

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123996.D
 Acq On : 19 May 2021 18:22
 Operator : JU/CG
 Sample : M2437-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: May 20 02:26:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	45471	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	185347	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	105566	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	170917	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	124709	20.00	ng	0.00
86) Perylene-d12	15.568	264	92189	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	40855	12.62	ng	0.00
7) Phenol-d6	6.516	99	53967	12.85	ng	0.00
23) Nitrobenzene-d5	7.457	82	40546	9.43	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	14080	11.10	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	69286	8.08	ng	0.00
79) Terphenyl-d14	13.010	244	56493	6.86	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	184628	17.04	ng	98
72) Anthracene	11.504	178	33112	3.02	ng	96
75) Fluoranthene	12.645	202	419017	37.36	ng	99
78) Pyrene	12.874	202	375594	33.92	ng	100
81) Benzo(a)anthracene	14.063	228	178892	19.83	ng	99
83) Chrysene	14.098	228	151811	17.50	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	70427	9.89	ng	98
88) Benzo(b)fluoranthene	15.133	252	188666m	26.46	ng	
89) Benzo(k)fluoranthene	15.157	252	72267m	11.12	ng	
90) Benzo(a)pyrene	15.504	252	130785	21.22	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	19019m	3.17	ng	
92) Benzo(g,h,i)perylene	17.527	276	68120m	11.33	ng	

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

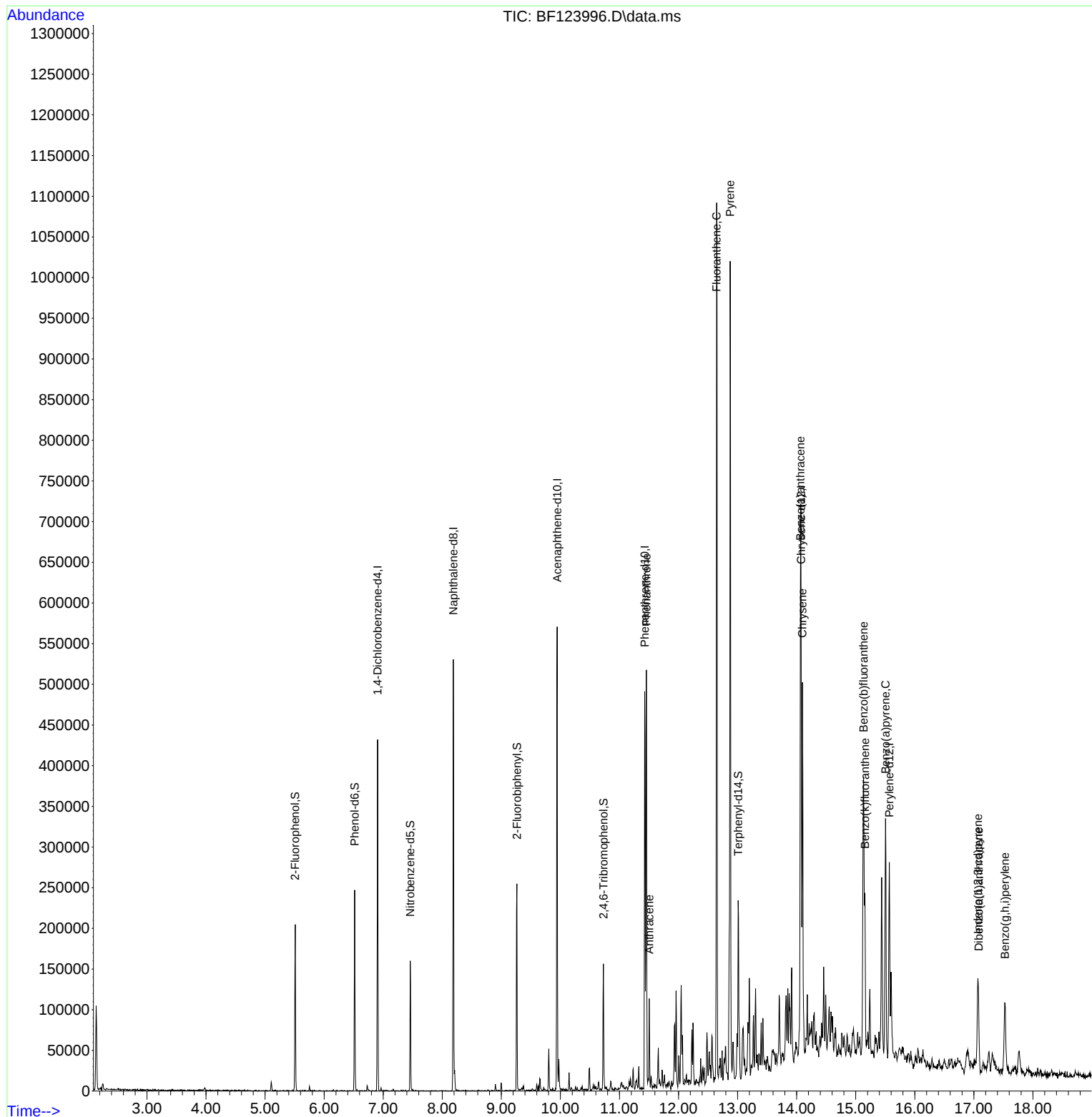
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123996.D
Acq On : 19 May 2021 18:22
Operator : JU/CG
Sample : M2437-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

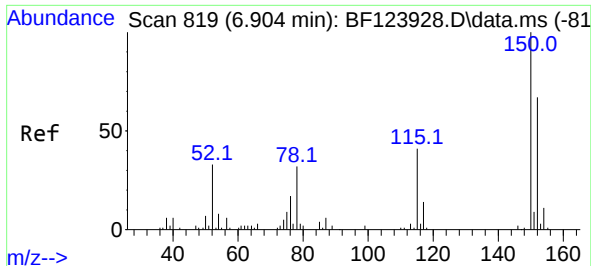
Instrument :
BNA_F
ClientSampled :
TP-1

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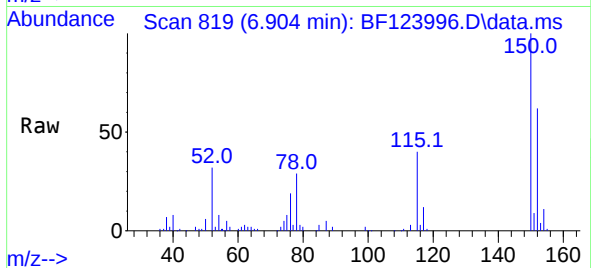
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Quant Time: May 20 02:26:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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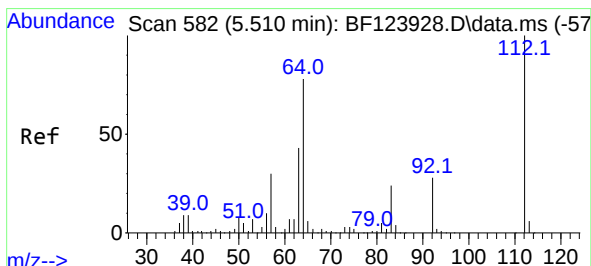
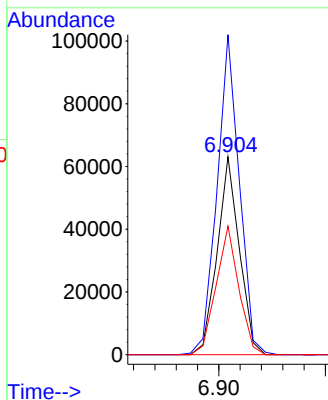
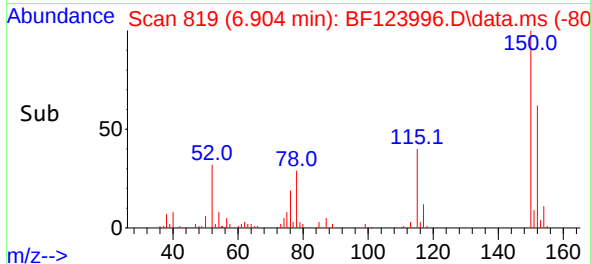




