

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123835.D
 Acq On : 5 May 2021 19:11
 Operator : JU/CG
 Sample : M2279-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-17

Manual Integrations
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Quant Time: May 06 00:51:05 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	233527	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	904753	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	428624	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	678820	20.00	ng	0.00
76) Chrysene-d12	13.968	240	472685	20.00	ng	0.00
86) Perylene-d12	15.421	264	368676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1523560	103.36	ng	0.00
7) Phenol-d6	6.434	99	2032538	100.10	ng	0.00
23) Nitrobenzene-d5	7.357	82	1403101	70.01	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	476708	89.34	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2013069	68.40	ng	0.00
79) Terphenyl-d14	12.910	244	1398552	56.97	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	119896	3.97	ng	98
71) Phenanthrene	11.345	178	103240	2.90	ng	99
75) Fluoranthene	12.533	202	135282	3.48	ng	98
78) Pyrene	12.763	202	161377	4.40	ng	96
81) Benzo(a)anthracene	13.957	228	64383	2.25	ng	94
83) Chrysene	13.992	228	68531	2.38	ng	95
88) Benzo(b)fluoranthene	14.998	252	66739m	2.69	ng	
90) Benzo(a)pyrene	15.357	252	50927	2.40	ng	# 92

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

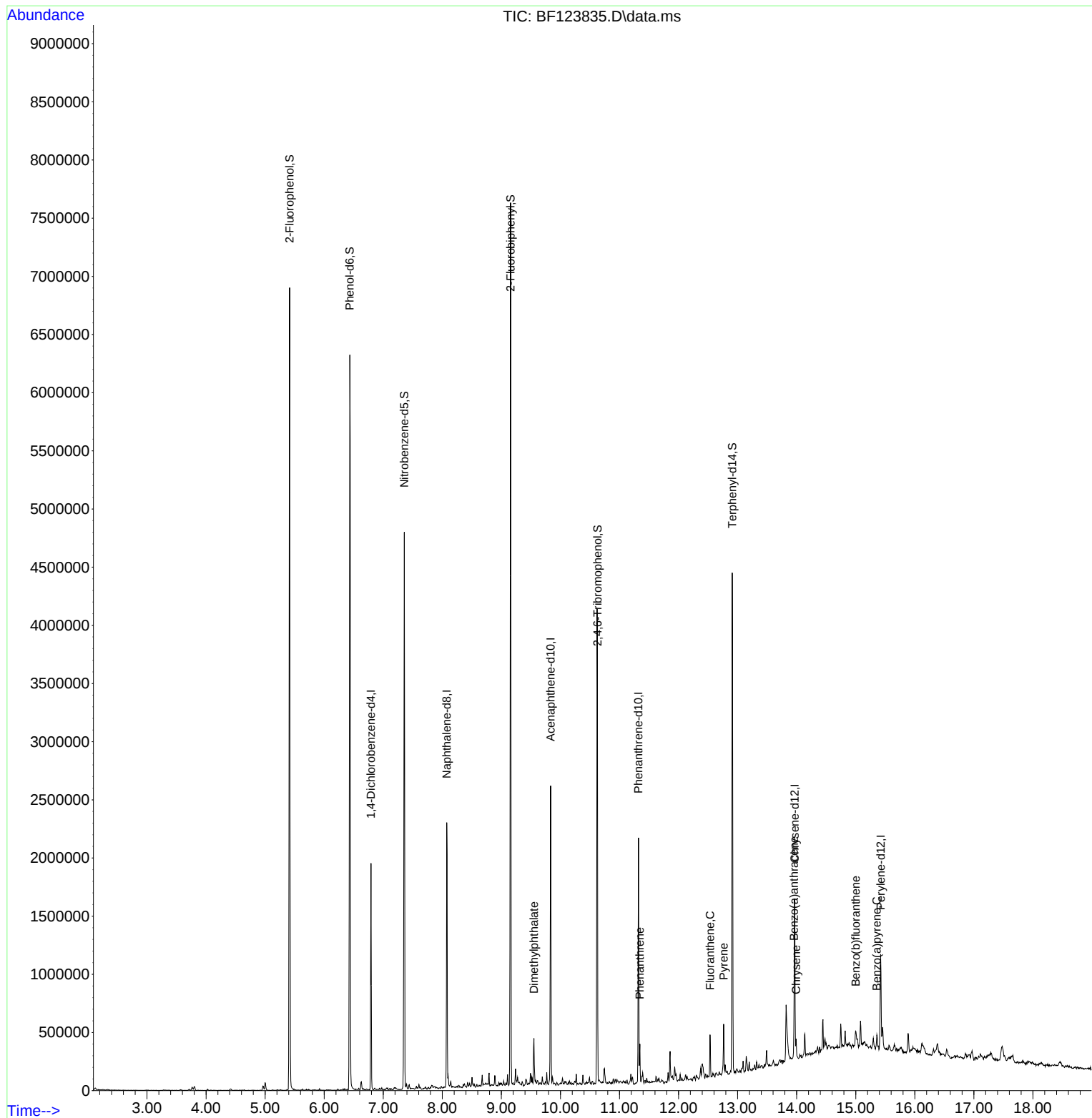
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123835.D
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Operator : JU/CG
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ALS Vial : 14 Sample Multiplier: 1

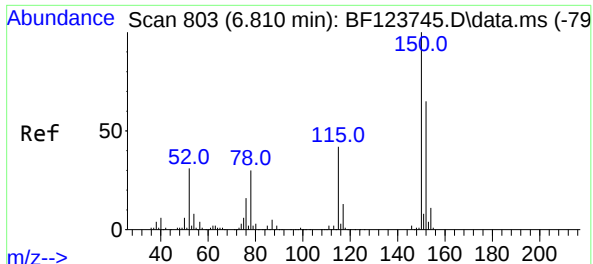
Instrument :
BNA_F
ClientSampled :
EME-17

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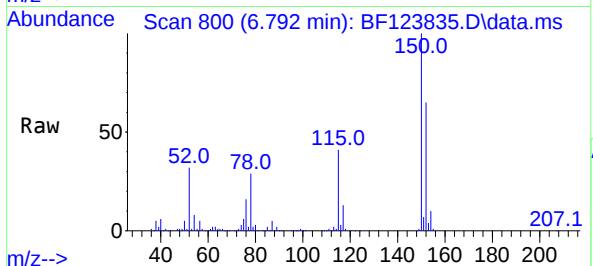
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Quant Time: May 06 00:51:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

