

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122335.D
 Acq On : 13 Nov 2020 18:15
 Operator : JU/CG
 Sample : L4617-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-2-(0.5-1)

Manual Integrations
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Quant Time: Nov 16 09:54:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	252773	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	948945	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	486733	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	803492	20.00	ng	0.00
76) Chrysene-d12	14.033	240	658106	20.00	ng	0.00
86) Perylene-d12	15.510	264	788963	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1169481	71.04	ng	0.00
7) Phenol-d6	6.481	99	1472101	68.36	ng	-0.01
23) Nitrobenzene-d5	7.422	82	915373	59.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	354931	67.94	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1590724	51.06	ng	0.00
79) Terphenyl-d14	12.980	244	1302172	41.92	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.957	142	101928	3.27	ng	97
49) Acenaphthylene	9.763	152	754798	15.97	ng	99
50) Dimethylphthalate	9.616	163	382973	11.07	ng	100
58) Fluorene	10.451	166	169847	5.18	ng	98
71) Phenanthrene	11.416	178	2290671	50.25	ng	97
72) Anthracene	11.463	178	371405	7.90	ng	99
73) Carbazole	11.616	167	122137	2.86	ng	99
75) Fluoranthene	12.610	202	2715514	57.06	ng	97
78) Pyrene	12.839	202	3122707	67.54	ng	97
81) Benzo(a)anthracene	14.021	228	1561795m	38.16	ng	
83) Chrysene	14.063	228	1843784	44.73	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	987780	20.87	ng	95
88) Benzo(b)fluoranthene	15.080	252	2084100m	40.79	ng	
89) Benzo(k)fluoranthene	15.104	252	613332m	12.31	ng	
90) Benzo(a)pyrene	15.451	252	1521657	34.16	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	264597	6.67	ng	94
92) Benzo(g,h,i)perylene	17.421	276	1015552	26.34	ng	100

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

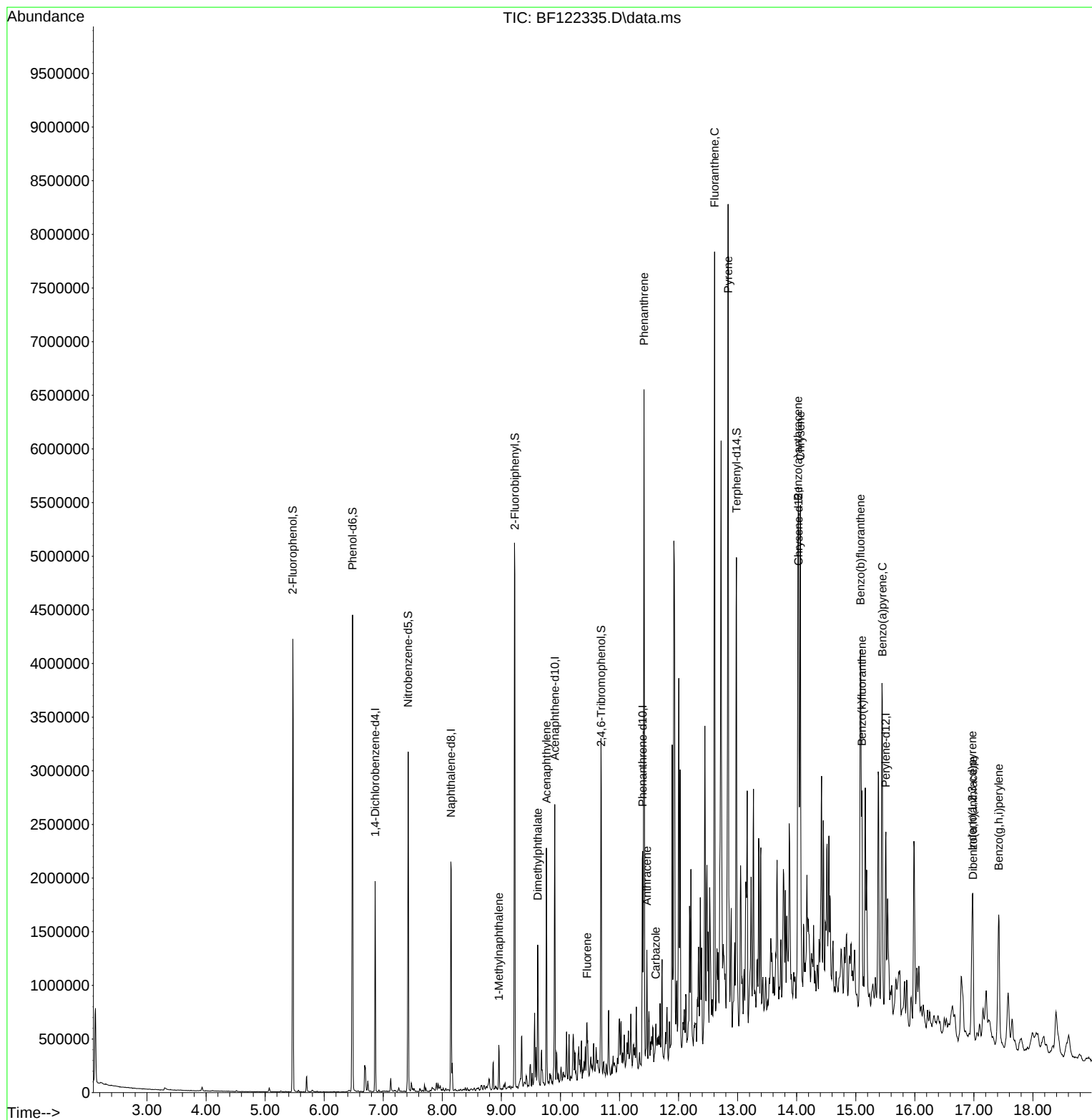
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122335.D
Acq On : 13 Nov 2020 18:15
Operator : JU/CG
Sample : L4617-08
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ALS Vial : 12 Sample Multiplier: 1

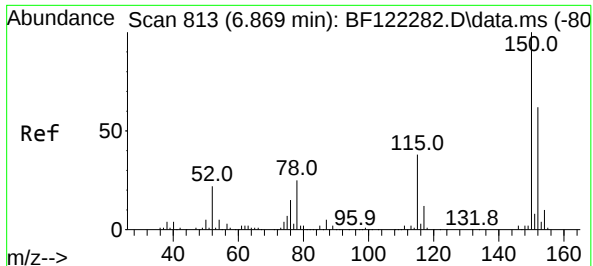
Instrument :
BNA_F
ClientSampleId :
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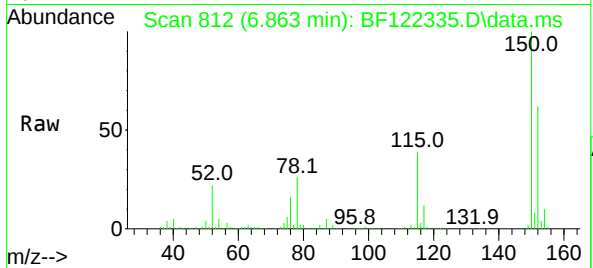
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Quant Time: Nov 16 09:54:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
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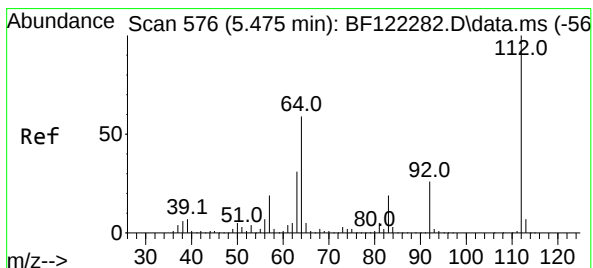
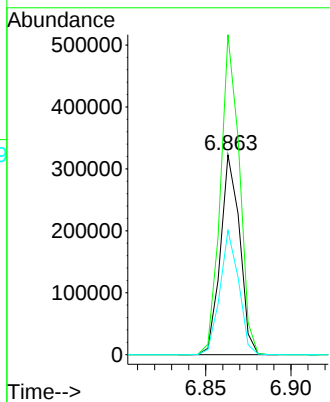
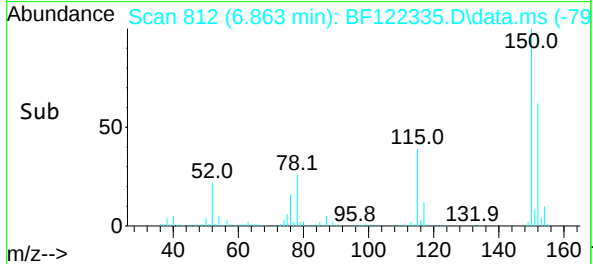




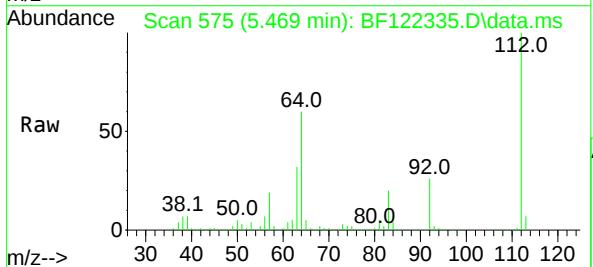
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



