

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123268.D
 Acq On : 22 Feb 2021 20:20
 Operator : JU/CG
 Sample : M1452-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Feb 23 03:51:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115422	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	589003	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	293789	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	604838	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	467200	20.00	ng	0.00
86) Perylene-d12	15.510	264	370493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	867045	108.13	ng	0.00
7) Phenol-d6	6.492	99	1114305	102.29	ng	0.00
23) Nitrobenzene-d5	7.416	82	731654	56.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	294948	98.59	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1317298	64.41	ng	0.00
79) Terphenyl-d14	12.980	244	1437145	59.15	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.504	94	124366	10.48	ng	91
71) Phenanthrene	11.410	178	143198	4.00	ng	97
75) Fluoranthene	12.604	202	283526	7.48	ng	98
78) Pyrene	12.833	202	267149	7.32	ng	98
81) Benzo(a)anthracene	14.027	228	126076	3.97	ng	99
83) Chrysene	14.063	228	116697	3.74	ng	97
88) Benzo(b)fluoranthene	15.080	252	135321m	5.20	ng	
90) Benzo(a)pyrene	15.445	252	90468	3.90	ng	# 98
92) Benzo(g,h,i)perylene	17.421	276	45017	2.22	ng	96

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

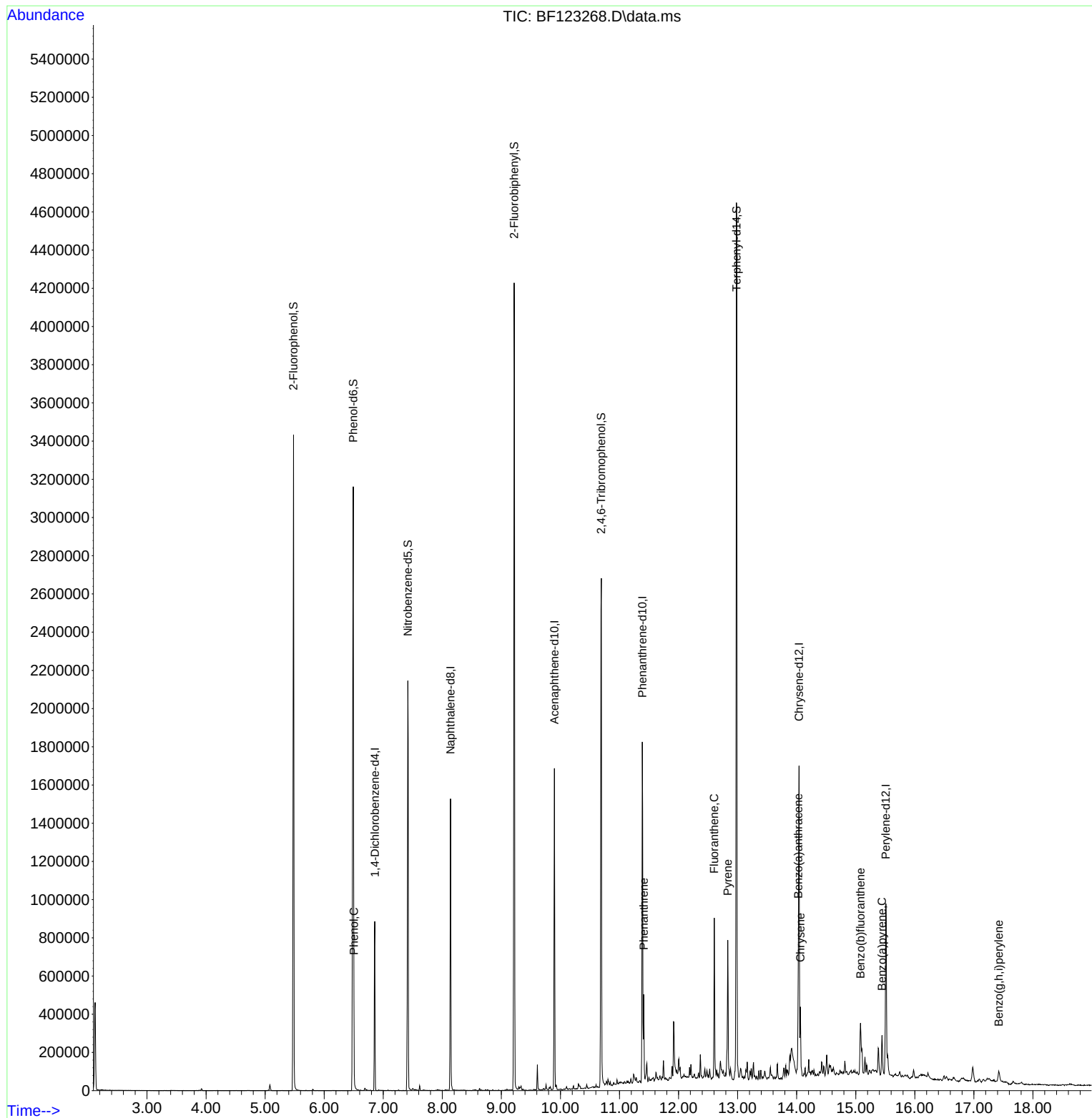
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123268.D
Acq On : 22 Feb 2021 20:20
Operator : JU/CG
Sample : M1452-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

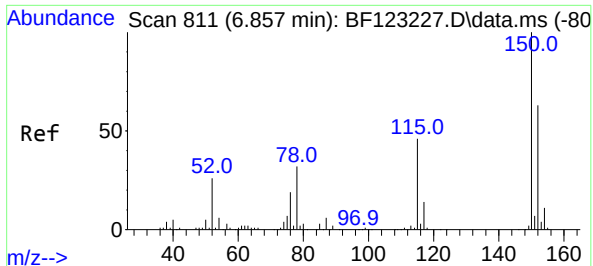
Instrument :
BNA_F
ClientSampleId :
TP-2

