

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123832.D
 Acq On : 5 May 2021 17:36
 Operator : JU/CG
 Sample : M2279-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-14

Manual Integrations
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Quant Time: May 05 17:58:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	215854	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	846632	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	428967	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	749624	20.00	ng	0.00
76) Chrysene-d12	13.962	240	462477	20.00	ng	#-0.01
86) Perylene-d12	15.421	264	437466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1182532	86.79	ng	0.00
7) Phenol-d6	6.434	99	1560956	83.17	ng	0.00
23) Nitrobenzene-d5	7.357	82	1066635	56.87	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	418233	78.32	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1603941	54.45	ng	0.00
79) Terphenyl-d14	12.910	244	1239813	51.62	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	94892	3.14	ng	99
71) Phenanthrene	11.345	178	163130	4.15	ng	99
75) Fluoranthene	12.533	202	156276	3.64	ng	97
78) Pyrene	12.763	202	182656	5.09	ng	98
81) Benzo(a)anthracene	13.957	228	71015	2.53	ng	96
83) Chrysene	13.992	228	70077	2.49	ng	97
88) Benzo(b)fluoranthene	14.998	252	74005m	2.51	ng	
90) Benzo(a)pyrene	15.356	252	57321	2.27	ng	# 90

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

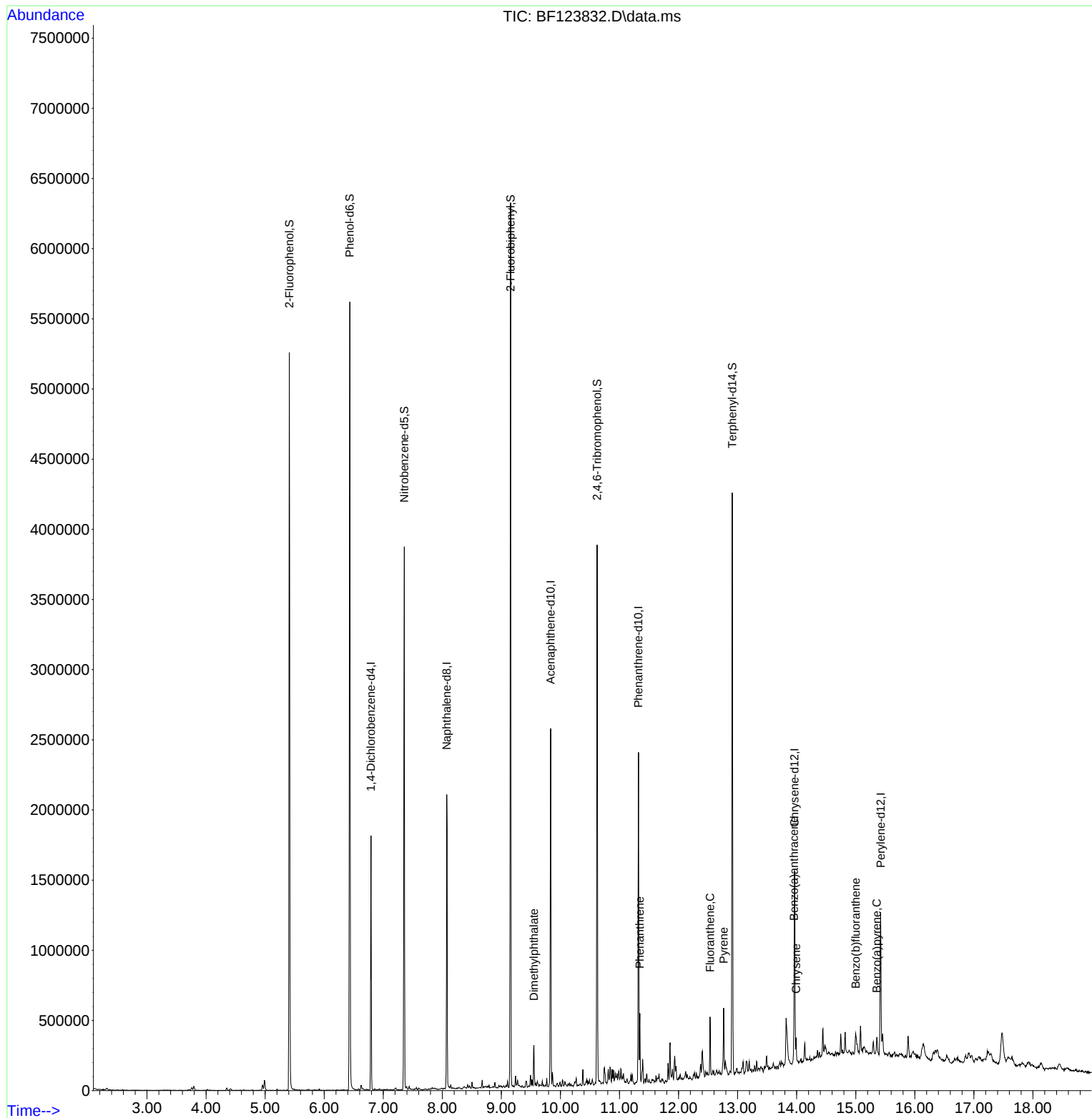
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123832.D
Acq On : 5 May 2021 17:36
Operator : JU/CG
Sample : M2279-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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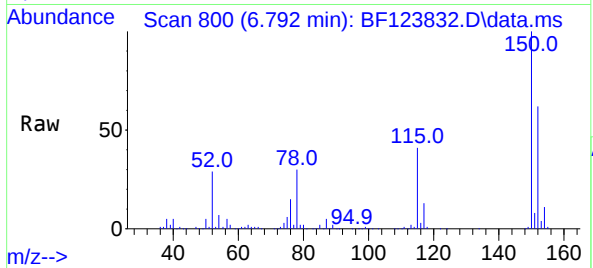
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Quant Time: May 05 17:58:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

