

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123994.D
 Acq On : 19 May 2021 17:15
 Operator : JU/CG
 Sample : M2439-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-282

Manual Integrations
 APPROVED

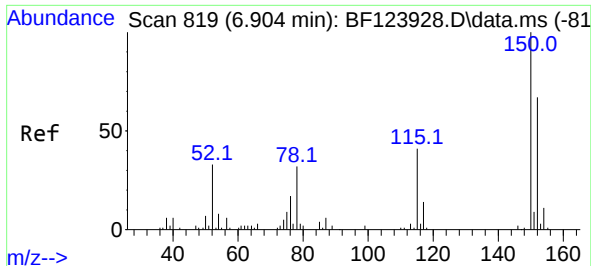
mohammad
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Quant Time: May 20 02:26:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

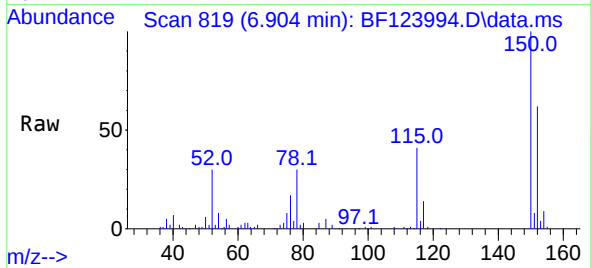
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	39334	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	163578	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	89535	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	142541	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	107843	20.00	ng	0.00
86) Perylene-d12	15.568	264	84112	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	276316	98.63	ng	0.01
7) Phenol-d6	6.528	99	354631	97.58	ng	0.00
23) Nitrobenzene-d5	7.463	82	255898	67.40	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	99572	92.59	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	454701	62.50	ng	0.00
79) Terphenyl-d14	13.015	244	395871	55.60	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.651	163	73046	10.22	ng	98
71) Phenanthrene	11.451	178	54580	6.04	ng	98
75) Fluoranthene	12.645	202	181163	19.37	ng	98
78) Pyrene	12.874	202	169297	17.68	ng	99
81) Benzo(a)anthracene	14.063	228	100016	12.82	ng	97
83) Chrysene	14.098	228	113689m	15.16	ng	
84) Bis(2-ethylhexyl)phtha...	14.051	149	53368	10.07	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	51332	7.90	ng	# 94
88) Benzo(b)fluoranthene	15.127	252	149985m	23.05	ng	
89) Benzo(k)fluoranthene	15.157	252	54074m	9.12	ng	
90) Benzo(a)pyrene	15.504	252	89632	15.94	ng	96
91) Dibenzo(a,h)anthracene	17.074	278	13225	2.42	ng	92
92) Benzo(g,h,i)perylene	17.527	276	47695	8.69	ng	95

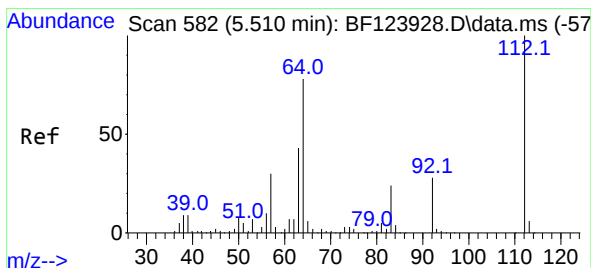
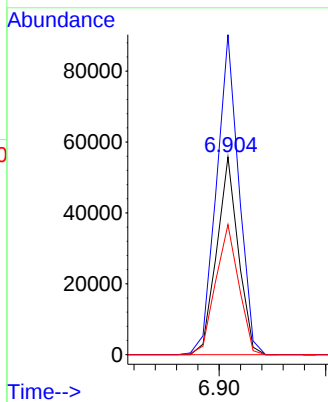
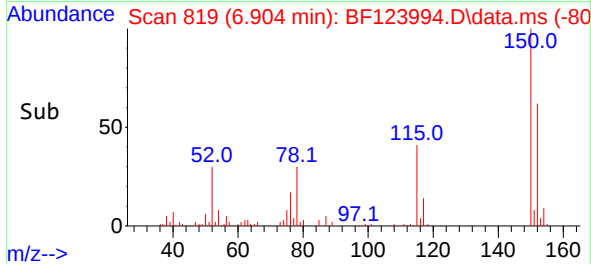
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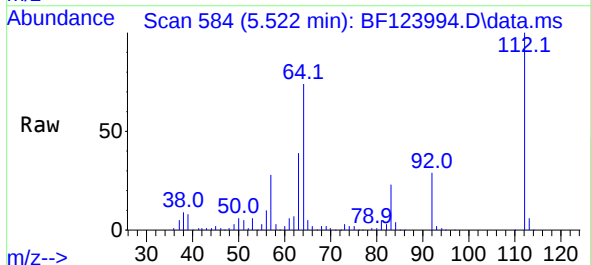
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123994.D
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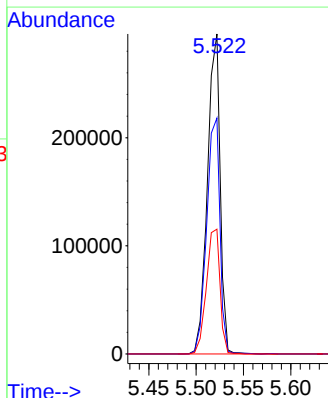
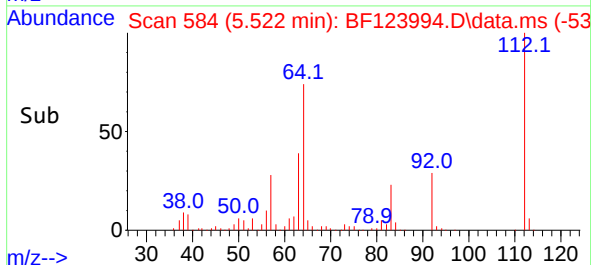
Tgt Ion:152 Resp: 39334
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 65.8 54.3 81.5



