

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123834.D
 Acq On : 5 May 2021 18:39
 Operator : JU/CG
 Sample : M2279-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-16

Manual Integrations
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Quant Time: May 06 00:50:42 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	237327	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	917364	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	446522	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	756900	20.00	ng	0.00
76) Chrysene-d12	13.968	240	507314	20.00	ng	0.00
86) Perylene-d12	15.421	264	422828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1330385	88.81	ng	0.00
7) Phenol-d6	6.434	99	1757229	85.15	ng	0.00
23) Nitrobenzene-d5	7.357	82	1199257	59.01	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	443401	79.77	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1825025	59.52	ng	0.00
79) Terphenyl-d14	12.910	244	1393631	52.90	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	119549	3.80	ng	98
71) Phenanthrene	11.345	178	169343	4.27	ng	100
75) Fluoranthene	12.533	202	141976	3.28	ng	99
78) Pyrene	12.763	202	185845	4.72	ng	98
81) Benzo(a)anthracene	13.957	228	72932	2.37	ng	95
83) Chrysene	13.992	228	78841	2.55	ng	100
88) Benzo(b)fluoranthene	14.998	252	66834m	2.35	ng	
90) Benzo(a)pyrene	15.356	252	53103	2.18	ng	# 95

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

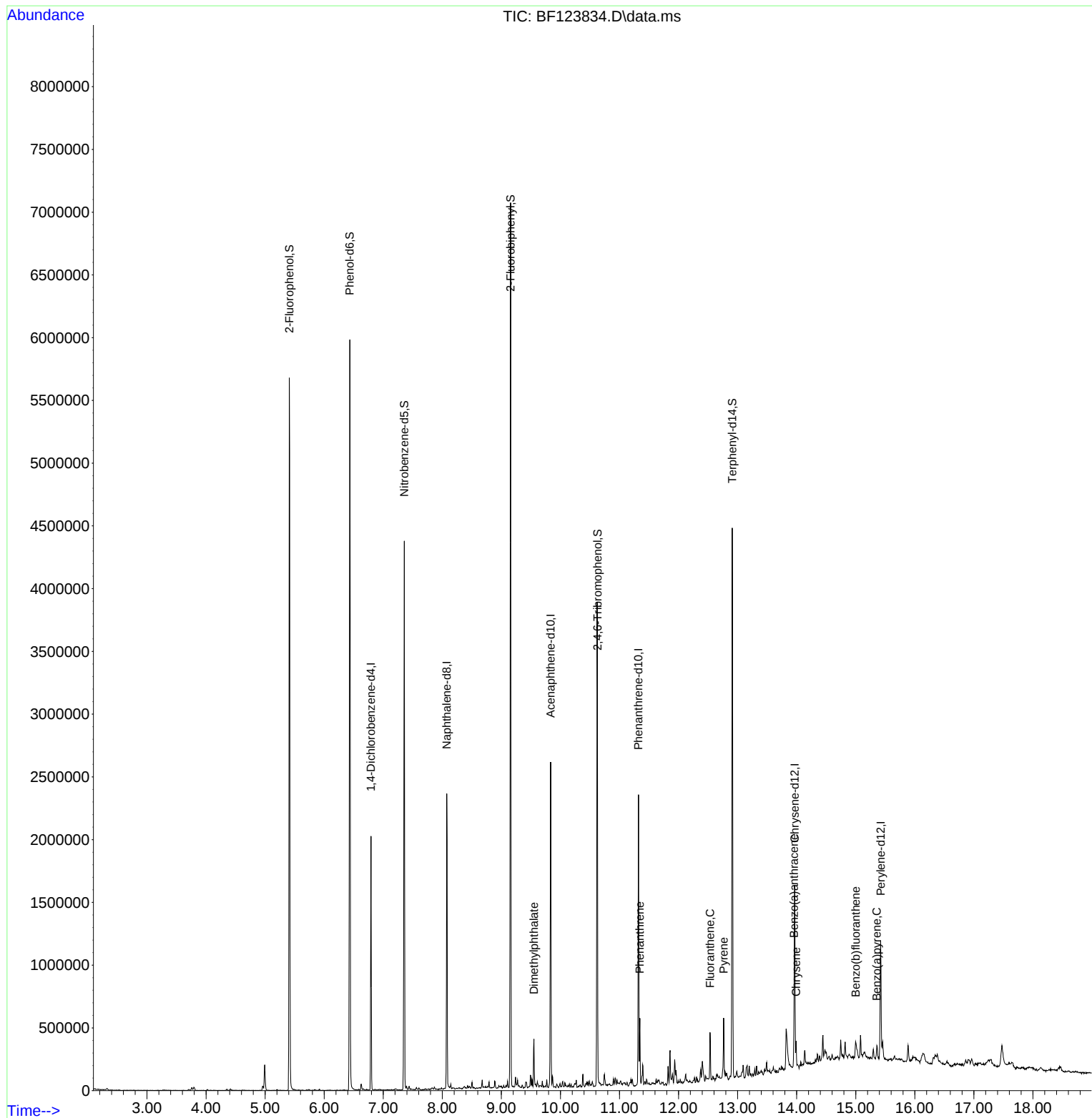
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123834.D
Acq On : 5 May 2021 18:39
Operator : JU/CG
Sample : M2279-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

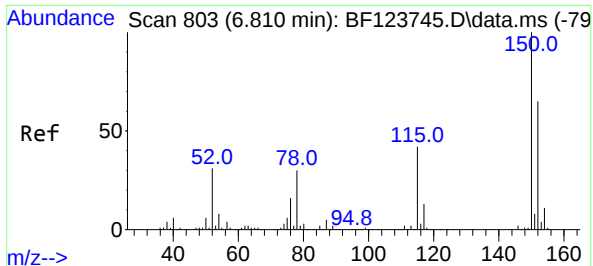
Instrument :
BNA_F
ClientSampleId :
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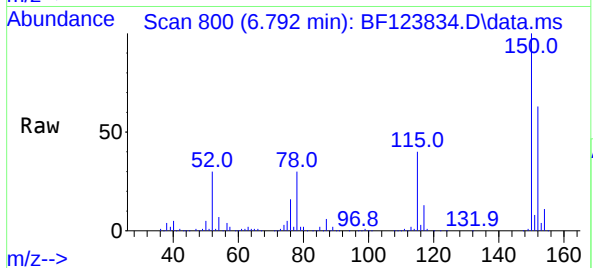
Quant Time: May 06 00:50:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

