

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123944.D
 Acq On : 15 May 2021 14:42
 Operator : JU/CG
 Sample : M2383-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03(7-9)

Manual Integrations
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 5/17/2021 11:23:04 AM

Quant Time: May 16 05:19:26 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	38522	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	155711	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	87553	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	140118	20.00	ng	0.00
76) Chrysene-d12	14.068	240	99282	20.00	ng	0.00
86) Perylene-d12	15.562	264	95592	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	313969	114.43	ng	0.00
7) Phenol-d6	6.522	99	393552	110.57	ng	0.00
23) Nitrobenzene-d5	7.463	82	283883	78.55	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	108935	103.59	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	486465	68.37	ng	0.00
79) Terphenyl-d14	13.016	244	388954	59.34	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.204	128	50825	5.52	ng	97
37) 2-Methylnaphthalene	8.898	142	22443	3.59	ng	92
38) 1-Methylnaphthalene	8.992	142	15408	2.64	ng	96
50) Dimethylphthalate	9.651	163	31590	4.52	ng	98
71) Phenanthrene	11.451	178	151478	17.06	ng	99
72) Anthracene	11.498	178	35904m	3.99	ng	
75) Fluoranthene	12.639	202	192264	20.91	ng	99
78) Pyrene	12.868	202	183540	20.82	ng	99
81) Benzo(a)anthracene	14.057	228	97569	13.59	ng	92
83) Chrysene	14.092	228	88593	12.83	ng	95
87) Indeno(1,2,3-cd)pyrene	17.051	276	44025	5.96	ng	95
88) Benzo(b)fluoranthene	15.121	252	110424m	14.93	ng	
89) Benzo(k)fluoranthene	15.145	252	34476m	5.12	ng	
90) Benzo(a)pyrene	15.492	252	83800	13.11	ng	# 97
92) Benzo(g,h,i)perylene	17.509	276	37884	6.08	ng	98

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

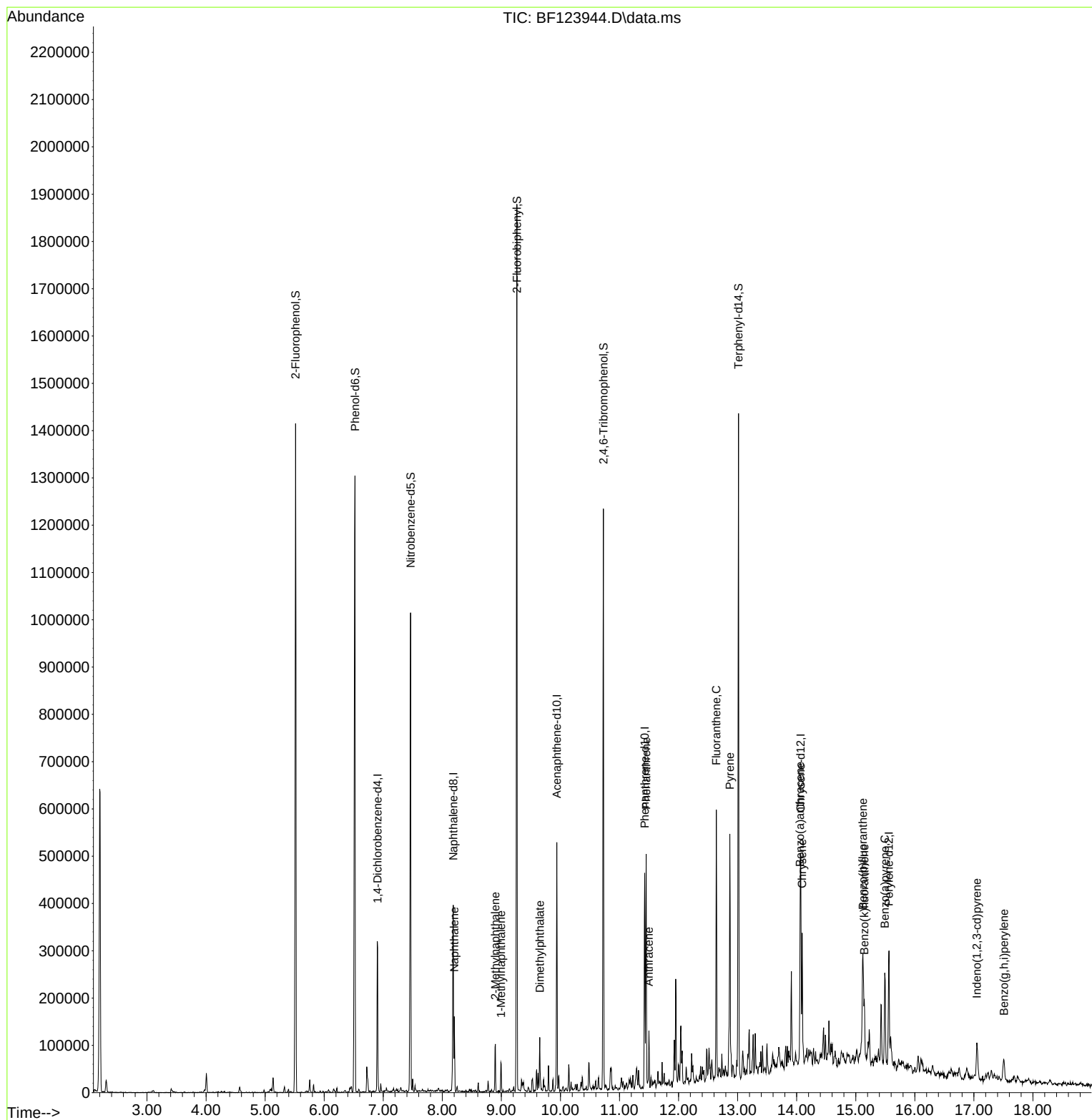
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123944.D
Acq On : 15 May 2021 14:42
Operator : JU/CG
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ALS Vial : 11 Sample Multiplier: 1

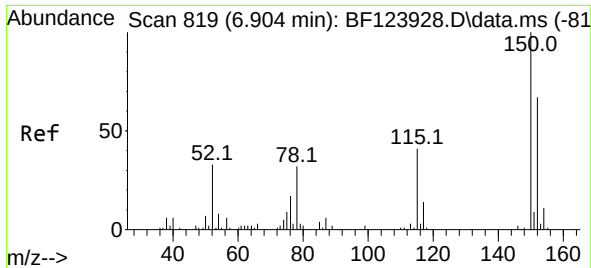
Instrument :
BNA_F
ClientSampled :
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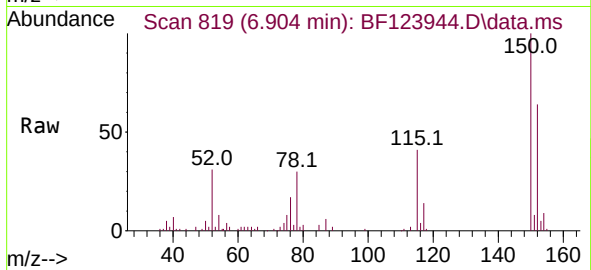
Quant Time: May 16 05:19:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

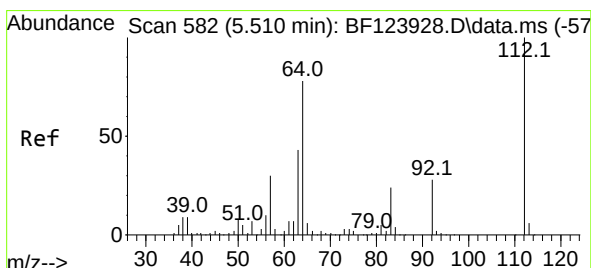
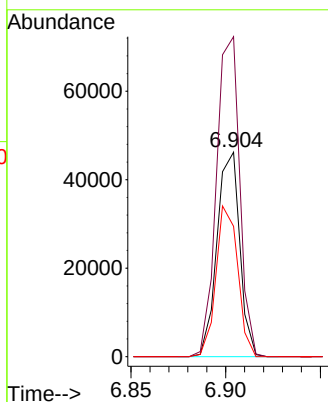
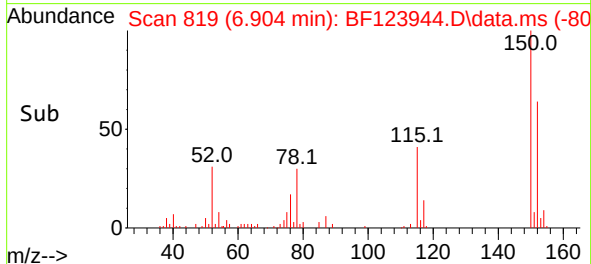
Instrument :
BNA_F
ClientSampleId :
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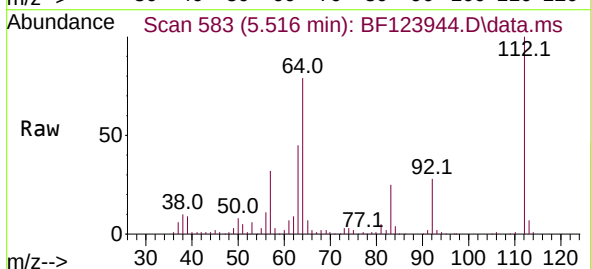
Tgt Ion:152 Resp: 38522
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.8 54.3 81.5

