

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123841.D
 Acq On : 5 May 2021 22:22
 Operator : JU/CG
 Sample : M2279-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-13

Manual Integrations
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Quant Time: May 06 00:52:08 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	6.793	152	262007	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	990256	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	442688	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	695511	20.00	ng	0.00
76) Chrysene-d12	13.969	240	474272	20.00	ng	0.00
86) Perylene-d12	15.427	264	348248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1141350	69.01	ng	0.00
7) Phenol-d6	6.434	99	1496049	65.67	ng	0.00
23) Nitrobenzene-d5	7.357	82	1021865	46.58	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	328685	59.64	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1540683	50.68	ng	0.00
79) Terphenyl-d14	12.910	244	1212713	49.24	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.551	163	78882	2.53	ng	# 95
71) Phenanthrene	11.345	178	263708	7.23	ng	98
72) Anthracene	11.398	178	86733	2.39	ng	98
75) Fluoranthene	12.539	202	391881	9.85	ng	99
78) Pyrene	12.769	202	458085	12.44	ng	99
81) Benzo(a)anthracene	13.957	228	193501	6.73	ng	97
83) Chrysene	13.992	228	173116	5.99	ng	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	61356	3.03	ng	96
88) Benzo(b)fluoranthene	15.004	252	167204m	7.12	ng	
89) Benzo(k)fluoranthene	15.027	252	49195m	2.20	ng	
90) Benzo(a)pyrene	15.363	252	124892	6.22	ng	# 94
92) Benzo(g,h,i)perylene	17.304	276	62755	3.66	ng	# 94

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

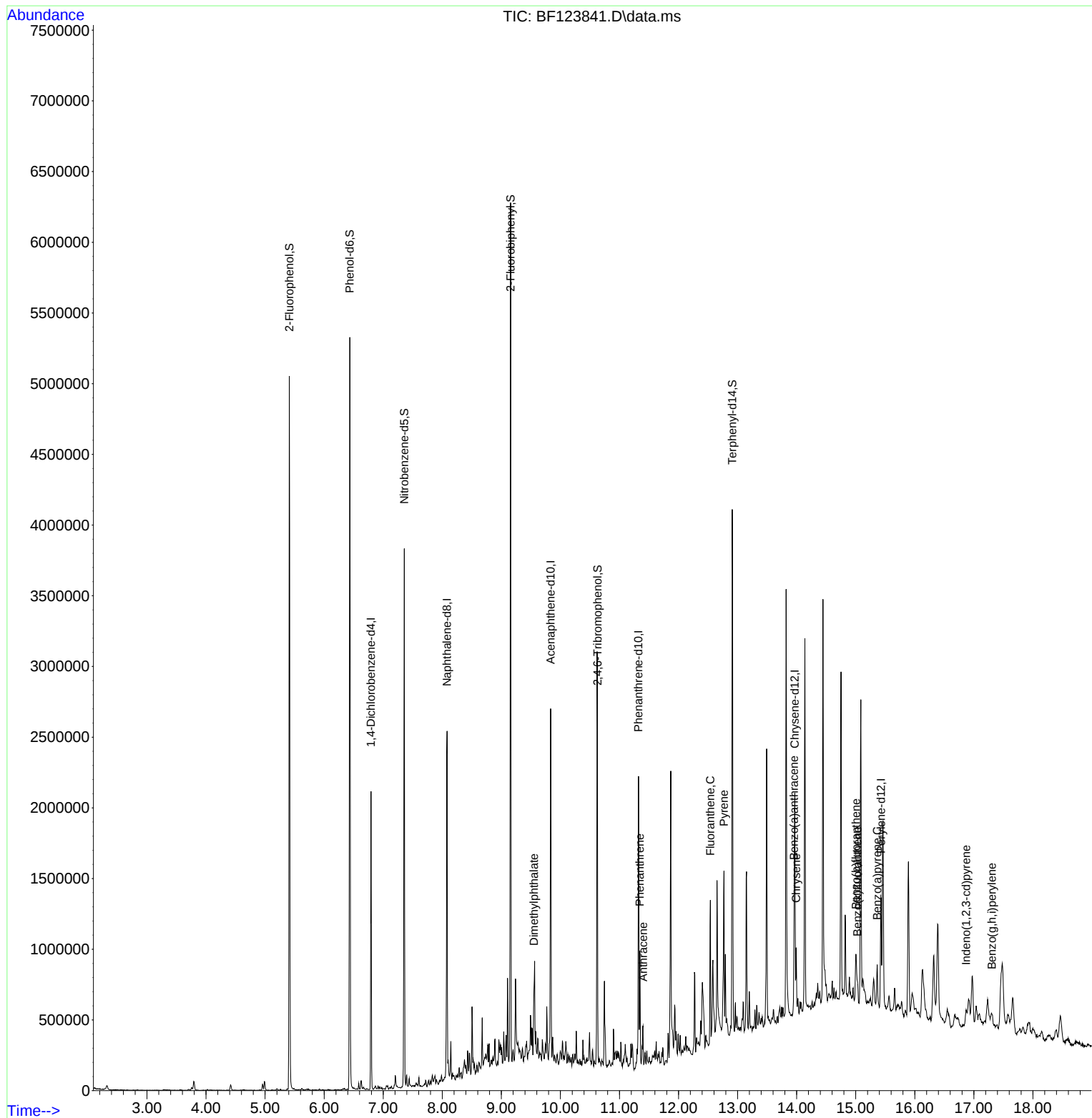
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
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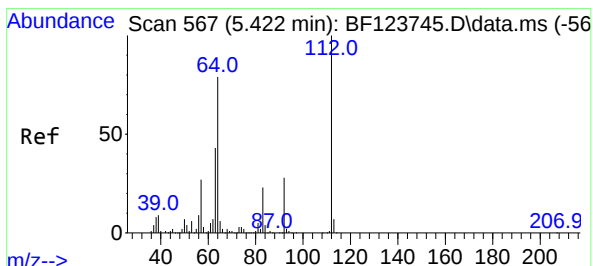
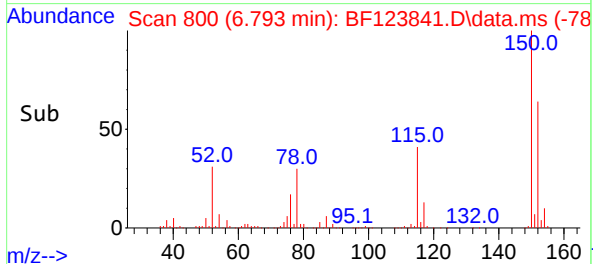
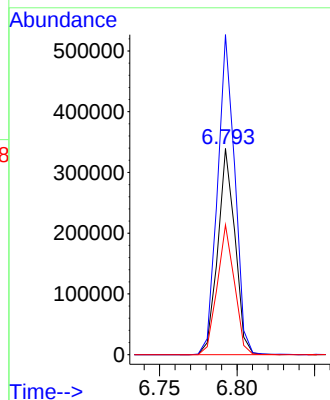
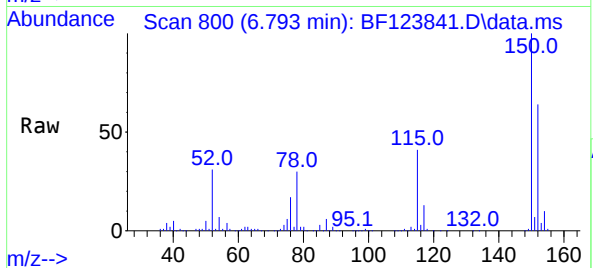
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:152 Resp: 262007
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 63.0 54.3 81.5

