

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122655.D
 Acq On : 10 Dec 2020 19:49
 Operator : JU/CG
 Sample : L5008-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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Quant Time: Dec 11 00:36:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	179778	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	670905	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	339770	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	554672	20.00	ng	0.00
76) Chrysene-d12	14.004	240	428661	20.00	ng	0.00
86) Perylene-d12	15.463	264	433376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	968325	85.27	ng	0.00
7) Phenol-d6	6.469	99	1208763	80.26	ng	-0.01
23) Nitrobenzene-d5	7.404	82	738692	55.16	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	318433	71.60	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1254724	49.95	ng	0.00
79) Terphenyl-d14	12.945	244	1068004	43.61	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.481	94	82900	5.31	ng	87
50) Dimethylphthalate	9.592	163	115507	4.26	ng	99
58) Fluorene	10.422	166	60750	2.43	ng	100
71) Phenanthrene	11.386	178	485518	14.73	ng	98
72) Anthracene	11.439	178	87328	2.67	ng	98
75) Fluoranthene	12.574	202	429987	12.44	ng	98
78) Pyrene	12.804	202	388284	11.72	ng	99
81) Benzo(a)anthracene	13.992	228	175186m	6.12	ng	
83) Chrysene	14.027	228	170305	5.97	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	70821	2.49	ng	98
88) Benzo(b)fluoranthene	15.039	252	188908m	6.21	ng	
89) Benzo(k)fluoranthene	15.063	252	57308m	2.06	ng	
90) Benzo(a)pyrene	15.398	252	145601	5.47	ng	97
92) Benzo(g,h,i)perylene	17.357	276	74259	3.30	ng	97

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

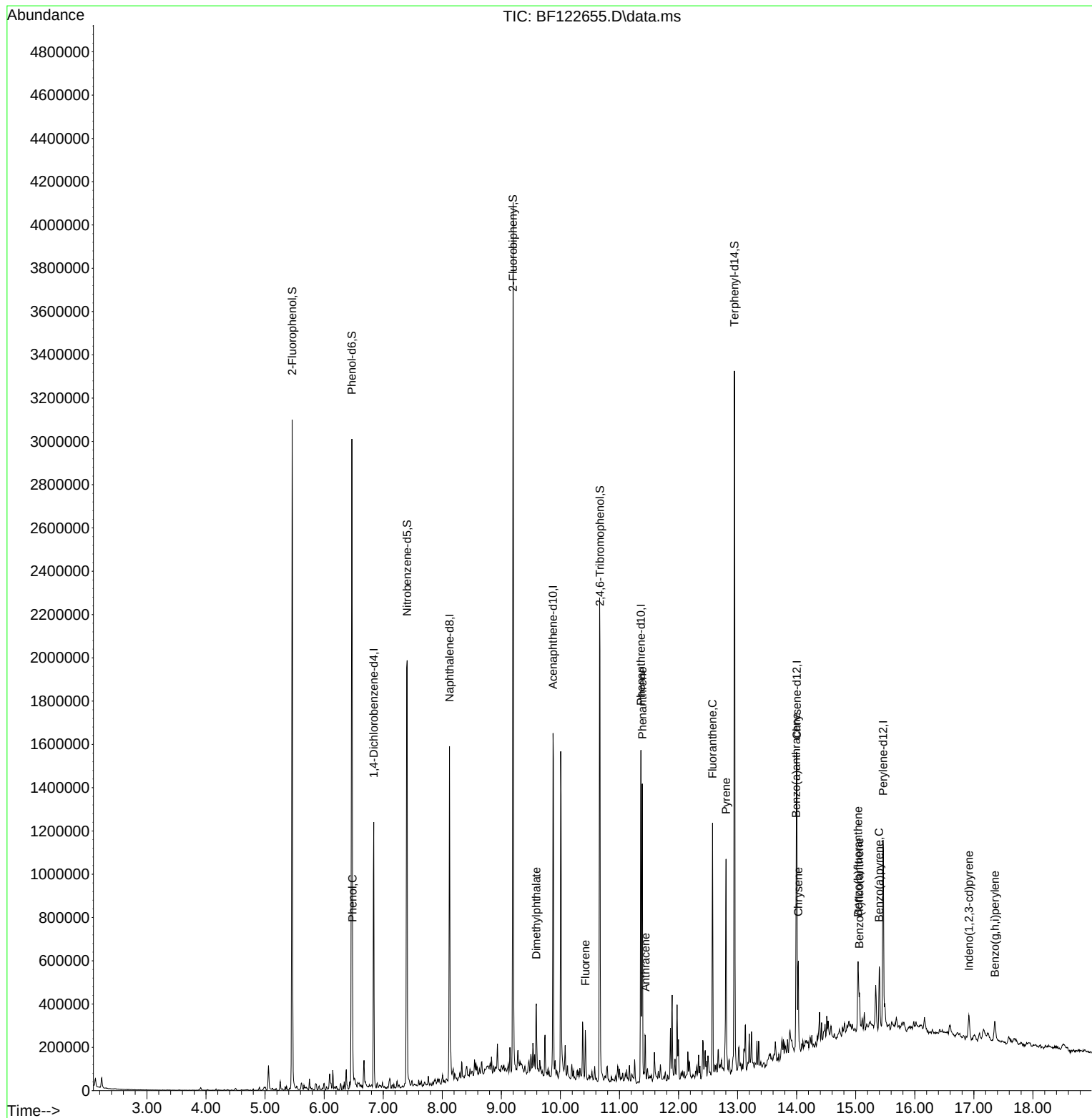
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122655.D
Acq On : 10 Dec 2020 19:49
Operator : JU/CG
Sample : L5008-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

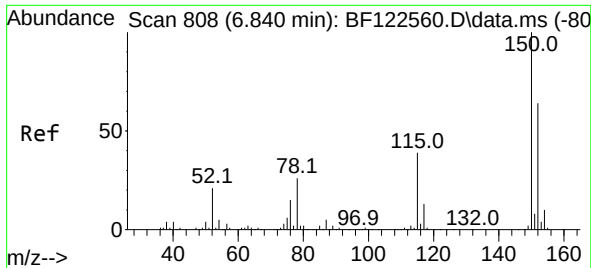
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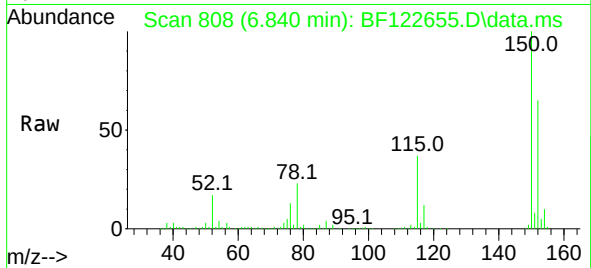
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

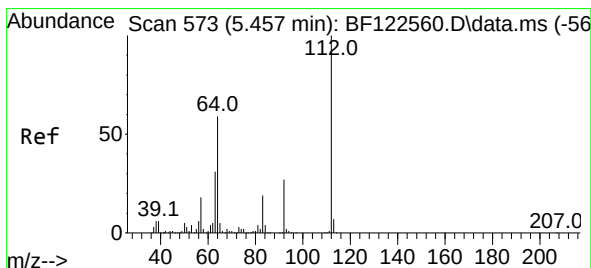
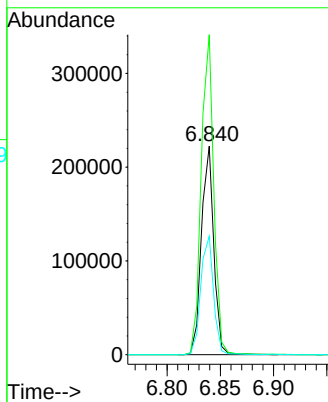
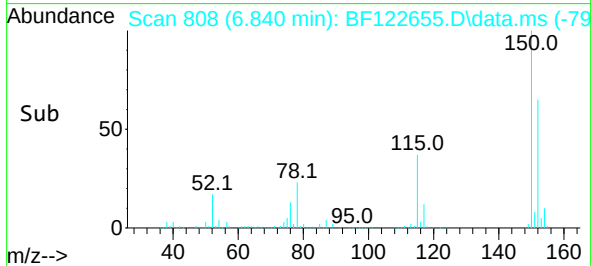