#5
2-Fluorophenol
Concen: 98.63 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



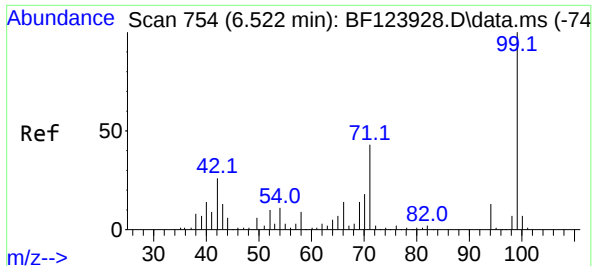
Tgt Ion:112 Resp: 276316
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 39.0 33.0 49.4



Instrument :
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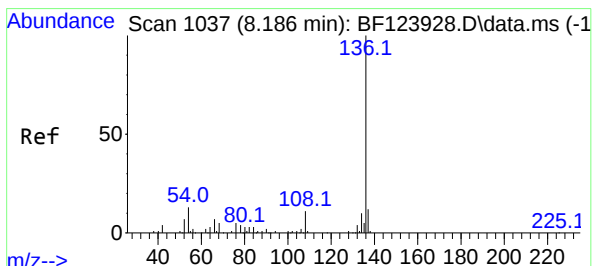
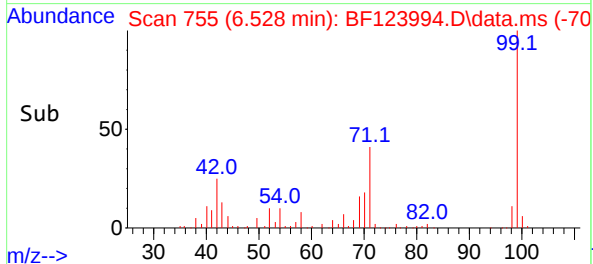
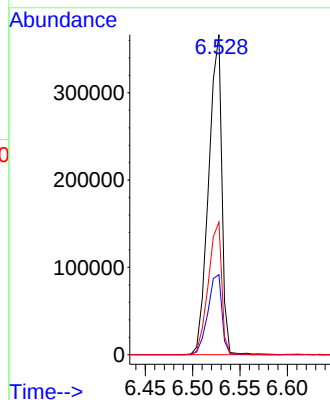
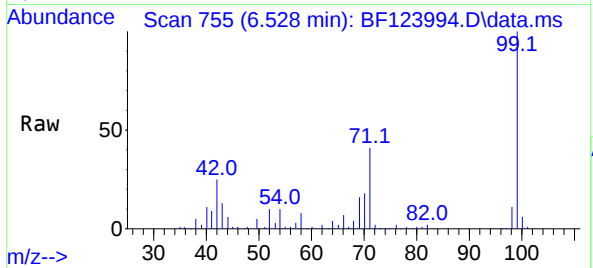
#7
Phenol-d6
Concen: 97.58 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion: 99 Resp: 354631
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 41.4 31.1 46.7