Manual Integrations
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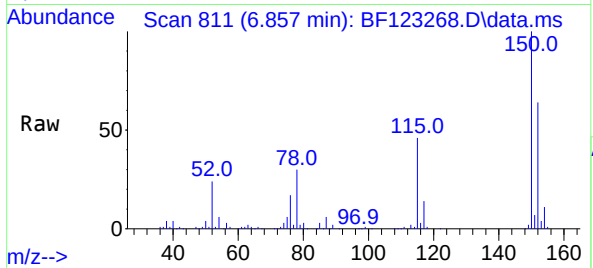
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Quant Time: Feb 23 03:51:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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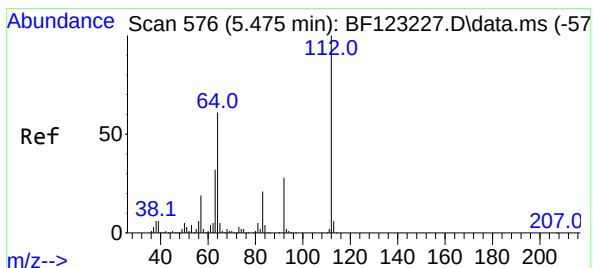
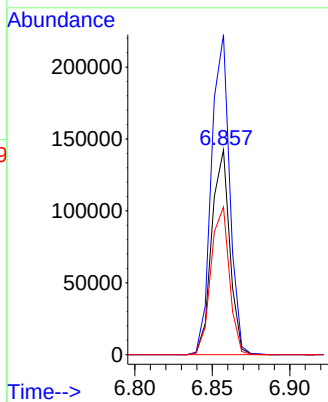
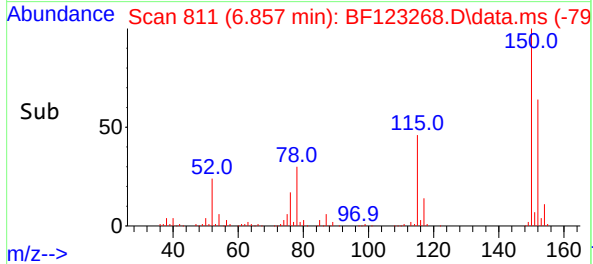




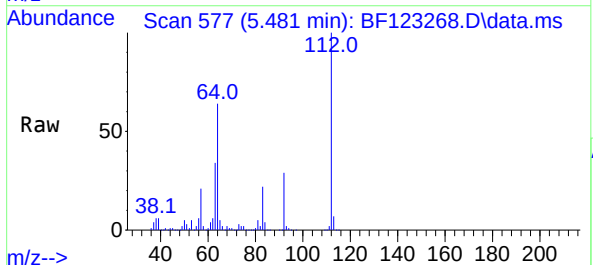
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



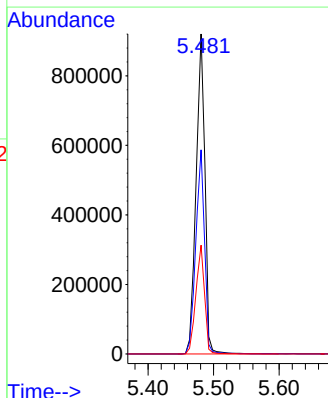
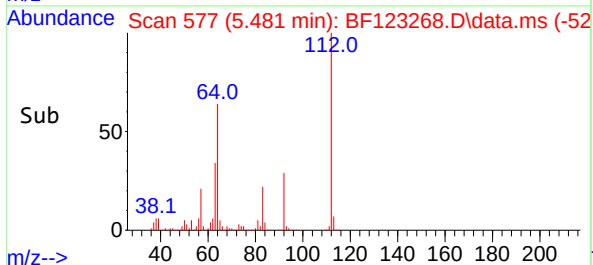
Tgt Ion:152 Resp: 115422
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 72.1 49.3 73.9



#5
2-Fluorophenol
Concen: 108.13 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



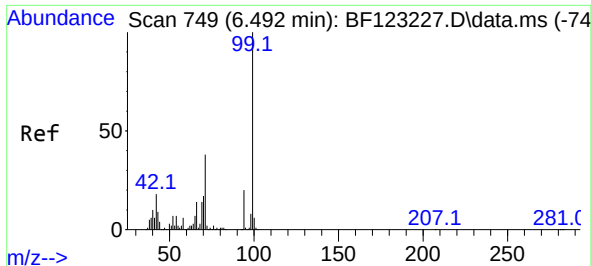
Tgt Ion:112 Resp: 867045
Ion Ratio Lower Upper
112 100
64 63.8 46.9 70.3
63 34.0 24.5 36.7



Instrument :
BNA_F
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TP-2

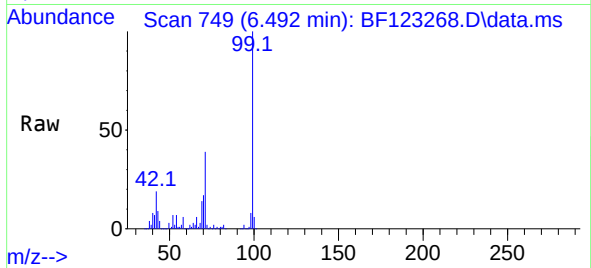
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#7
Phenol-d6
Concen: 102.29 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

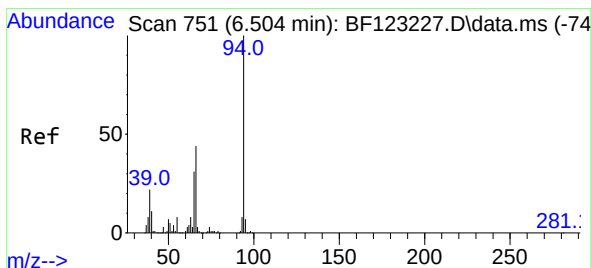
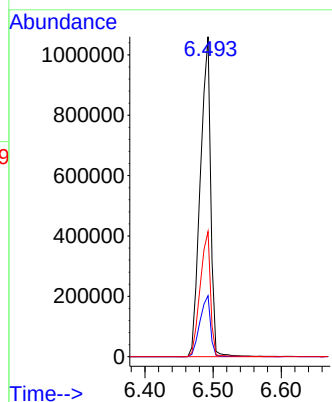
Instrument :
BNA_F
ClientSampled :
TP-2



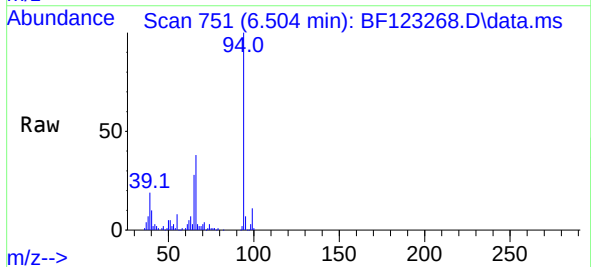
Tgt Ion: 99 Resp: 1114305
Ion Ratio Lower Upper
99 100
42 19.1 13.8 20.6
71 39.1 26.9 40.3