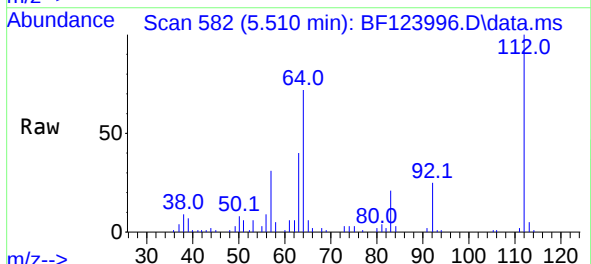
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



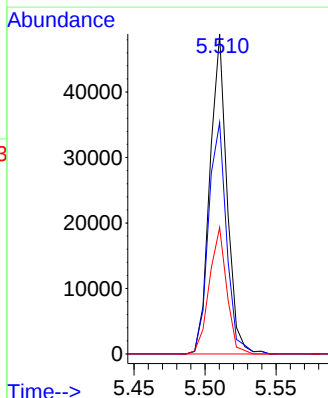
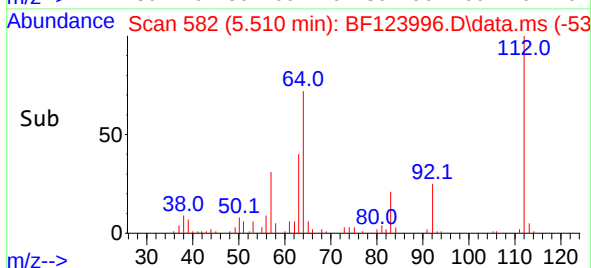
Tgt Ion:152 Resp: 45471
Ion Ratio Lower Upper
152 100
150 161.7 127.0 190.6
115 65.1 54.3 81.5



#5
2-Fluorophenol
Concen: 12.62 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



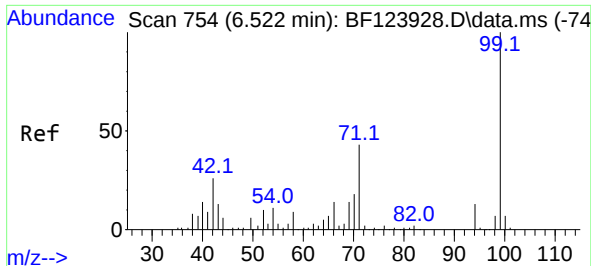
Tgt Ion:112 Resp: 40855
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 39.5 33.0 49.4



Instrument :
BNA_F
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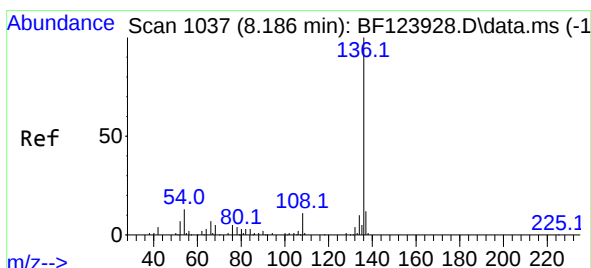
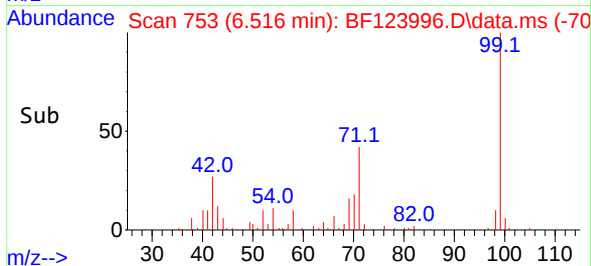
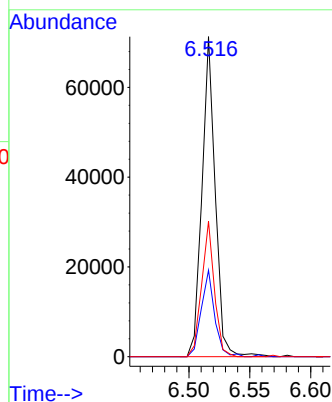
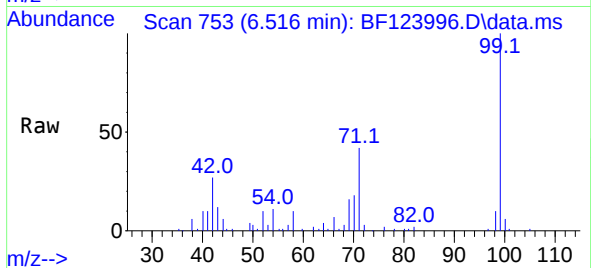
#7
Phenol-d6
Concen: 12.85 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:	99	Resp:	53967
Ion	Ratio	Lower	Upper
99	100		
42	27.0	19.8	29.8
71	42.3	31.1	46.7

Instrument :
BNA_F
ClientSampled :
TP-1

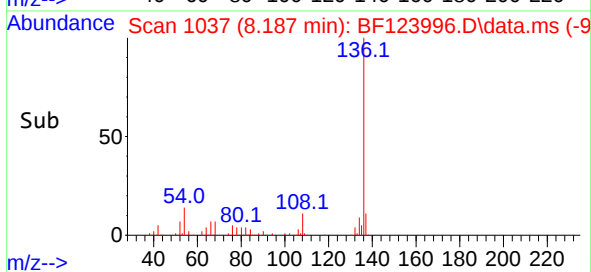
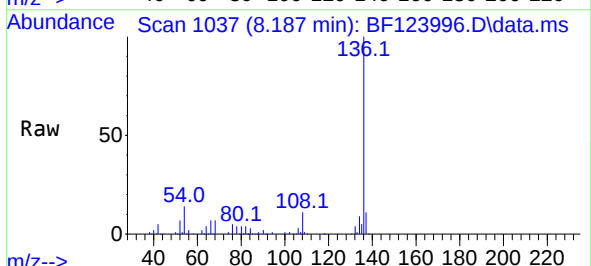
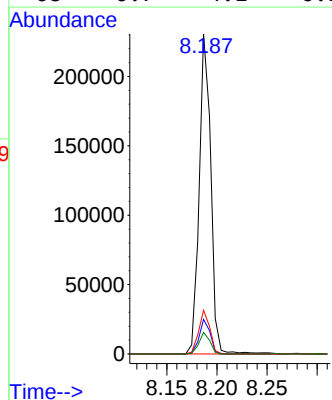
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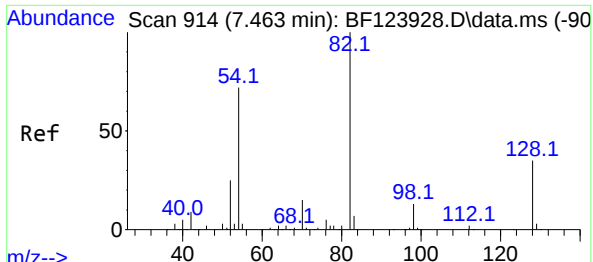
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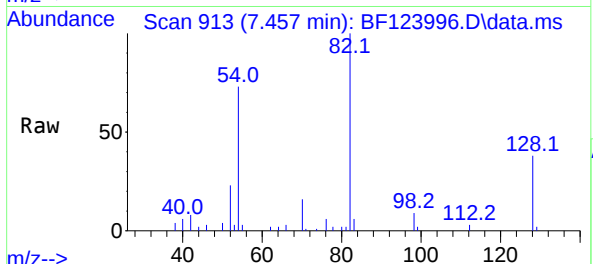
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:	136	Resp:	185347
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	13.7	9.8	14.6
68	6.7	4.1	6.1

