

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124190.D
 Acq On : 8 Jun 2021 20:44
 Operator : JU/CG
 Sample : M2589-09RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B9(4-6)RE

Manual Integrations
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Quant Time: Jun 09 04:09:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	42849	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	162659	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	84861	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	112169	20.000	ng	0.00
76) Chrysene-d12	14.033	240	96739	20.000	ng	0.00
86) Perylene-d12	15.521	264	82198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	11539	4.054	ng	0.01
7) Phenol-d6	6.504	99	68157	17.814	ng	0.00
23) Nitrobenzene-d5	7.422	82	163880	39.959	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	531	0.442	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	293522	43.525	ng	0.00
79) Terphenyl-d14	12.974	244	213692	30.328	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.927	154	11258	2.034	ng	86
71) Phenanthrene	11.410	178	134058	19.132	ng	98
72) Anthracene	11.463	178	37302	5.286	ng	97
75) Fluoranthene	12.604	202	321013	43.645	ng	98
78) Pyrene	12.833	202	290645	31.288	ng	99
81) Benzo(a)anthracene	14.021	228	139957	19.859	ng	96
83) Chrysene	14.062	228	119903	17.634	ng	96
84) Bis(2-ethylhexyl)phtha...	14.009	149	11271	2.514	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.009	276	52131	11.267	ng	98
88) Benzo(b)fluoranthene	15.086	252	152821m	23.934	ng	
89) Benzo(k)fluoranthene	15.109	252	41788m	6.913	ng	
90) Benzo(a)pyrene	15.456	252	96723	17.440	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	13197	6.239	ng	# 86
92) Benzo(g,h,i)perylene	17.462	276	47021	11.321	ng	95

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

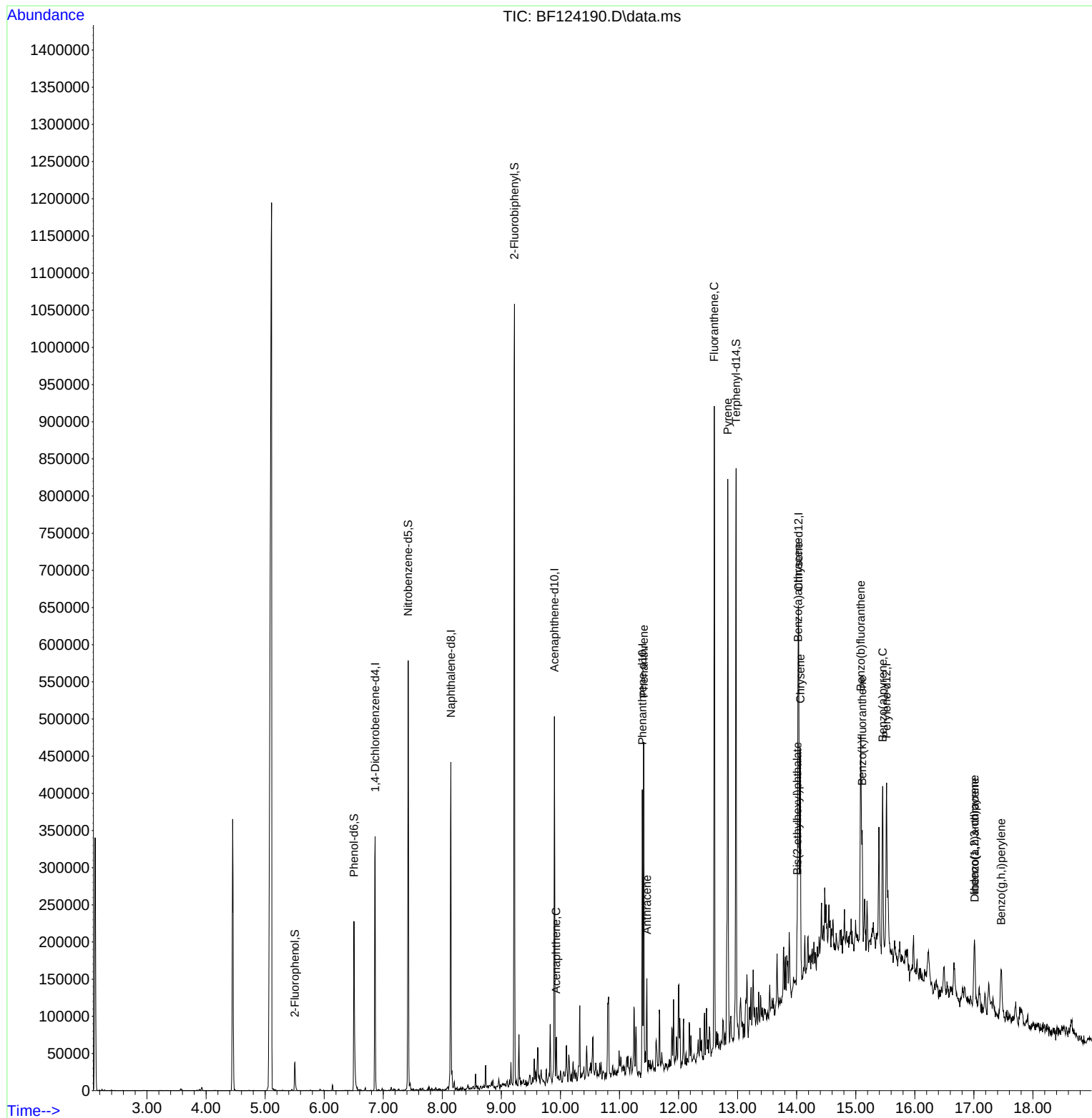
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124190.D
Acq On : 8 Jun 2021 20:44
Operator : JU/CG
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Misc :
ALS Vial : 8 Sample Multiplier: 1

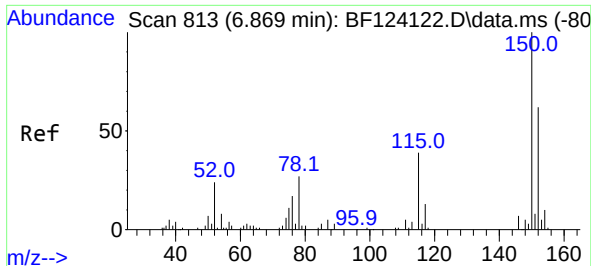
Instrument :
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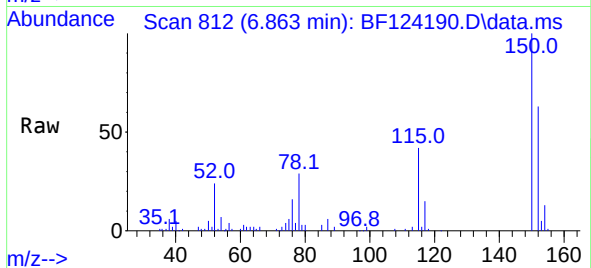
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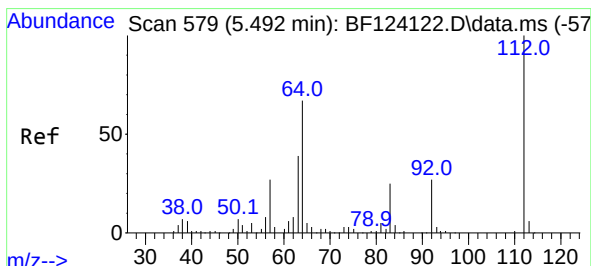
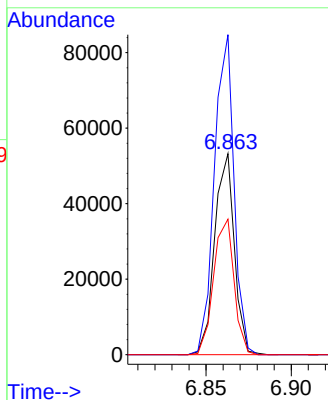
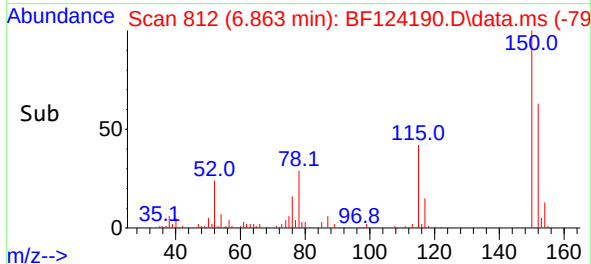




