

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
 Data File : BF123208.D
 Acq On : 15 Feb 2021 16:56
 Operator : JU/CG
 Sample : M1403-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Manual Integrations
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mohammad
 2/16/2021 10:44:47 AM

Quant Time: Feb 15 23:44:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	149453	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	593341	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	295875	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	559160	20.00	ng	0.00
76) Chrysene-d12	14.051	240	435883	20.00	ng	0.00
86) Perylene-d12	15.527	264	351507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	994302	100.84	ng	0.00
7) Phenol-d6	6.492	99	1238461	95.11	ng	0.00
23) Nitrobenzene-d5	7.428	82	790868	70.04	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	351439	109.99	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1368304	69.11	ng	0.00
79) Terphenyl-d14	12.992	244	1419528	65.27	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	59711	4.18	ng	89
50) Dimethylphthalate	9.622	163	67821	3.16	ng	99
71) Phenanthrene	11.422	178	183296	5.56	ng	98
75) Fluoranthene	12.616	202	456380	13.79	ng	98
78) Pyrene	12.845	202	396540	12.30	ng	99
81) Benzo(a)anthracene	14.039	228	174190	5.93	ng	99
83) Chrysene	14.074	228	197651m	6.83	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	80421	3.33	ng	99
88) Benzo(b)fluoranthene	15.092	252	197662m	8.00	ng	
89) Benzo(k)fluoranthene	15.121	252	68660m	3.03	ng	
90) Benzo(a)pyrene	15.462	252	122526	5.55	ng	100
92) Benzo(g,h,i)perylene	17.445	276	75801	3.80	ng	# 93

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

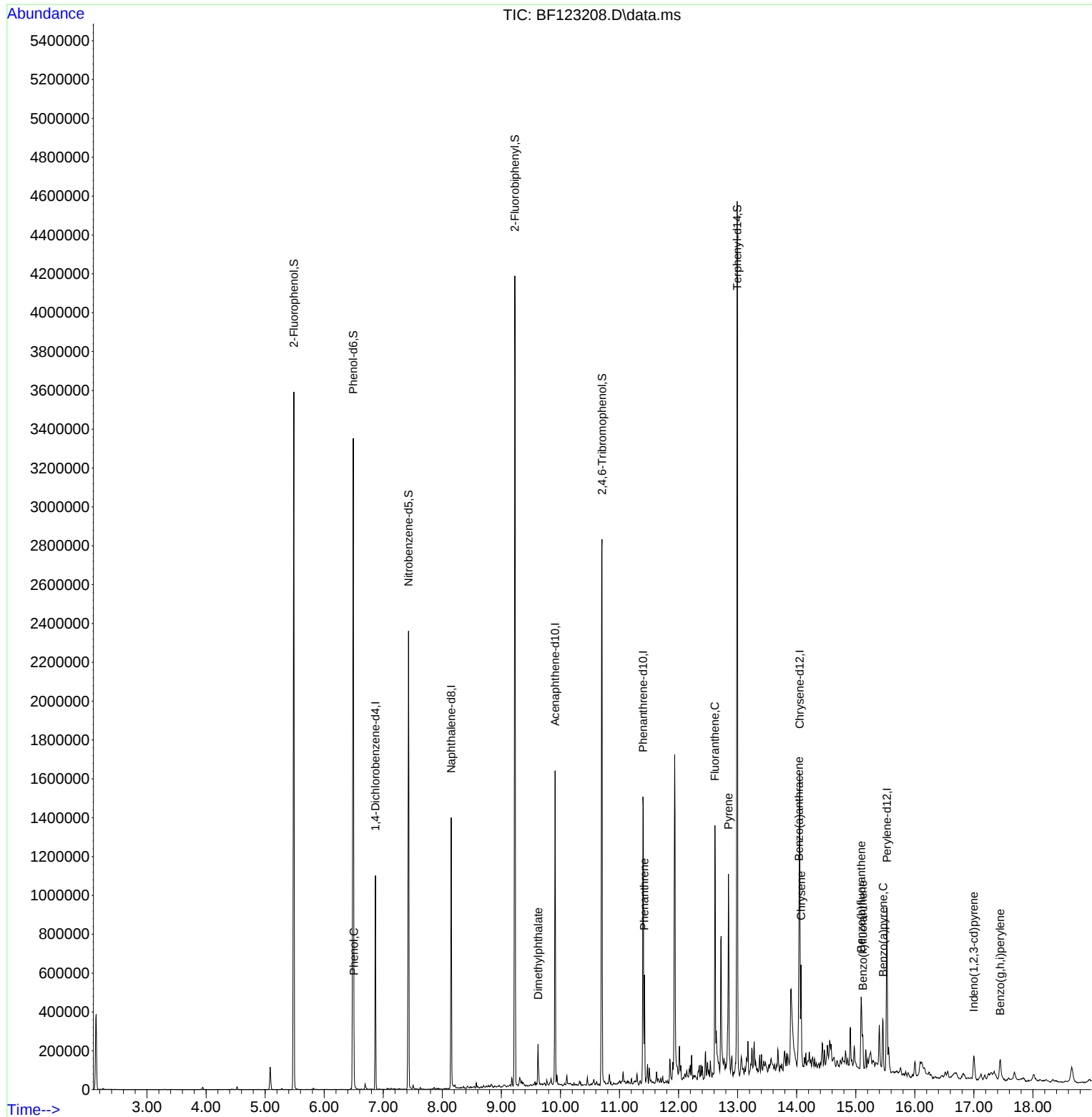
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Data File : BF123208.D
Acq On : 15 Feb 2021 16:56
Operator : JU/CG
Sample : M1403-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

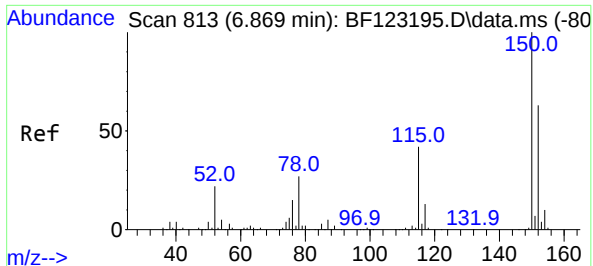
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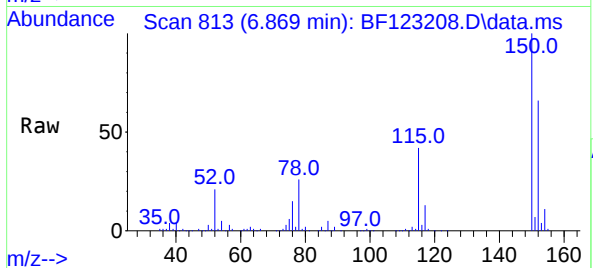
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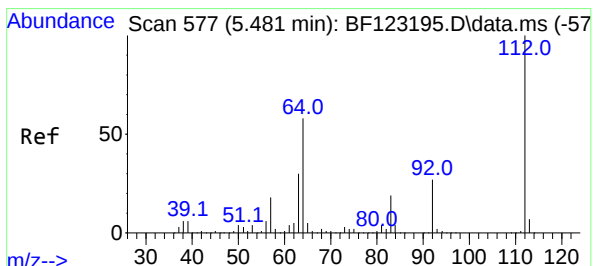
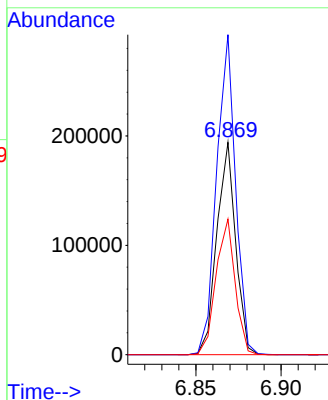
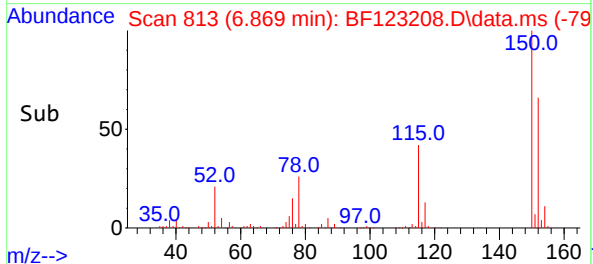