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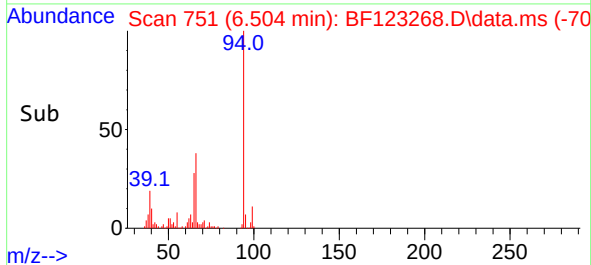
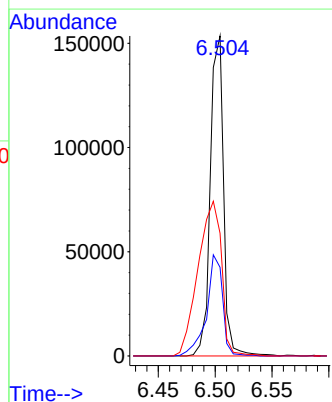
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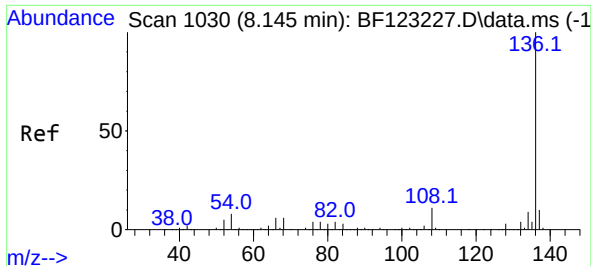


#10
Phenol
Concen: 10.48 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

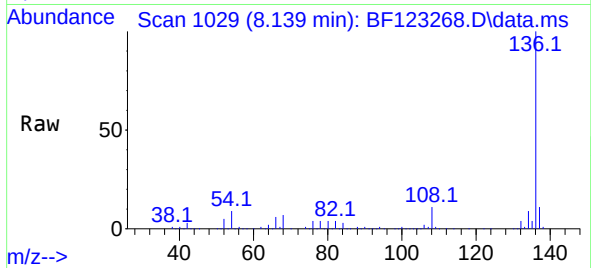


Tgt Ion: 94 Resp: 124366
Ion Ratio Lower Upper
94 100
65 27.7 11.2 51.2
66 38.4 25.8 65.8

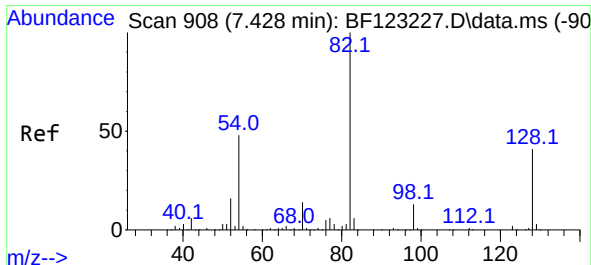
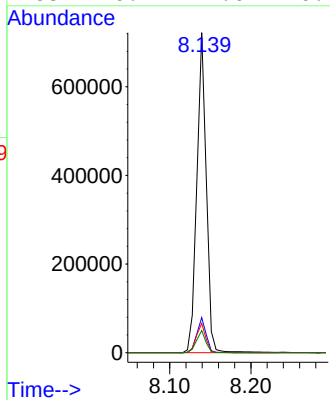
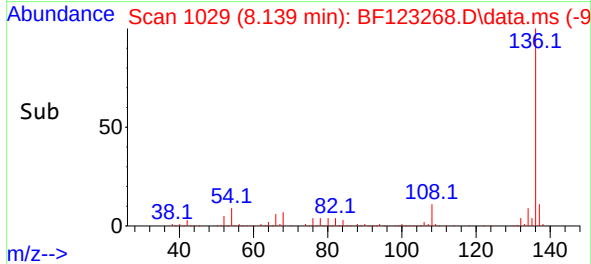




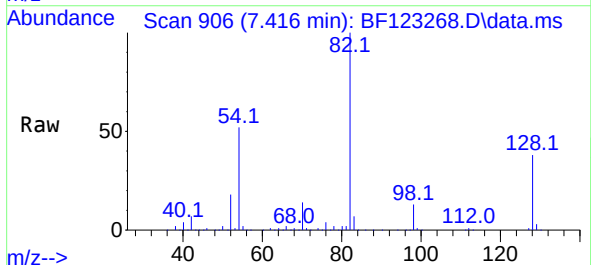
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



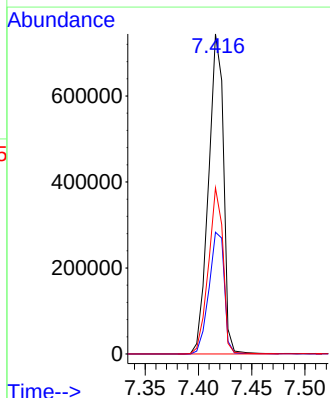
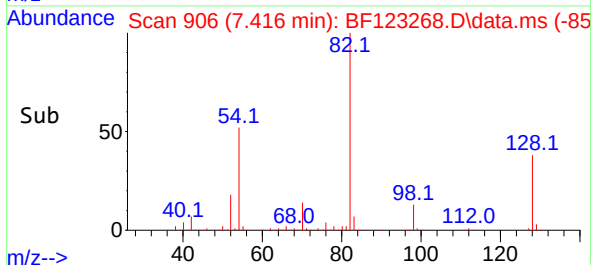
Tgt Ion:136 Resp: 589003
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 5.5 8.3#
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 56.86 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



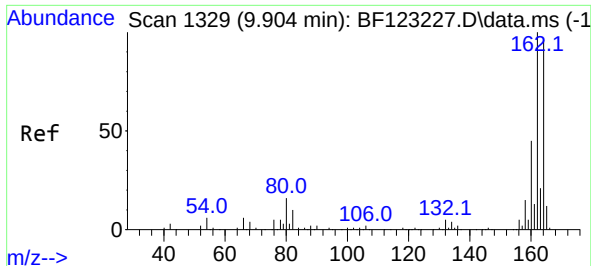
Tgt Ion: 82 Resp: 731654
Ion Ratio Lower Upper
82 100
128 38.1 37.0 55.4
54 51.9 38.4 57.6



Instrument :
BNA_F
ClientSampled :
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF123268.D

Acq: 22 Feb 2021 20:20

Tgt Ion:164 Resp: 293789

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 45.7 35.4 53.0

Instrument :