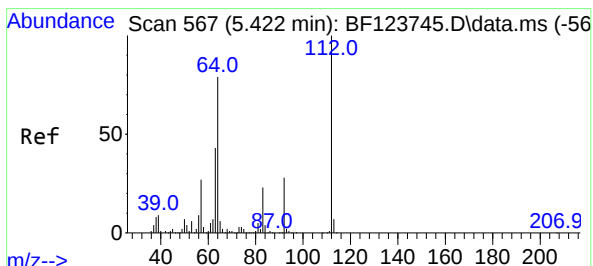
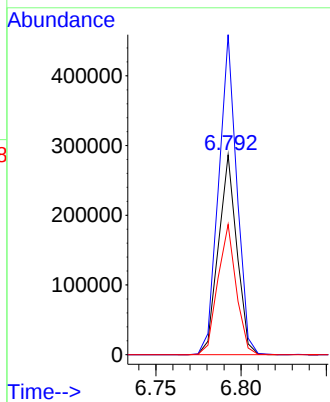
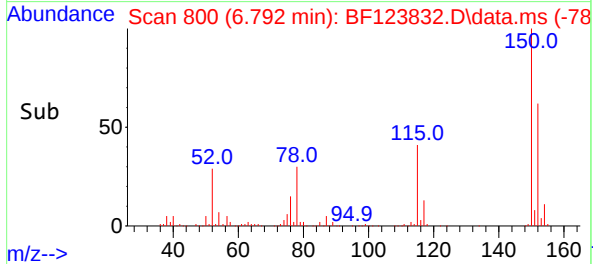




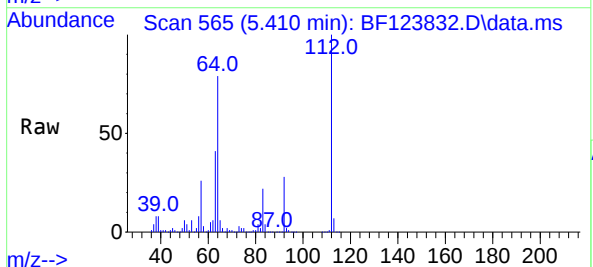
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



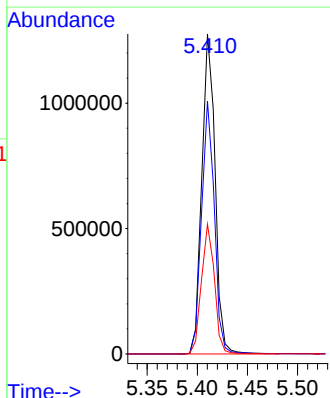
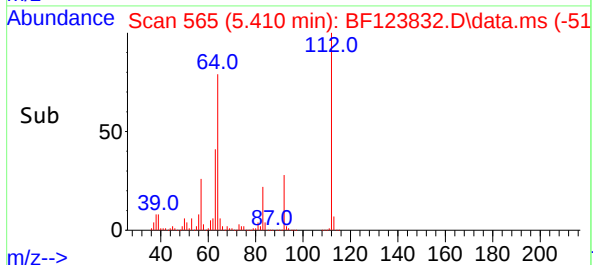
Tgt Ion:152 Resp: 215854
Ion Ratio Lower Upper
152 100
150 160.2 127.0 190.6
115 65.2 54.3 81.5



#5
2-Fluorophenol
Concen: 86.79 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



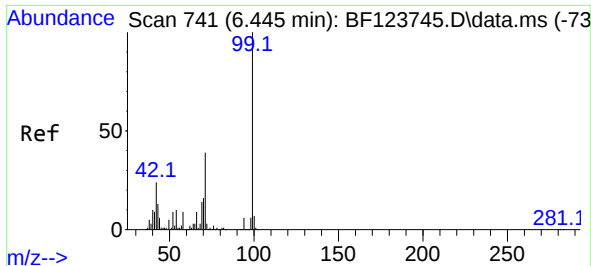
Tgt Ion:112 Resp: 1182532
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 40.6 33.0 49.4



Instrument :
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ClientSampled :
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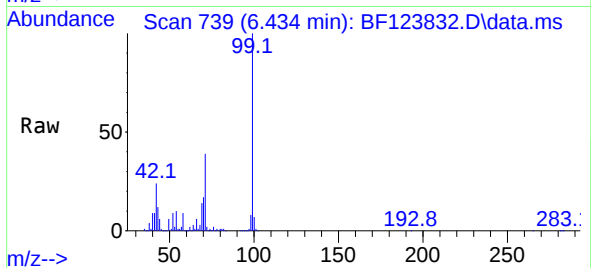
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#7
Phenol-d6
Concen: 83.17 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

Instrument :
BNA_F
ClientSampled :
EME-14

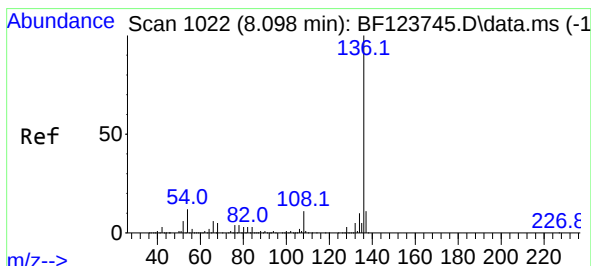
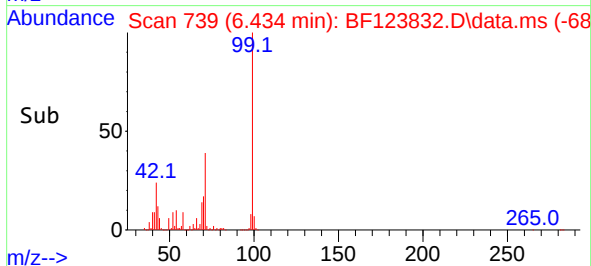
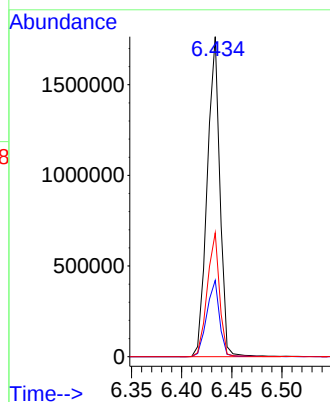