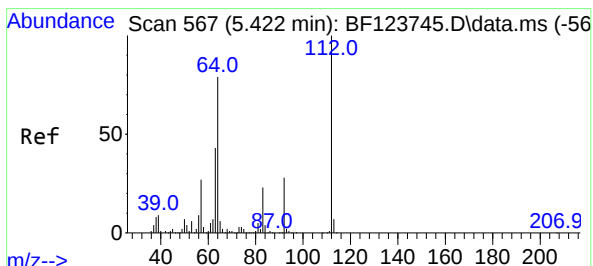
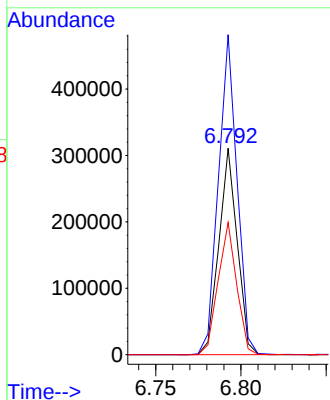
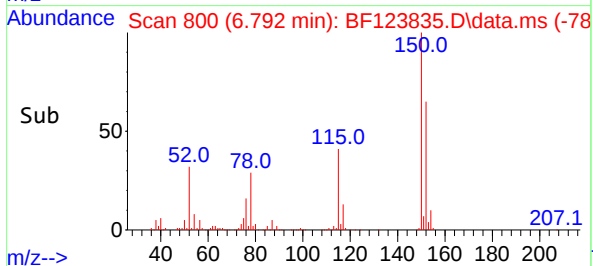




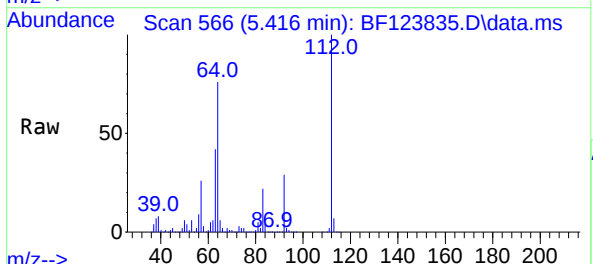
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



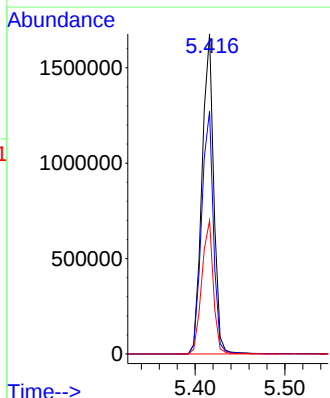
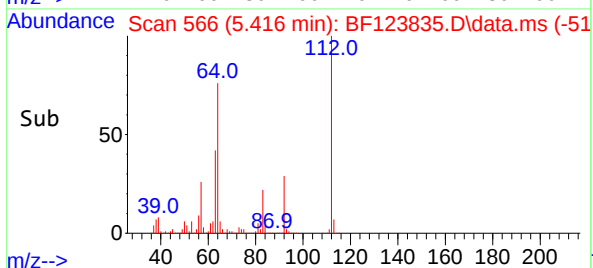
Tgt Ion:152 Resp: 233527
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 64.1 54.3 81.5



#5
2-Fluorophenol
Concen: 103.36 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



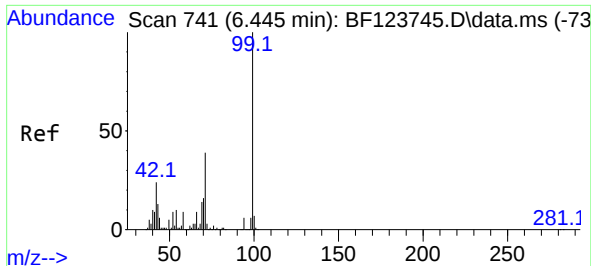
Tgt Ion:112 Resp: 1523560
Ion Ratio Lower Upper
112 100
64 75.9 61.4 92.0
63 41.7 33.0 49.4



Instrument :
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ClientSampled :
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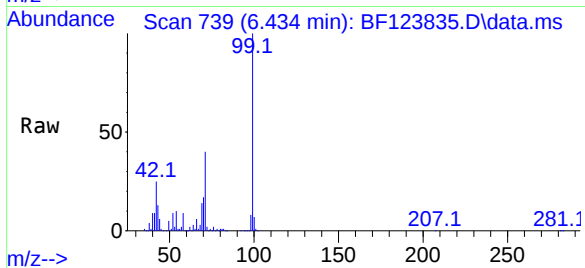
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#7
Phenol-d6
Concen: 100.10 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Instrument :
BNA_F
ClientSampleId :
EME-17

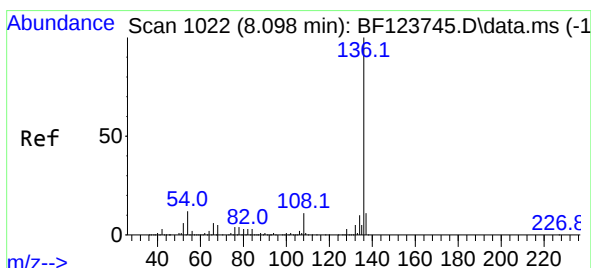
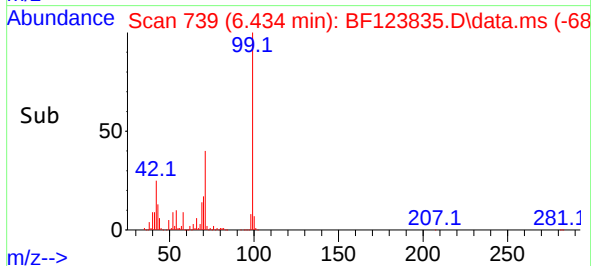
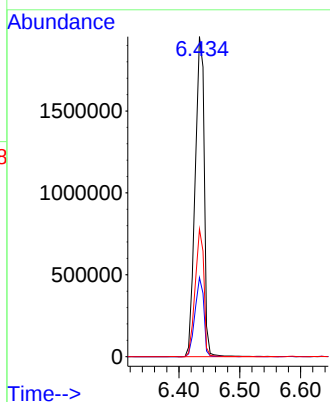


