.2 19.9 29.9#
277 2.1 20.4 30.6#

Instrument :
BNA_F
ClientSampleId :
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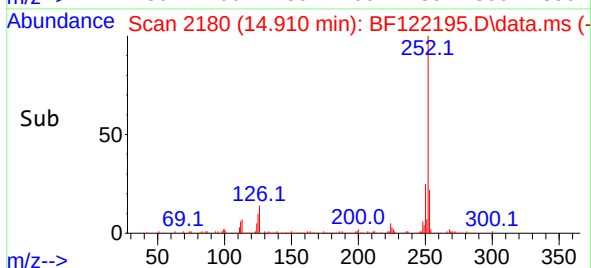
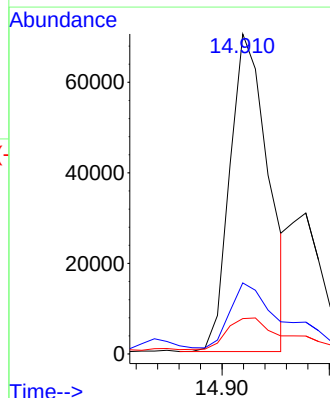
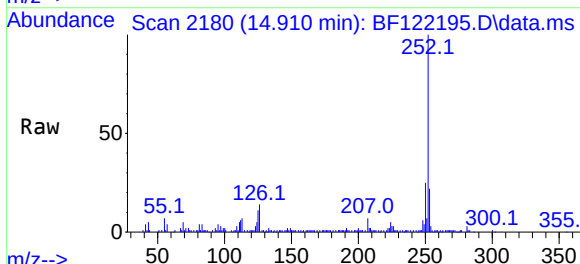
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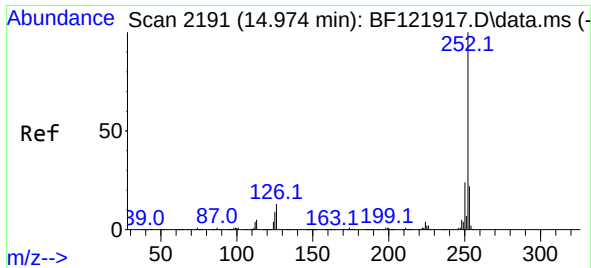
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#88
Benzo(b)fluoranthene
Concen: 6.19 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion: 252 Resp: 87503
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.1 8.0 12.0





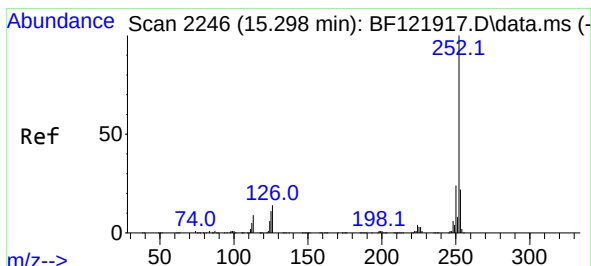
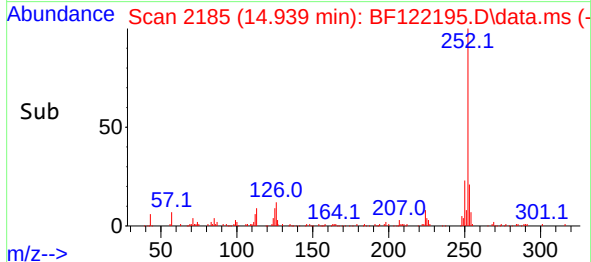
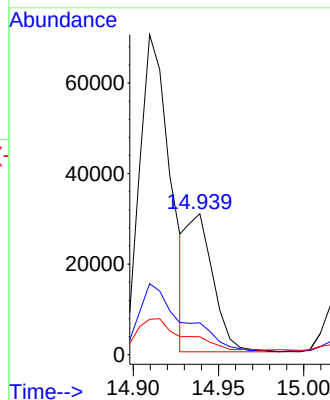
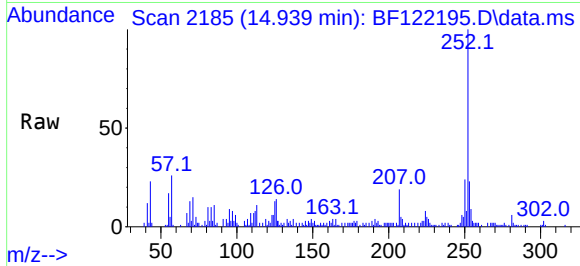
#89
Benzo(k)fluoranthene
Concen: 2.45 ng m
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	252	Resp:	32904
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	12.7	7.7	11.5#

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-063-B

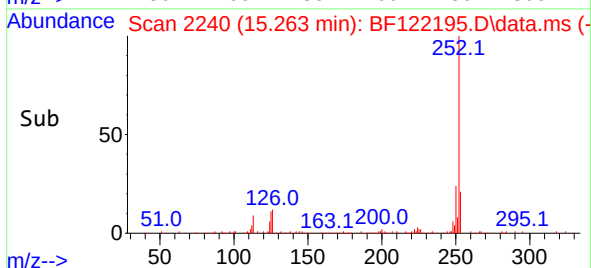
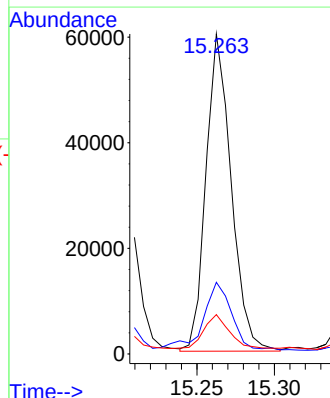
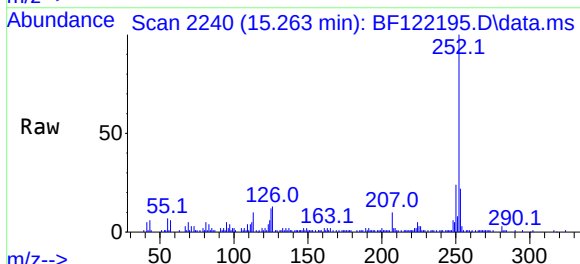
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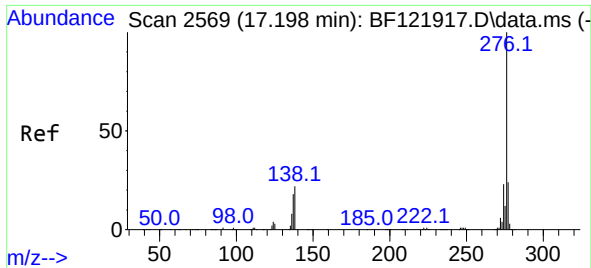
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#90
Benzo(a)pyrene
Concen: 5.57 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	252	Resp:	68002
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	12.3	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 4.01 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122195.D
Acq: 30 Oct 2020 22:54

Tgt Ion:	276	Resp:	44901
Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.4	29.2
138	23.9	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
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