Instrument :
BNA_F
ClientSampled :
RO-282

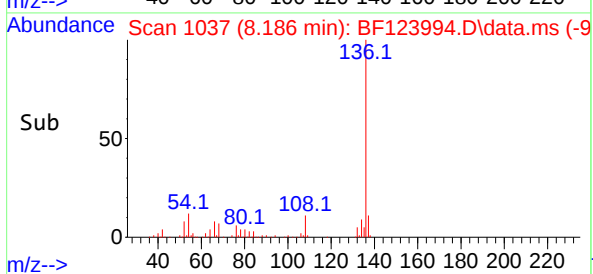
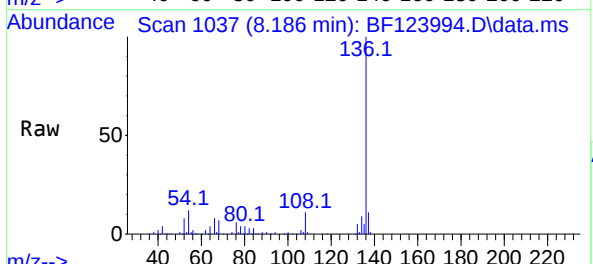
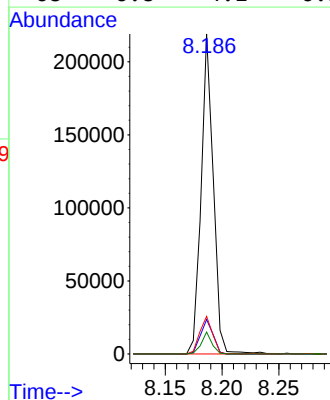
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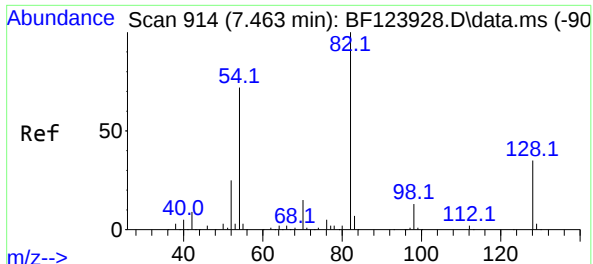
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

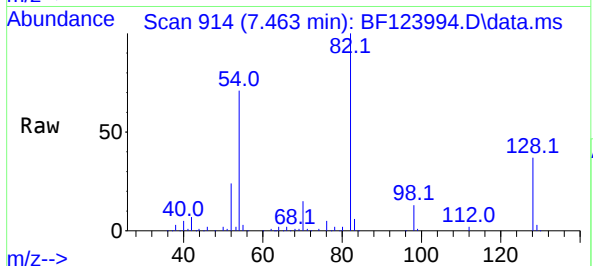
Tgt Ion: 136 Resp: 163578
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.7 9.8 14.6
68 6.8 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

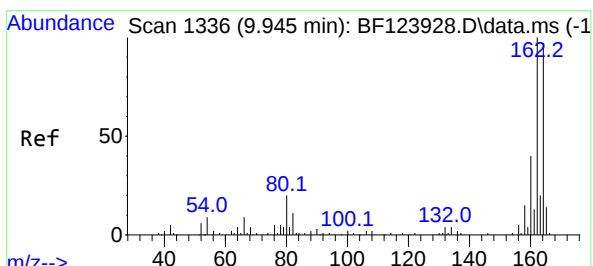
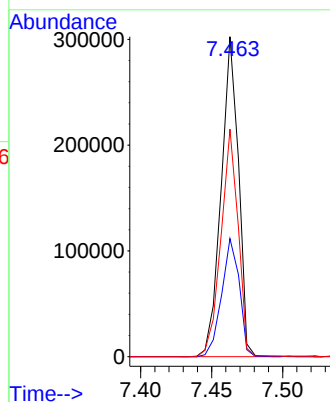
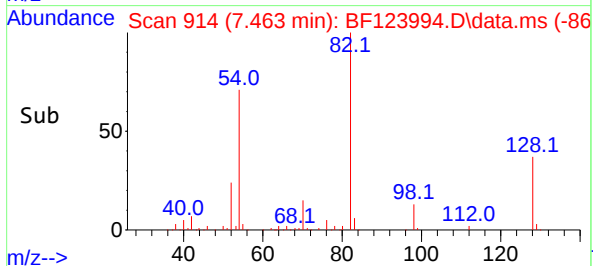
Instrument :
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ClientSampled :
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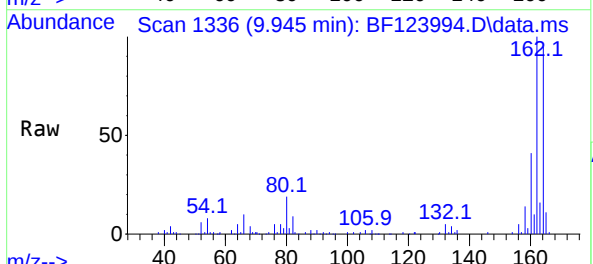
Tgt Ion: 82 Resp: 255898
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 71.1 54.1 81.1

