

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123657.D
 Acq On : 20 Apr 2021 23:01
 Operator : JU/CG
 Sample : M2077-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-14.5-15.0

Manual Integrations
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Quant Time: Apr 21 01:23:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	234245	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	883318	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	426387	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	735277	20.00	ng	0.00
76) Chrysene-d12	14.033	240	474500	20.00	ng	0.00
86) Perylene-d12	15.510	264	512409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1426839	98.45	ng	0.00
7) Phenol-d6	6.487	99	1841520	91.69	ng	0.00
23) Nitrobenzene-d5	7.410	82	1309878	68.17	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	465453	96.40	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1791786	62.64	ng	0.00
79) Terphenyl-d14	12.980	244	1355639	55.53	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	53487	2.51	ng	92
50) Dimethylphthalate	9.604	163	90454	3.07	ng	99
71) Phenanthrene	11.404	178	163896	4.27	ng	99
75) Fluoranthene	12.604	202	222138	5.27	ng	96
78) Pyrene	12.833	202	192063	5.55	ng	96
81) Benzo(a)anthracene	14.021	228	75851	2.61	ng	94
83) Chrysene	14.057	228	70175	2.40	ng	98
88) Benzo(b)fluoranthene	15.074	252	76317m	2.11	ng	

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

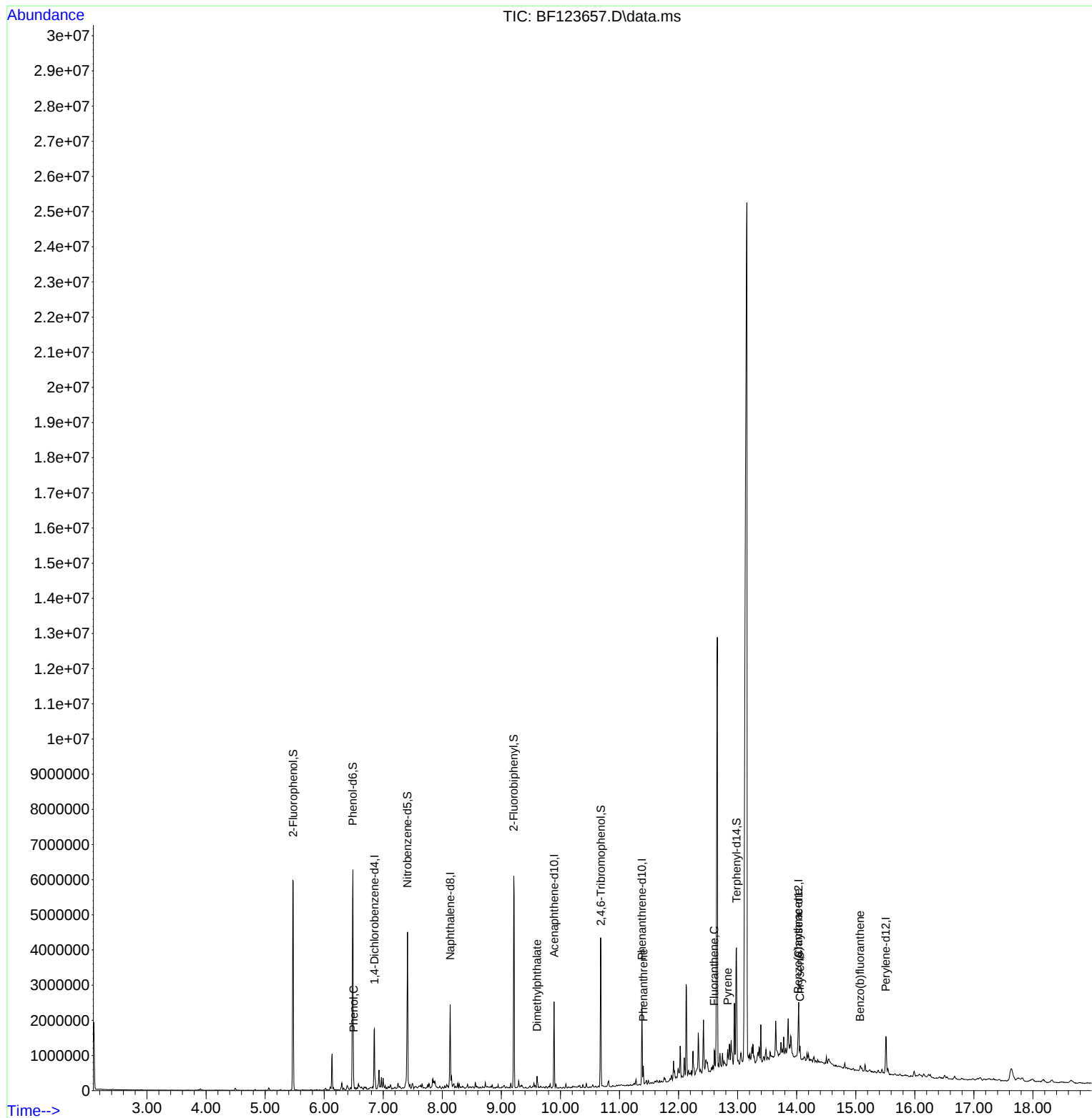
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123657.D
Acq On : 20 Apr 2021 23:01
Operator : JU/CG
Sample : M2077-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

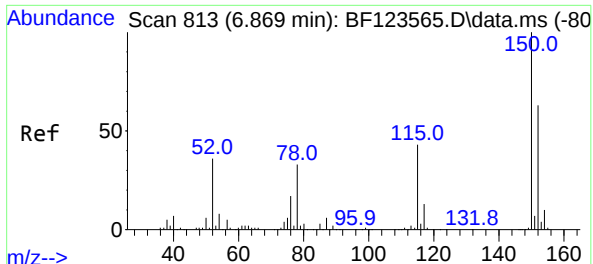
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

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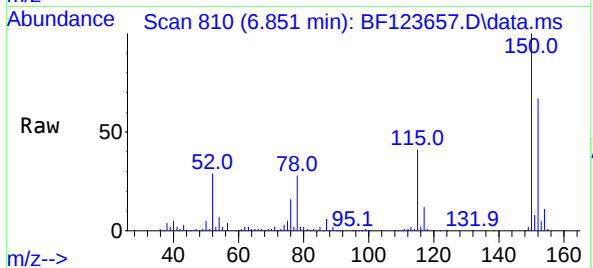
Quant Time: Apr 21 01:23:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