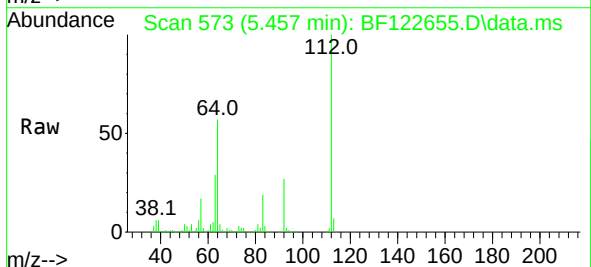
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.840 min Scan# 808
 Delta R.T. -0.000 min
 Lab File: BF122655.D
 Acq: 10 Dec 2020 19:49



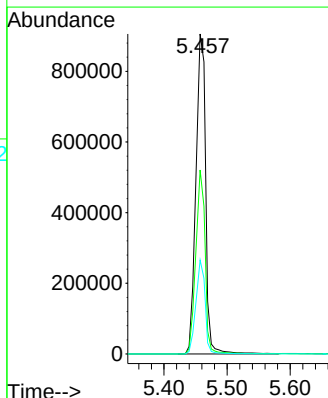
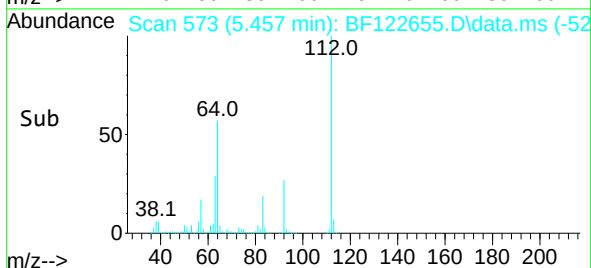
Tgt Ion:152 Resp: 179778
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.8 188.6
 115 56.8 49.3 73.9



#5
 2-Fluorophenol
 Concen: 85.27 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: BF122655.D
 Acq: 10 Dec 2020 19:49



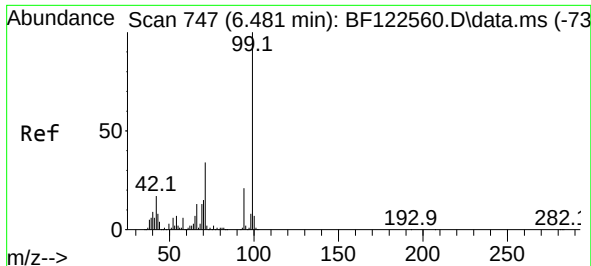
Tgt Ion:112 Resp: 968325
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.9 70.3
 63 29.4 24.5 36.7



Instrument :
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 ClientSampled :
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#7
Phenol-d6
Concen: 80.26 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

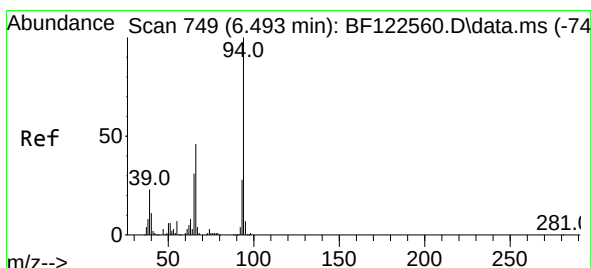
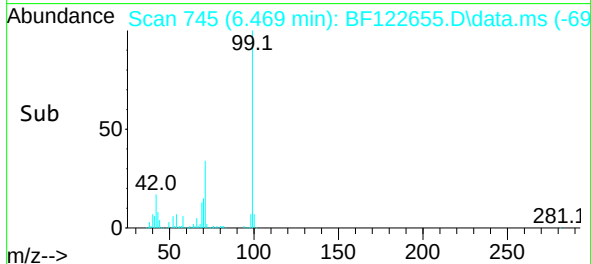
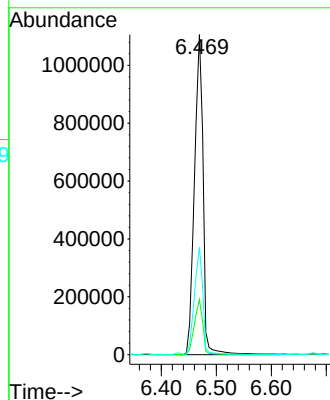
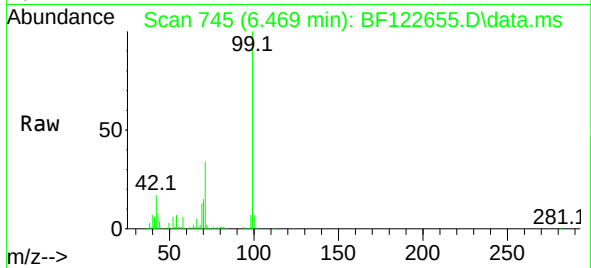
Tgt Ion: 99 Resp: 1208763

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	33.5	26.9	40.3

Instrument :
BNA_F
ClientSampled :
S-1

Manual Integrations
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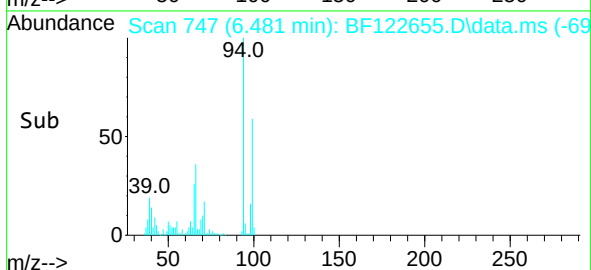
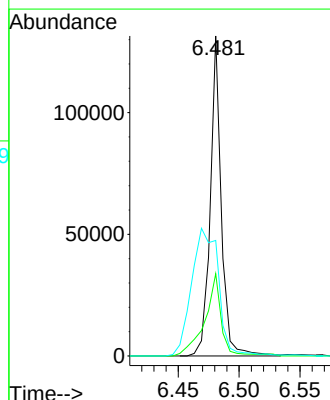
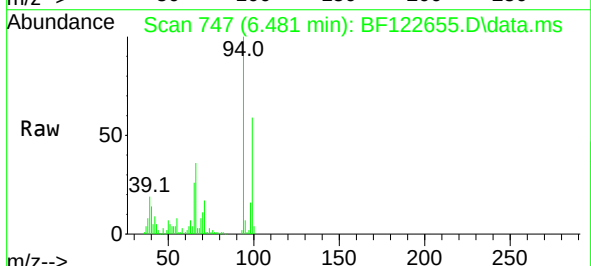
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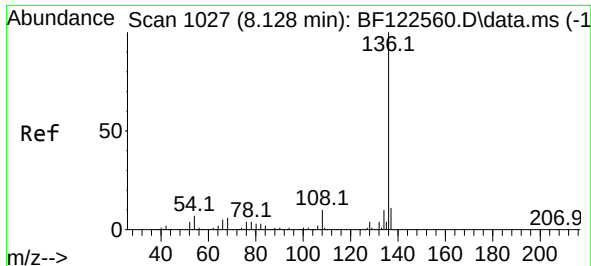


#10
Phenol
Concen: 5.31 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion: 94 Resp: 82900

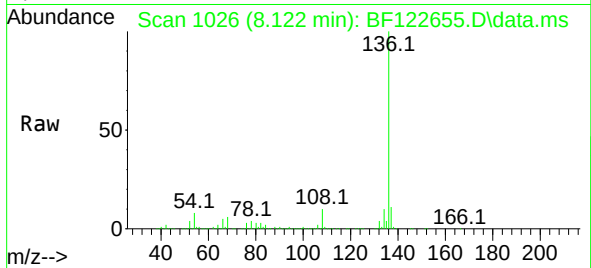
Ion	Ratio	Lower	Upper
94	100		
65	25.7	11.2	51.2
66	36.1	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