Tgt Ion: 99 Resp: 1560956

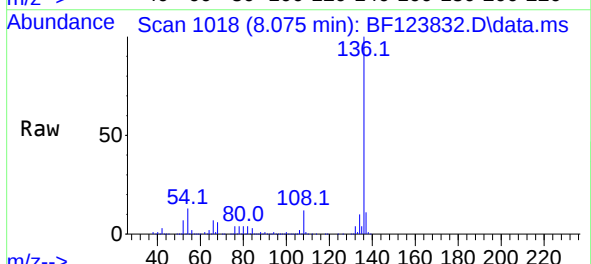
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.8	29.8
71	38.7	31.1	46.7

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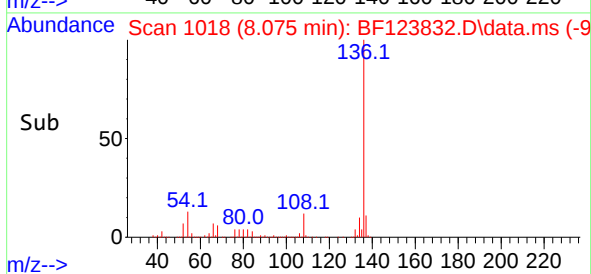
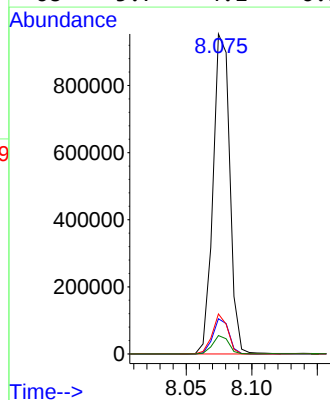


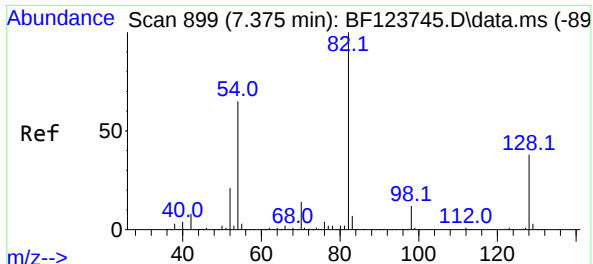
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



Tgt Ion: 136 Resp: 846632

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.5	9.8	14.6
68	5.7	4.1	6.1





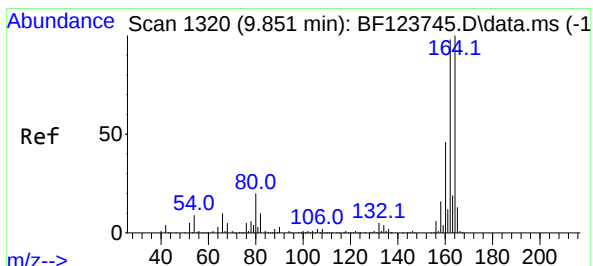
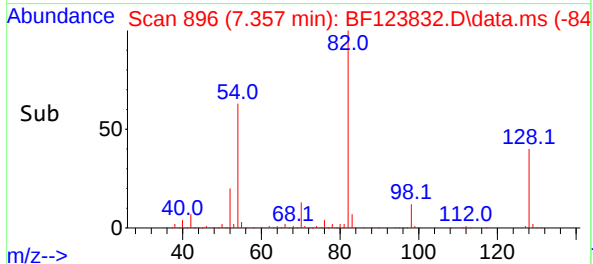
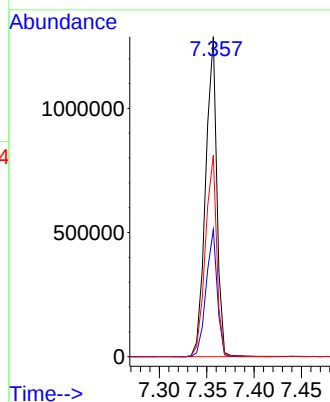
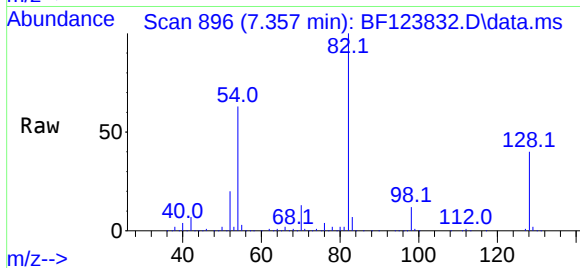
#23
Nitrobenzene-d5
Concen: 56.87 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

Tgt Ion: 82 Resp: 1066635
Ion Ratio Lower Upper
82 100
128 39.7 29.4 44.2
54 63.0 54.1 81.1

Instrument :
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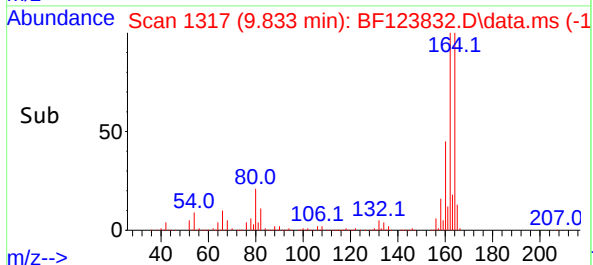
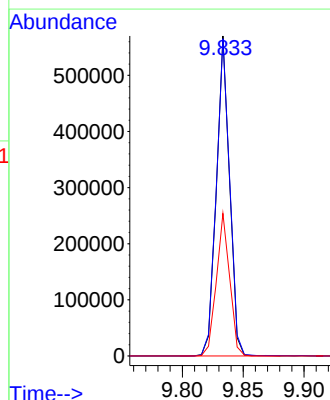
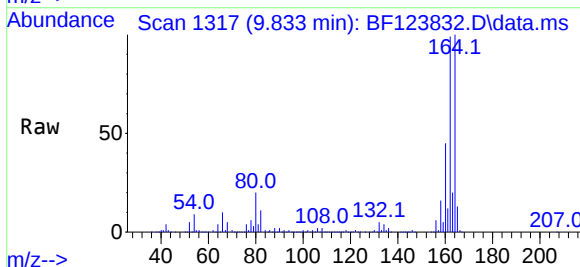
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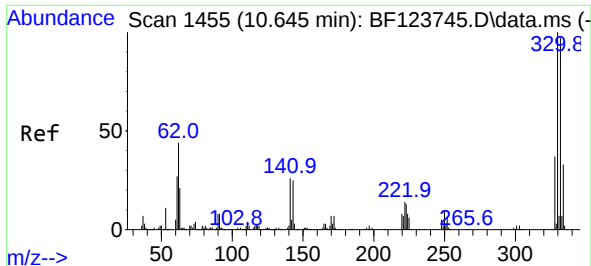
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