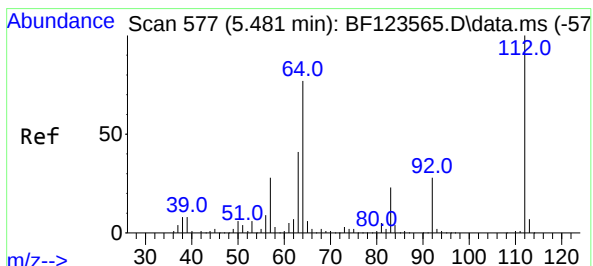
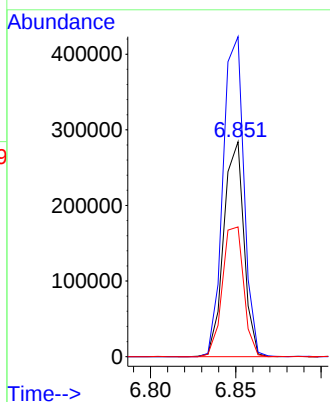
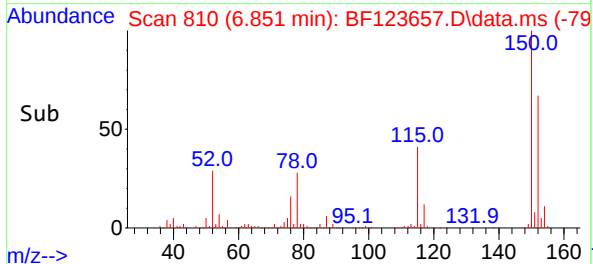
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0



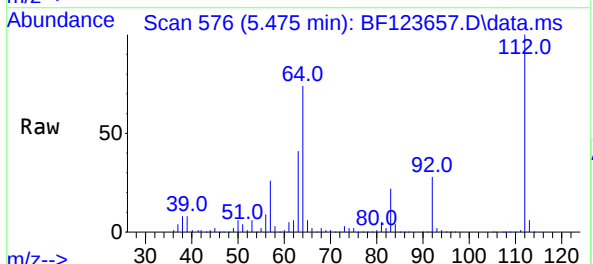
Tgt Ion:152 Resp: 234245
Ion Ratio Lower Upper
152 100
150 148.9 127.0 190.6
115 60.4 54.3 81.5

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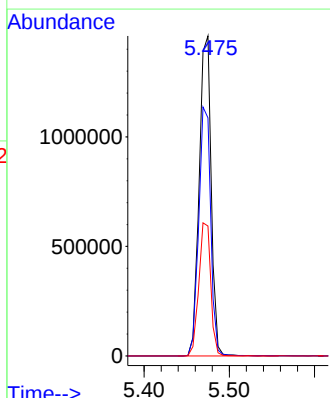
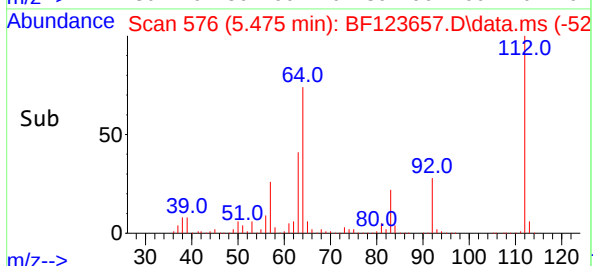
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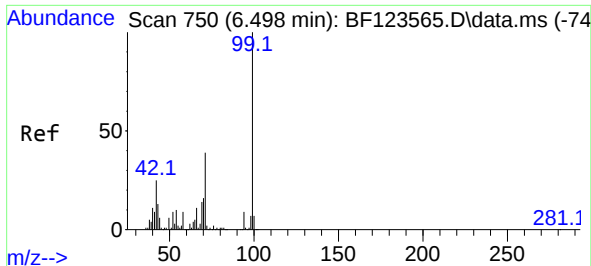


#5
2-Fluorophenol
Concen: 98.45 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



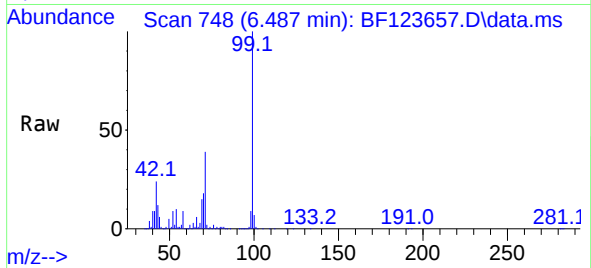
Tgt Ion:112 Resp: 1426839
Ion Ratio Lower Upper
112 100
64 74.4 61.4 92.0
63 40.6 33.0 49.4





#7
Phenol-d6
Concen: 91.69 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

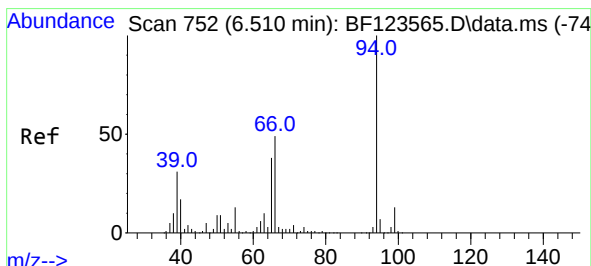
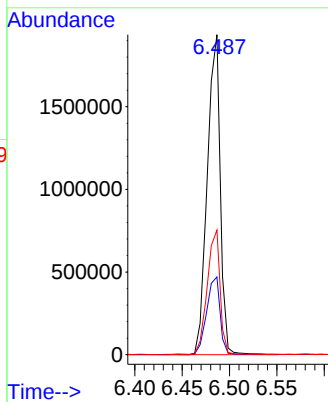
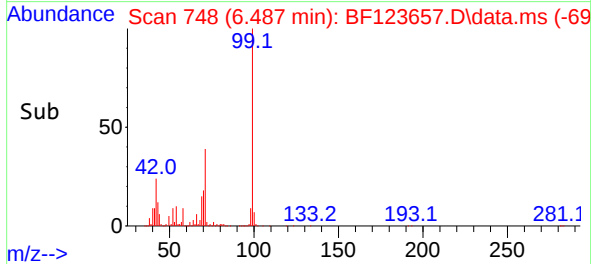
Instrument :
BNA_F
ClientSampleId :
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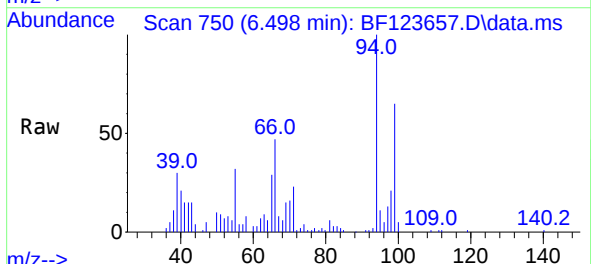
Tgt Ion: 99 Resp: 1841520
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.8
71 38.9 31.1 46.7