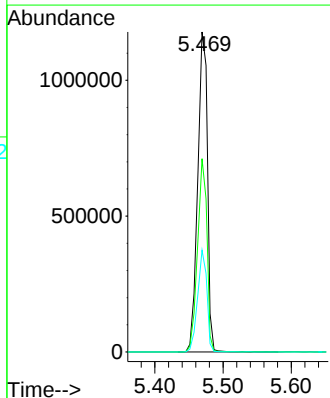
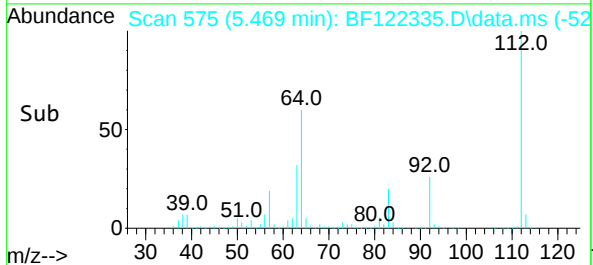
Tgt Ion:152 Resp: 252773
Ion Ratio Lower Upper
152 100
150 160.2 125.3 187.9
115 62.2 51.9 77.9



#5
2-Fluorophenol
Concen: 71.04 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



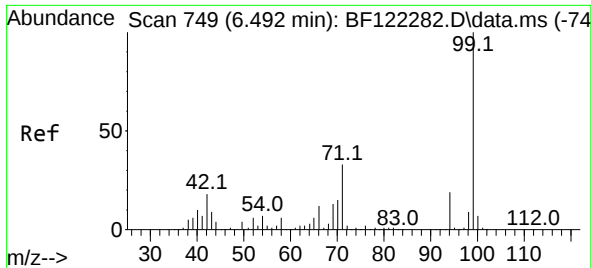
Tgt Ion:112 Resp: 1169481
Ion Ratio Lower Upper
112 100
64 60.4 50.4 75.6
63 31.8 25.8 38.6



Instrument :
BNA_F
ClientSampled :
BG-2-(0.5-1)

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#7
Phenol-d6
Concen: 68.36 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

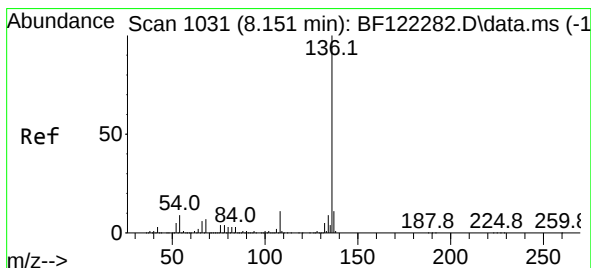
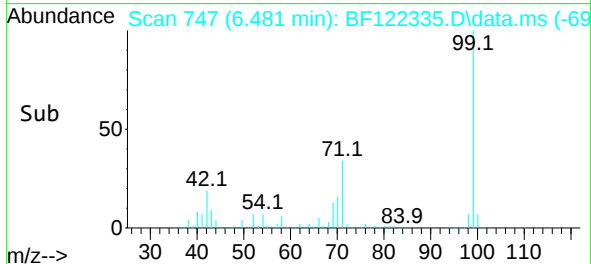
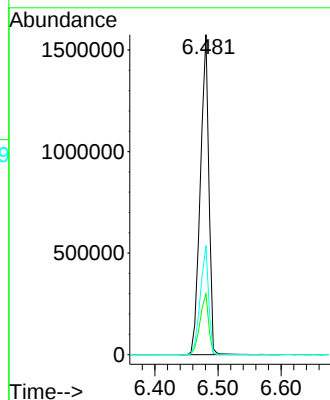
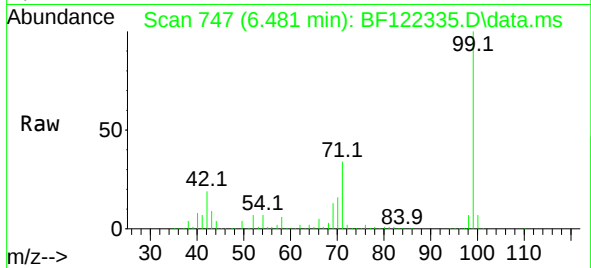
Tgt Ion: 99 Resp: 1472101

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	34.0	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

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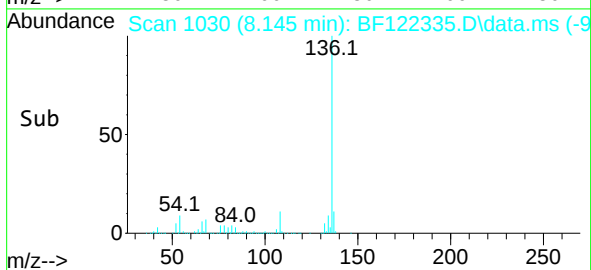
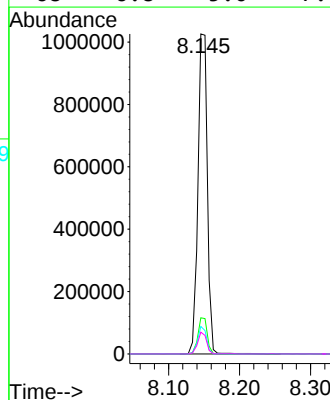
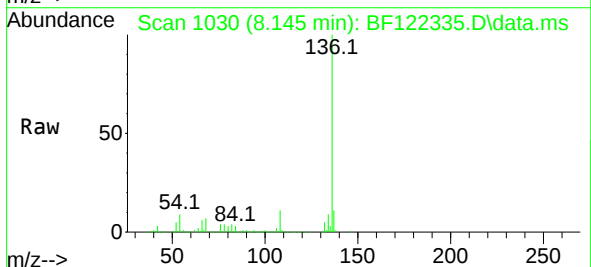
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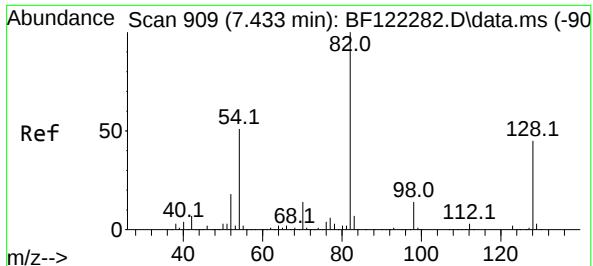


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion: 136 Resp: 948945

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.6	7.1	10.7
68	6.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 59.05 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.011 min

Lab File: BF122335.D

Acq: 13 Nov 2020 18:15

Tgt Ion: 82 Resp: 915373

Ion Ratio Lower Upper

82 100

128 42.9 35.0 52.4

54 49.9 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

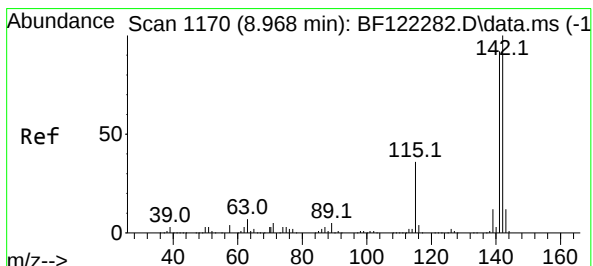
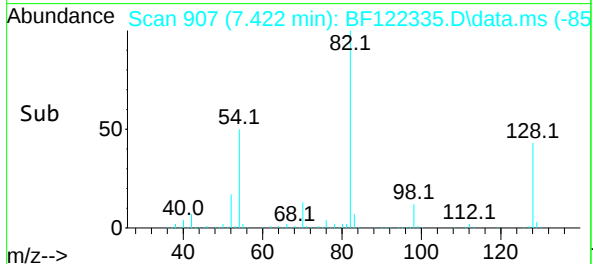
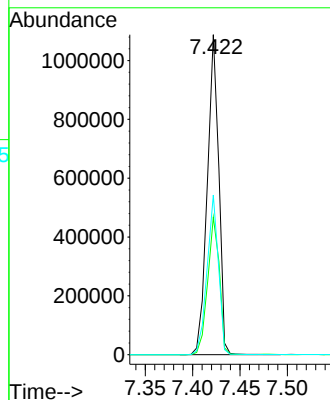
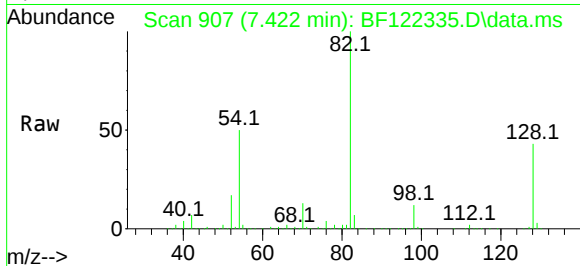
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#38