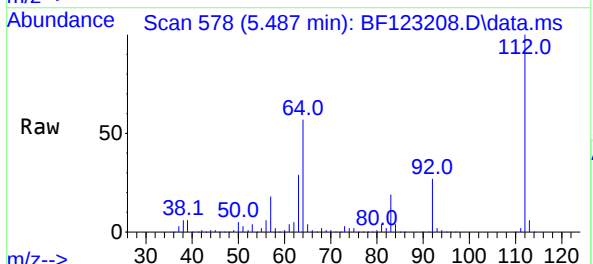
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



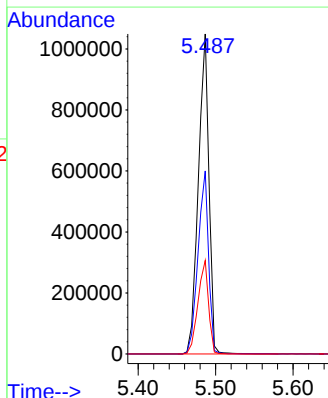
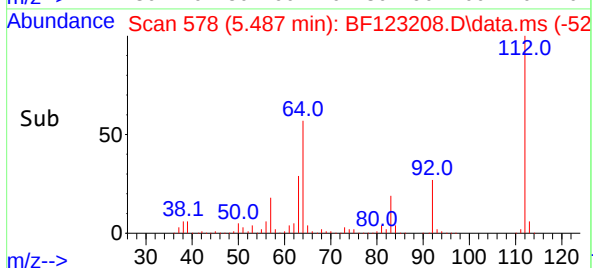
Tgt Ion:152 Resp: 149453
Ion Ratio Lower Upper
152 100
150 150.7 125.8 188.6
115 63.8 49.3 73.9



#5
2-Fluorophenol
Concen: 100.84 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



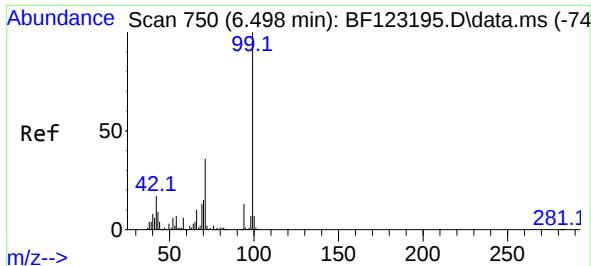
Tgt Ion:112 Resp: 994302
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.2 24.5 36.7



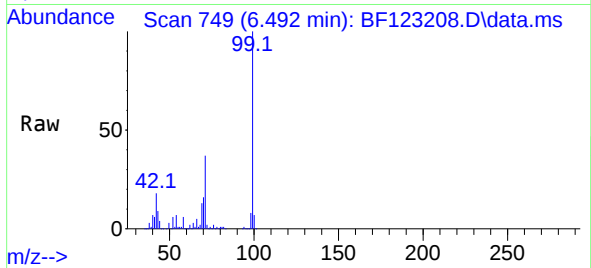
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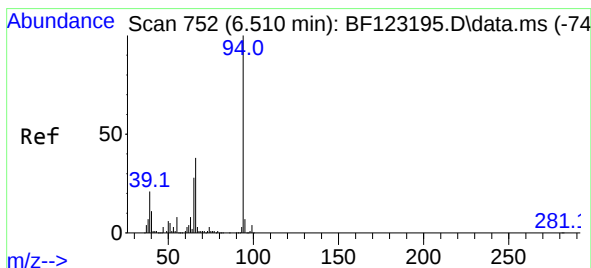
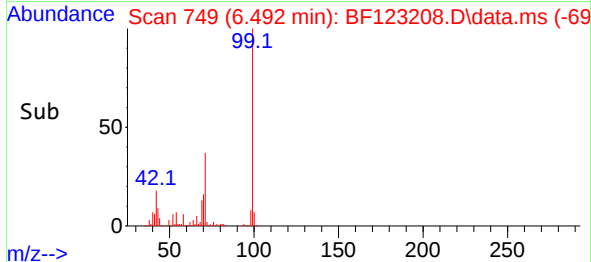
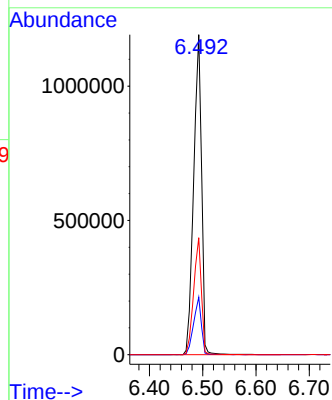


#7
Phenol-d6
Concen: 95.11 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

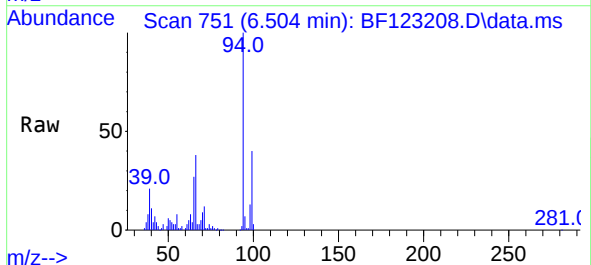


Tgt Ion: 99 Resp: 1238461

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	36.6	26.9	40.3

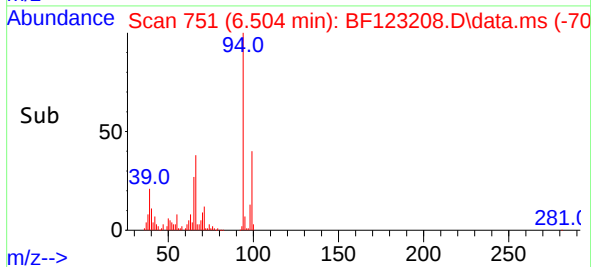
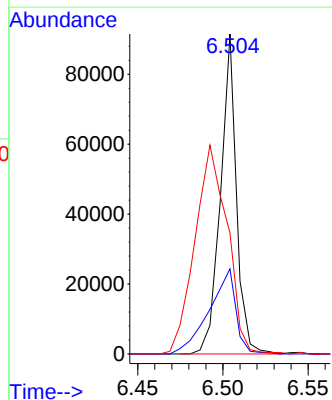