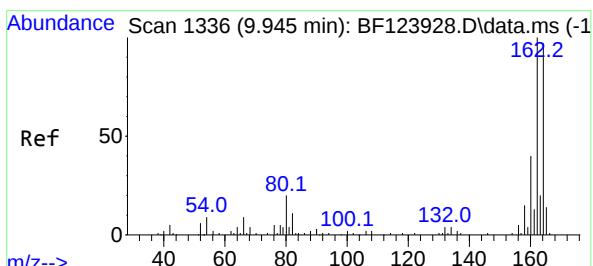
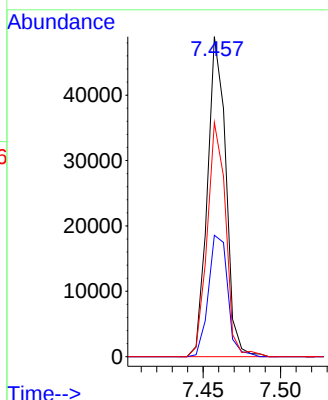
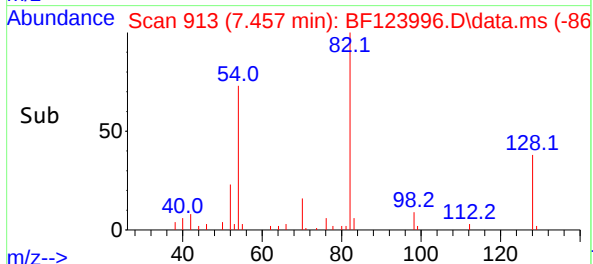




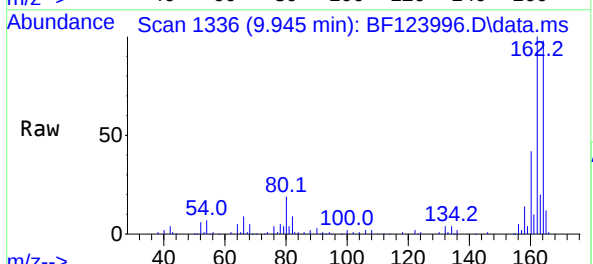
#23
Nitrobenzene-d5
Concen: 9.43 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



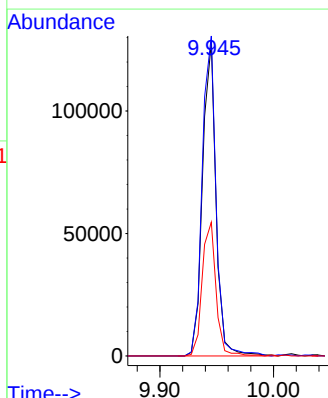
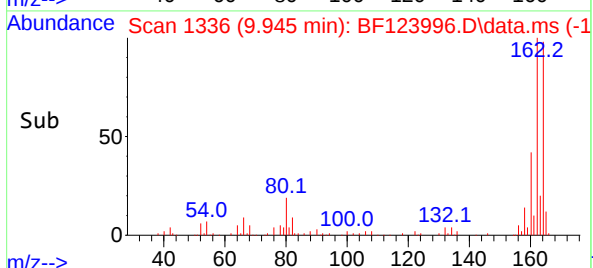
Tgt Ion: 82 Resp: 40546
Ion Ratio Lower Upper
82 100
128 38.0 29.4 44.2
54 73.2 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



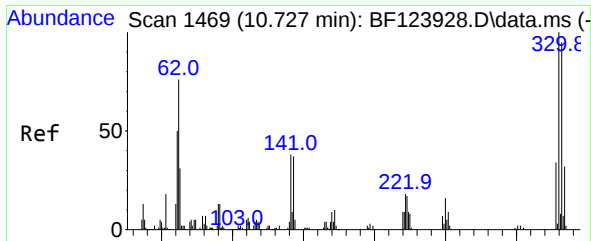
Tgt Ion: 164 Resp: 105566
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 42.6 37.3 55.9



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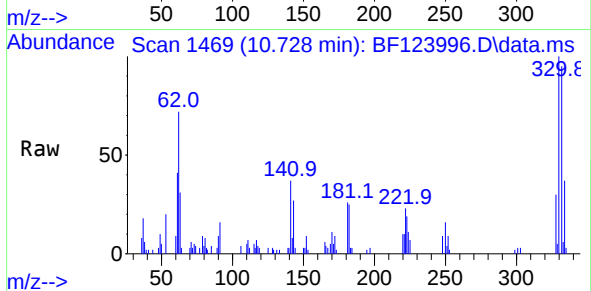
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#42
2,4,6-Tribromophenol
Concen: 11.10 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

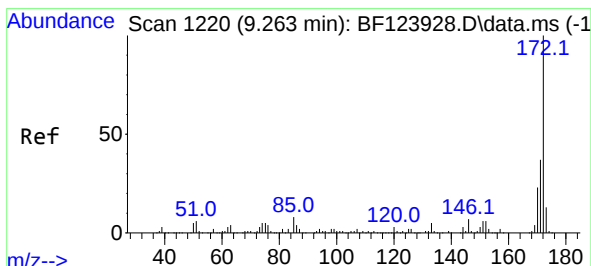
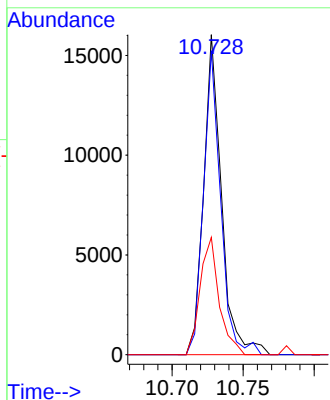
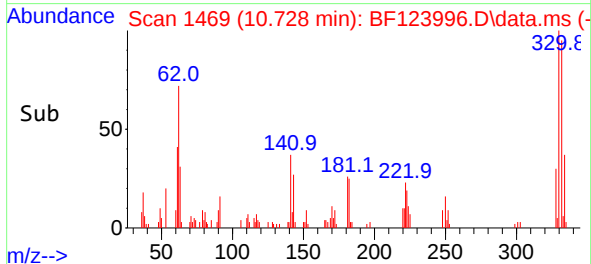
Instrument :
BNA_F
ClientSampled :
TP-1