Tgt Ion: 99 Resp: 2032538

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.8	29.8
71	39.9	31.1	46.7

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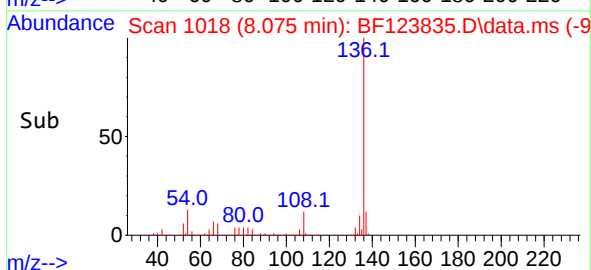
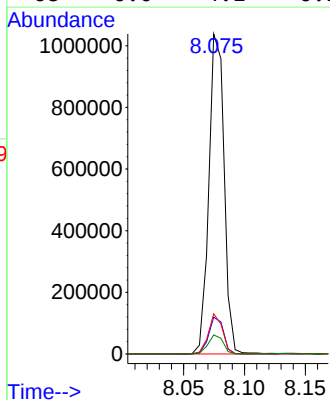
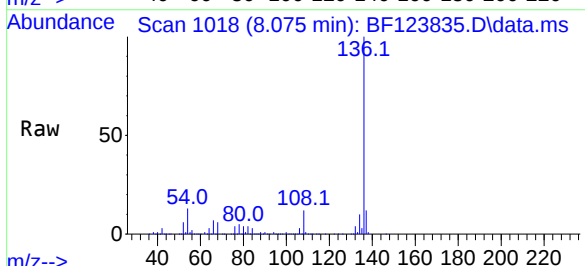
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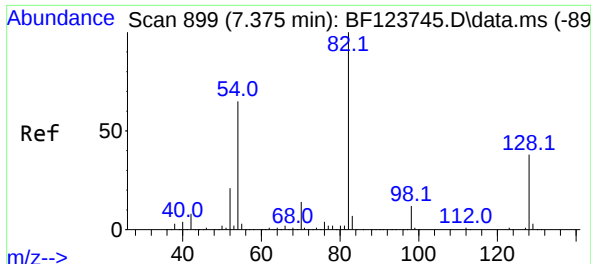


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion: 136 Resp: 904753

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.5	9.8	14.6
68	6.0	4.1	6.1





#23
Nitrobenzene-d5
Concen: 70.01 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

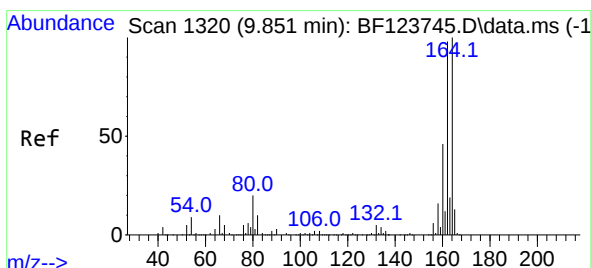
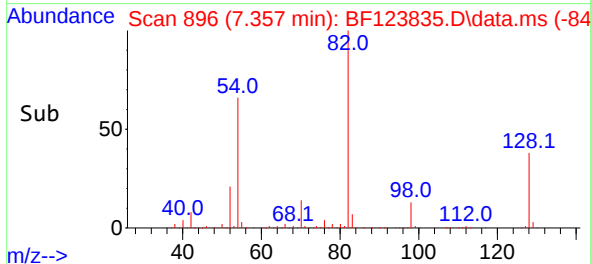
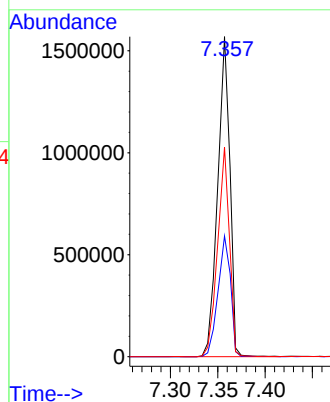
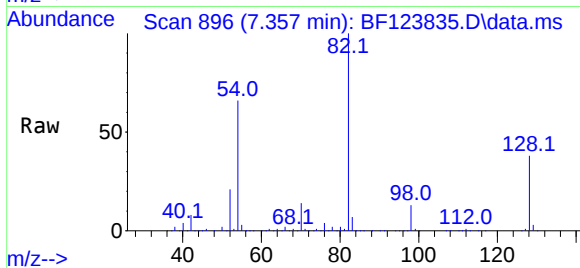
Tgt Ion: 82 Resp: 1403101

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	65.5	54.1	81.1

Instrument :
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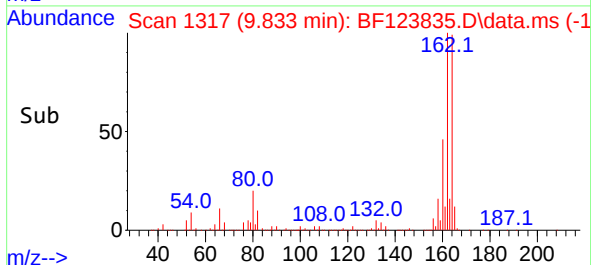
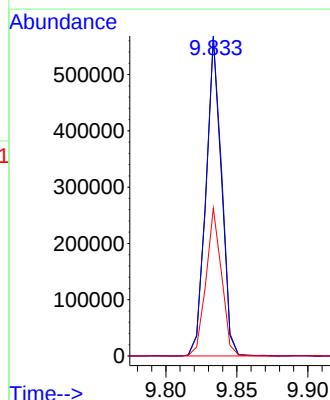
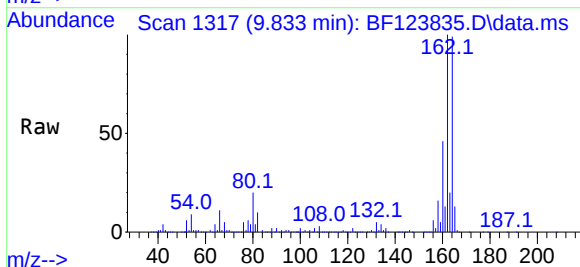
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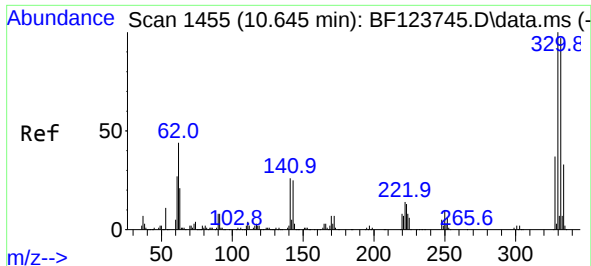