#10
Phenol
Concen: 4.18 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



Tgt Ion: 94 Resp: 59711

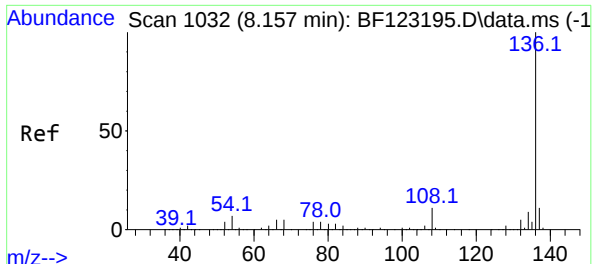
Ion	Ratio	Lower	Upper
94	100		
65	26.6	11.2	51.2
66	37.9	25.8	65.8



Instrument :
BNA_F
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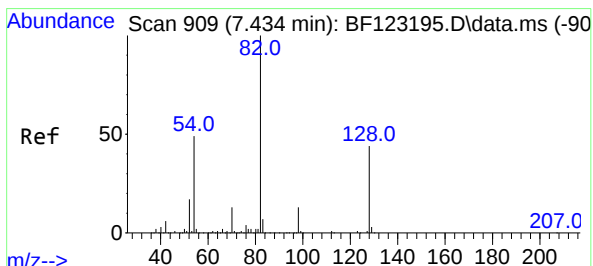
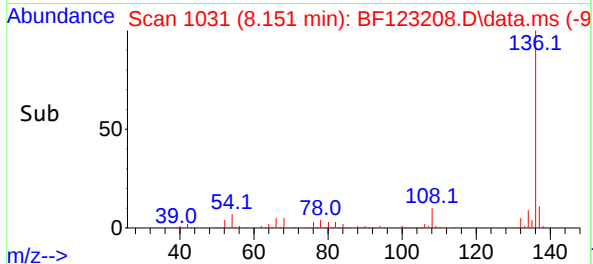
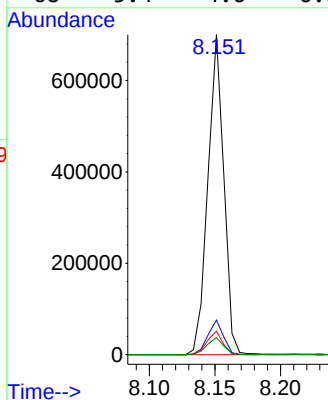
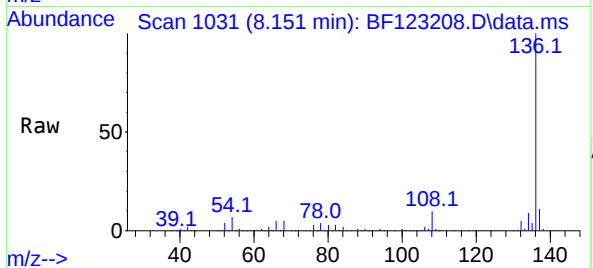
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:	136	Resp:	593341
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.3	5.5	8.3
68	5.4	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
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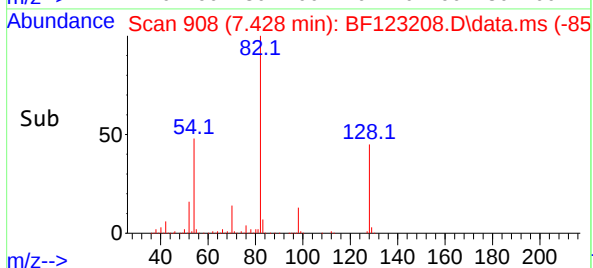
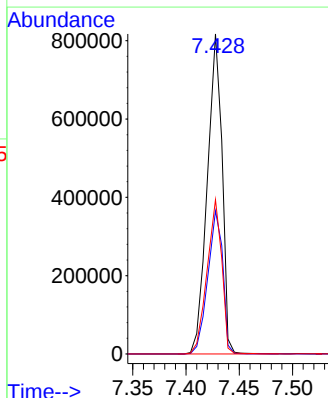
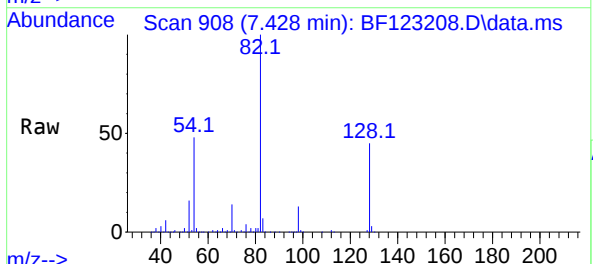
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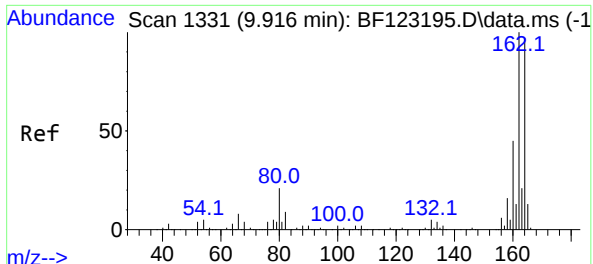
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#23
Nitrobenzene-d5
Concen: 70.04 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:	82	Resp:	790868
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.4
54	48.2	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF123208.D

Acq: 15 Feb 2021 16:56

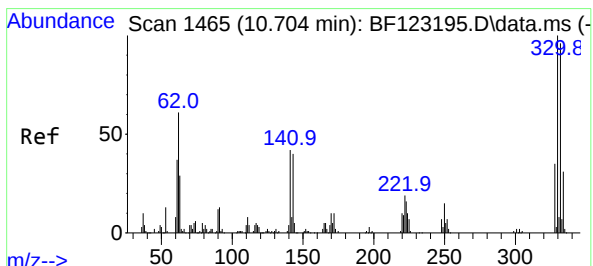
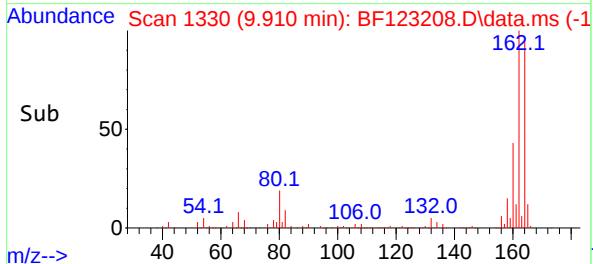
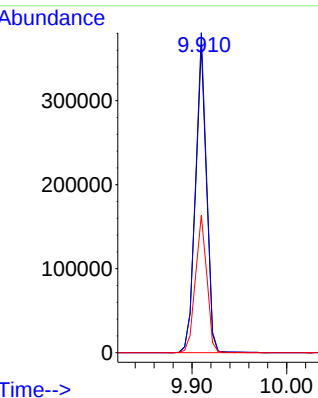
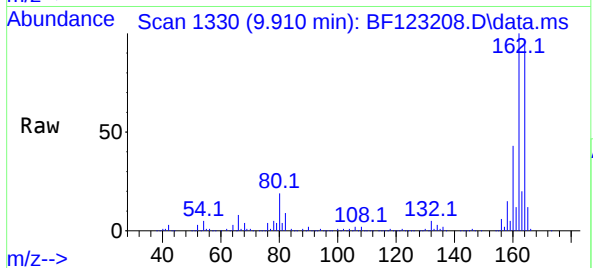
Tgt Ion:164 Resp: 295875

Ion Ratio Lower Upper

164 100

162 104.0 80.8 121.2

160 44.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 109.99 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF123208.D