Instrument :
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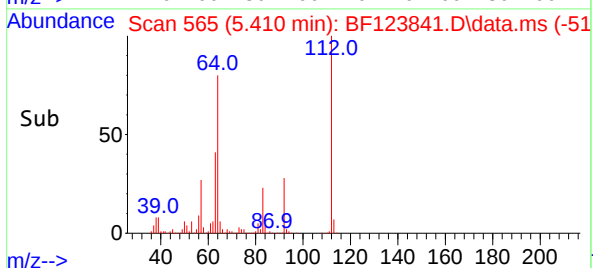
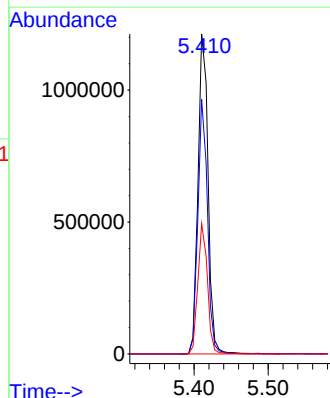
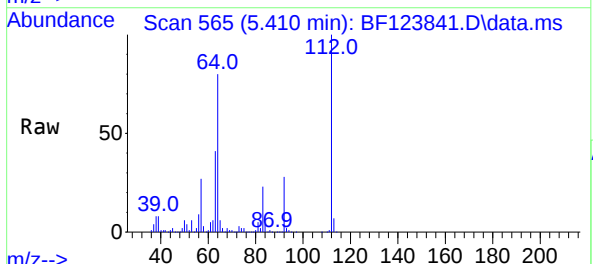
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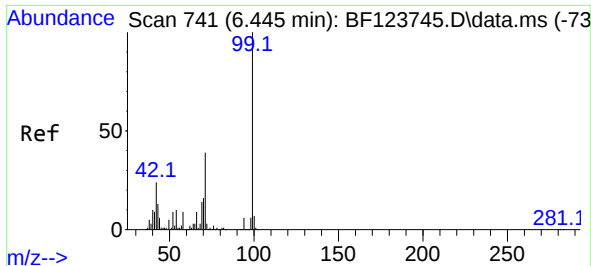
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#5
2-Fluorophenol
Concen: 69.01 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

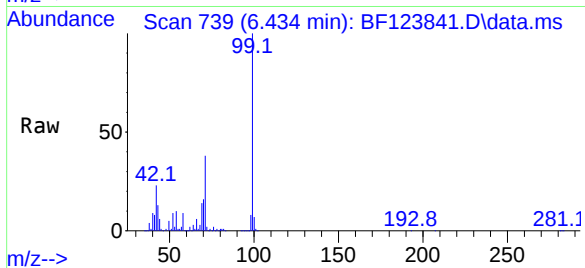
Tgt Ion:112 Resp: 1141350
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 40.7 33.0 49.4





#7
Phenol-d6
Concen: 65.67 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Instrument :
BNA_F
ClientSampled :
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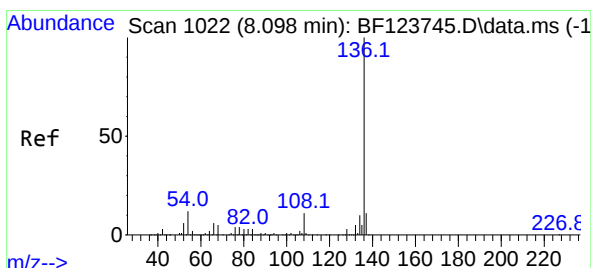
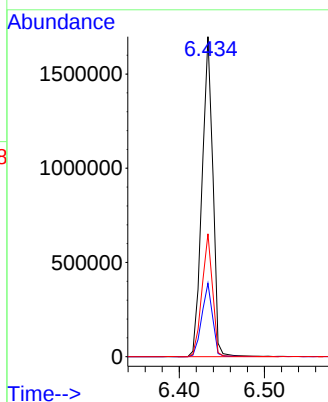
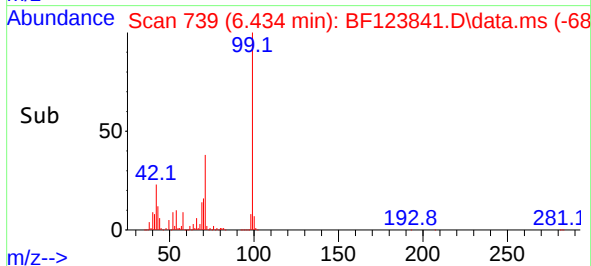


Tgt Ion: 99 Resp: 1496049

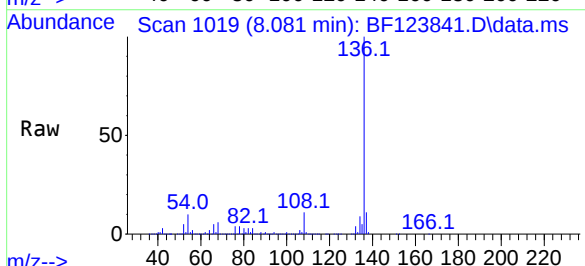
Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.8	29.8
71	38.4	31.1	46.7

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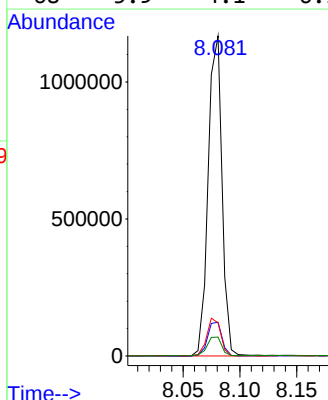
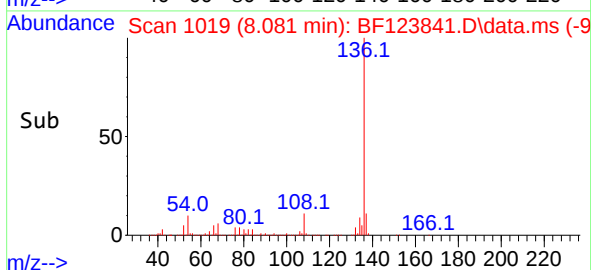


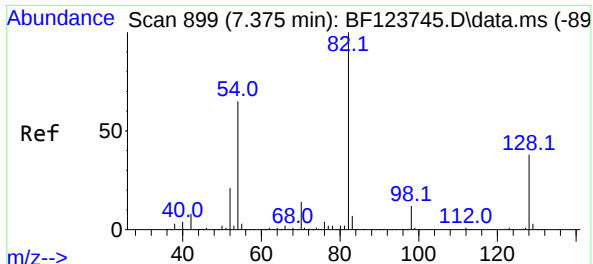
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



Tgt Ion: 136 Resp: 990256

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.4	9.8	14.6
68	5.9	4.1	6.1





#23
Nitrobenzene-d5
Concen: 46.58 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