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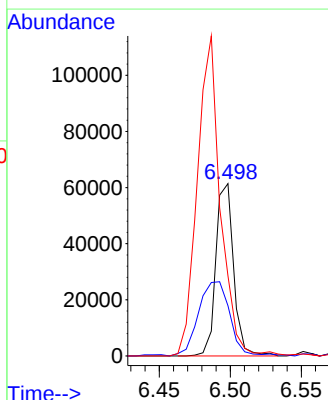
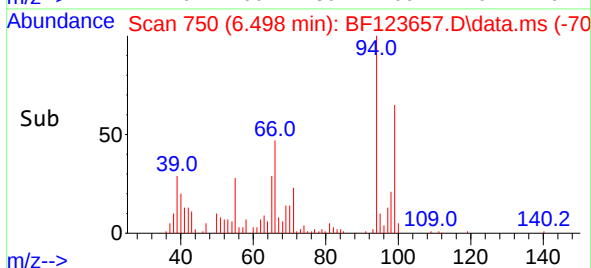
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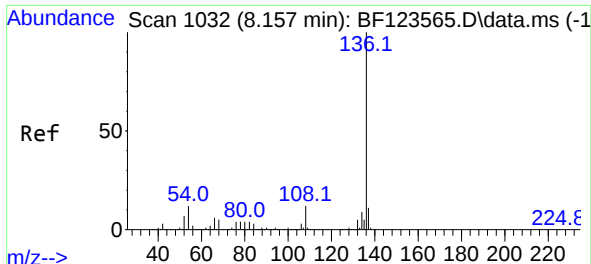


#10
Phenol
Concen: 2.51 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



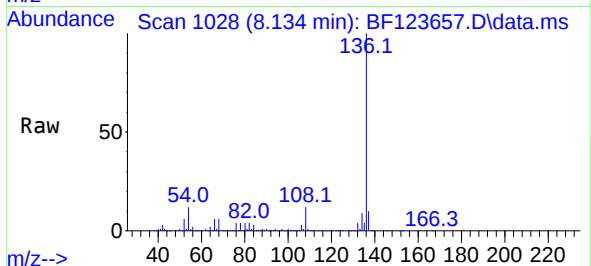
Tgt Ion: 94 Resp: 53487
Ion Ratio Lower Upper
94 100
65 29.2 18.1 58.1
66 46.6 29.0 69.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

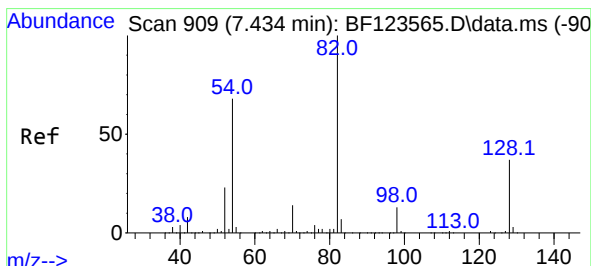
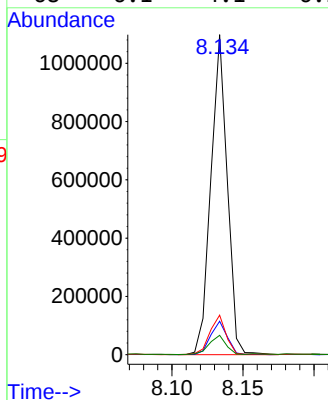
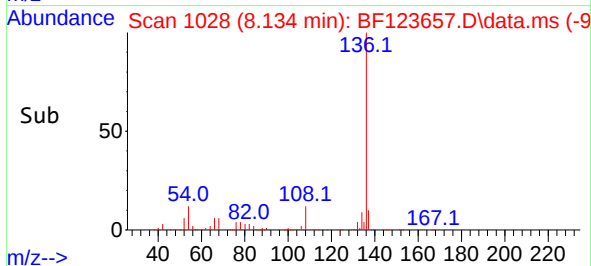


Tgt Ion:136 Resp: 883318

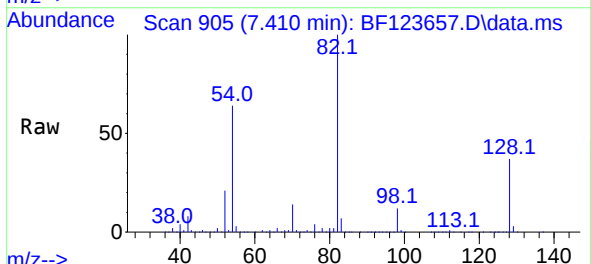
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	12.4	9.8	14.6
68	6.1	4.1	6.1

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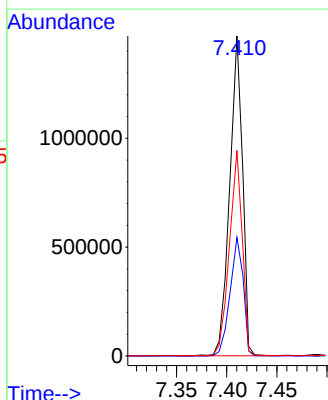
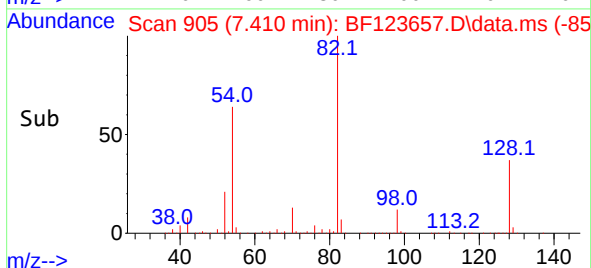