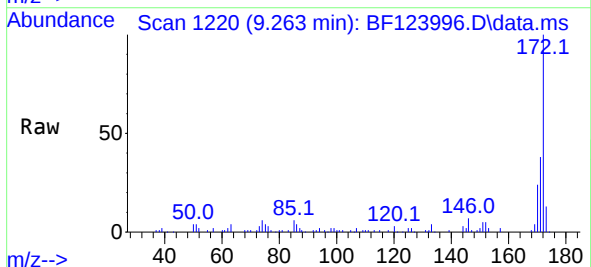
Tgt Ion: 330 Resp: 14080
Ion Ratio Lower Upper
330 100
332 91.2 77.1 115.7
141 39.1 27.9 41.9

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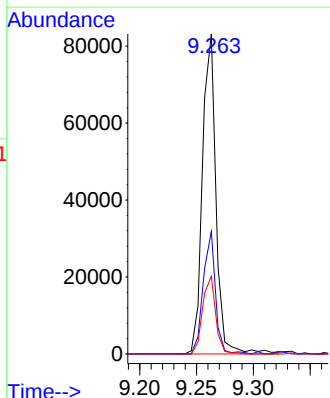
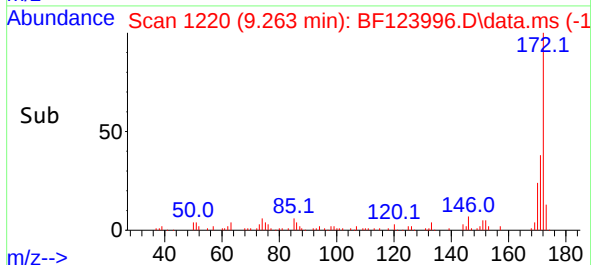
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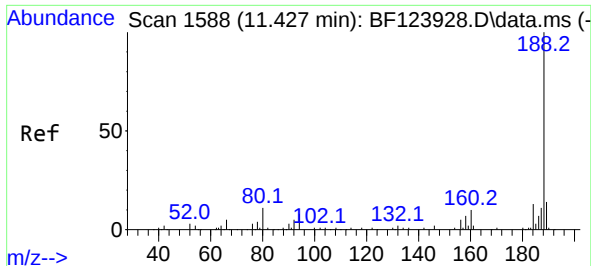


#45
2-Fluorobiphenyl
Concen: 8.08 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



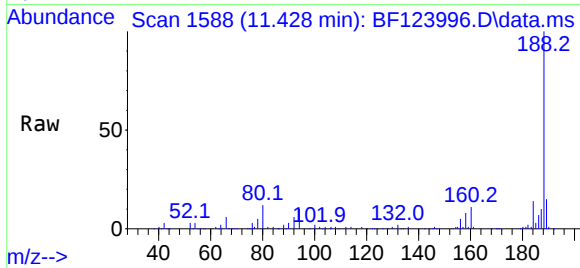
Tgt Ion: 172 Resp: 69286
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 24.3 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

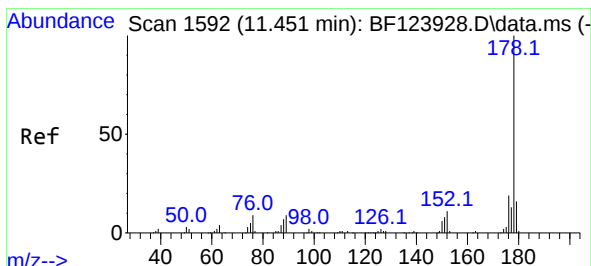
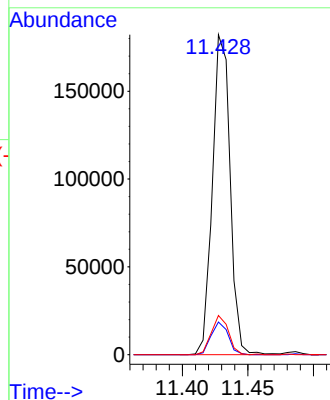
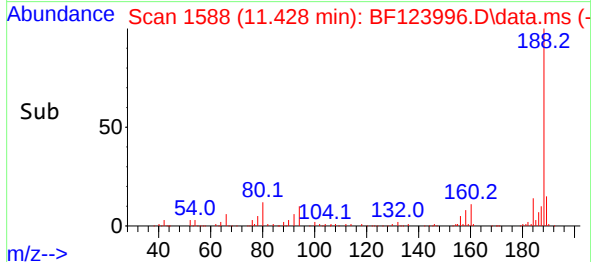
Instrument :
BNA_F
ClientSampled :
TP-1



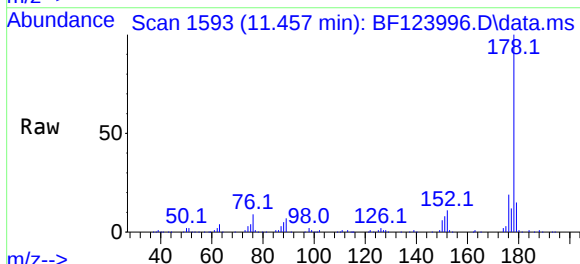
Tgt Ion:188 Resp: 170917
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 12.3 8.2 12.2#

Manual Integrations
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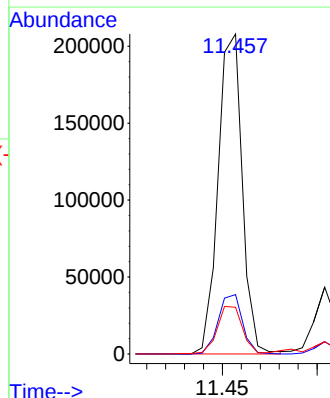
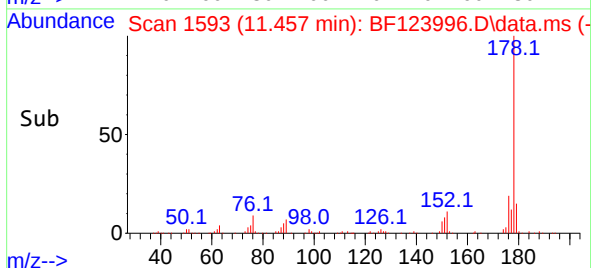
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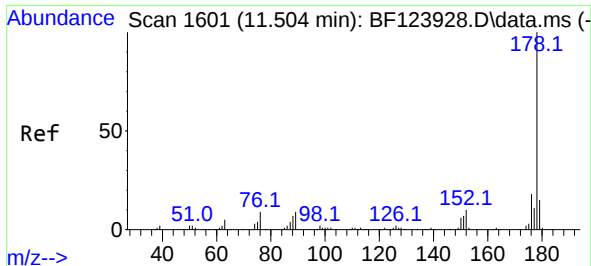


#71
Phenanthrene
Concen: 17.04 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



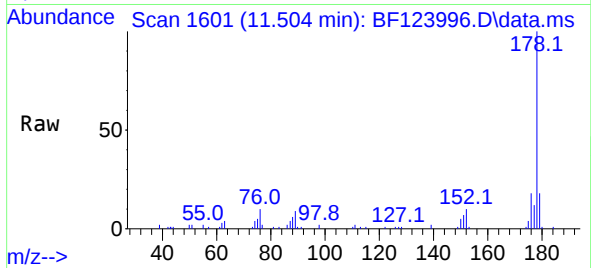
Tgt Ion:178 Resp: 184628
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.6 12.5 18.7





#72
 Anthracene
 Concen: 3.02 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: BF123996.D
 Acq: 19 May 2021 18:22

