

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123156.D
 Acq On : 8 Feb 2021 21:59
 Operator : JU/CG
 Sample : M1332-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-020521

Manual Integrations
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Quant Time: Feb 09 00:33:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	202540	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	779410	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	414988	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	740883	20.00	ng	0.00
76) Chrysene-d12	14.080	240	526178	20.00	ng	0.00
86) Perylene-d12	15.568	264	471328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1137124	86.60	ng	0.00
7) Phenol-d6	6.516	99	1427444	80.20	ng	0.00
23) Nitrobenzene-d5	7.451	82	912018	58.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	378497	84.02	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1698905	60.86	ng	0.00
79) Terphenyl-d14	13.021	244	1742111	65.05	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.881	122	17314	6.54	ng	97
50) Dimethylphthalate	9.645	163	82924	2.55	ng	100
52) Acenaphthene	9.969	154	107683	4.02	ng	98
58) Fluorene	10.486	166	90234	2.90	ng	99
71) Phenanthrene	11.451	178	480992	10.45	ng	97
72) Anthracene	11.504	178	161170	3.65	ng	98
75) Fluoranthene	12.645	202	798211	17.36	ng	98
78) Pyrene	12.874	202	586755	14.77	ng	99
81) Benzo(a)anthracene	14.068	228	273912	7.69	ng	99
83) Chrysene	14.104	228	239998	6.73	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	108771	3.47	ng	97
88) Benzo(b)fluoranthene	15.133	252	288787m	8.49	ng	
89) Benzo(k)fluoranthene	15.157	252	78968m	2.50	ng	
90) Benzo(a)pyrene	15.504	252	188892	6.32	ng	99
92) Benzo(g,h,i)perylene	17.521	276	105799	4.23	ng	99

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

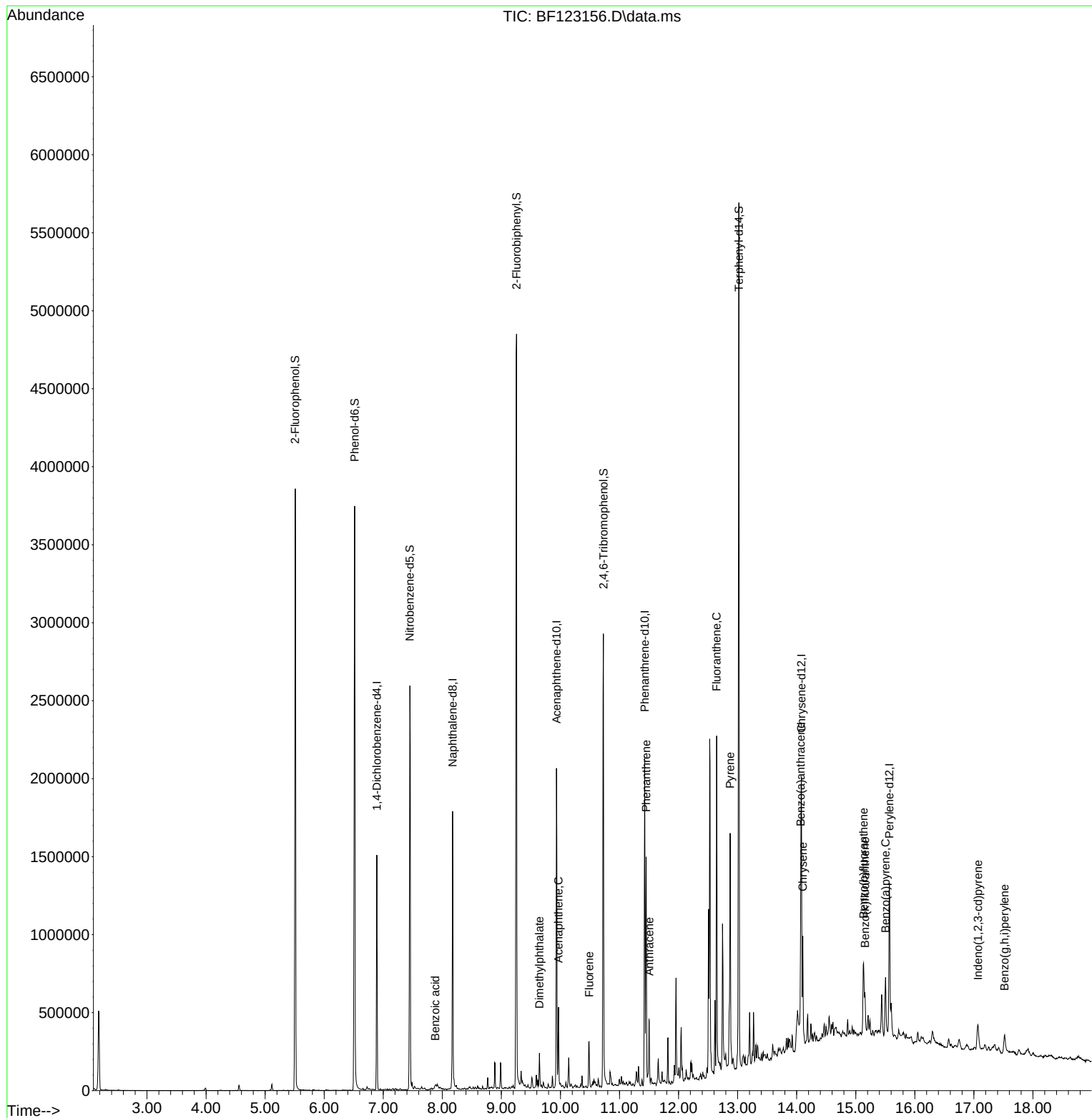
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123156.D
Acq On : 8 Feb 2021 21:59
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

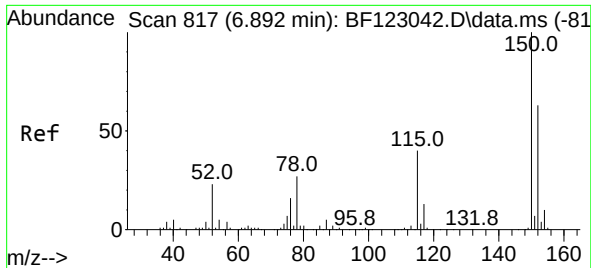
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Quant Time: Feb 09 00:33:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
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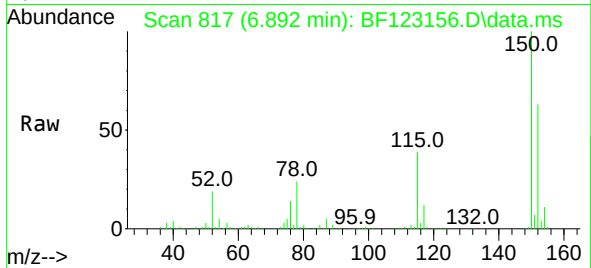
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123156.D
 Acq: 8 Feb 2021 21:59

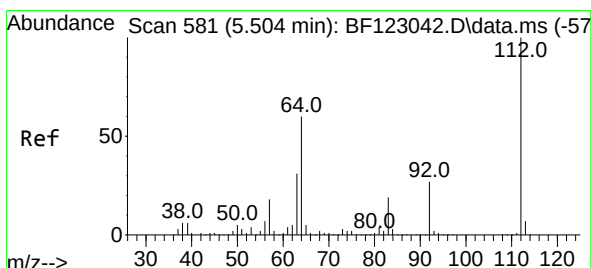
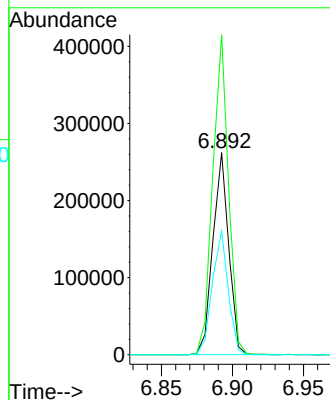
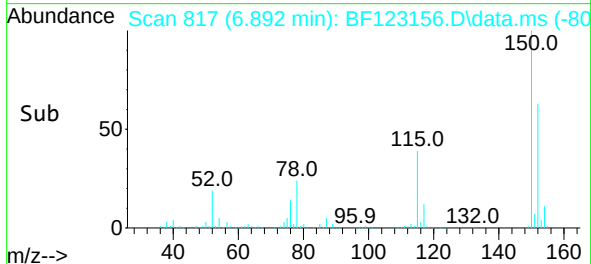
Instrument :
 BNA_F
 ClientSampled :
 TR-05-020521