BNA_F

ClientSampled :

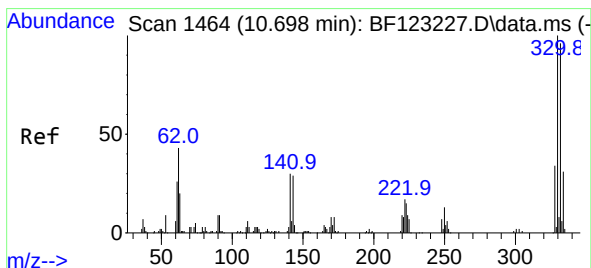
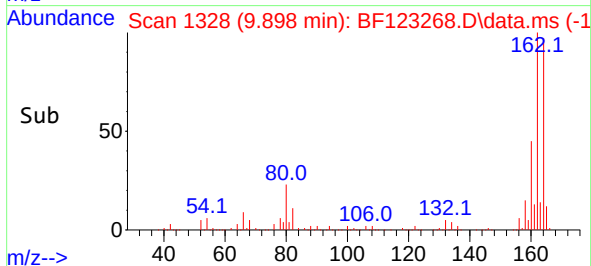
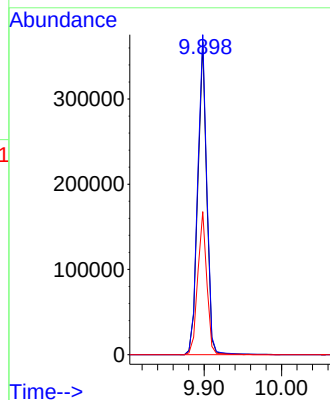
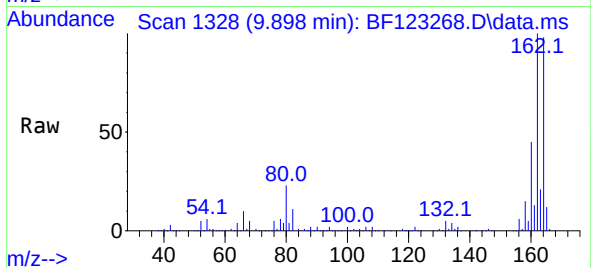
TP-2

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 98.59 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF123268.D

Acq: 22 Feb 2021 20:20

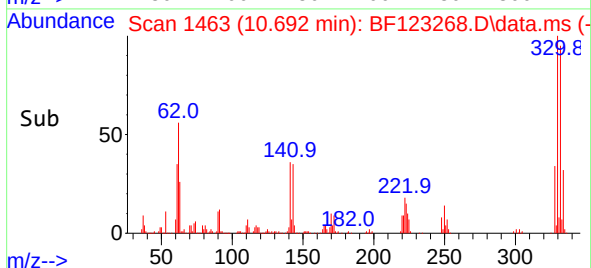
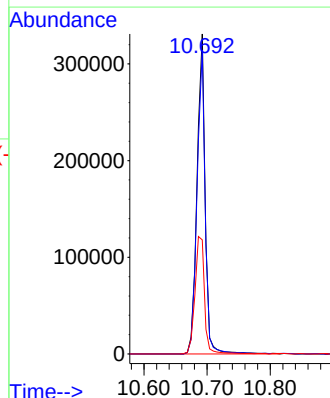
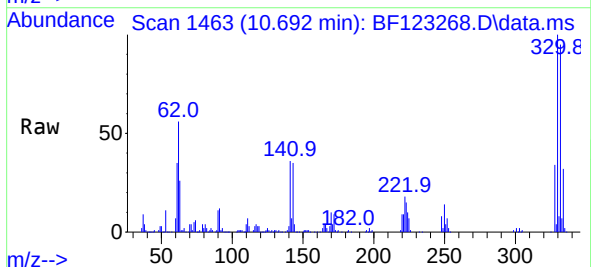
Tgt Ion:330 Resp: 294948

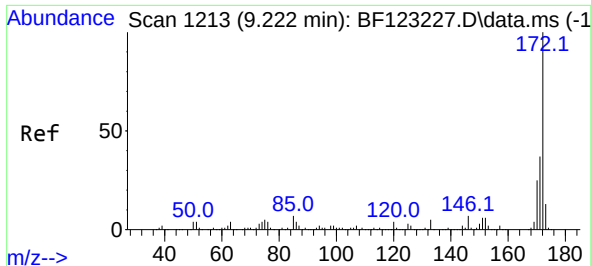
Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

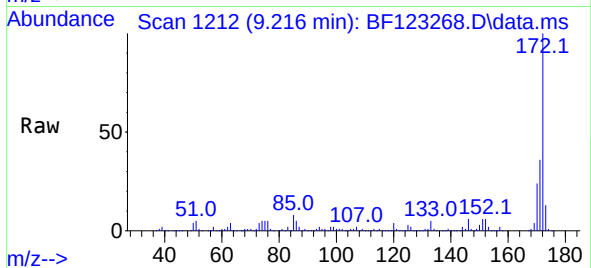
141 43.0 23.8 35.8#





#45
2-Fluorobiphenyl
Concen: 64.41 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

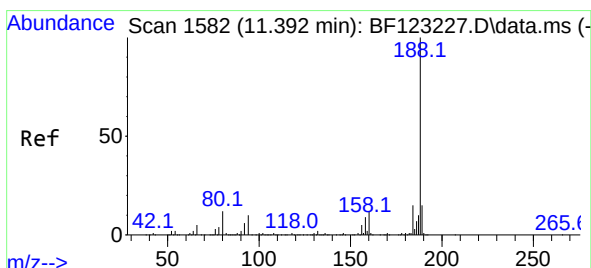
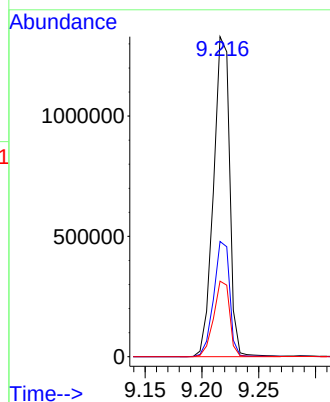
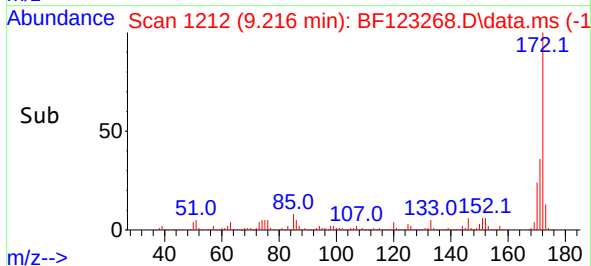
Instrument :
BNA_F
ClientSampled :
TP-2