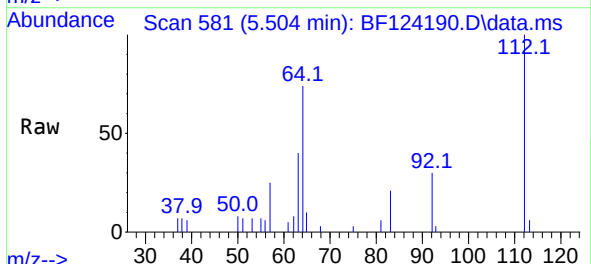
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



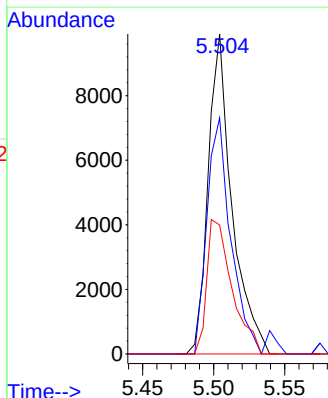
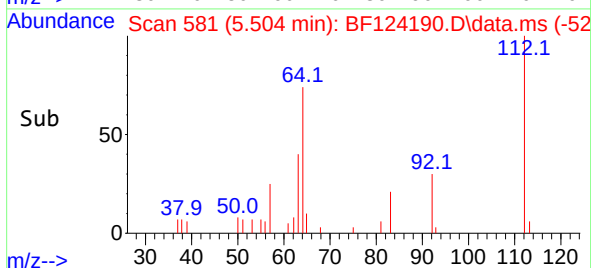
Tgt Ion:152 Resp: 42849
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 67.4 54.3 81.5



#5
2-Fluorophenol
Concen: 4.054 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



Tgt Ion:112 Resp: 11539
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 40.3 33.0 49.4

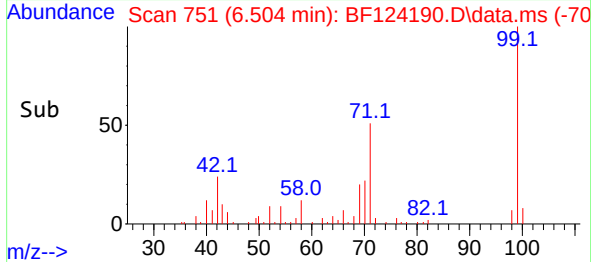
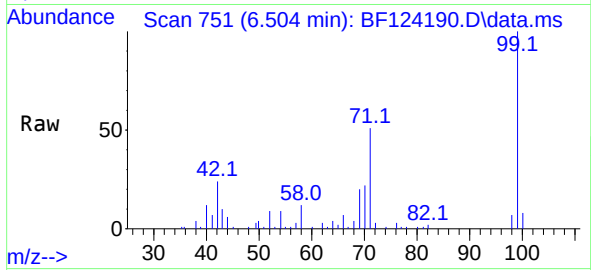
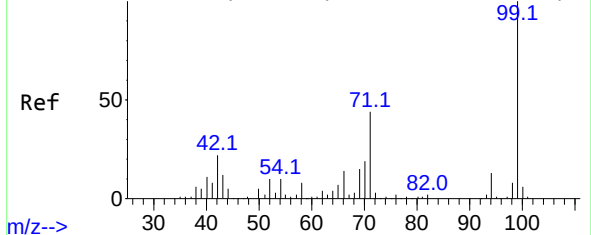


Instrument :
BNA_F
ClientSampled :
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Abundance Scan 752 (6.510 min): BF124122.D\data.ms (-74



#7

Phenol-d6

Concen: 17.814 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF124190.D

Acq: 8 Jun 2021 20:44

Tgt Ion: 99 Resp: 68157

Ion Ratio Lower Upper

99 100

42 24.5 19.8 29.8

71 50.7 31.1 46.7#

Instrument :

BNA_F

ClientSampleId :

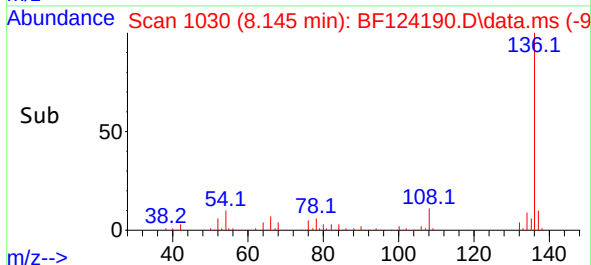
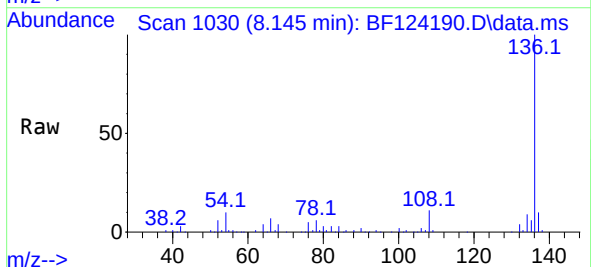
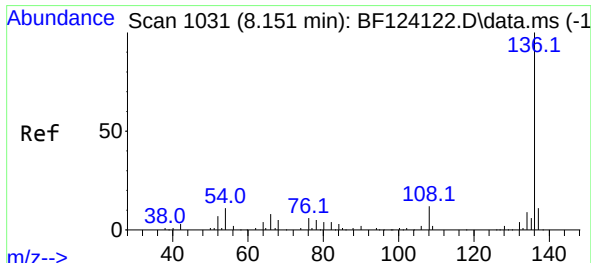
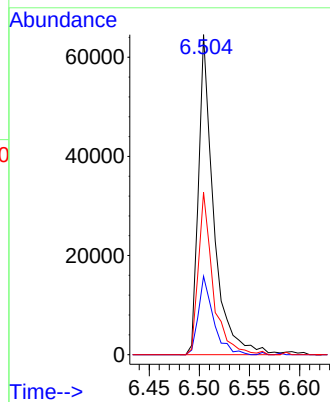
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF124190.D

Acq: 8 Jun 2021 20:44

Tgt Ion:136 Resp: 162659

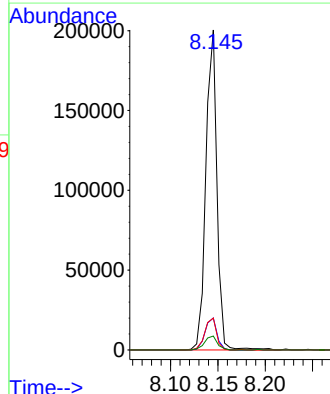
Ion Ratio Lower Upper

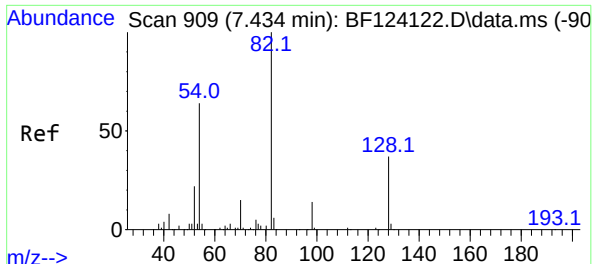
136 100

137 10.0 8.7 13.1

54 9.9 9.8 14.6

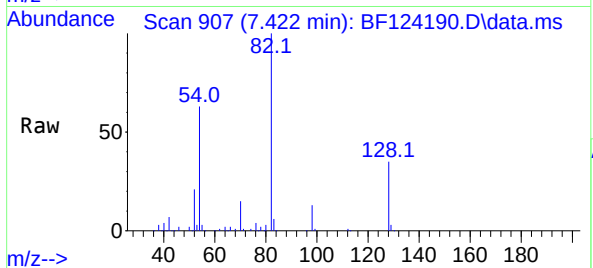
68 4.3 4.1 6.1





#23
Nitrobenzene-d5
Concen: 39.959 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