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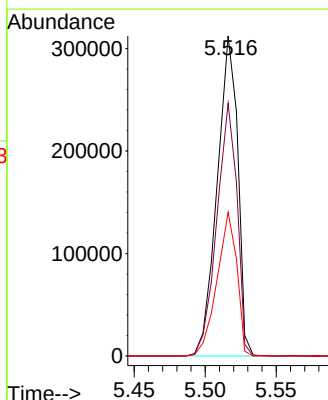
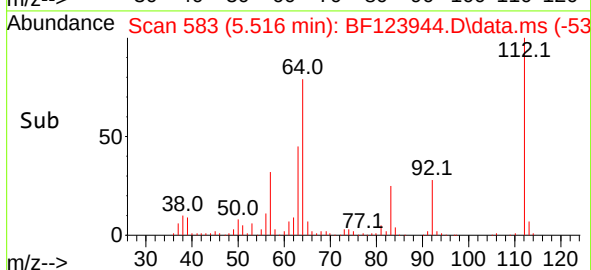
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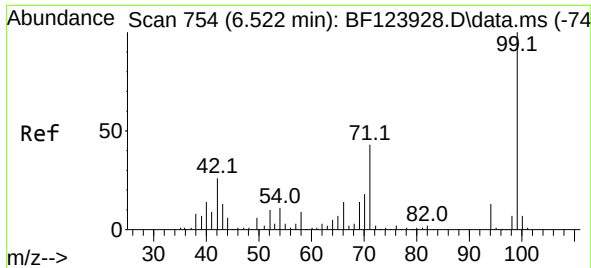


#5
2-Fluorophenol
Concen: 114.43 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



Tgt Ion:112 Resp: 313969
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 44.9 33.0 49.4





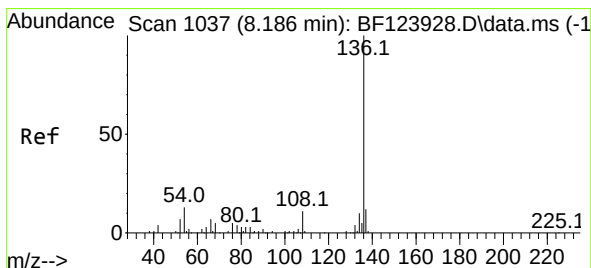
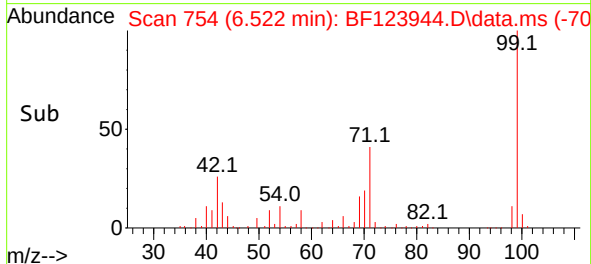
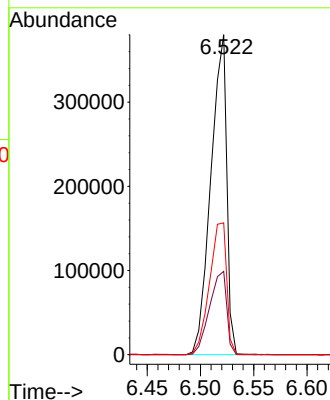
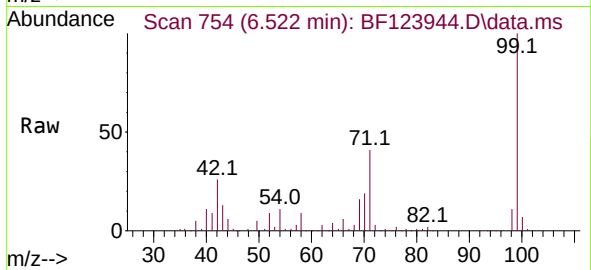
#7
Phenol-d6
Concen: 110.57 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:	99	Resp:	393552
Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.8	29.8
71	41.2	31.1	46.7

Instrument :
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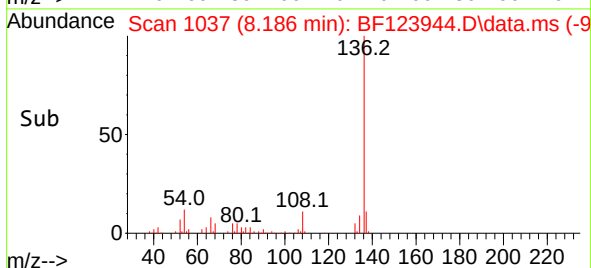
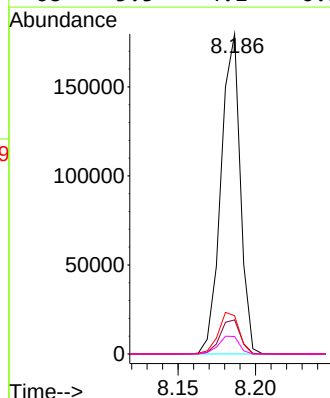
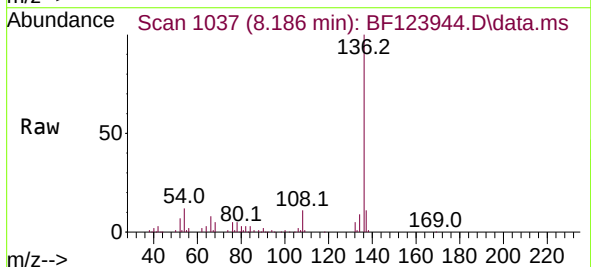
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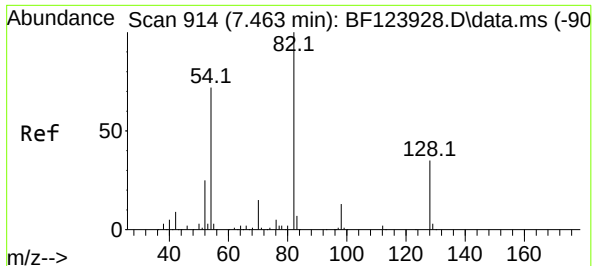
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:	136	Resp:	155711
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.9	9.8	14.6
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 78.55 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF123944.D

Acq: 15 May 2021 14:42

Tgt Ion:	82	Resp:	283883
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	69.6	54.1	81.1

Instrument :