1-Methylnaphthalene

Concen: 3.27 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.011 min

Lab File: BF122335.D

Acq: 13 Nov 2020 18:15

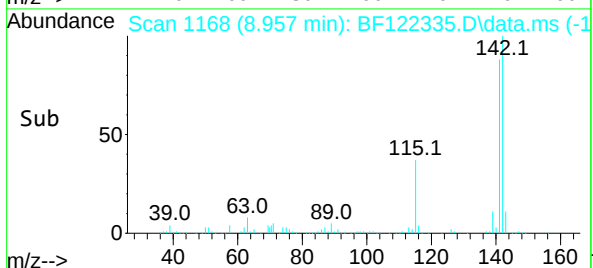
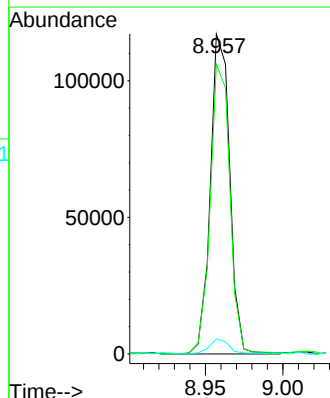
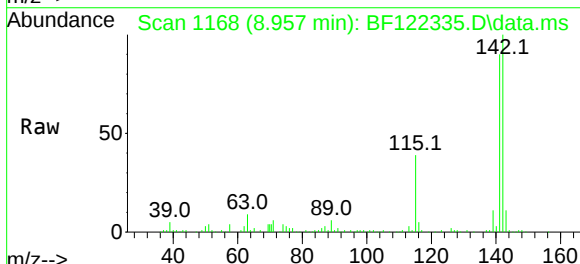
Tgt Ion:142 Resp: 101928

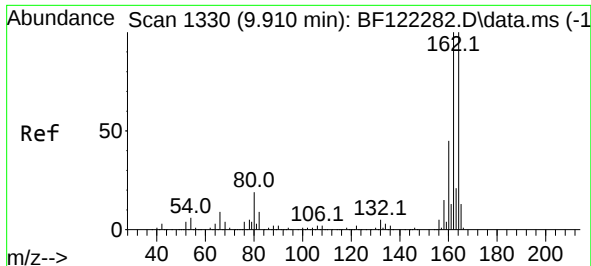
Ion Ratio Lower Upper

142 100

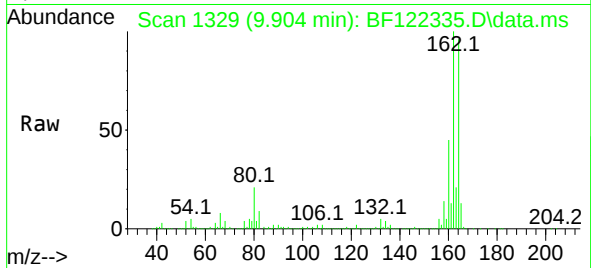
141 90.5 74.5 111.7

116 4.7 3.2 4.8

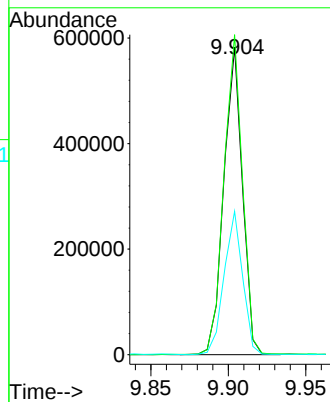
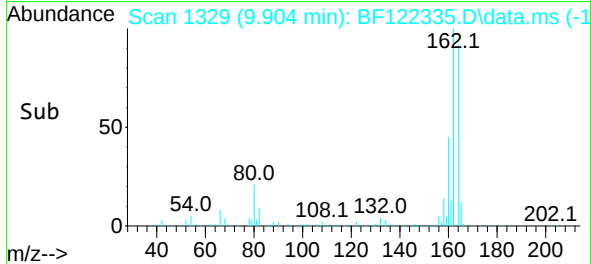




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



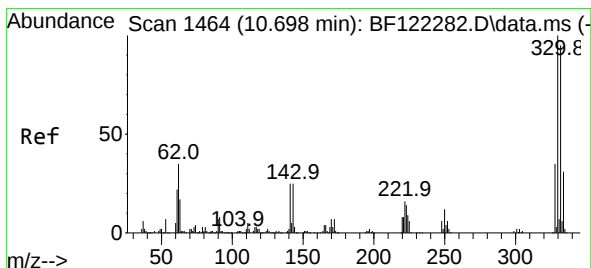
Tgt Ion:164 Resp: 486733
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 46.6 37.5 56.3



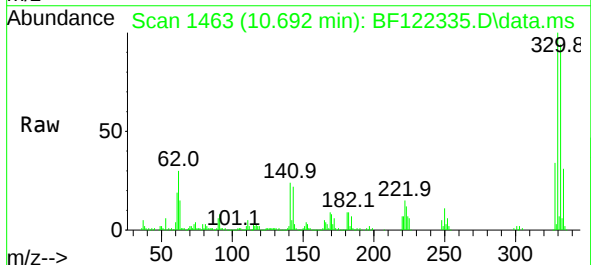
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

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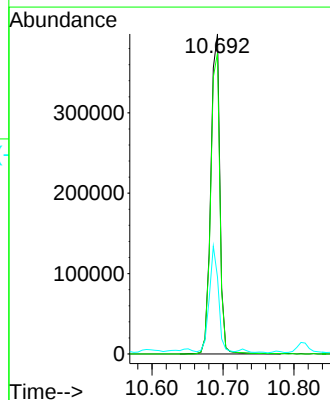
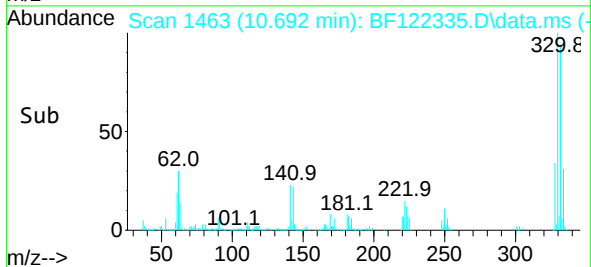
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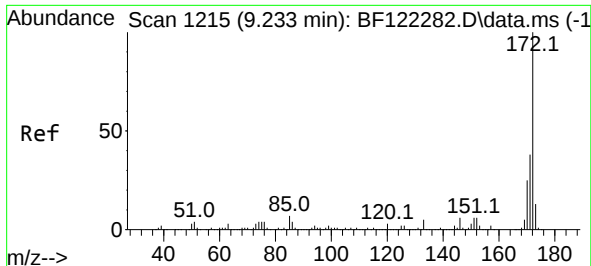


#42
2,4,6-Tribromophenol
Concen: 67.94 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



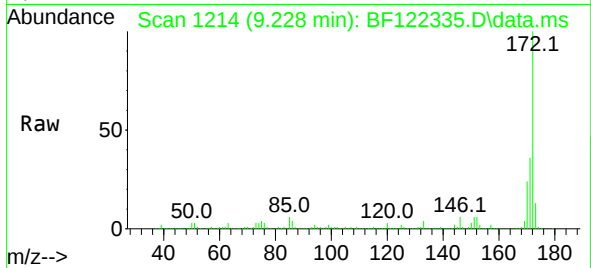
Tgt Ion:330 Resp: 354931
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.2 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 51.06 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

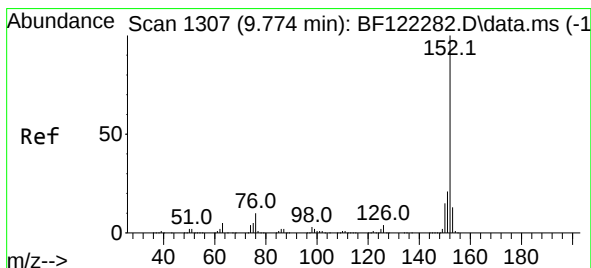
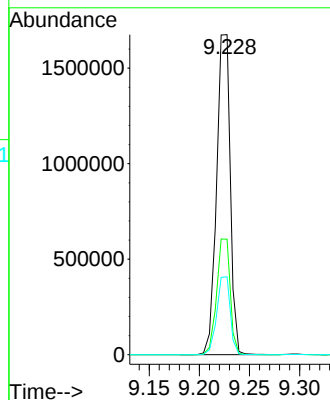
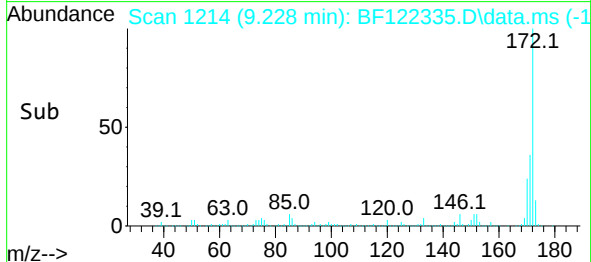
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)