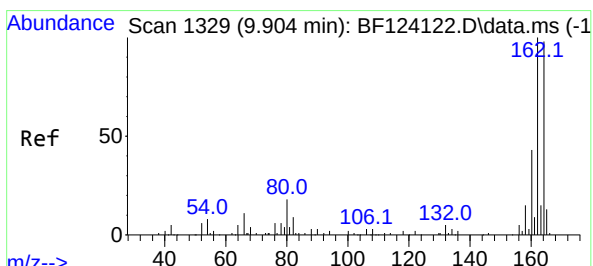
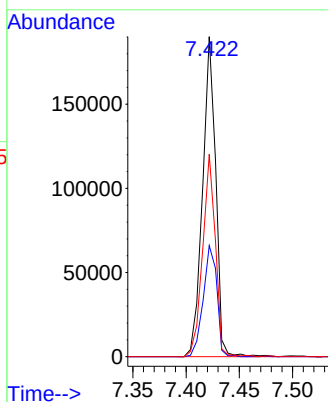
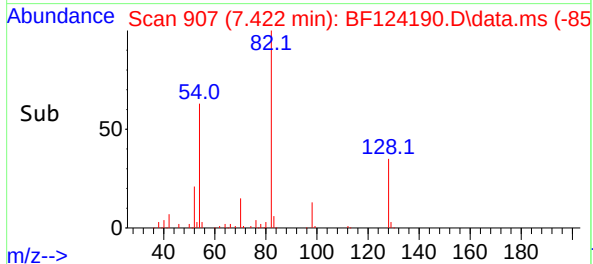
Instrument :
BNA_F
ClientSampleId :
18-B9(4-6)RE



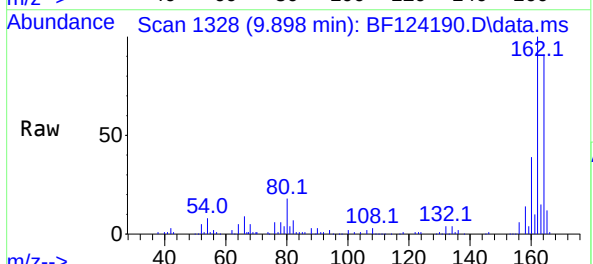
Tgt Ion: 82 Resp: 163880
Ion Ratio Lower Upper
82 100
128 34.7 29.4 44.2
54 63.2 54.1 81.1

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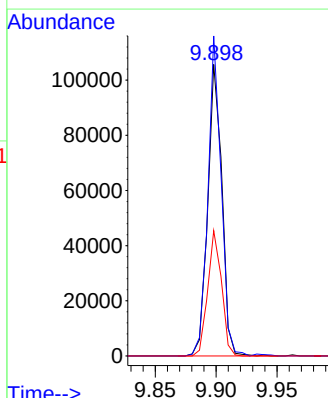
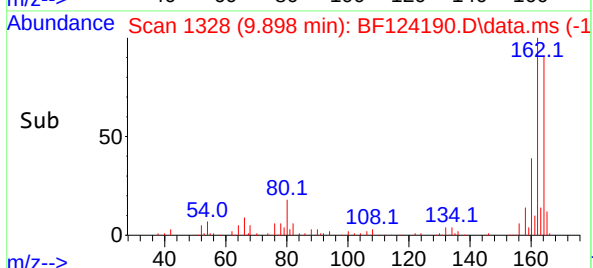
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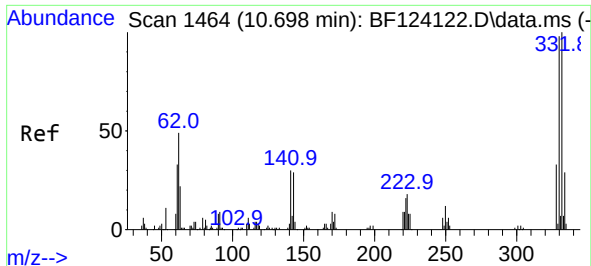


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



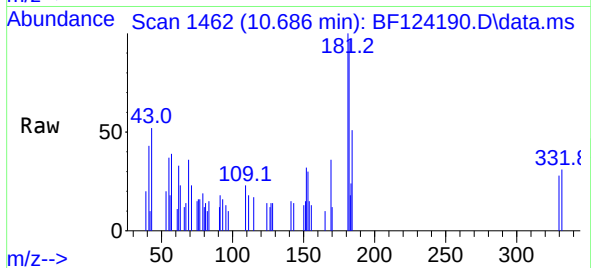
Tgt Ion: 164 Resp: 84861
Ion Ratio Lower Upper
164 100
162 109.8 80.7 121.1
160 43.0 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

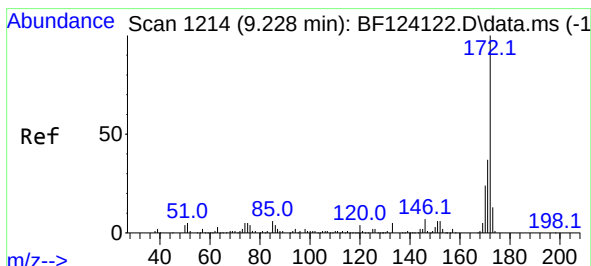
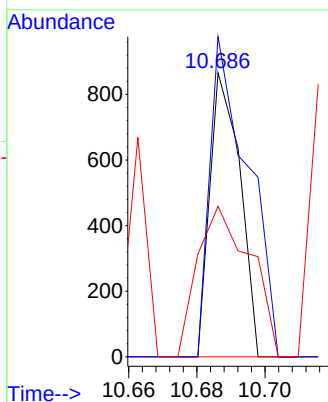
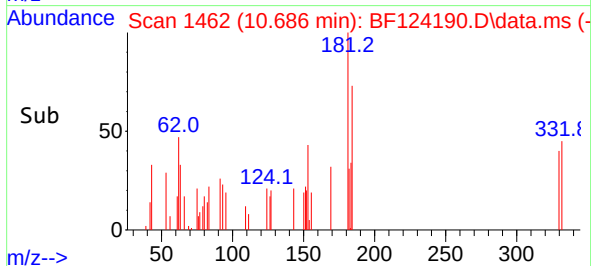
Instrument :
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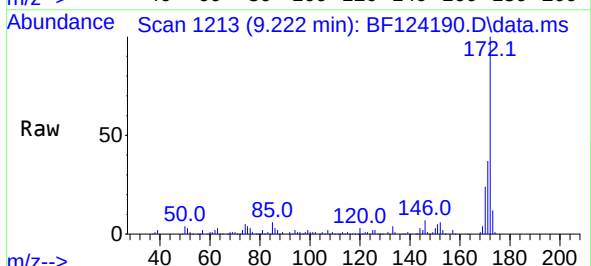
Tgt Ion: 330 Resp: 531
Ion Ratio Lower Upper
330 100
332 142.0 77.1 115.7#
141 93.0 27.9 41.9#

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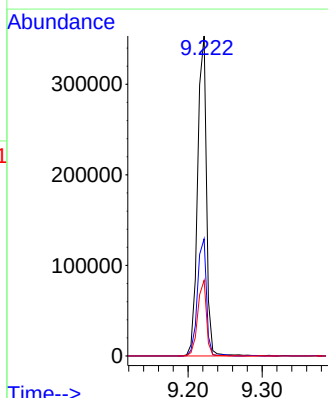
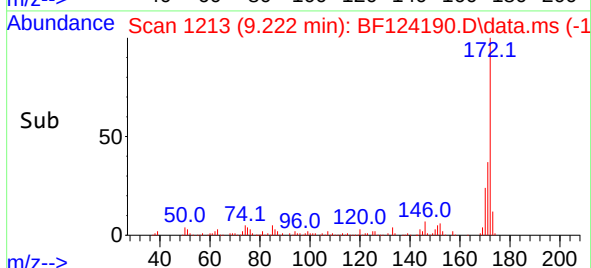
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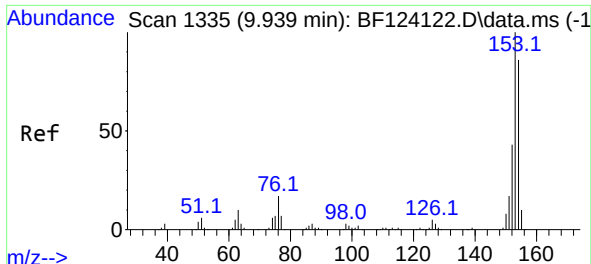


