

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123178.D
 Acq On : 10 Feb 2021 19:28
 Operator : JU/CG
 Sample : M1346-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020921

Manual Integrations
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Quant Time: Feb 11 01:36:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 01:29:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	172874	20.00	ng	-0.01
21) Naphthalene-d8	8.169	136	672389	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	353085	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	596510	20.00	ng	-0.02
76) Chrysene-d12	14.062	240	436208	20.00	ng	-0.02
86) Perylene-d12	15.551	264	425122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	513658	45.83	ng	-0.01
7) Phenol-d6	6.504	99	646865	42.58	ng	-0.01
23) Nitrobenzene-d5	7.439	82	396489	29.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	114130	29.78	ng	-0.02
45) 2-Fluorobiphenyl	9.239	172	756875	31.87	ng	-0.02
79) Terphenyl-d14	13.004	244	661031	29.77	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	7.945	122	4871m	5.44	ng	
71) Phenanthrene	11.439	178	141928	3.83	ng	98
75) Fluoranthene	12.633	202	149440	4.04	ng	97
78) Pyrene	12.863	202	150591	4.57	ng	97
81) Benzo(a)anthracene	14.051	228	62960	2.13	ng	96
83) Chrysene	14.092	228	59324	2.01	ng	96
88) Benzo(b)fluoranthene	15.109	252	70422m	2.29	ng	
90) Benzo(a)pyrene	15.480	252	54115	2.01	ng	# 90
92) Benzo(g,h,i)perylene	17.492	276	45578	2.02	ng	# 93

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

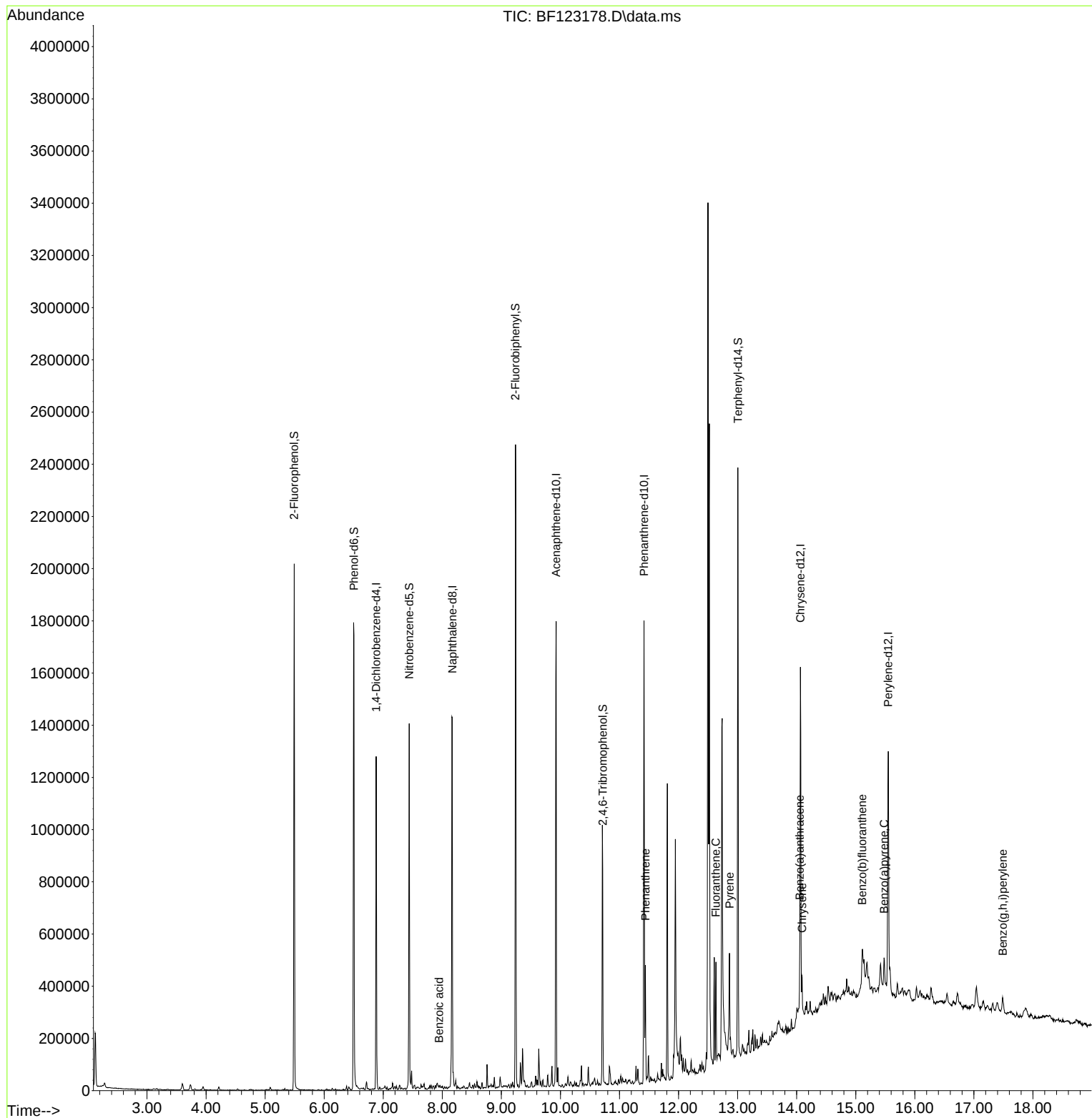
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Data File : BF123178.D
Acq On : 10 Feb 2021 19:28
Operator : JU/CG
Sample : M1346-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

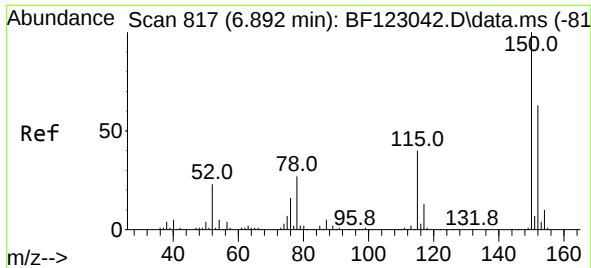
Instrument :
BNA_F
ClientSampleId :
EO-03-020921

Quant Time: Feb 11 01:36:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 01:29:27 2021
Response via : Initial Calibration