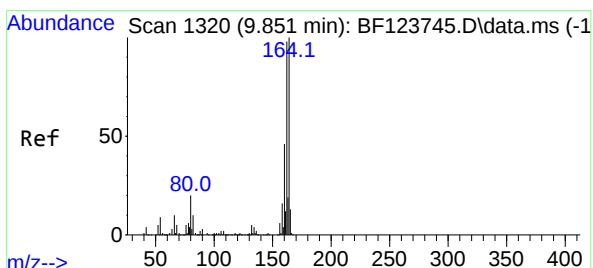
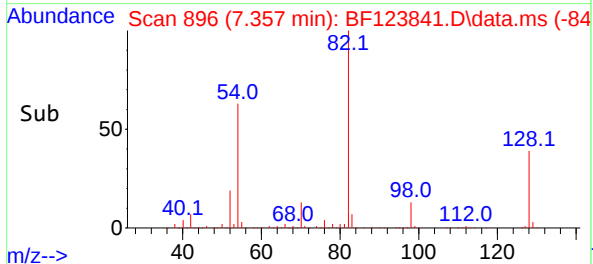
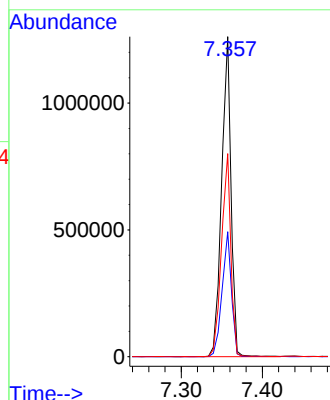
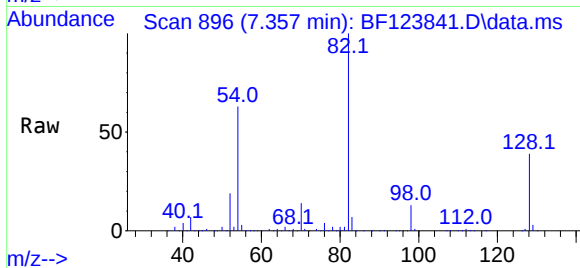
Tgt Ion: 82 Resp: 1021865

Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.4	44.2
54	63.4	54.1	81.1

Instrument :
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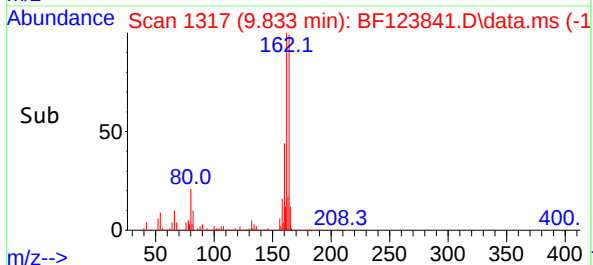
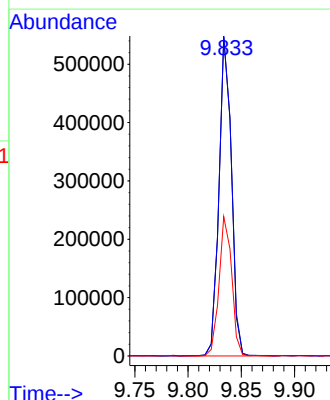
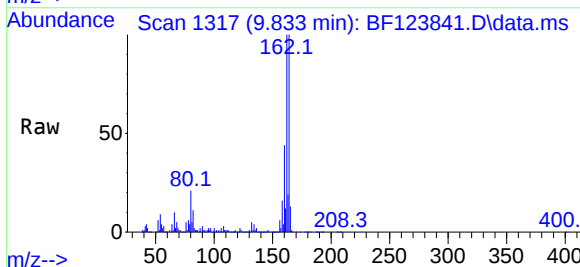
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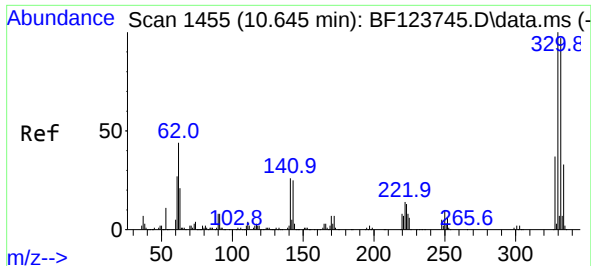


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

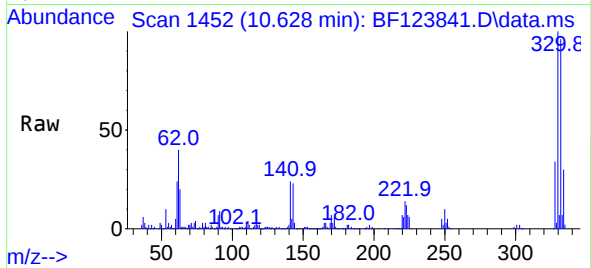
Tgt Ion:164 Resp: 442688

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.8	37.3	55.9

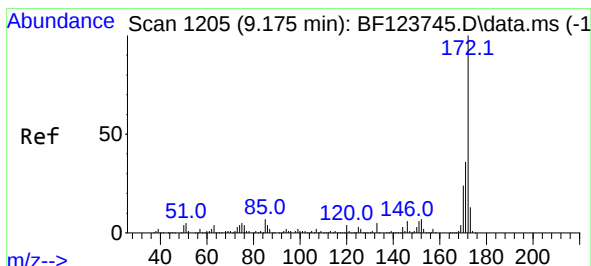
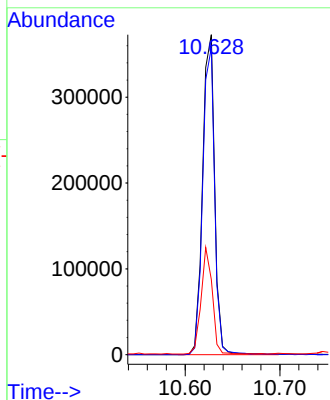
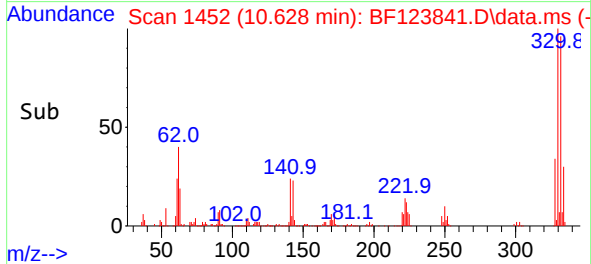




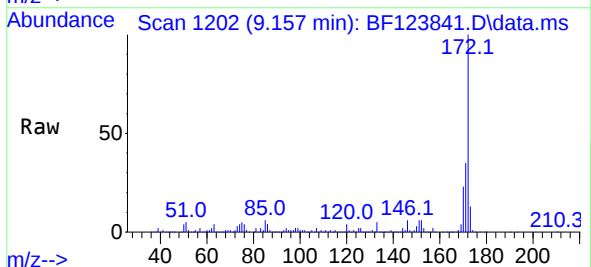
#42
2,4,6-Tribromophenol
Concen: 59.64 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