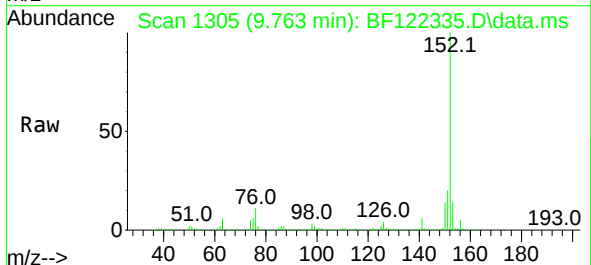
Tgt Ion:172 Resp: 1590724
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.4 19.8 29.6

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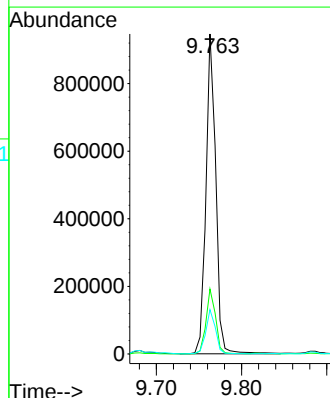
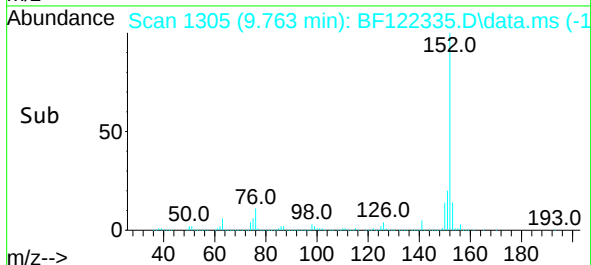
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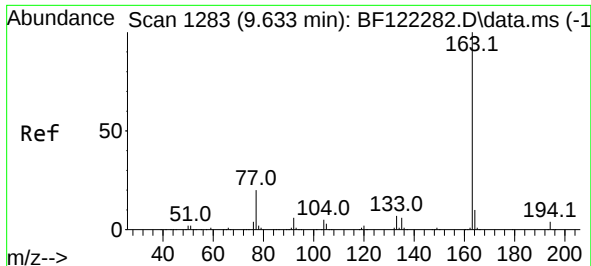


#49
Acenaphthylene
Concen: 15.97 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.011 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



Tgt Ion:152 Resp: 754798
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.6 15.8





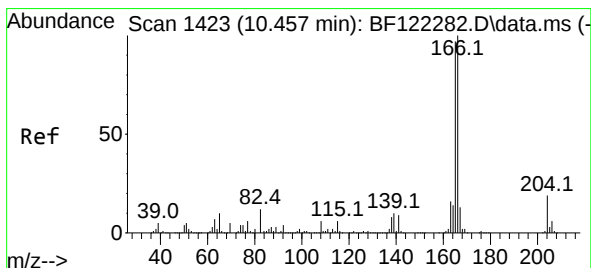
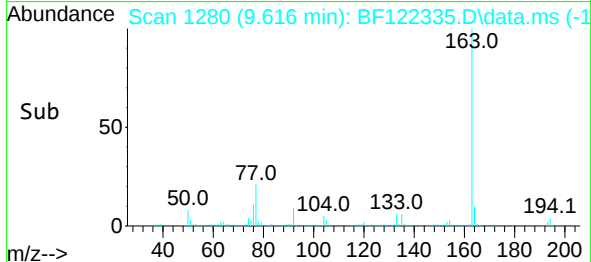
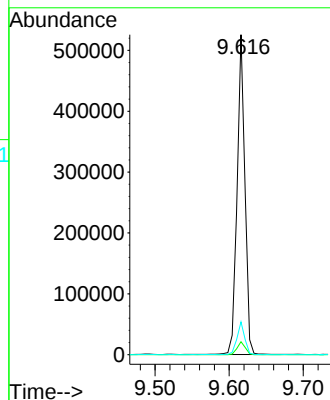
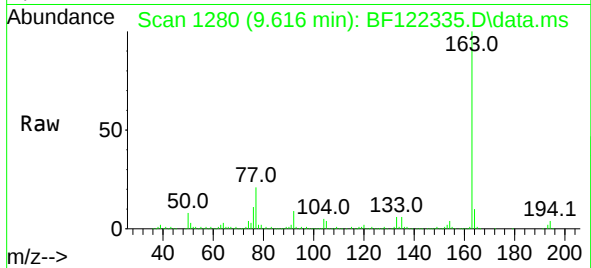
#50
Dimethylphthalate
Concen: 11.07 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:163 Resp: 382973
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

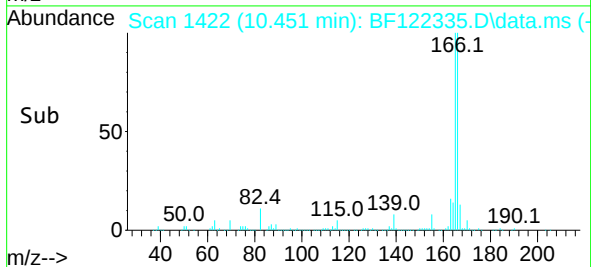
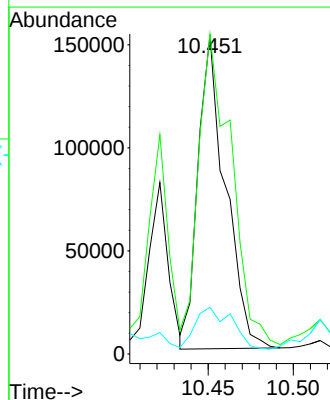
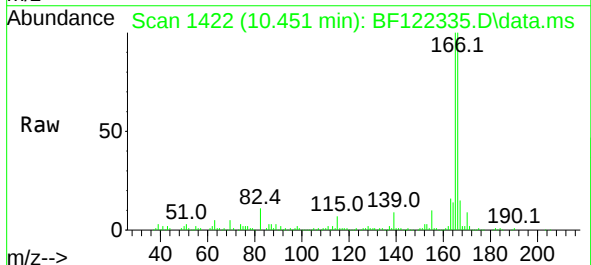
Manual Integrations
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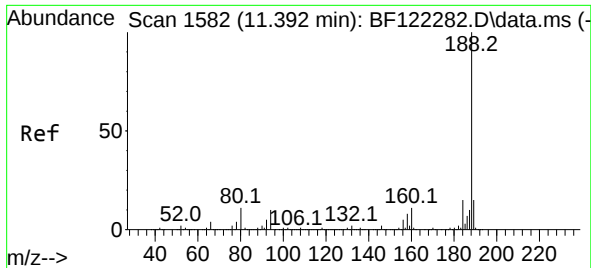
mohammad
11/19/2020 10:27:45 AM



#58
Fluorene
Concen: 5.18 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:166 Resp: 169847
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 14.6 11.0 16.6





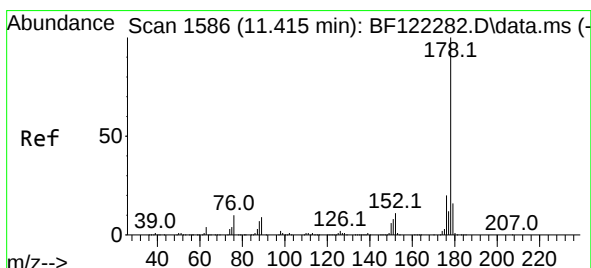
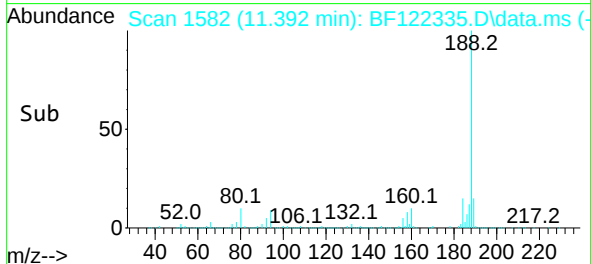
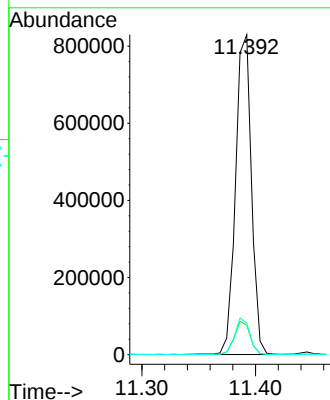
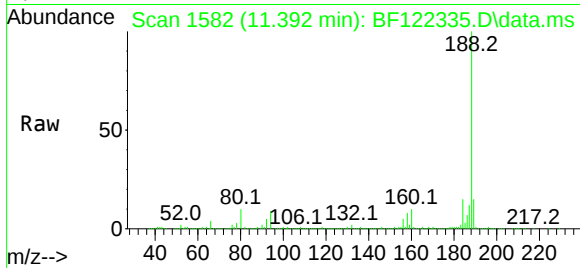
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:188 Resp: 803492
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.8 9.1 13.7