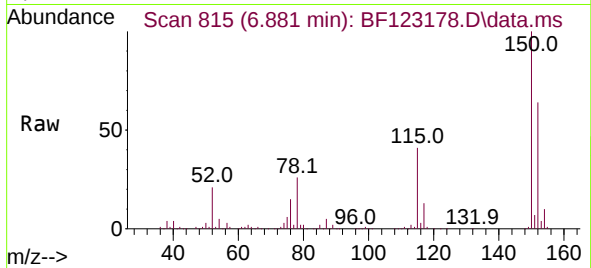
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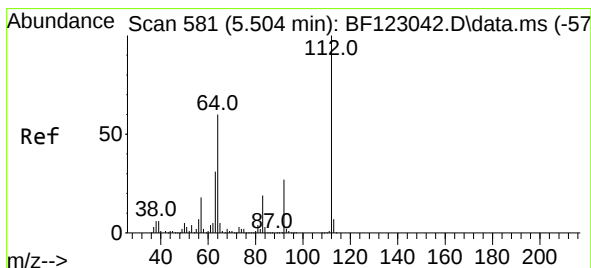
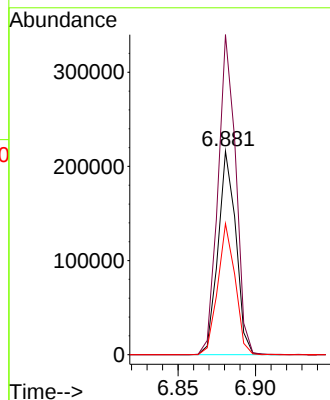
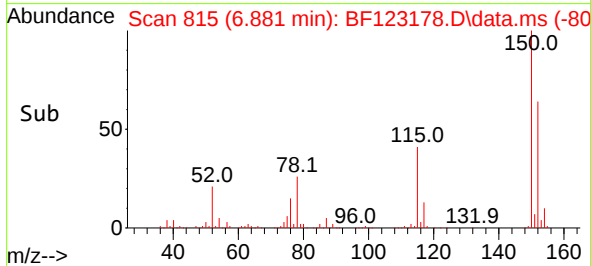




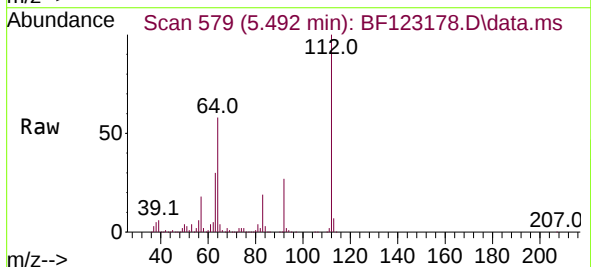
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.011 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



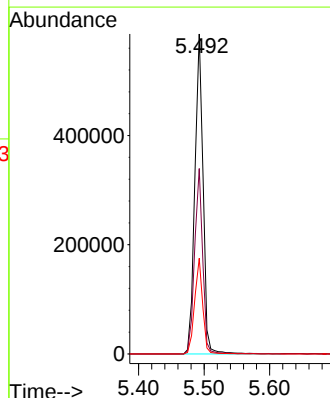
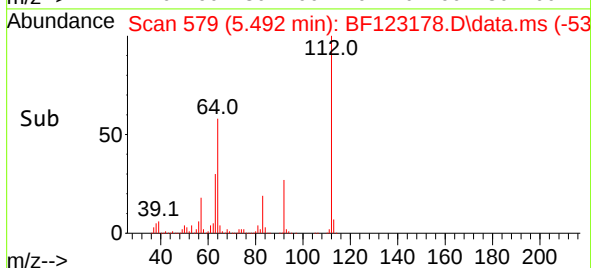
Tgt Ion:152 Resp: 172874
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 64.4 49.3 73.9



#5
2-Fluorophenol
Concen: 45.83 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.012 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



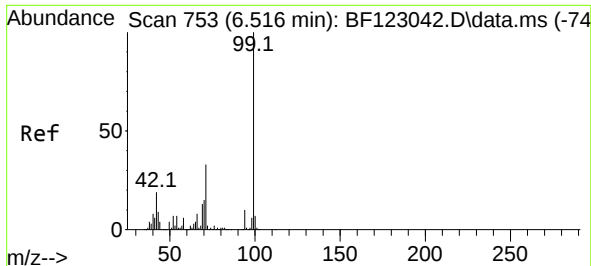
Tgt Ion:112 Resp: 513658
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 29.9 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
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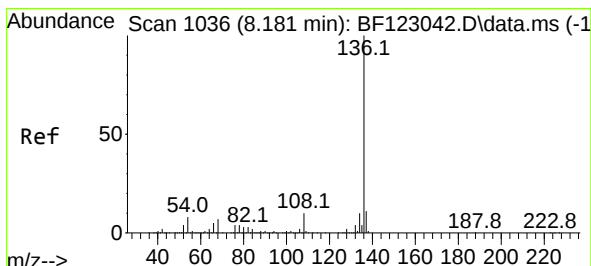
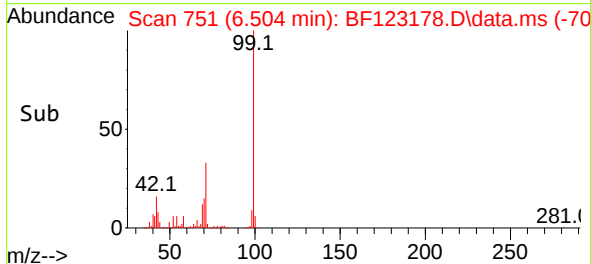
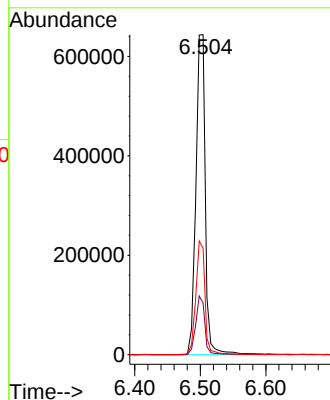
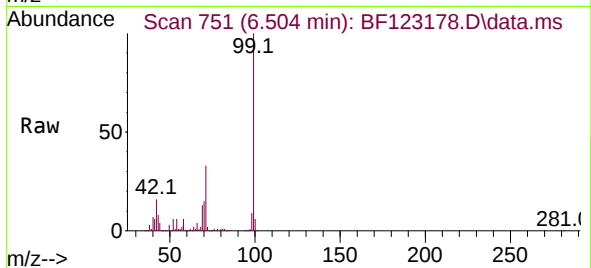
#7
Phenol-d6
Concen: 42.58 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion: 99 Resp: 646865
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 33.2 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
EO-03-020921