Acq: 15 Feb 2021 16:56

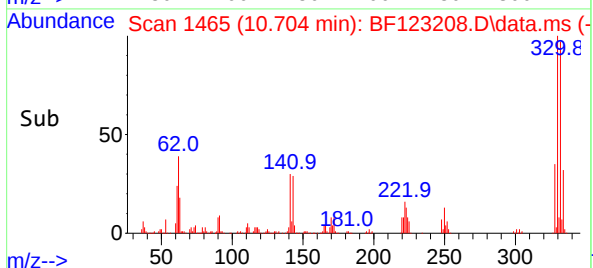
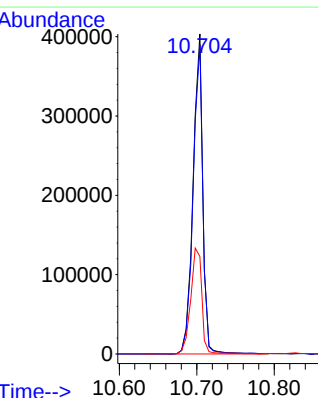
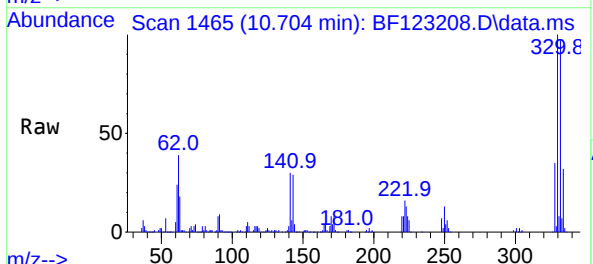
Tgt Ion:330 Resp: 351439

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 38.2 23.8 35.8#



Instrument :

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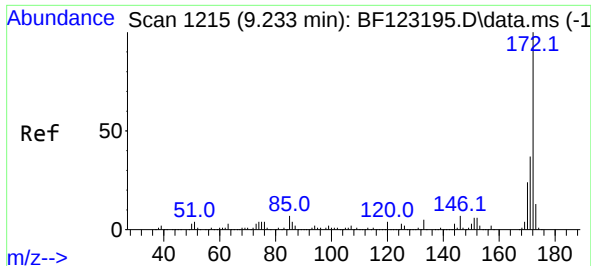
ClientSampleId :

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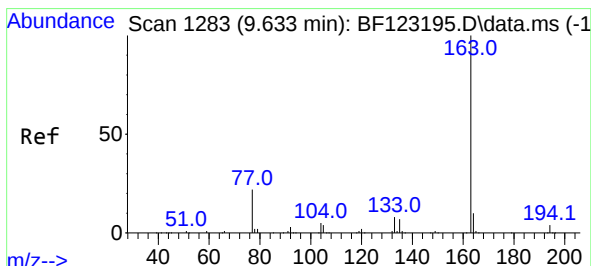
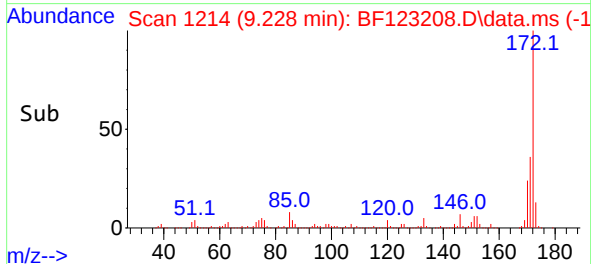
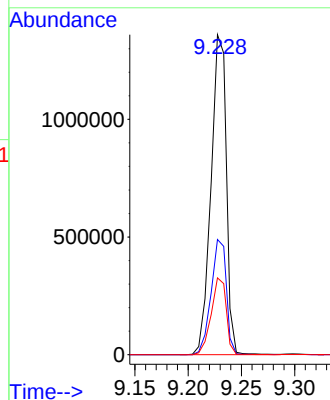
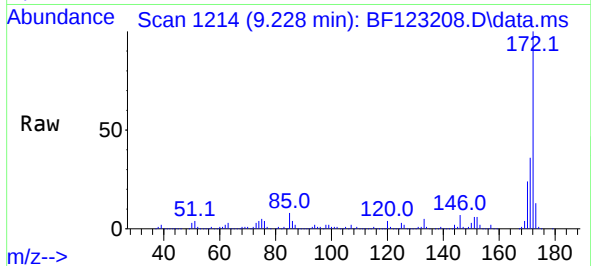
#45
2-Fluorobiphenyl
Concen: 69.11 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

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ClientSampled :
72-11939

Tgt Ion:172 Resp: 1368304
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.5 29.3

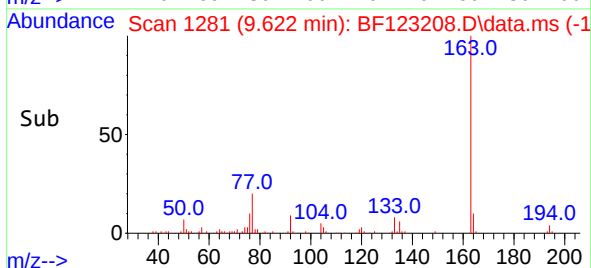
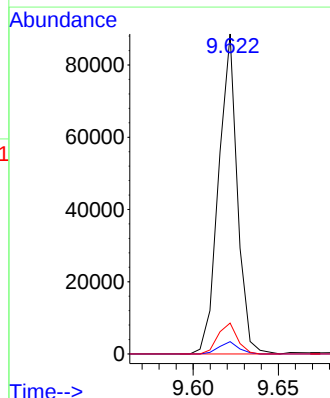
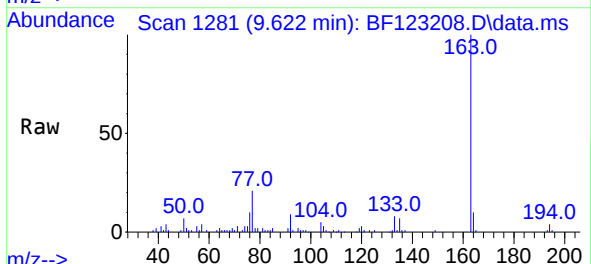
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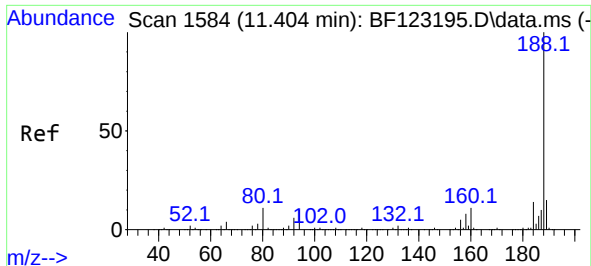
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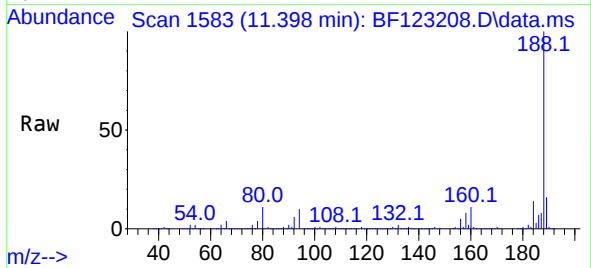
#50
Dimethylphthalate
Concen: 3.16 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:163 Resp: 67821
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.6 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