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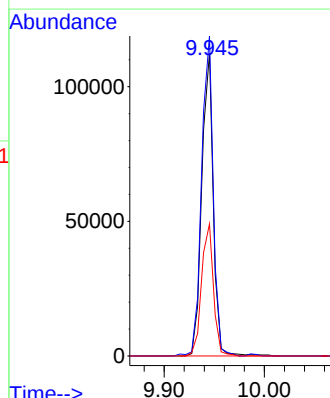
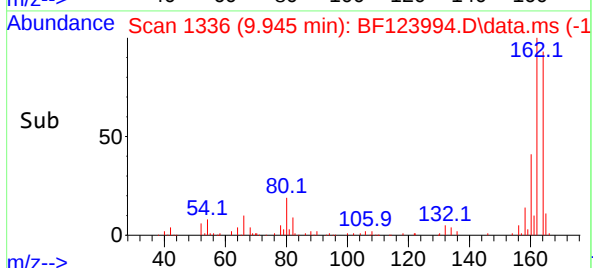
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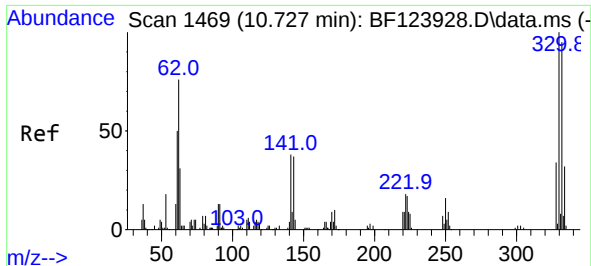


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



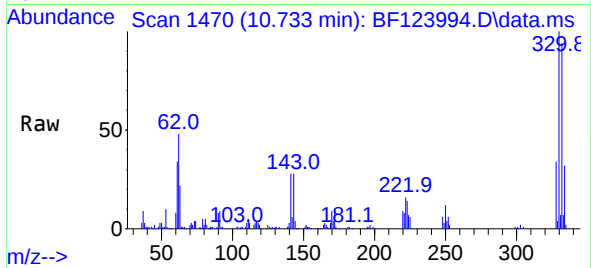
Tgt Ion: 164 Resp: 89535
Ion Ratio Lower Upper
164 100
162 105.7 80.7 121.1
160 43.6 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 92.59 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

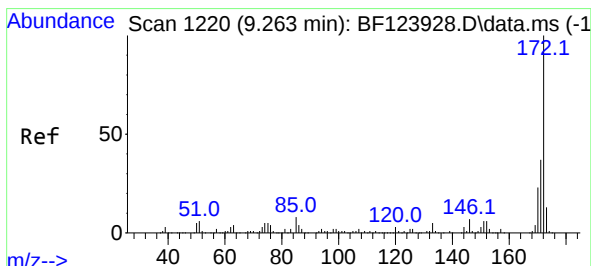
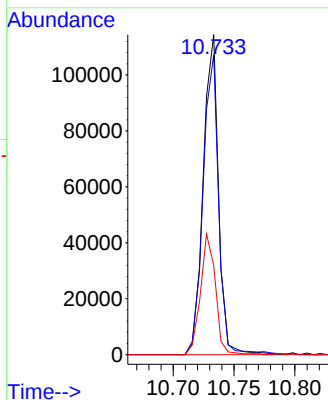
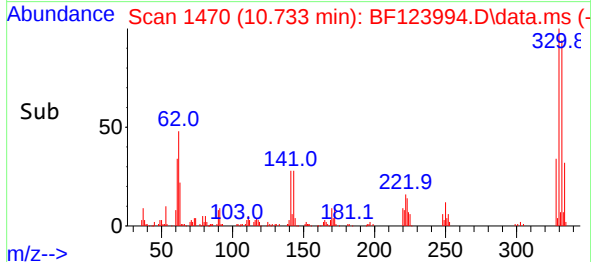
Instrument :
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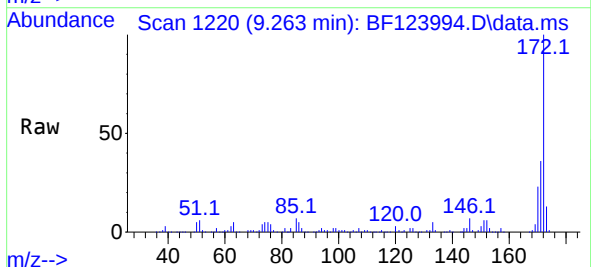
Tgt Ion: 330 Resp: 99572
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 37.2 27.9 41.9