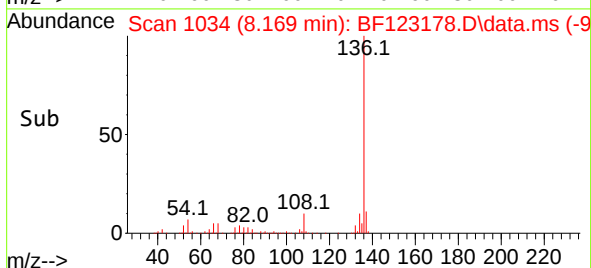
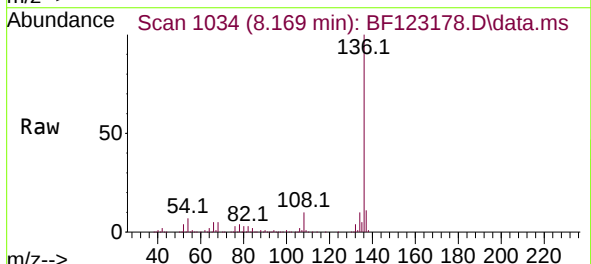
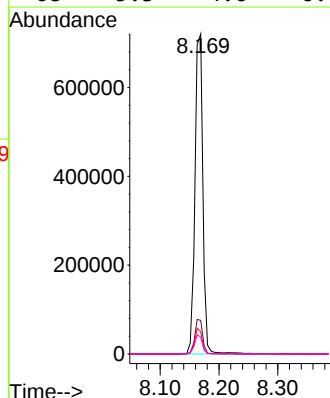
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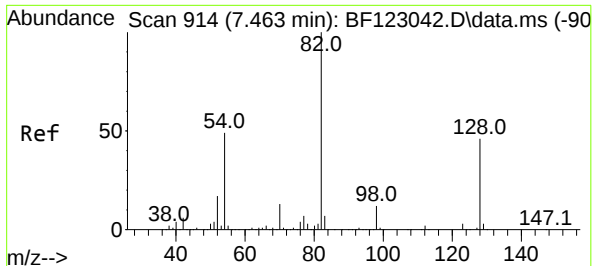
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion: 136 Resp: 672389
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.0 5.5 8.3
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 29.68 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.024 min

Lab File: BF123178.D

Acq: 10 Feb 2021 19:28

Tgt Ion: 82 Resp: 396489

Ion Ratio Lower Upper

82 100

128 44.4 37.0 55.4

54 48.8 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

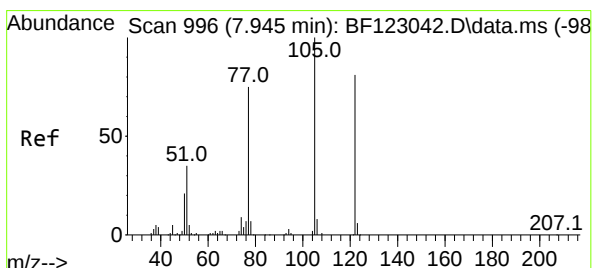
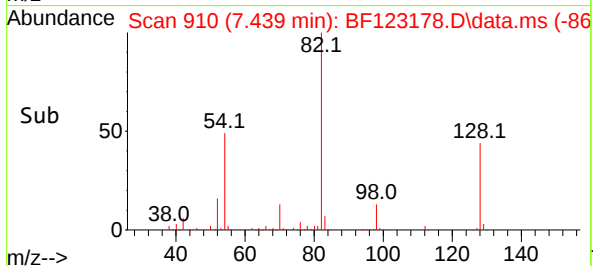
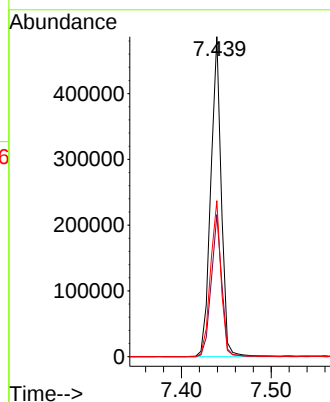
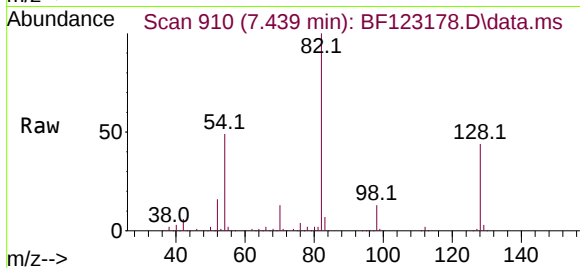
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#32

Benzoic acid

Concen: 5.44 ng m

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF123178.D

Acq: 10 Feb 2021 19:28

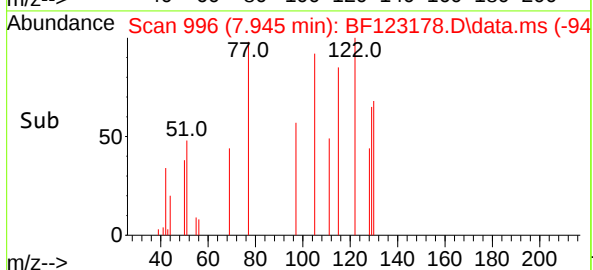
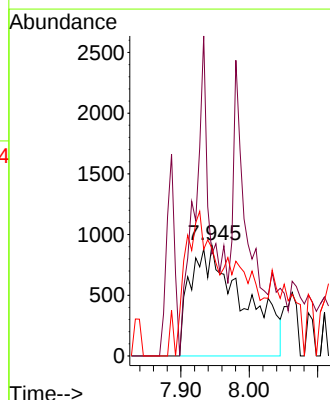
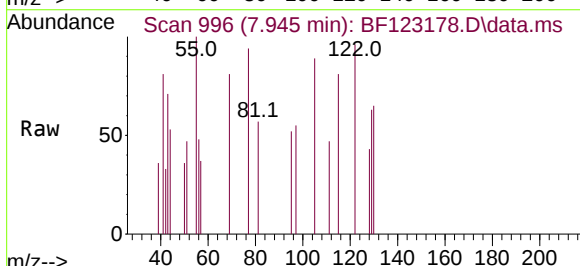
Tgt Ion:122 Resp: 4871