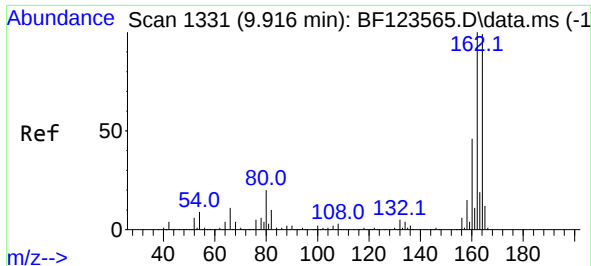
#23
Nitrobenzene-d5
Concen: 68.17 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



Tgt Ion: 82 Resp: 1309878

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	64.2	54.1	81.1





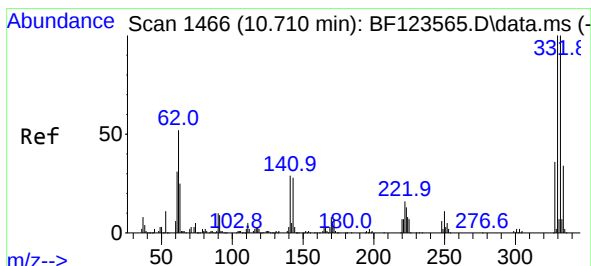
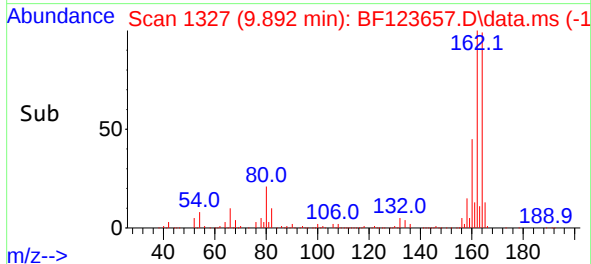
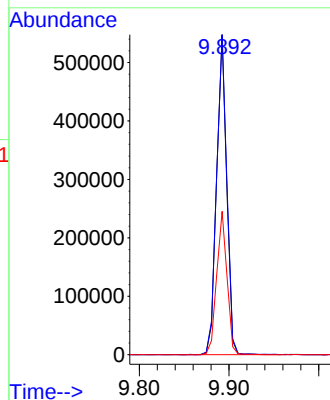
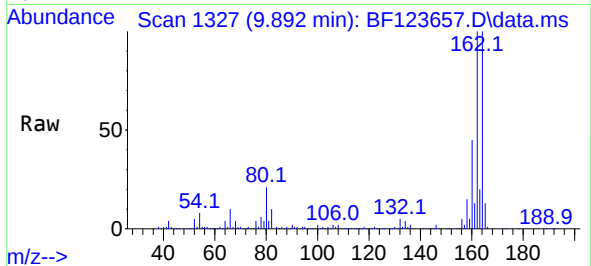
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:164 Resp: 426387
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 44.8 37.3 55.9

Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

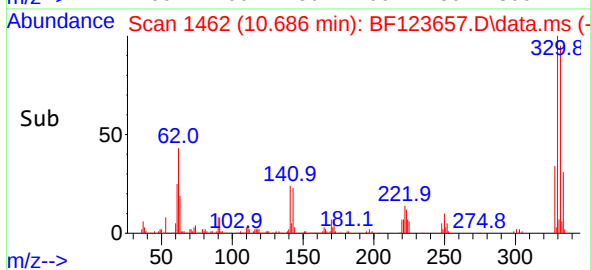
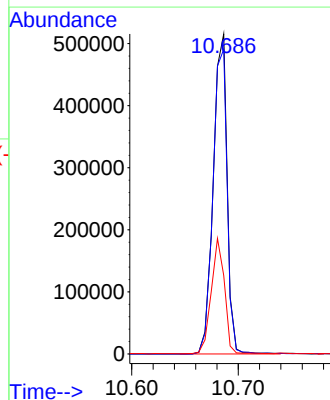
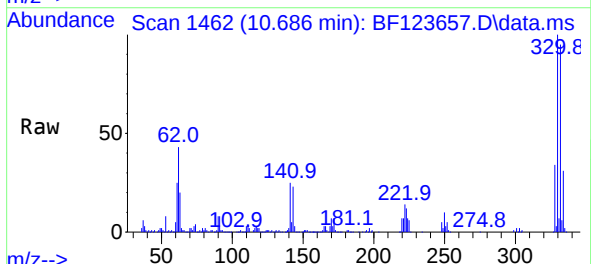
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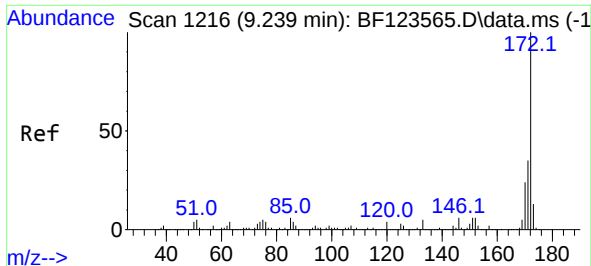
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#42
2,4,6-Tribromophenol
Concen: 96.40 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

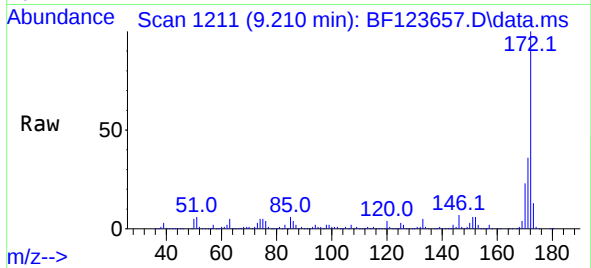
Tgt Ion:330 Resp: 465453
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 34.5 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 62.64 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