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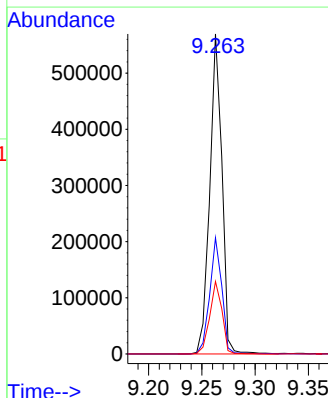
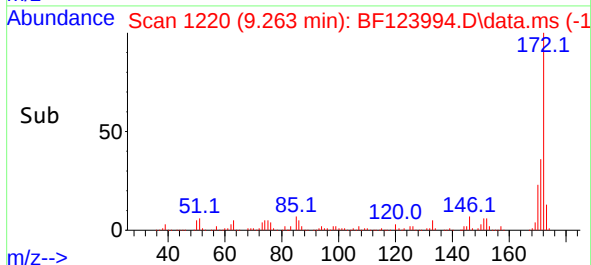
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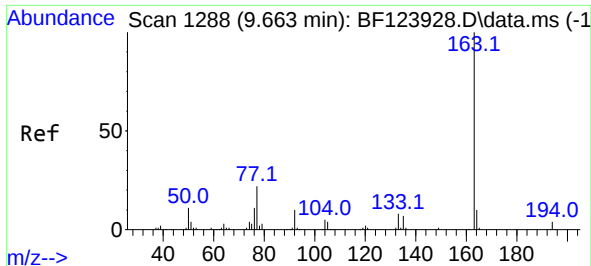


#45
2-Fluorobiphenyl
Concen: 62.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



Tgt Ion: 172 Resp: 454701
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.6 19.2 28.8





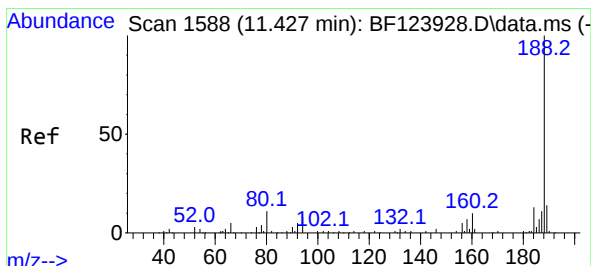
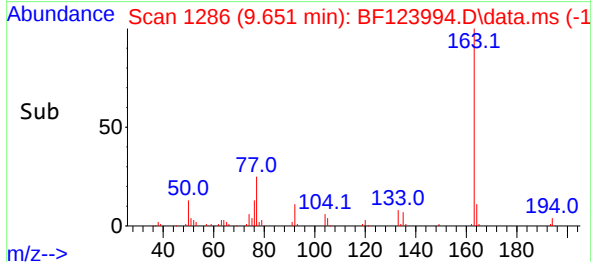
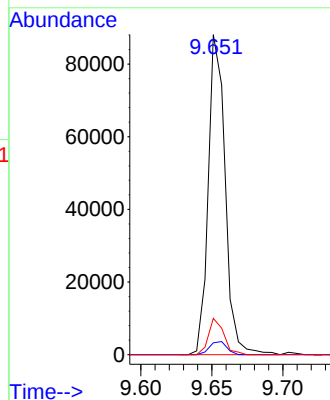
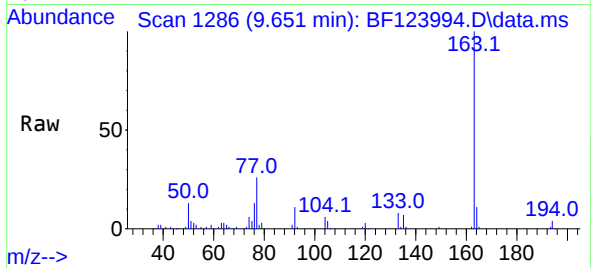
#50
Dimethylphthalate
Concen: 10.22 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion:163 Resp: 73046
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 11.4 8.2 12.2

Instrument :
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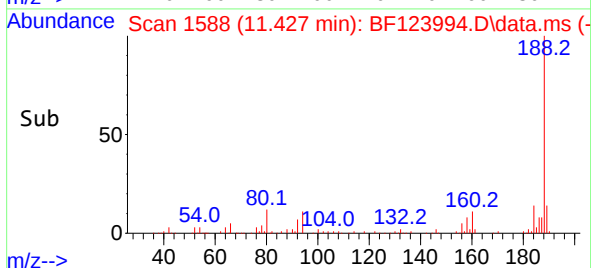
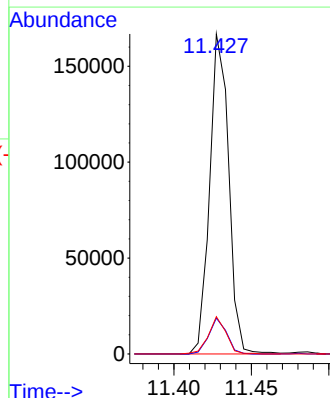
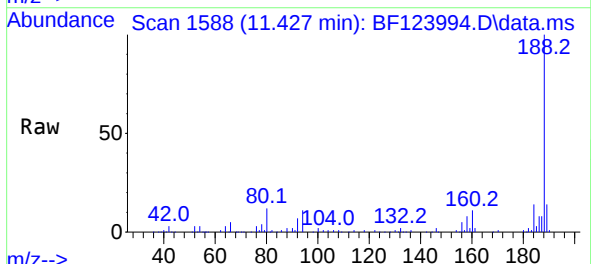
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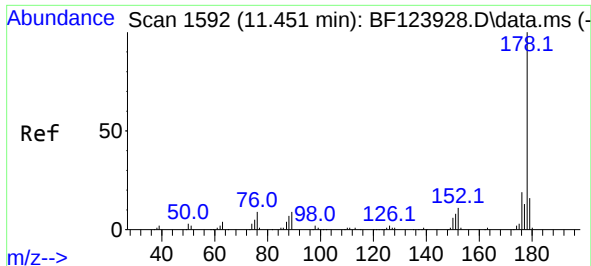
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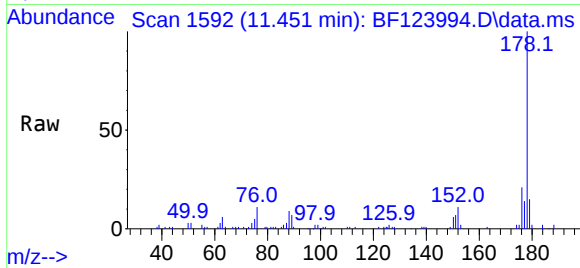
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion:188 Resp: 142541
Ion Ratio Lower Upper
188 100
94 11.2 6.9 10.3#
80 11.7 8.2 12.2