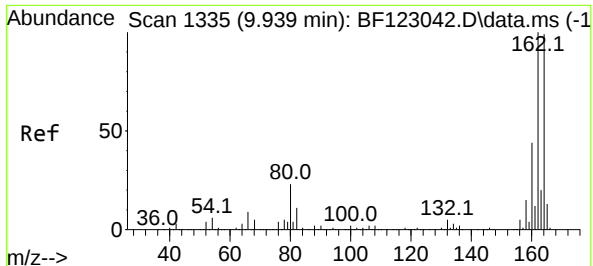
Ion Ratio Lower Upper

122 100

105 92.1 104.8 144.8#

77 97.6 71.0 111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF123178.D

Acq: 10 Feb 2021 19:28

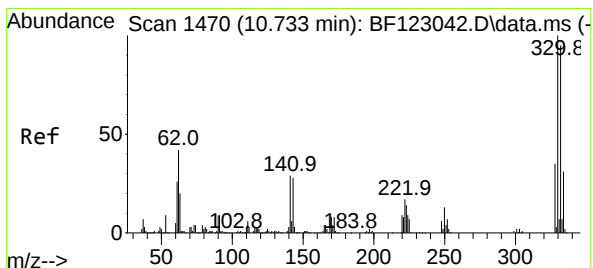
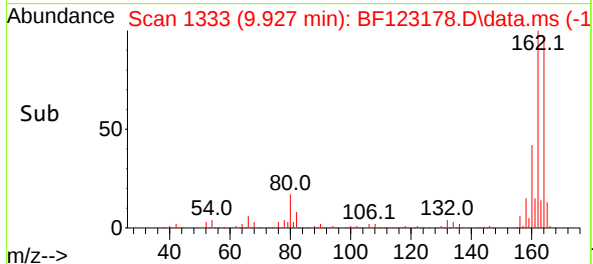
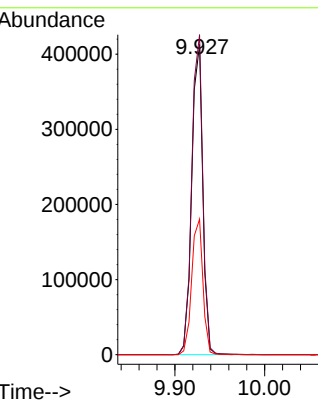
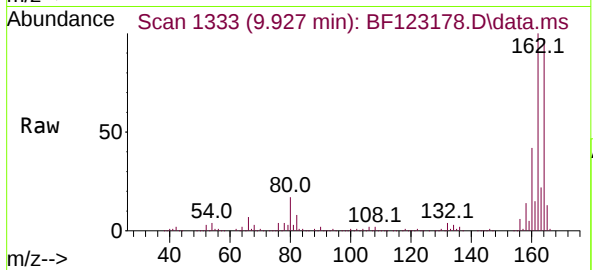
Tgt Ion:164 Resp: 353085

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

160 43.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 29.78 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.018 min

Lab File: BF123178.D

Acq: 10 Feb 2021 19:28

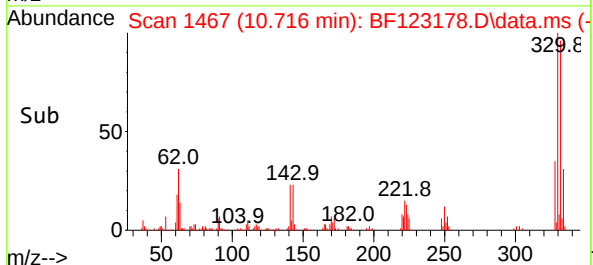
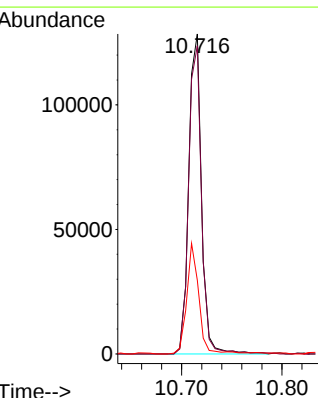
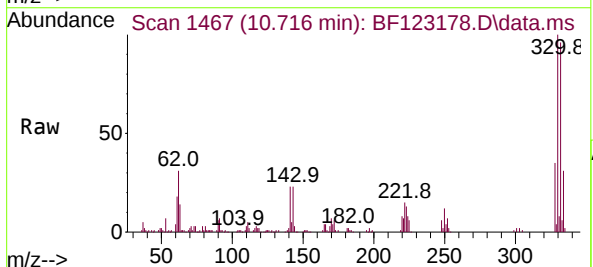
Tgt Ion:330 Resp: 114130

Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 33.0 23.8 35.8



Instrument :

BNA_F

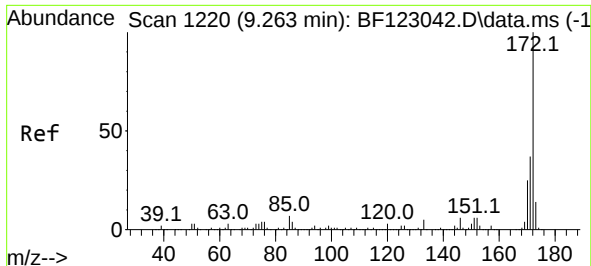
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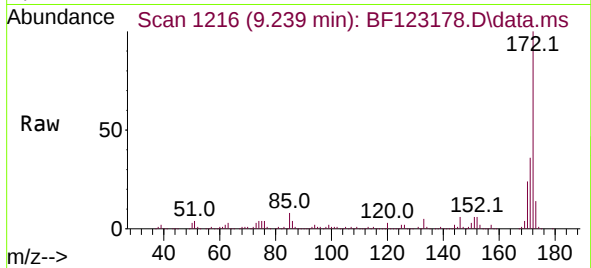
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#45
2-Fluorobiphenyl
Concen: 31.87 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.024 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

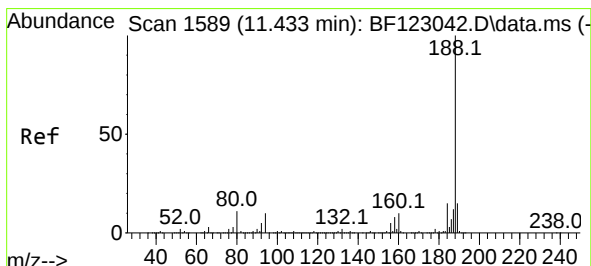
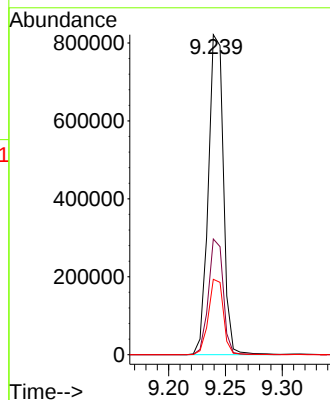
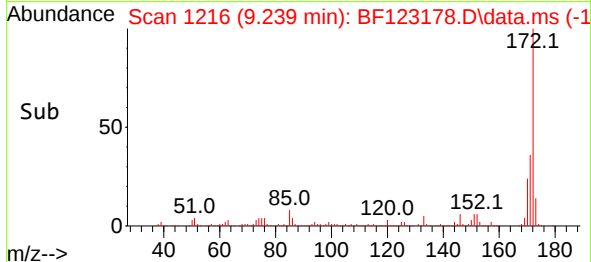
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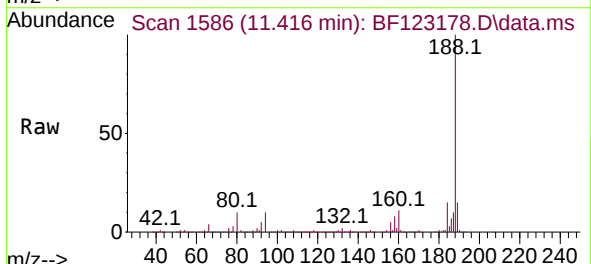
Tgt Ion:172 Resp: 756875
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.6 19.5 29.3