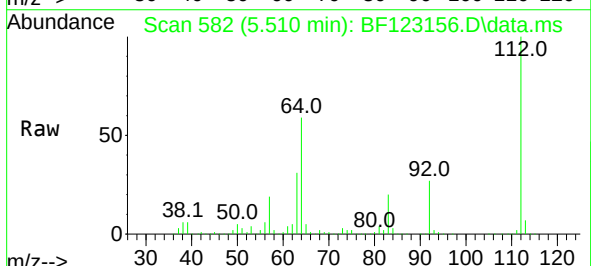
Tgt Ion:152 Resp: 202540
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.8 188.6
 115 61.2 49.3 73.9

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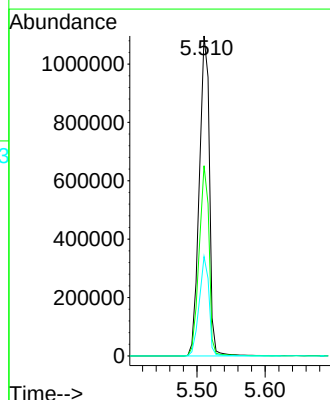
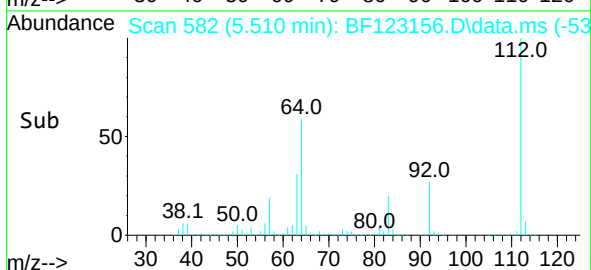
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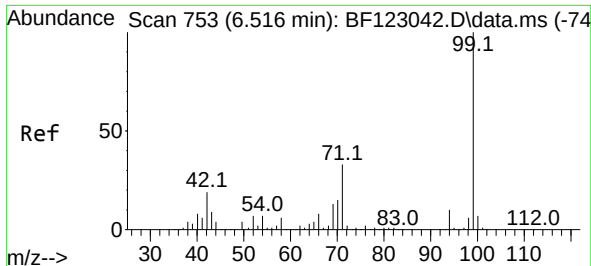


#5
 2-Fluorophenol
 Concen: 86.60 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123156.D
 Acq: 8 Feb 2021 21:59

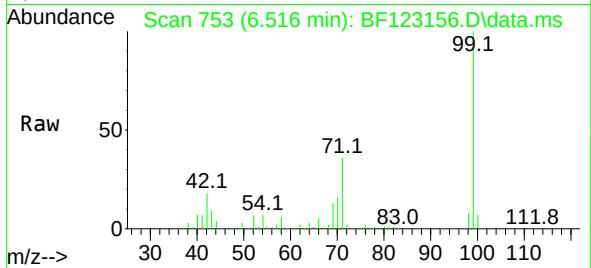


Tgt Ion:112 Resp: 1137124
 Ion Ratio Lower Upper
 112 100
 64 59.5 46.9 70.3
 63 31.1 24.5 36.7



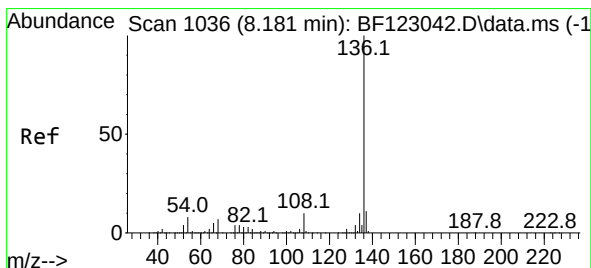
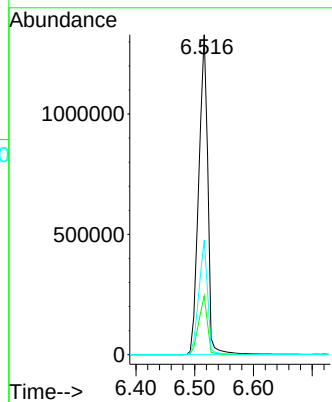
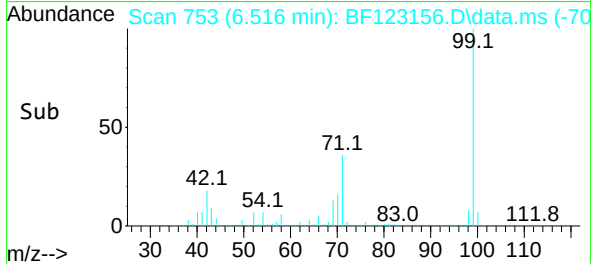


#7
Phenol-d6
Concen: 80.20 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

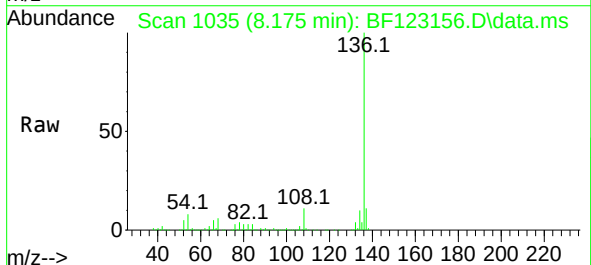


Tgt Ion: 99 Resp: 1427444

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	35.7	26.9	40.3

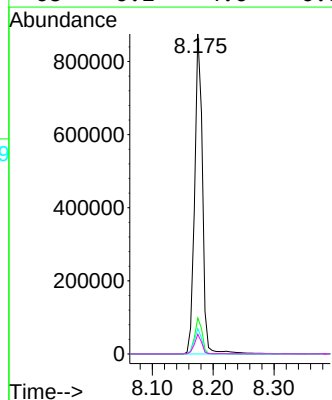
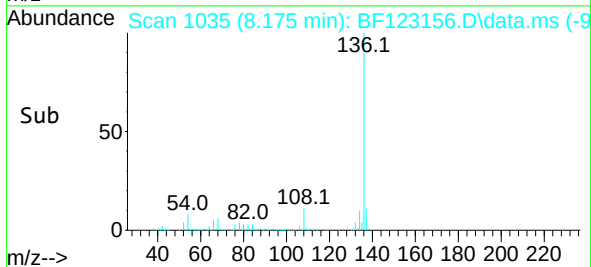


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59



Tgt Ion: 136 Resp: 779410

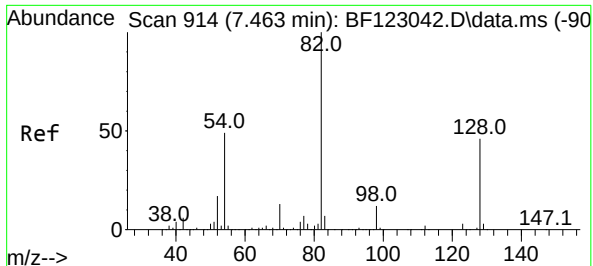
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.9	5.5	8.3
68	6.2	4.6	6.8



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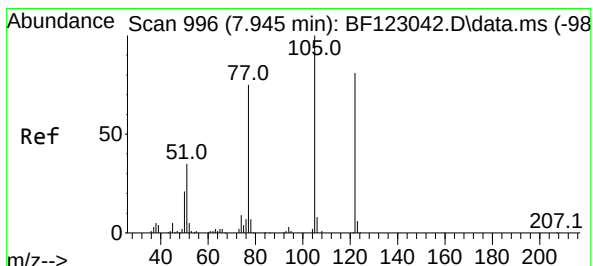
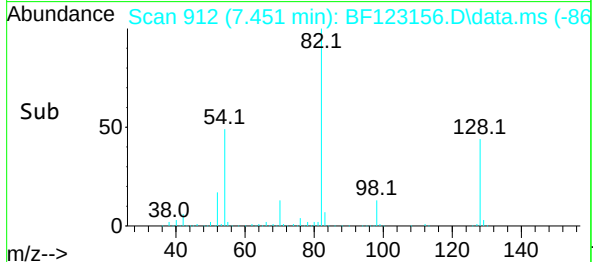
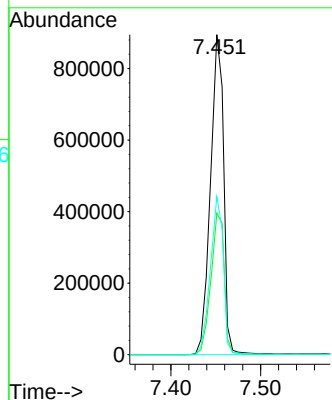
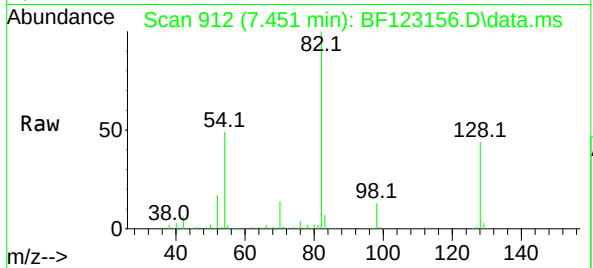
#23
Nitrobenzene-d5
Concen: 58.89 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion: 82 Resp: 912018
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.4
54 49.4 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
TR-05-020521