#45
2-Fluorobiphenyl
Concen: 43.525 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

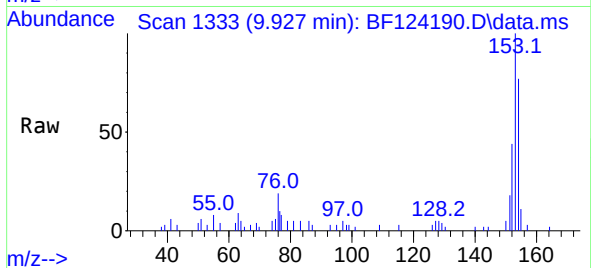


Tgt Ion: 172 Resp: 293522
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 23.7 19.2 28.8

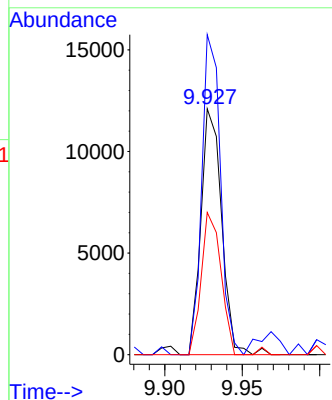
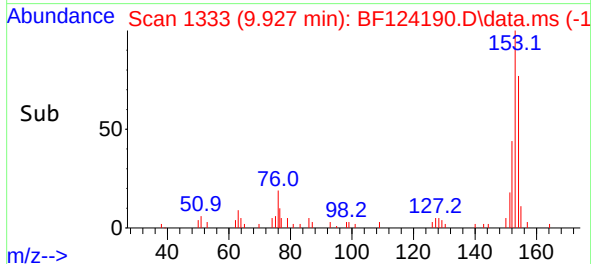




#52
Acenaphthene
Concen: 2.034 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



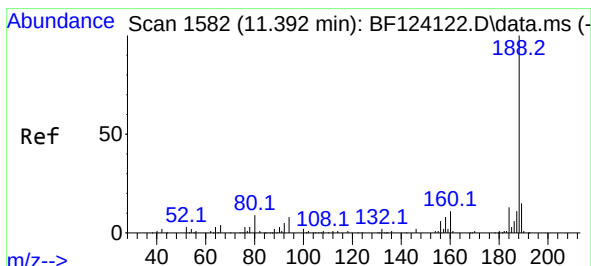
Tgt Ion:154 Resp: 11258
Ion Ratio Lower Upper
154 100
153 130.2 88.1 132.1
152 57.8 43.4 65.0



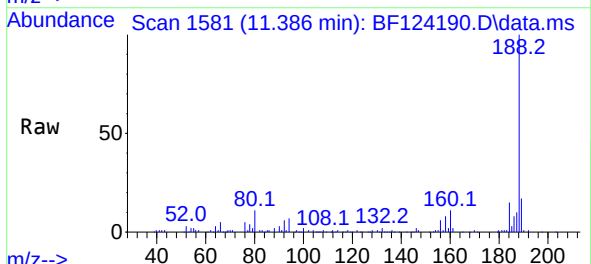
Instrument :
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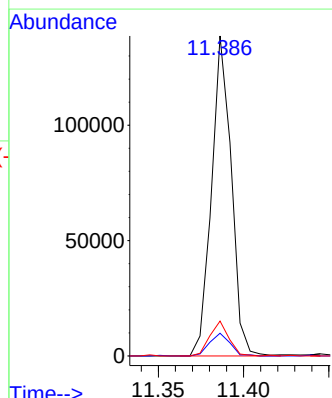
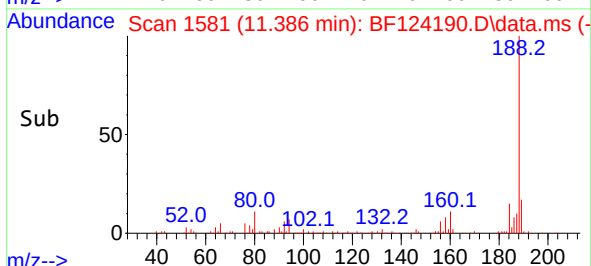
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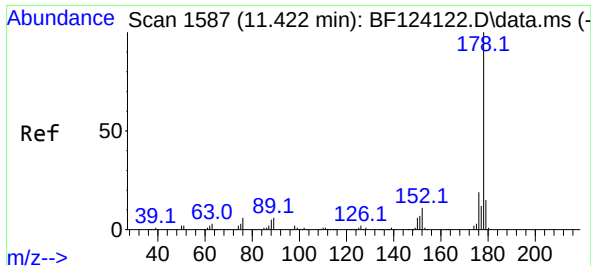


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



Tgt Ion:188 Resp: 112169
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 10.9 8.2 12.2





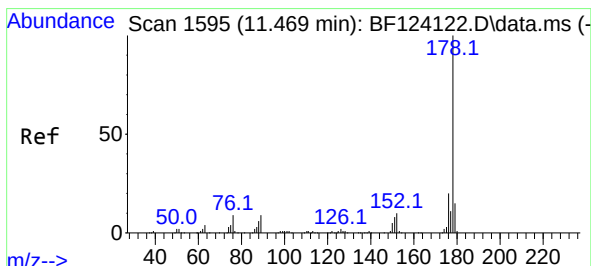
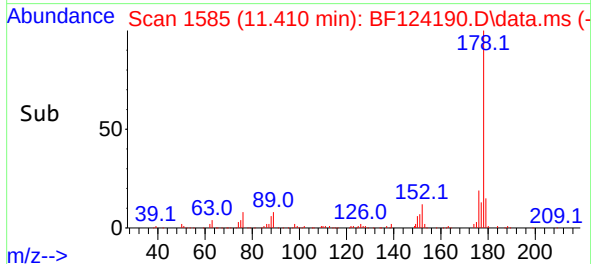
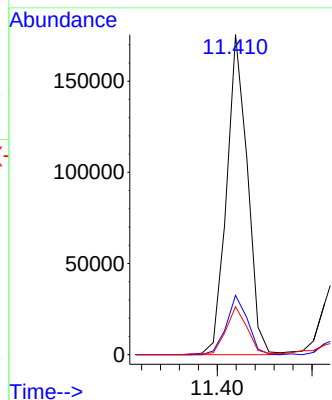
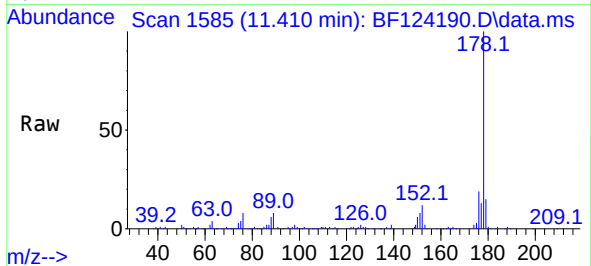
#71
Phenanthrene
Concen: 19.132 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:178 Resp: 134058
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.0 12.5 18.7