Manual Integrations
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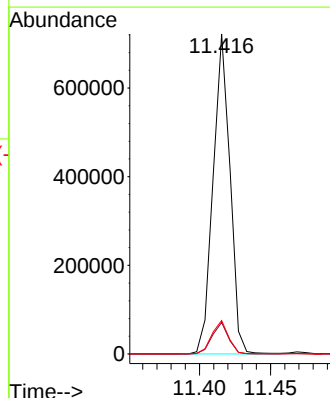
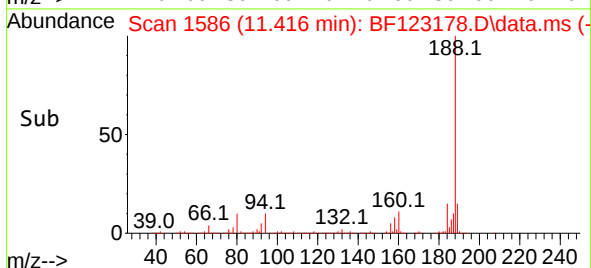
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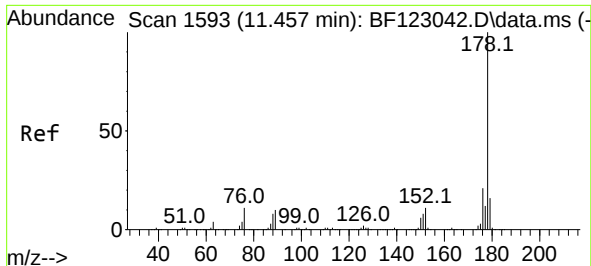


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



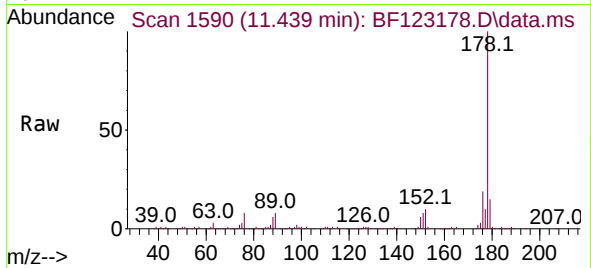
Tgt Ion:188 Resp: 596510
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.4 8.2 12.4





#71
Phenanthrene
Concen: 3.83 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

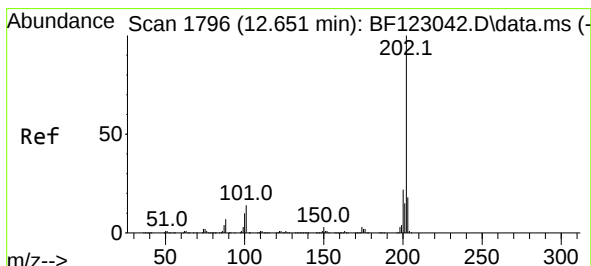
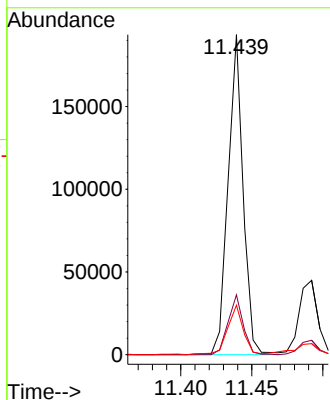
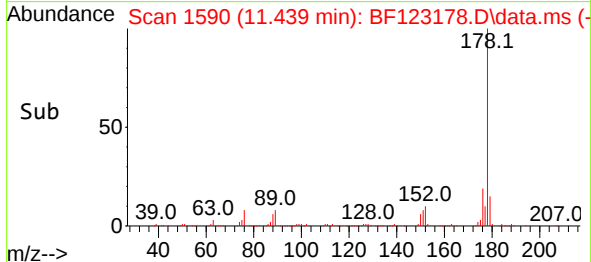
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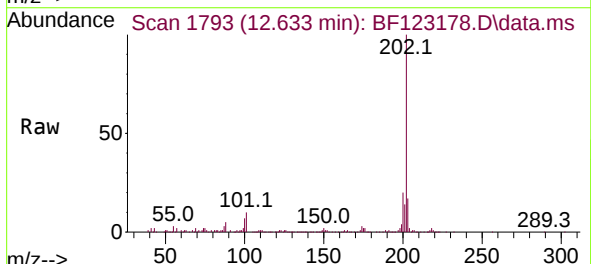
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Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.2
179 15.4 12.7 19.1

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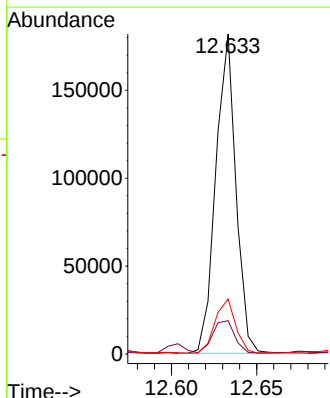
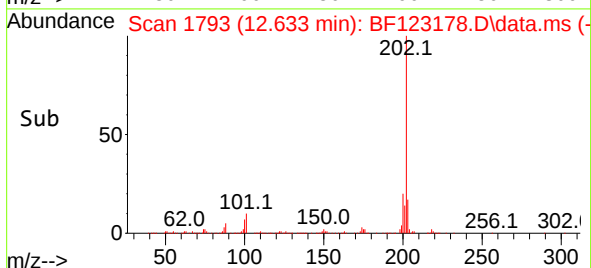
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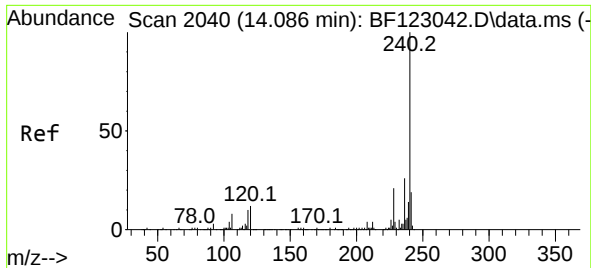


#75
Fluoranthene
Concen: 4.04 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