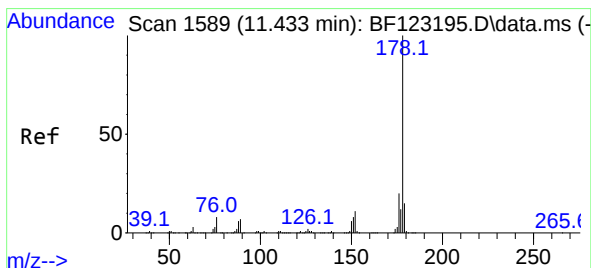
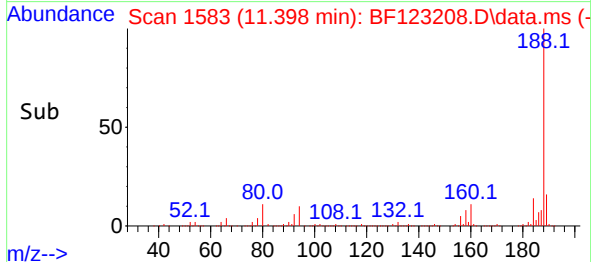
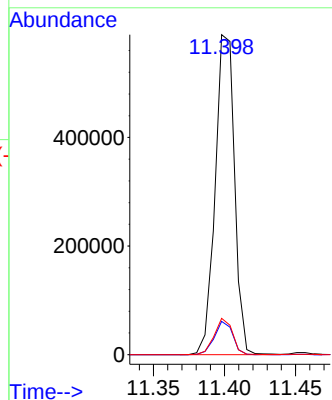


Tgt Ion:188 Resp: 559160
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.3 8.2 12.4

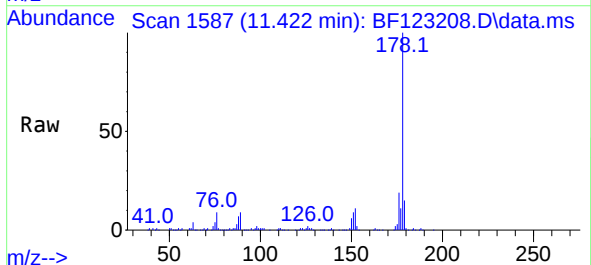
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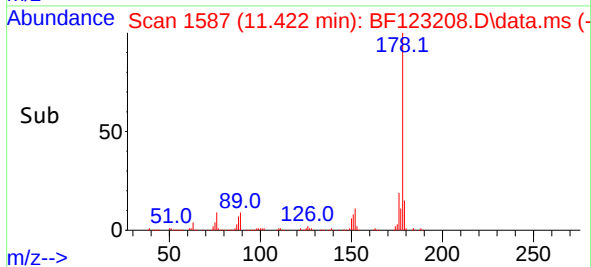
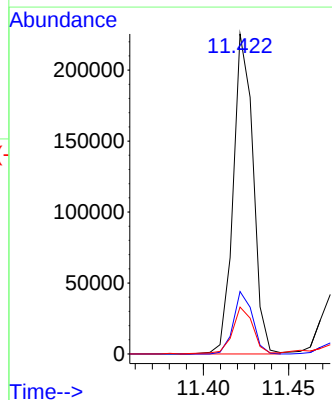
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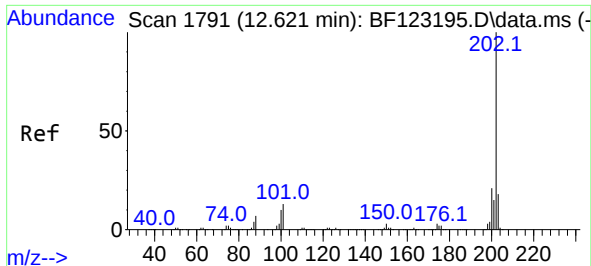


#71
Phenanthrene
Concen: 5.56 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

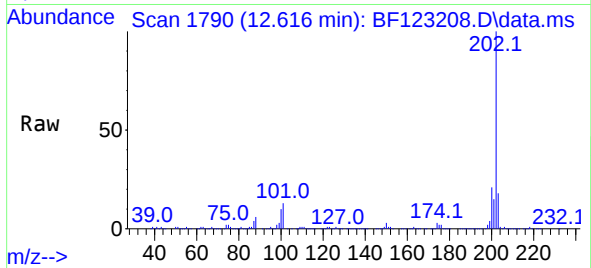


Tgt Ion:178 Resp: 183296
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 14.7 12.7 19.1

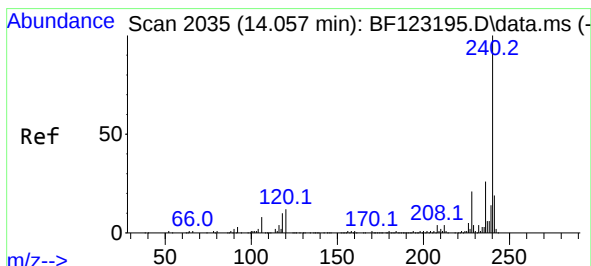
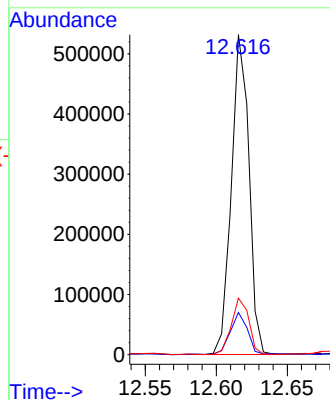
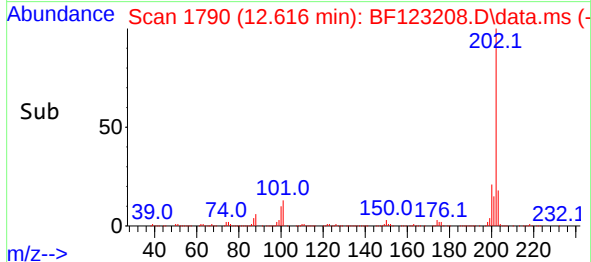




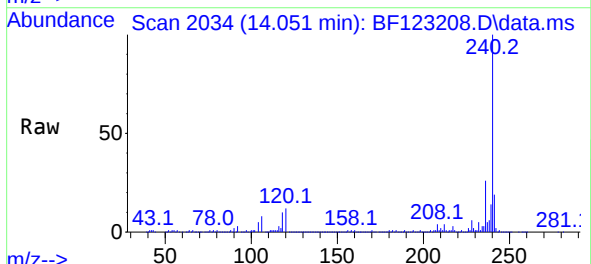
#75
Fluoranthene
Concen: 13.79 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



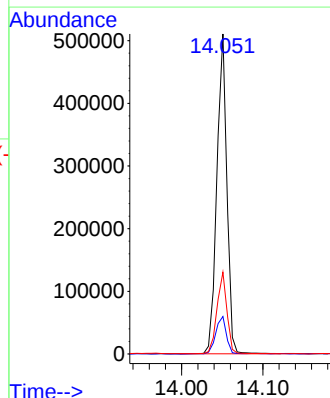
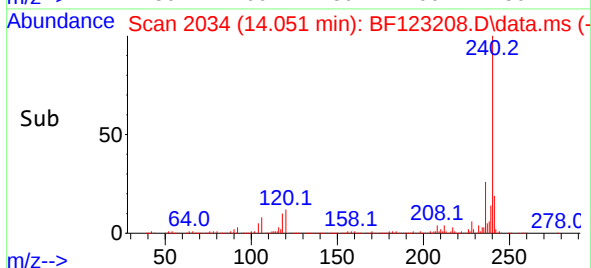
Tgt Ion:202 Resp: 456380
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.2
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