Instrument :
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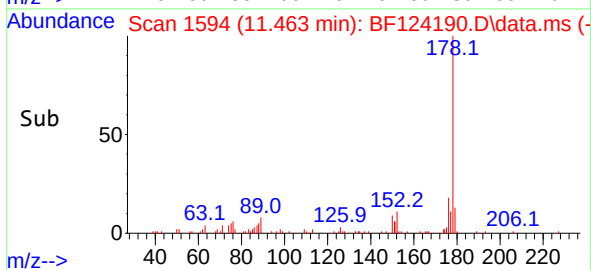
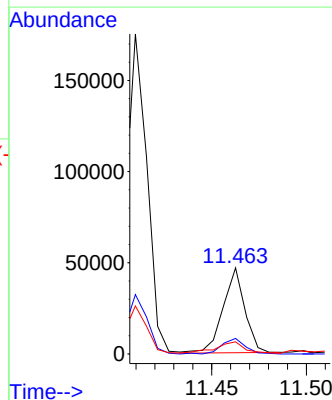
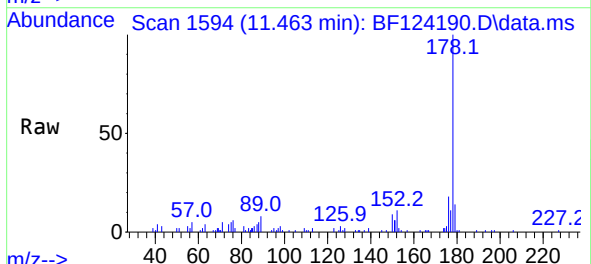
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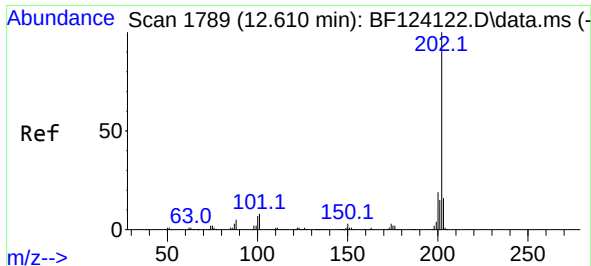
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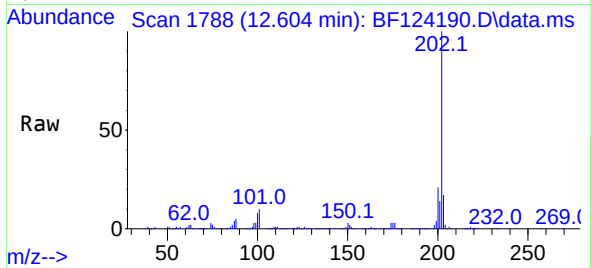
#72
Anthracene
Concen: 5.286 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:178 Resp: 37302
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 14.2 12.6 18.8

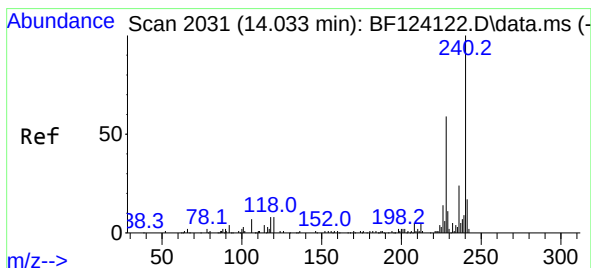
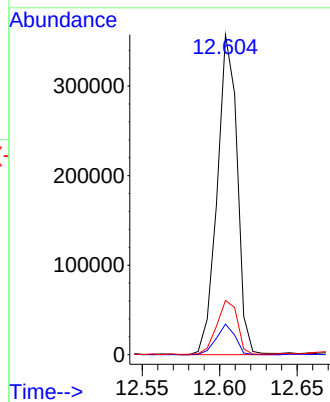
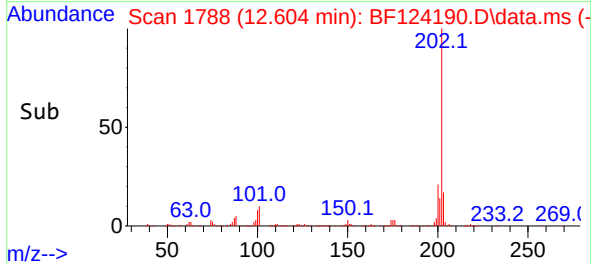




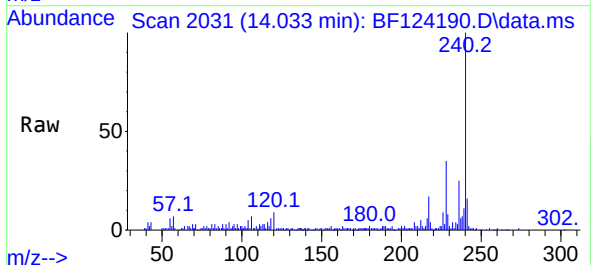
#75
Fluoranthene
Concen: 43.645 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



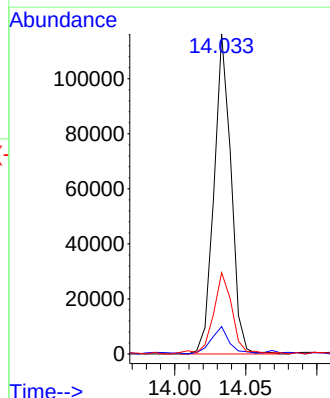
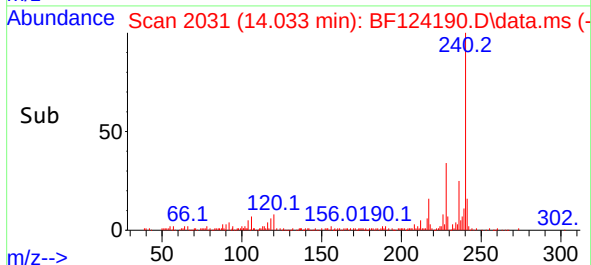
Tgt Ion:202 Resp: 321013
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.9
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



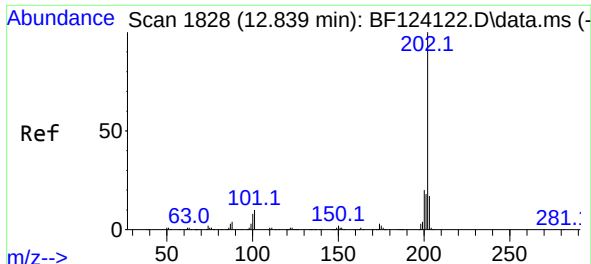
Tgt Ion:240 Resp: 96739
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 25.4 19.0 28.4



Instrument :
BNA_F
ClientSampleId :
18-B9(4-6)RE

Manual Integrations
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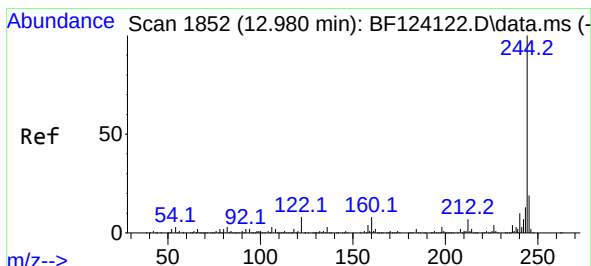
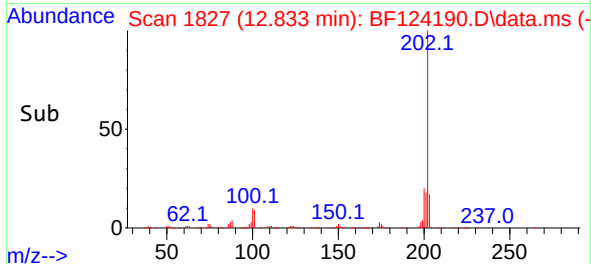
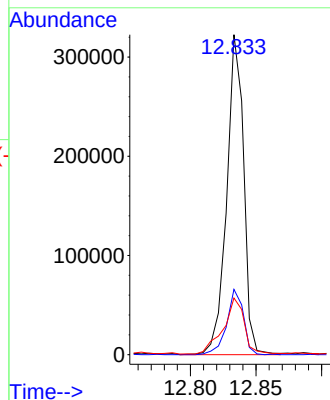
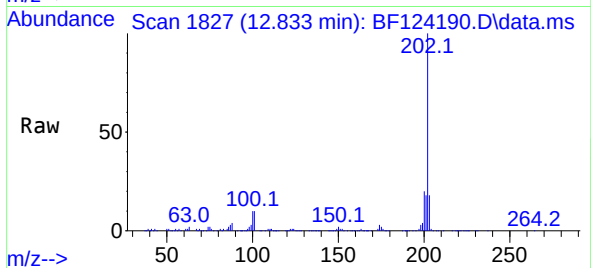
#78
Pyrene
Concen: 31.288 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:202 Resp: 290645
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.7 14.8 22.2