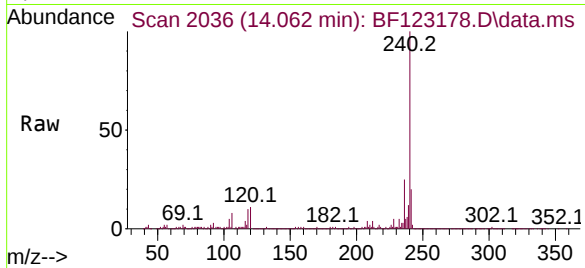
Tgt Ion:202 Resp: 149440
Ion Ratio Lower Upper
202 100
101 10.4 0.0 32.2
203 17.2 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.024 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

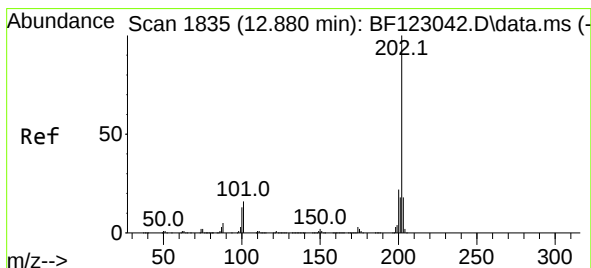
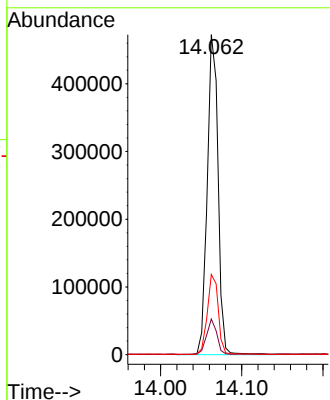
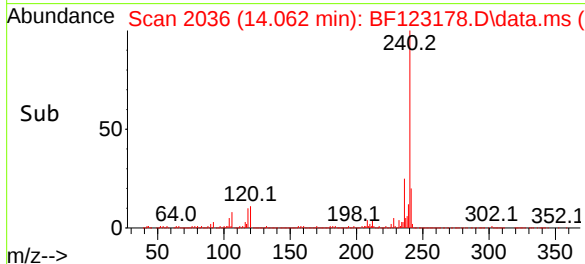
Instrument :
BNA_F
ClientSampleId :
EO-03-020921



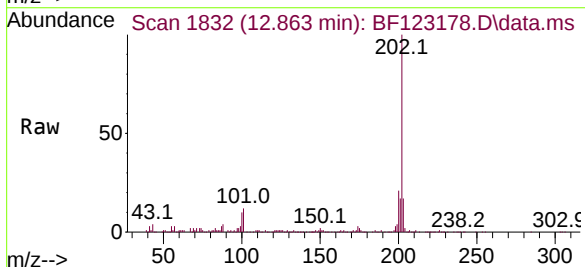
Tgt Ion:240 Resp: 436208
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.1 20.3 30.5

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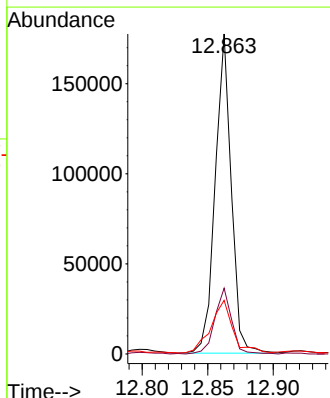
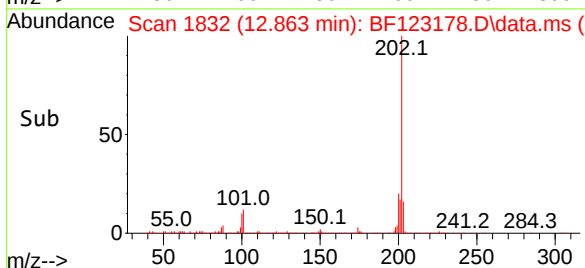
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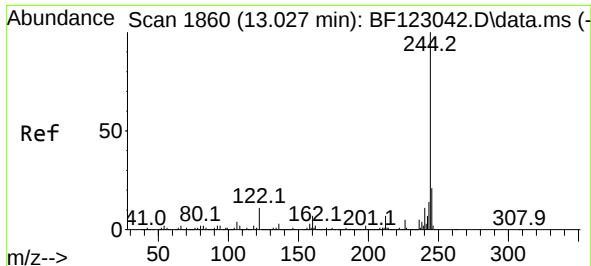


#78
Pyrene
Concen: 4.57 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



Tgt Ion:202 Resp: 150591
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 16.8 14.6 21.8





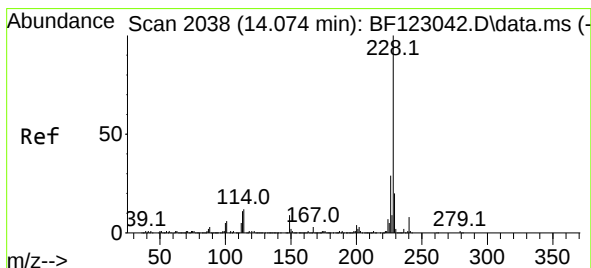
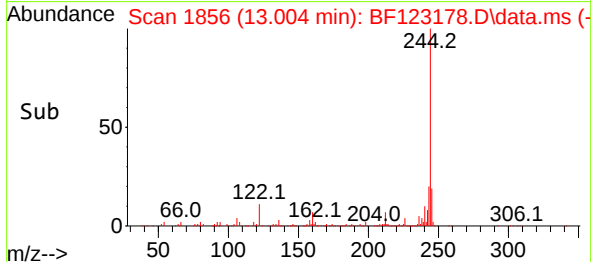
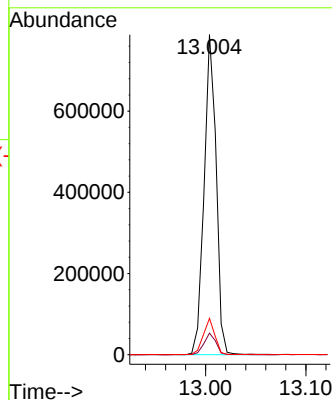
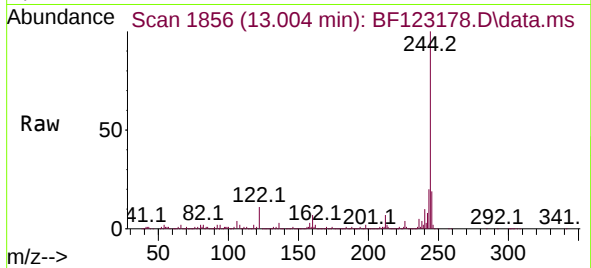
#79
Terphenyl-d14
Concen: 29.77 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:244 Resp: 661031
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.4 8.3 12.5

