

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123667.D
 Acq On : 21 Apr 2021 15:06
 Operator : JU/CG
 Sample : M2077-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-14.5-15.0

Manual Integrations
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 4/22/2021 12:10:20 PM

Quant Time: Apr 21 16:11:40 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	204779	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	753735	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	361361	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	647137	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	409611	20.00	ng	0.00
86) Perylene-d12	15.515	264	453281	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	982798	77.57	ng	0.00
7) Phenol-d6	6.481	99	1256911	71.59	ng	-0.01
23) Nitrobenzene-d5	7.410	82	853434	52.05	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	295770	72.28	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1217857	50.24	ng	0.00
79) Terphenyl-d14	12.974	244	933711	44.30	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.157	128	134824	3.47	ng	98
50) Dimethylphthalate	9.604	163	52054	2.09	ng	# 96
71) Phenanthrene	11.404	178	163660	4.85	ng	97
75) Fluoranthene	12.615	202	148650	4.00	ng	97
78) Pyrene	12.833	202	140409	4.70	ng	97
81) Benzo(a)anthracene	14.021	228	59093m	2.35	ng	
83) Chrysene	14.057	228	55098	2.19	ng	96
88) Benzo(b)fluoranthene	15.074	252	71233m	2.23	ng	
90) Benzo(a)pyrene	15.445	252	53554	2.10	ng	# 72

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

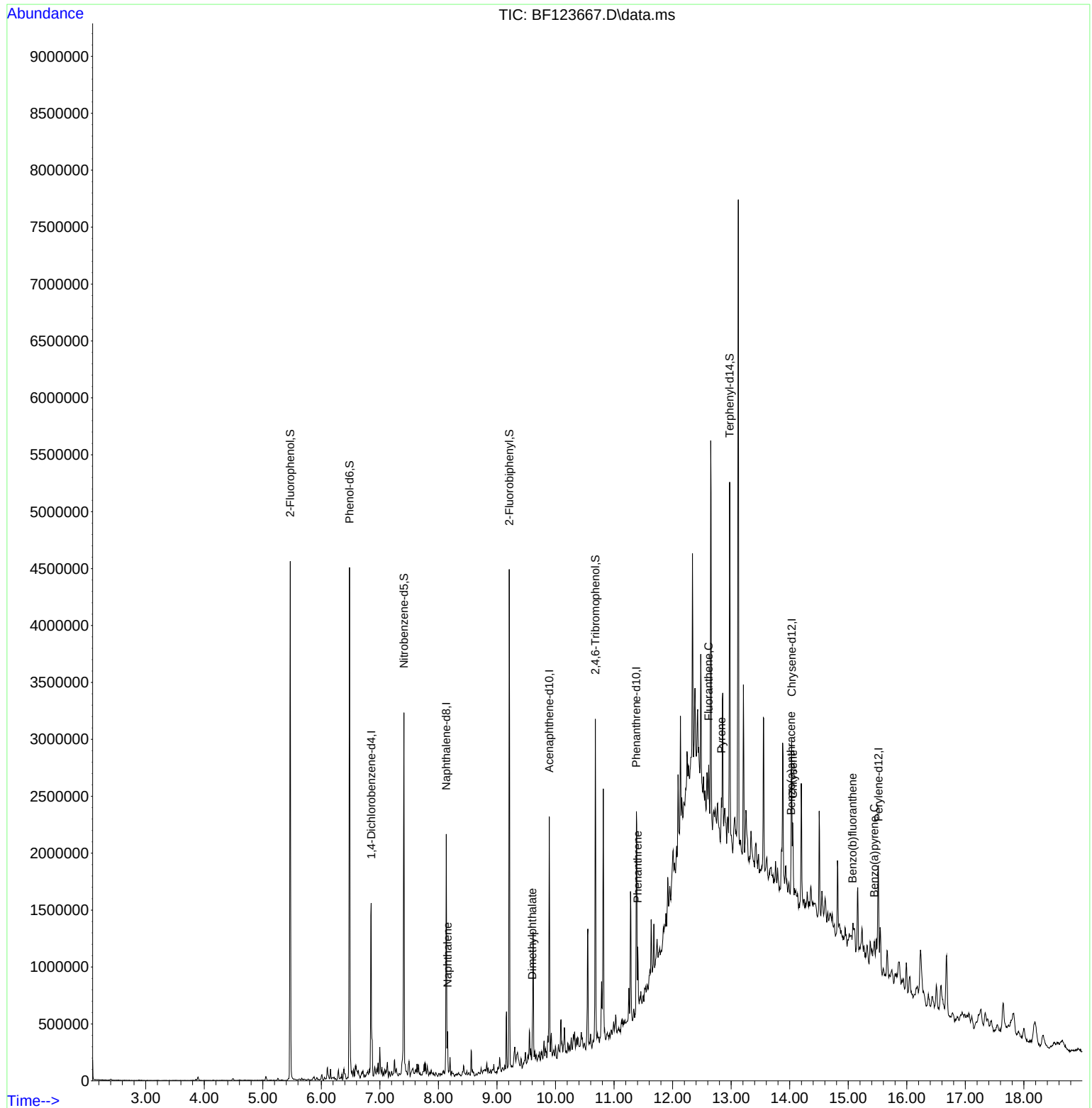
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123667.D
Acq On : 21 Apr 2021 15:06
Operator : JU/CG
Sample : M2077-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

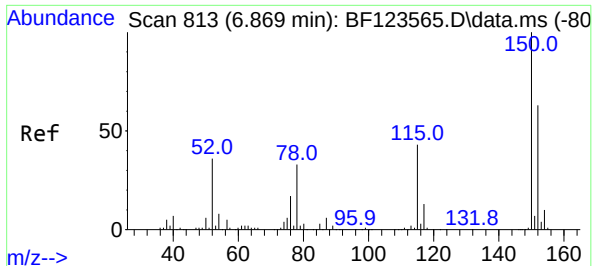
Instrument :
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SB-21-14.5-15.0