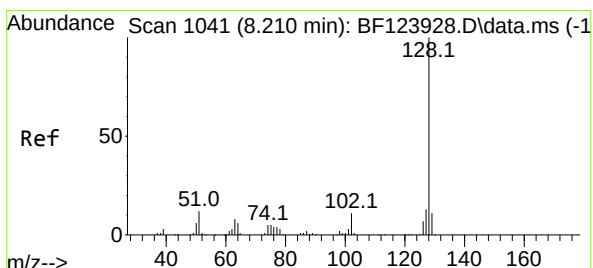
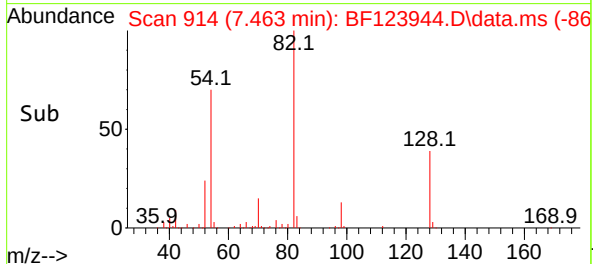
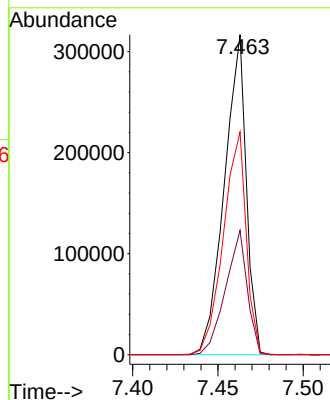
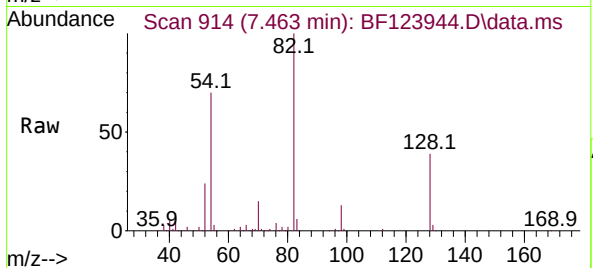
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ClientSampleId :

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#31

Naphthalene

Concen: 5.52 ng

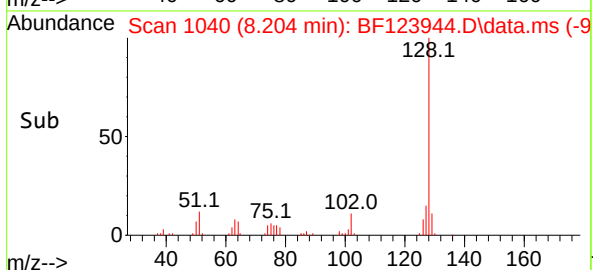
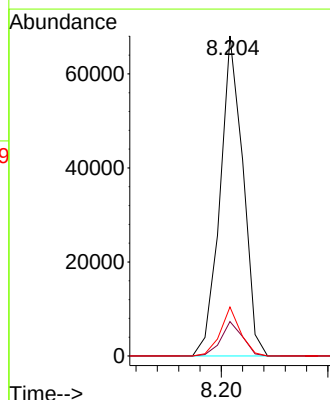
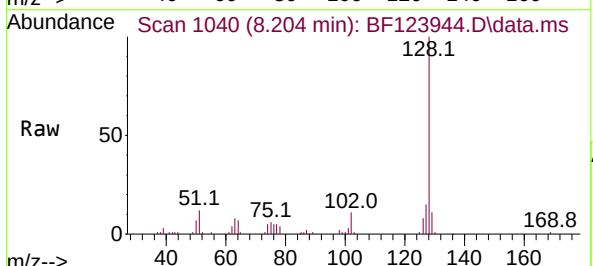
RT: 8.204 min Scan# 1040

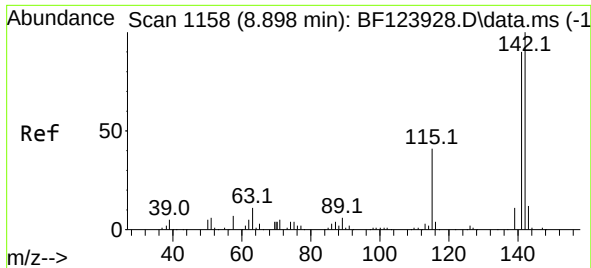
Delta R.T. -0.006 min

Lab File: BF123944.D

Acq: 15 May 2021 14:42

Tgt Ion:	128	Resp:	50825
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	15.3	10.8	16.2





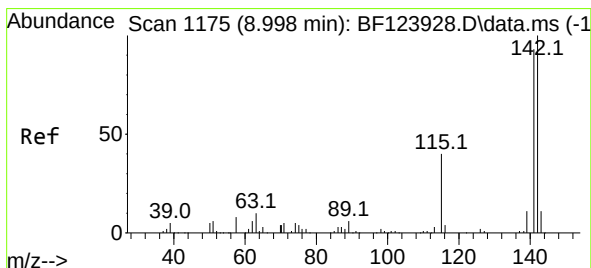
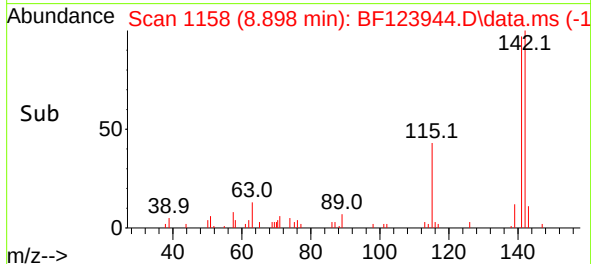
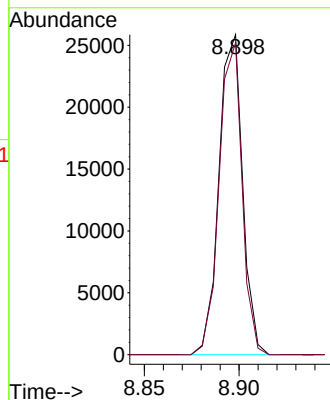
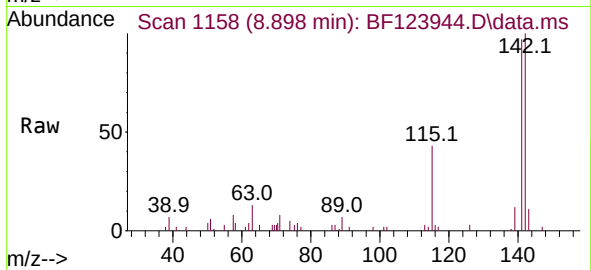
#37
2-Methylnaphthalene
Concen: 3.59 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:142 Resp: 22443
Ion Ratio Lower Upper
142 100
141 97.5 71.8 107.6

Instrument :
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ClientSampleId :
KSB-03(7-9)

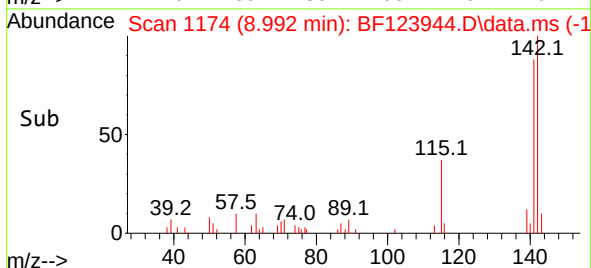
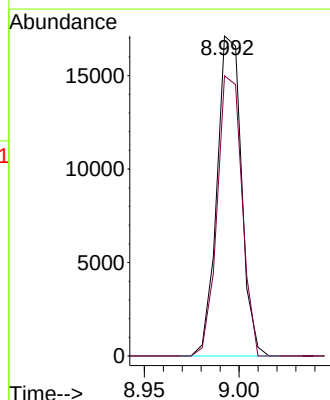
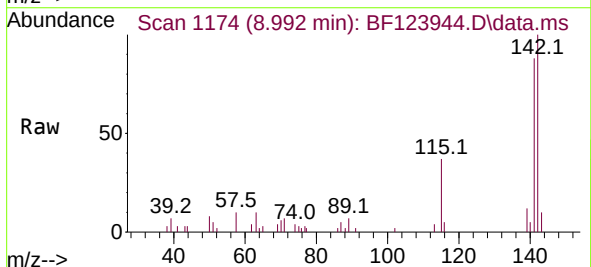
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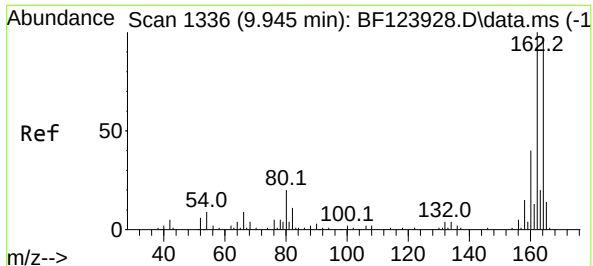
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#38
1-Methylnaphthalene
Concen: 2.64 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:142 Resp: 15408
Ion Ratio Lower Upper
142 100
141 87.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123944.D