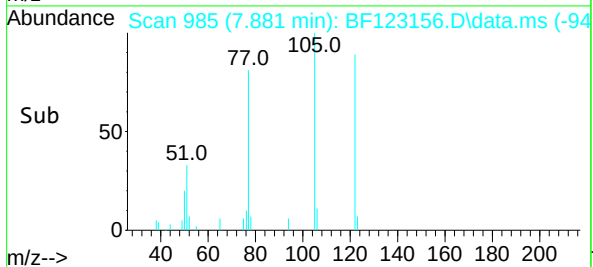
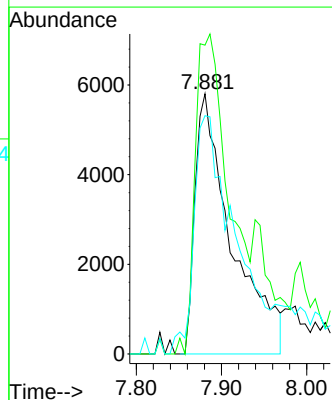
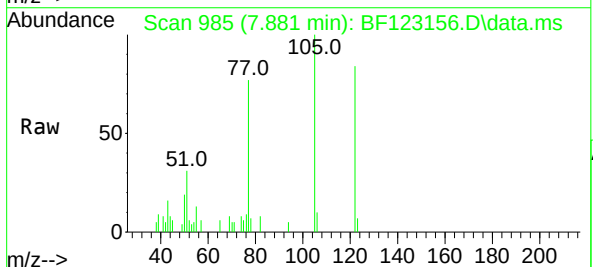
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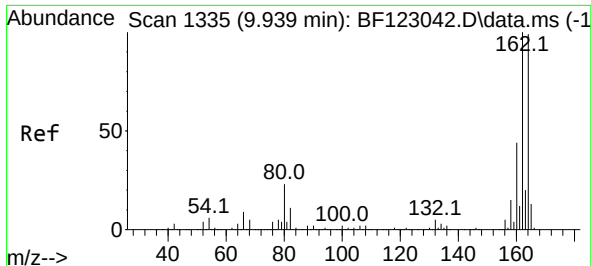
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#32
Benzoic acid
Concen: 6.54 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.064 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion: 122 Resp: 17314
Ion Ratio Lower Upper
122 100
105 118.7 104.8 144.8
77 91.6 71.0 111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF123156.D

Acq: 8 Feb 2021 21:59

Tgt Ion:164 Resp: 414988

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 45.6 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

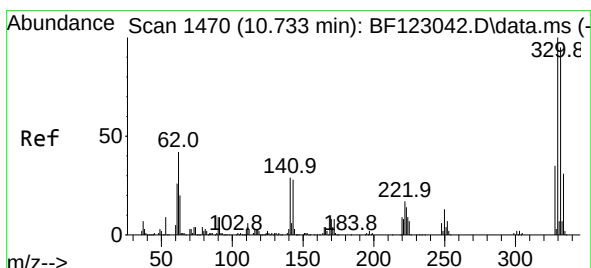
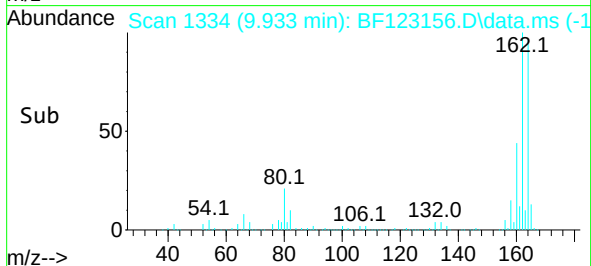
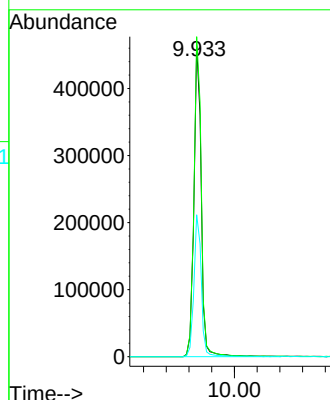
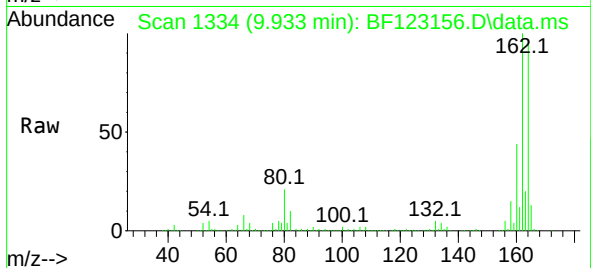
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#42

2,4,6-Tribromophenol

Concen: 84.02 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123156.D

Acq: 8 Feb 2021 21:59

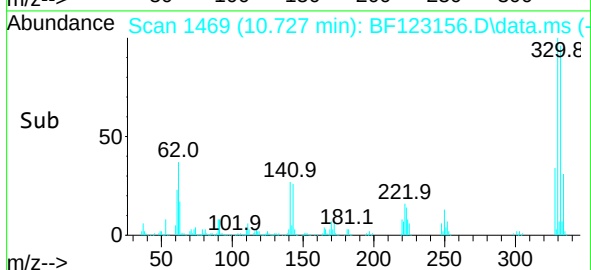
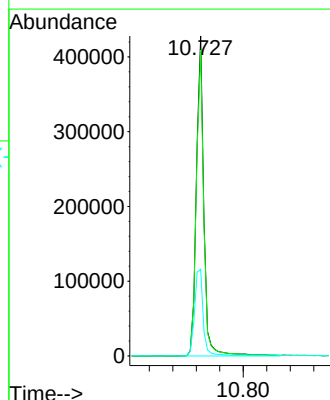
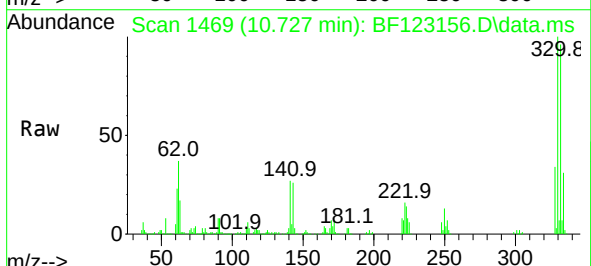
Tgt Ion:330 Resp: 378497

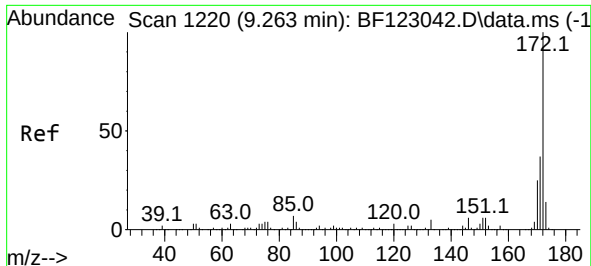
Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

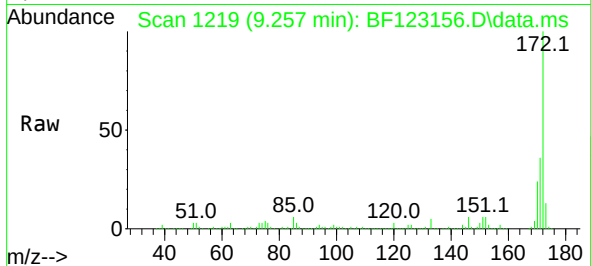
141 31.4 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 60.86 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