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion:164 Resp: 428624

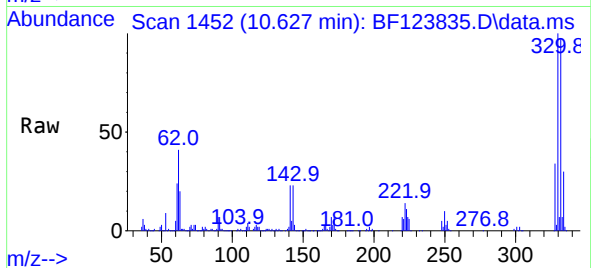
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	46.5	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 89.34 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

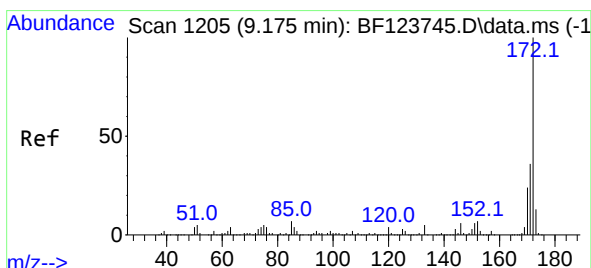
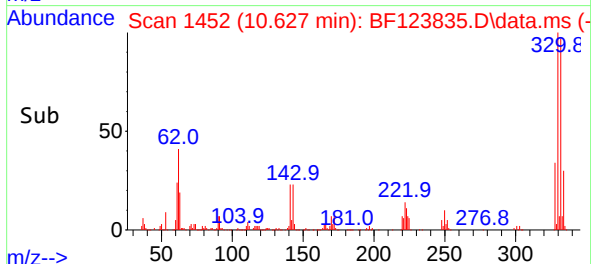
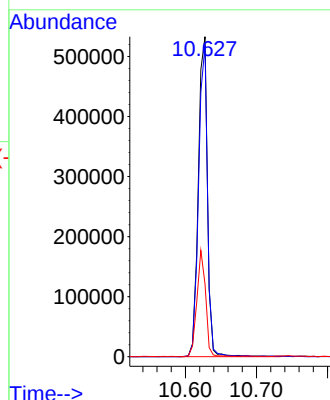
Instrument :
BNA_F
ClientSampled :
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Tgt Ion: 330 Resp: 476708
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 32.0 27.9 41.9

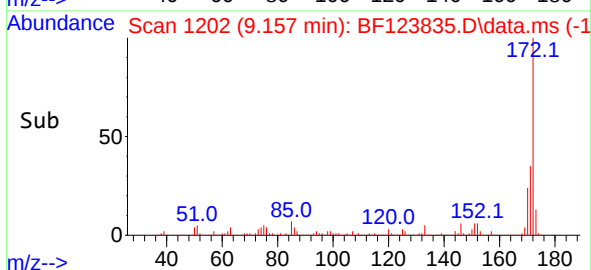
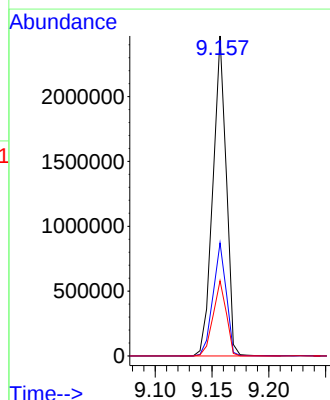
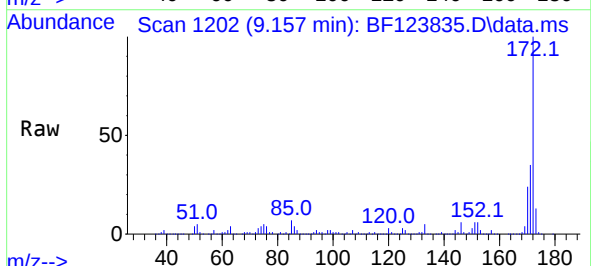
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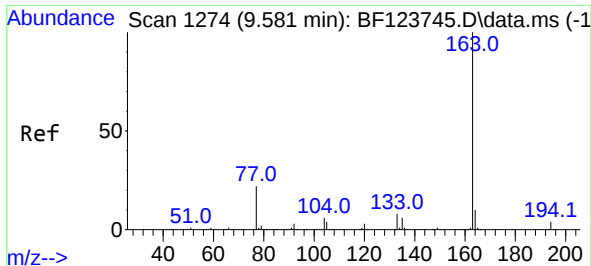
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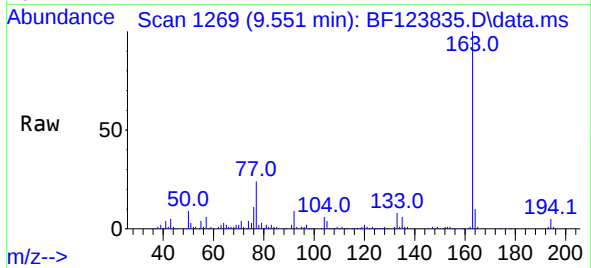
#45
2-Fluorobiphenyl
Concen: 68.40 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion: 172 Resp: 2013069
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 19.2 28.8