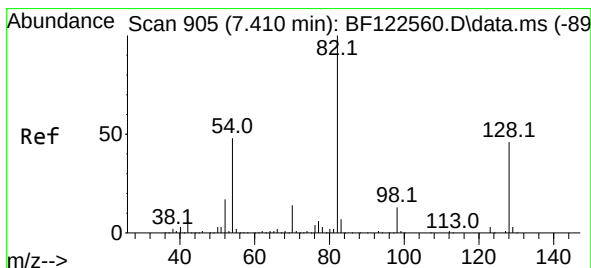
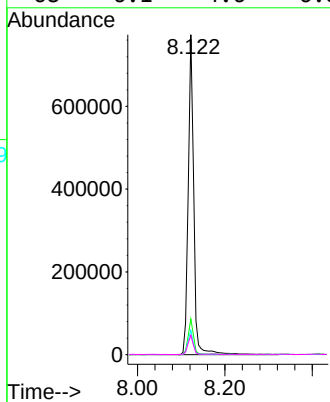
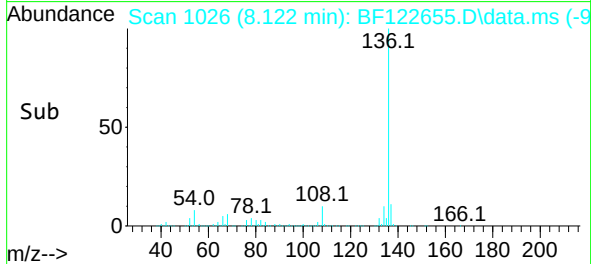
Instrument :
BNA_F
ClientSampled :
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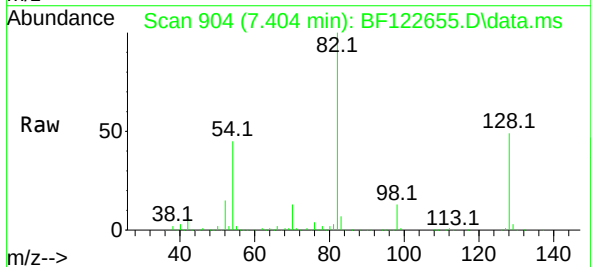
Tgt Ion:136 Resp: 670905
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 5.5 8.3
68 6.1 4.6 6.8

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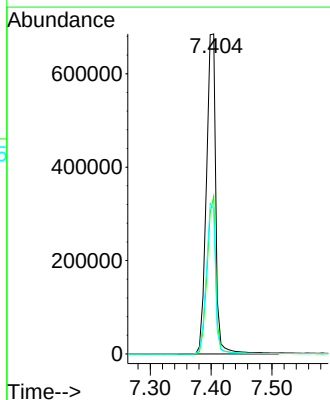
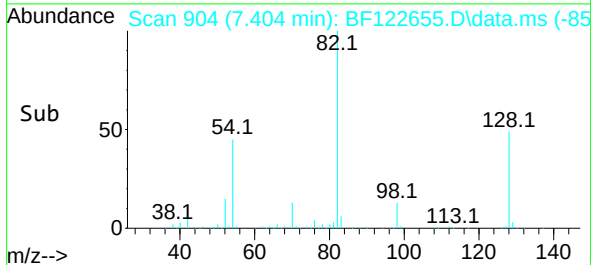
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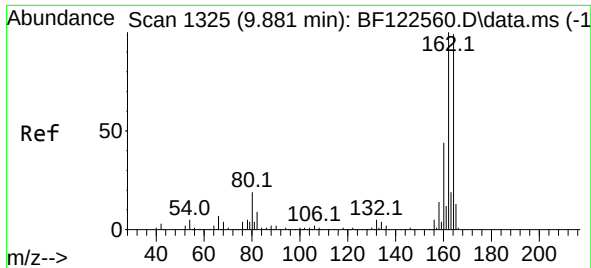


#23
Nitrobenzene-d5
Concen: 55.16 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



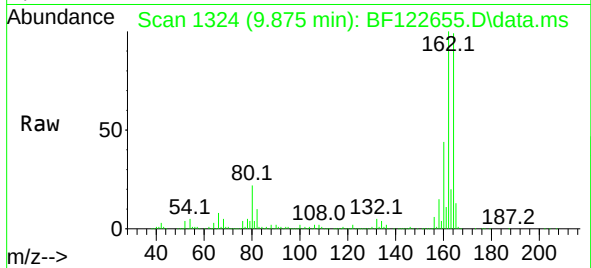
Tgt Ion: 82 Resp: 738692
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 45.3 38.4 57.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

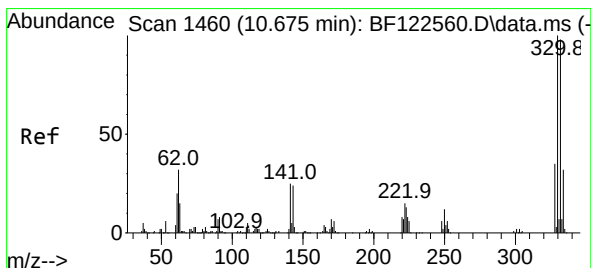
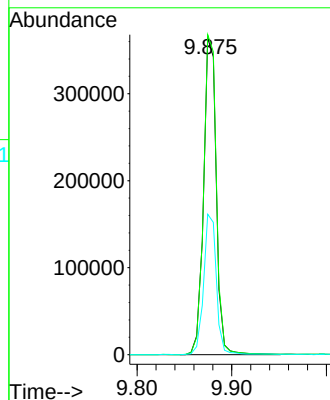
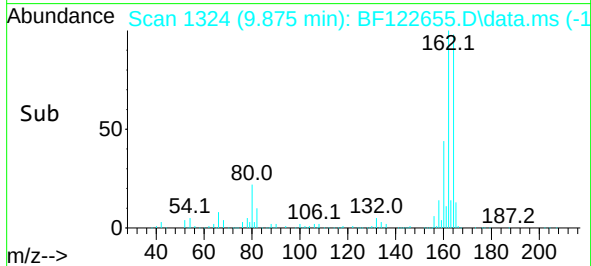
Instrument :
BNA_F
ClientSampled :
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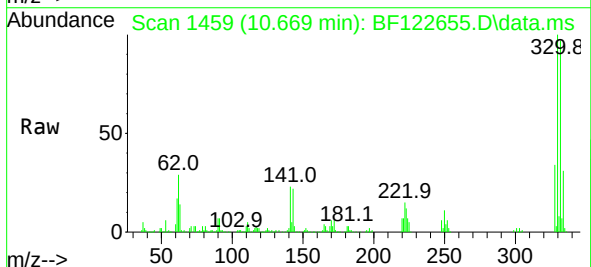
Tgt Ion:164 Resp: 339770
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.3 35.4 53.0

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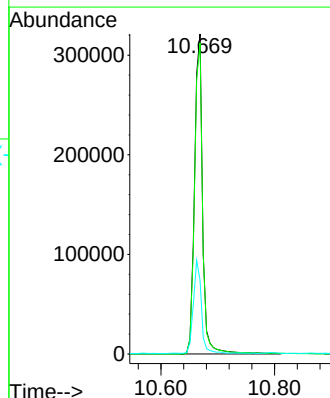
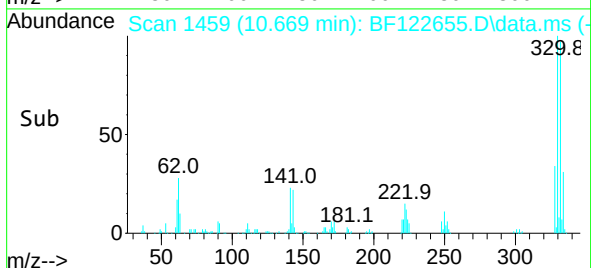
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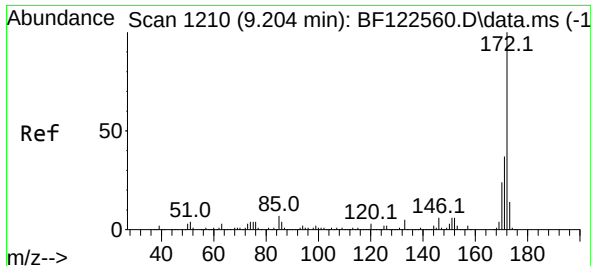