Acq: 15 May 2021 14:42

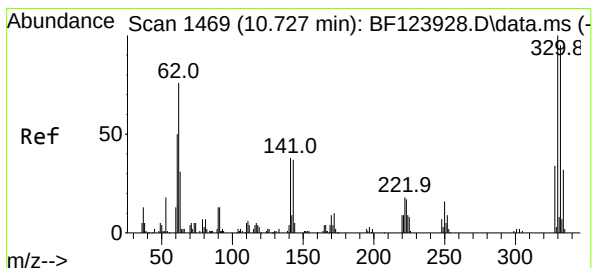
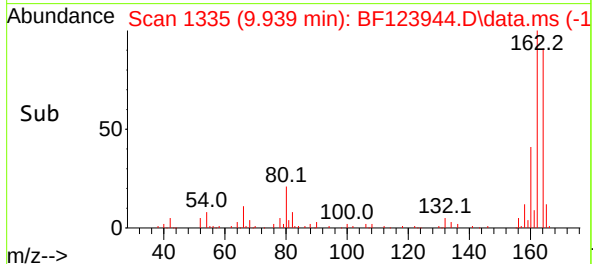
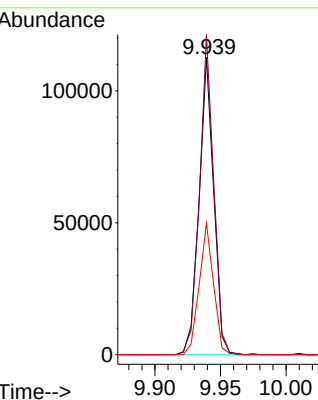
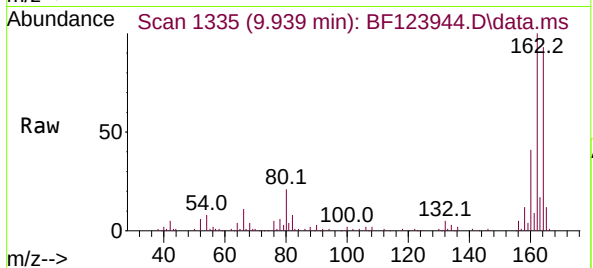
Tgt Ion:164 Resp: 87553

Ion Ratio Lower Upper

164 100

162 107.5 80.7 121.1

160 44.2 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 103.59 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BF123944.D

Acq: 15 May 2021 14:42

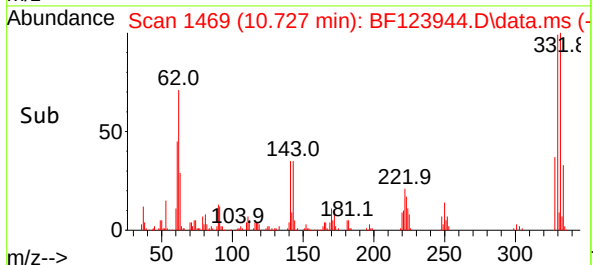
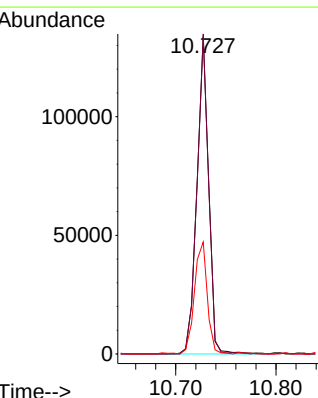
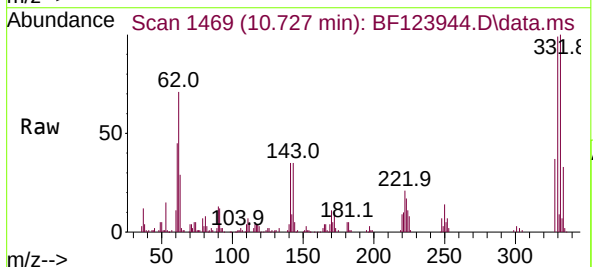
Tgt Ion:330 Resp: 108935

Ion Ratio Lower Upper

330 100

332 99.0 77.1 115.7

141 38.6 27.9 41.9



Instrument :

BNA_F

ClientSampleId :

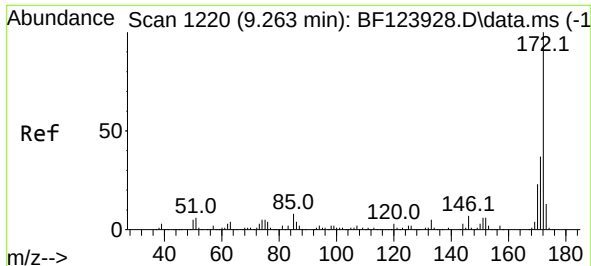
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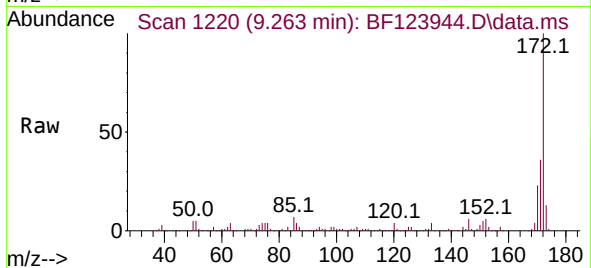
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#45
2-Fluorobiphenyl
Concen: 68.37 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

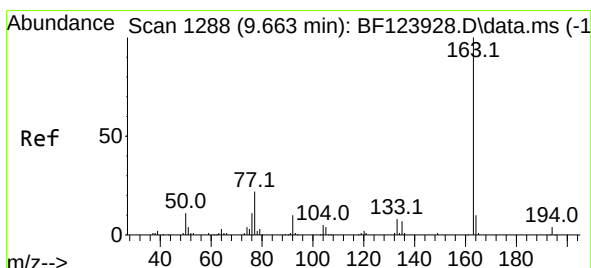
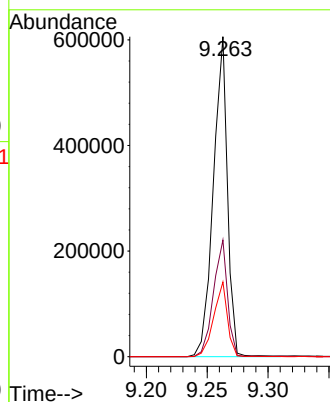
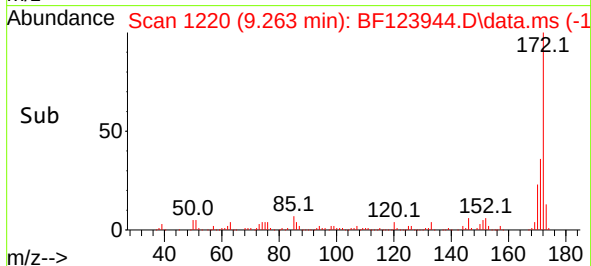
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BNA_F
ClientSampleId :
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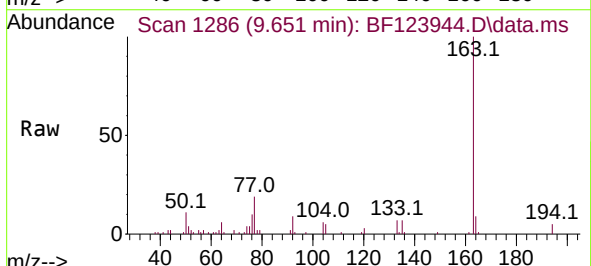
Tgt Ion:172 Resp: 486465
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.4 19.2 28.8