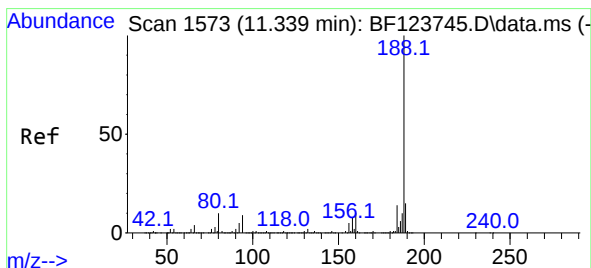
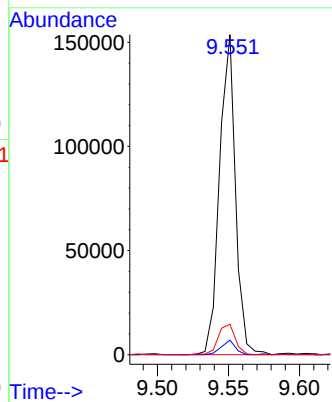
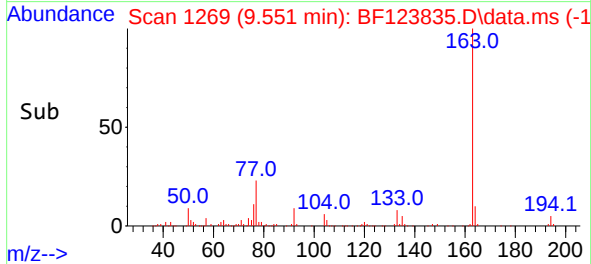




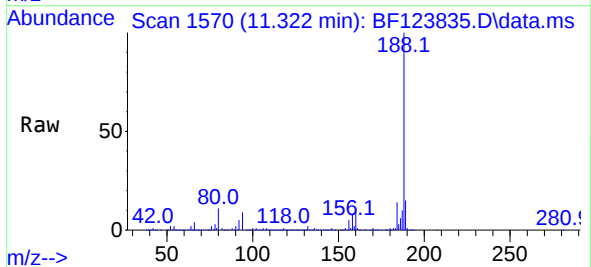
#50
Dimethylphthalate
Concen: 3.97 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



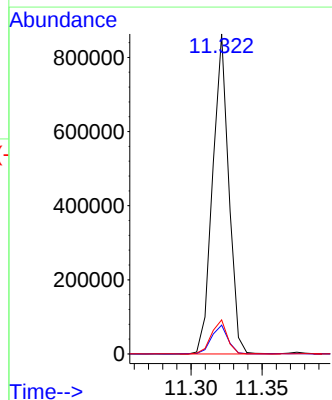
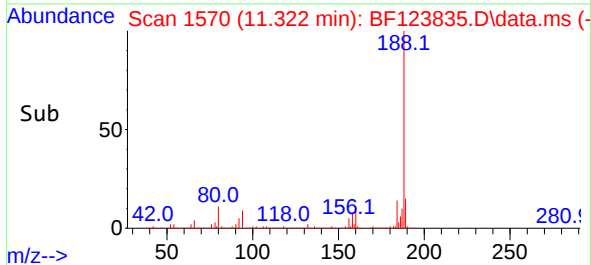
Tgt Ion:163 Resp: 119896
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 9.5 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



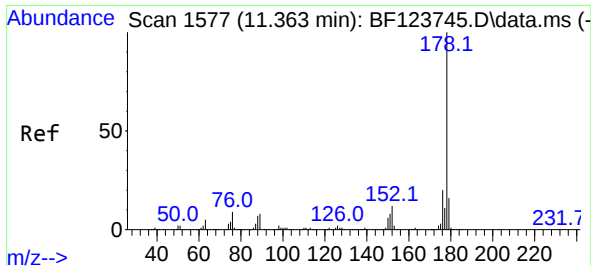
Tgt Ion:188 Resp: 678820
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.6 8.2 12.2



Instrument :
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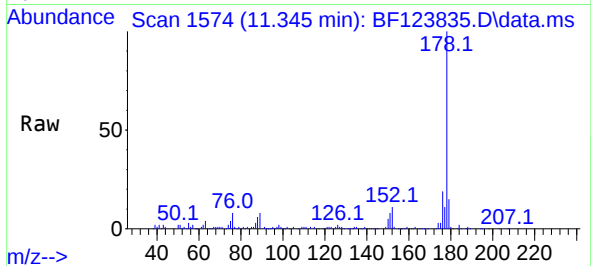
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#71
Phenanthrene
Concen: 2.90 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

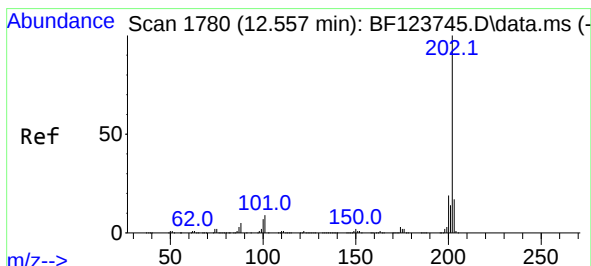
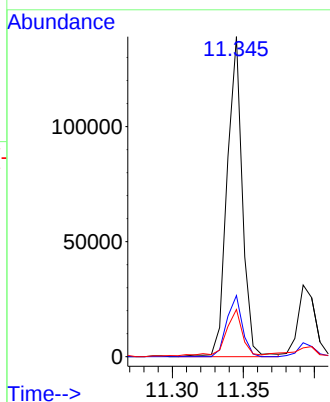
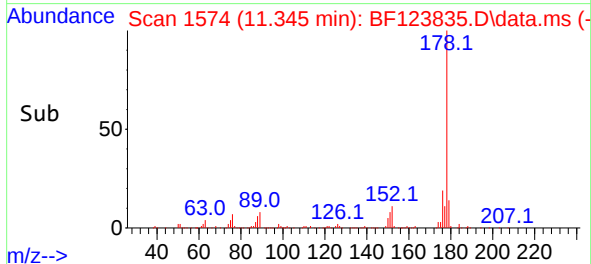
Instrument :
BNA_F
ClientSampled :
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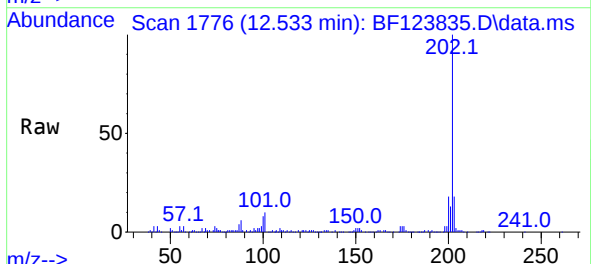
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Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.7 12.5 18.7