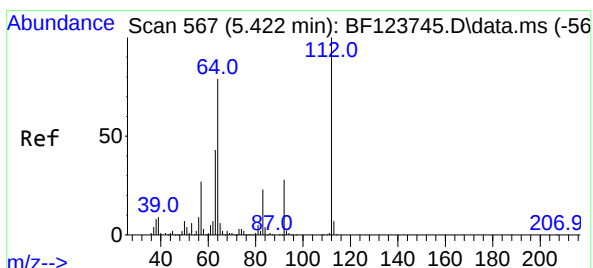
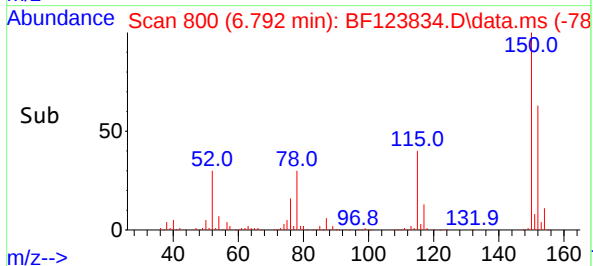
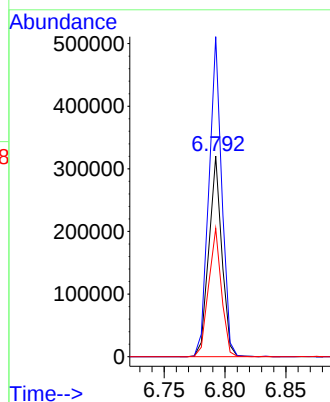
Instrument :
BNA_F
ClientSampled :
EME-16



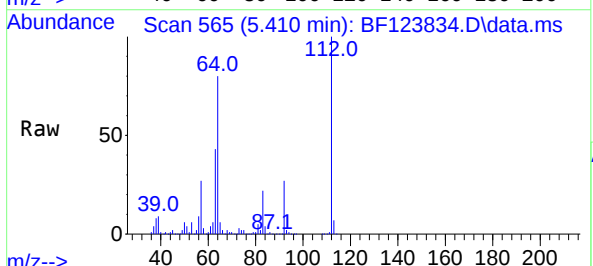
Tgt Ion:152 Resp: 237327
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 64.0 54.3 81.5

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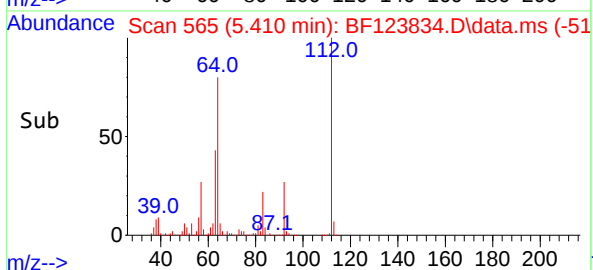
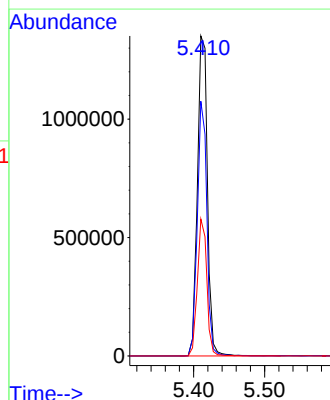
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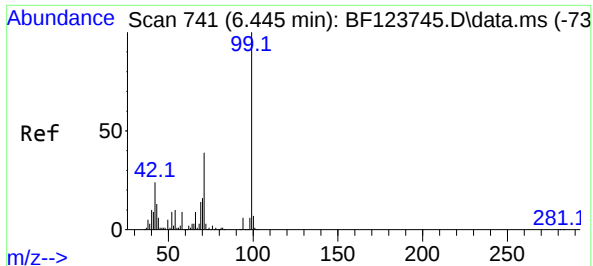


#5
2-Fluorophenol
Concen: 88.81 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39



Tgt Ion:112 Resp: 1330385
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 42.8 33.0 49.4





#7
Phenol-d6
Concen: 85.15 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

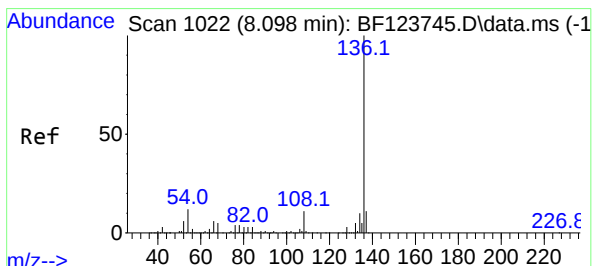
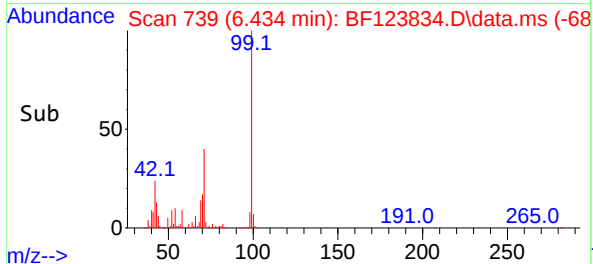
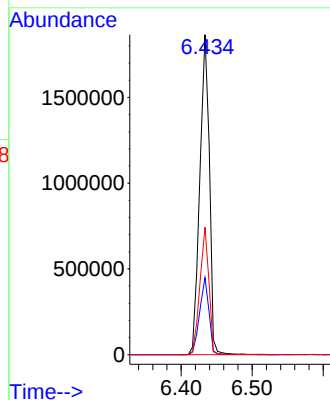
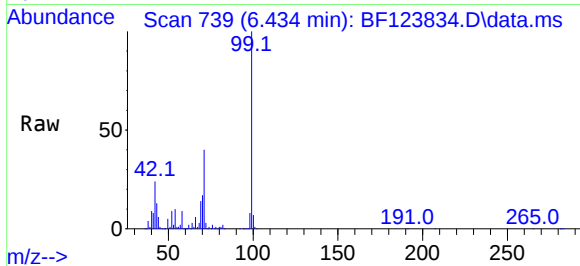
Tgt Ion: 99 Resp: 1757229