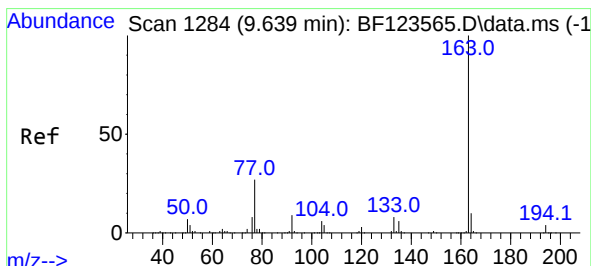
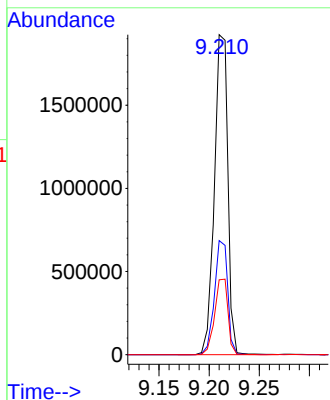
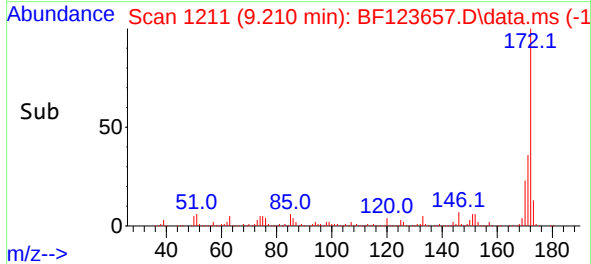
Instrument :
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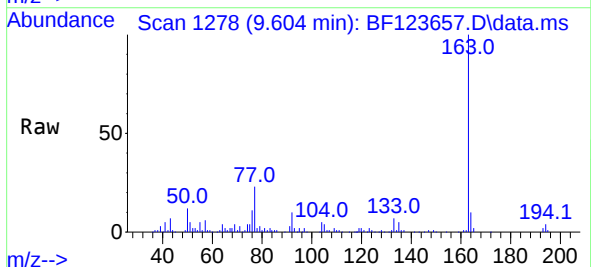
Tgt Ion:172 Resp: 1791786
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 19.2 28.8

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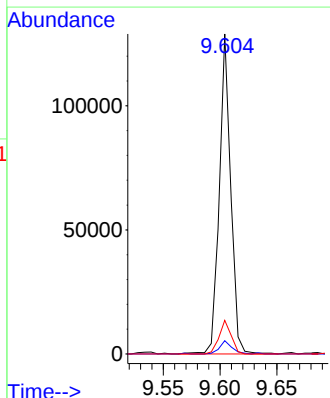
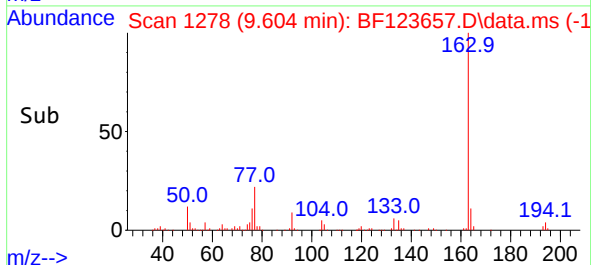
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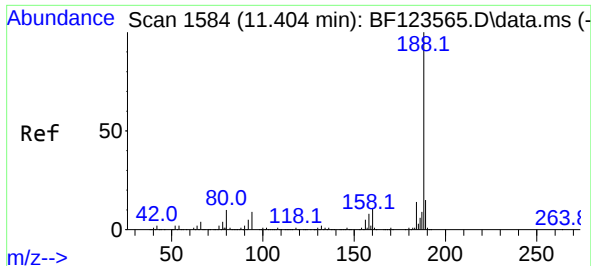


#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



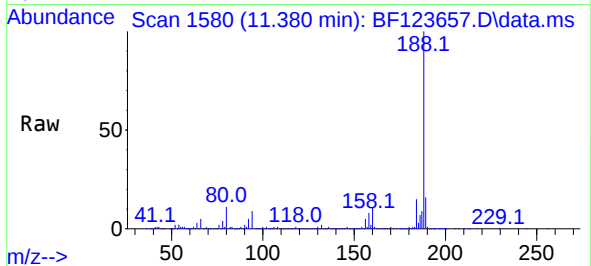
Tgt Ion:163 Resp: 90454
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

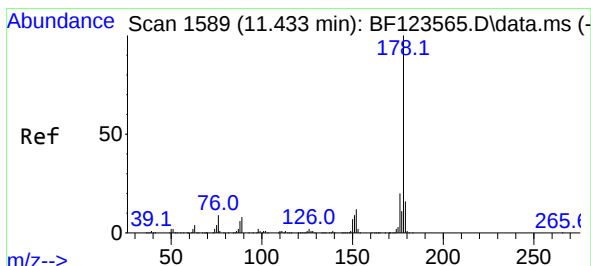
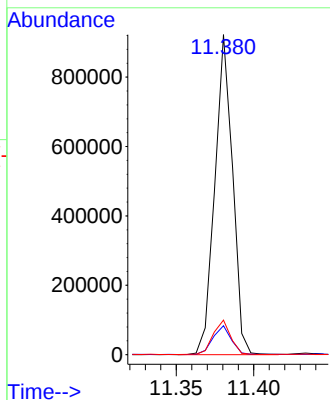
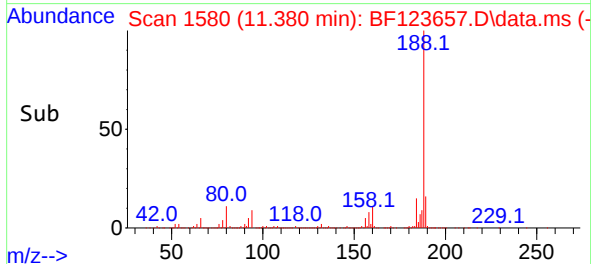
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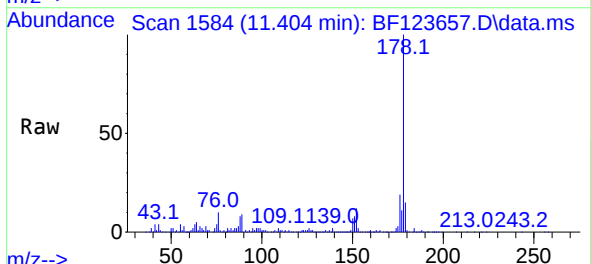
Tgt Ion:188 Resp: 735277
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.8 8.2 12.2