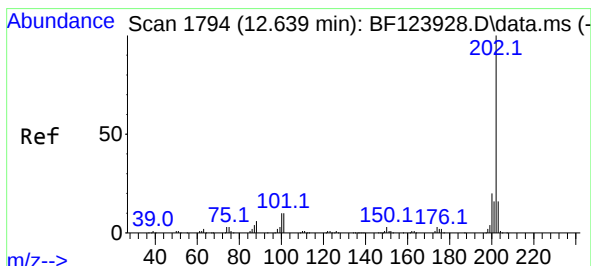
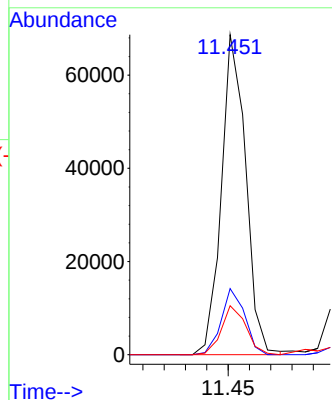
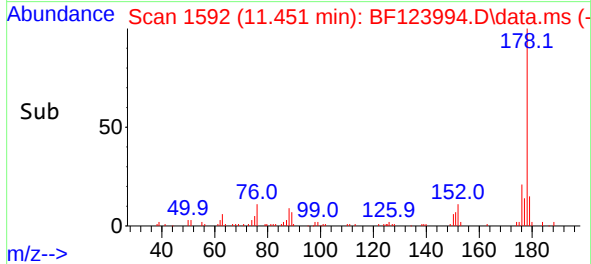




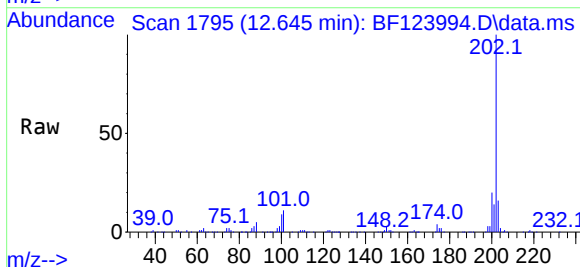
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Phenanthrene
Concen: 6.04 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



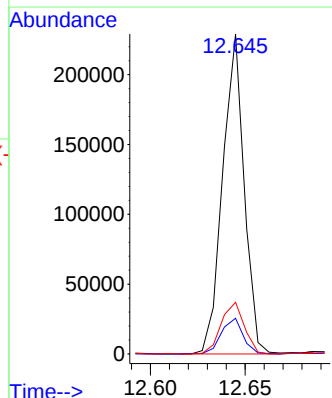
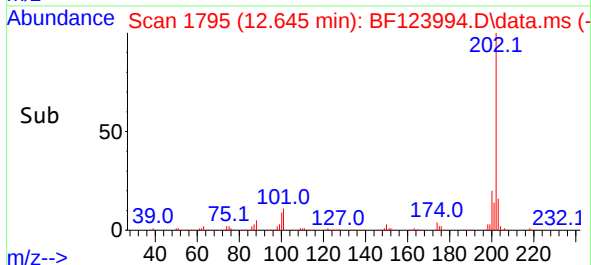
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Ion Ratio Lower Upper
178 100
176 20.7 15.6 23.4
179 15.3 12.5 18.7



#75
Fluoranthene
Concen: 19.37 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