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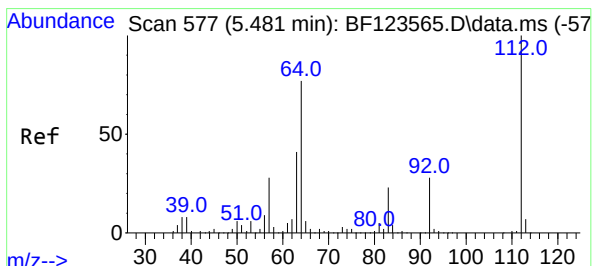
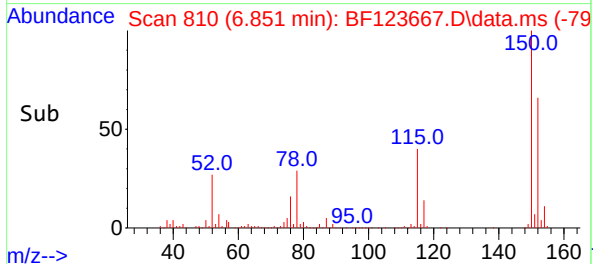
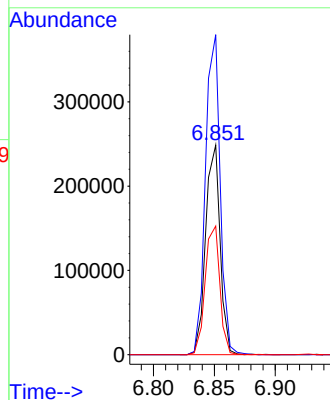
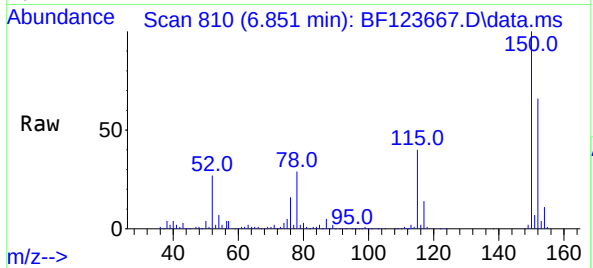
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:152 Resp: 204779
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 61.3 54.3 81.5

Instrument :
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ClientSampleId :
SB-21-14.5-15.0

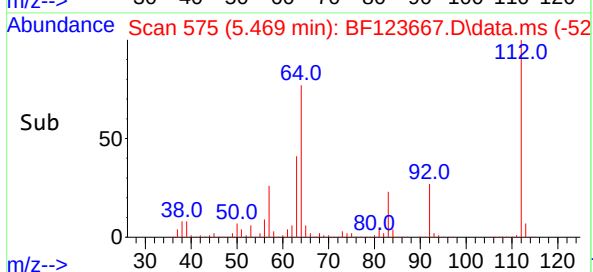
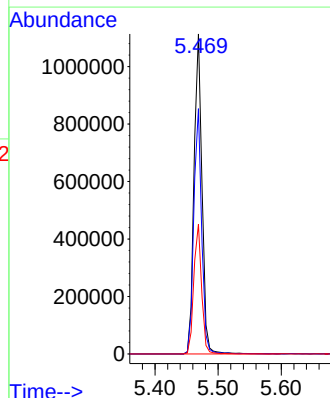
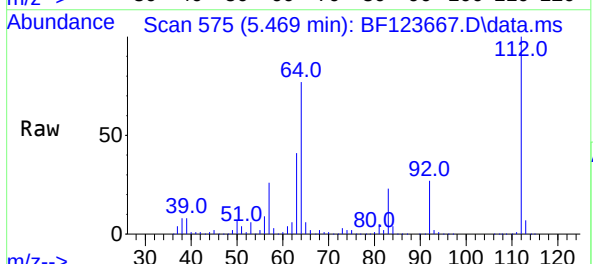
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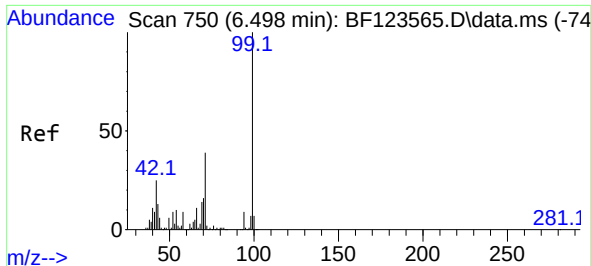
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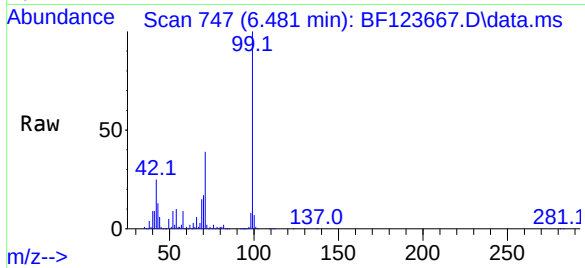
#5
2-Fluorophenol
Concen: 77.57 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:112 Resp: 982798
Ion Ratio Lower Upper
112 100
64 76.7 61.4 92.0
63 40.6 33.0 49.4



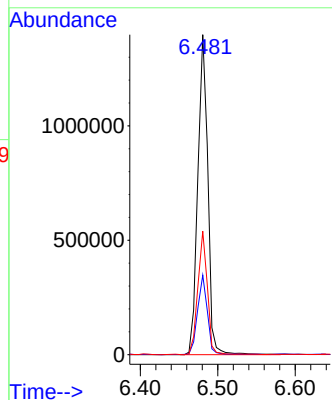


#7
Phenol-d6
Concen: 71.59 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



Tgt Ion: 99 Resp: 1256911

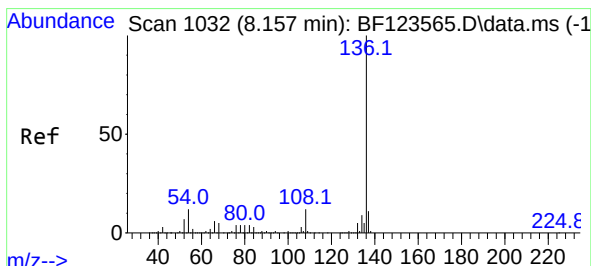
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	38.6	31.1	46.7