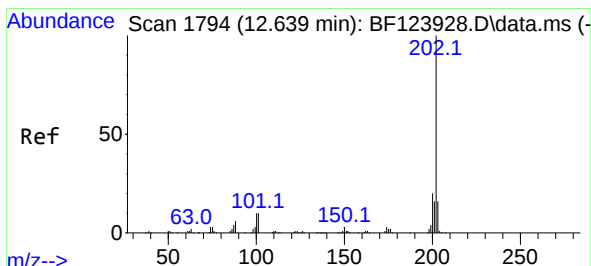
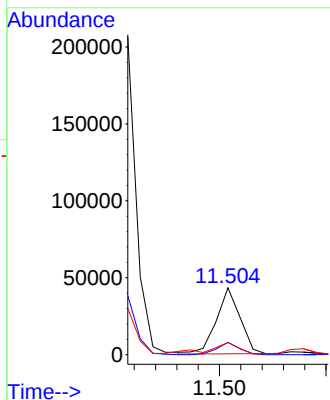
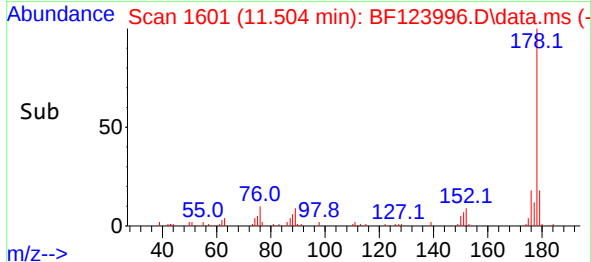
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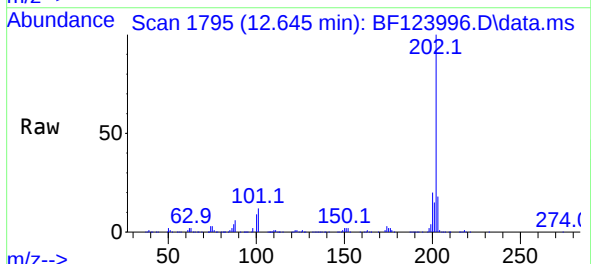
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 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 18.2 12.6 18.8

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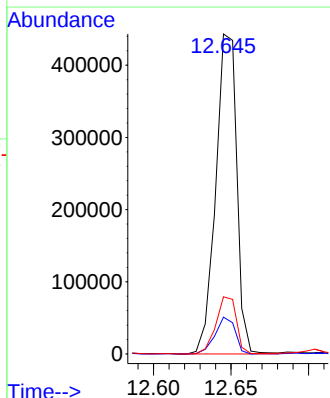
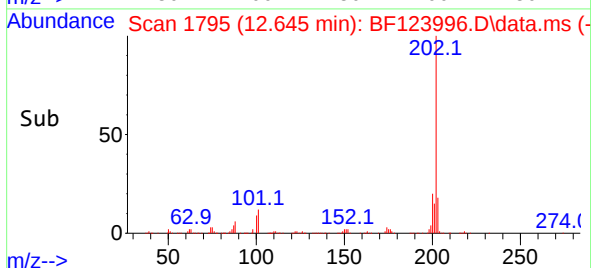
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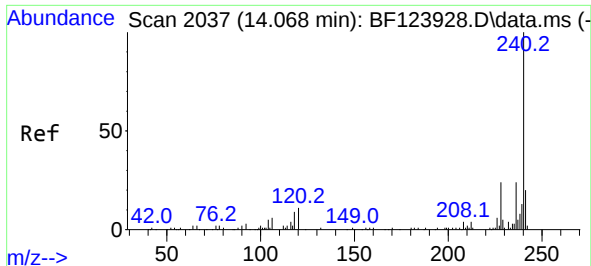


#75
 Fluoranthene
 Concen: 37.36 ng
 RT: 12.645 min Scan# 1795
 Delta R.T. 0.006 min
 Lab File: BF123996.D
 Acq: 19 May 2021 18:22

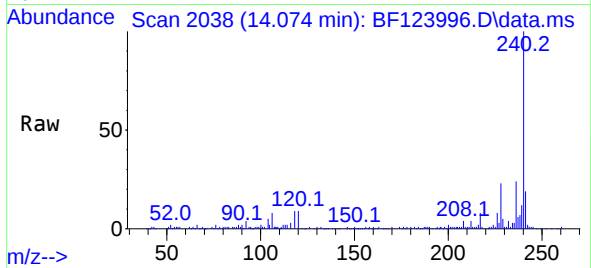


Tgt Ion:202 Resp: 419017
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.9
 203 17.9 0.0 37.5

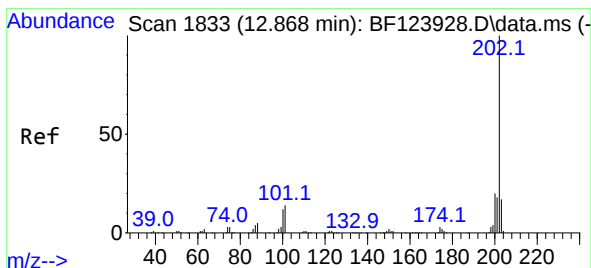
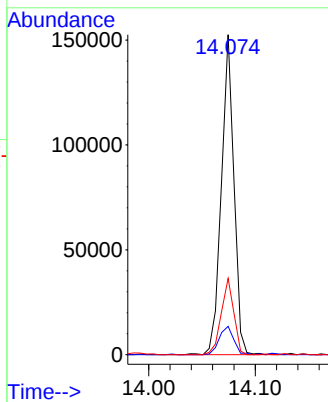
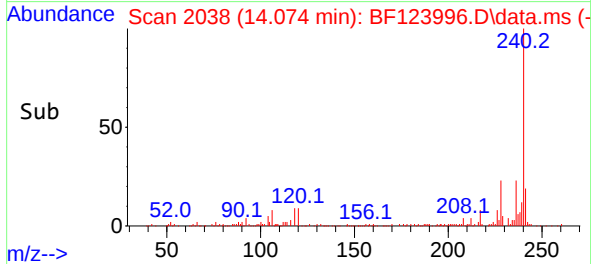




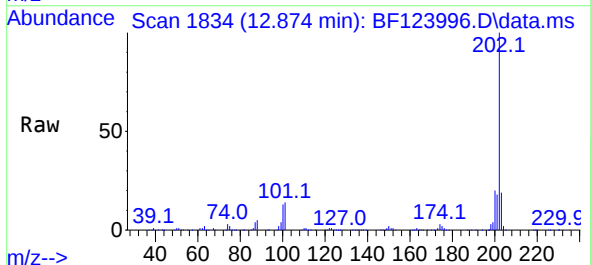
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



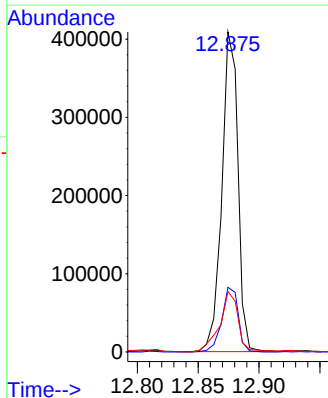
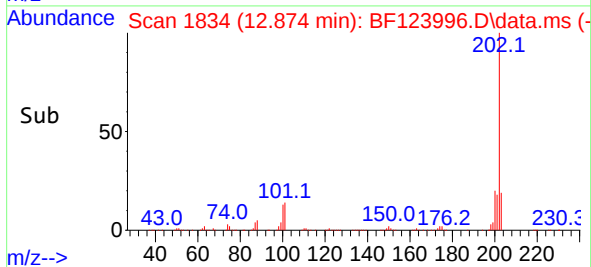
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Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.9 19.0 28.4