#42
2,4,6-Tribromophenol
Concen: 71.60 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



Tgt Ion:330 Resp: 318433
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 28.6 23.8 35.8





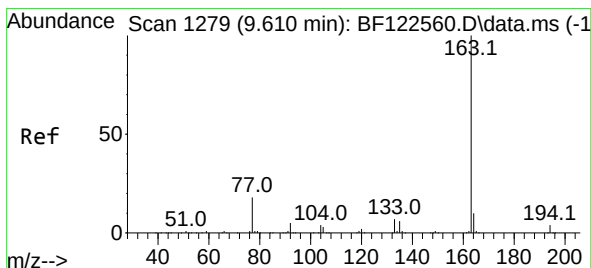
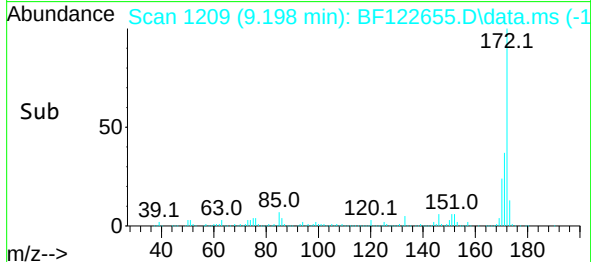
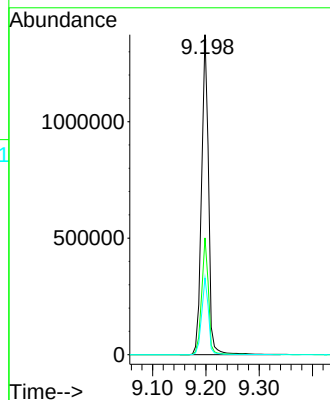
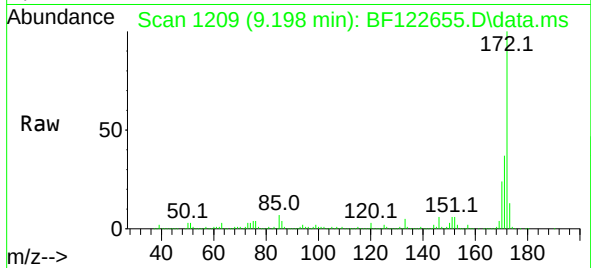
#45
2-Fluorobiphenyl
Concen: 49.95 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:172 Resp: 1254724
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.5 29.3

Instrument :
BNA_F
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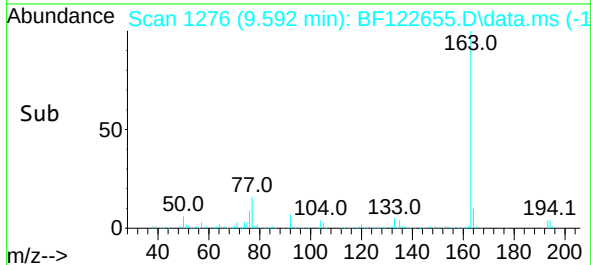
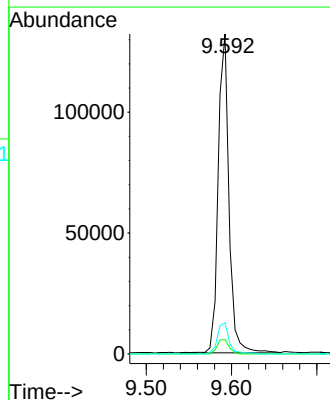
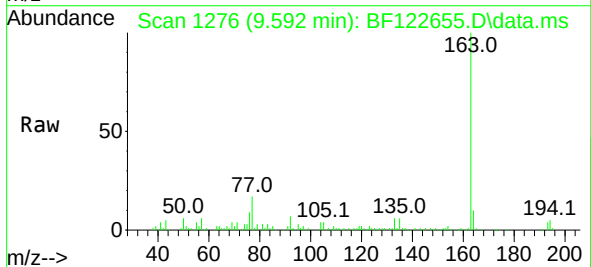
Manual Integrations
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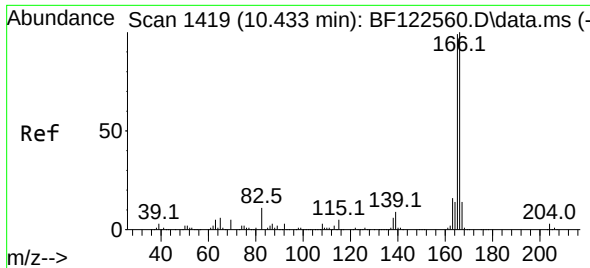
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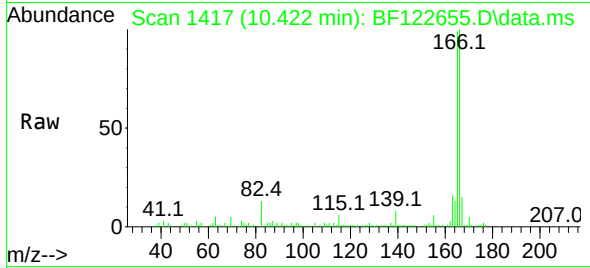
#50
Dimethylphthalate
Concen: 4.26 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:163 Resp: 115507
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.8 8.1 12.1

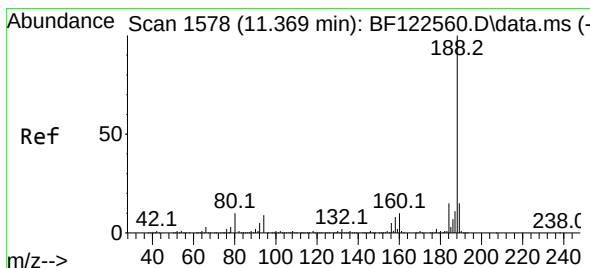
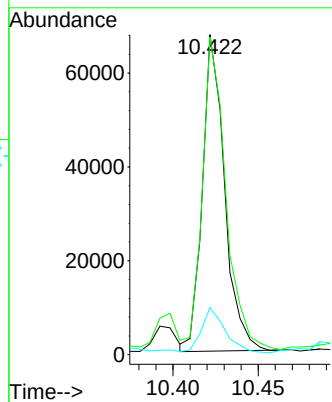
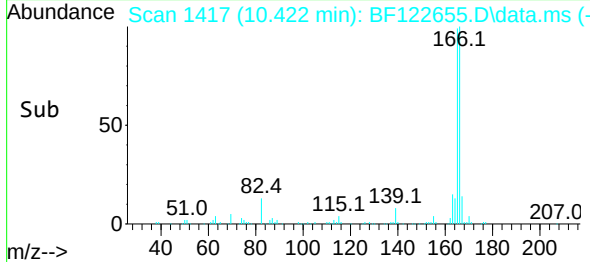




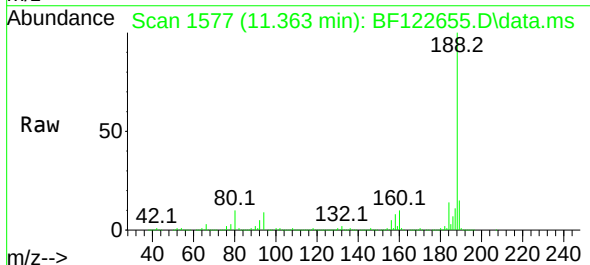
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Fluorene
Concen: 2.43 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