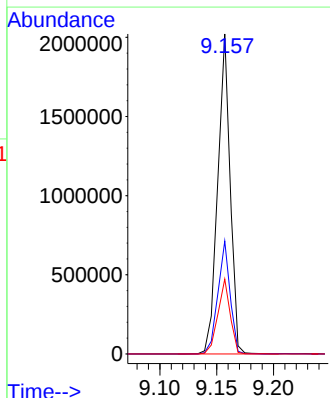
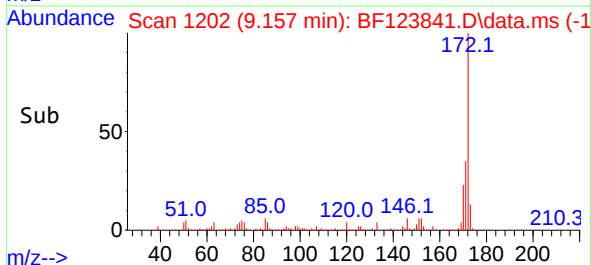
Tgt Ion: 330 Resp: 328685
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 30.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 50.68 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



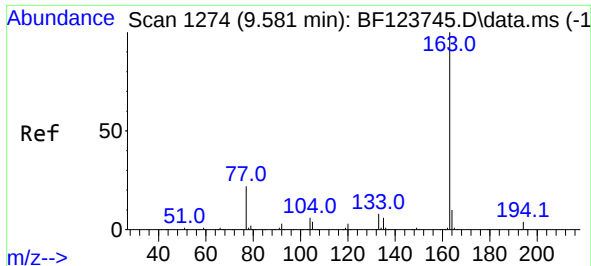
Tgt Ion: 172 Resp: 1540683
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.4 19.2 28.8



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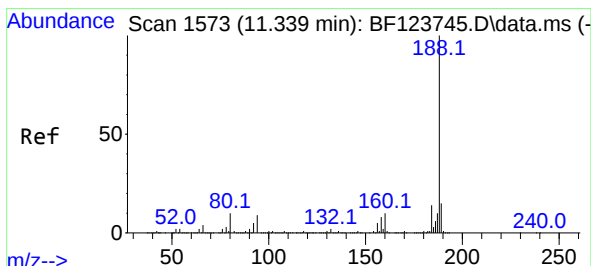
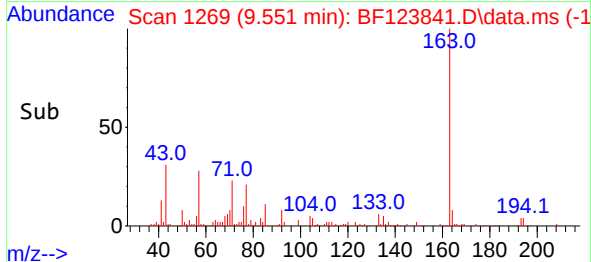
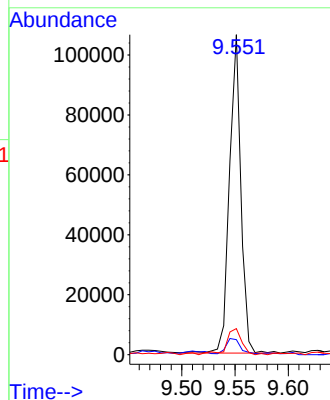
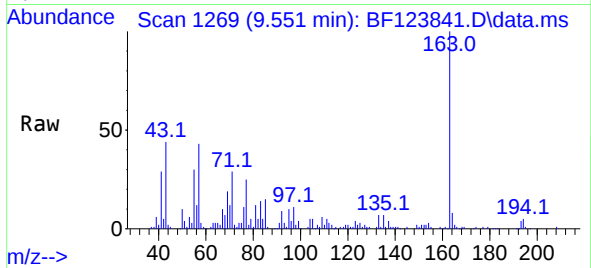
#50
Dimethylphthalate
Concen: 2.53 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:163 Resp: 78882
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 8.2 8.2 12.2

Instrument :
BNA_F
ClientSampleId :
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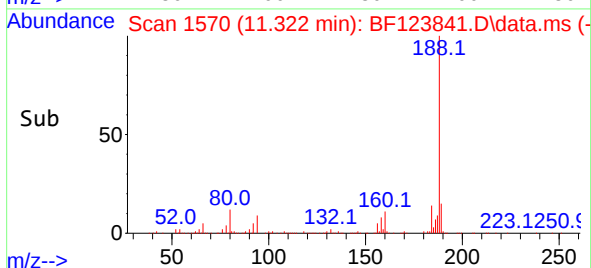
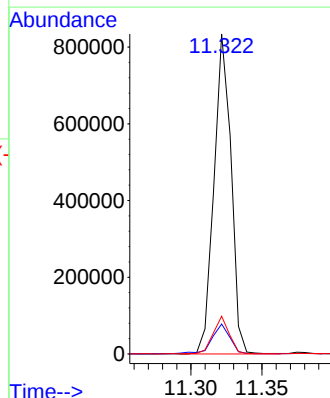
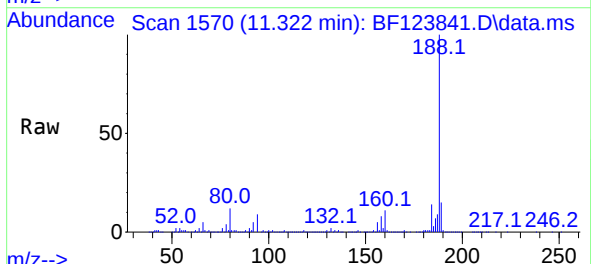
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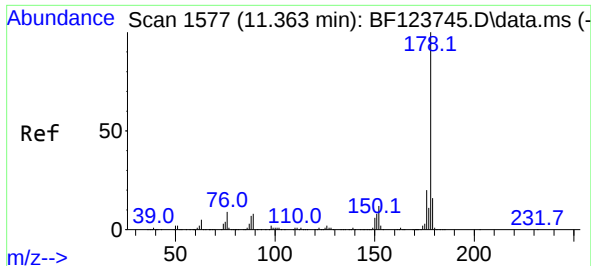
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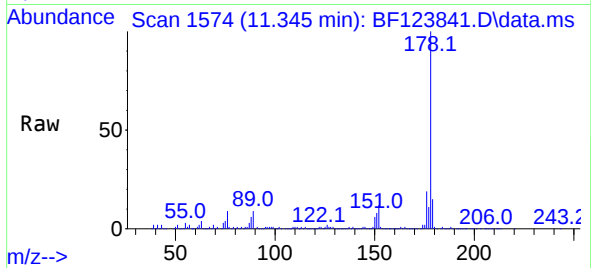
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:188 Resp: 695511
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.8 8.2 12.2

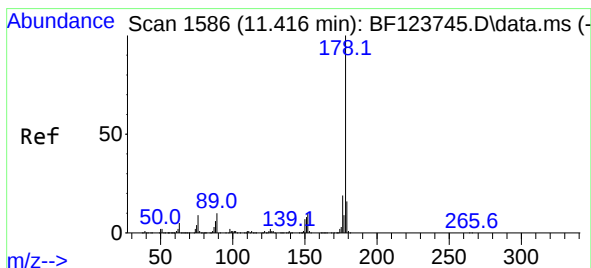
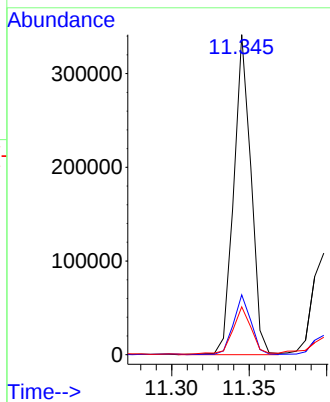
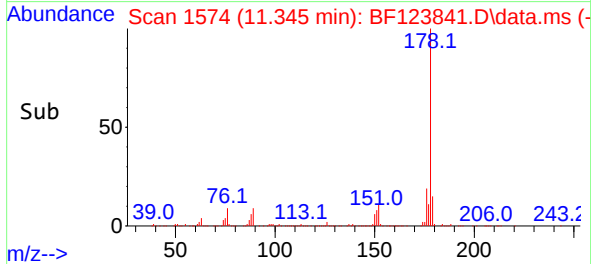