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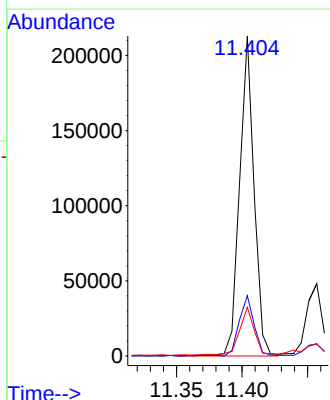
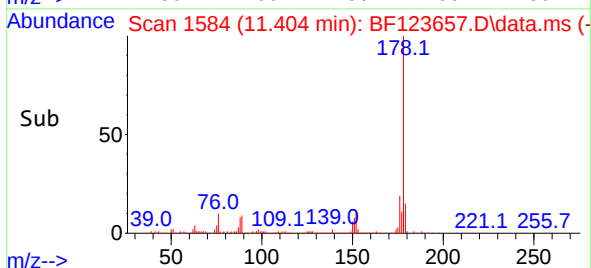
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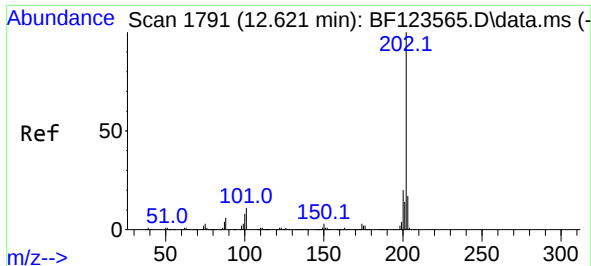


#71
Phenanthrene
Concen: 4.27 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



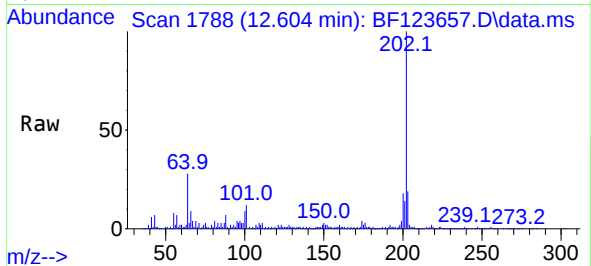
Tgt Ion:178 Resp: 163896
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.3 12.5 18.7





#75
Fluoranthene
Concen: 5.27 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

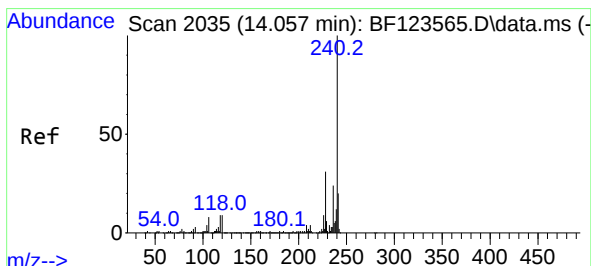
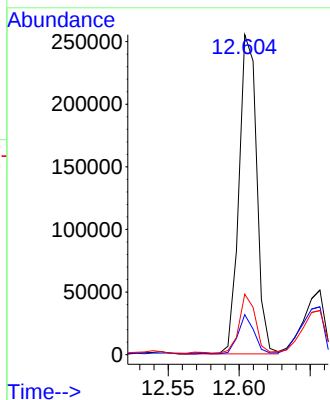
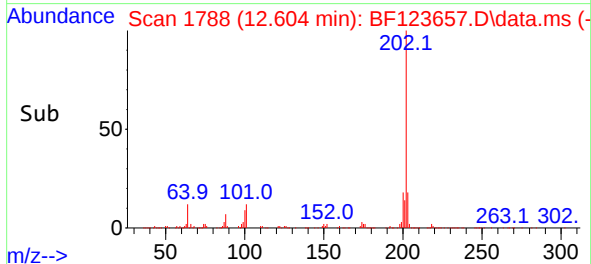
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0



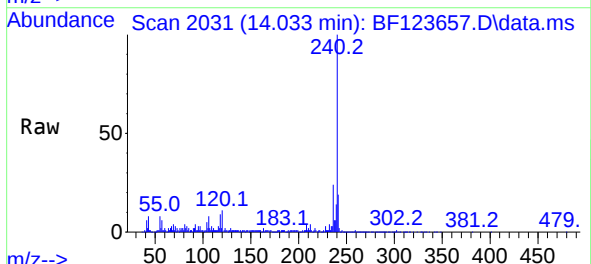
Tgt Ion:202 Resp: 222138
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.9
203 18.9 0.0 37.5

Manual Integrations
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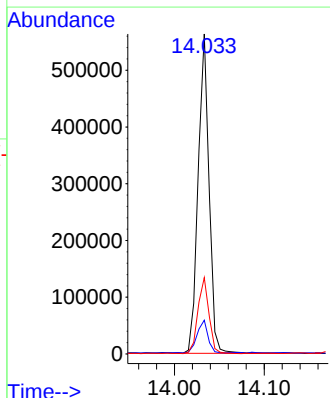
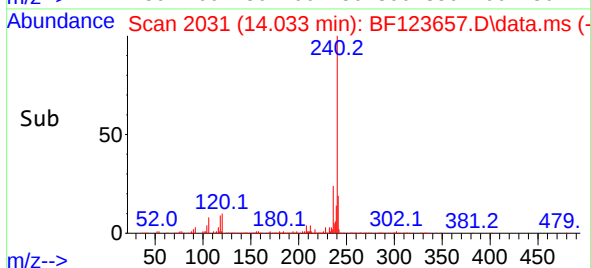
mohammad
4/21/2021 11:25:35 AM

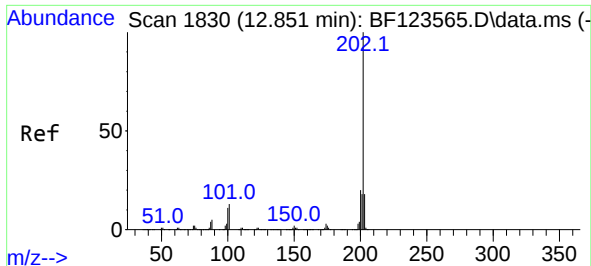


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



Tgt Ion:240 Resp: 474500
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 23.9 19.0 28.4