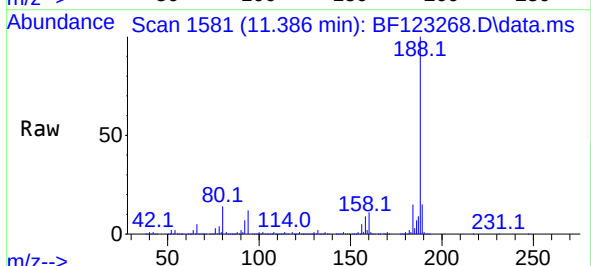
Tgt Ion:172 Resp: 1317298
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.5 29.3

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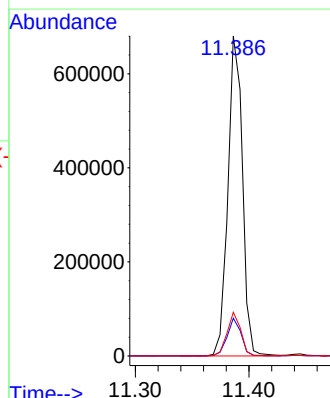
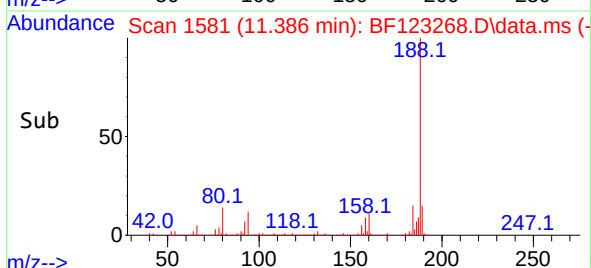
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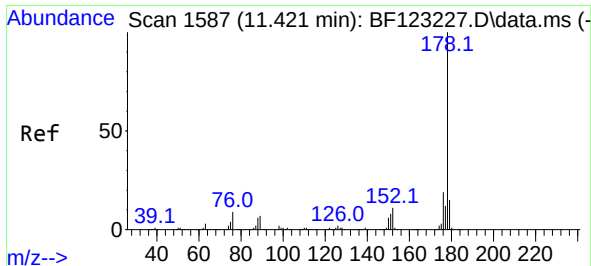


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



Tgt Ion:188 Resp: 604838
Ion Ratio Lower Upper
188 100
94 11.8 7.4 11.2#
80 13.6 8.2 12.4#





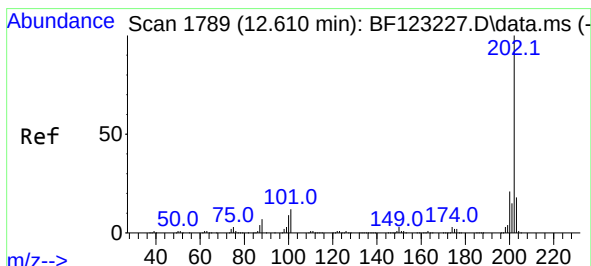
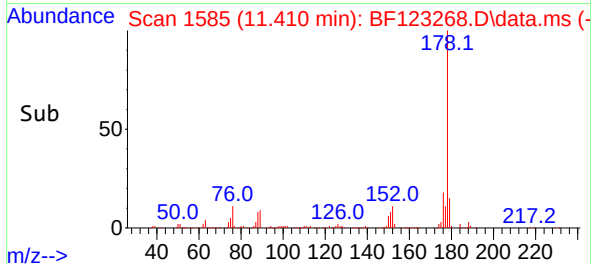
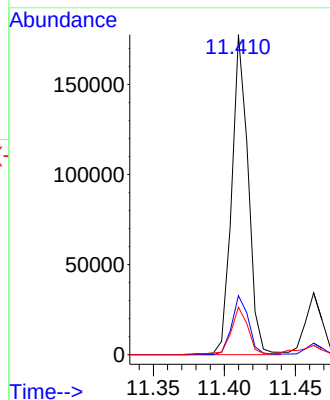
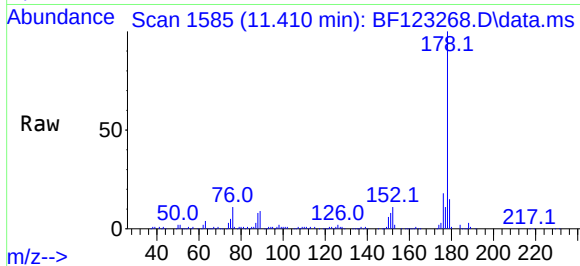
#71
Phenanthrene
Concen: 4.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

Tgt Ion:178 Resp: 143198
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.2
179 14.8 12.7 19.1

Instrument :
BNA_F
ClientSampled :
TP-2

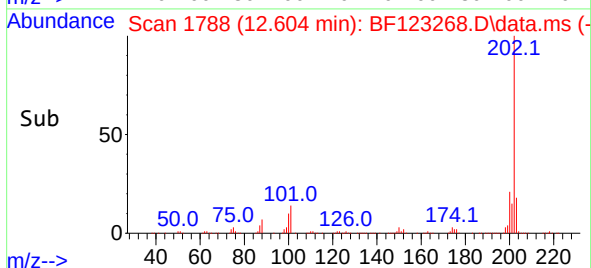
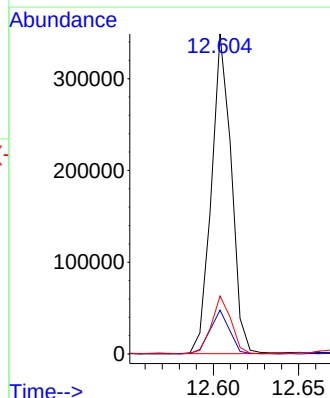
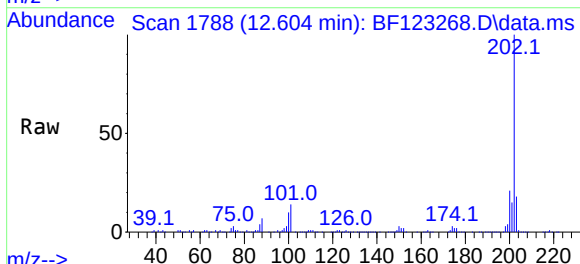
Manual Integrations
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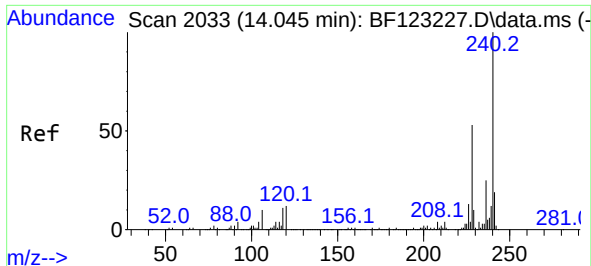
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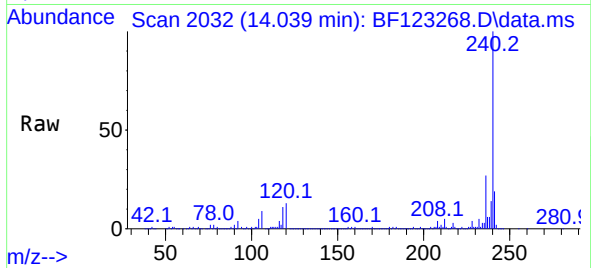
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Fluoranthene
Concen: 7.48 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