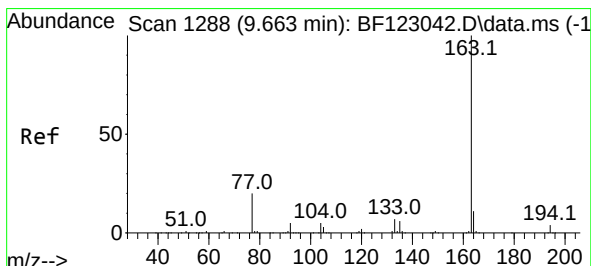
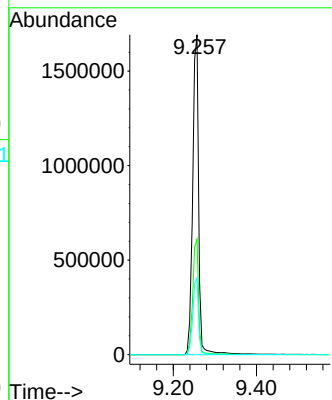
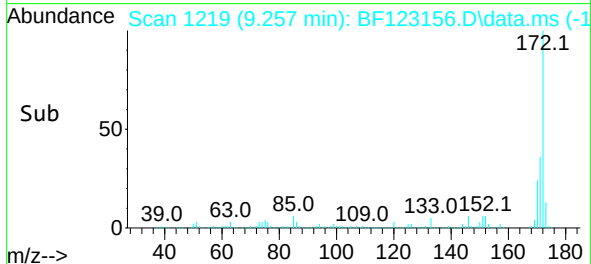
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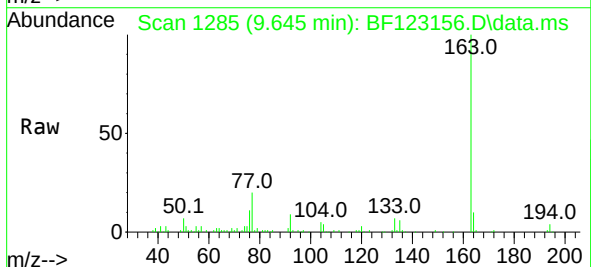
Tgt Ion:172 Resp: 1698905
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.5 29.3

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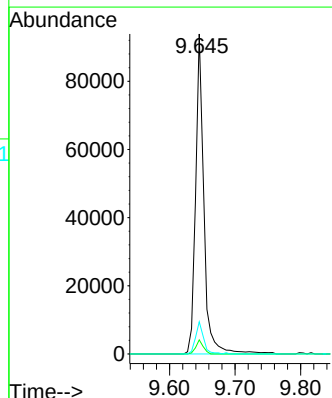
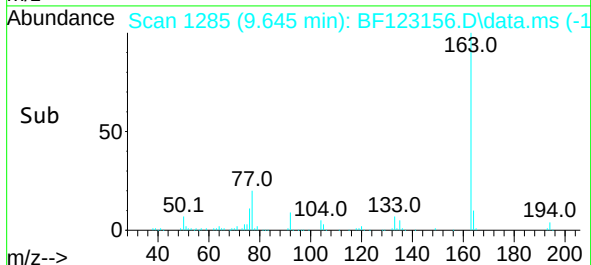
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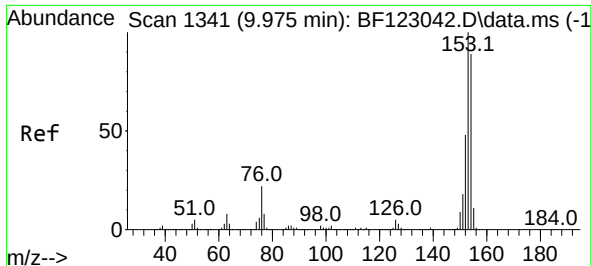


#50
Dimethylphthalate
Concen: 2.55 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59



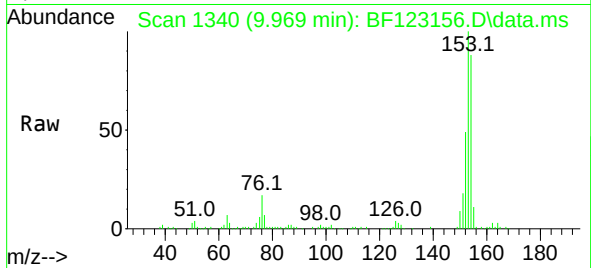
Tgt Ion:163 Resp: 82924
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.1 12.1





#52
Acenaphthene
Concen: 4.02 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

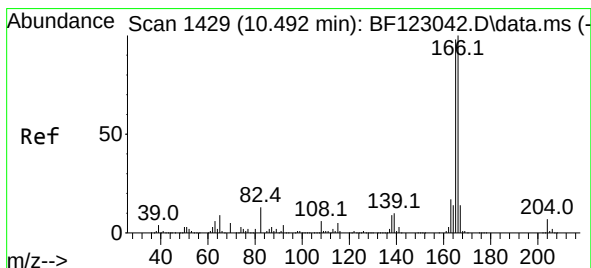
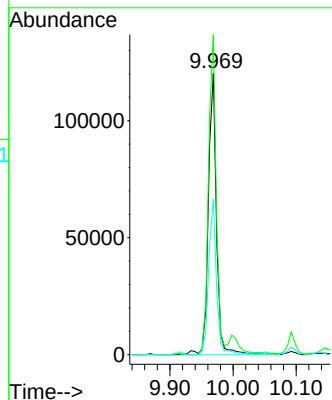
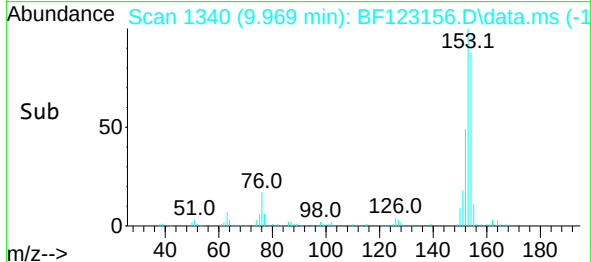
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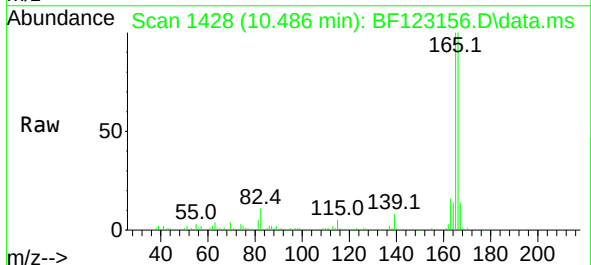
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Ion Ratio Lower Upper
154 100
153 113.8 89.0 133.6
152 55.3 42.7 64.1

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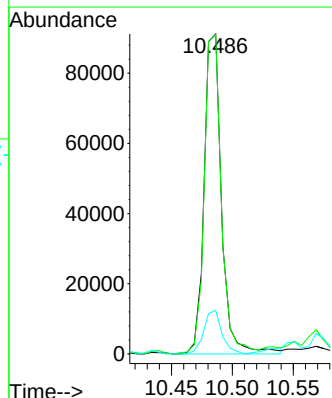
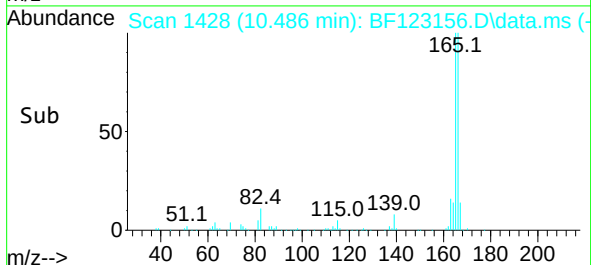
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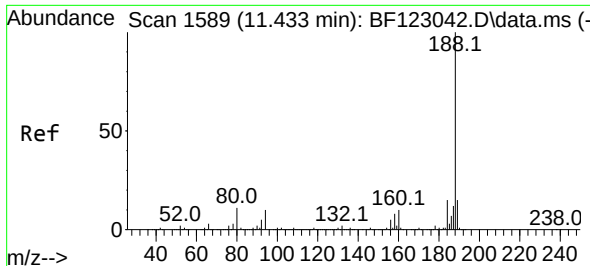


#58
Fluorene
Concen: 2.90 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59