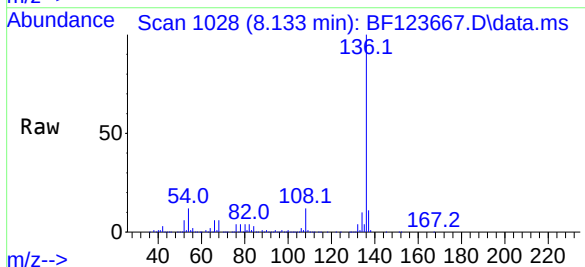
Instrument :
BNA_F
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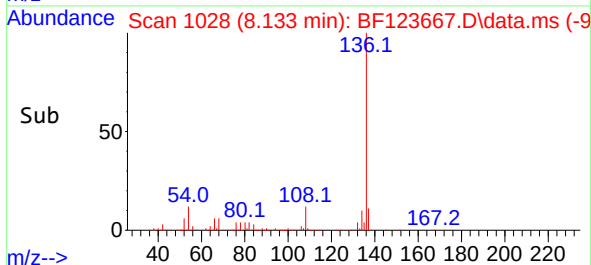
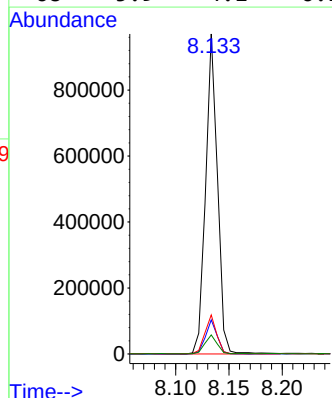


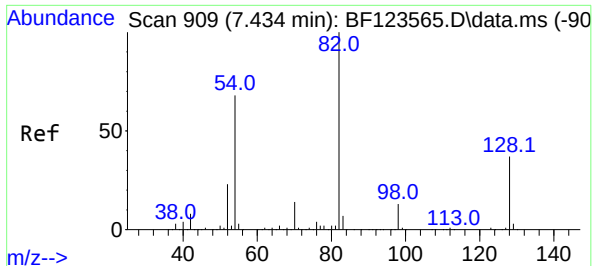
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



Tgt Ion: 136 Resp: 753735

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.2	9.8	14.6
68	5.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 52.05 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:	82	Resp:	853434
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	64.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

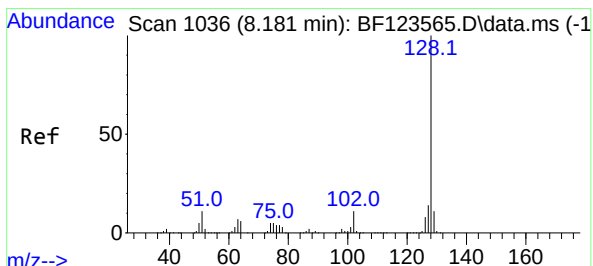
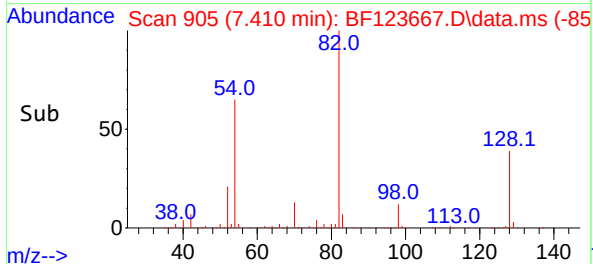
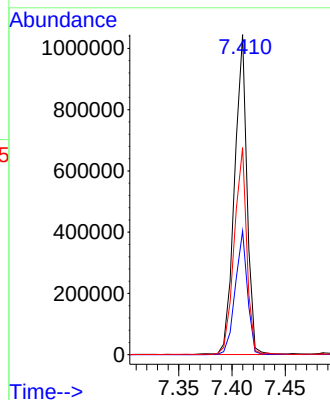
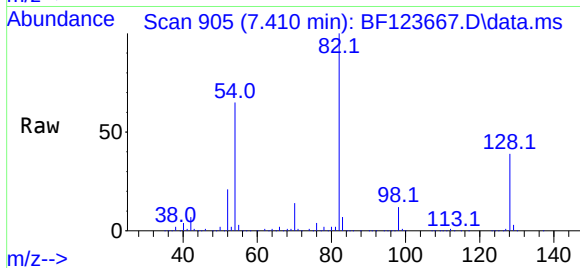
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#31

Naphthalene

Concen: 3.47 ng

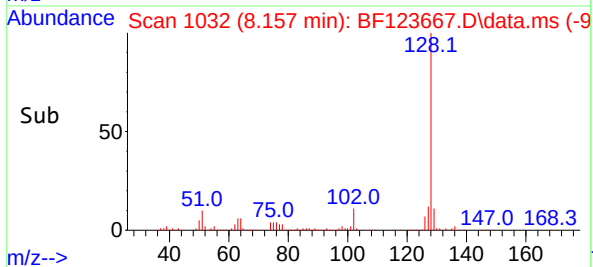
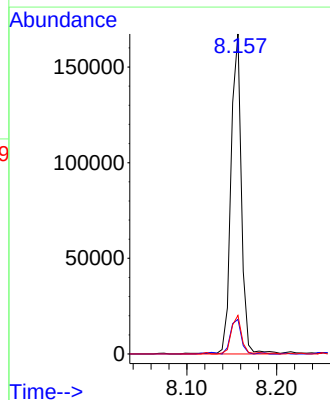
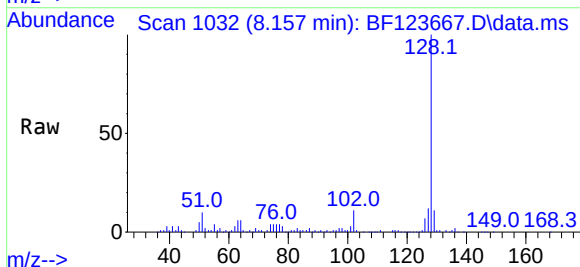
RT: 8.157 min Scan# 1032

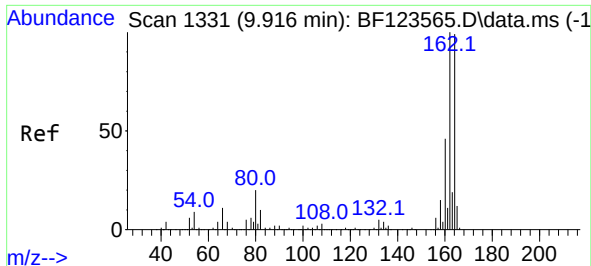
Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:	128	Resp:	134824
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.1	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:	164	Resp:	361361
Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.7	121.1
160	45.7	37.3	55.9

Instrument :