Tgt Ion:202 Resp: 283526
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.2
203 18.1 0.0 38.1

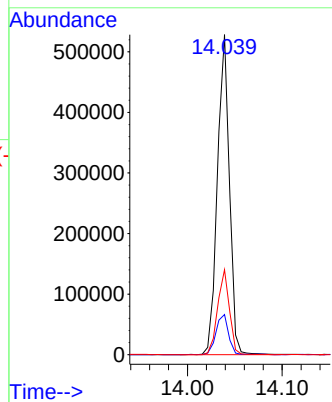
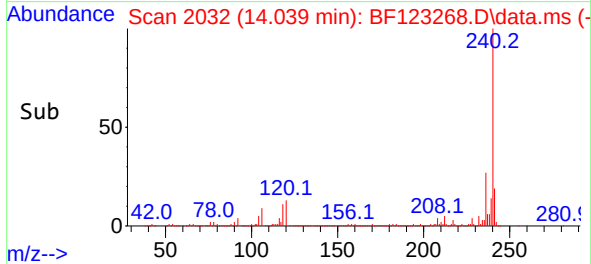




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



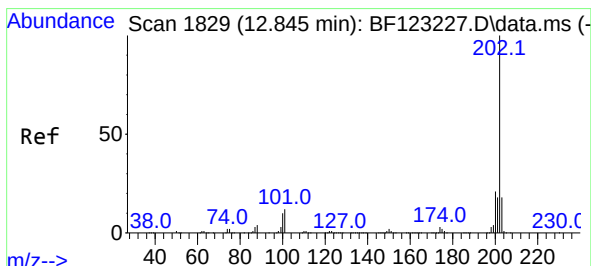
Tgt Ion:240 Resp: 467200
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.5 20.3 30.5



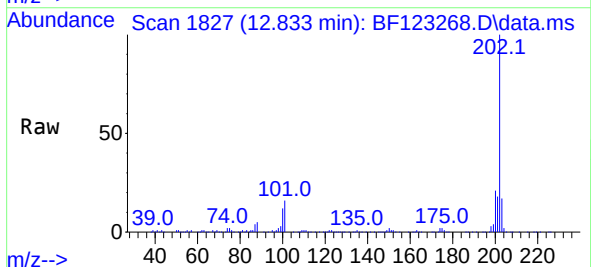
Instrument :
BNA_F
ClientSampled :
TP-2

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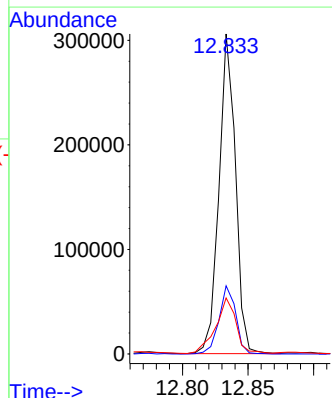
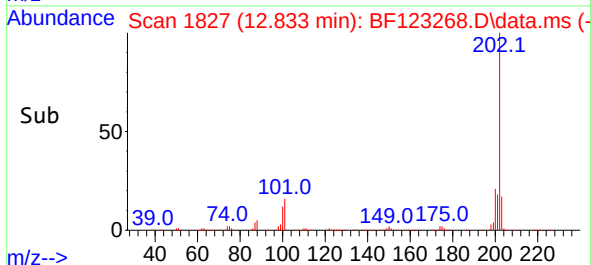
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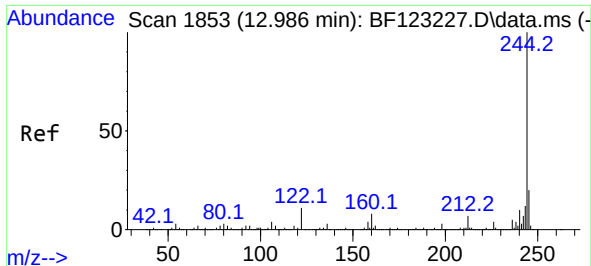


#78
Pyrene
Concen: 7.32 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20

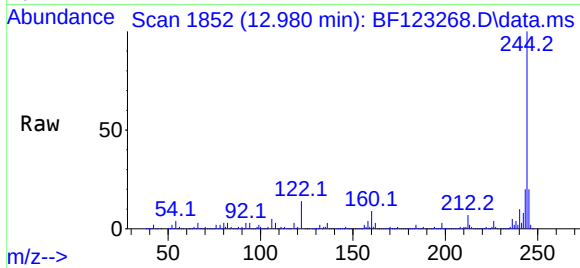


Tgt Ion:202 Resp: 267149
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.5 14.6 21.8