Instrument :
BNA_F
ClientSampleId :
EO-03-020921

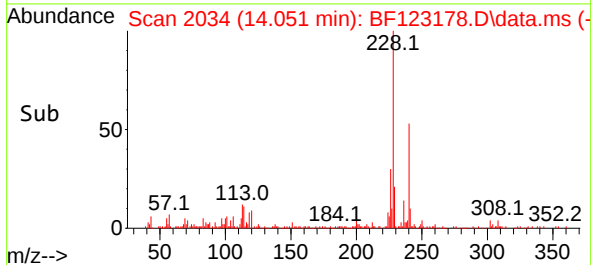
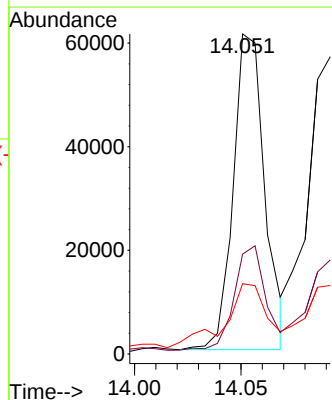
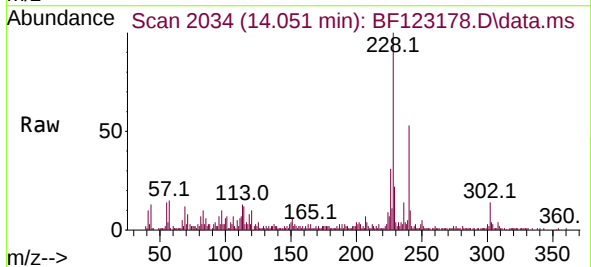
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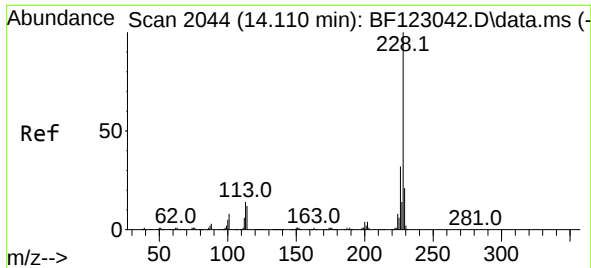
mohammad
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#81
Benzo(a)anthracene
Concen: 2.13 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.024 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:228 Resp: 62960
Ion Ratio Lower Upper
228 100
226 31.2 23.0 34.4
229 21.9 16.6 24.8





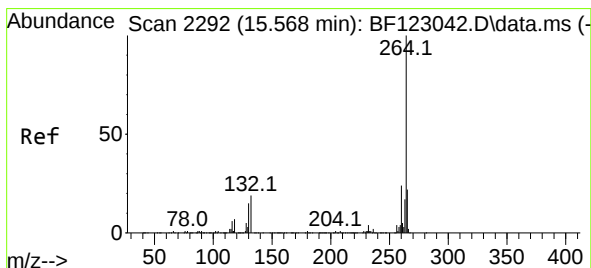
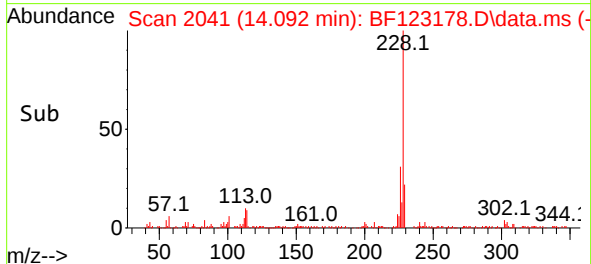
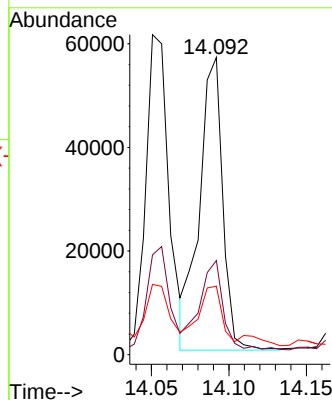
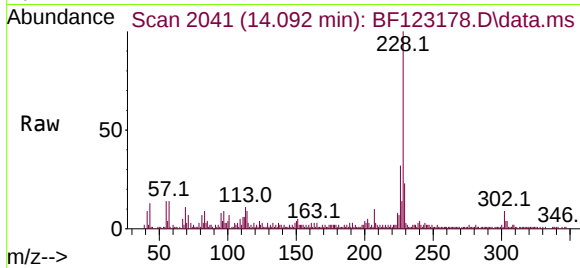
#83
Chrysene
Concen: 2.01 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:228	Resp: 59324
Ion Ratio	Lower Upper
228 100	
226 31.7	24.6 36.8
229 23.0	15.8 23.6

Instrument :
BNA_F
ClientSampleId :
EO-03-020921

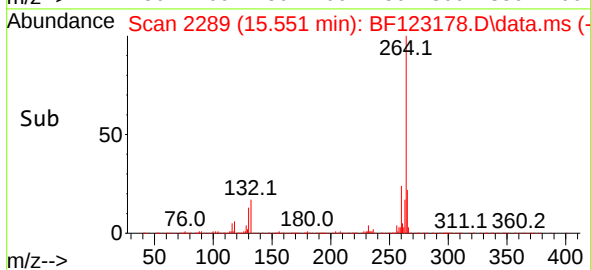
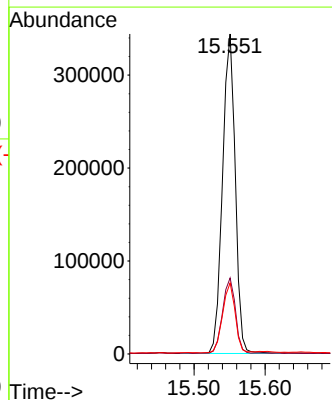
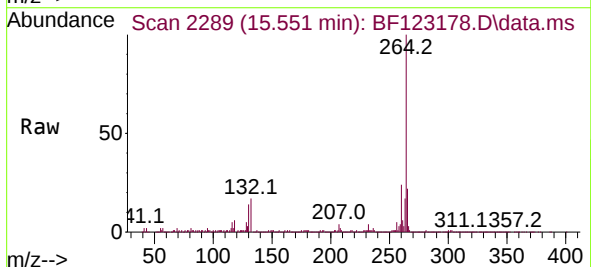
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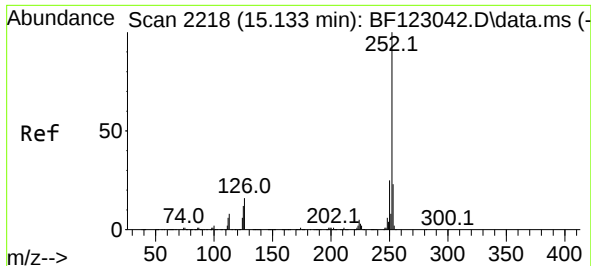
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:264	Resp: 425122
Ion Ratio	Lower Upper
264 100	
260 23.8	18.6 28.0
265 22.2	17.0 25.6