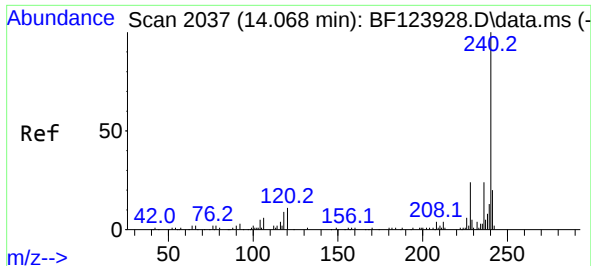
Tgt Ion:202 Resp: 181163
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 16.2 0.0 37.5



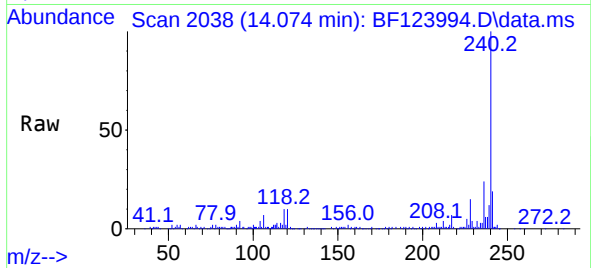
Instrument :
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ClientSampled :
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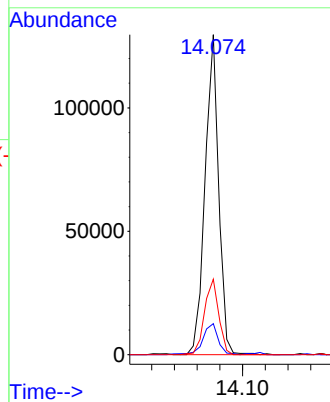
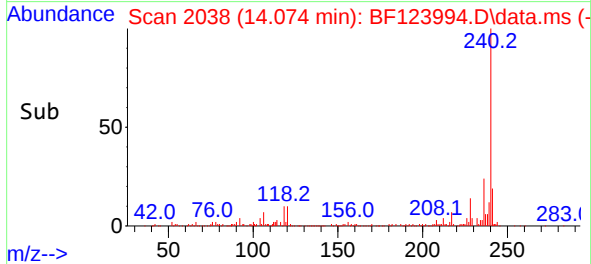
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



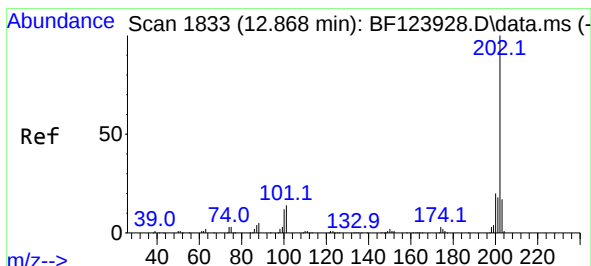
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Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.6 19.0 28.4



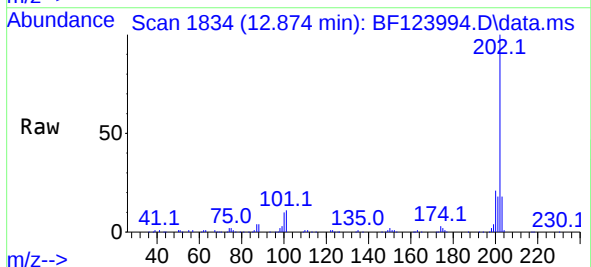
Instrument :
BNA_F
ClientSampled :
RO-282

Manual Integrations
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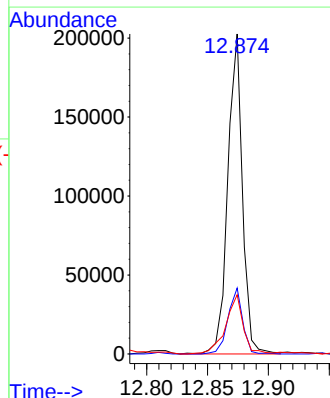
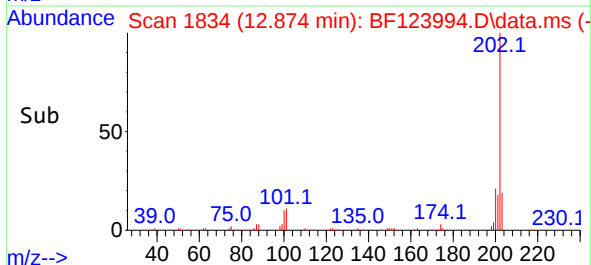
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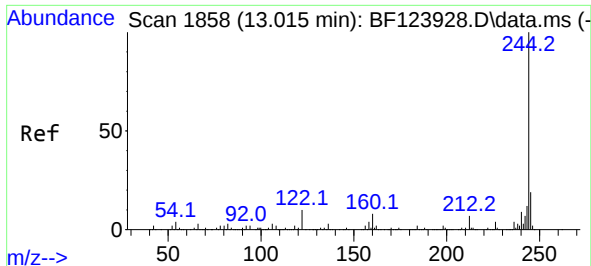