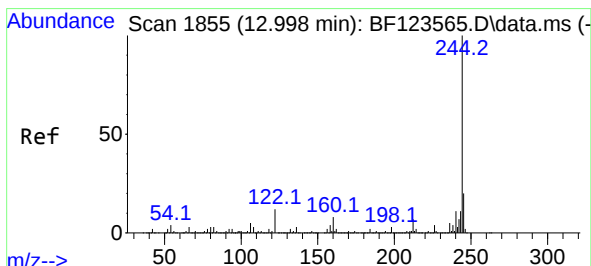
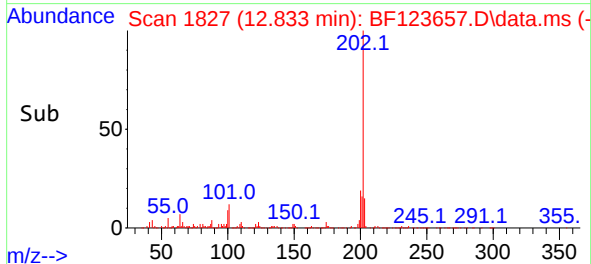
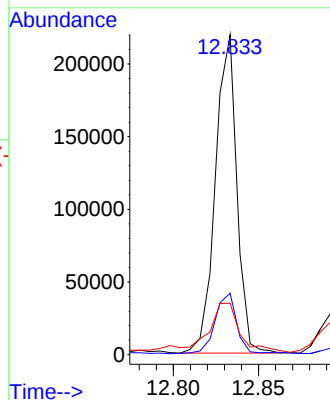
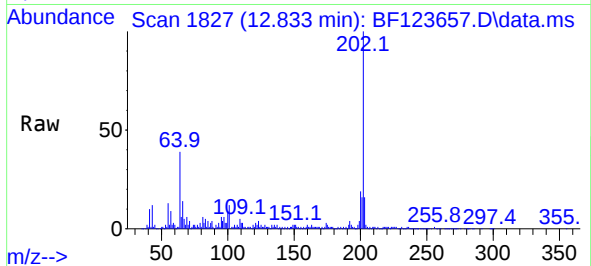
#78
Pyrene
Concen: 5.55 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

Tgt Ion:	202	Resp:	192063
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.1	24.1
203	16.0	14.8	22.2

Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

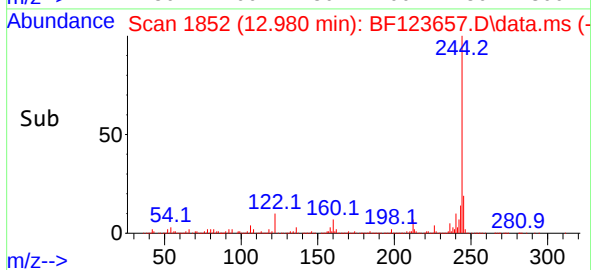
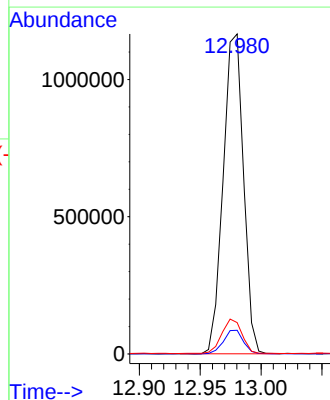
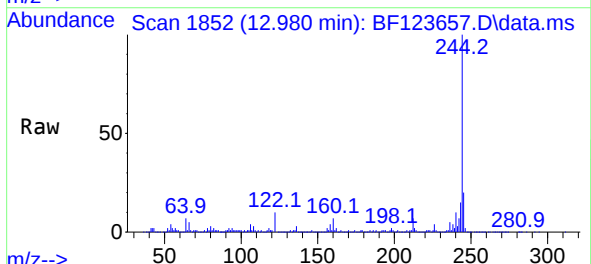
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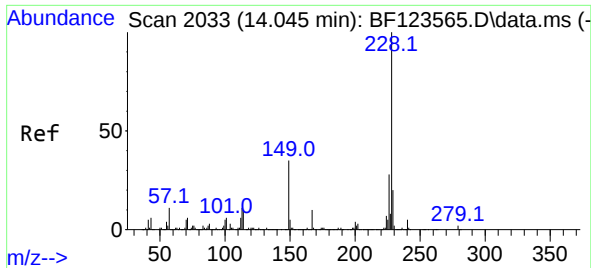
mohammad
4/21/2021 11:25:35 AM



#79
Terphenyl-d14
Concen: 55.53 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

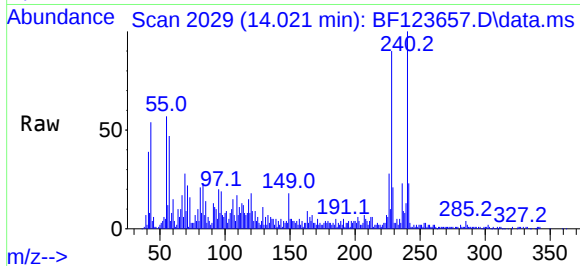
Tgt Ion:	244	Resp:	1355639
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.7	8.5
122	9.8	9.7	14.5





#81
Benzo(a)anthracene
Concen: 2.61 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

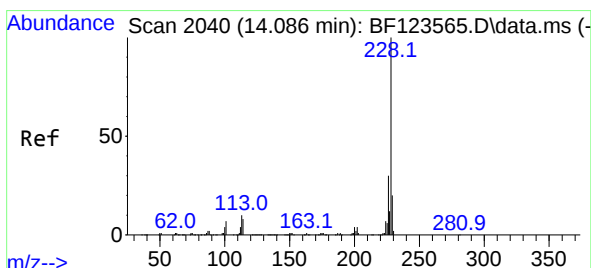
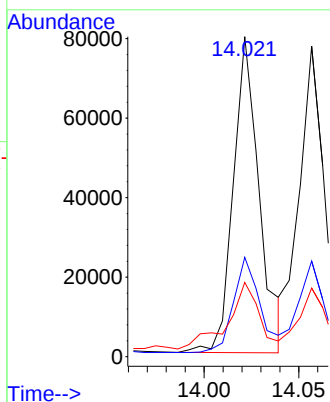
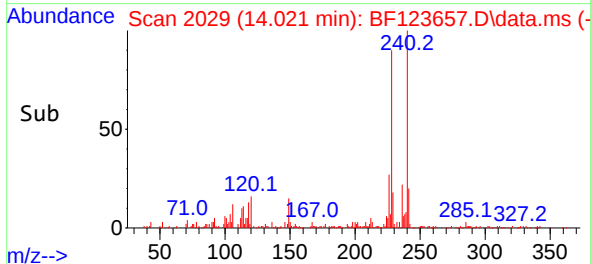
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0