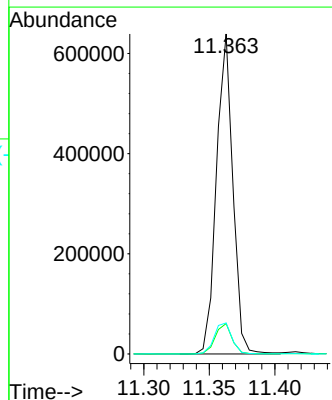
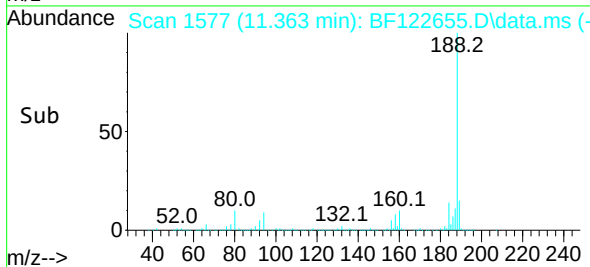
Tgt Ion:166 Resp: 60750
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.0
167 14.7 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



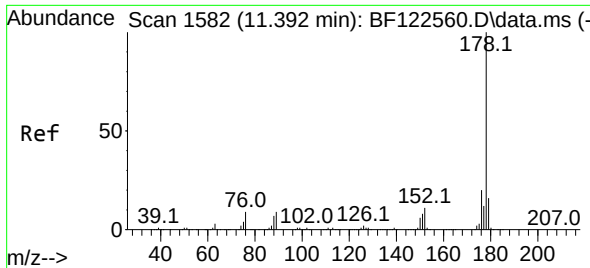
Tgt Ion:188 Resp: 554672
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.7 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
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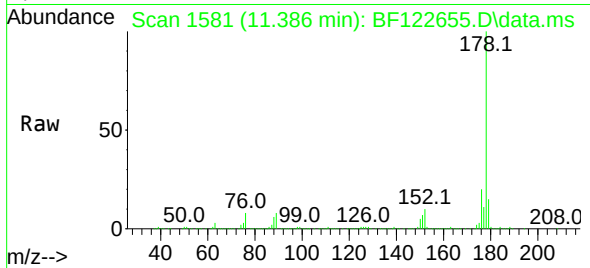
Manual Integrations
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#71
Phenanthrene
Concen: 14.73 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

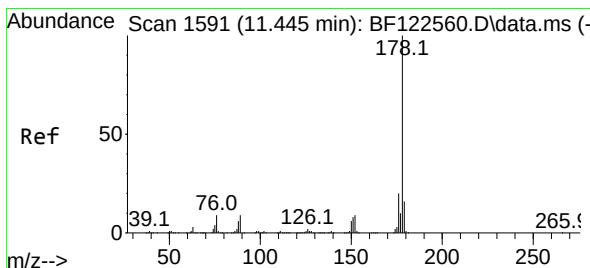
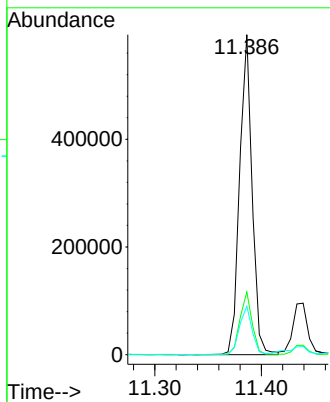
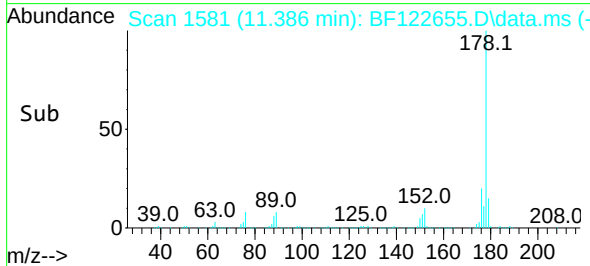
Instrument :
BNA_F
ClientSampled :
S-1



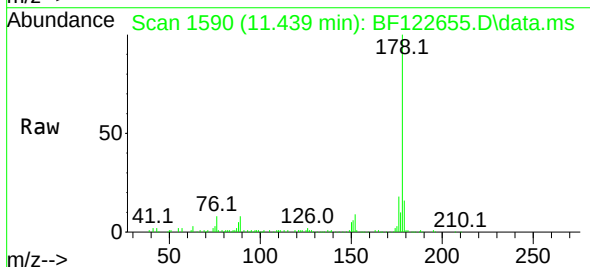
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Ion Ratio Lower Upper
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176 19.6 16.2 24.2
179 15.2 12.7 19.1

Manual Integrations
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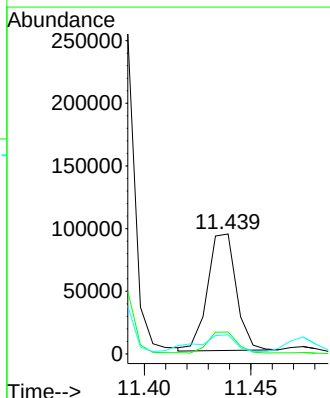
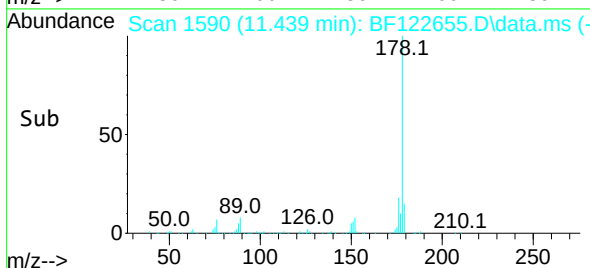
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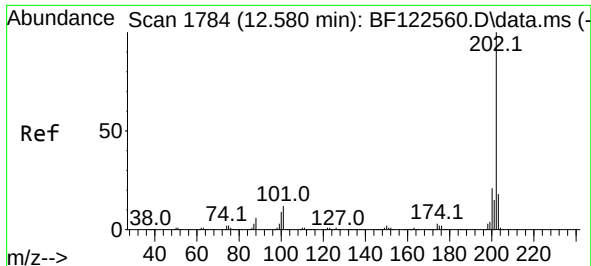


#72
Anthracene
Concen: 2.67 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

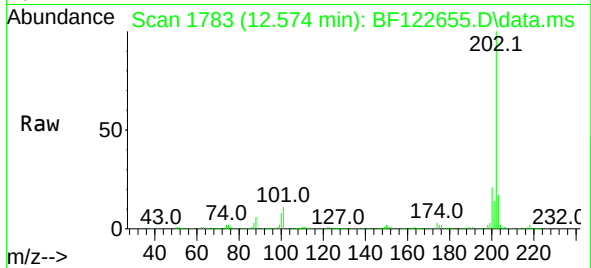


Tgt Ion:178 Resp: 87328
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 16.0 12.8 19.2

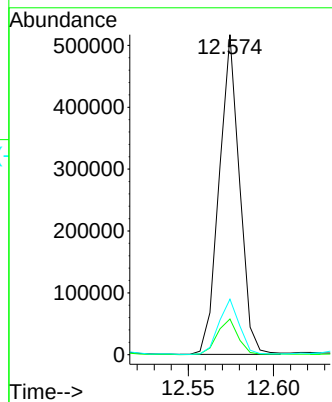
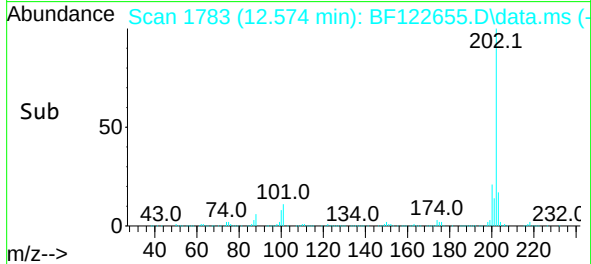




#75
Fluoranthene
Concen: 12.44 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



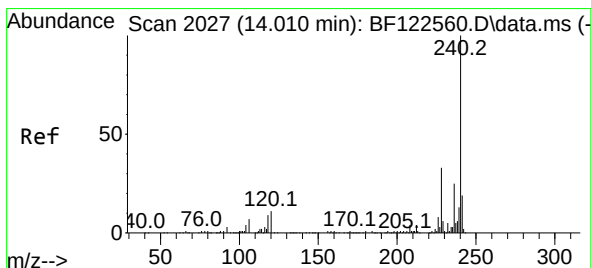
Tgt Ion:202 Resp: 429987
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 17.4 0.0 38.1