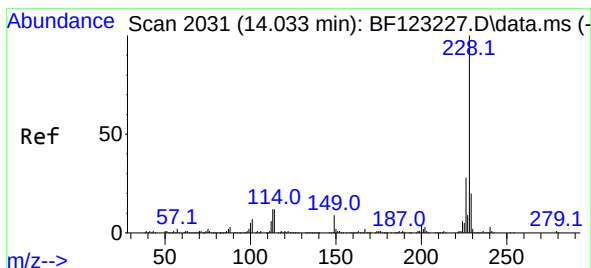
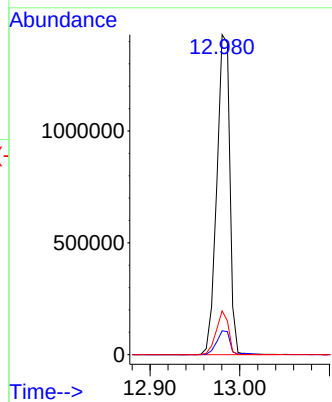
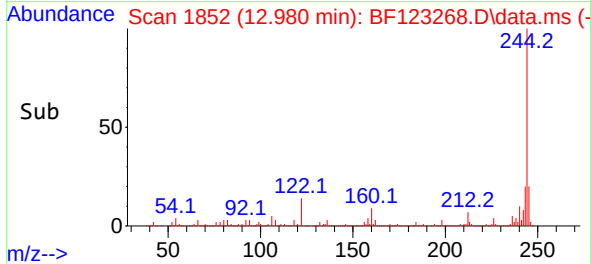




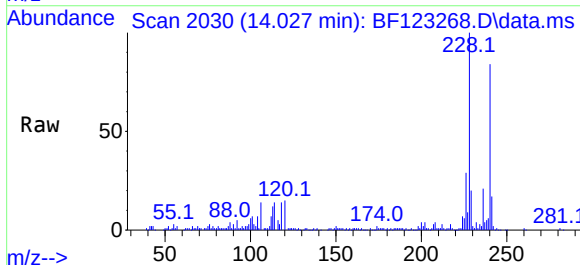
#79
Terphenyl-d14
Concen: 59.15 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



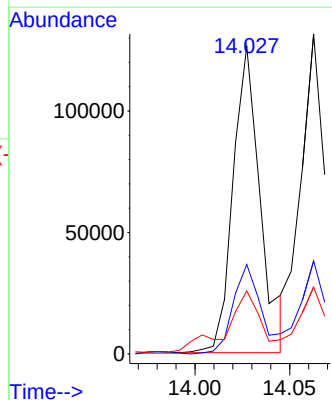
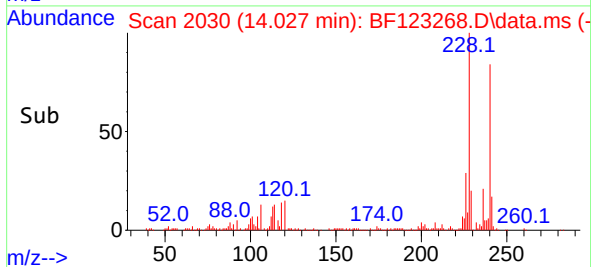
Tgt Ion:244 Resp: 1437145
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.7 8.3 12.5#



#81
Benzo(a)anthracene
Concen: 3.97 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



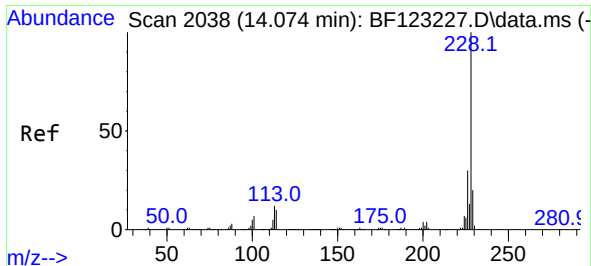
Tgt Ion:228 Resp: 126076
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 20.5 16.6 24.8



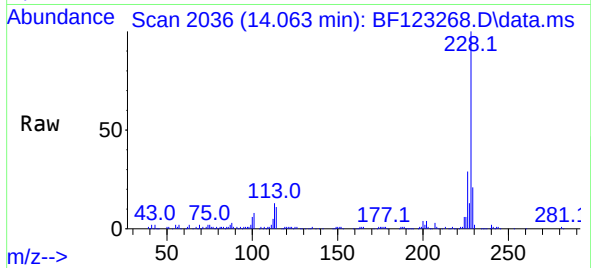
Instrument :
BNA_F
ClientSampled :
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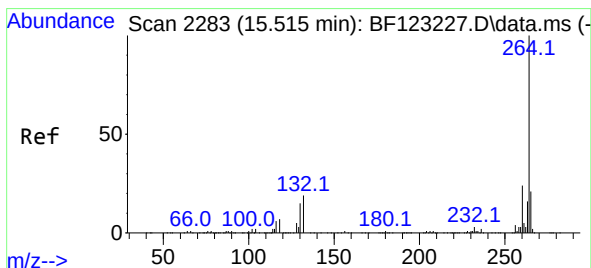
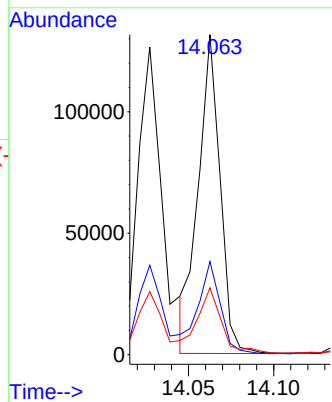
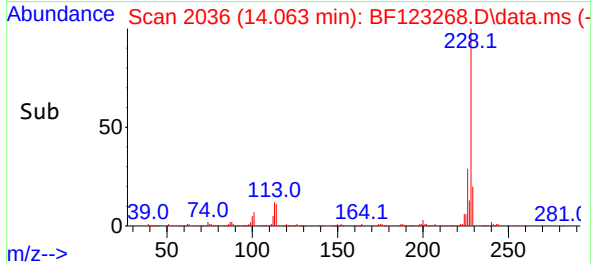
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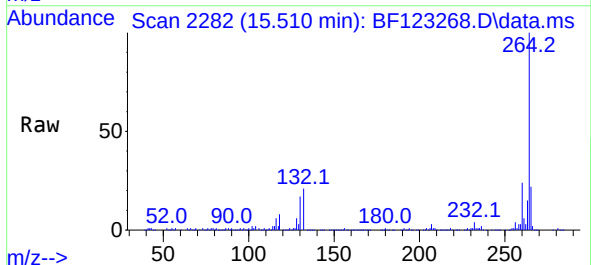
#83
Chrysene
Concen: 3.74 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