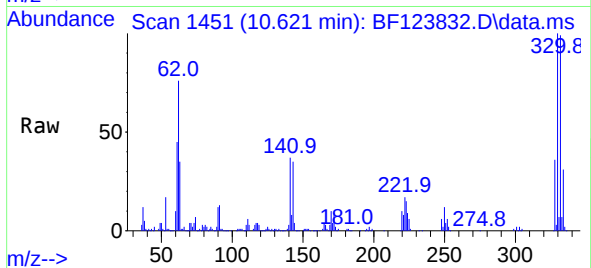
Tgt Ion:164 Resp: 428967
Ion Ratio Lower Upper
164 100
162 99.1 80.7 121.1
160 44.5 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 78.32 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

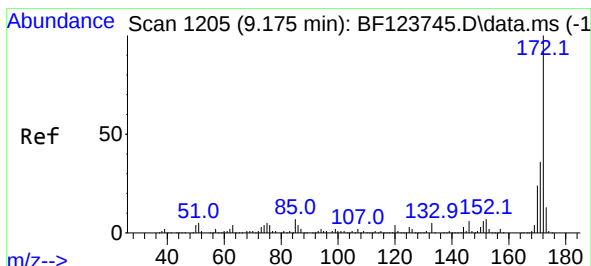
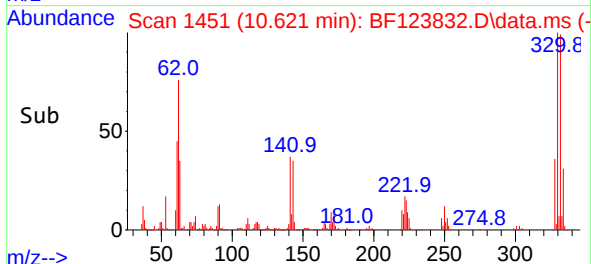
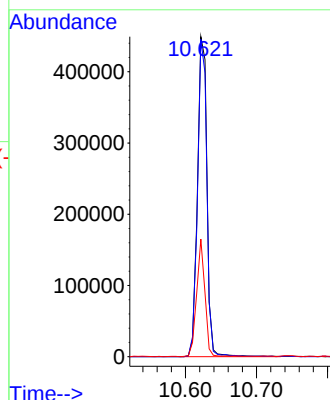
Instrument :
BNA_F
ClientSampled :
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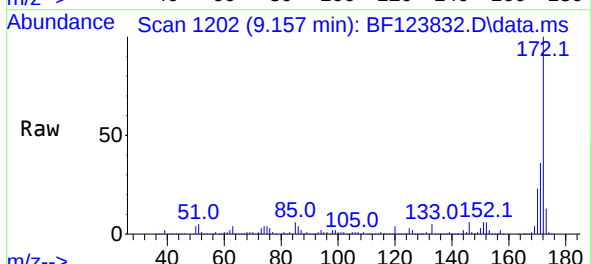
Tgt Ion:330 Resp: 418233
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.1 27.9 41.9

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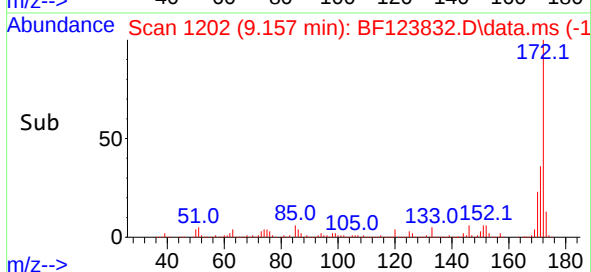
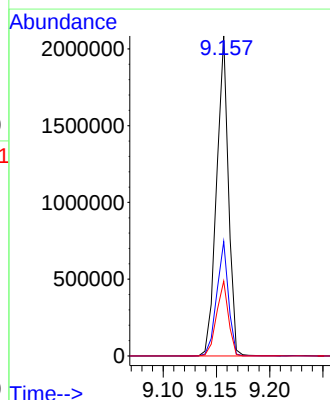
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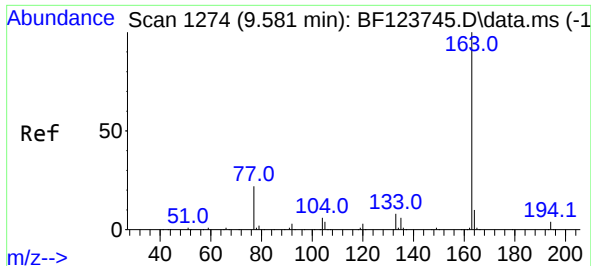


#45
2-Fluorobiphenyl
Concen: 54.45 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



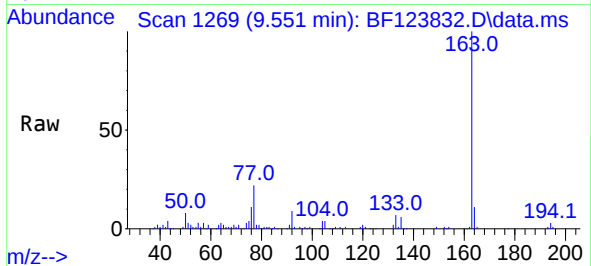
Tgt Ion:172 Resp: 1603941
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.4 19.2 28.8





#50
Dimethylphthalate
Concen: 3.14 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