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

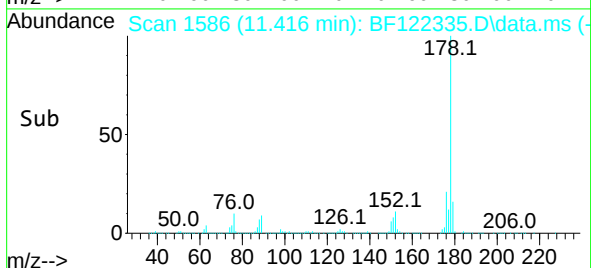
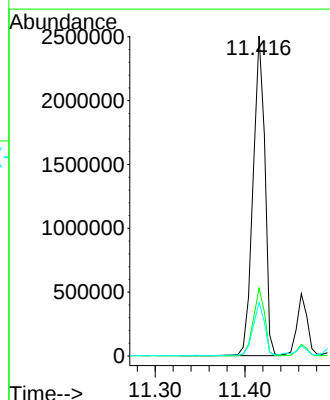
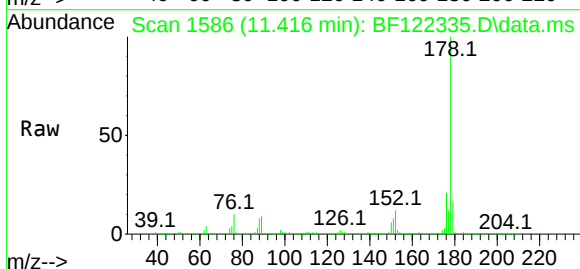
Manual Integrations
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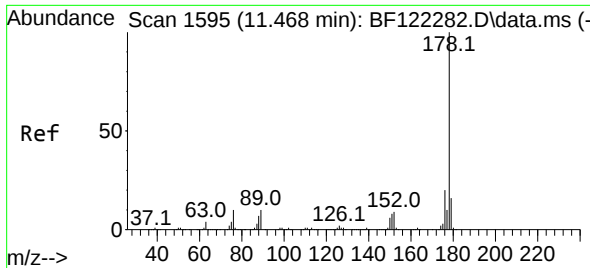
mohammad
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#71
Phenanthrene
Concen: 50.25 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:178 Resp: 2290671
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 16.7 12.2 18.4





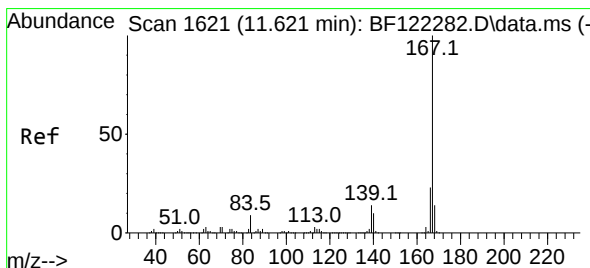
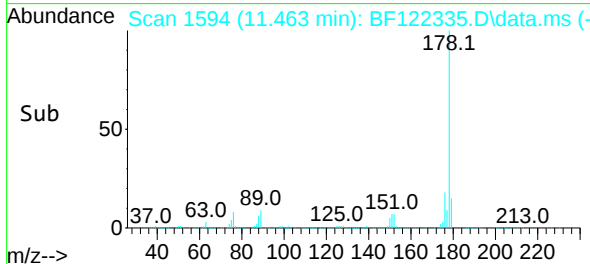
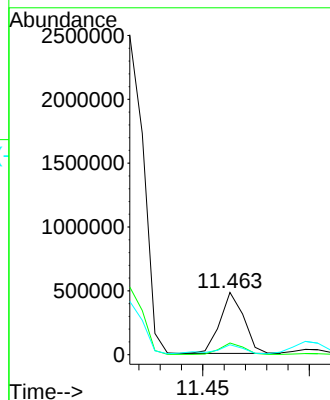
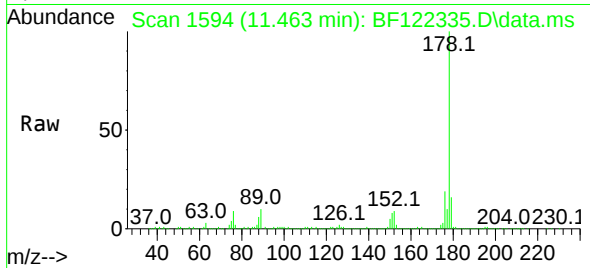
#72
 Anthracene
 Concen: 7.90 ng
 RT: 11.463 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF122335.D
 Acq: 13 Nov 2020 18:15

Tgt Ion:178 Resp: 371405
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.7 23.5
 179 16.1 12.7 19.1

Instrument :
 BNA_F
 ClientSampleId :
 BG-2-(0.5-1)

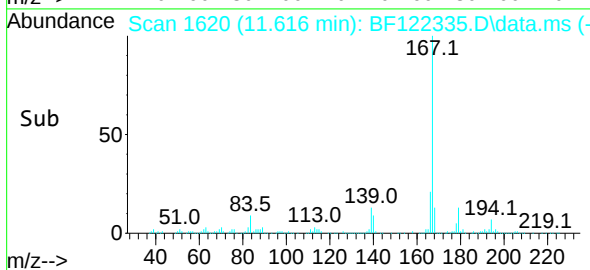
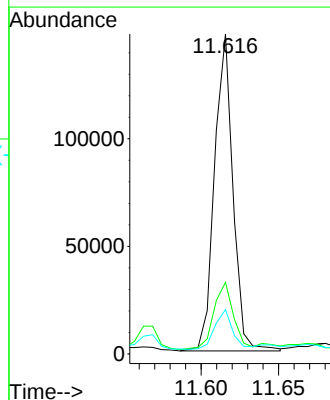
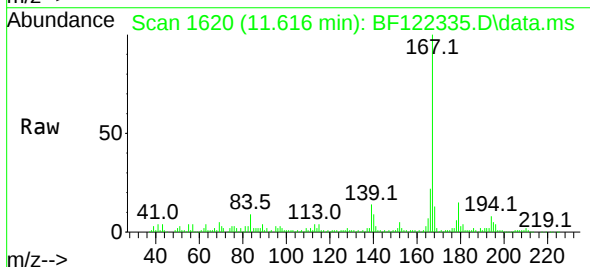
Manual Integrations
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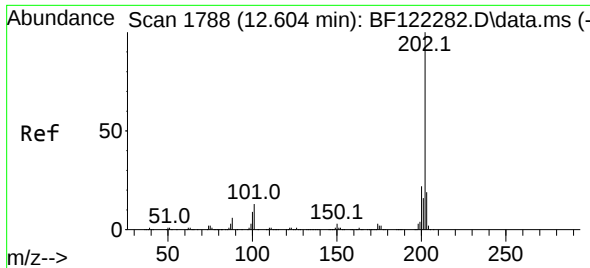
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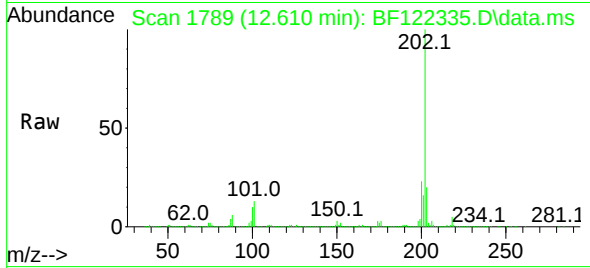
#73
 Carbazole
 Concen: 2.86 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF122335.D
 Acq: 13 Nov 2020 18:15

Tgt Ion:167 Resp: 122137
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.9 10.8 16.2

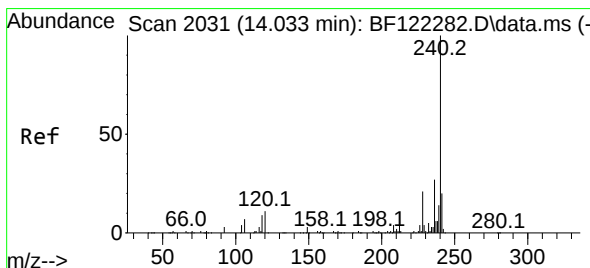
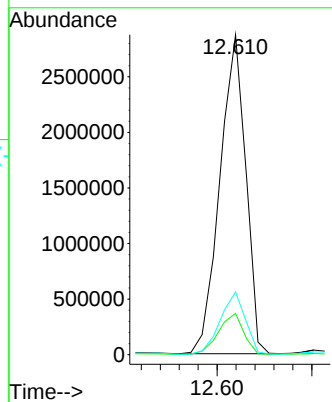
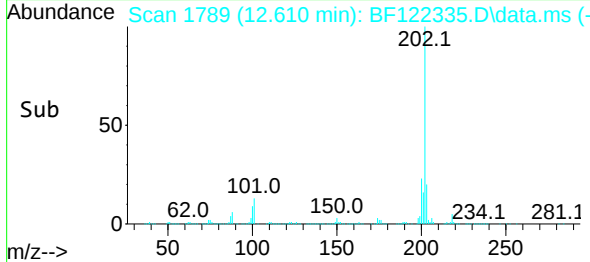