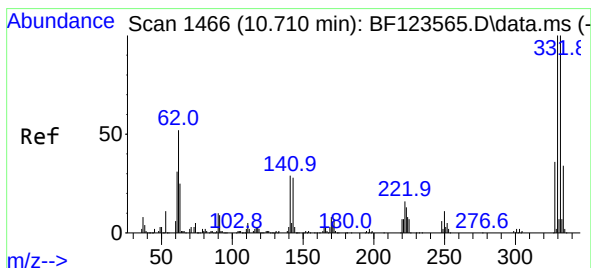
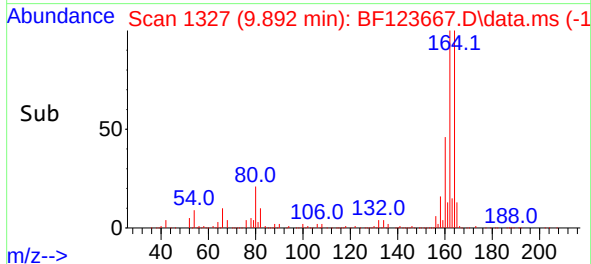
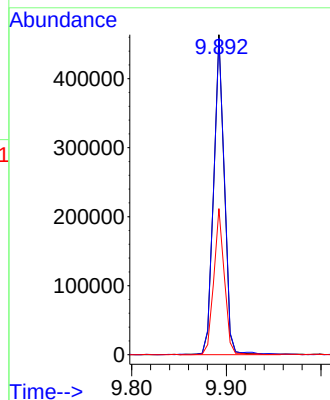
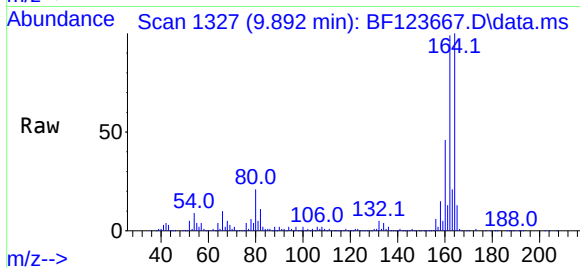
BNA_F

ClientSampleId :

SB-21-14.5-15.0

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#42

2,4,6-Tribromophenol

Concen: 72.28 ng

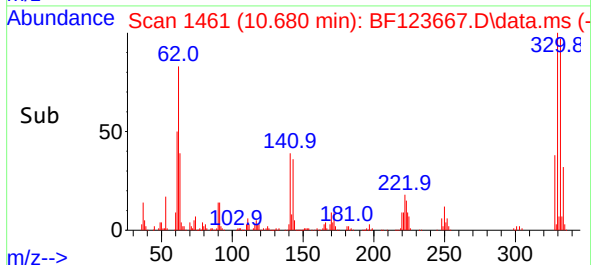
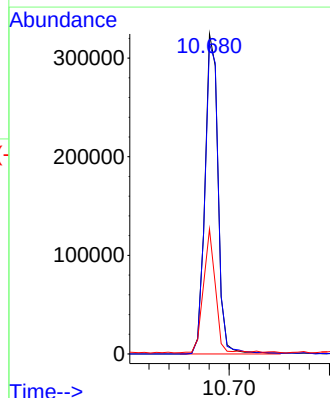
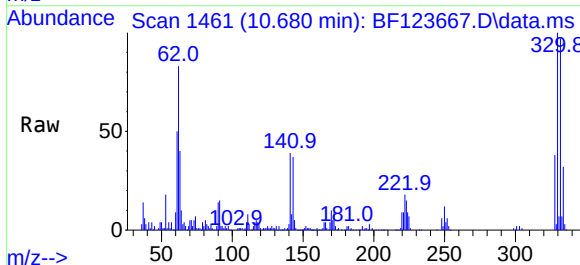
RT: 10.680 min Scan# 1461

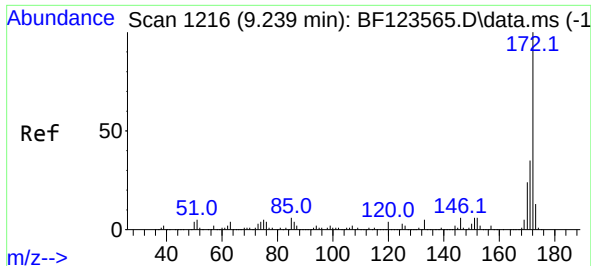
Delta R.T. -0.006 min

Lab File: BF123667.D

Acq: 21 Apr 2021 15:06

Tgt Ion:	330	Resp:	295770
Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.1	115.7
141	35.2	27.9	41.9





#45
2-Fluorobiphenyl
Concen: 50.24 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

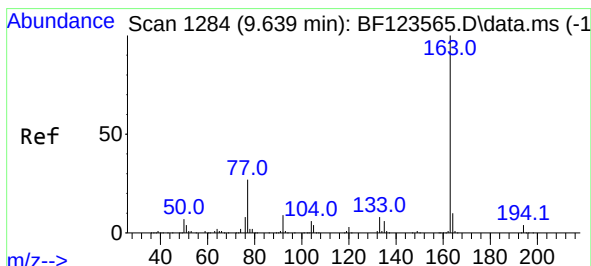
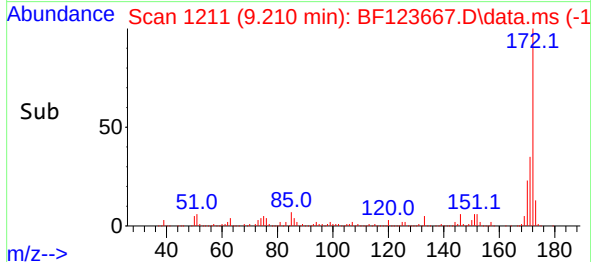
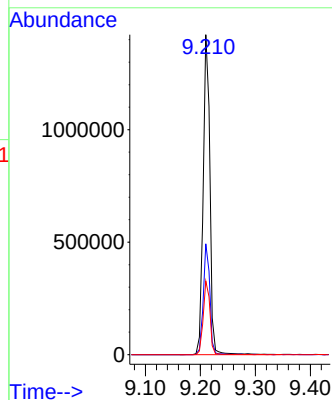
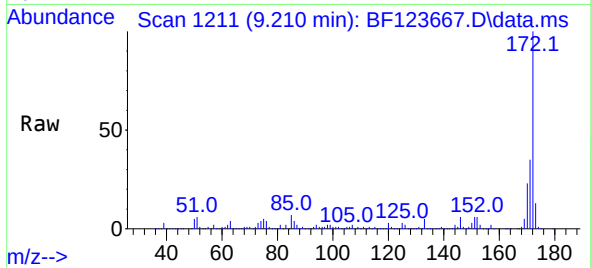
Tgt Ion:172 Resp: 1217857