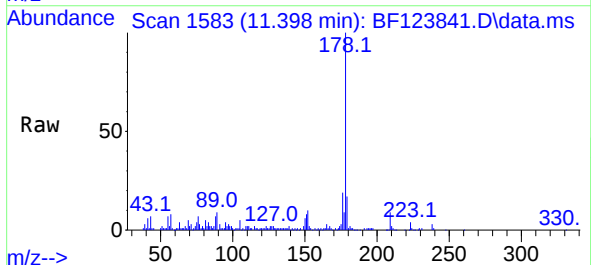
#71
Phenanthrene
Concen: 7.23 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



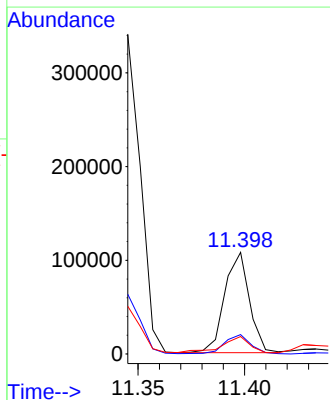
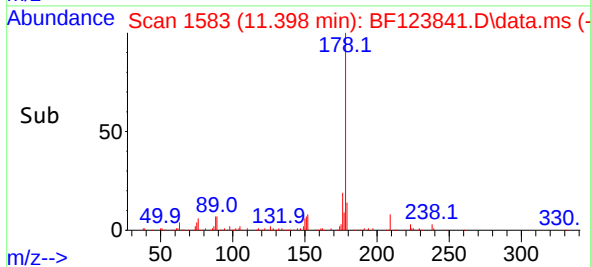
Tgt Ion:178 Resp: 263708
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.0 12.5 18.7



#72
Anthracene
Concen: 2.39 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



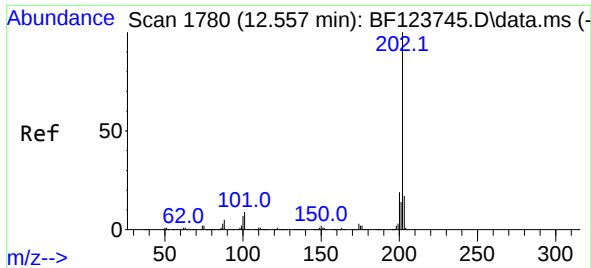
Tgt Ion:178 Resp: 86733
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 17.3 12.6 18.8



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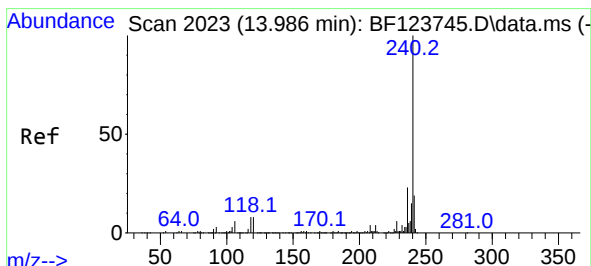
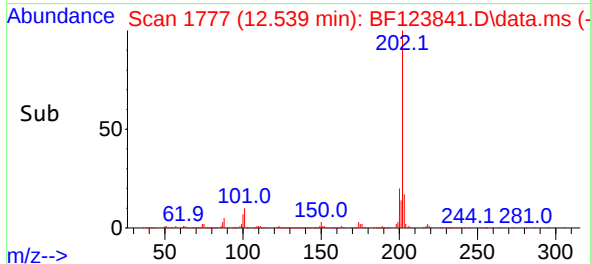
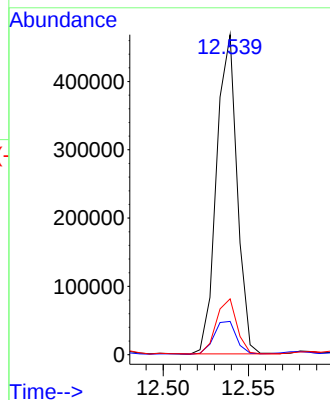
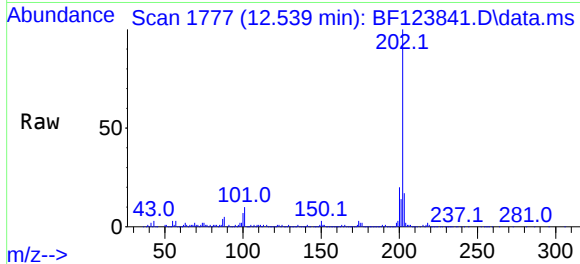
#75
Fluoranthene
Concen: 9.85 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:	202	Resp:	391881
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.9
203	17.5	0.0	37.5

Instrument :
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ClientSampleId :
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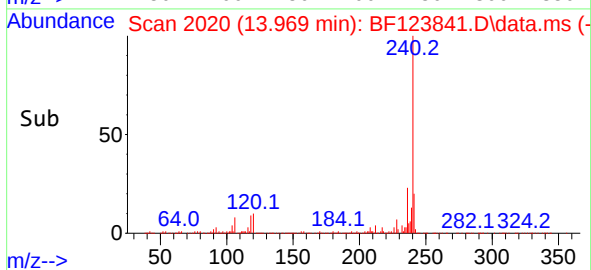
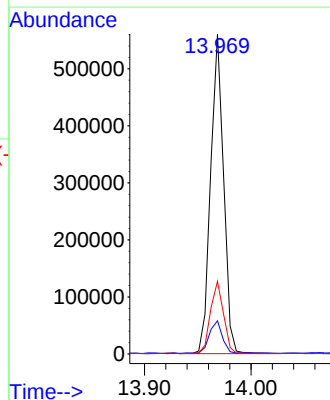
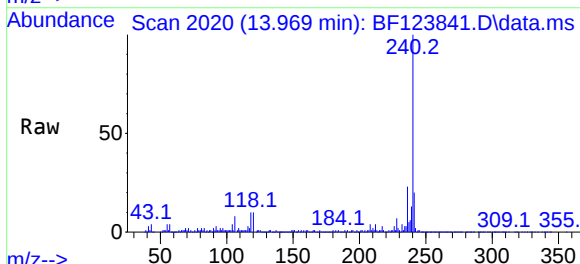
Manual Integrations
APPROVED

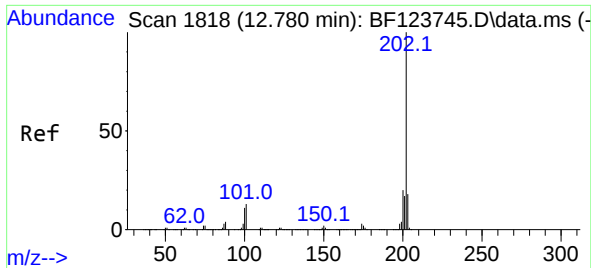
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:	240	Resp:	474272
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.2	10.8
236	22.7	19.0	28.4