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.8
71	39.8	31.1	46.7

Instrument :
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ClientSampleId :
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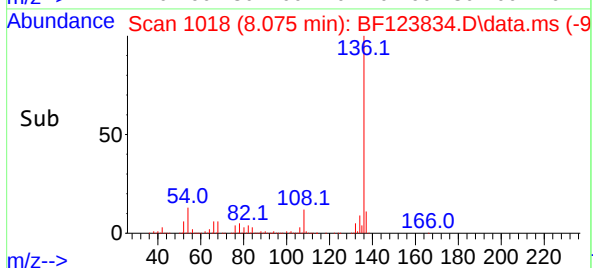
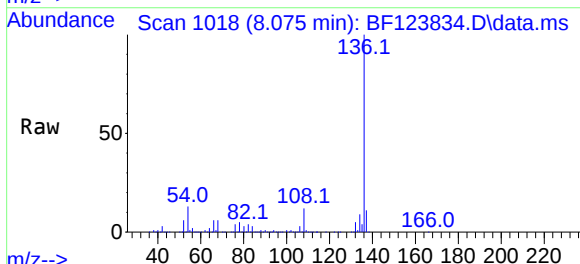
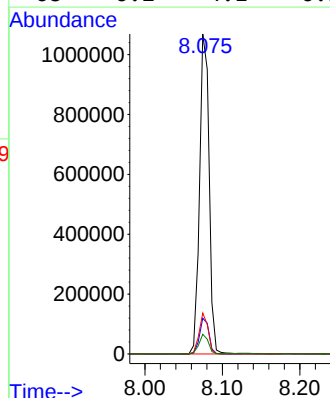
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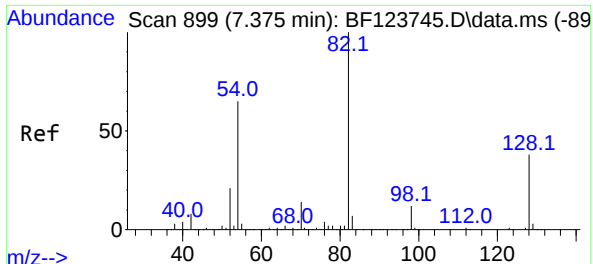


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

Tgt Ion: 136 Resp: 917364

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.8	9.8	14.6
68	6.2	4.1	6.1





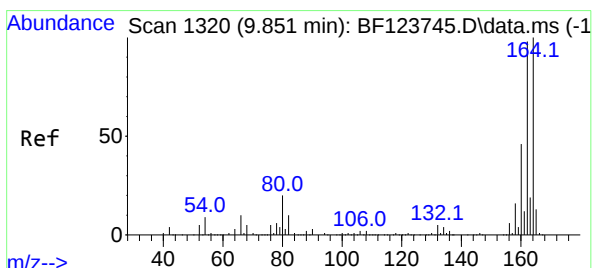
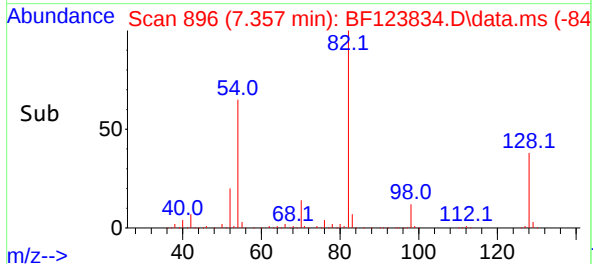
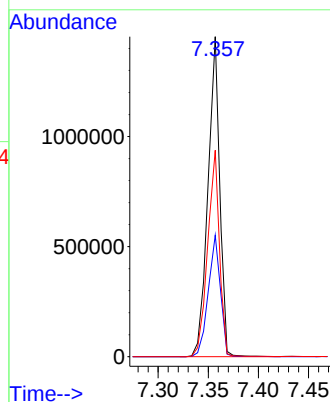
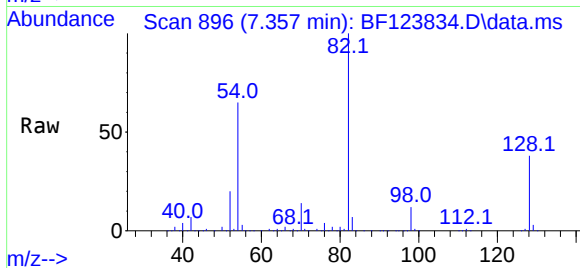
#23
Nitrobenzene-d5
Concen: 59.01 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

Tgt Ion: 82 Resp: 1199257
Ion Ratio Lower Upper
82 100
128 38.0 29.4 44.2
54 64.5 54.1 81.1

Instrument :
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ClientSampled :
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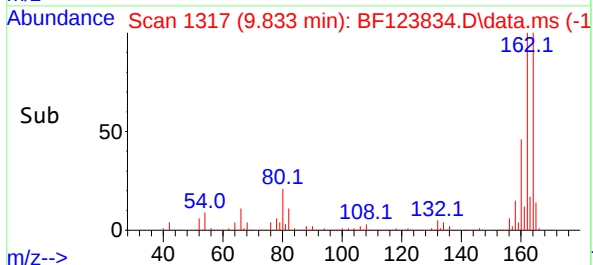
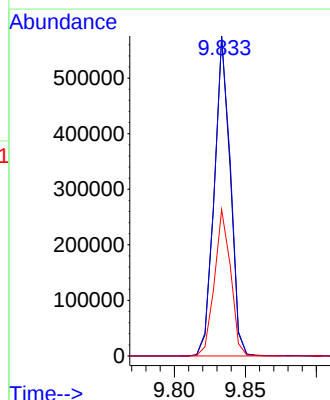
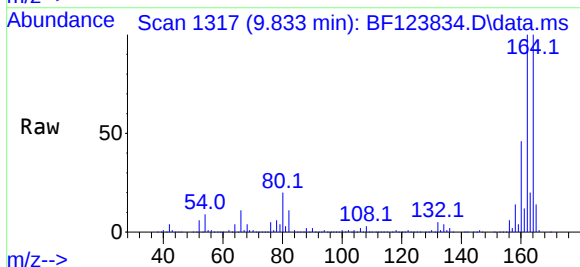
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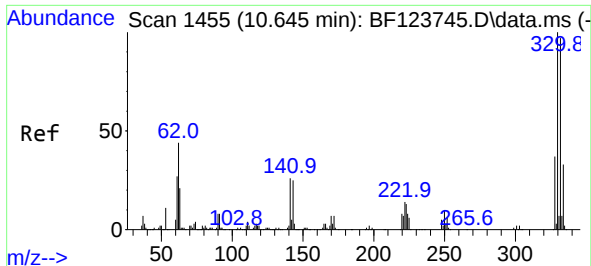
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