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.0	19.2	28.8

Instrument :
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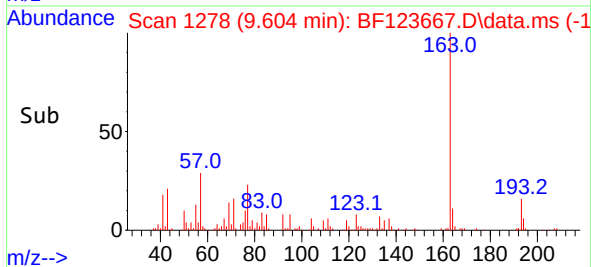
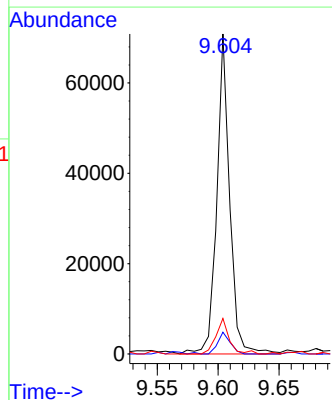
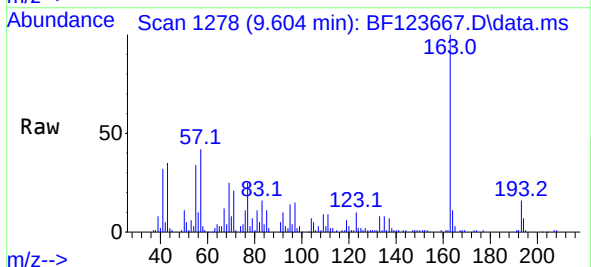
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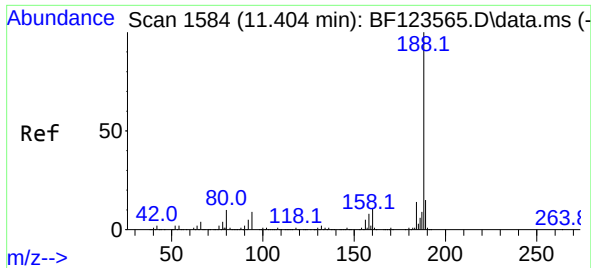


#50
Dimethylphthalate
Concen: 2.09 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Tgt Ion:163 Resp: 52054

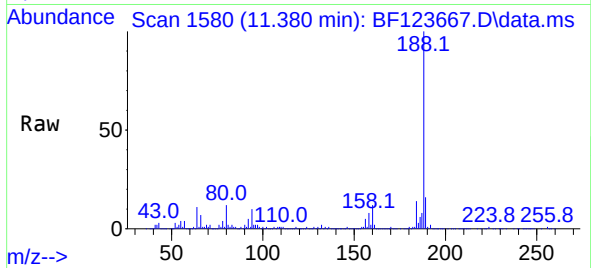
Ion	Ratio	Lower	Upper
163	100		
194	6.8	3.1	4.7#
164	11.1	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

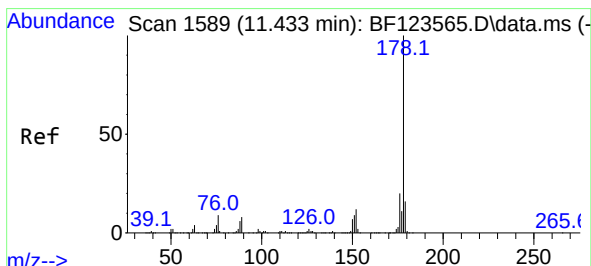
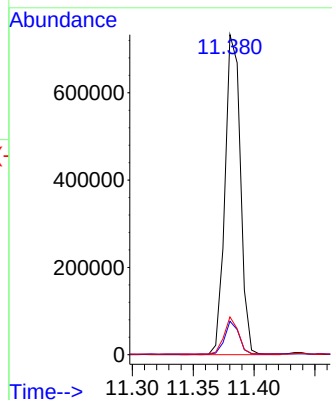
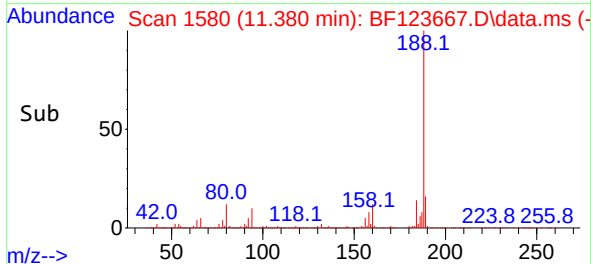
Instrument :
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ClientSampleId :
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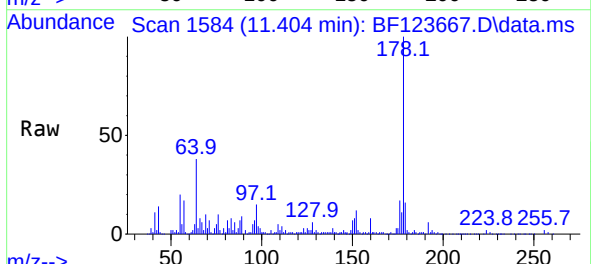
Tgt Ion:188 Resp: 647137
Ion Ratio Lower Upper
188 100
94 10.4 6.9 10.3#
80 11.8 8.2 12.2

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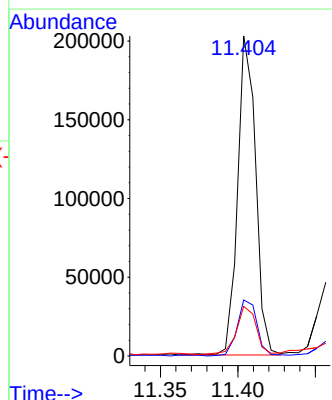
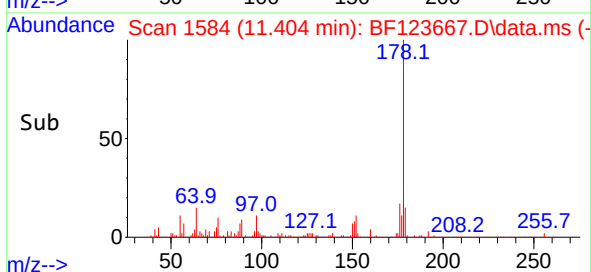
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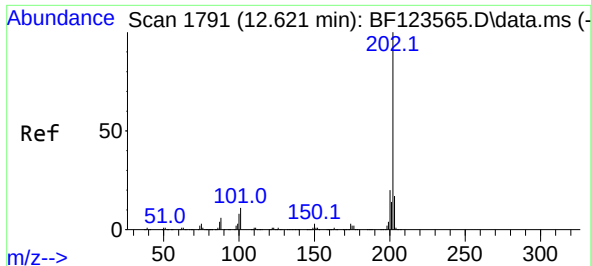