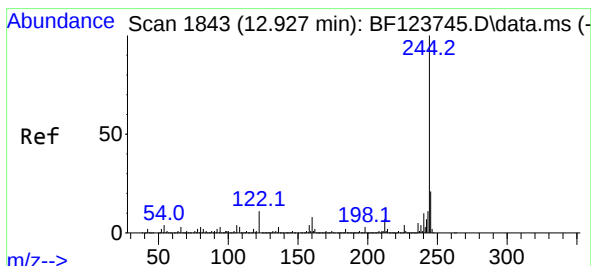
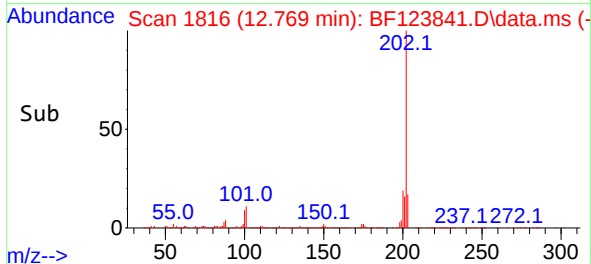
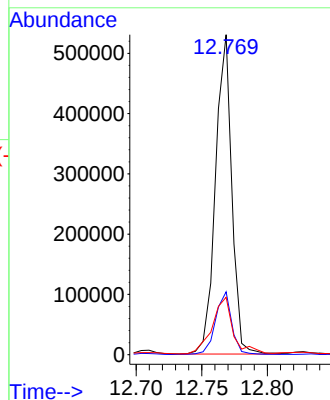
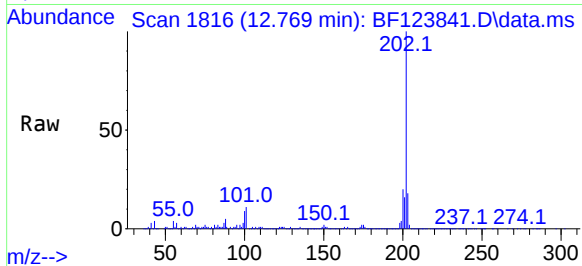
#78
Pyrene
Concen: 12.44 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:202	Resp: 458085
Ion Ratio	Lower Upper
202 100	
200 19.7	16.1 24.1
203 17.9	14.8 22.2

Instrument :
BNA_F
ClientSampleId :
EME-13

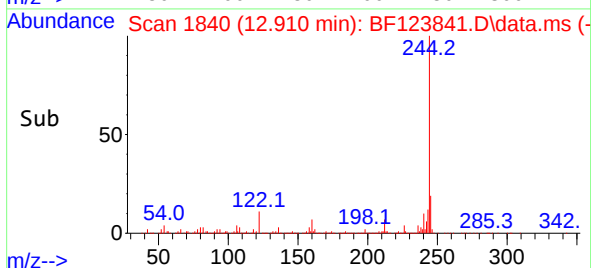
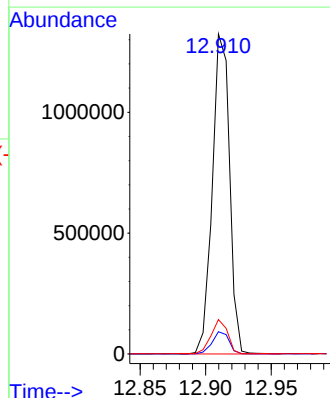
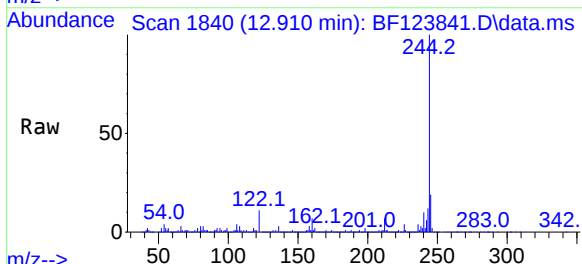
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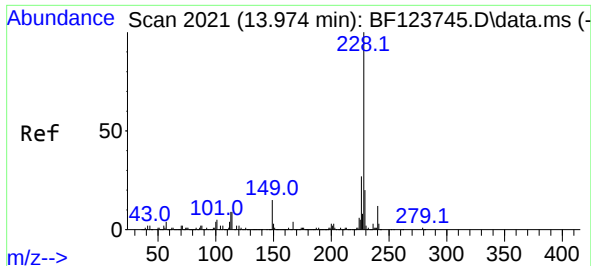
mohammad
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#79
Terphenyl-d14
Concen: 49.24 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:244	Resp: 1212713
Ion Ratio	Lower Upper
244 100	
212 6.9	5.7 8.5
122 10.7	9.7 14.5





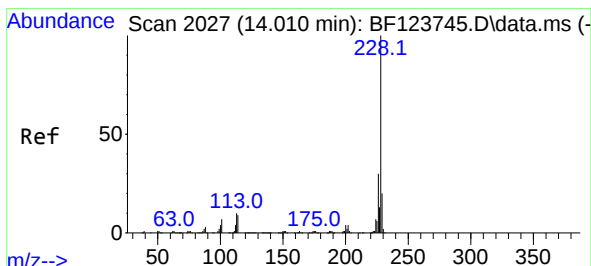
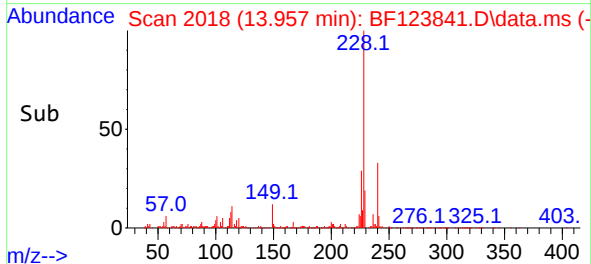
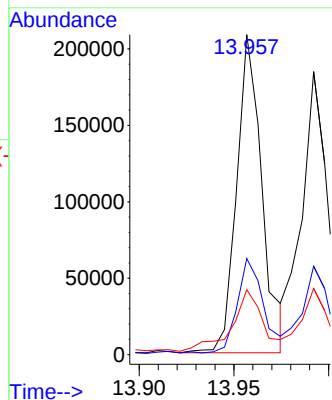
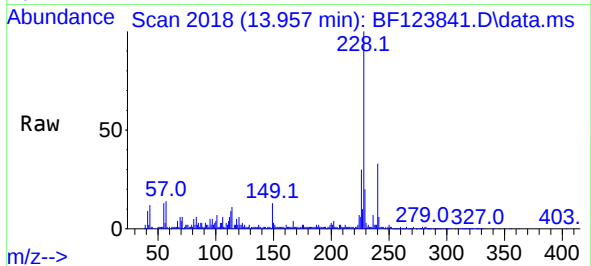
#81
Benzo(a)anthracene
Concen: 6.73 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:228 Resp: 193501
Ion Ratio Lower Upper
228 100
226 30.1 22.4 33.6
229 20.3 16.0 24.0