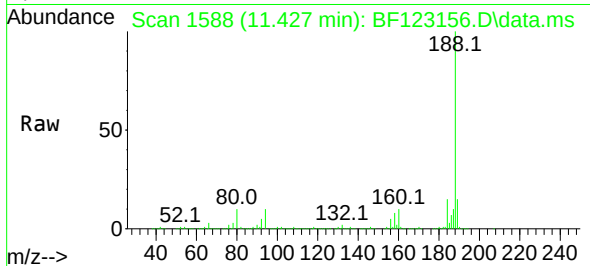
Tgt Ion:166 Resp: 90234
Ion Ratio Lower Upper
166 100
165 99.8 79.4 119.0
167 13.6 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

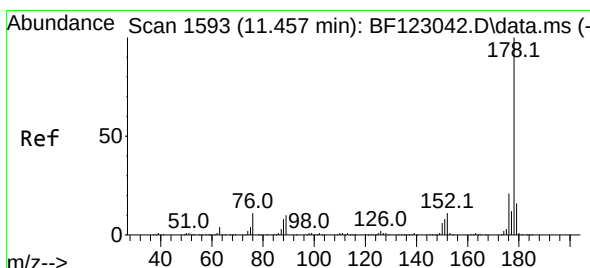
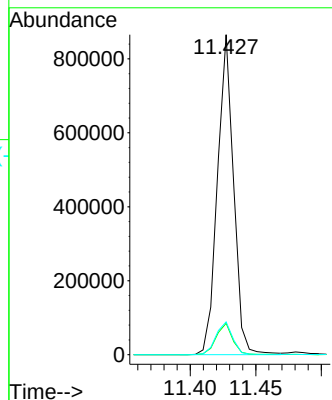
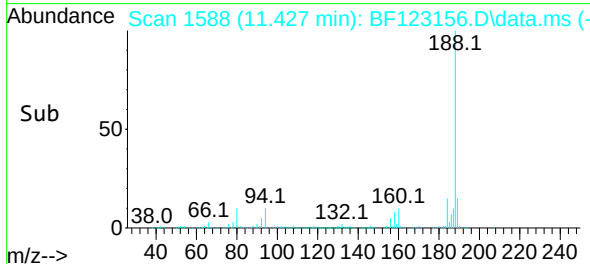
Instrument :
BNA_F
ClientSampleId :
TR-05-020521



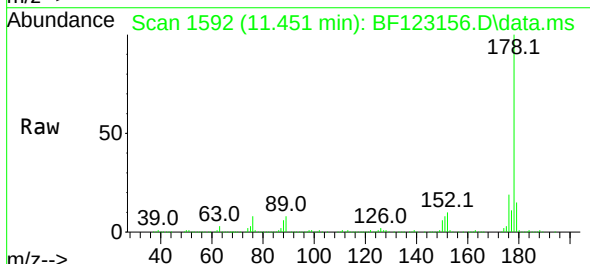
Tgt Ion:188 Resp: 740883
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.3 8.2 12.4

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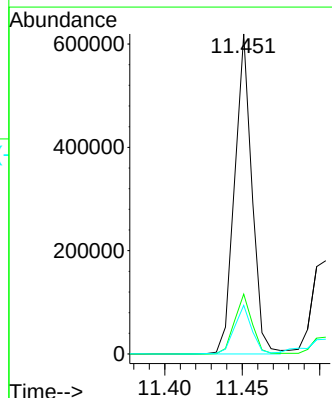
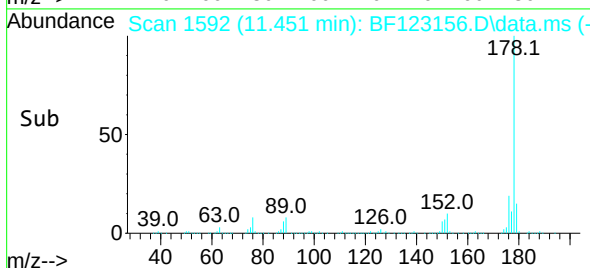
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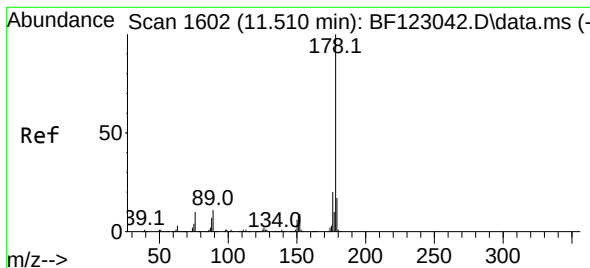


#71
Phenanthrene
Concen: 10.45 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

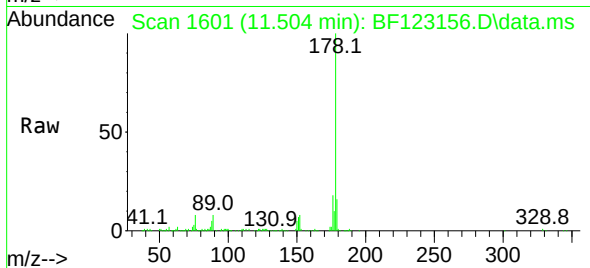


Tgt Ion:178 Resp: 480992
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.2
179 15.2 12.7 19.1

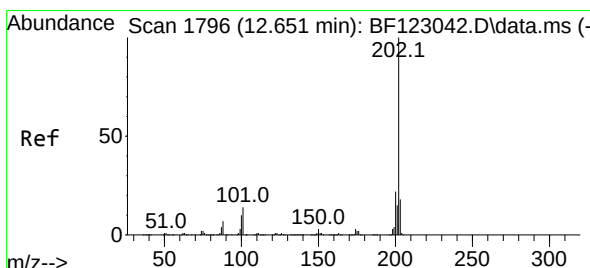
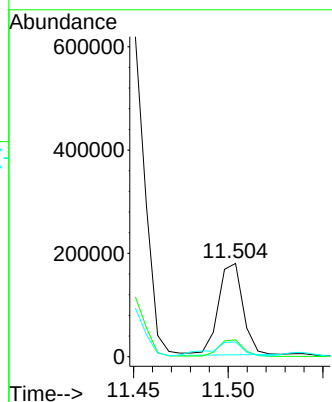
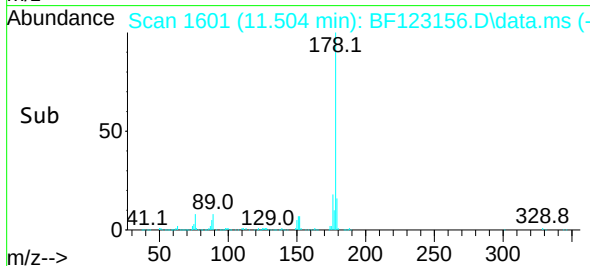




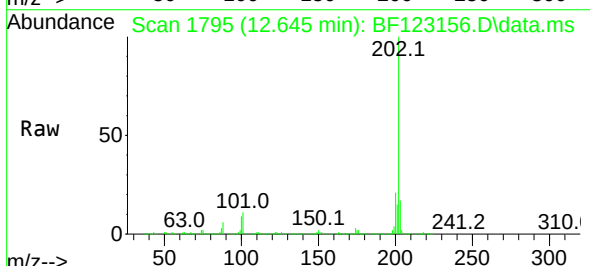
#72
 Anthracene
 Concen: 3.65 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. -0.006 min
 Lab File: BF123156.D
 Acq: 8 Feb 2021 21:59



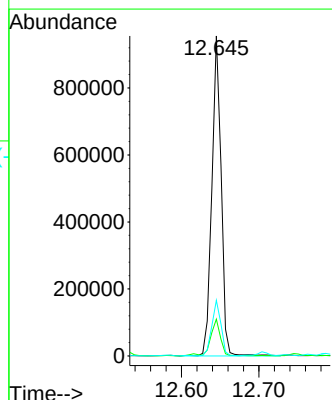
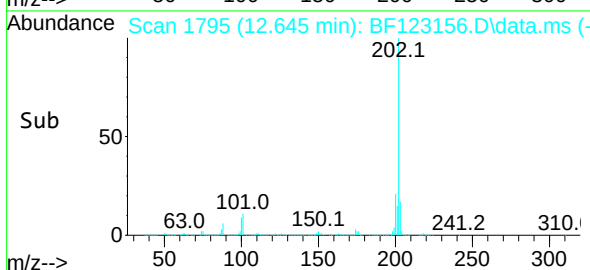
Tgt Ion:178 Resp: 161170
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.6 23.4
 179 15.7 12.8 19.2



#75
 Fluoranthene
 Concen: 17.36 ng
 RT: 12.645 min Scan# 1795
 Delta R.T. -0.006 min
 Lab File: BF123156.D
 Acq: 8 Feb 2021 21:59