#71
Phenanthrene
Concen: 4.85 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



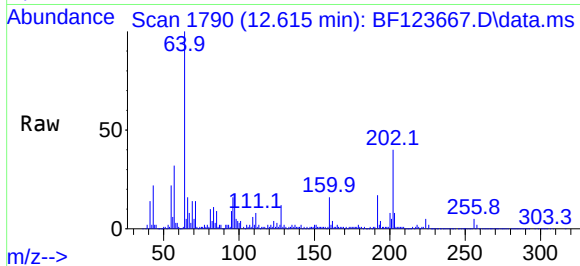
Tgt Ion:178 Resp: 163660
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 15.5 12.5 18.7





#75
Fluoranthene
Concen: 4.00 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

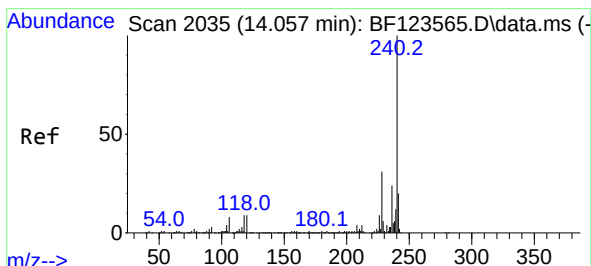
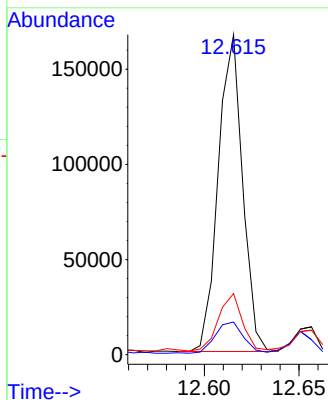
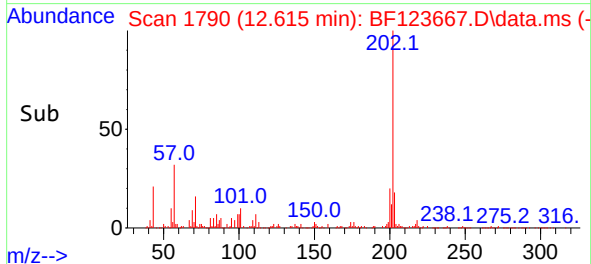
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0



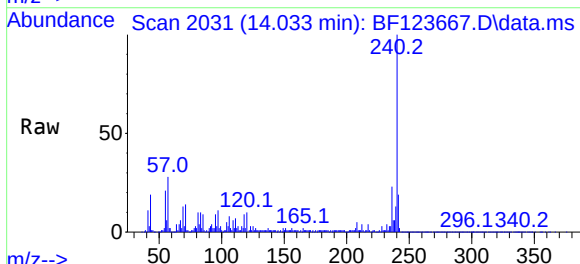
Tgt Ion:202 Resp: 148650
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 19.1 0.0 37.5

Manual Integrations
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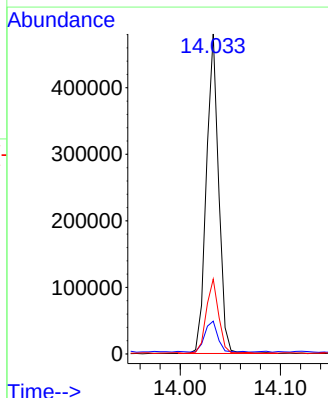
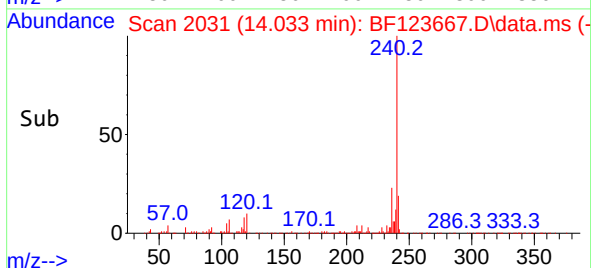
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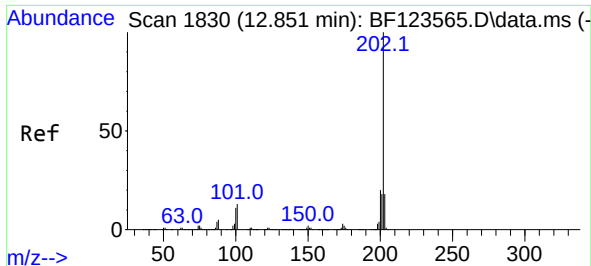


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

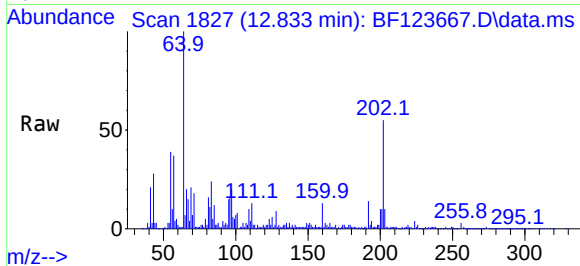


Tgt Ion:240 Resp: 409611
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 23.4 19.0 28.4

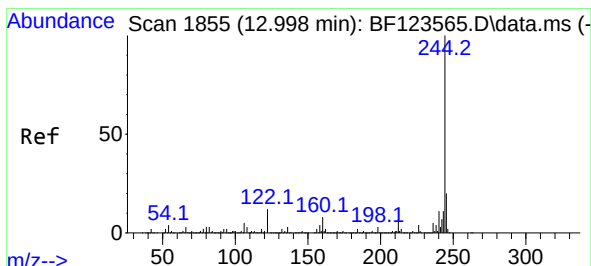
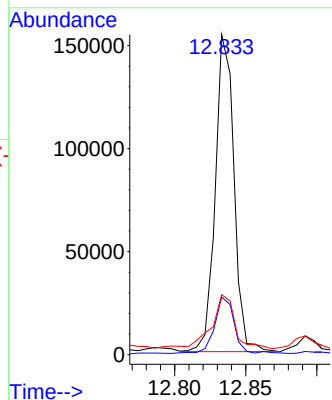
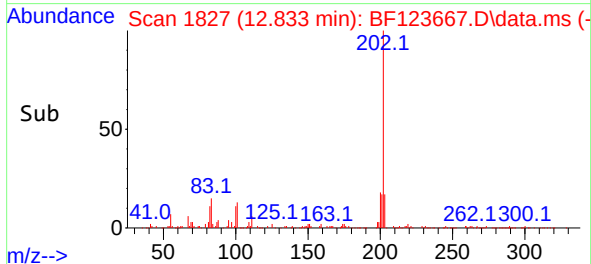