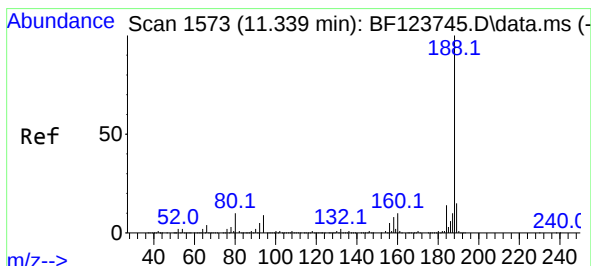
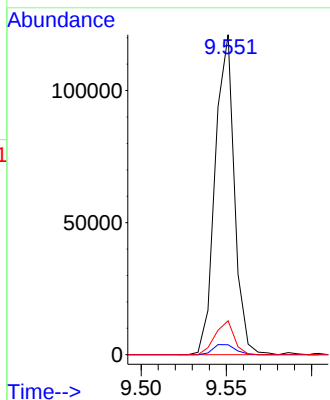
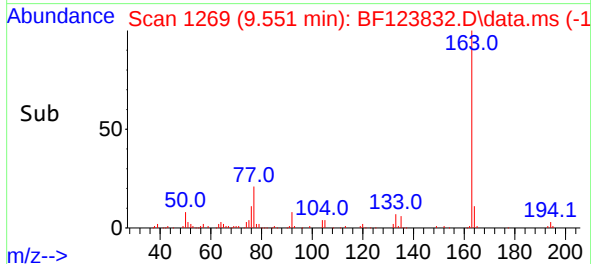
Instrument :
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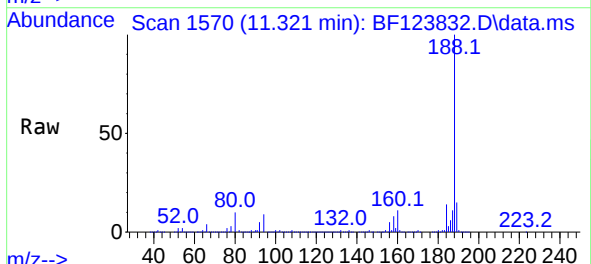
Tgt Ion:163 Resp: 94892
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7
164 10.6 8.2 12.2

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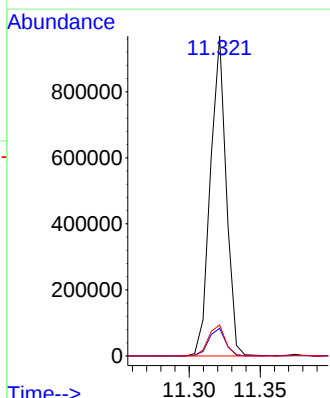
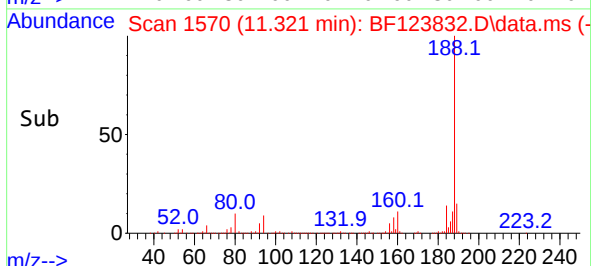
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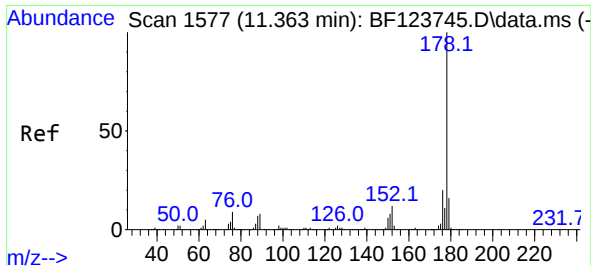


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



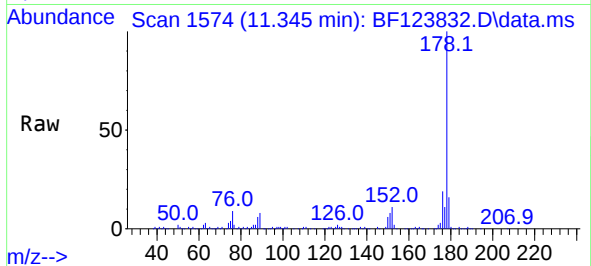
Tgt Ion:188 Resp: 749624
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.7 8.2 12.2





#71
Phenanthrene
Concen: 4.15 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

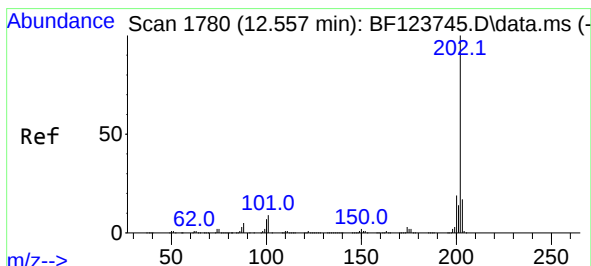
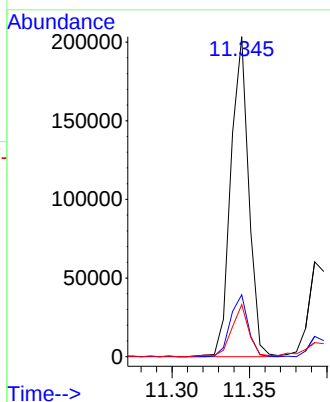
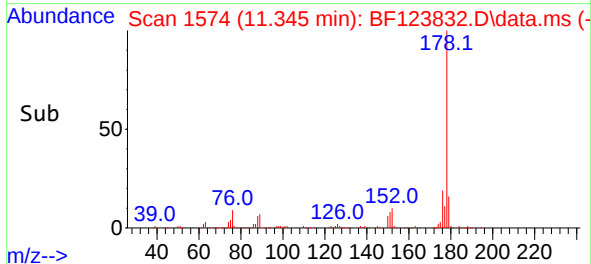
Instrument :
BNA_F
ClientSampled :
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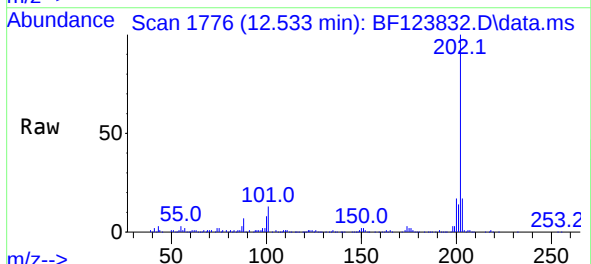
Tgt Ion:178 Resp: 163130
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.2 12.5 18.7