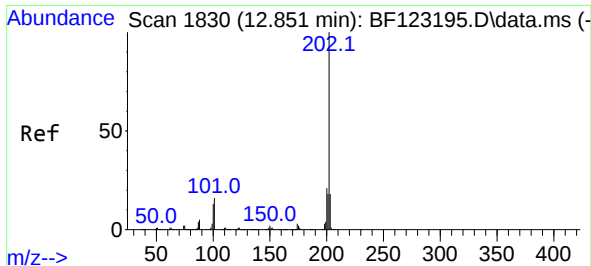
Tgt Ion:240 Resp: 435883
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.3 30.5



Instrument :
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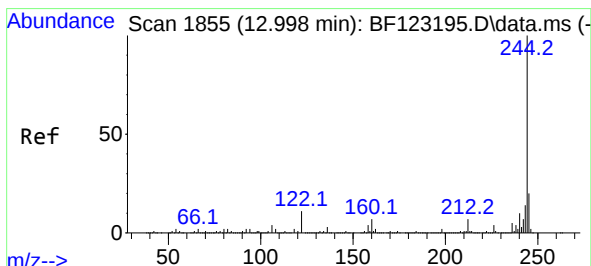
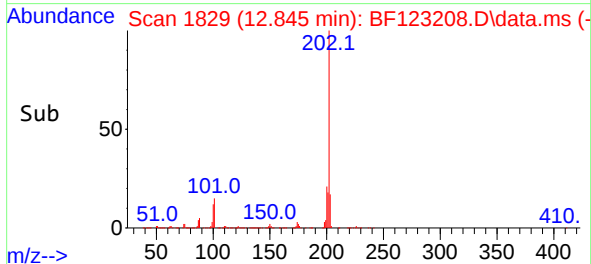
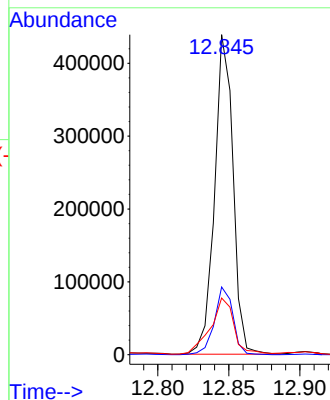
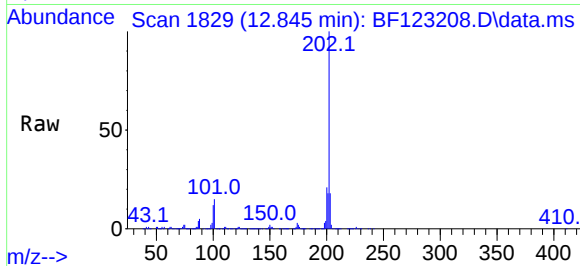
#78
Pyrene
Concen: 12.30 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:	202	Resp:	396540
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	17.7	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
72-11939

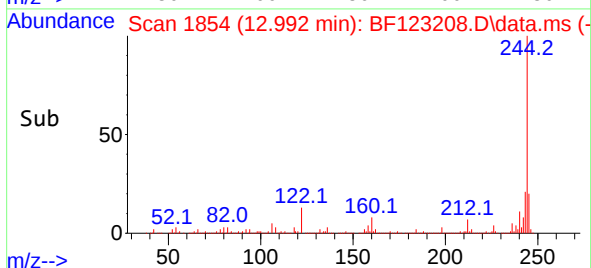
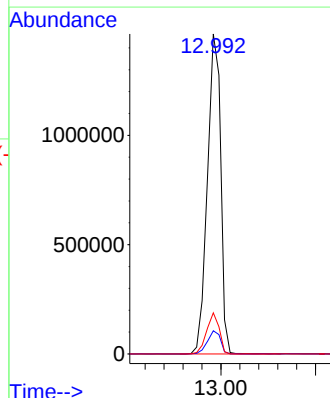
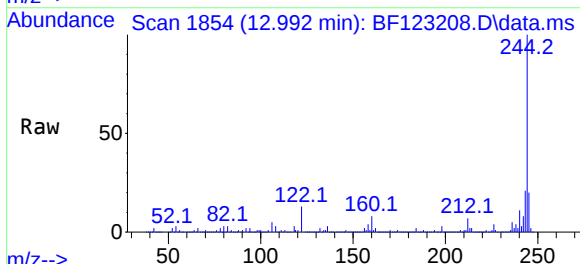
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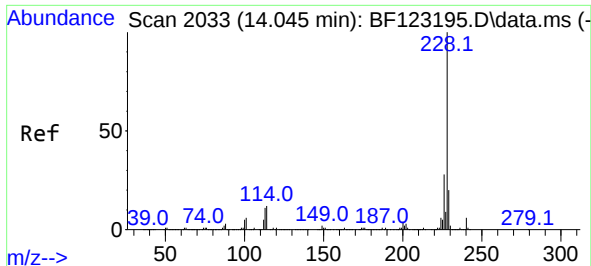
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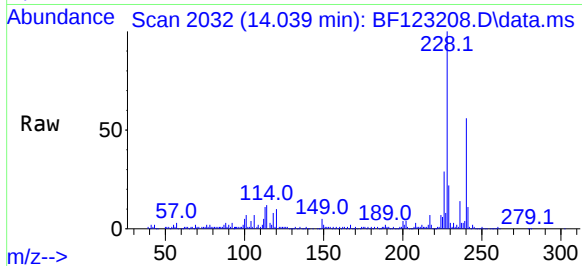
#79
Terphenyl-d14
Concen: 65.27 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:	244	Resp:	1419528
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	12.9	8.3	12.5#





#81
Benzo(a)anthracene
Concen: 5.93 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

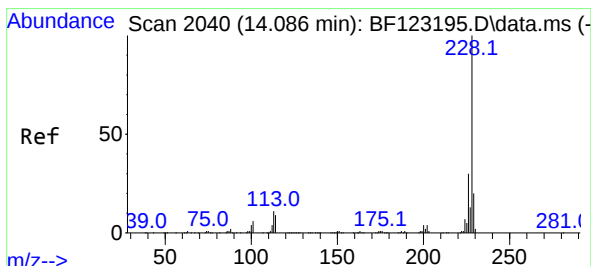
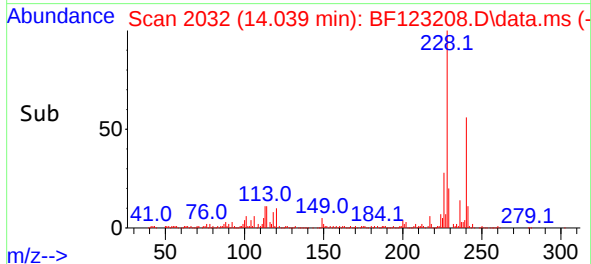
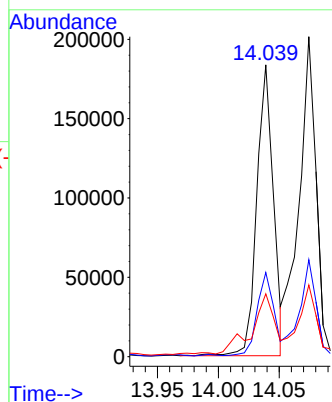