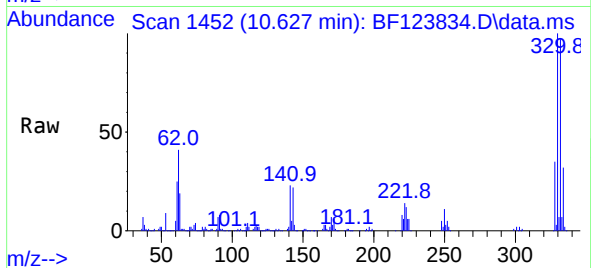
Tgt Ion:164 Resp: 446522
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 45.7 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 79.77 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

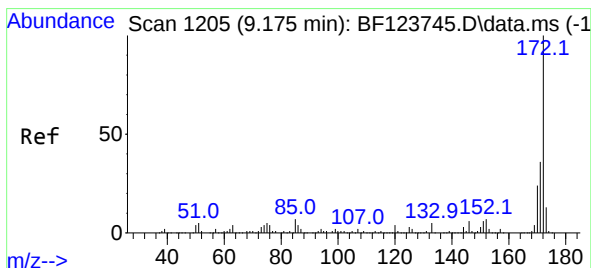
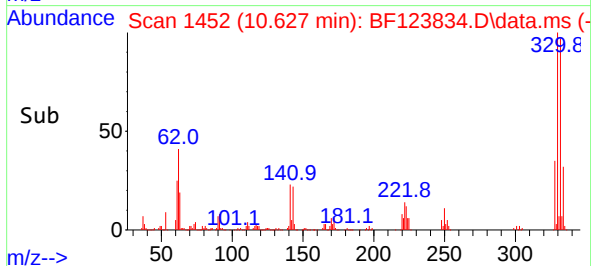
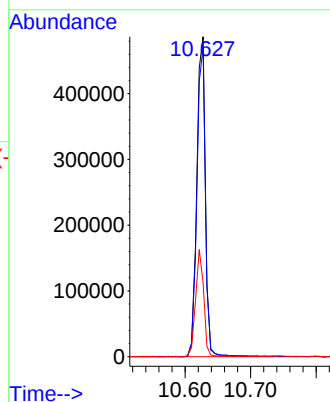
Instrument :
BNA_F
ClientSampled :
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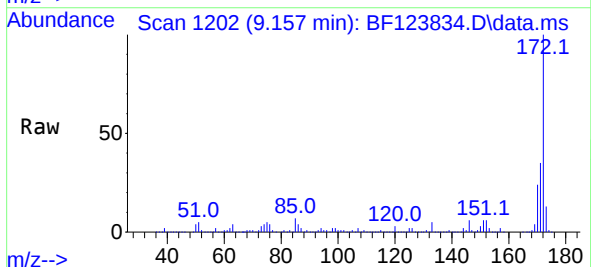
Tgt Ion:330 Resp: 443401
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 31.7 27.9 41.9

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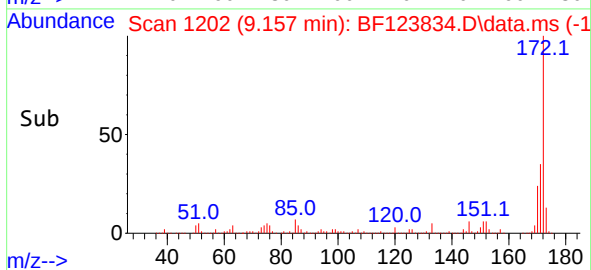
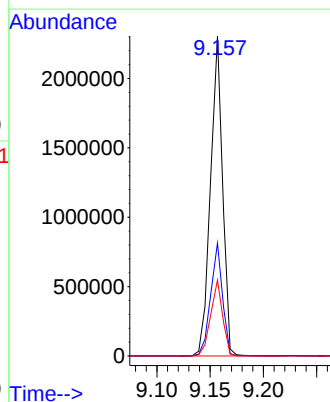
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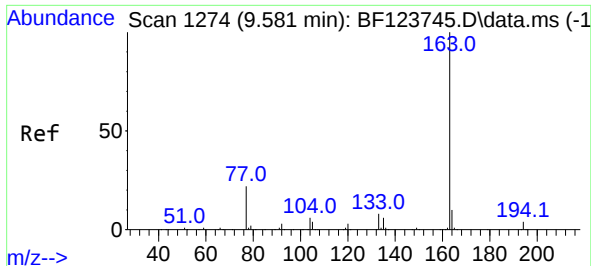


#45
2-Fluorobiphenyl
Concen: 59.52 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

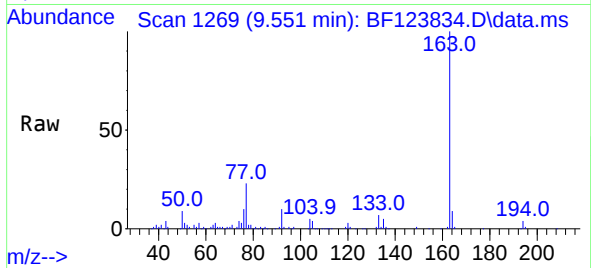


Tgt Ion:172 Resp: 1825025
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 19.2 28.8