Instrument :
BNA_F
ClientSampled :
EME-13

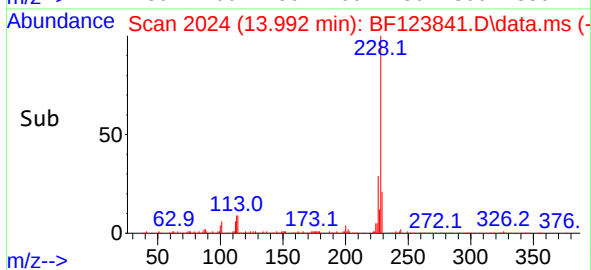
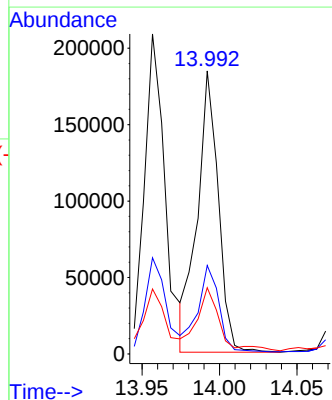
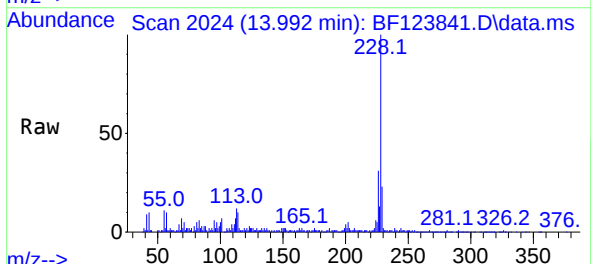
Manual Integrations
APPROVED

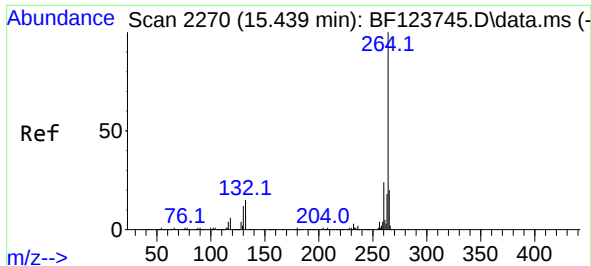
mohammad
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#83
Chrysene
Concen: 5.99 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

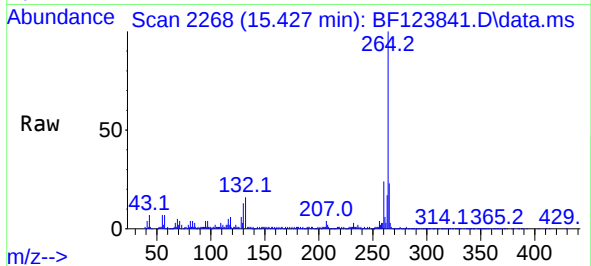
Tgt Ion:228 Resp: 173116
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 23.4 16.2 24.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

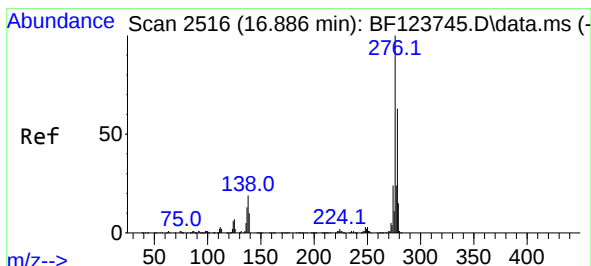
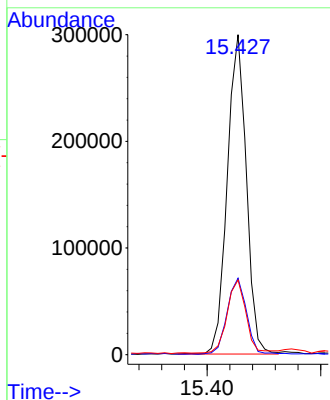
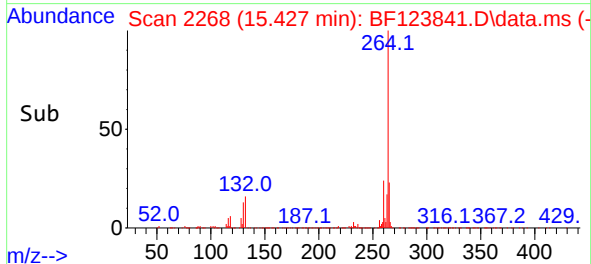
Instrument :
BNA_F
ClientSampled :
EME-13



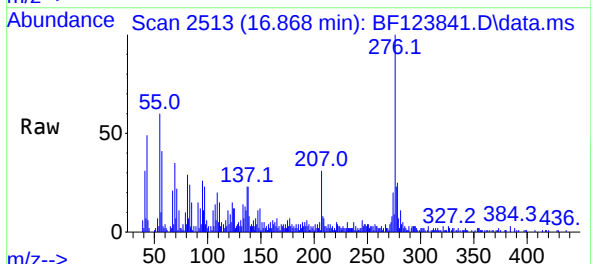
Tgt Ion:264 Resp: 348248
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 23.4 17.8 26.8

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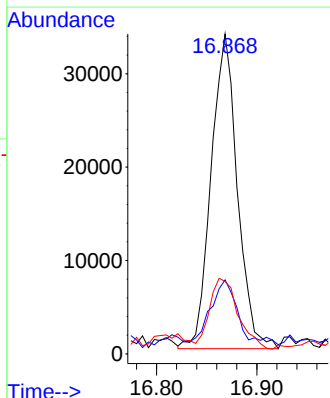
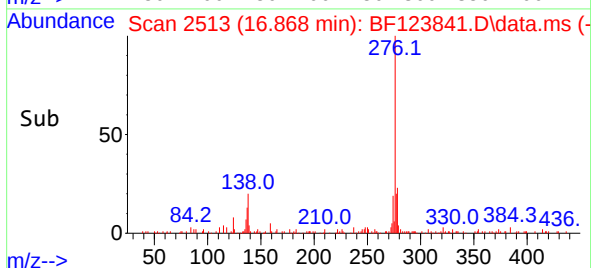
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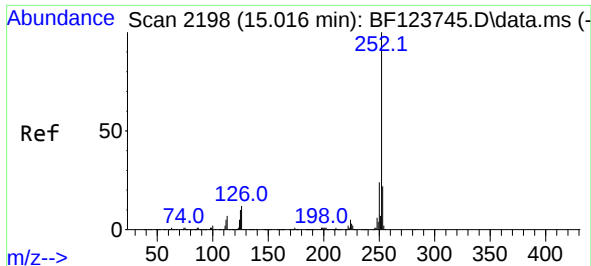


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.012 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



Tgt Ion:276 Resp: 61356
Ion Ratio Lower Upper
276 100
138 24.2 16.2 24.2
277 24.6 20.1 30.1