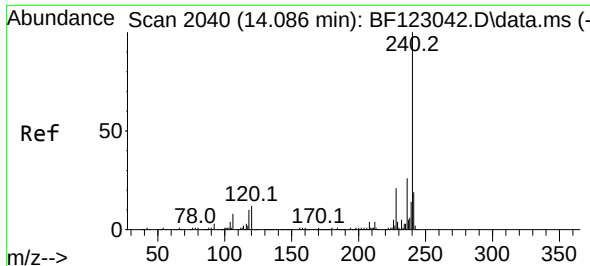
Tgt Ion:202 Resp: 798211
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 32.2
 203 17.4 0.0 38.1



Instrument :
 BNA_F
 ClientSampleId :
 TR-05-020521

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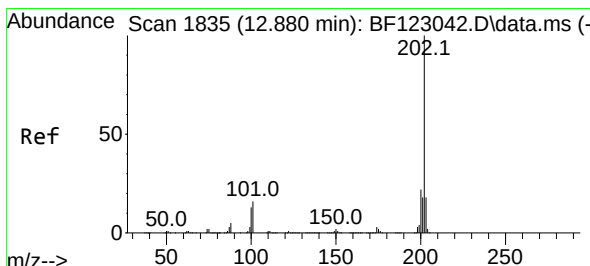
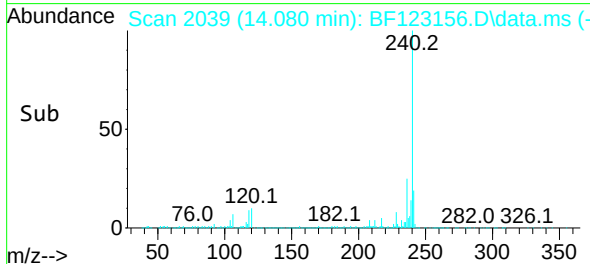
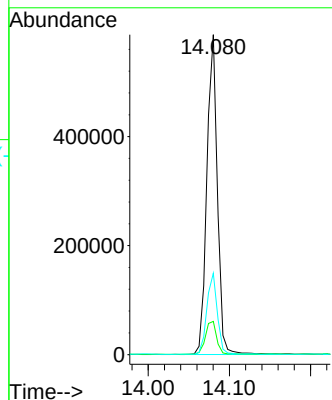
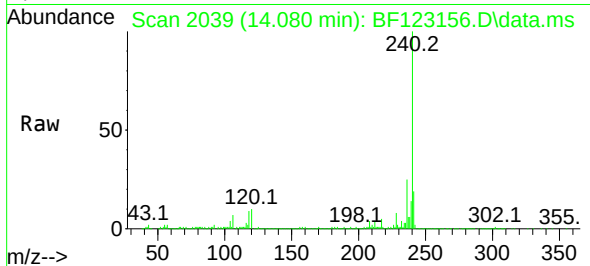
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:240 Resp: 526178
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.5 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
TR-05-020521

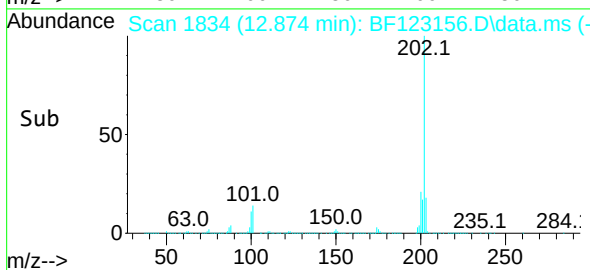
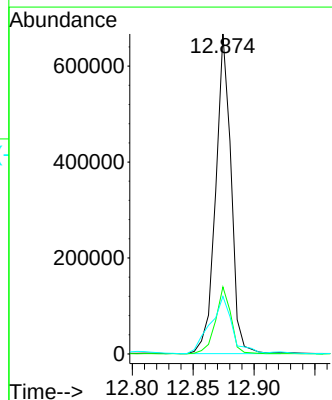
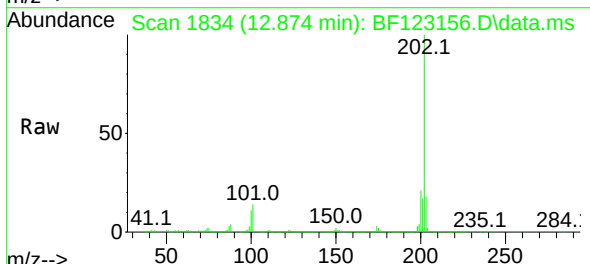
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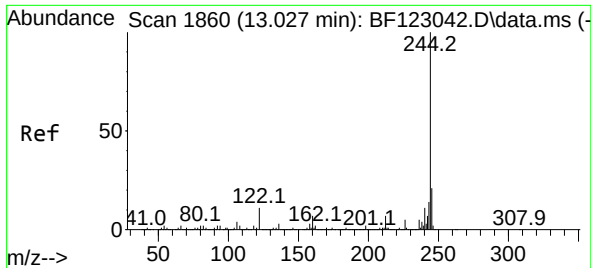
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#78
Pyrene
Concen: 14.77 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:202 Resp: 586755
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.0 14.6 21.8





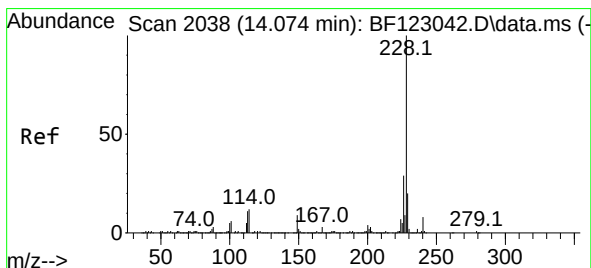
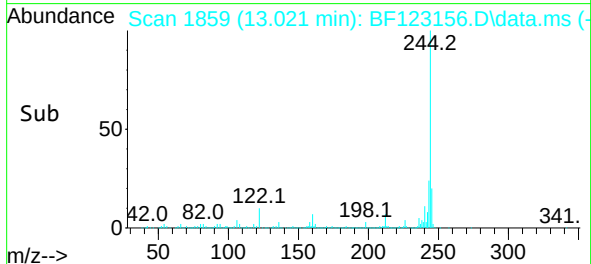
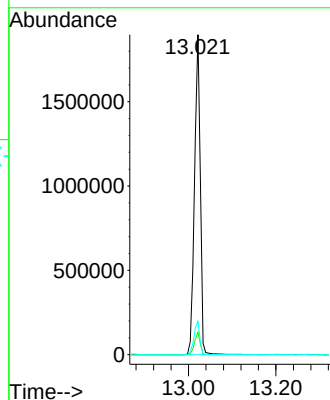
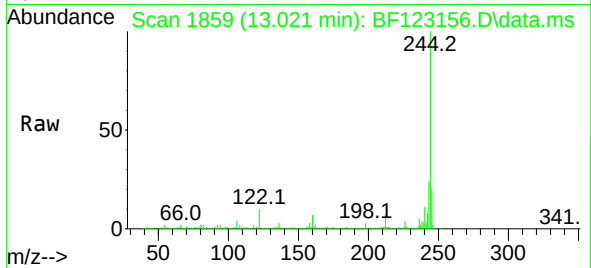
#79
Terphenyl-d14
Concen: 65.05 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:244 Resp: 1742111
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 8.3 12.5