#78
Pyrene
Concen: 33.92 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



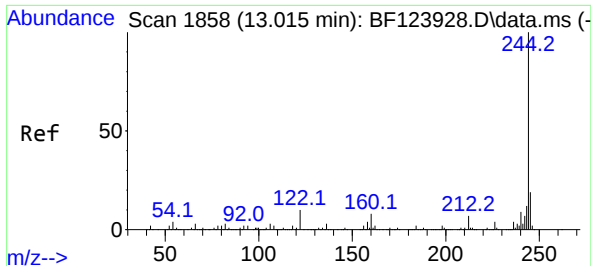
Tgt Ion:202 Resp: 375594
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 18.9 14.8 22.2



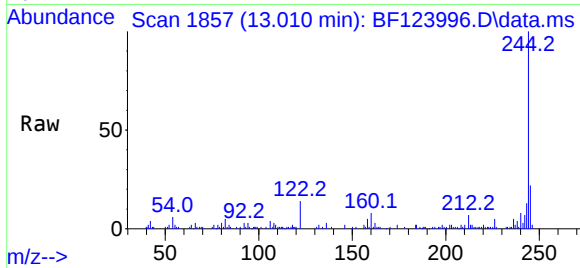
Instrument :
BNA_F
ClientSampleId :
TP-1

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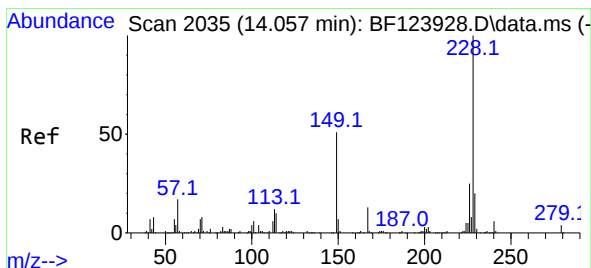
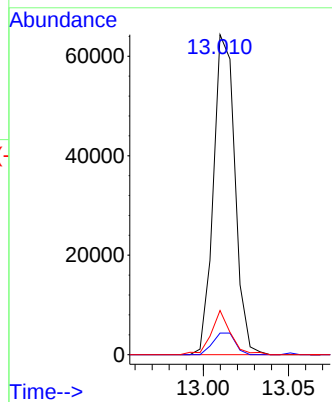
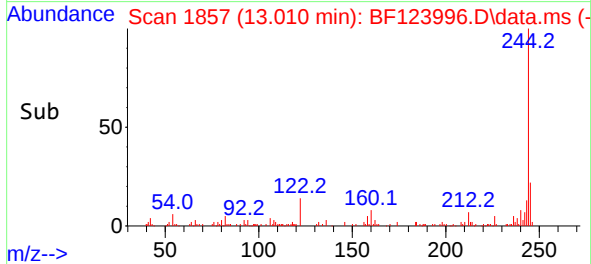
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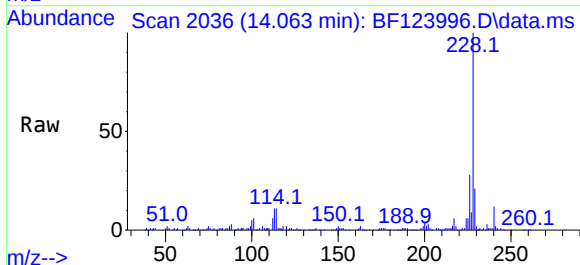
#79
Terphenyl-d14
Concen: 6.86 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



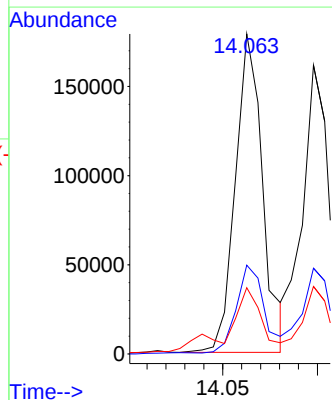
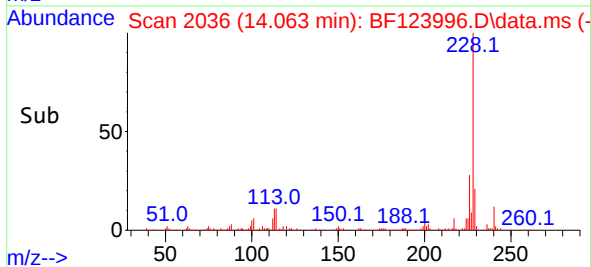
Tgt Ion:244 Resp: 56493
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 13.8 9.7 14.5



#81
Benzo(a)anthracene
Concen: 19.83 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



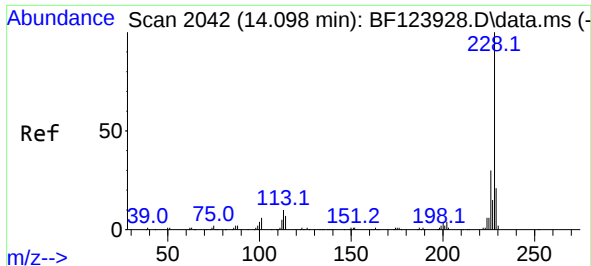
Tgt Ion:228 Resp: 178892
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.7 16.0 24.0



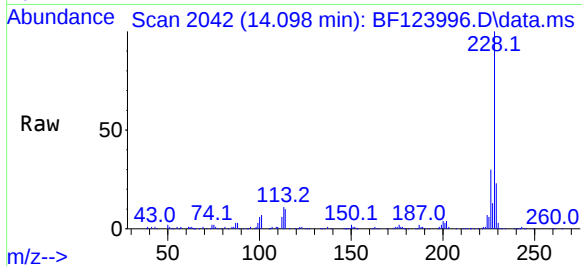
Instrument :
BNA_F
ClientSampleId :
TP-1

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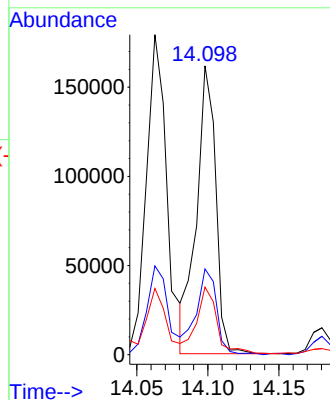
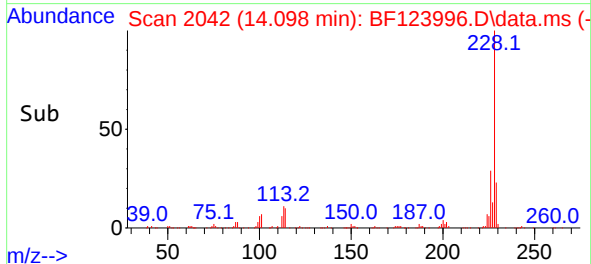
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#83
Chrysene
Concen: 17.50 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