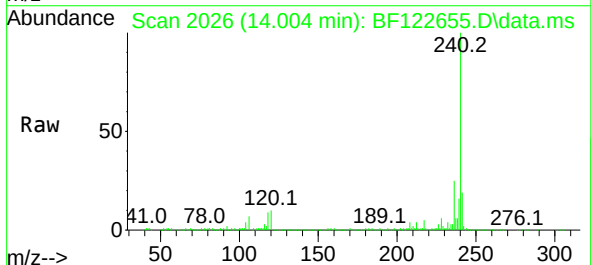
Instrument :
BNA_F
ClientSampled :
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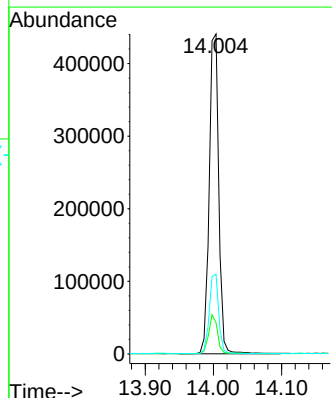
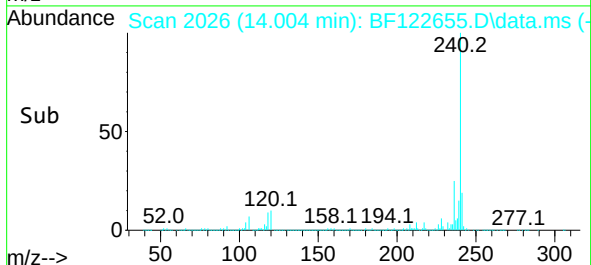
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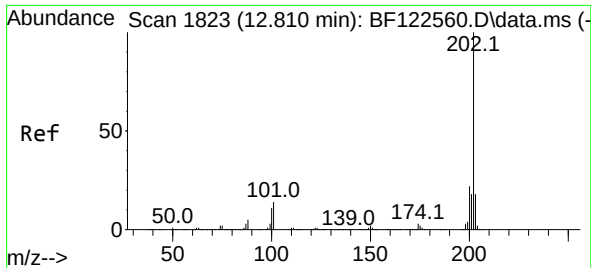


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

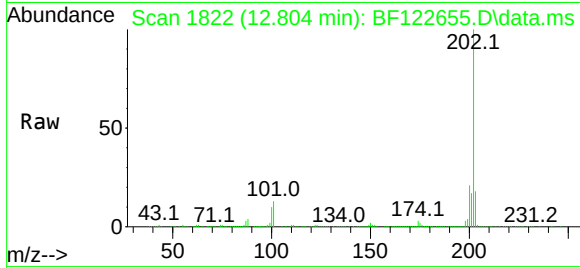


Tgt Ion:240 Resp: 428661
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 24.9 20.3 30.5

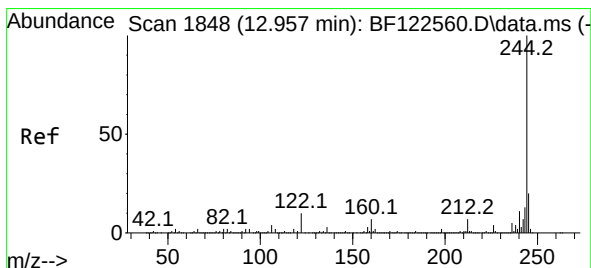
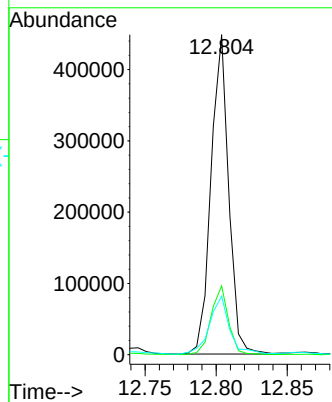
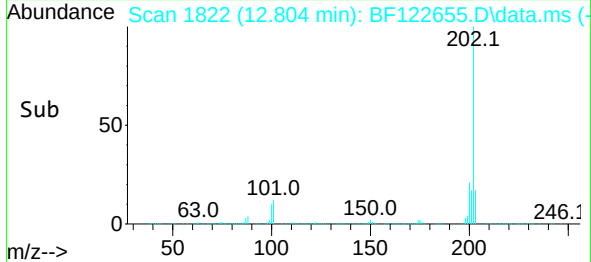




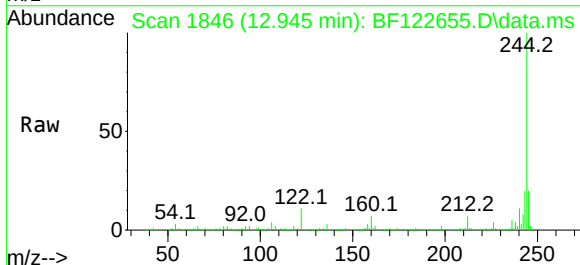
#78
Pyrene
Concen: 11.72 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



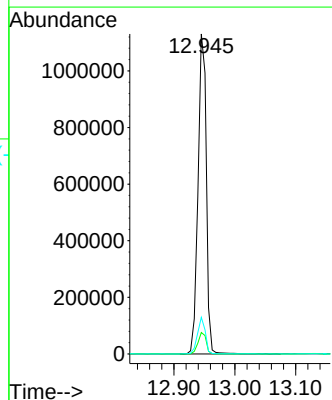
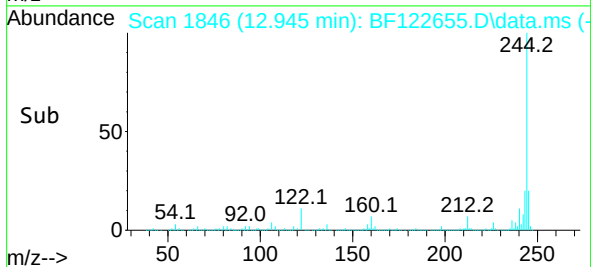
Tgt Ion:202 Resp: 388284
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.3 14.6 21.8



#79
Terphenyl-d14
Concen: 43.61 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



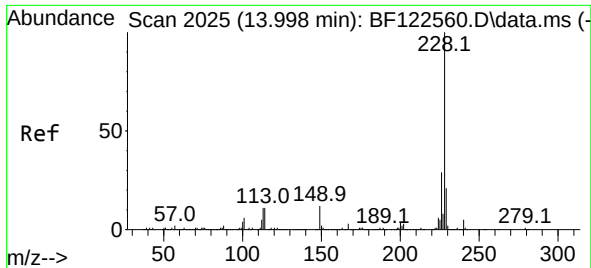
Tgt Ion:244 Resp: 1068004
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.4 8.3 12.5



Instrument :
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ClientSampled :
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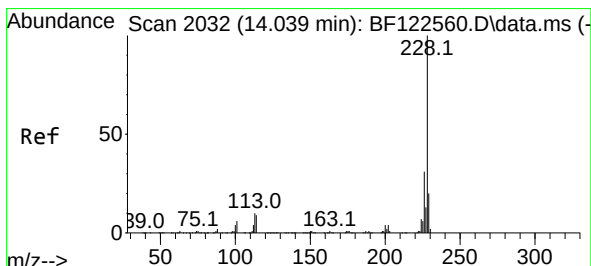
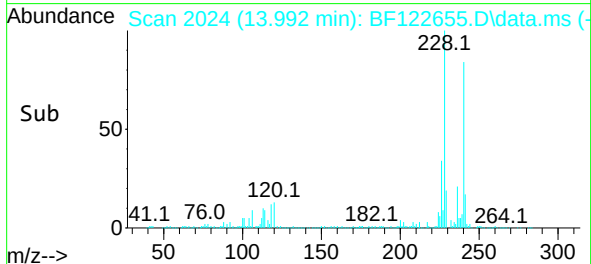
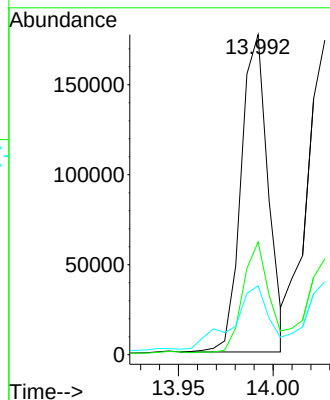
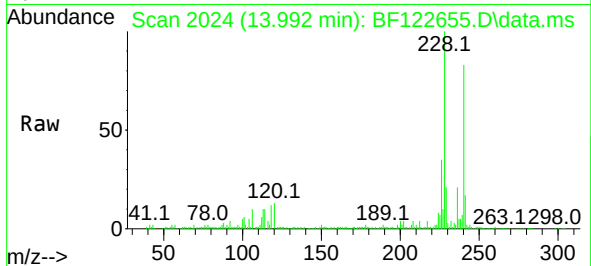
#81
Benzo(a)anthracene
Concen: 6.12 ng m
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:228 Resp: 175186
Ion Ratio Lower Upper
228 100
226 35.2 23.0 34.4#
229 21.5 16.6 24.8