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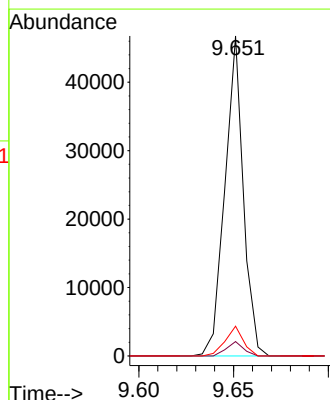
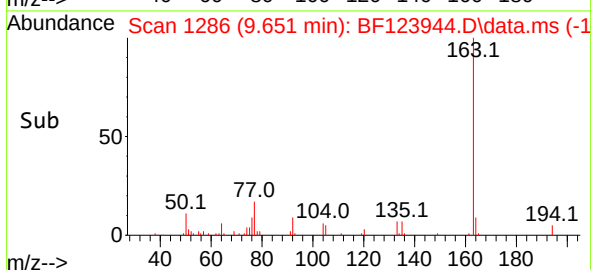
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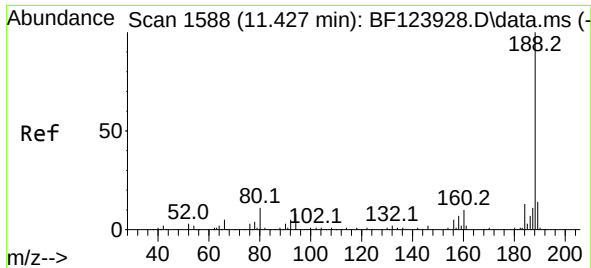


#50
Dimethylphthalate
Concen: 4.52 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

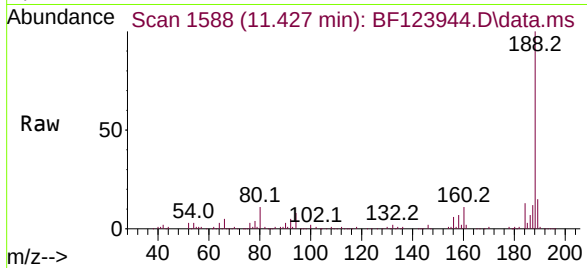


Tgt Ion:163 Resp: 31590
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 9.3 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

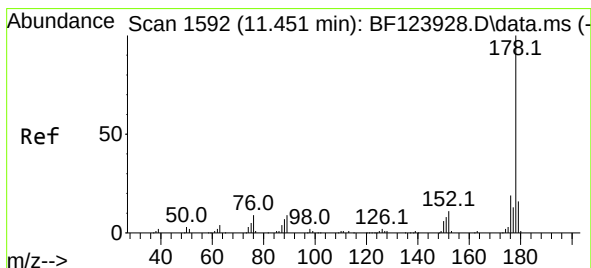
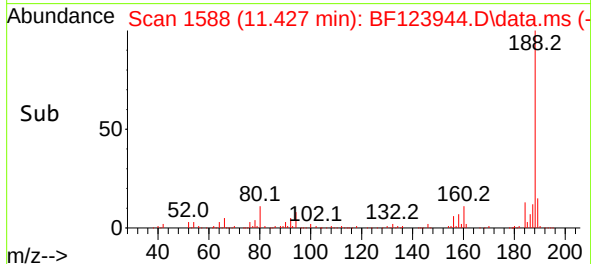
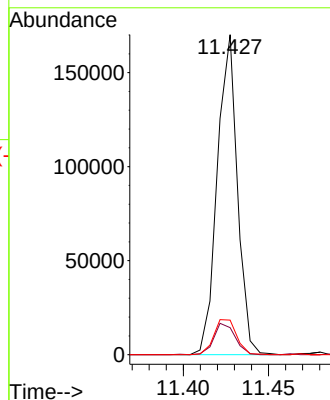


Tgt Ion:188 Resp: 140118
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.8 8.2 12.2

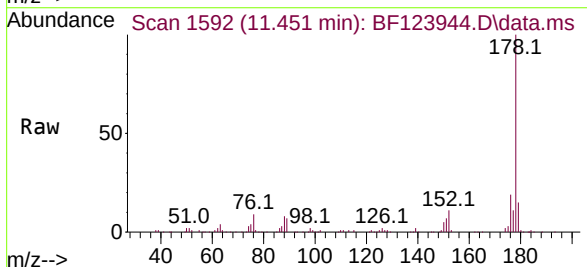
Instrument :
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KSB-03(7-9)

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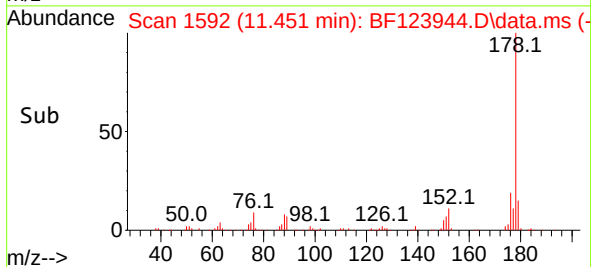
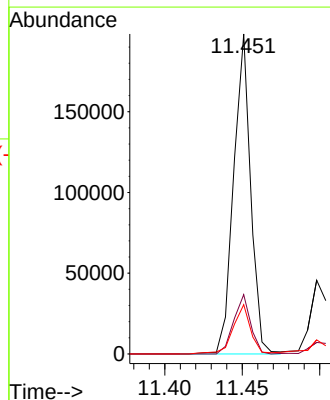
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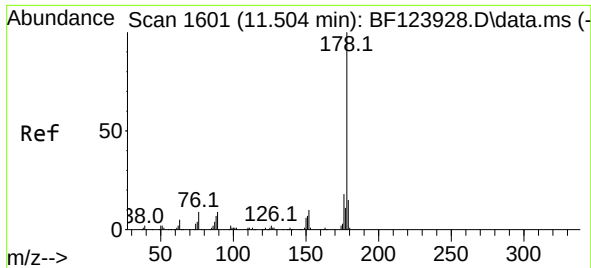


#71
Phenanthrene
Concen: 17.06 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



Tgt Ion:178 Resp: 151478
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.4 12.5 18.7





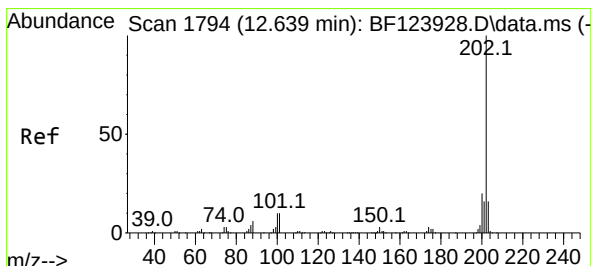
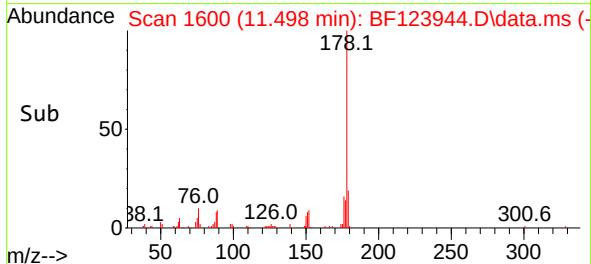
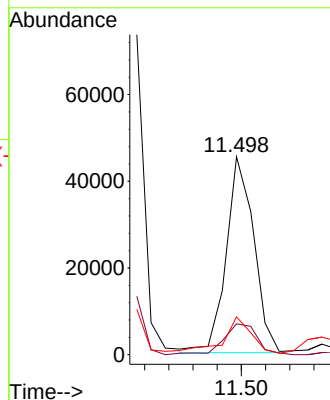
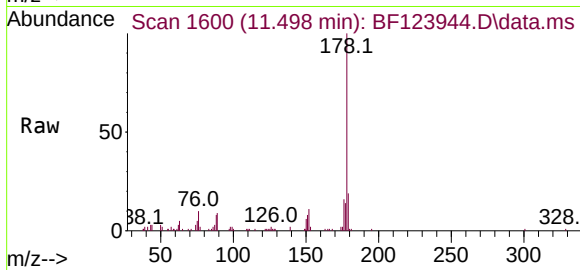
#72
 Anthracene
 Concen: 3.99 ng m
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.006 min
 Lab File: BF123944.D
 Acq: 15 May 2021 14:42

Tgt Ion:178 Resp: 35904
 Ion Ratio Lower Upper
 178 100
 176 15.6 15.4 23.0
 179 19.1 12.6 18.8#

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03(7-9)