Instrument :
BNA_F
ClientSampleId :
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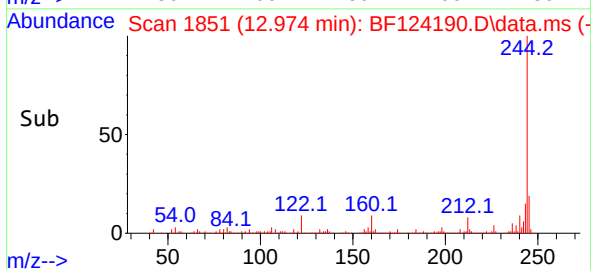
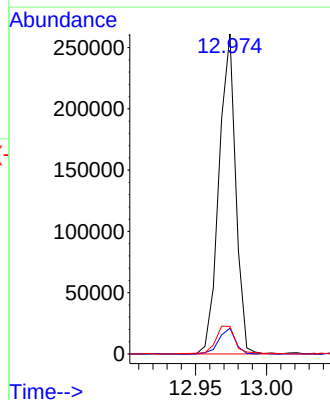
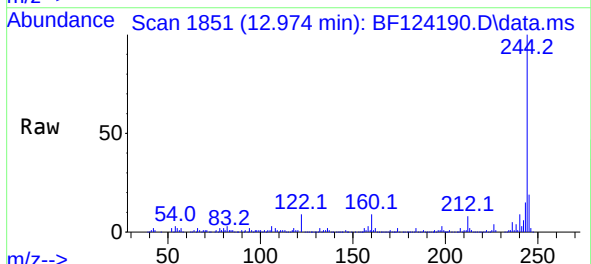
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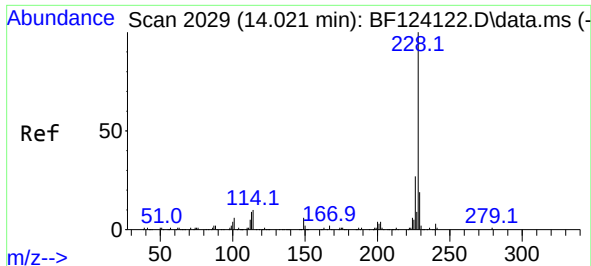
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#79
Terphenyl-d14
Concen: 30.328 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:244 Resp: 213692
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 8.6 9.7 14.5#





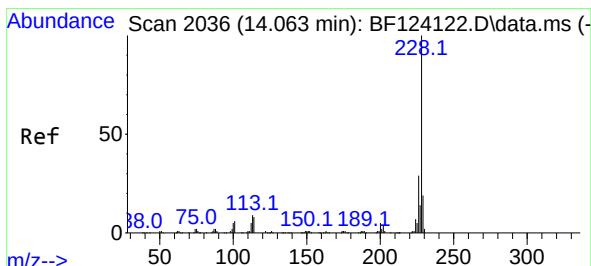
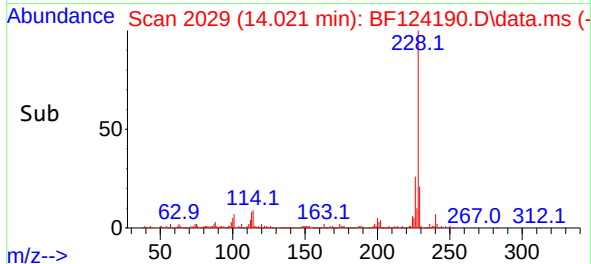
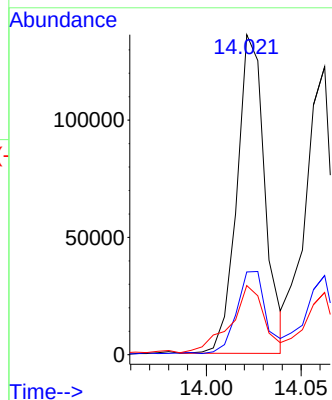
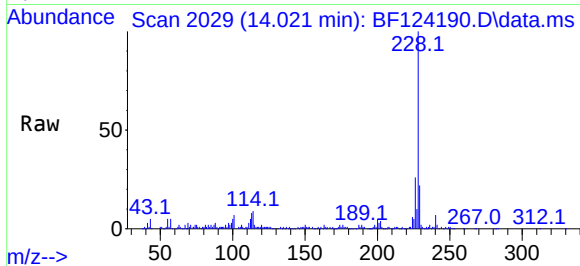
#81
Benzo(a)anthracene
Concen: 19.859 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:228 Resp: 139957
Ion Ratio Lower Upper
228 100
226 25.8 22.4 33.6
229 21.6 16.0 24.0

Instrument :
BNA_F
ClientSampled :
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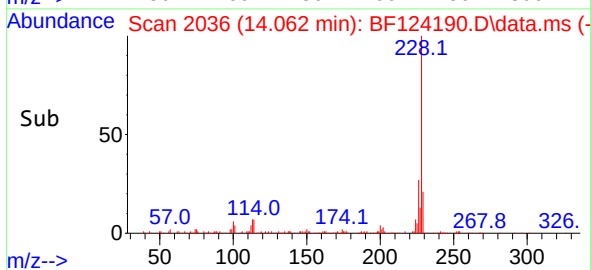
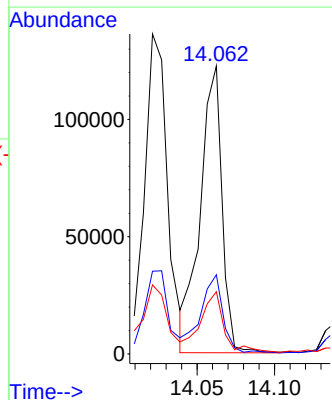
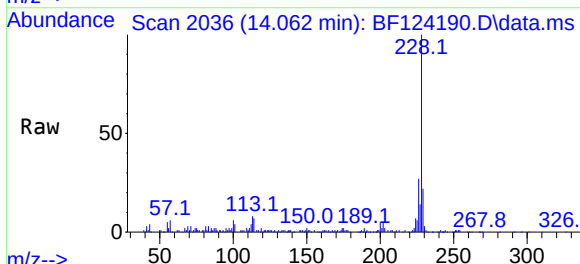
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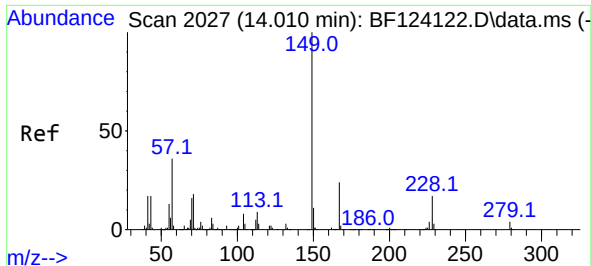
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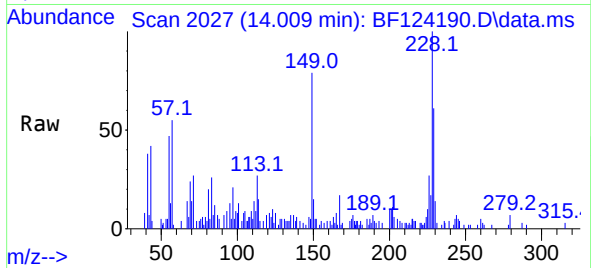
#83
Chrysene
Concen: 17.634 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:228 Resp: 119903
Ion Ratio Lower Upper
228 100
226 27.5 24.3 36.5
229 21.6 16.2 24.2