Manual Integrations
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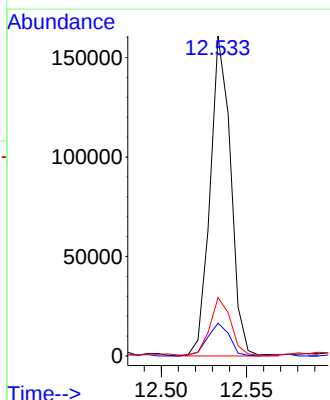
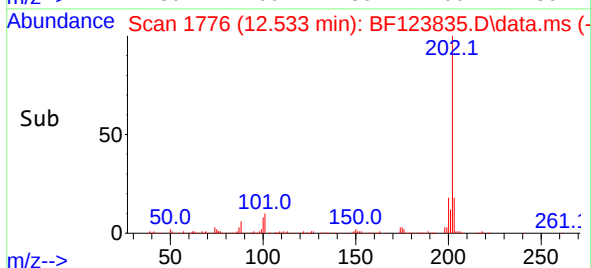
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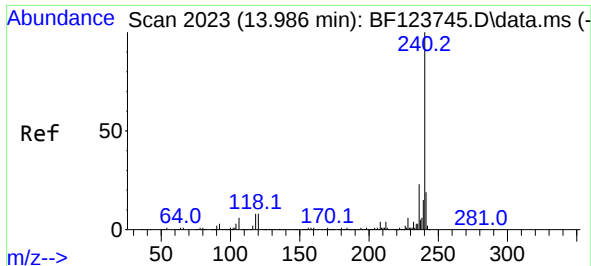


#75
Fluoranthene
Concen: 3.48 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



Tgt Ion:202 Resp: 135282
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 18.3 0.0 37.5





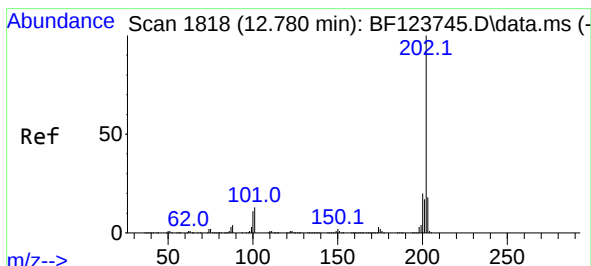
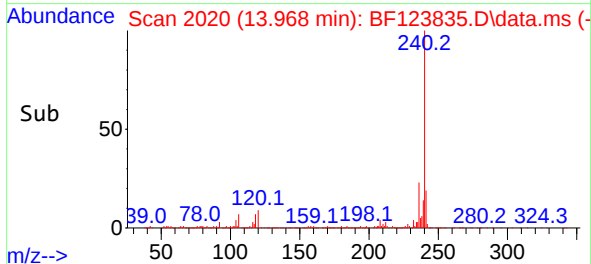
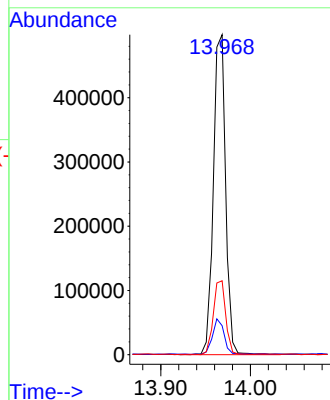
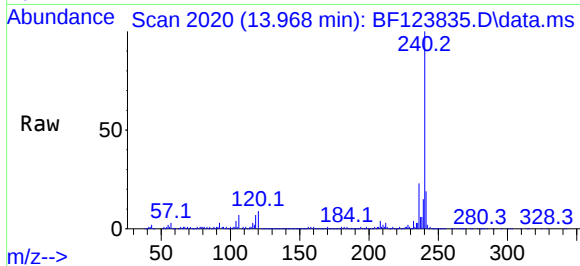
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion:240 Resp: 472685
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 23.1 19.0 28.4

Instrument :
BNA_F
ClientSampled :
EME-17

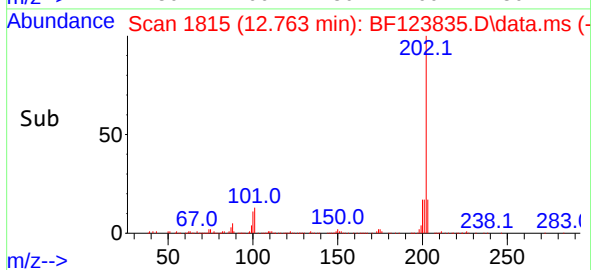
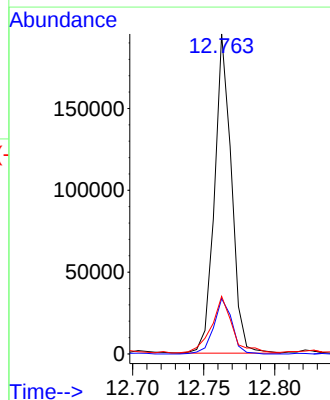
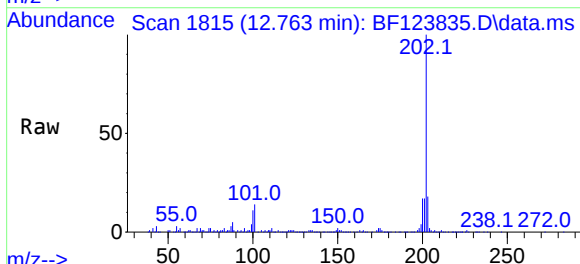
Manual Integrations
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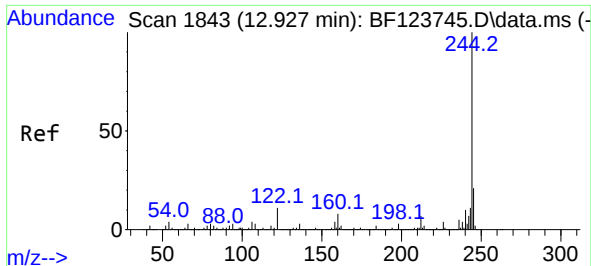
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#78
Pyrene
Concen: 4.40 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion:202 Resp: 161377
Ion Ratio Lower Upper
202 100
200 17.3 16.1 24.1
203 18.0 14.8 22.2