Instrument :
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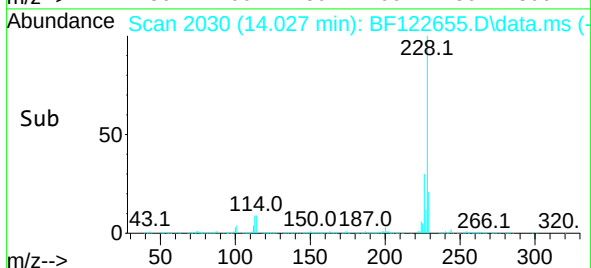
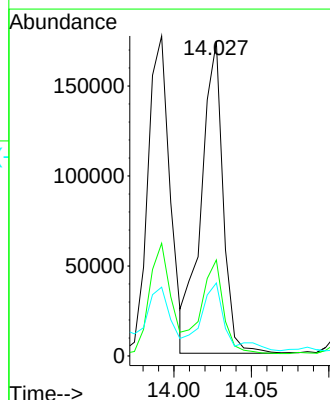
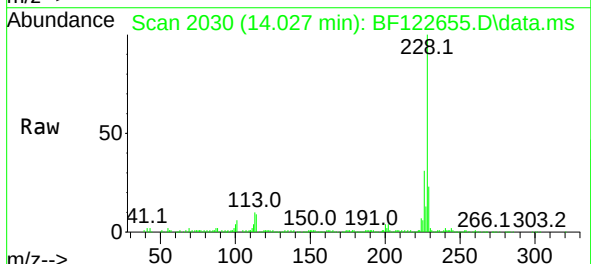
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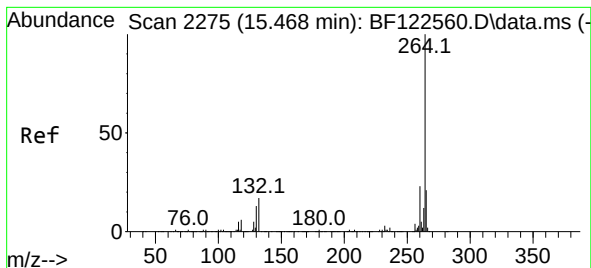
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#83
Chrysene
Concen: 5.97 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

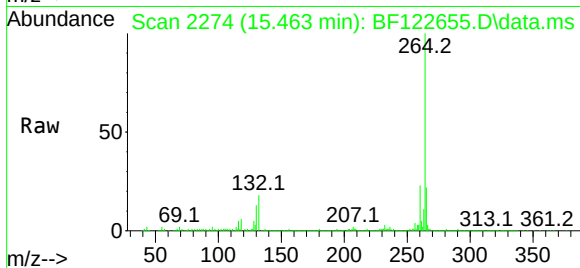
Tgt Ion:228 Resp: 170305
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 23.2 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

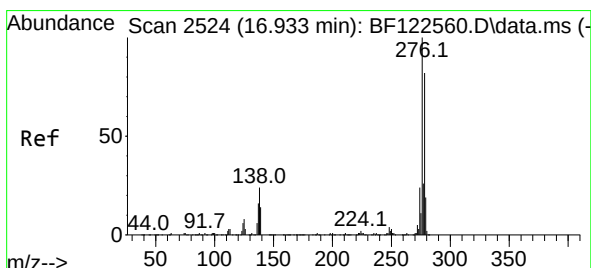
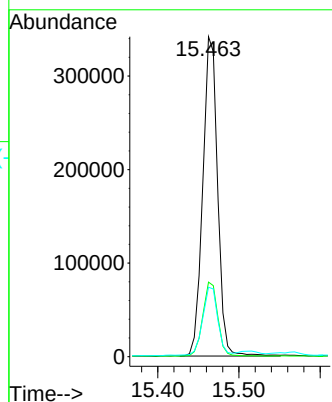
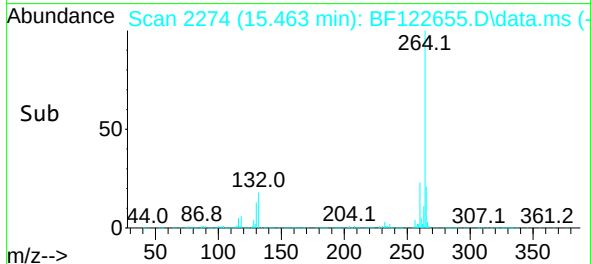
Instrument :
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ClientSampled :
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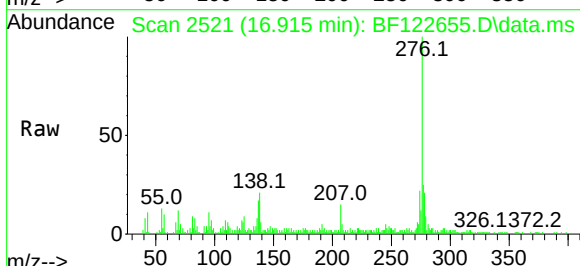
Tgt Ion:264 Resp: 433376
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.0 25.6

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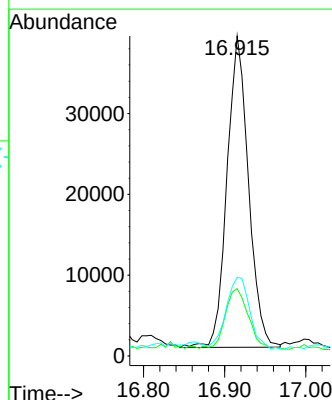
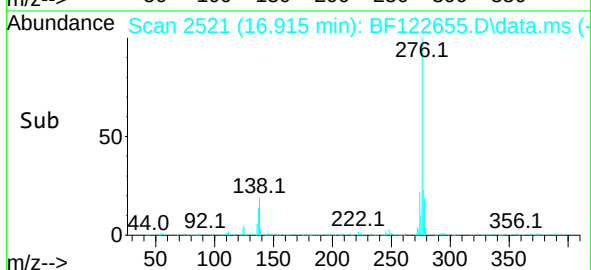
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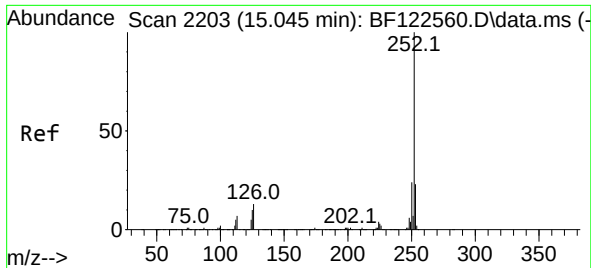


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.49 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.018 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



Tgt Ion:276 Resp: 70821
Ion Ratio Lower Upper
276 100
138 21.2 18.7 28.1
277 25.6 20.2 30.4