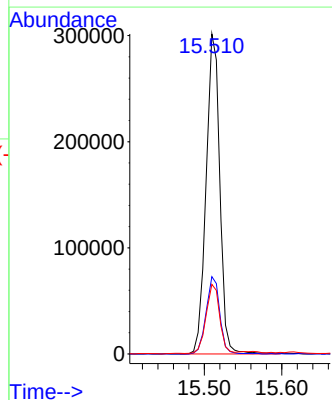
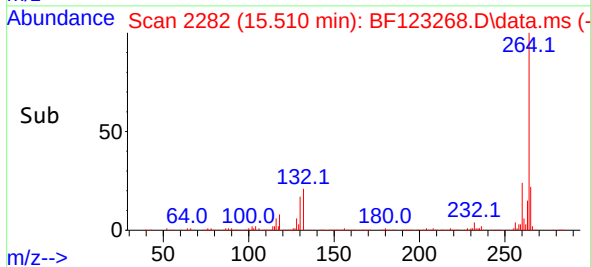
Tgt Ion:228 Resp: 116697
Ion Ratio Lower Upper
228 100
226 29.1 24.6 36.8
229 20.9 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



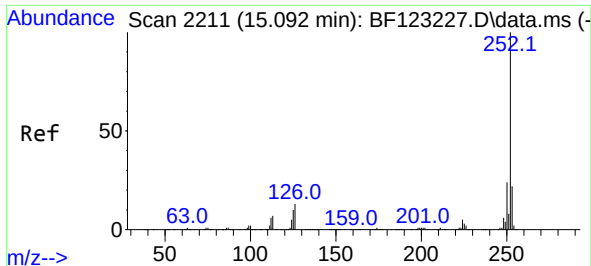
Tgt Ion:264 Resp: 370493
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.7 17.0 25.6



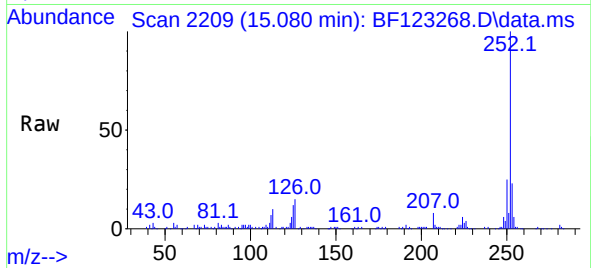
Instrument :
BNA_F
ClientSampled :
TP-2

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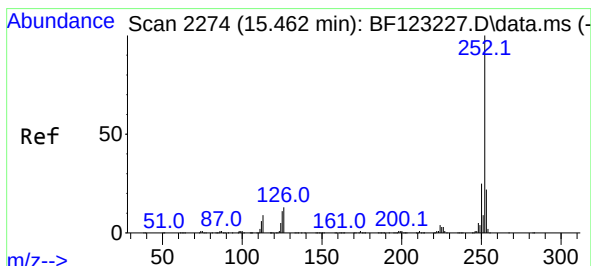
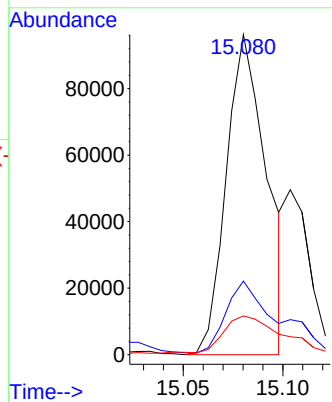
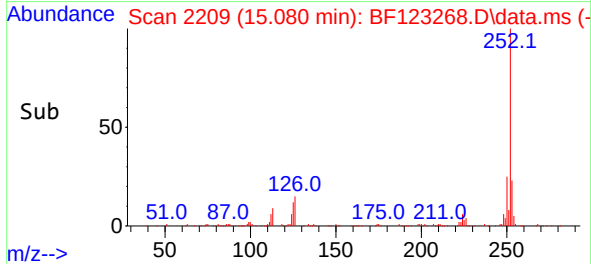
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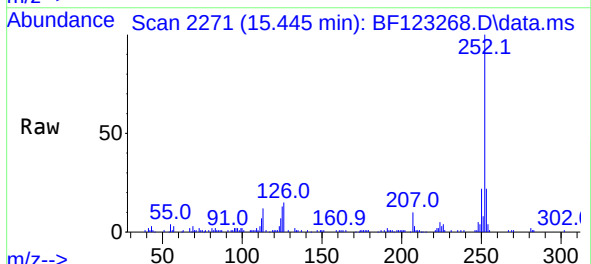
#88
Benzo(b)fluoranthene
Concen: 5.20 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



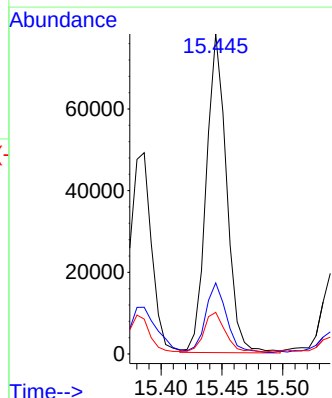
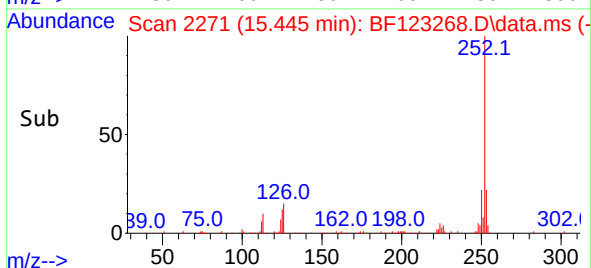
Tgt Ion:252 Resp: 135321
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 12.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 3.90 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF123268.D
Acq: 22 Feb 2021 20:20



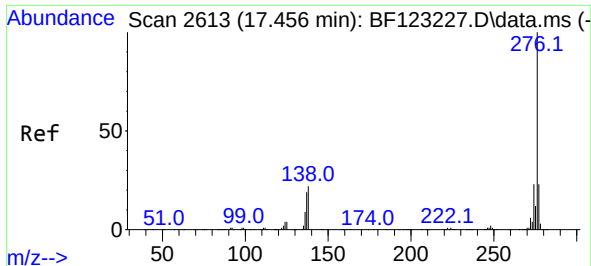
Tgt Ion:252 Resp: 90468
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.0 8.6 12.8#



Instrument :
BNA_F
ClientSampled :
TP-2

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#92
 Benzo(g,h,i)perylene
 Concen: 2.22 ng
 RT: 17.421 min Scan# 2607
 Delta R.T. -0.035 min
 Lab File: BF123268.D
 Acq: 22 Feb 2021 20:20

Tgt Ion:	276	Resp:	45017
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.3	28.9
138	23.4	16.6	24.8

Instrument :
 BNA_F
 ClientSampled :
 TP-2

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