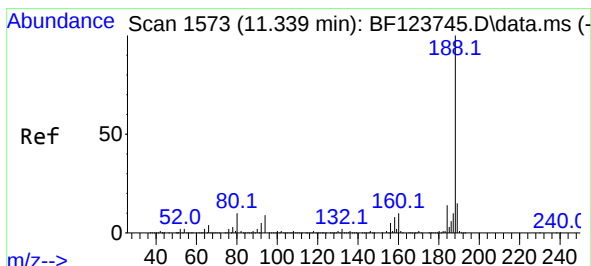
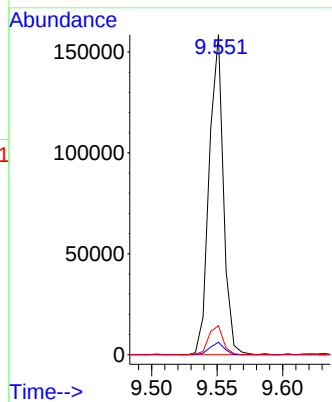
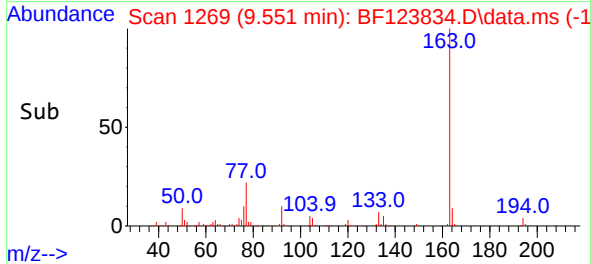




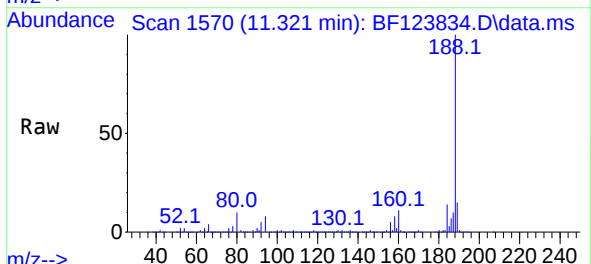
#50
Dimethylphthalate
Concen: 3.80 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39



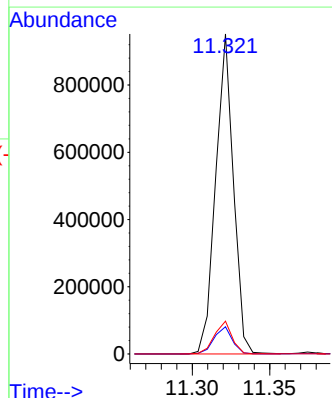
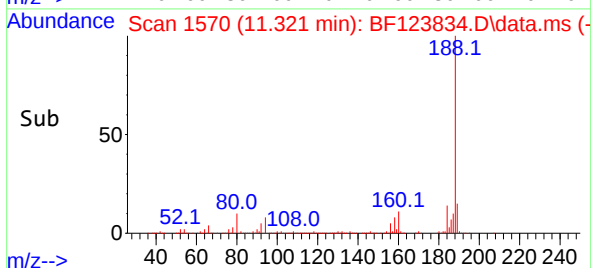
Tgt Ion:163 Resp: 119549
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.1 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39



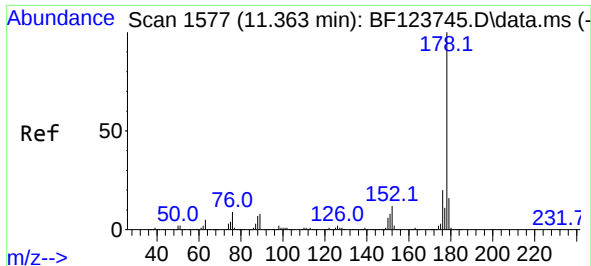
Tgt Ion:188 Resp: 756900
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.3 8.2 12.2



Instrument :
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EME-16

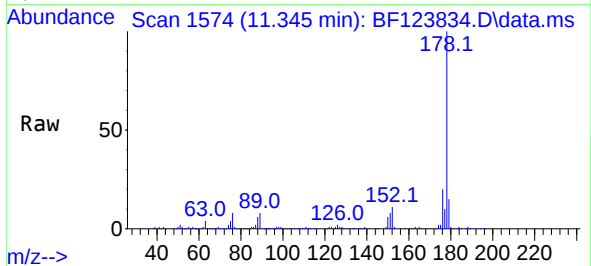
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#71
Phenanthrene
Concen: 4.27 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

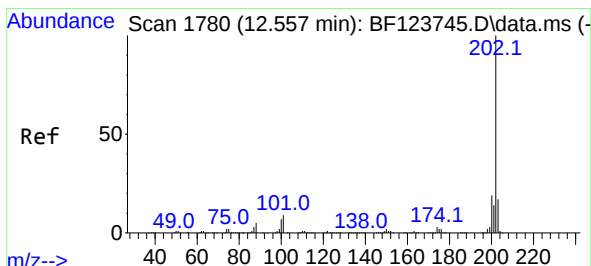
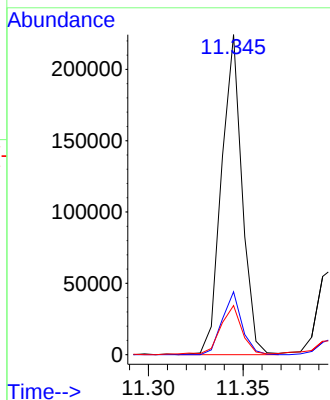
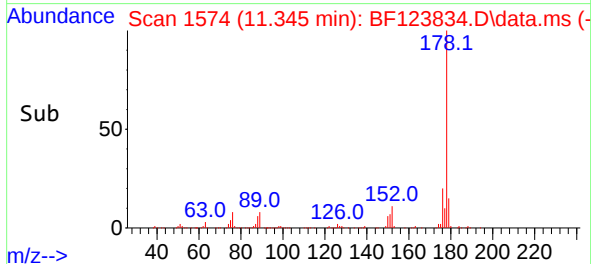
Instrument :
BNA_F
ClientSampled :
EME-16