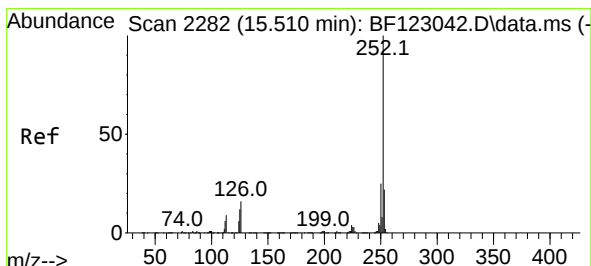
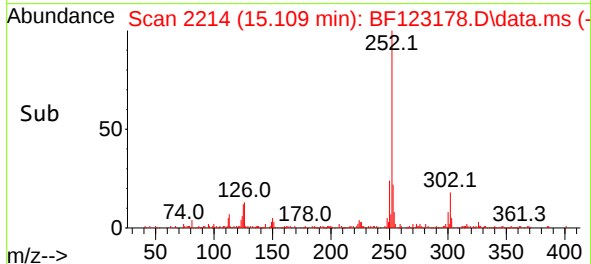
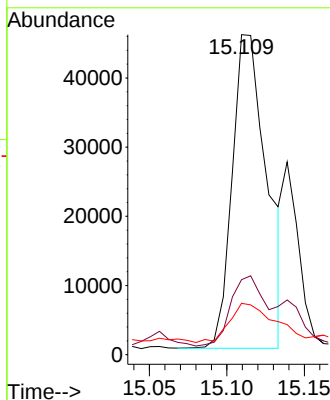
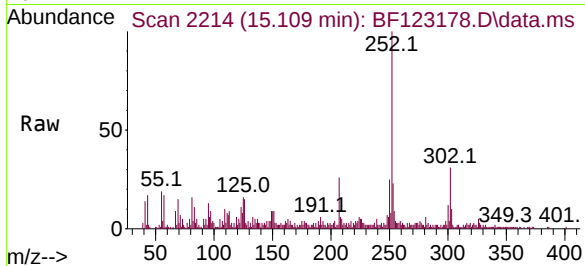
#88
Benzo(b)fluoranthene
Concen: 2.29 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.024 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:252 Resp: 70422
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 16.1 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
EO-03-020921

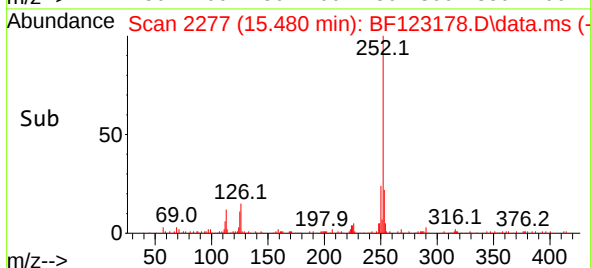
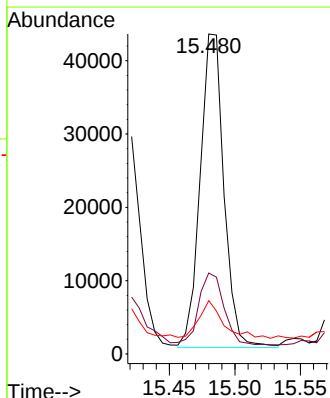
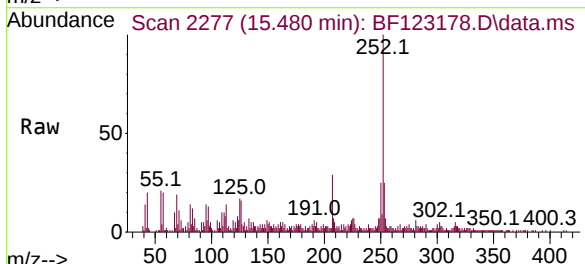
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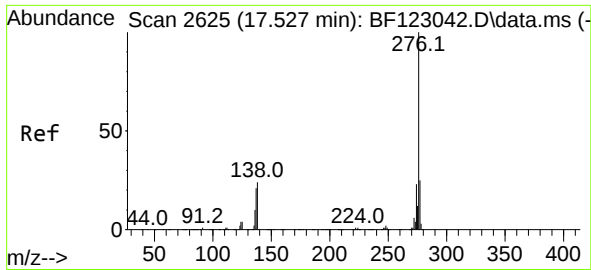
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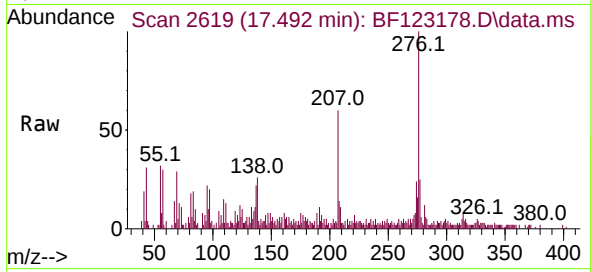
#90
Benzo(a)pyrene
Concen: 2.01 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.030 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28

Tgt Ion:252 Resp: 54115
Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 16.7 8.6 12.8#

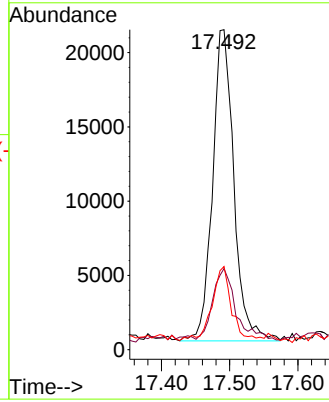
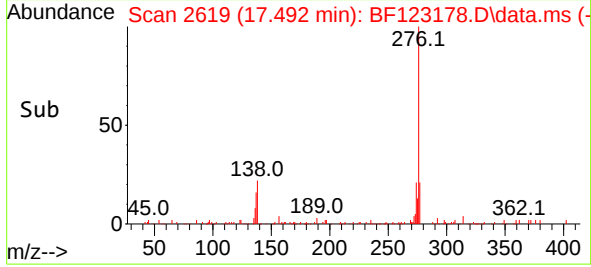




#92
Benzo(g,h,i)perylene
Concen: 2.02 ng
RT: 17.492 min Scan# 2619
Delta R.T. -0.035 min
Lab File: BF123178.D
Acq: 10 Feb 2021 19:28



Tgt Ion: 276 Resp: 45578
Ion Ratio Lower Upper
276 100
277 25.4 19.3 28.9
138 26.0 16.6 24.8#



Instrument :
BNA_F
ClientSampleId :
EO-03-020921

Manual Integrations
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2/11/2021 9:46:32 AM