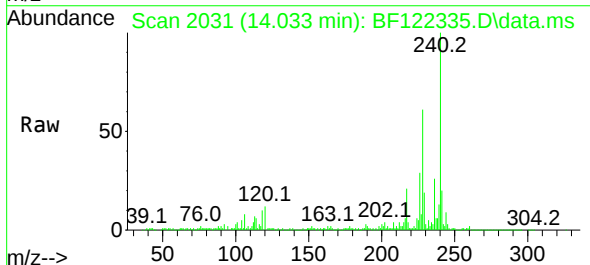
#75
Fluoranthene
Concen: 57.06 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



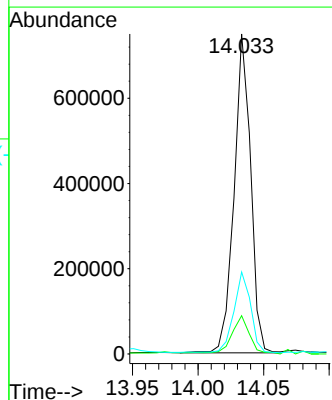
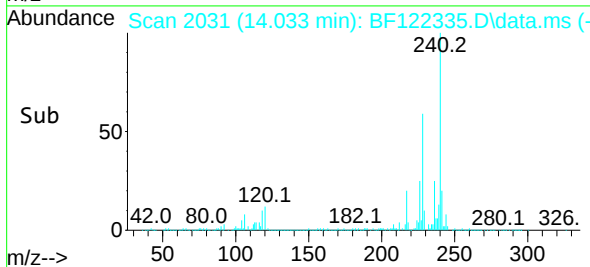
Tgt Ion:202 Resp: 2715514
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.4
203 19.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



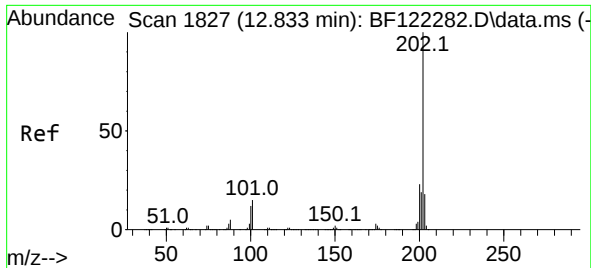
Tgt Ion:240 Resp: 658106
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.6 20.9 31.3



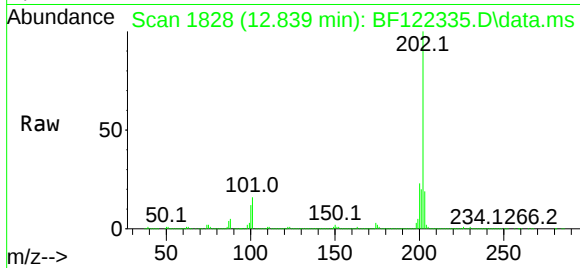
Instrument :
BNA_F
ClientSampled :
BG-2-(0.5-1)

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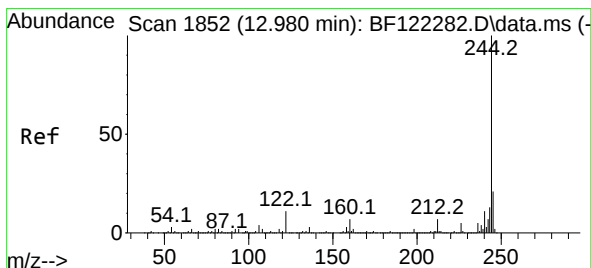
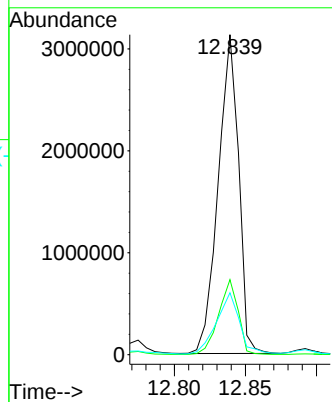
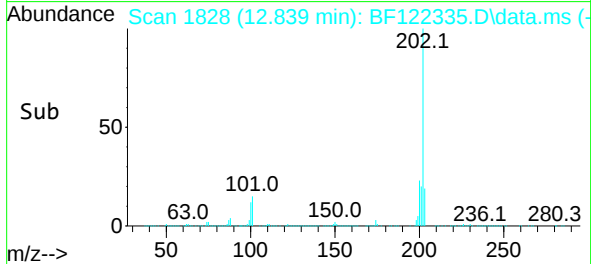
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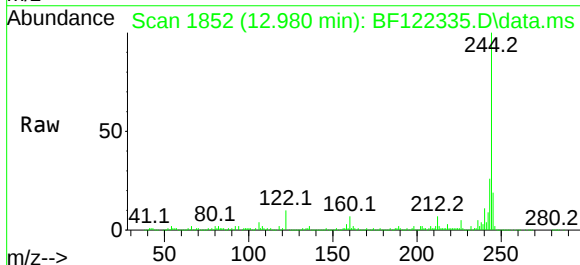
#78
Pyrene
Concen: 67.54 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



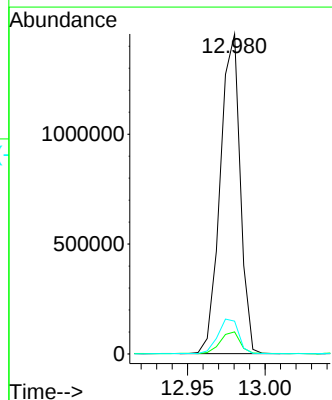
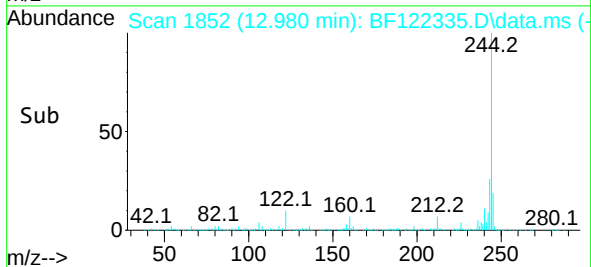
Tgt Ion:202 Resp: 3122707
Ion Ratio Lower Upper
202 100
200 23.4 17.4 26.2
203 19.4 14.6 21.8



#79
Terphenyl-d14
Concen: 41.92 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



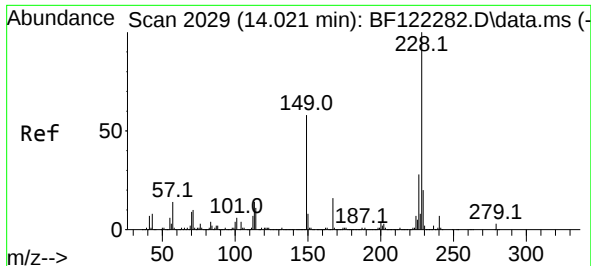
Tgt Ion:244 Resp: 1302172
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.3 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

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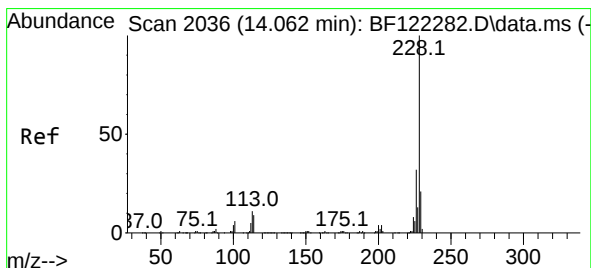
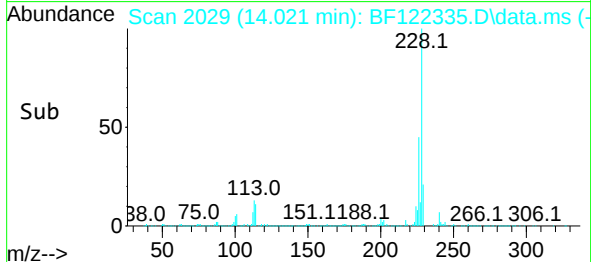
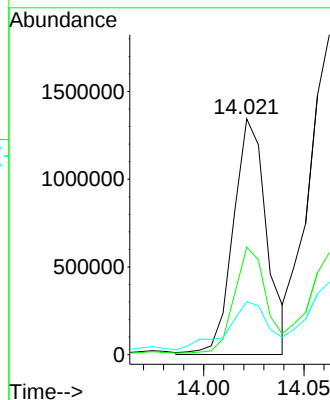
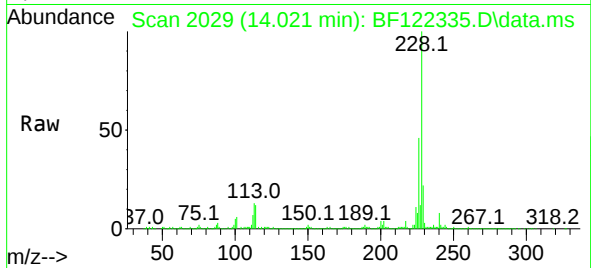
#81
Benzo(a)anthracene
Concen: 38.16 ng m
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:228 Resp: 1561795
Ion Ratio Lower Upper
228 100
226 45.6 22.3 33.5#
229 22.4 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