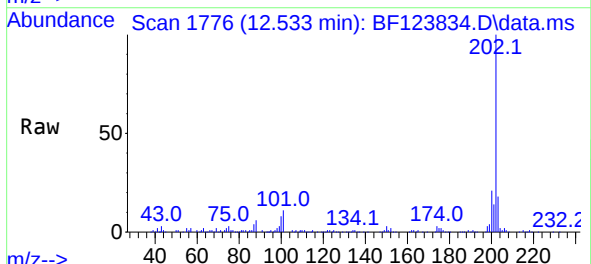
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Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.4 12.5 18.7

Manual Integrations
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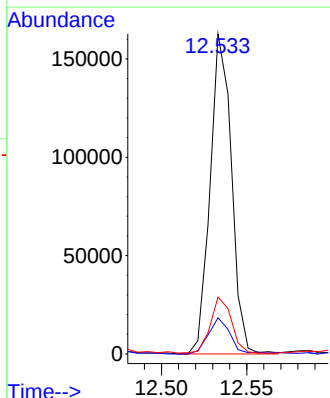
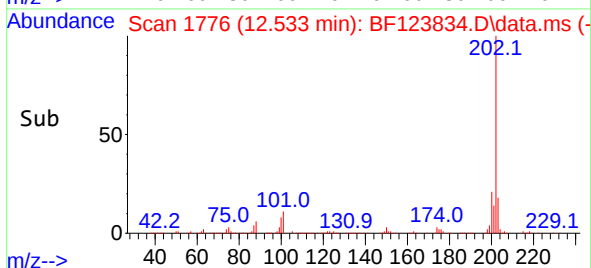
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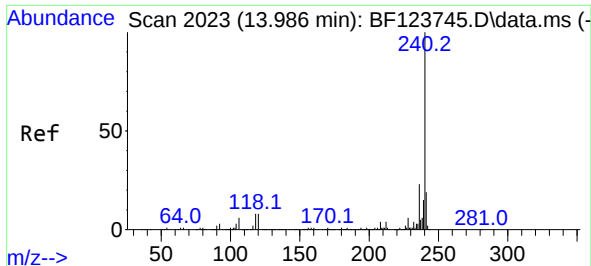


#75
Fluoranthene
Concen: 3.28 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39



Tgt Ion:202 Resp: 141976
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 17.8 0.0 37.5





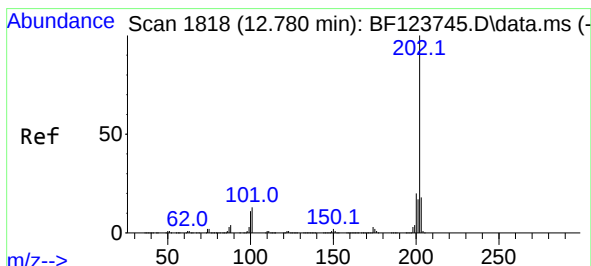
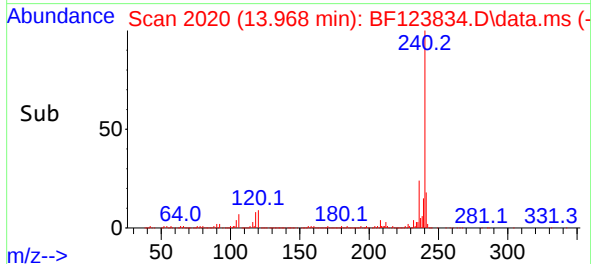
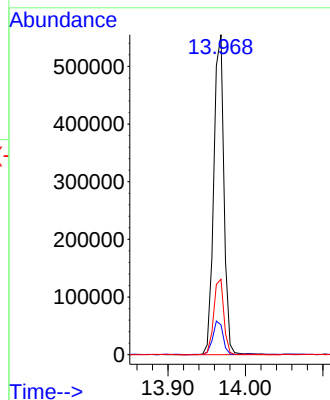
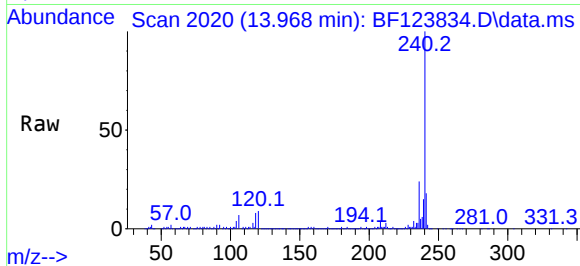
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

Tgt Ion:240 Resp: 507314
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 23.6 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
EME-16

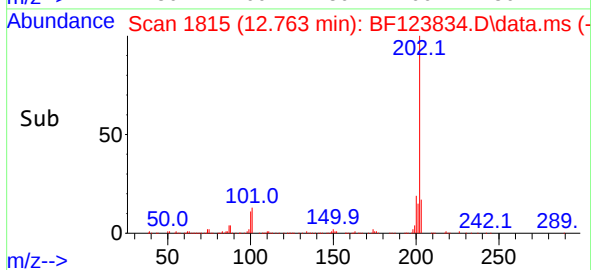
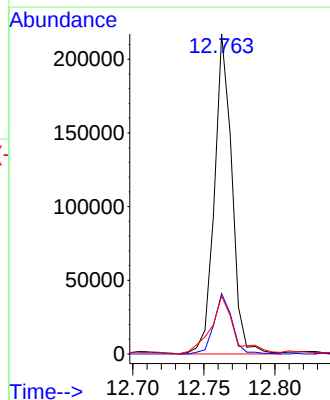
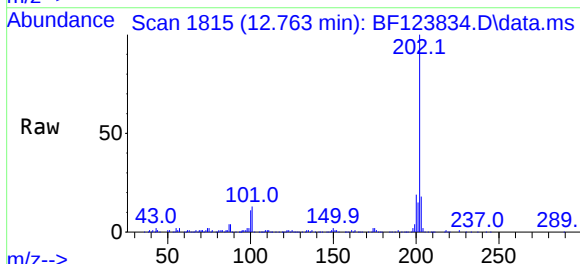
Manual Integrations
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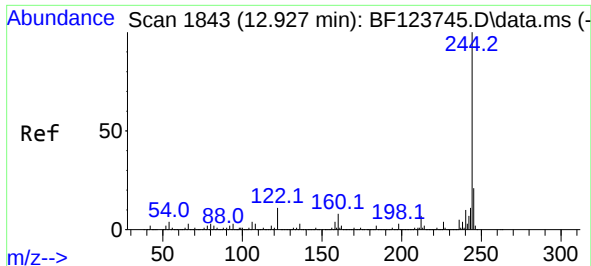
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#78
Pyrene
Concen: 4.72 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