Tgt Ion:228 Resp: 174190
Ion Ratio Lower Upper
228 100
226 28.9 23.0 34.4
229 21.6 16.6 24.8

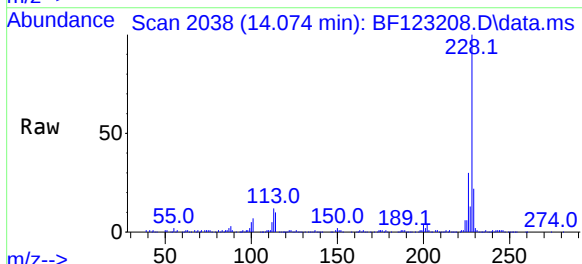
Instrument :
BNA_F
ClientSampleId :
72-11939

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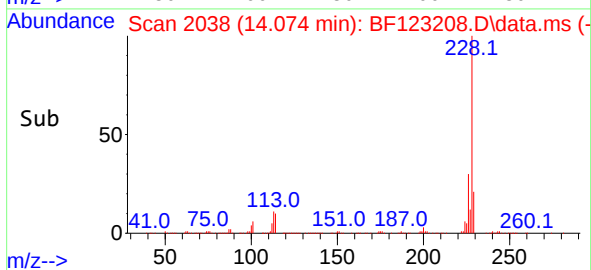
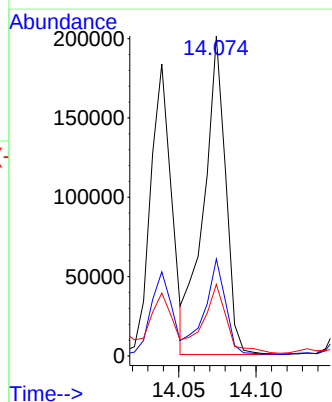
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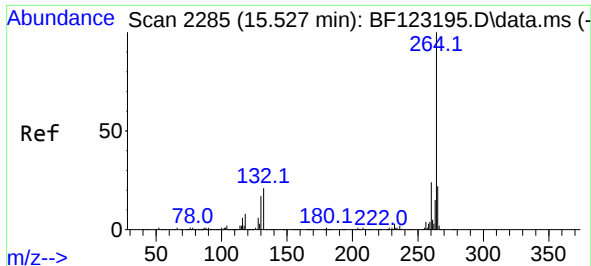


#83
Chrysene
Concen: 6.83 ng m
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



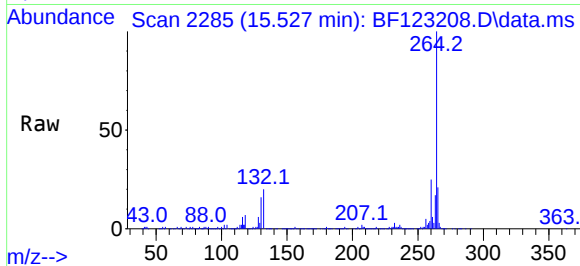
Tgt Ion:228 Resp: 197651
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 22.4 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

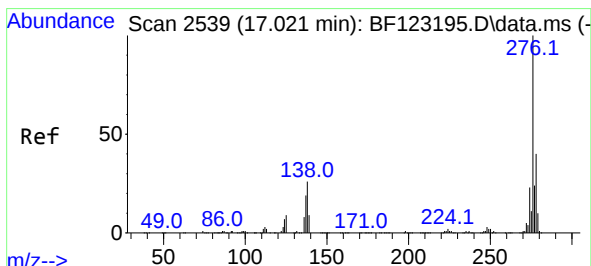
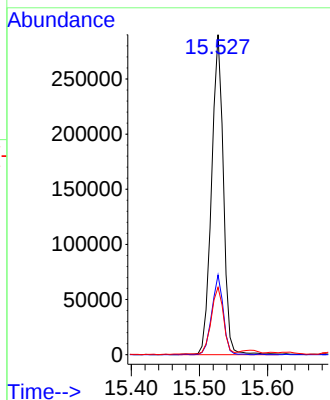
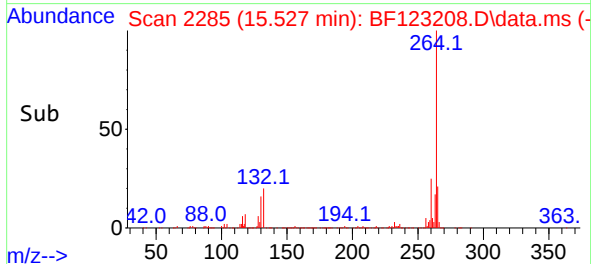
Instrument :
BNA_F
ClientSampled :
72-11939



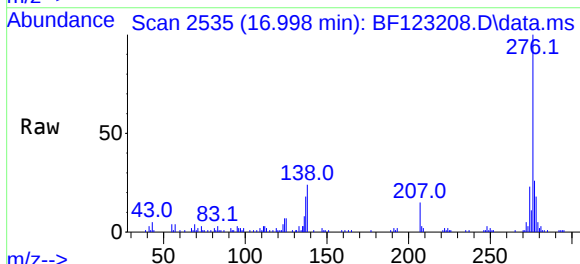
Tgt Ion:264 Resp: 351507
Ion Ratio Lower Upper
264 100
260 24.9 18.6 28.0
265 21.0 17.0 25.6

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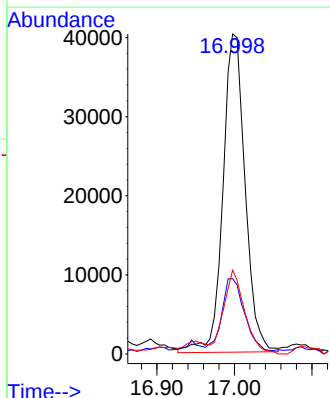
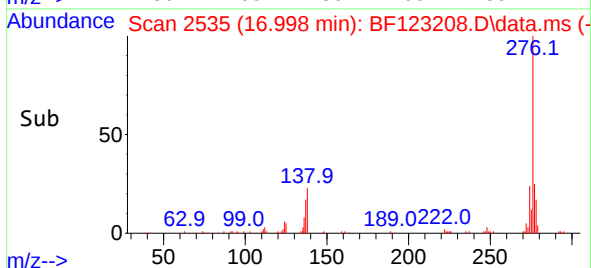
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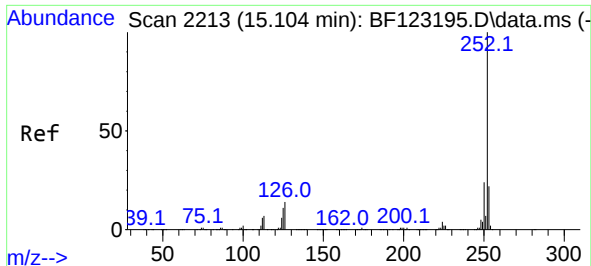


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.024 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



Tgt Ion:276 Resp: 80421
Ion Ratio Lower Upper
276 100
138 24.1 18.7 28.1
277 25.0 20.2 30.4