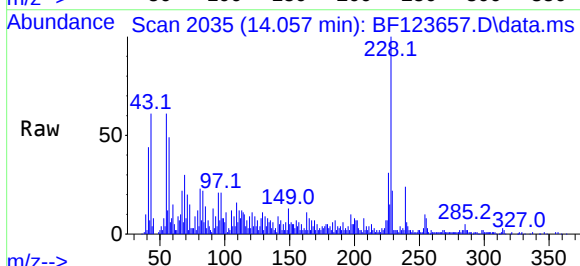
Tgt Ion:228 Resp: 75851
Ion Ratio Lower Upper
228 100
226 31.1 22.4 33.6
229 23.2 16.0 24.0

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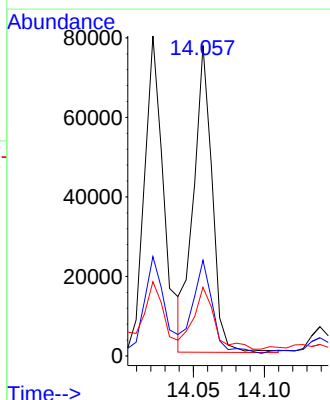
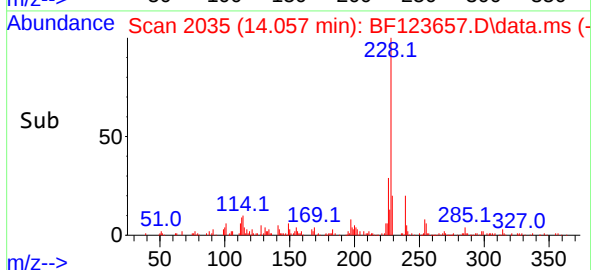
mohammad
4/21/2021 11:25:35 AM

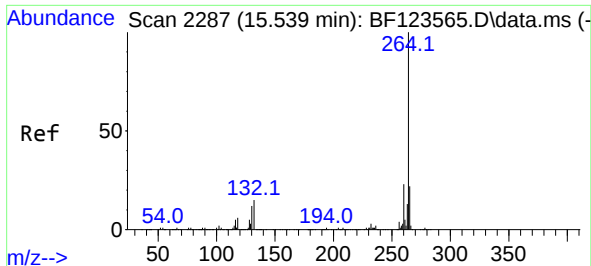


#83
Chrysene
Concen: 2.40 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01

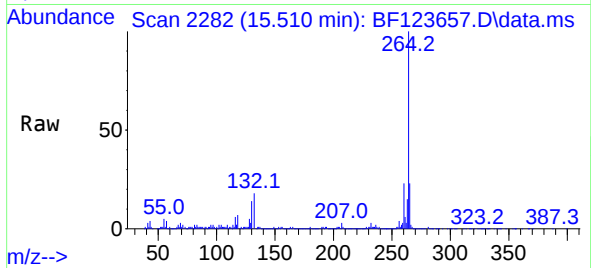


Tgt Ion:228 Resp: 70175
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.1 16.2 24.2

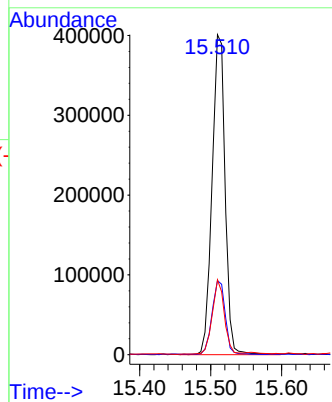
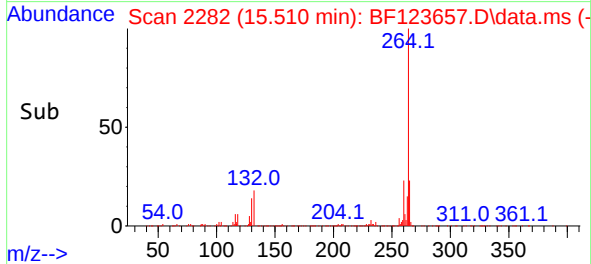




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



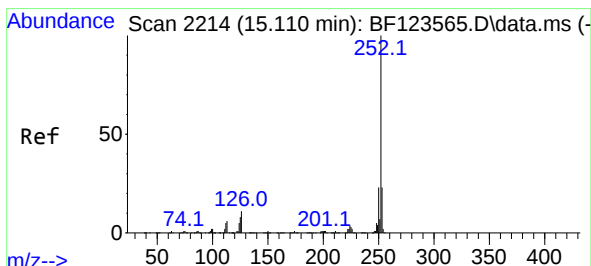
Tgt Ion:264 Resp: 512409
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 23.4 17.8 26.8



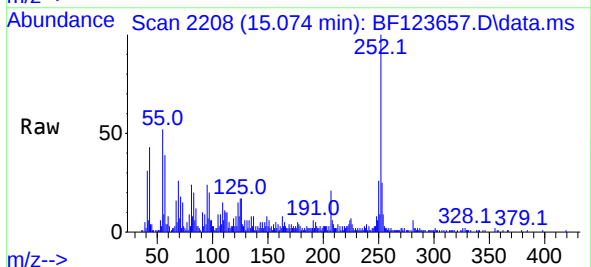
Instrument :
BNA_F
ClientSampleId :
SB-19-14.5-15.0

Manual Integrations
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mohammad
4/21/2021 11:25:35 AM



#88
Benzo(b)fluoranthene
Concen: 2.11 ng m
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF123657.D
Acq: 20 Apr 2021 23:01



Tgt Ion:252 Resp: 76317
Ion Ratio Lower Upper
252 100
253 25.1 18.1 27.1
125 16.8 6.2 9.4#