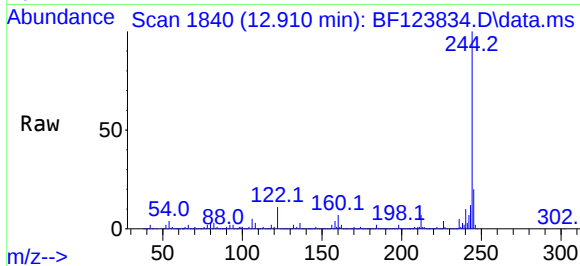
Tgt Ion:202 Resp: 185845
Ion Ratio Lower Upper
202 100
200 18.8 16.1 24.1
203 18.1 14.8 22.2





#79
Terphenyl-d14
Concen: 52.90 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

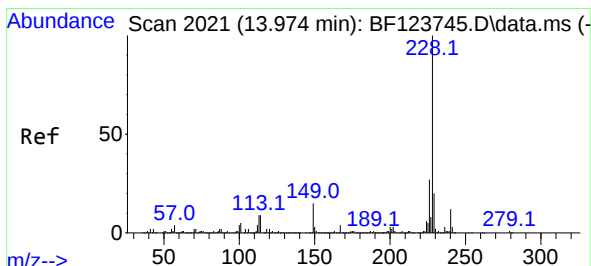
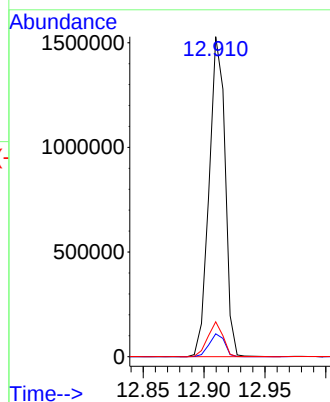
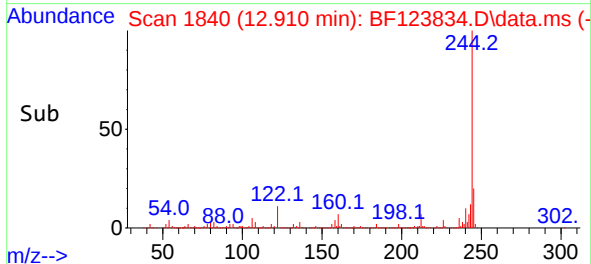
Instrument :
BNA_F
ClientSampled :
EME-16



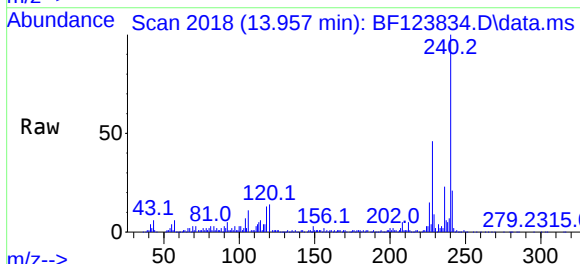
Tgt Ion:244 Resp: 1393631
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.9 9.7 14.5

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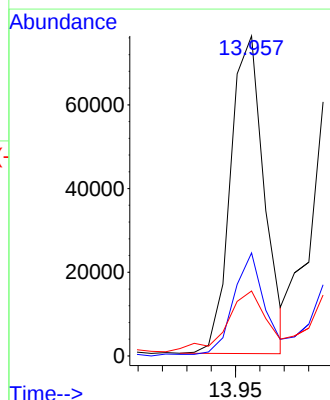
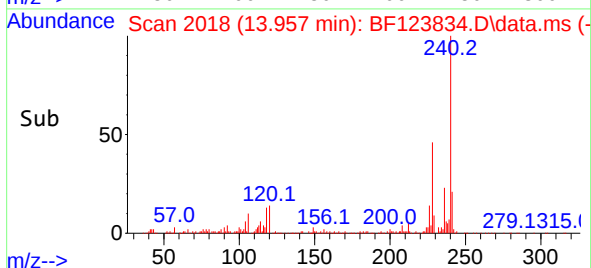
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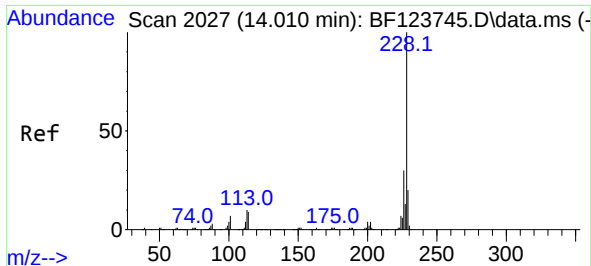


#81
Benzo(a)anthracene
Concen: 2.37 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

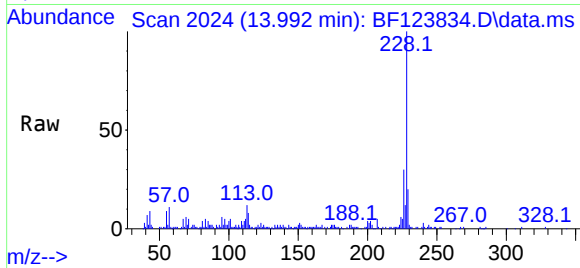


Tgt Ion:228 Resp: 72932
Ion Ratio Lower Upper
228 100
226 32.2 22.4 33.6
229 20.3 16.0 24.0