Instrument :
BNA_F
ClientSampleId :
TR-05-020521

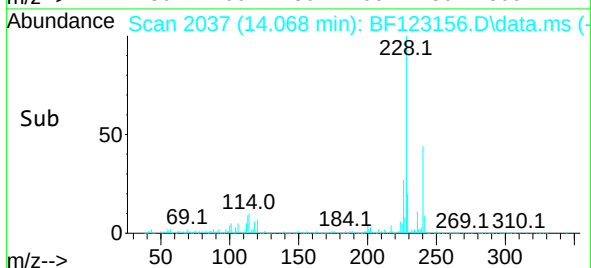
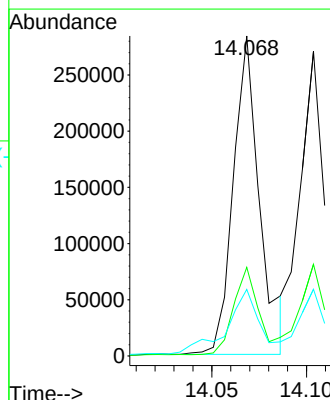
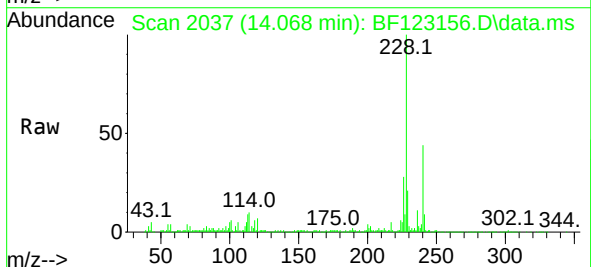
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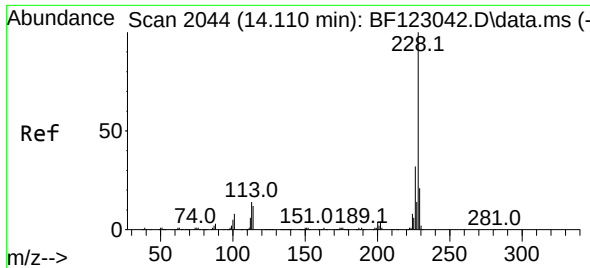
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#81
Benzo(a)anthracene
Concen: 7.69 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:228 Resp: 273912
Ion Ratio Lower Upper
228 100
226 27.7 23.0 34.4
229 20.8 16.6 24.8





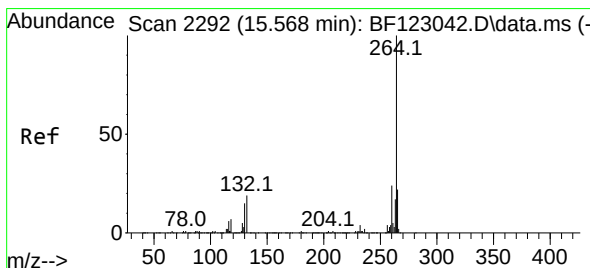
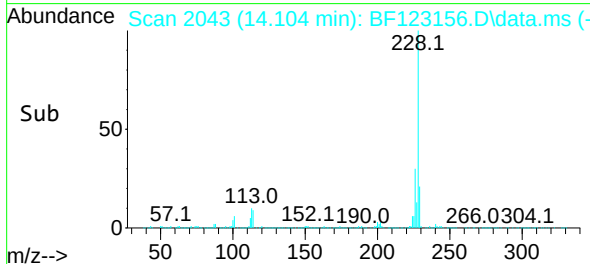
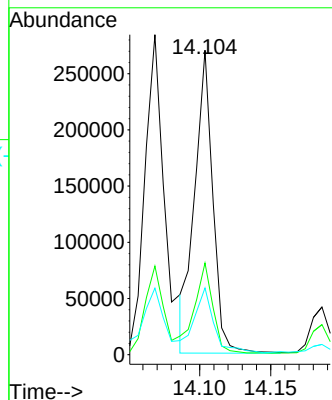
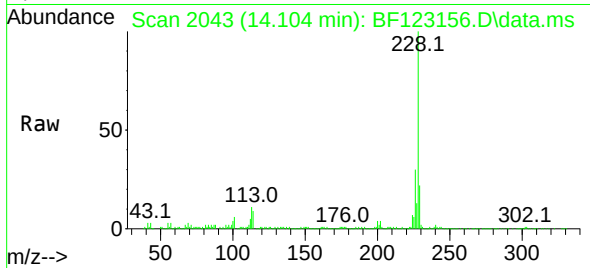
#83
Chrysene
Concen: 6.73 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:228 Resp: 239998
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 21.9 15.8 23.6

Instrument :
BNA_F
ClientSampleId :
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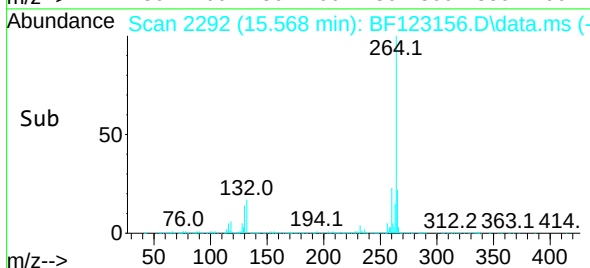
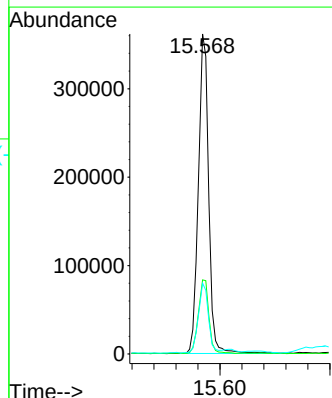
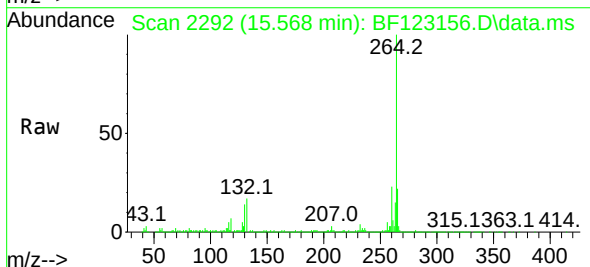
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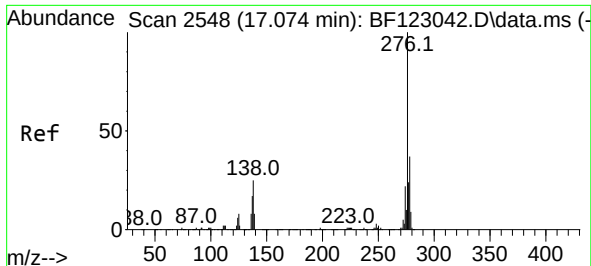
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion:264 Resp: 471328
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.1 17.0 25.6





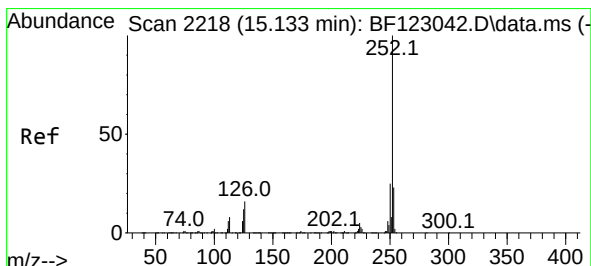
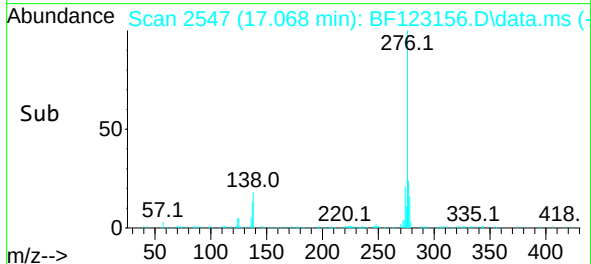
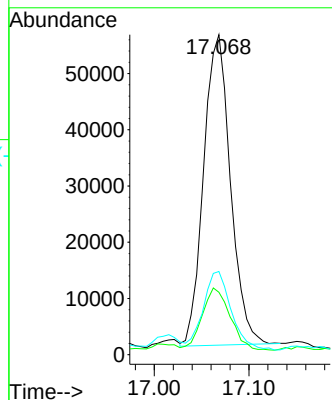
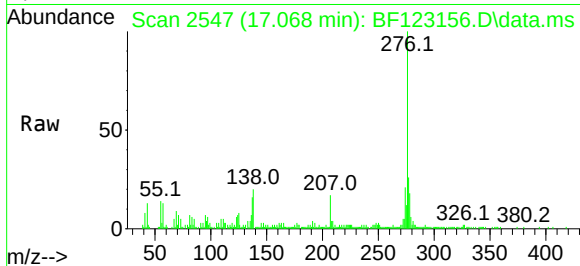
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.47 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion: 276 Resp: 108771
Ion Ratio Lower Upper
276 100
138 21.0 18.7 28.1
277 26.3 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
TR-05-020521