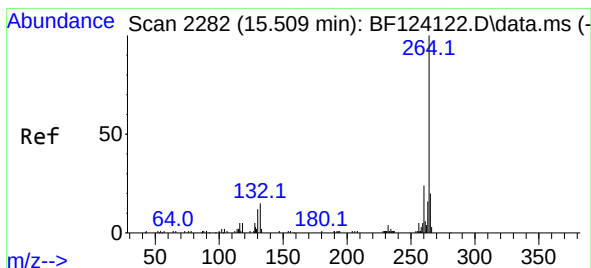
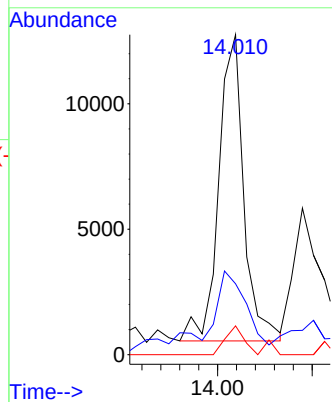
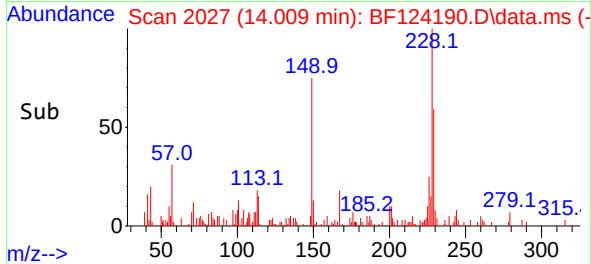




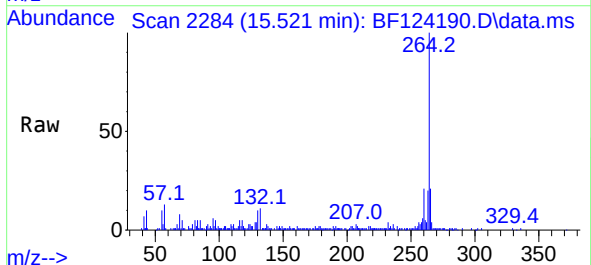
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.514 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



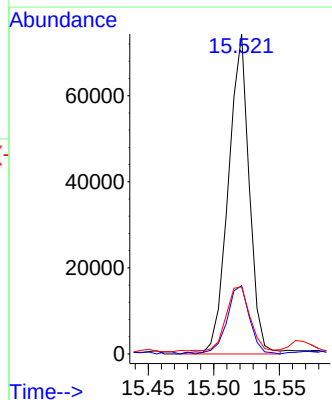
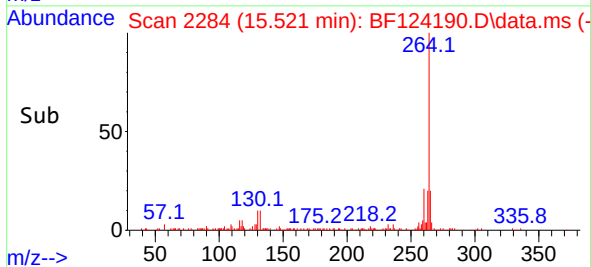
Tgt Ion:149 Resp: 11271
Ion Ratio Lower Upper
149 100
167 22.2 21.8 32.6
279 9.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



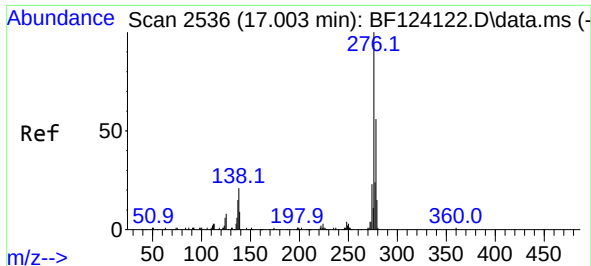
Tgt Ion:264 Resp: 82198
Ion Ratio Lower Upper
264 100
260 21.4 18.7 28.1
265 20.9 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
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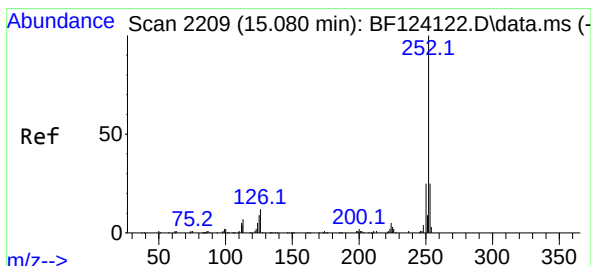
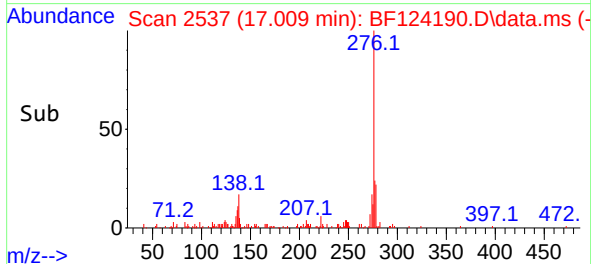
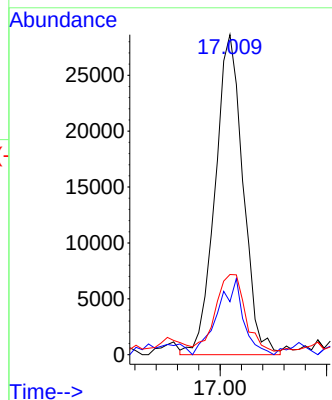
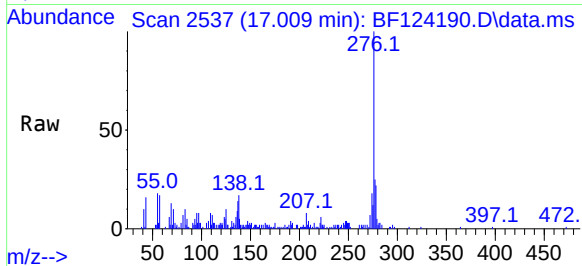
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 11.267 ng
 RT: 17.009 min Scan# 2537
 Delta R.T. 0.006 min
 Lab File: BF124190.D
 Acq: 8 Jun 2021 20:44

Tgt Ion:	276	Resp:	52131
Ion Ratio	Lower	Upper	
276	100		
138	21.8	16.2	24.2
277	25.1	20.1	30.1

Instrument :
 BNA_F
 ClientSampleId :
 18-B9(4-6)RE

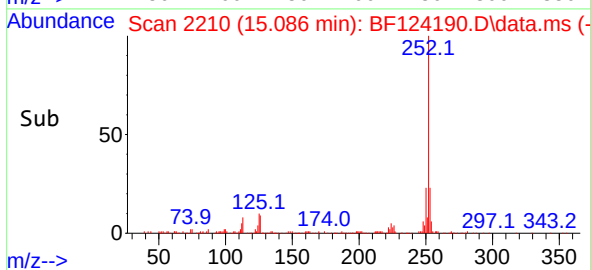
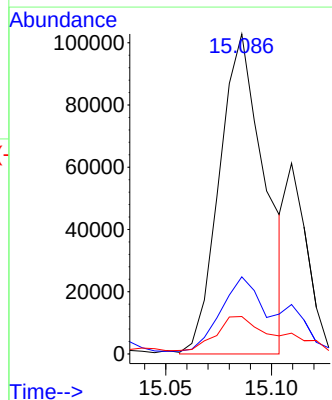
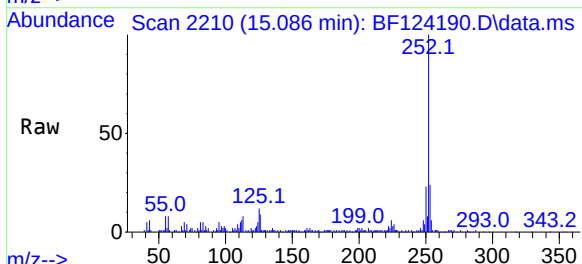
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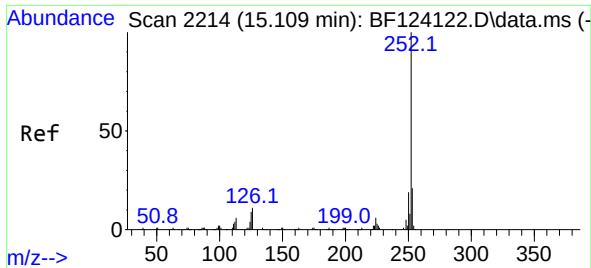
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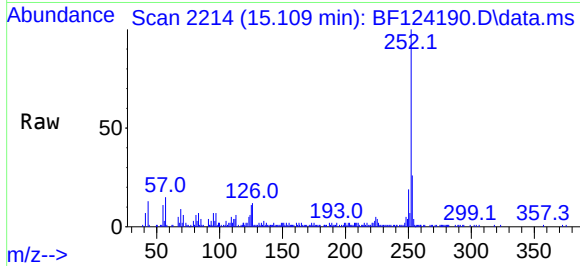
#88
 Benzo(b)fluoranthene
 Concen: 23.934 ng m
 RT: 15.086 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: BF124190.D
 Acq: 8 Jun 2021 20:44