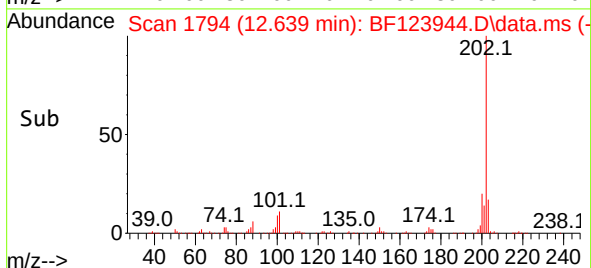
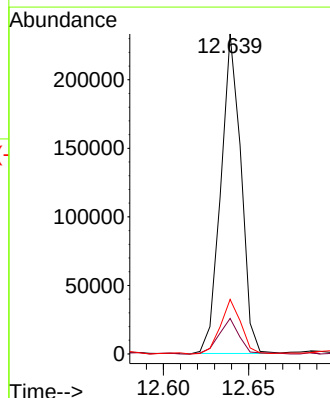
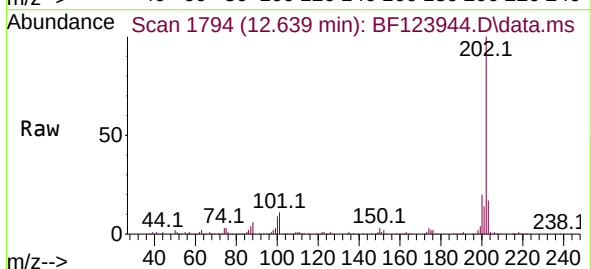
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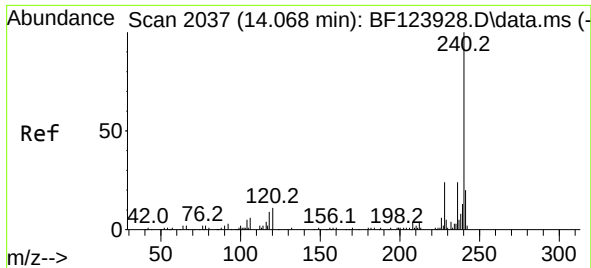
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#75
 Fluoranthene
 Concen: 20.91 ng
 RT: 12.639 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: BF123944.D
 Acq: 15 May 2021 14:42

Tgt Ion:202 Resp: 192264
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.9
 203 17.1 0.0 37.5





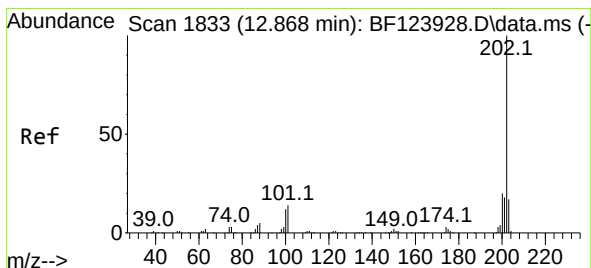
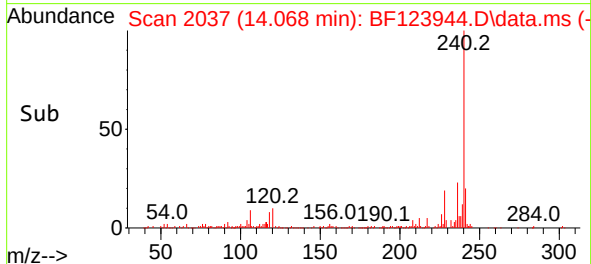
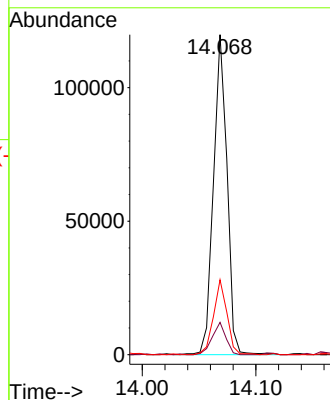
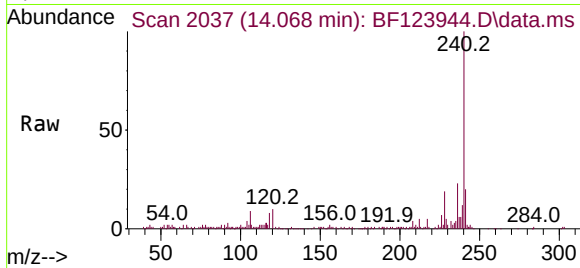
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:240 Resp: 99282
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 23.4 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
KSB-03(7-9)

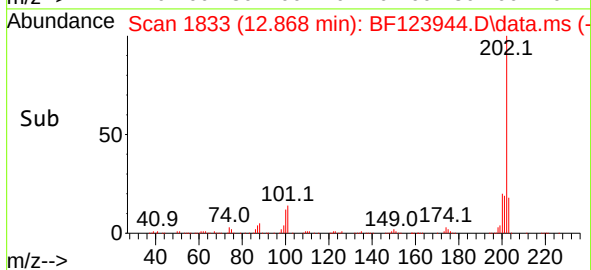
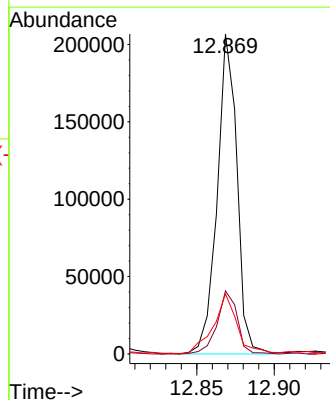
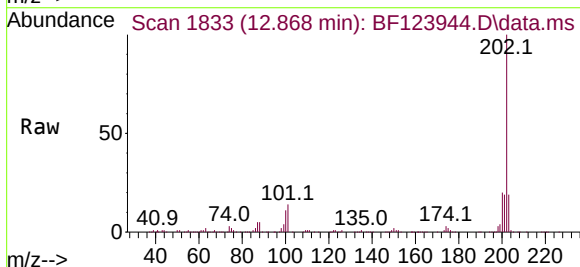
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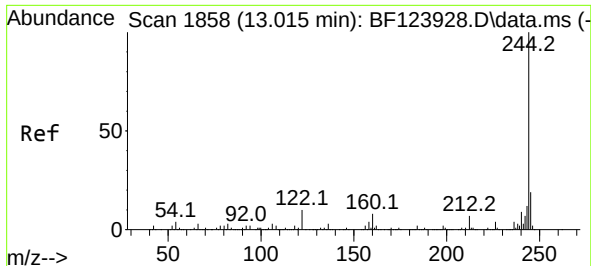
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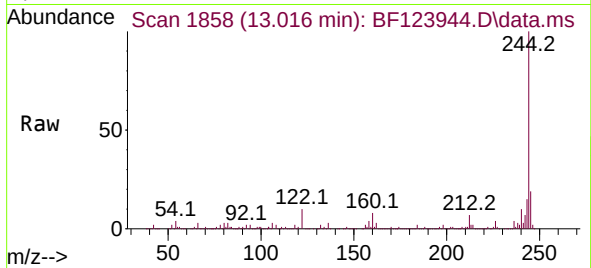
#78
Pyrene
Concen: 20.82 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:202 Resp: 183540
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 18.8 14.8 22.2

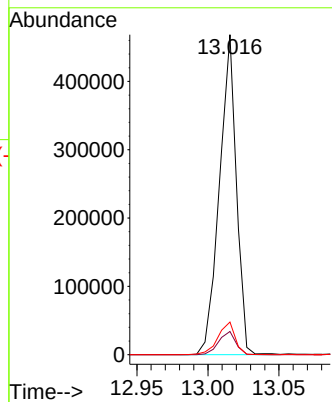
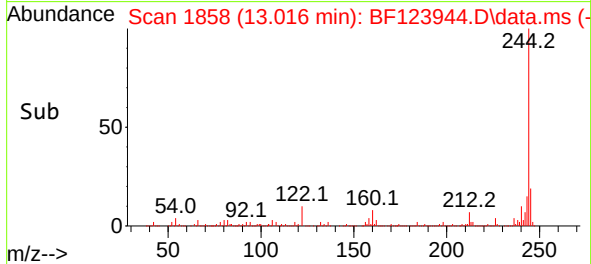




#79
Terphenyl-d14
Concen: 59.34 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



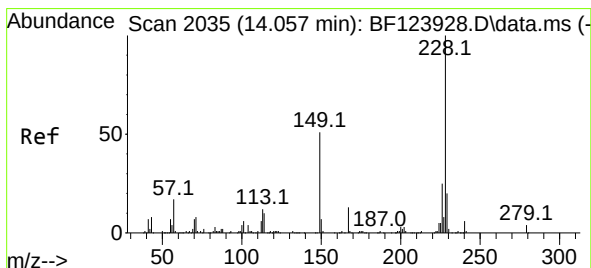
Tgt Ion:244 Resp: 388954
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 9.7 14.5