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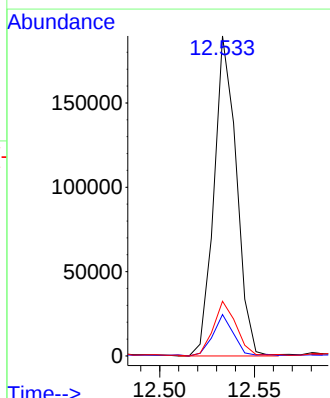
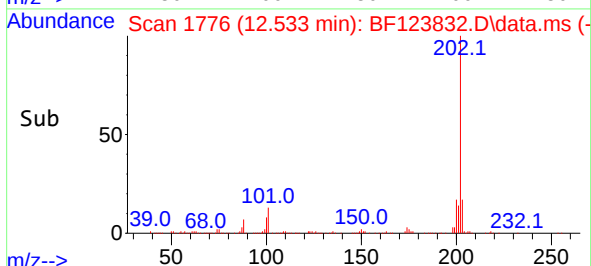
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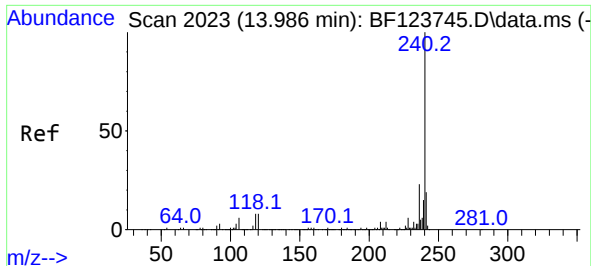


#75
Fluoranthene
Concen: 3.64 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



Tgt Ion:202 Resp: 156276
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.9
203 17.1 0.0 37.5





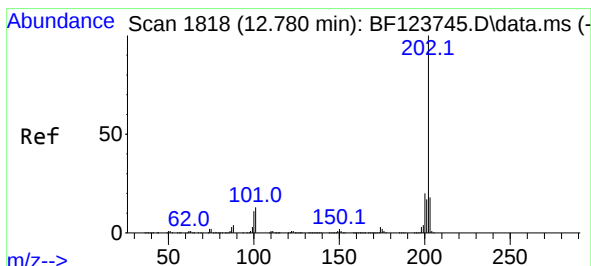
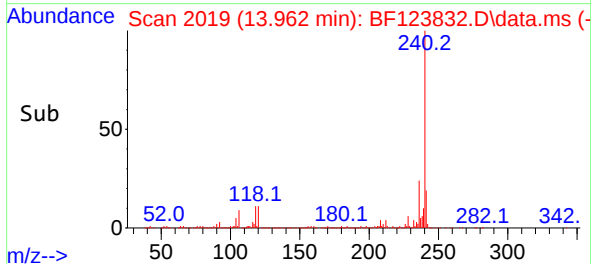
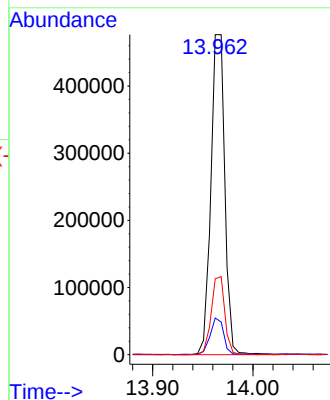
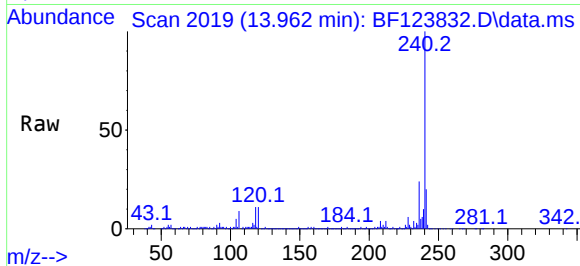
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

Tgt Ion:240 Resp: 462477
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 23.7 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
EME-14

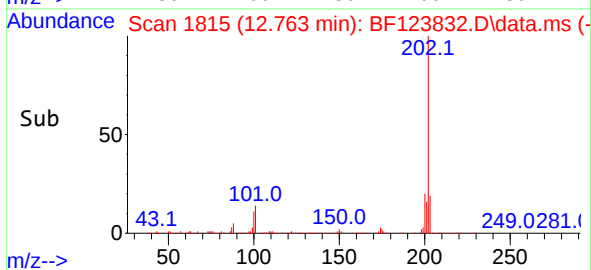
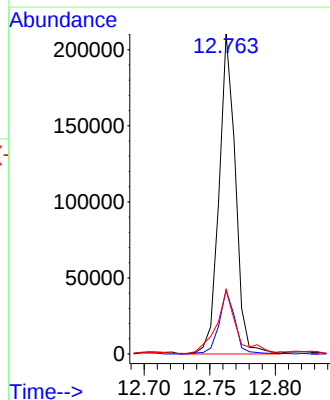
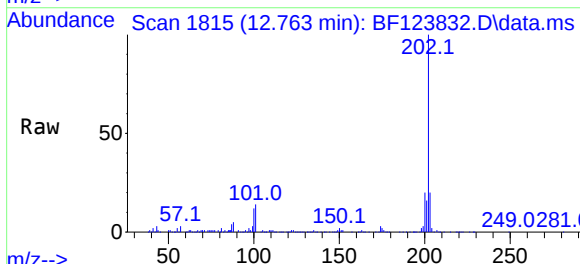
Manual Integrations
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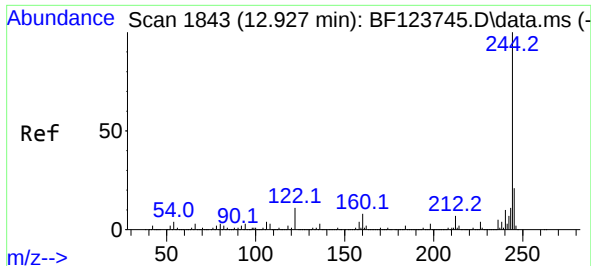
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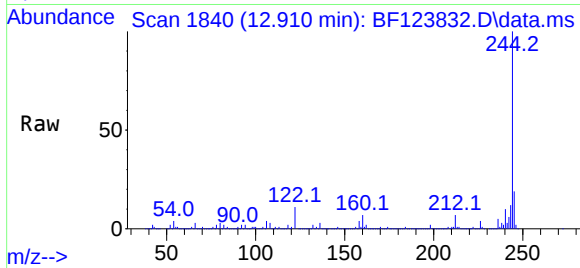
#78
Pyrene
Concen: 5.09 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