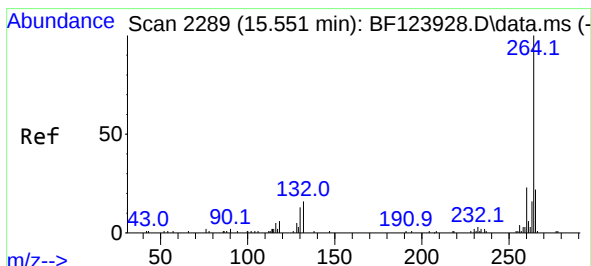
Tgt Ion:228 Resp: 151811
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 23.4 16.2 24.2



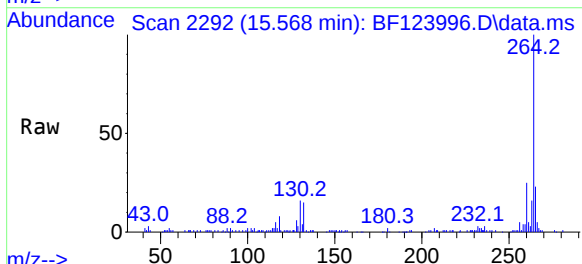
Instrument :
BNA_F
ClientSampled :
TP-1

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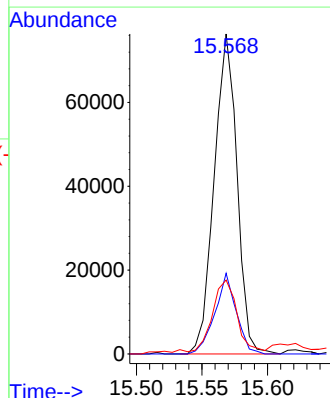
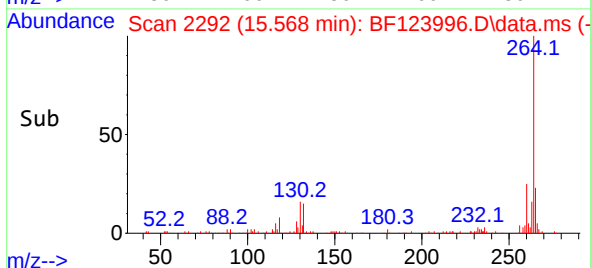
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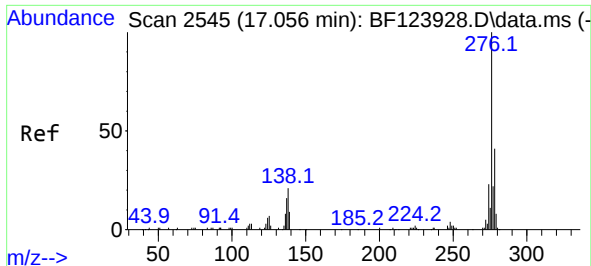


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22



Tgt Ion:264 Resp: 92189
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 23.1 17.8 26.8





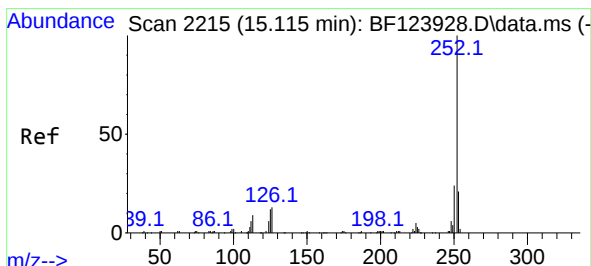
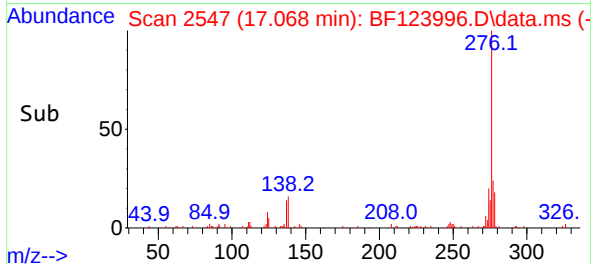
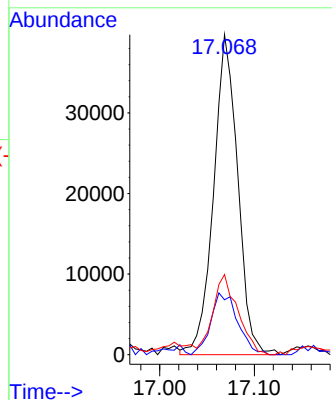
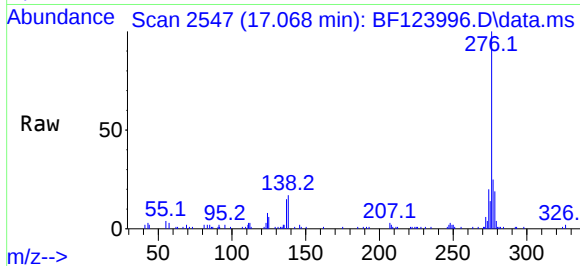
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.89 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:	276	Resp:	70427
Ion Ratio	Lower	Upper	
276	100		
138	21.5	16.2	24.2
277	25.9	20.1	30.1

Instrument :
BNA_F
ClientSampled :
TP-1

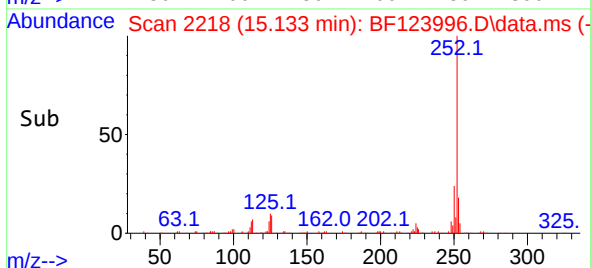
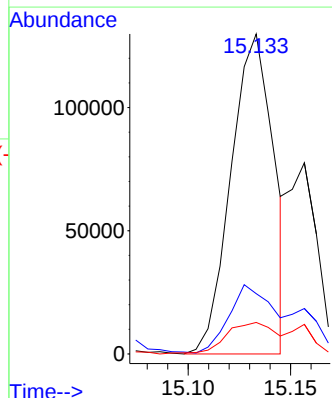
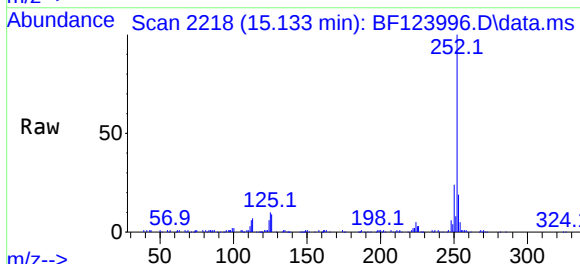
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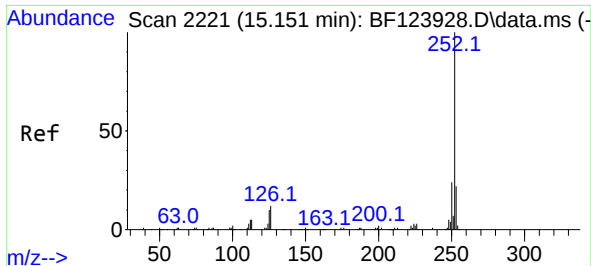
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#88
Benzo(b)fluoranthene
Concen: 26.46 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.018 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:	252	Resp:	188666
Ion Ratio	Lower	Upper	
252	100		
253	18.9	18.1	27.1
125	9.9	6.2	9.4#