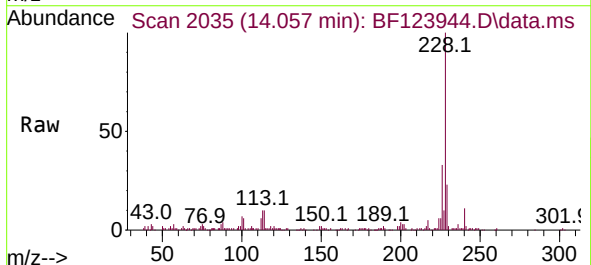
Instrument :
BNA_F
ClientSampleId :
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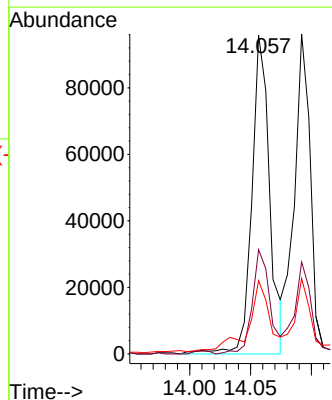
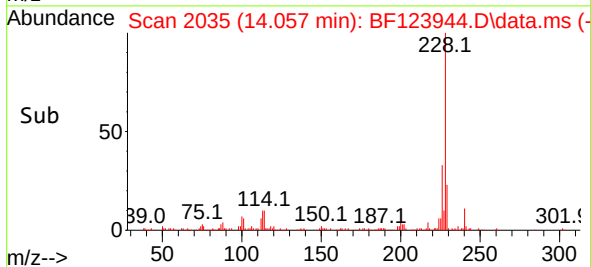
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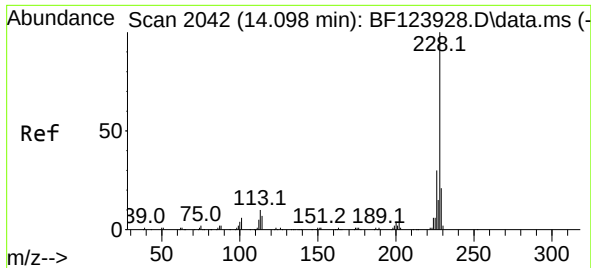


#81
Benzo(a)anthracene
Concen: 13.59 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



Tgt Ion:228 Resp: 97569
Ion Ratio Lower Upper
228 100
226 32.7 22.4 33.6
229 23.0 16.0 24.0





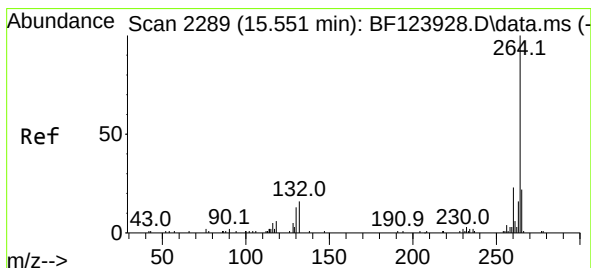
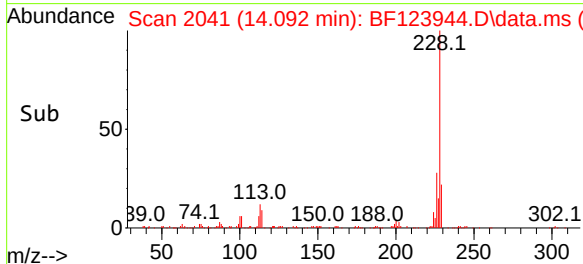
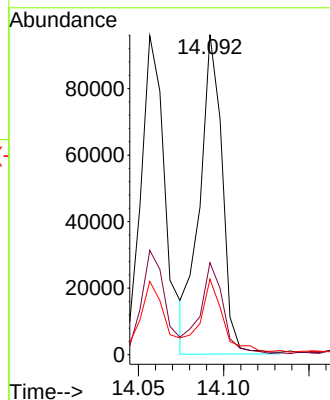
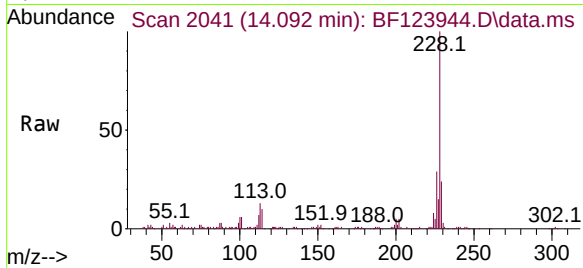
#83
Chrysene
Concen: 12.83 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:	228	Resp:	88593
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.3	36.5
229	23.6	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
KSB-03(7-9)

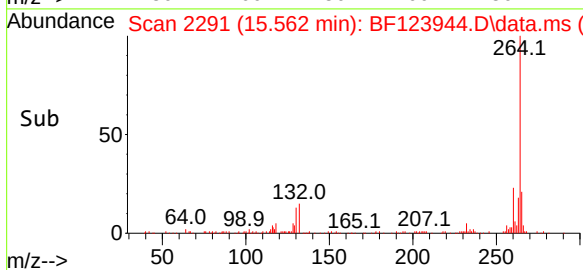
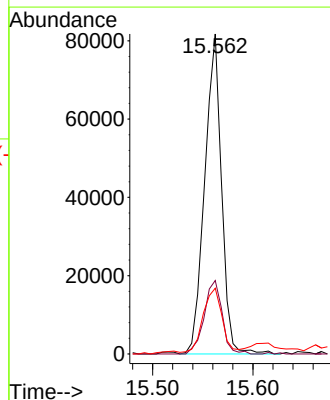
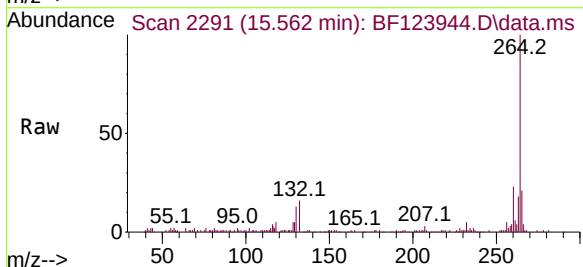
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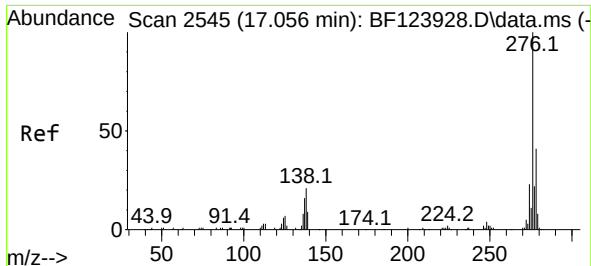
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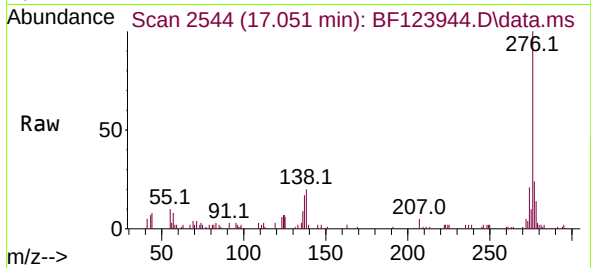
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:	264	Resp:	95592
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	20.5	17.8	26.8