Tgt Ion:202 Resp: 182656
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 19.9 14.8 22.2

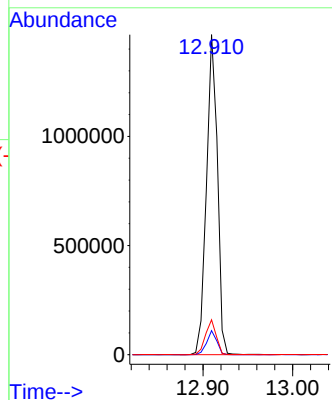
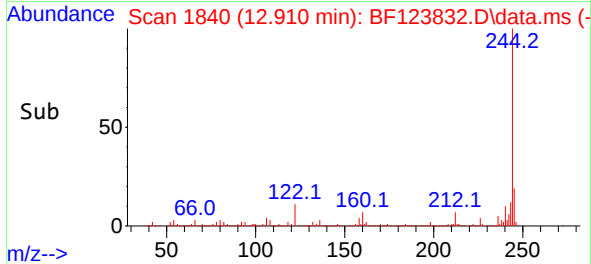




#79
Terphenyl-d14
Concen: 51.62 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



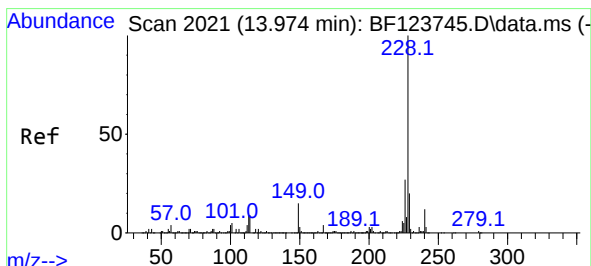
Tgt Ion:244 Resp: 1239813
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.9 9.7 14.5



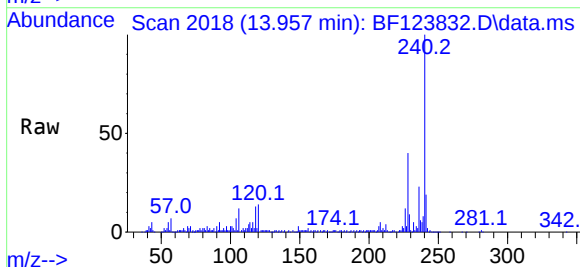
Instrument :
BNA_F
ClientSampled :
EME-14

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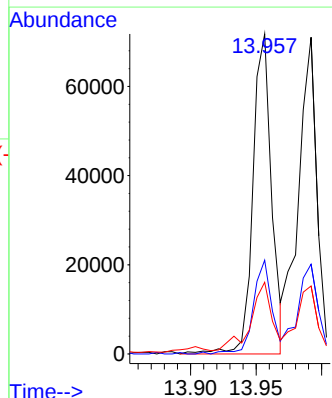
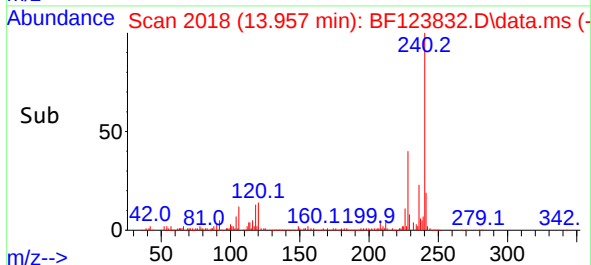
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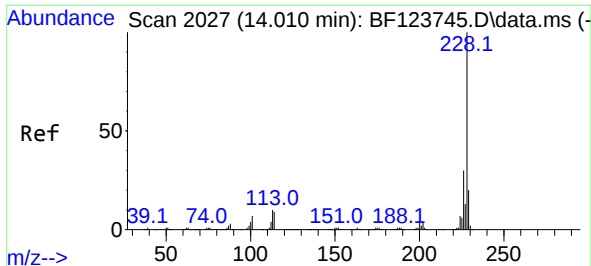


#81
Benzo(a)anthracene
Concen: 2.53 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



Tgt Ion:228 Resp: 71015
Ion Ratio Lower Upper
228 100
226 29.3 22.4 33.6
229 22.4 16.0 24.0





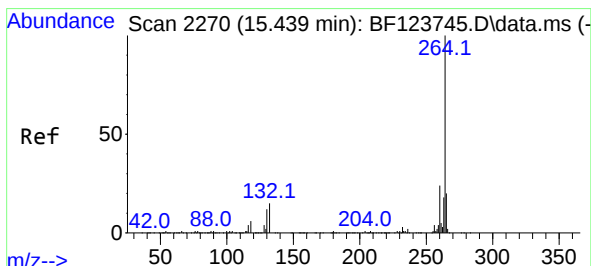
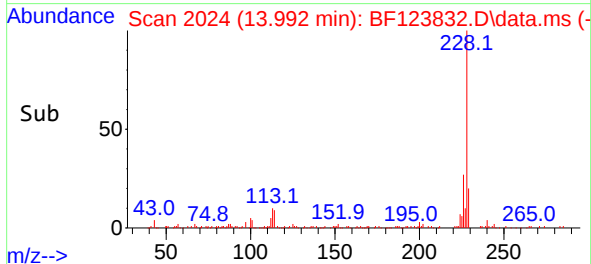
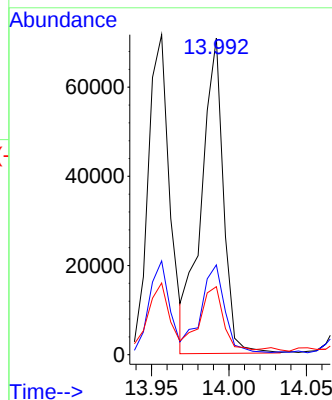
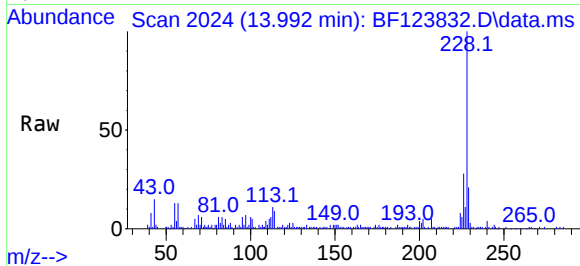
#83
Chrysene
Concen: 2.49 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