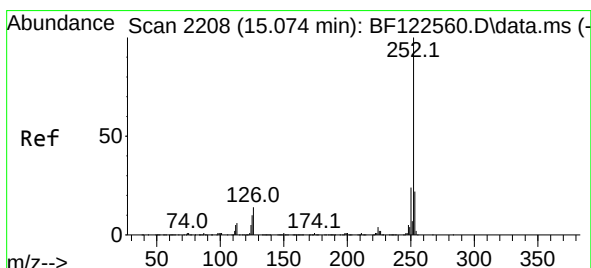
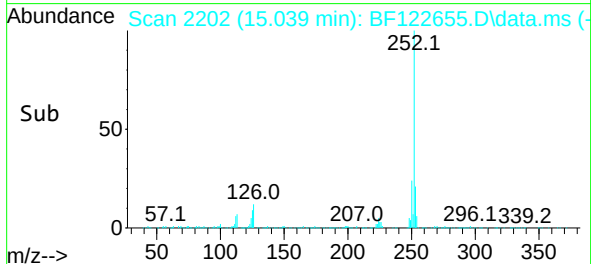
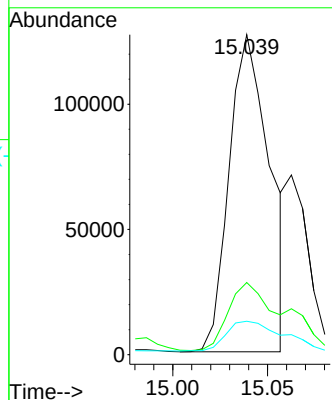
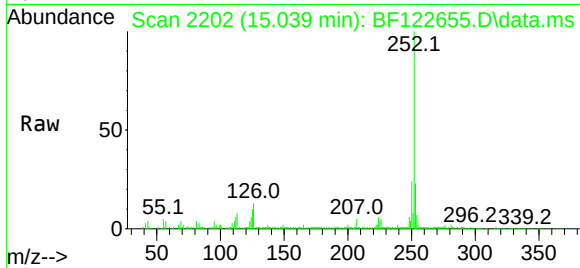
#88
Benzo(b)fluoranthene
Concen: 6.21 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:252 Resp: 188908
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.4 8.1 12.1

Instrument :
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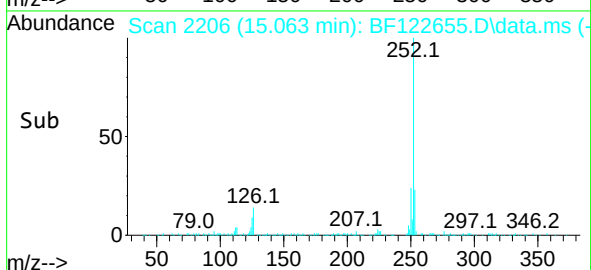
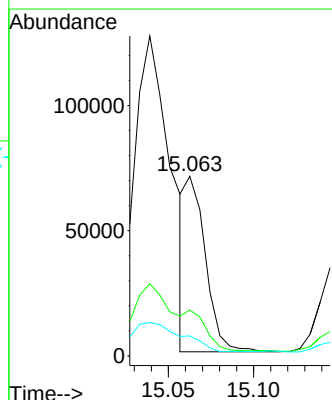
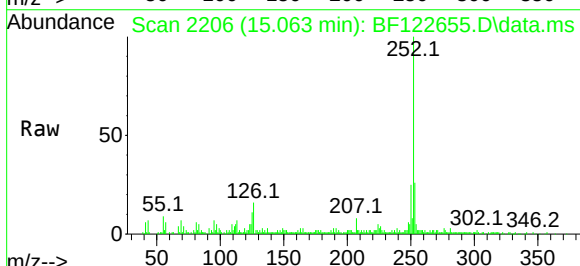
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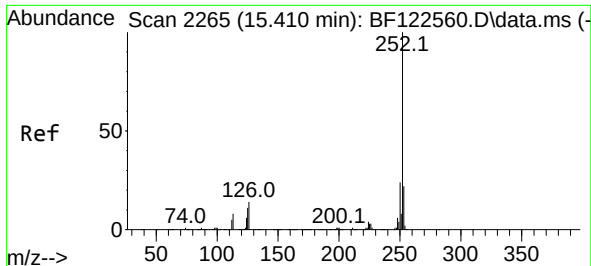
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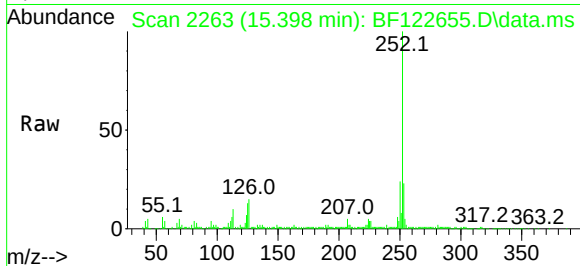
#89
Benzo(k)fluoranthene
Concen: 2.06 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:252 Resp: 57308
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.8
125 11.1 8.4 12.6

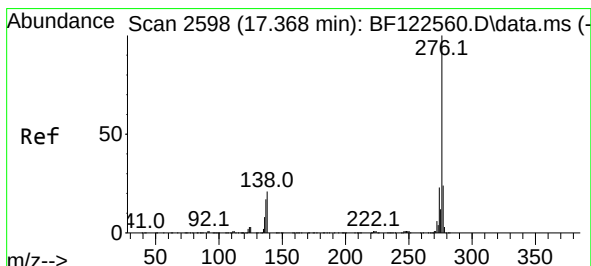
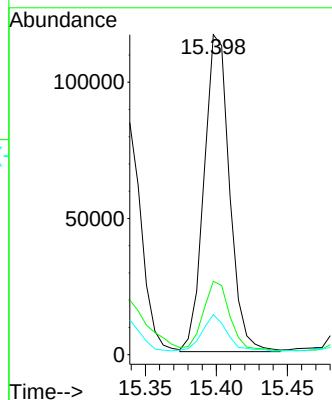
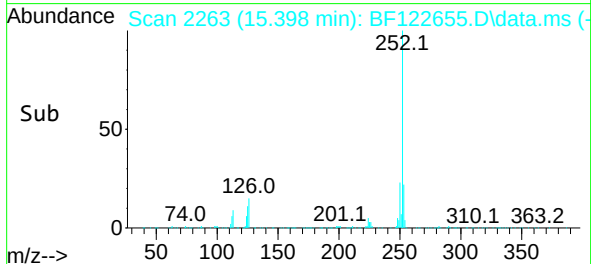




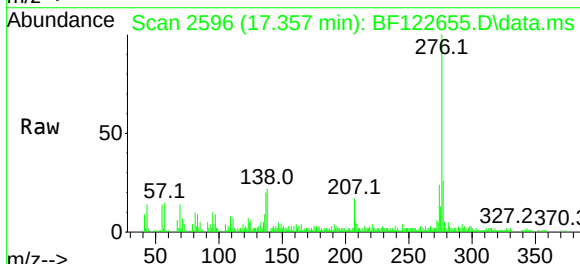
#90
Benzo(a)pyrene
Concen: 5.47 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



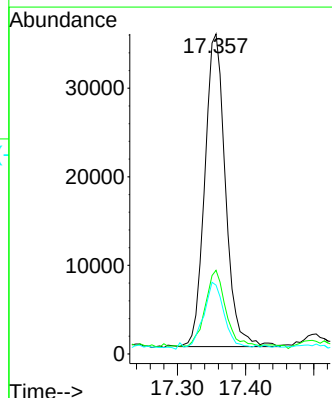
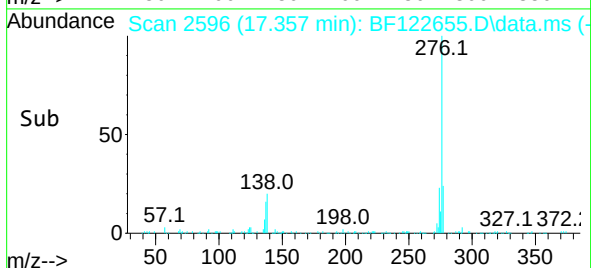
Tgt Ion:252 Resp: 145601
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.5 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 17.357 min Scan# 2596
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



Tgt Ion:276 Resp: 74259
Ion Ratio Lower Upper
276 100
277 26.1 19.3 28.9
138 21.5 16.6 24.8



Instrument :
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ClientSampled :
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