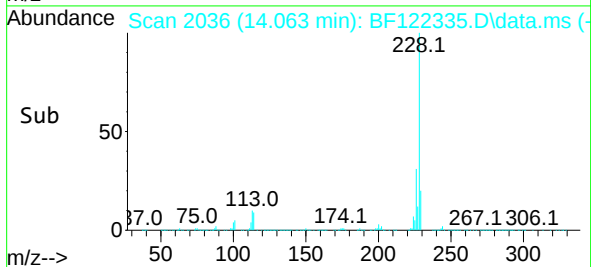
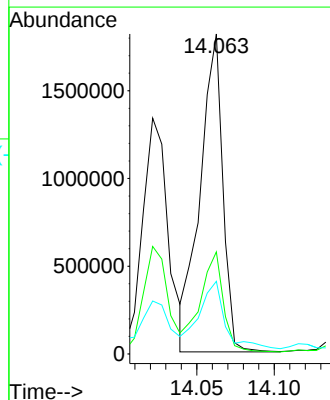
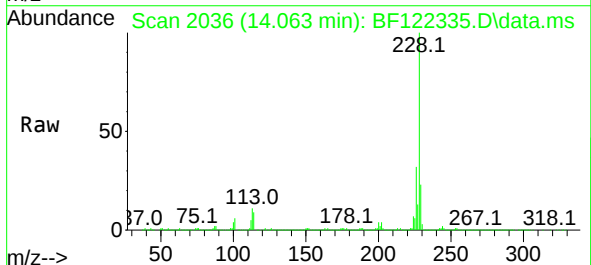
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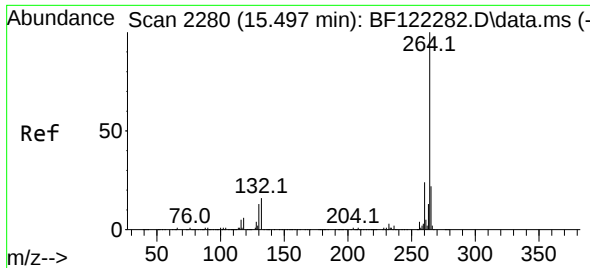
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#83
Chrysene
Concen: 44.73 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:228 Resp: 1843784
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 22.7 15.9 23.9





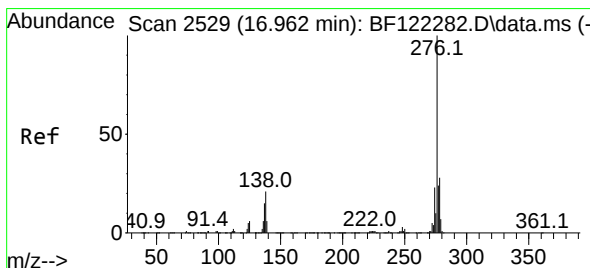
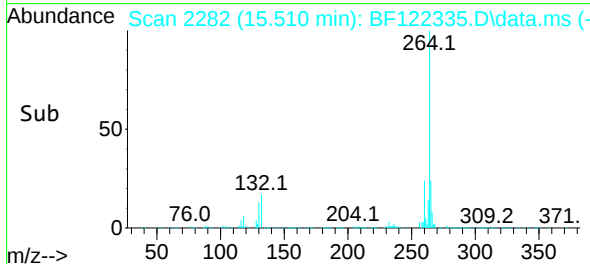
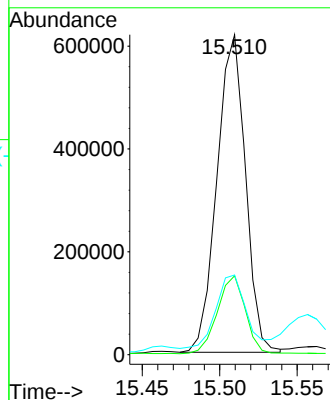
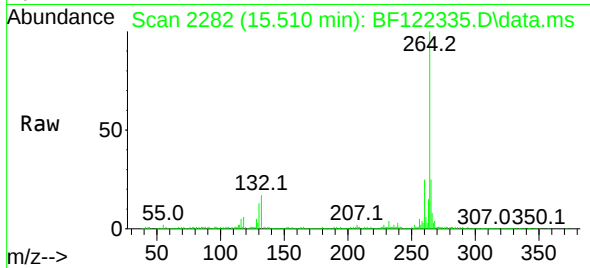
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion: 264 Resp: 788963
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 24.9 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

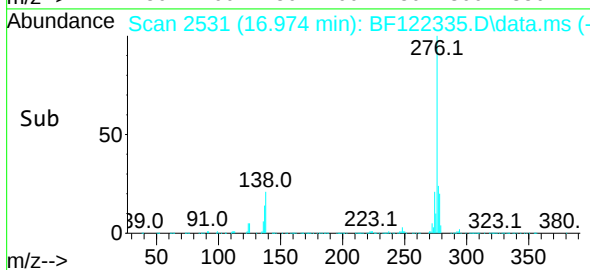
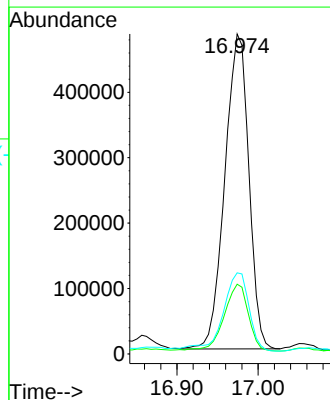
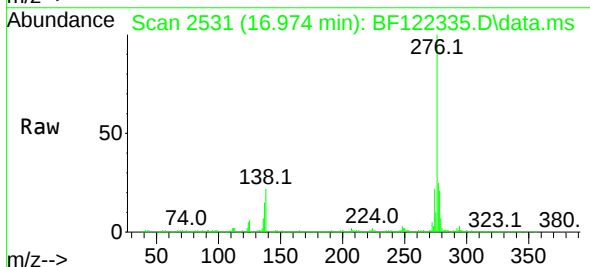
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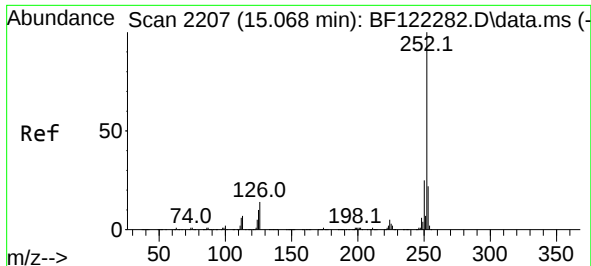
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#87
Indeno(1,2,3-cd)pyrene
Concen: 20.87 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.012 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion: 276 Resp: 987780
Ion Ratio Lower Upper
276 100
138 21.7 19.9 29.9
277 26.9 20.4 30.6





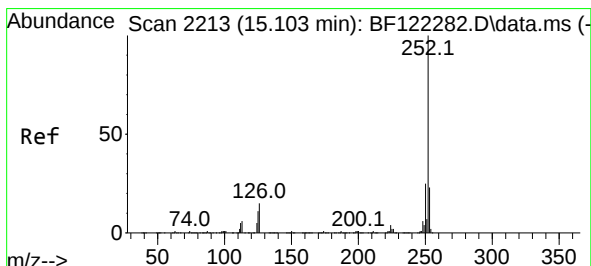
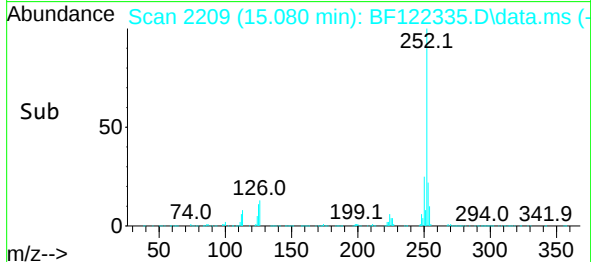
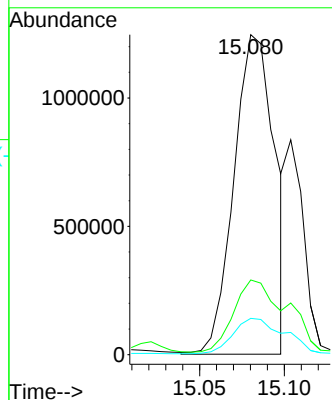
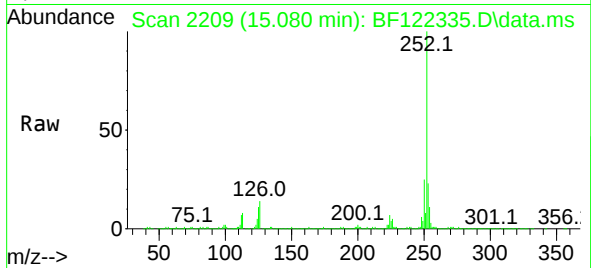
#88
Benzo(b)fluoranthene
Concen: 40.79 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.012 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