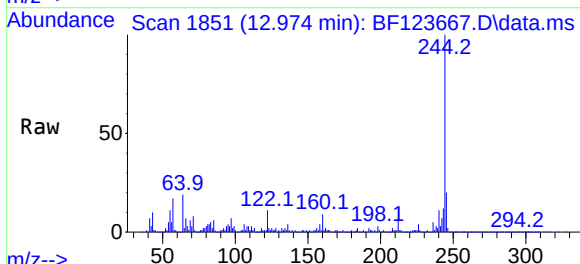
#78
Pyrene
Concen: 4.70 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



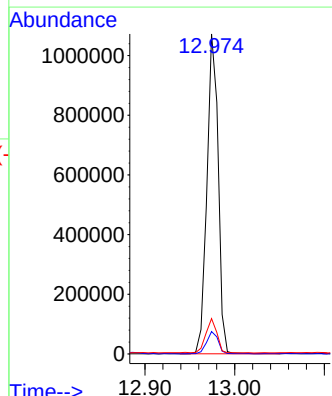
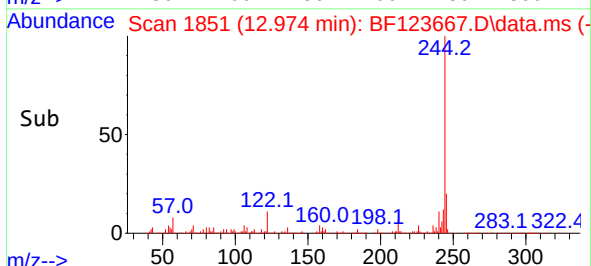
Tgt Ion:202 Resp: 140409
Ion Ratio Lower Upper
202 100
200 18.0 16.1 24.1
203 18.8 14.8 22.2



#79
Terphenyl-d14
Concen: 44.30 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



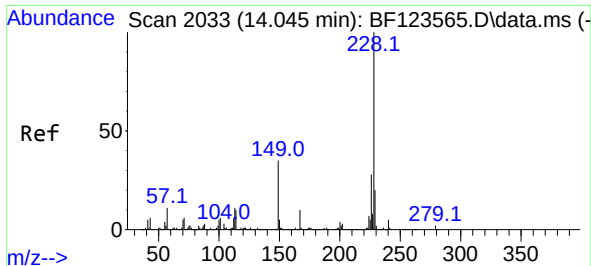
Tgt Ion:244 Resp: 933711
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.1 9.7 14.5



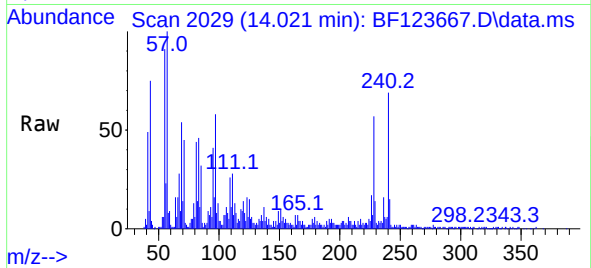
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0

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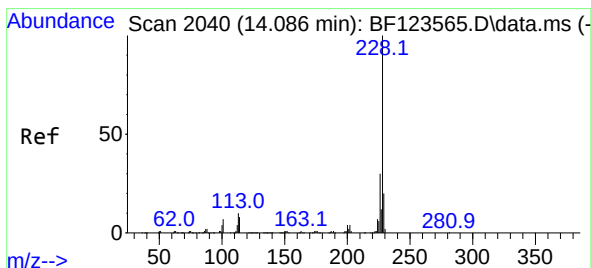
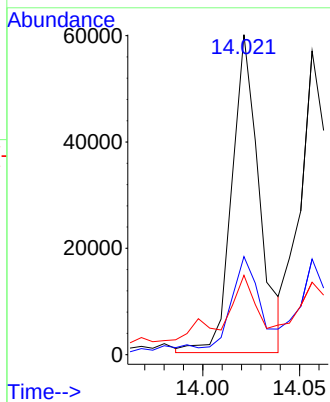
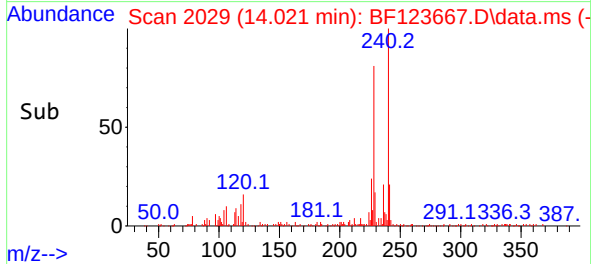
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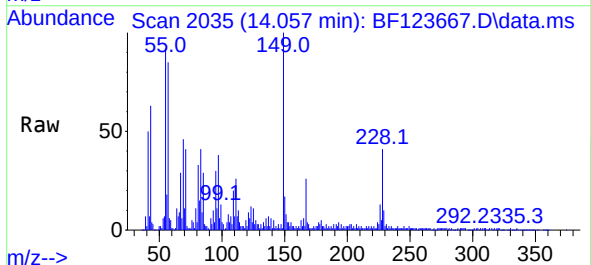
#81
Benzo(a)anthracene
Concen: 2.35 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



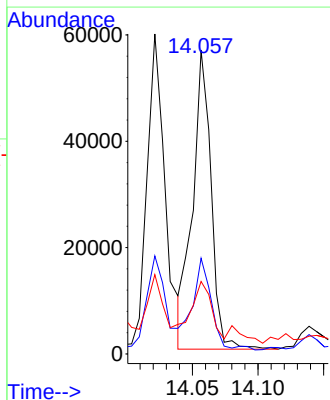
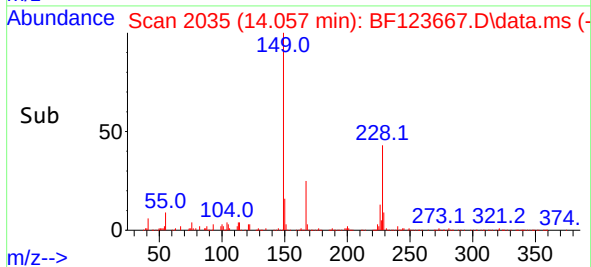
Tgt Ion:228 Resp: 59093
Ion Ratio Lower Upper
228 100
226 30.6 22.4 33.6
229 24.8 16.0 24.0#