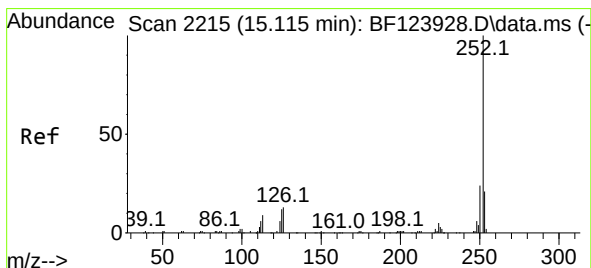
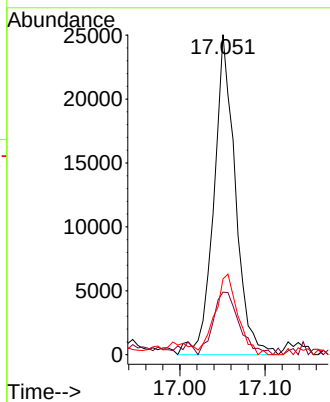
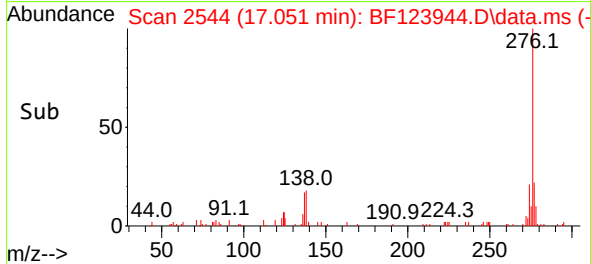




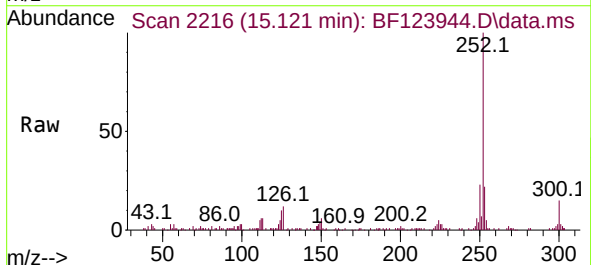
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.96 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



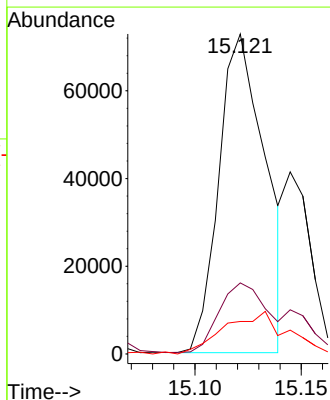
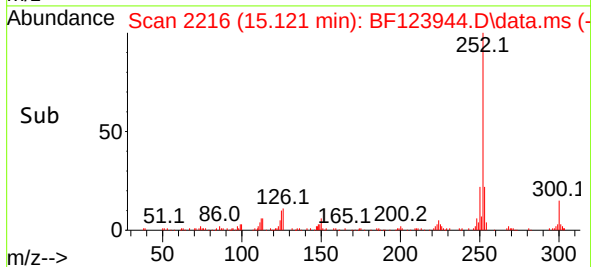
Tgt Ion: 276 Resp: 44025
Ion Ratio Lower Upper
276 100
138 23.6 16.2 24.2
277 26.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 14.93 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42



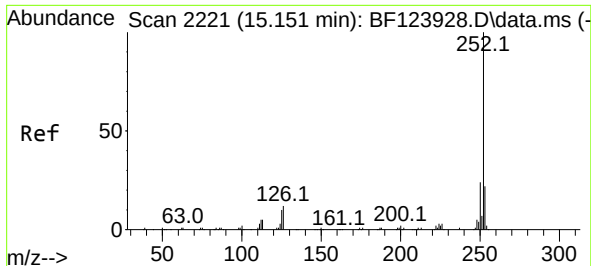
Tgt Ion: 252 Resp: 110424
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.1 6.2 9.4#



Instrument :
BNA_F
ClientSampleId :
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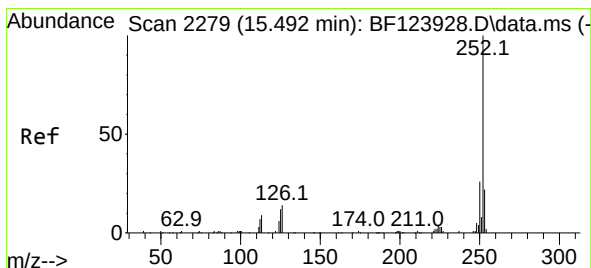
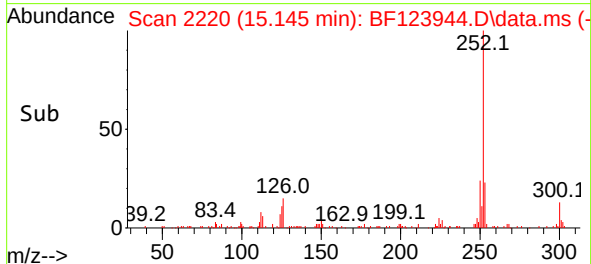
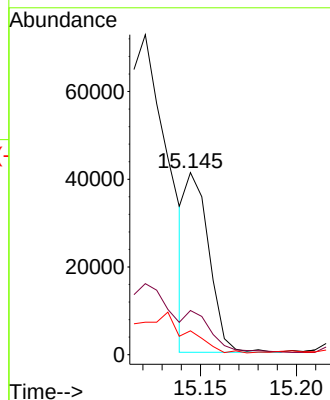
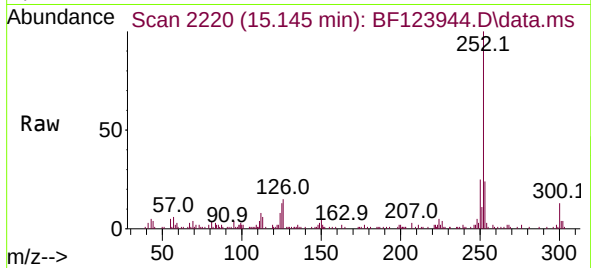
#89
Benzo(k)fluoranthene
Concen: 5.12 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:252 Resp: 34476
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 13.1 7.0 10.6#

Instrument :
BNA_F
ClientSampleId :
KSB-03(7-9)

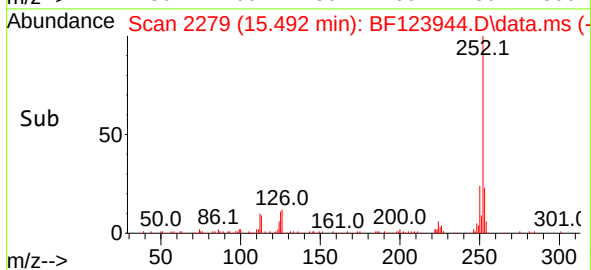
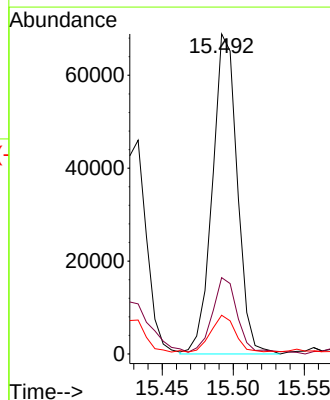
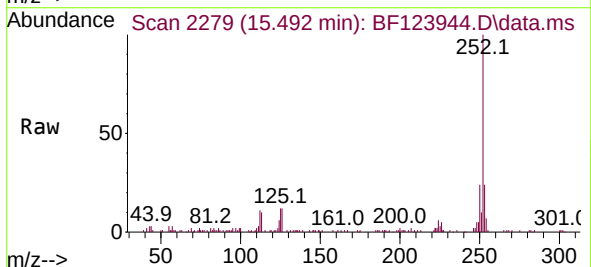
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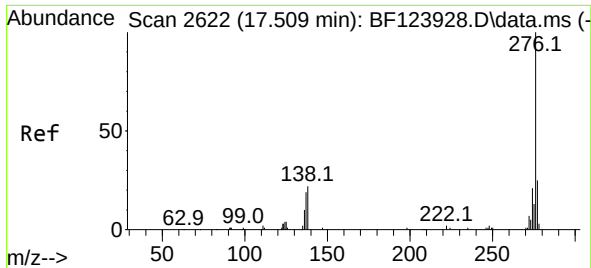
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#90
Benzo(a)pyrene
Concen: 13.11 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:252 Resp: 83800
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 12.1 8.0 12.0#





#92
Benzo(g,h,i)perylene
Concen: 6.08 ng
RT: 17.509 min Scan# 2622
Delta R.T. 0.000 min
Lab File: BF123944.D
Acq: 15 May 2021 14:42

Tgt Ion:	276	Resp:	37884
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.2	27.2
138	17.9	13.8	20.6

Instrument :
BNA_F
ClientSampleId :
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