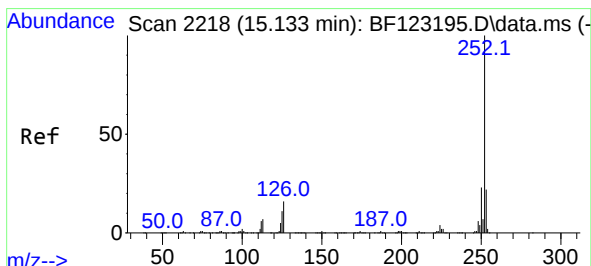
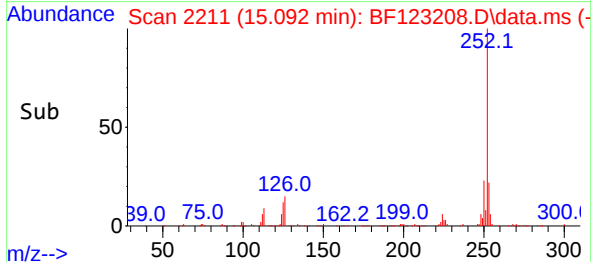
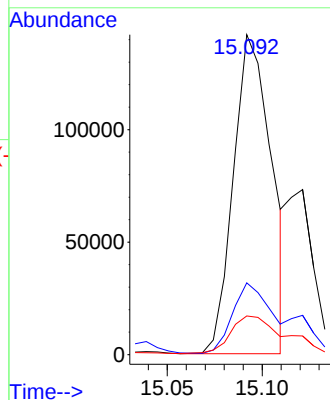
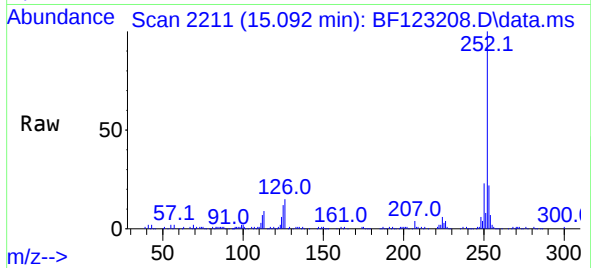
#88
Benzo(b)fluoranthene
Concen: 8.00 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

Tgt Ion:252 Resp: 197662
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 12.1 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
72-11939

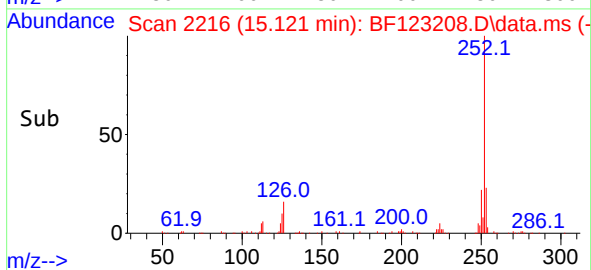
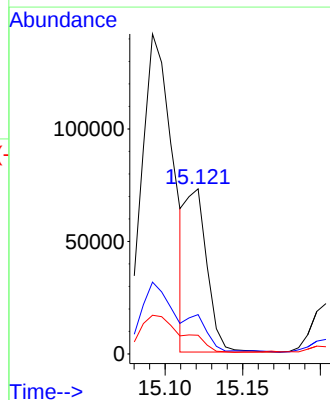
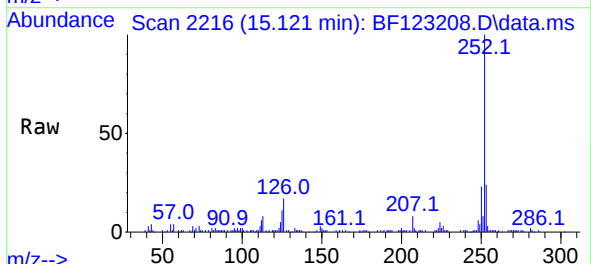
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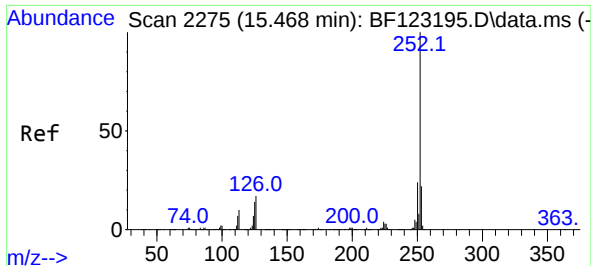
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#89
Benzo(k)fluoranthene
Concen: 3.03 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

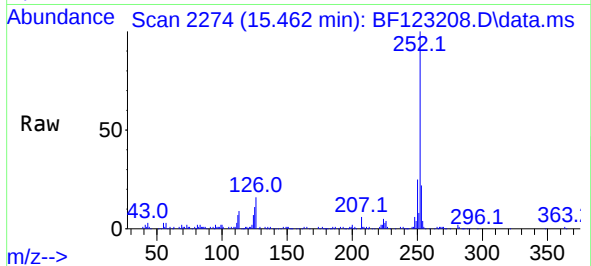
Tgt Ion:252 Resp: 68660
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 11.4 8.4 12.6





#90
Benzo(a)pyrene
Concen: 5.55 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56

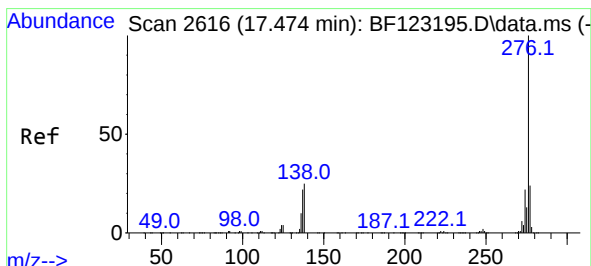
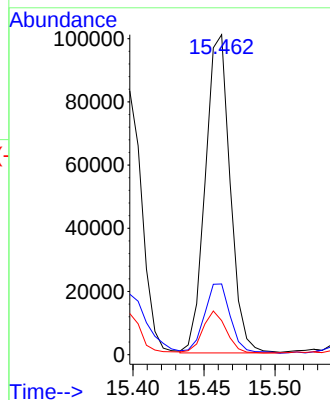
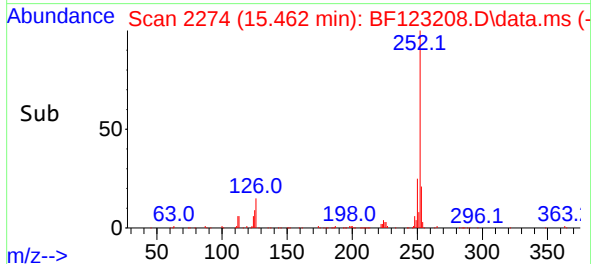
Instrument :
BNA_F
ClientSampled :
72-11939



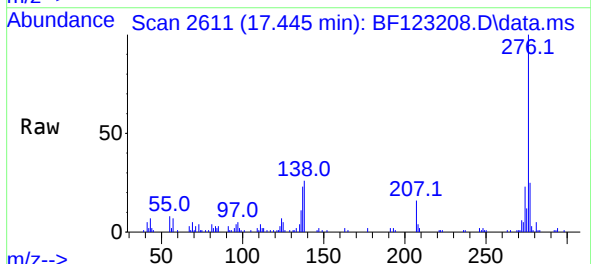
Tgt Ion:252 Resp: 122526
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 12.8

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#92
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.029 min
Lab File: BF123208.D
Acq: 15 Feb 2021 16:56



Tgt Ion:276 Resp: 75801
Ion Ratio Lower Upper
276 100
277 25.2 19.3 28.9
138 26.2 16.6 24.8#