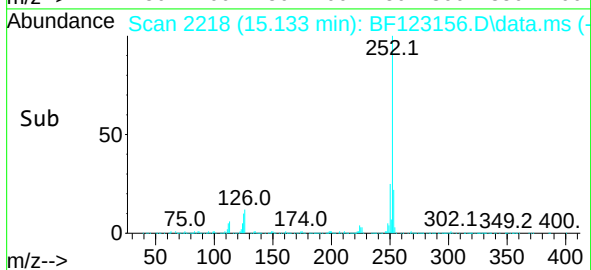
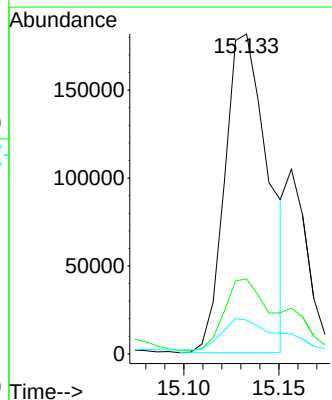
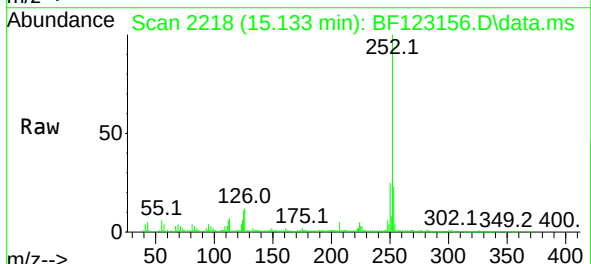
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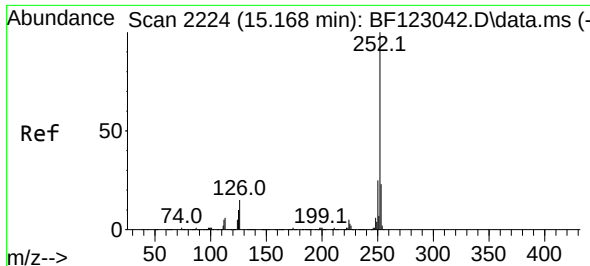
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#88
Benzo(b)fluoranthene
Concen: 8.49 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59

Tgt Ion: 252 Resp: 288787
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 2.50 ng m

RT: 15.157 min Scan# 2222

Delta R.T. -0.012 min

Lab File: BF123156.D

Acq: 8 Feb 2021 21:59

Tgt Ion:	252	Resp:	78968
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.8
125	10.7	8.4	12.6

Instrument :

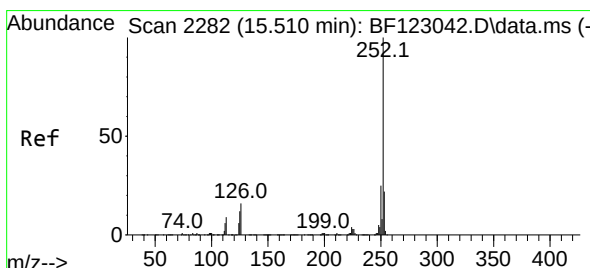
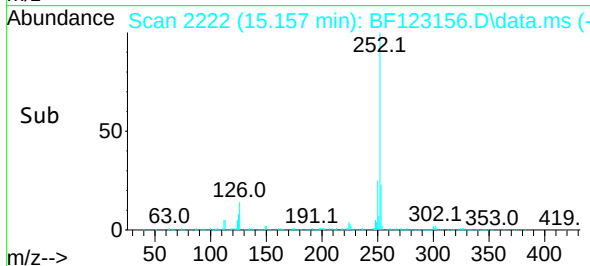
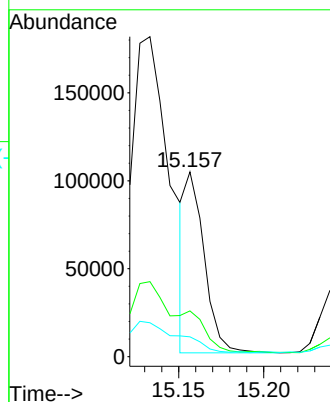
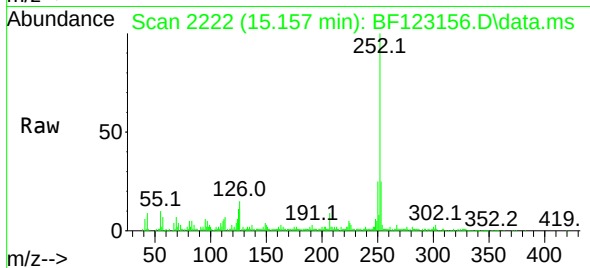
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#90

Benzo(a)pyrene

Concen: 6.32 ng

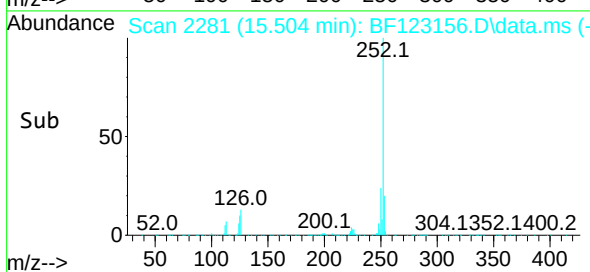
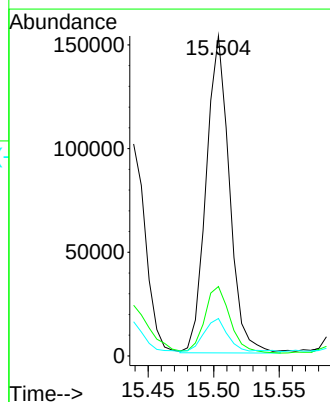
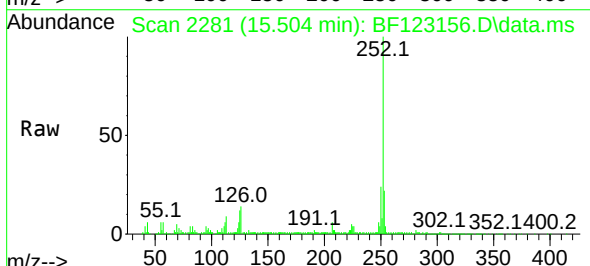
RT: 15.504 min Scan# 2281

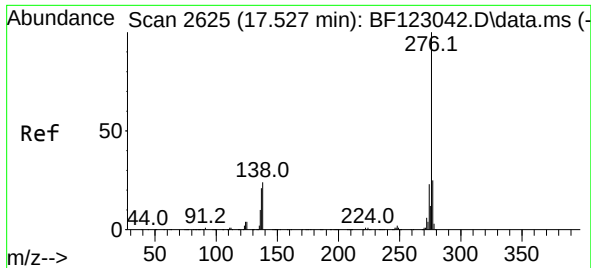
Delta R.T. -0.006 min

Lab File: BF123156.D

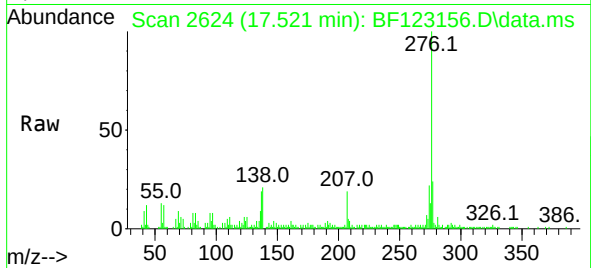
Acq: 8 Feb 2021 21:59

Tgt Ion:	252	Resp:	188892
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	11.7	8.6	12.8

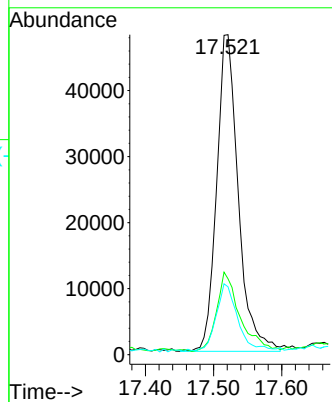
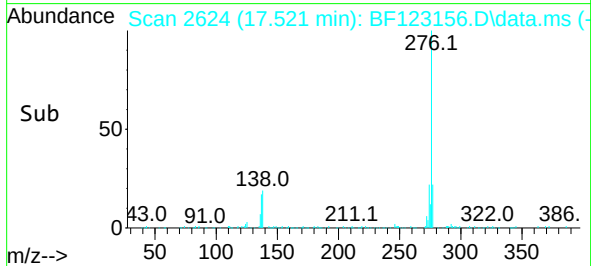




#92
Benzo(g,h,i)perylene
Concen: 4.23 ng
RT: 17.521 min Scan# 2624
Delta R.T. -0.006 min
Lab File: BF123156.D
Acq: 8 Feb 2021 21:59



Tgt Ion: 276 Resp: 105799
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 21.2 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
TR-05-020521

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