Tgt Ion:252 Resp: 2084100
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 11.3 8.0 12.0

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

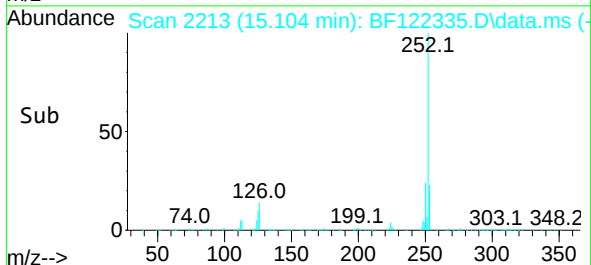
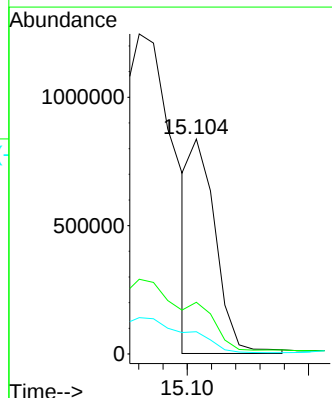
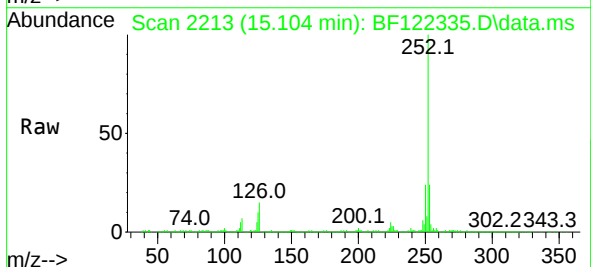
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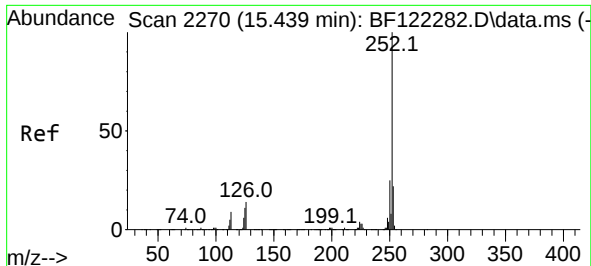
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#89
Benzo(k)fluoranthene
Concen: 12.31 ng m
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

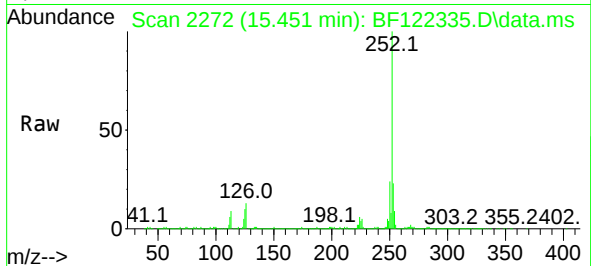
Tgt Ion:252 Resp: 613332
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 10.4 7.7 11.5





#90
Benzo(a)pyrene
Concen: 34.16 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15

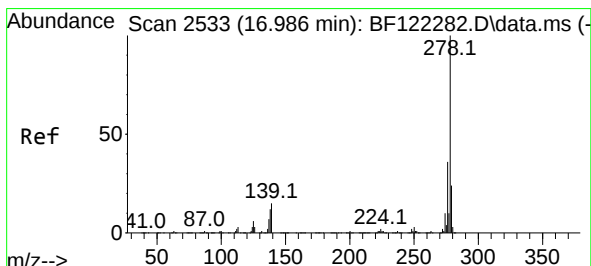
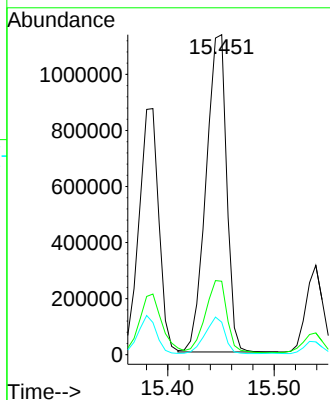
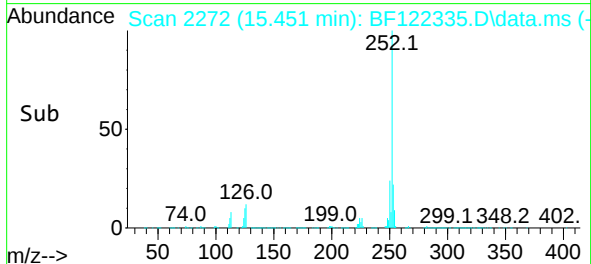
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)



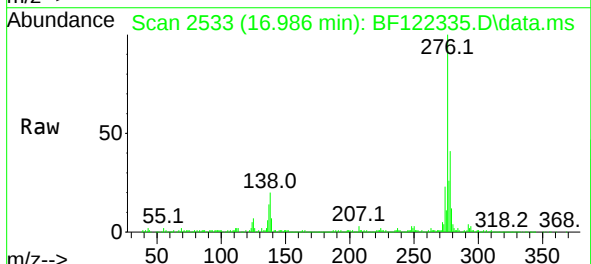
Tgt Ion:252 Resp: 1521657
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.2 8.6 13.0

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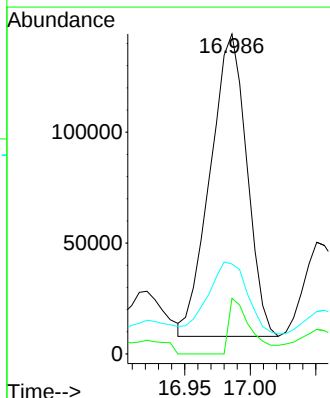
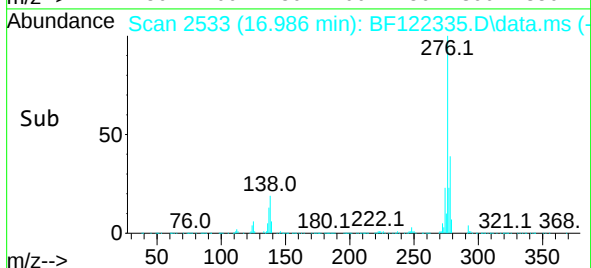
mohammad
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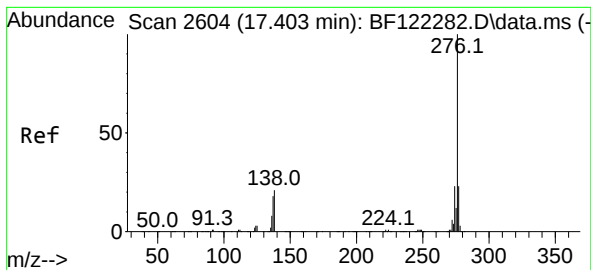


#91
Dibenzo(a,h)anthracene
Concen: 6.67 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BF122335.D
Acq: 13 Nov 2020 18:15



Tgt Ion:278 Resp: 264597
Ion Ratio Lower Upper
278 100
139 17.4 13.0 19.4
279 28.1 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 26.34 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.018 min

Lab File: BF122335.D

Acq: 13 Nov 2020 18:15

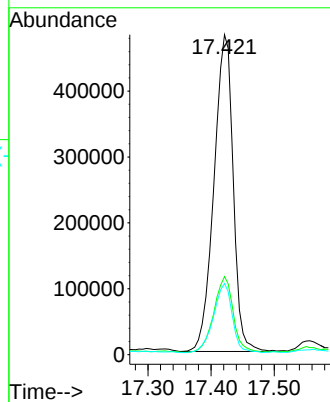
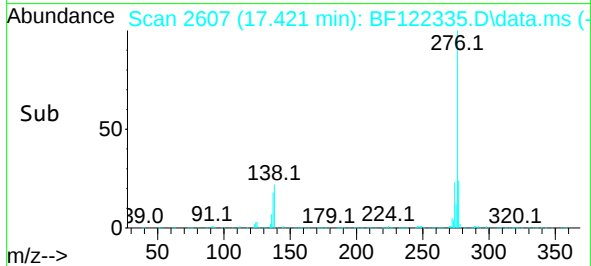
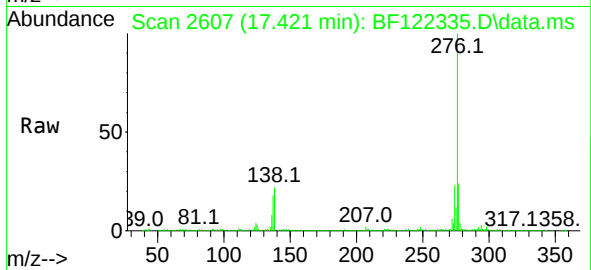
Tgt Ion: 276 Resp: 1015552

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 22.2 17.8 26.6



Instrument :

BNA_F

ClientSampleId :

BG-2-(0.5-1)

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