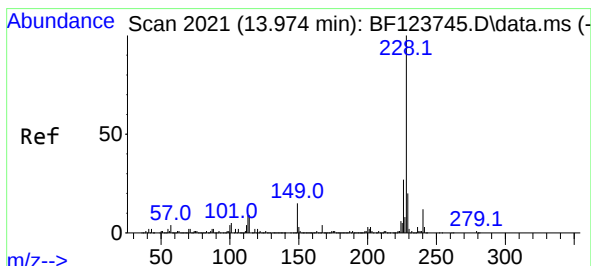
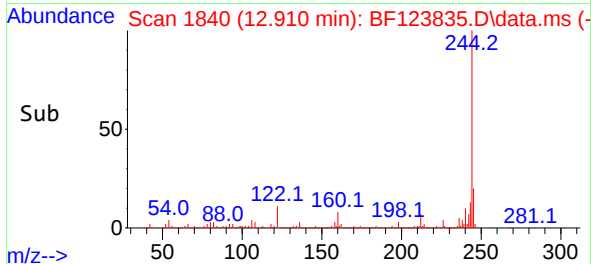
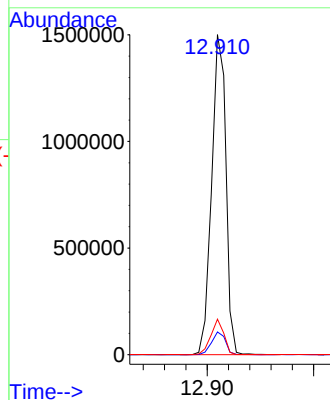
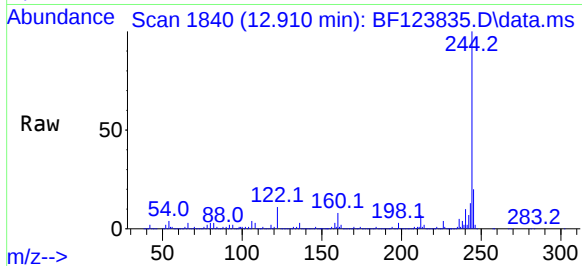
#79
Terphenyl-d14
Concen: 56.97 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion:244 Resp: 1398552
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.1 9.7 14.5

Instrument :
BNA_F
ClientSampleId :
EME-17

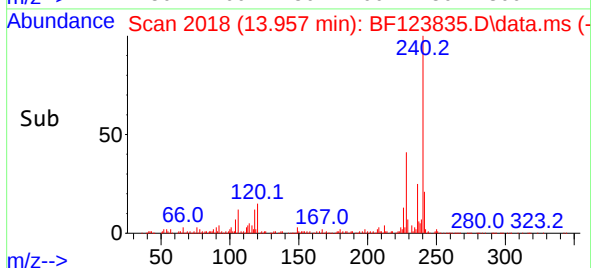
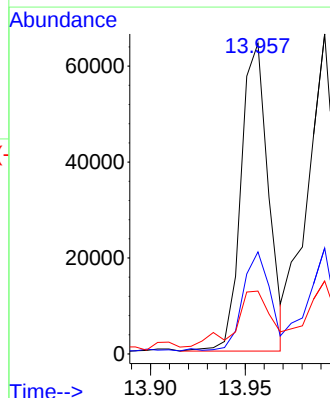
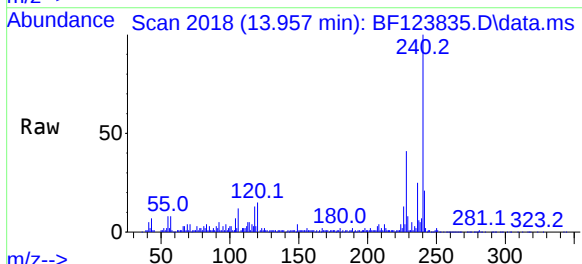
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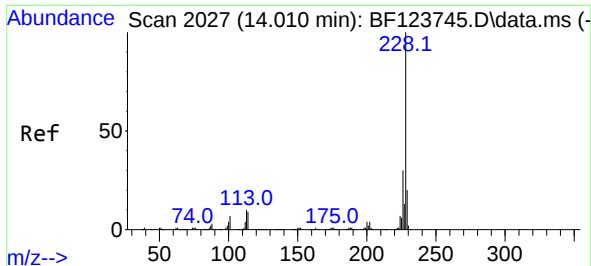
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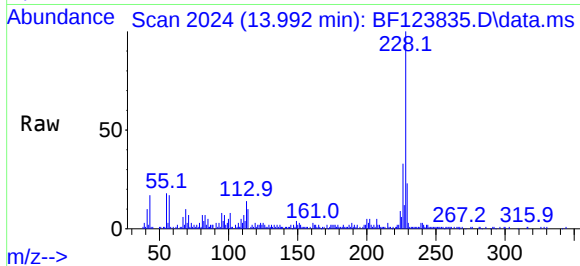
#81
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

Tgt Ion:228 Resp: 64383
Ion Ratio Lower Upper
228 100
226 32.9 22.4 33.6
229 20.2 16.0 24.0

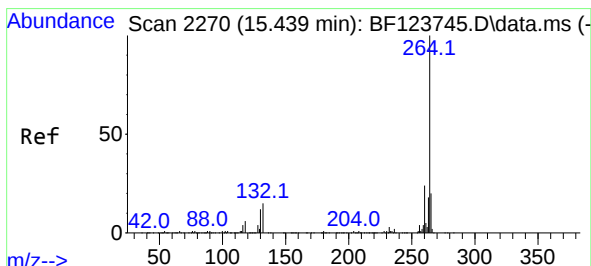
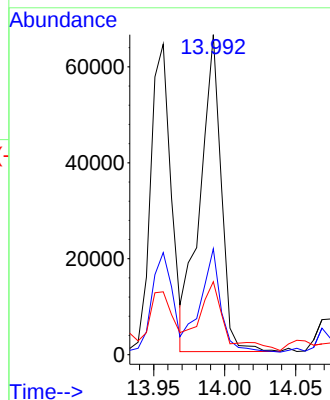
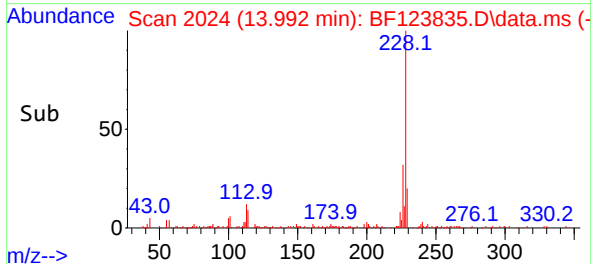