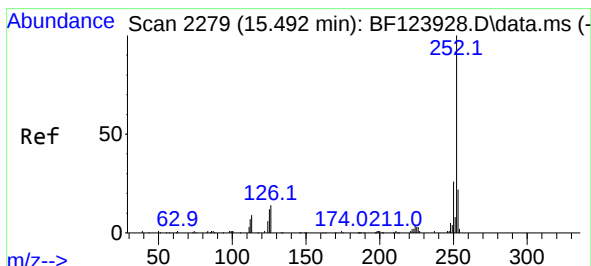
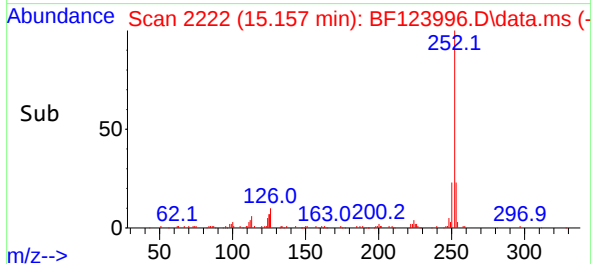
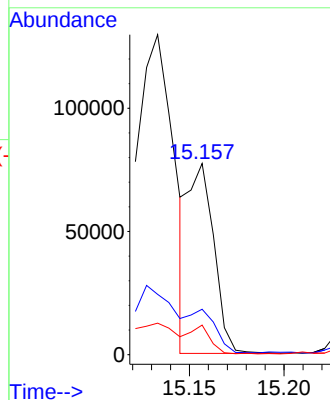
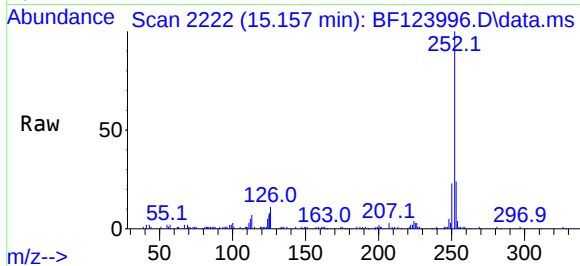
#89
Benzo(k)fluoranthene
Concen: 11.12 ng m
RT: 15.157 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:252 Resp: 72267
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 8.2 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
TP-1

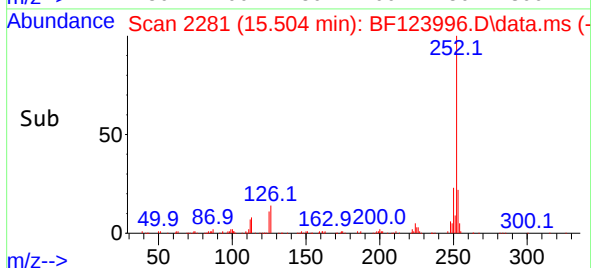
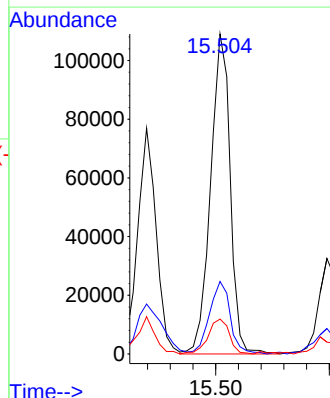
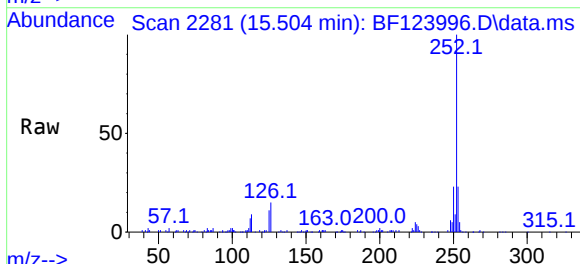
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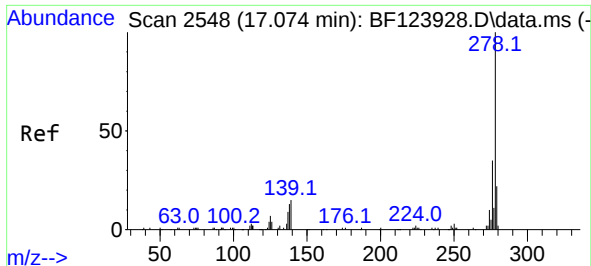
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#90
Benzo(a)pyrene
Concen: 21.22 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion:252 Resp: 130785
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 10.9 8.0 12.0





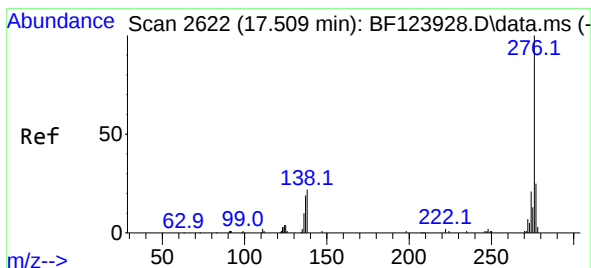
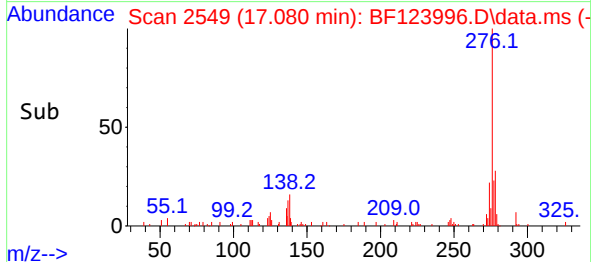
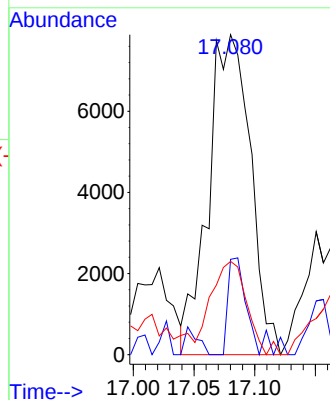
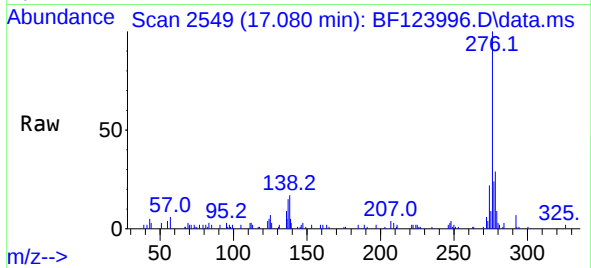
#91
Dibenzo(a,h)anthracene
Concen: 3.17 ng m
RT: 17.080 min Scan# 2549
Delta R.T. 0.006 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion: 278 Resp: 19019
Ion Ratio Lower Upper
278 100
139 18.0 10.2 15.2#
279 29.1 19.4 29.0#

Instrument :
BNA_F
ClientSampled :
TP-1

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#92
Benzo(g,h,i)perylene
Concen: 11.33 ng m
RT: 17.527 min Scan# 2625
Delta R.T. 0.018 min
Lab File: BF123996.D
Acq: 19 May 2021 18:22

Tgt Ion: 276 Resp: 68120
Ion Ratio Lower Upper
276 100
277 16.5 18.2 27.2#
138 19.5 13.8 20.6