#83
Chrysene
Concen: 2.55 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

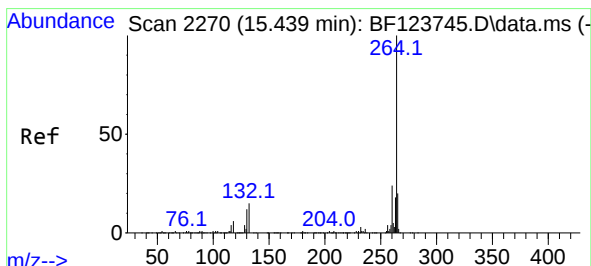
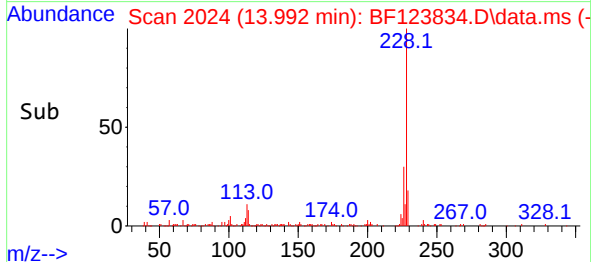
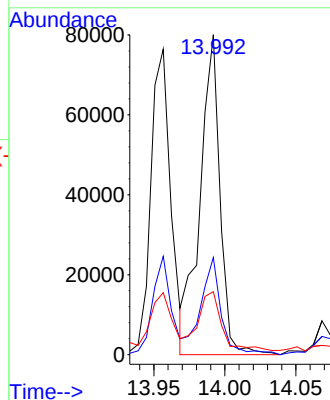


Tgt Ion:228 Resp: 78841
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.7 16.2 24.2

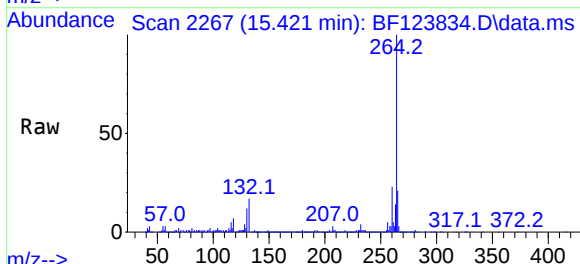
Instrument :
BNA_F
ClientSampled :
EME-16

Manual Integrations
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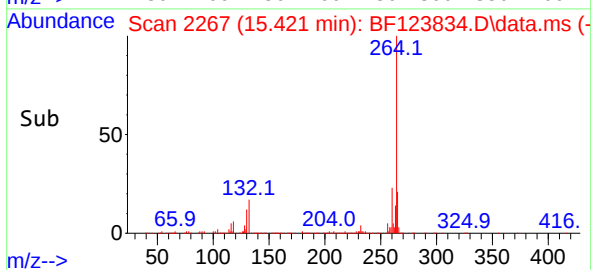
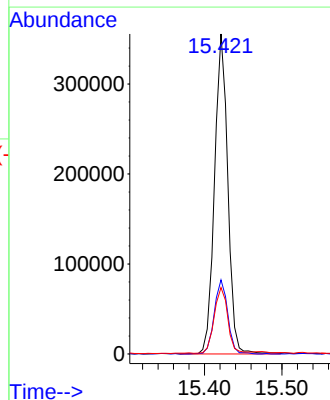
mohammad
5/6/2021 4:51:00 PM

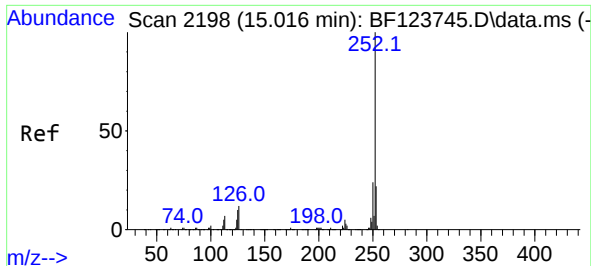


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39



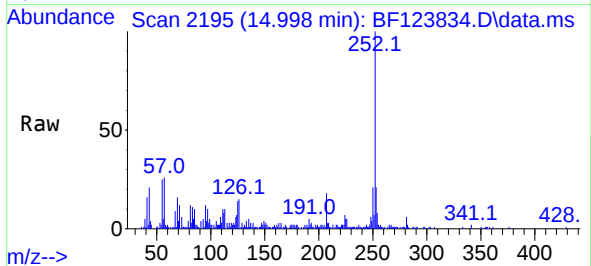
Tgt Ion:264 Resp: 422828
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.8 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 2.35 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

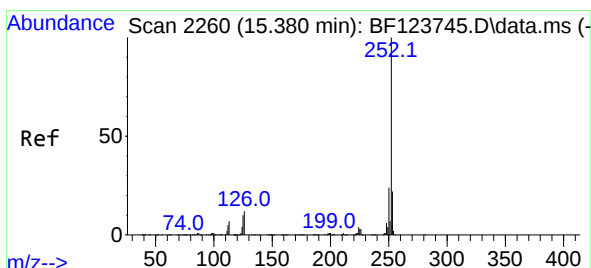
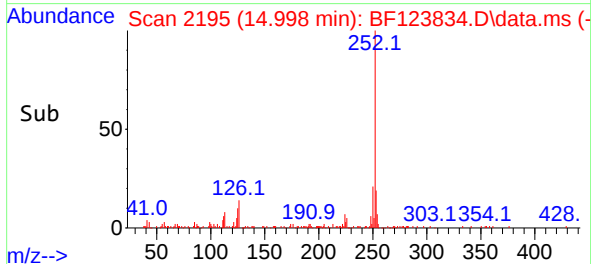
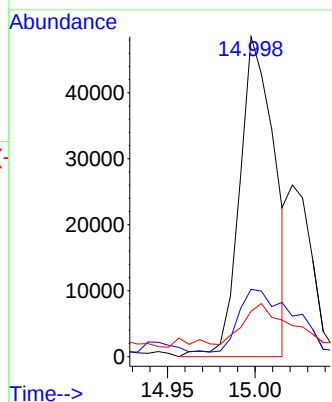
Instrument :
BNA_F
ClientSampled :
EME-16



Tgt Ion:252 Resp: 66834
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 14.2 6.2 9.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.18 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF123834.D
Acq: 5 May 2021 18:39

Tgt Ion:252 Resp: 53103
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.7 8.0 12.0#