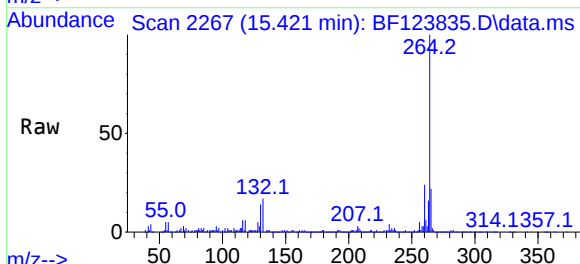
#83
Chrysene
Concen: 2.38 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



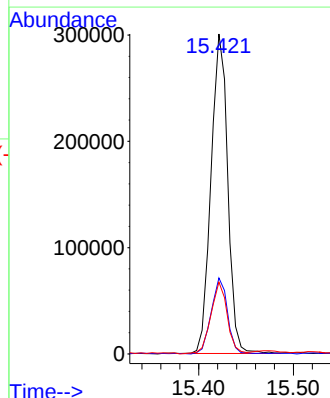
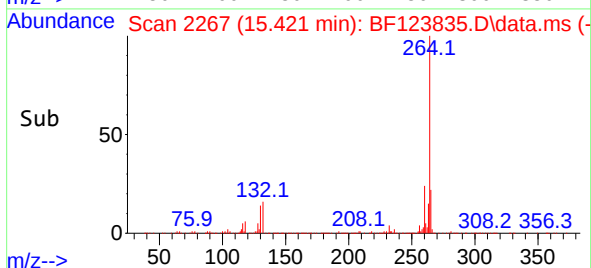
Tgt Ion:228 Resp: 68531
Ion Ratio Lower Upper
228 100
226 33.1 24.3 36.5
229 22.8 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



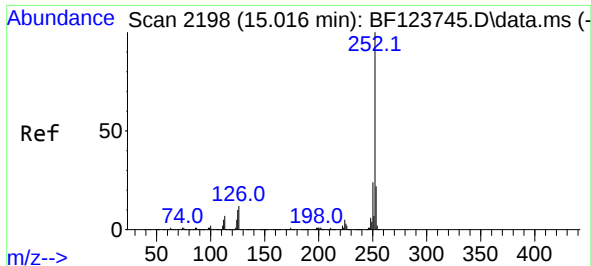
Tgt Ion:264 Resp: 368676
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.4 17.8 26.8



Instrument :
BNA_F
ClientSampled :
EME-17

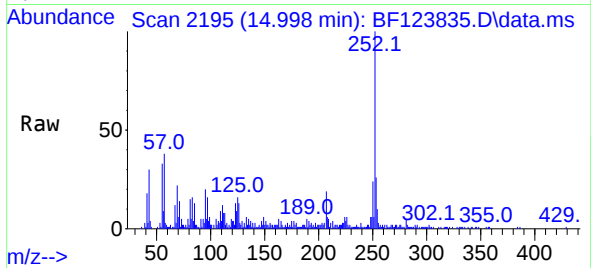
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#88
Benzo(b)fluoranthene
Concen: 2.69 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11

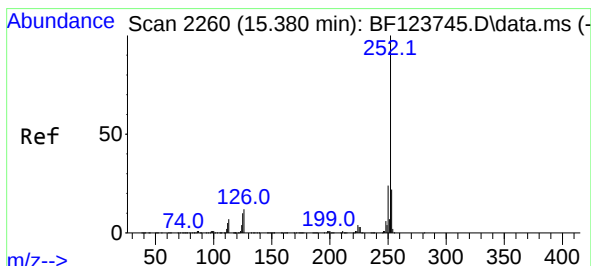
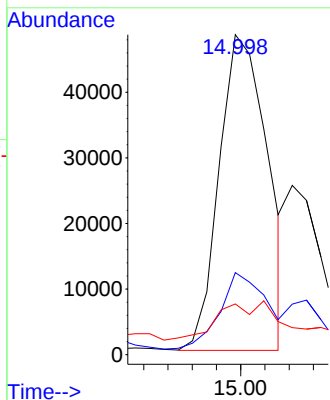
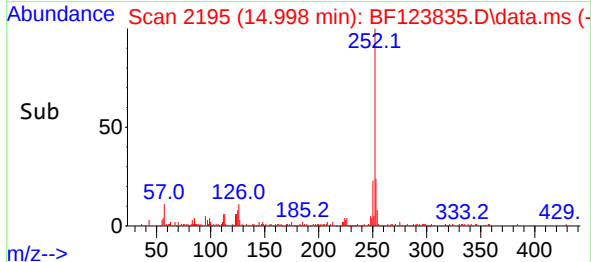
Instrument :
BNA_F
ClientSampled :
EME-17



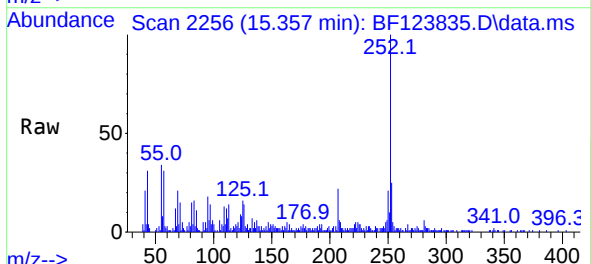
Tgt Ion:252 Resp: 66739
Ion Ratio Lower Upper
252 100
253 25.7 18.1 27.1
125 15.8 6.2 9.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF123835.D
Acq: 5 May 2021 19:11



Tgt Ion:252 Resp: 50927
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 16.0 8.0 12.0#