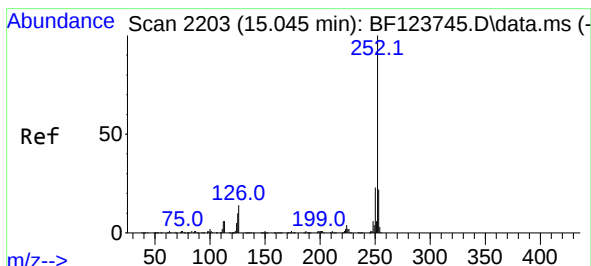
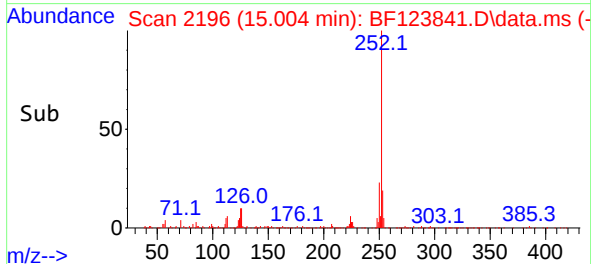
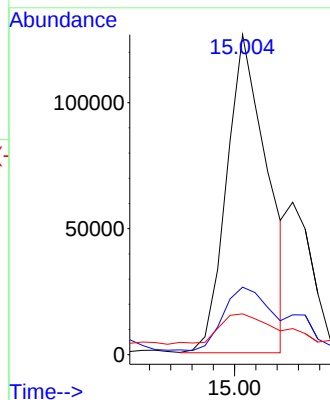
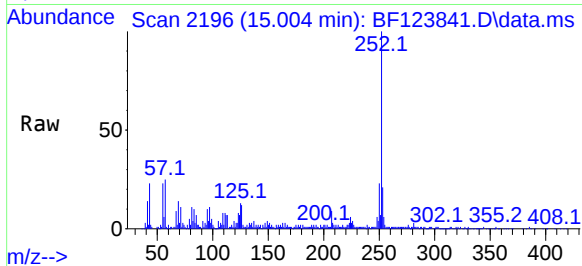
#88
Benzo(b)fluoranthene
Concen: 7.12 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

Tgt Ion:252 Resp: 167204
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 12.7 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
EME-13

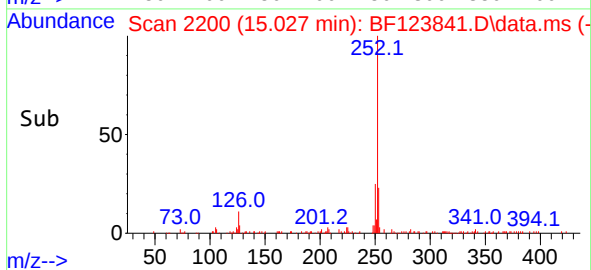
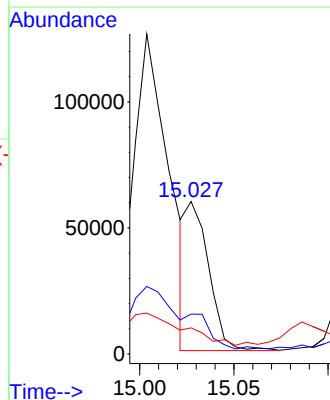
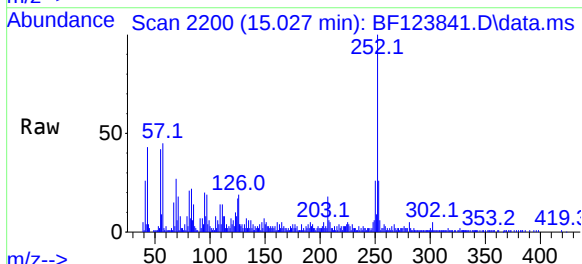
Manual Integrations
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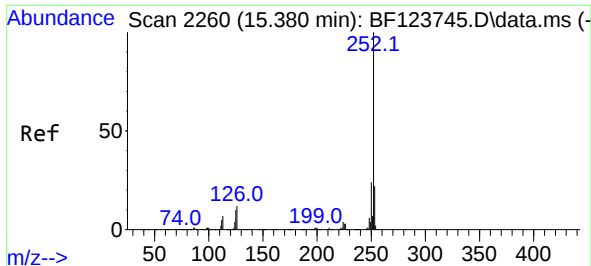
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.20 ng m
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

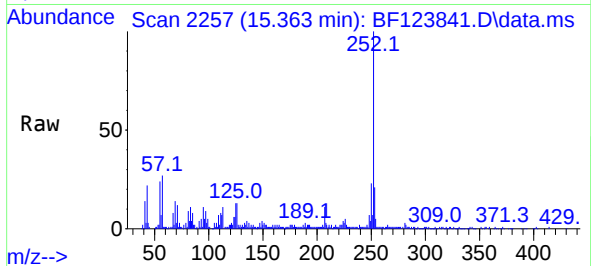
Tgt Ion:252 Resp: 49195
Ion Ratio Lower Upper
252 100
253 26.2 17.9 26.9
125 17.1 7.0 10.6#





#90
Benzo(a)pyrene
Concen: 6.22 ng
RT: 15.363 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22

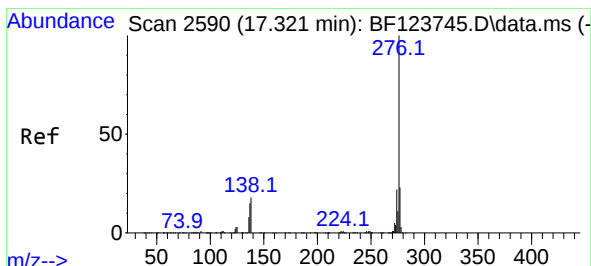
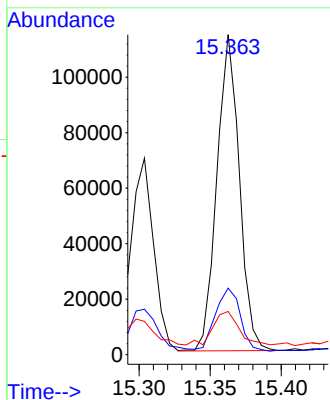
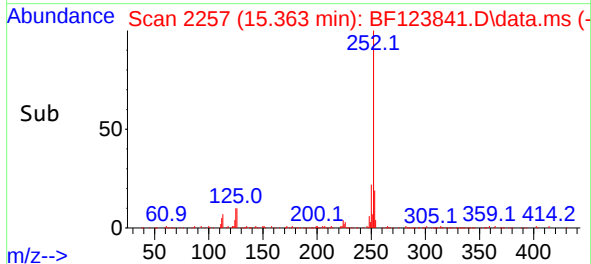
Instrument :
BNA_F
ClientSampled :
EME-13



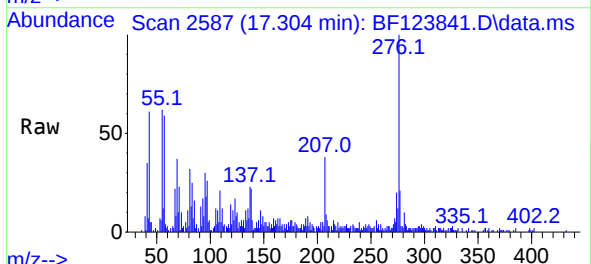
Tgt Ion:252 Resp: 124892
Ion Ratio Lower Upper
252 100
253 20.8 18.4 27.6
125 13.5 8.0 12.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.66 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.012 min
Lab File: BF123841.D
Acq: 5 May 2021 22:22



Tgt Ion:276 Resp: 62755
Ion Ratio Lower Upper
276 100
277 21.5 18.2 27.2
138 21.7 13.8 20.6#