#83
Chrysene
Concen: 2.19 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



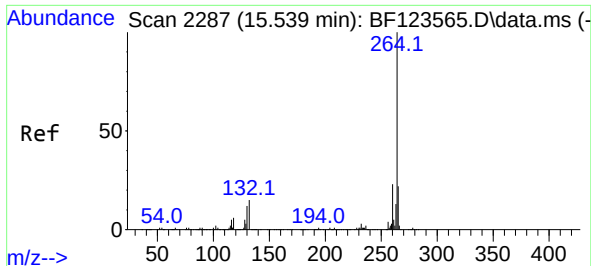
Tgt Ion:228 Resp: 55098
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.9 16.2 24.2



Instrument :
BNA_F
ClientSampled :
SB-21-14.5-15.0

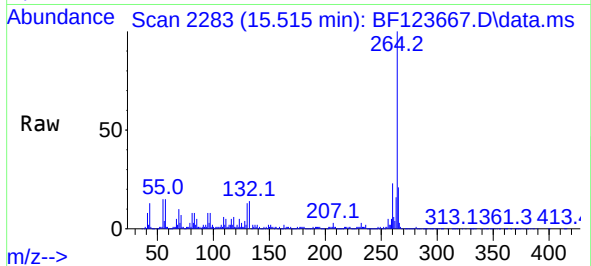
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

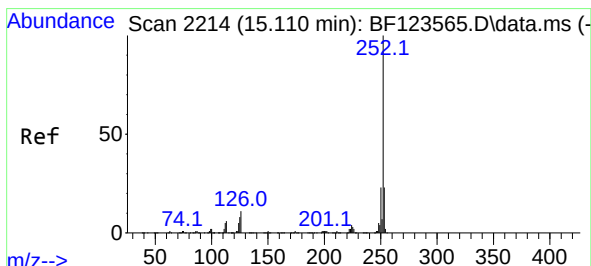
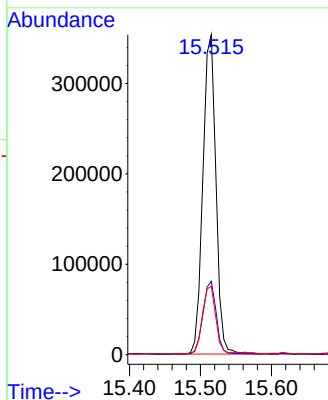
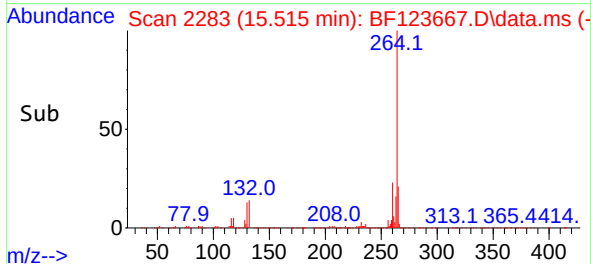
Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0



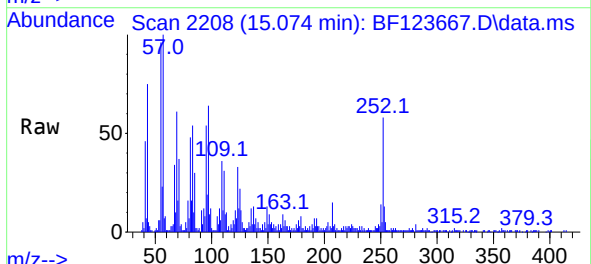
Tgt Ion:264 Resp: 453281
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.4 17.8 26.8

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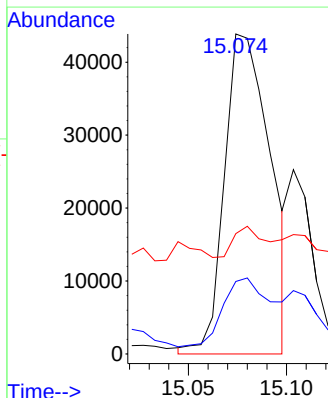
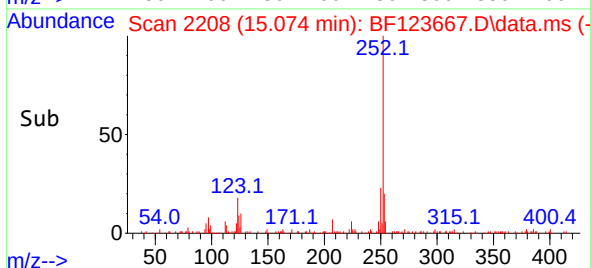
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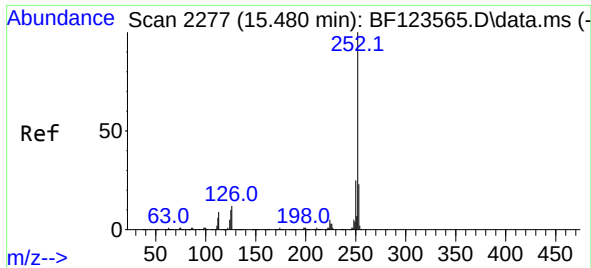


#88
Benzo(b)fluoranthene
Concen: 2.23 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06



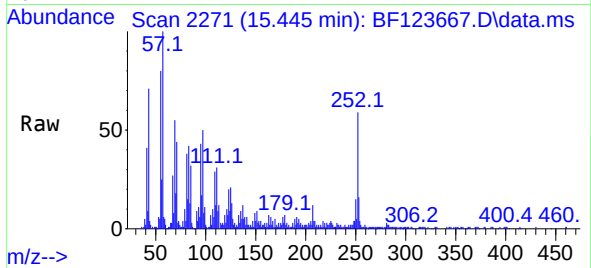
Tgt Ion:252 Resp: 71233
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 37.6 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.10 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF123667.D
Acq: 21 Apr 2021 15:06

Instrument :
BNA_F
ClientSampleId :
SB-21-14.5-15.0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.4	27.6#
125	36.0	8.0	12.0#

Manual Integrations
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