Tgt Ion:	252	Resp:	152821
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.1	27.1
125	11.7	6.2	9.4#

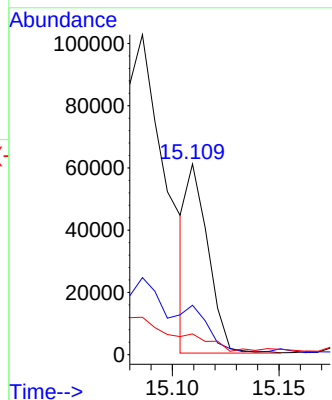
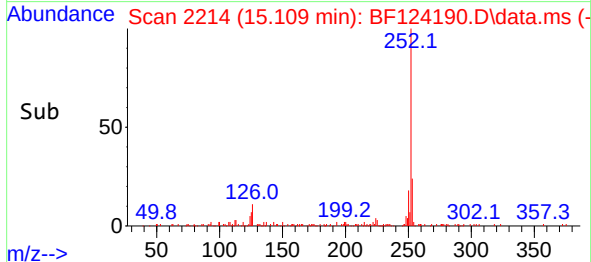




#89
Benzo(k)fluoranthene
Concen: 6.913 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



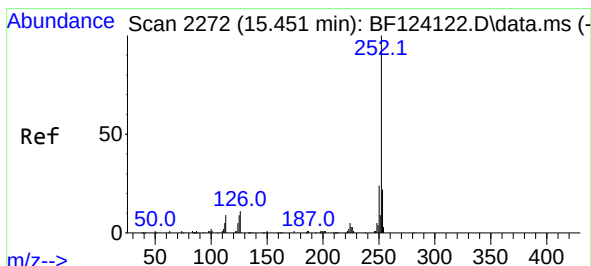
Tgt Ion:252 Resp: 41788
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 10.9 7.0 10.6#



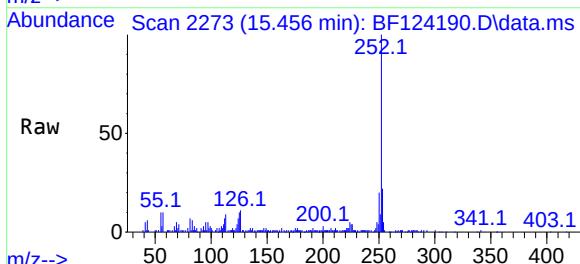
Instrument :
BNA_F
ClientSampleId :
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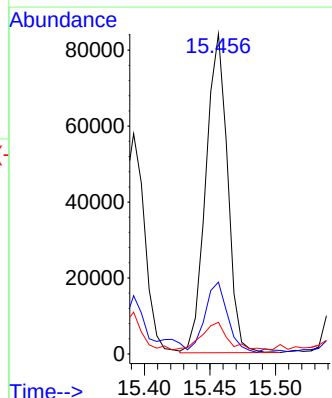
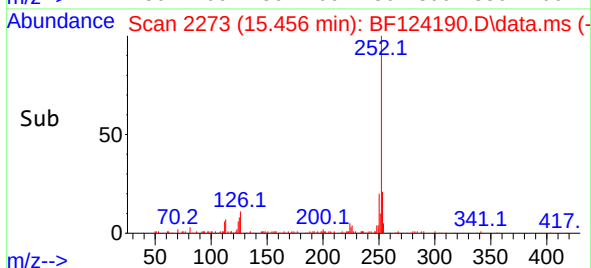
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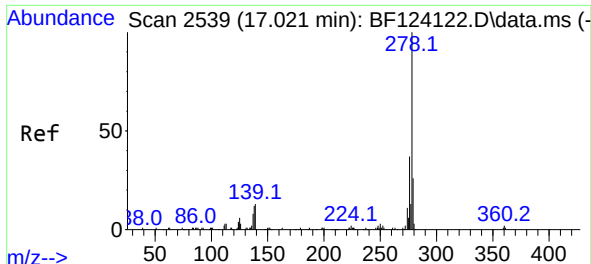


#90
Benzo(a)pyrene
Concen: 17.440 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44



Tgt Ion:252 Resp: 96723
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 9.9 8.0 12.0





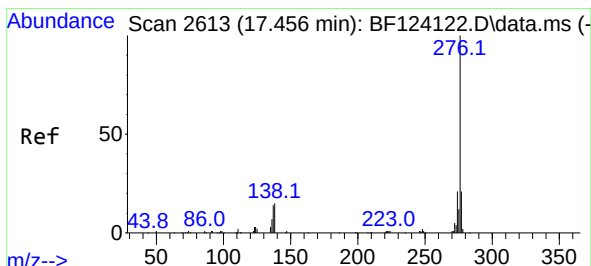
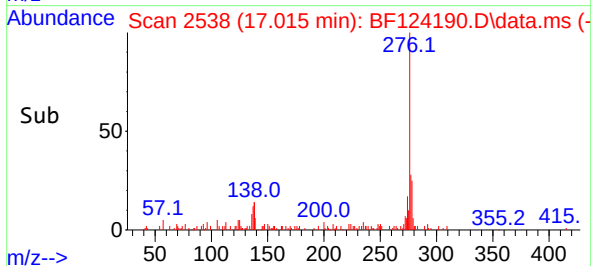
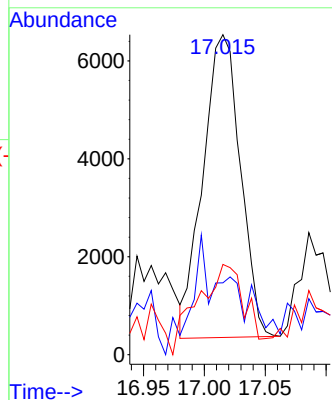
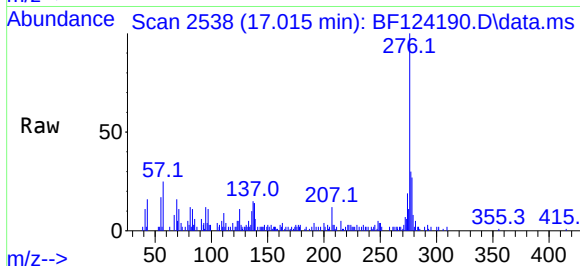
#91
Dibenzo(a,h)anthracene
Concen: 6.239 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:278 Resp: 13197
Ion Ratio Lower Upper
278 100
139 22.4 10.2 15.2#
279 28.2 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 11.321 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF124190.D
Acq: 8 Jun 2021 20:44

Tgt Ion:276 Resp: 47021
Ion Ratio Lower Upper
276 100
277 26.6 18.2 27.2
138 17.2 13.8 20.6