Tgt Ion:	228	Resp:	70077
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.3	36.5
229	21.5	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
EME-14

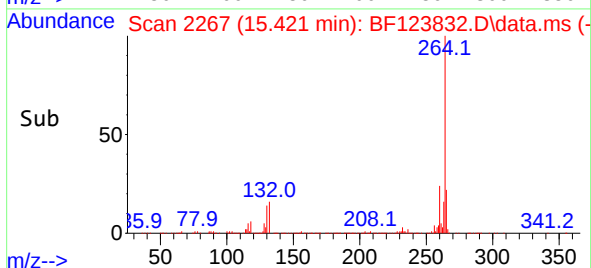
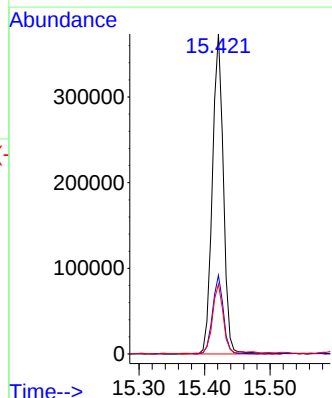
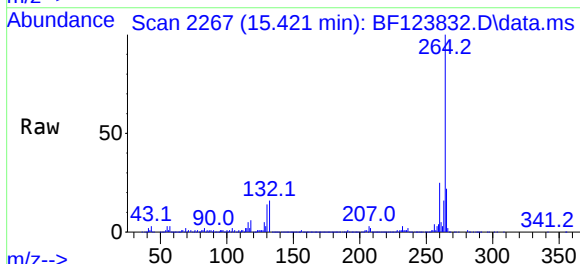
Manual Integrations
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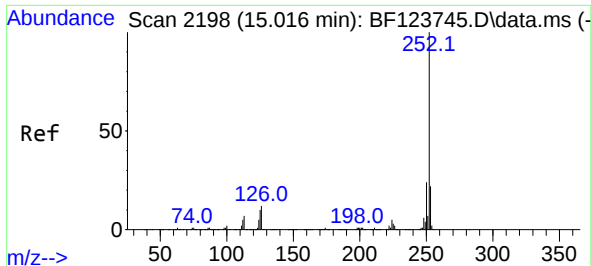
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

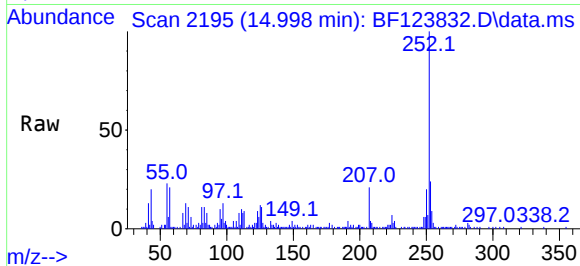
Tgt Ion:	264	Resp:	437466
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	21.8	17.8	26.8





#88
Benzo(b)fluoranthene
Concen: 2.51 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36

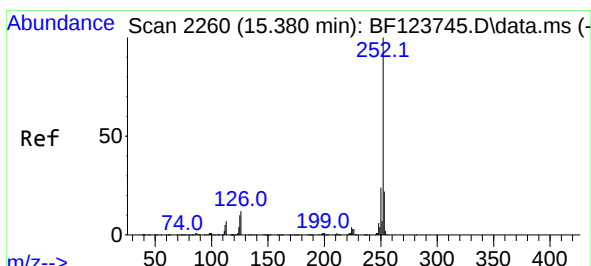
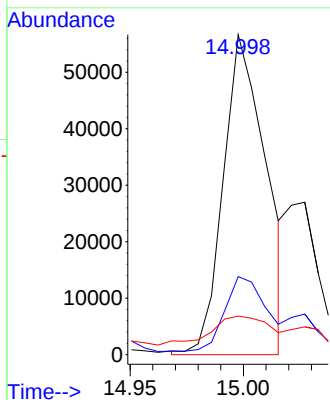
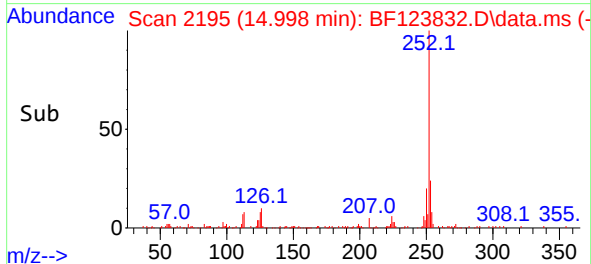
Instrument :
BNA_F
ClientSampled :
EME-14



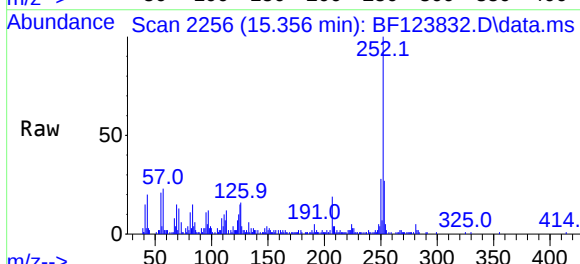
Tgt Ion:252 Resp: 74005
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 12.0 6.2 9.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.27 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF123832.D
Acq: 5 May 2021 17:36



Tgt Ion:252 Resp: 57321
Ion Ratio Lower Upper
252 100
253 26.8 18.4 27.6
125 15.0 8.0 12.0#