#78
Pyrene
Concen: 17.68 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

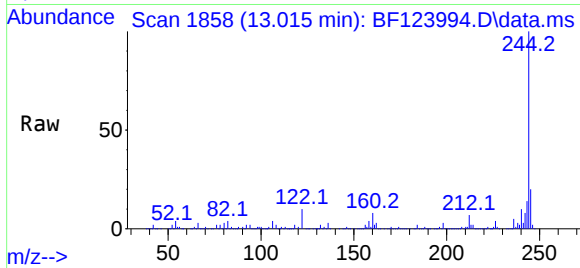


Tgt Ion:202 Resp: 169297
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 18.5 14.8 22.2

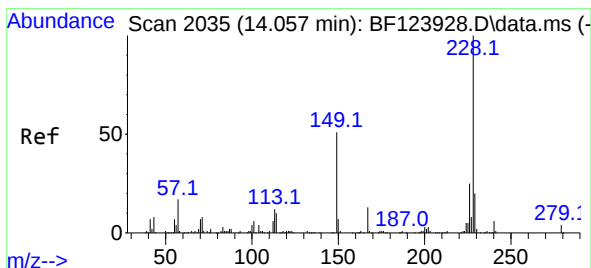
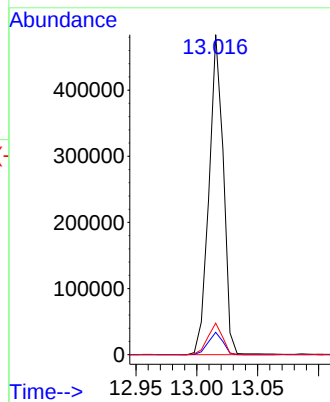
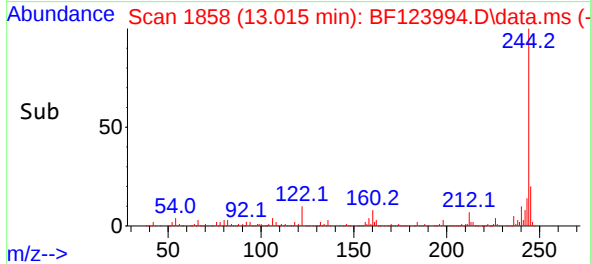




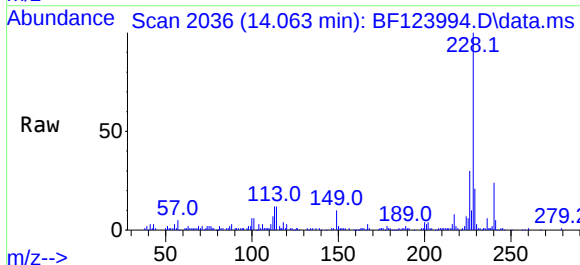
#79
Terphenyl-d14
Concen: 55.60 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



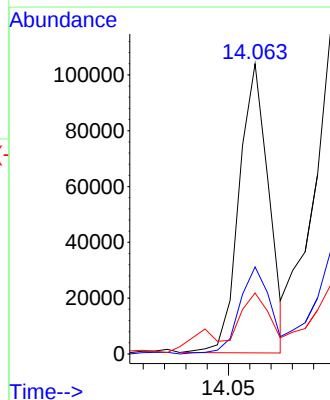
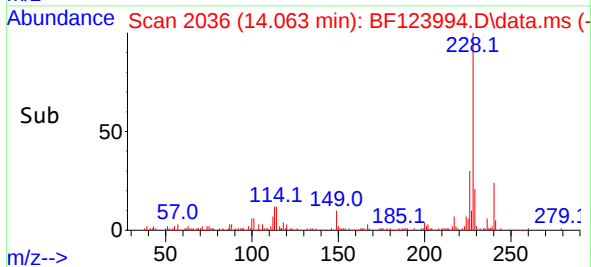
Tgt Ion:244 Resp: 395871
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.9 9.7 14.5



#81
Benzo(a)anthracene
Concen: 12.82 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



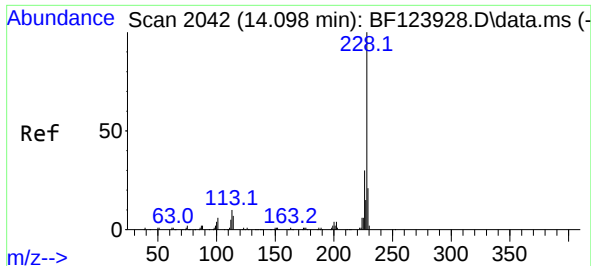
Tgt Ion:228 Resp: 100016
Ion Ratio Lower Upper
228 100
226 30.0 22.4 33.6
229 21.0 16.0 24.0



Instrument :
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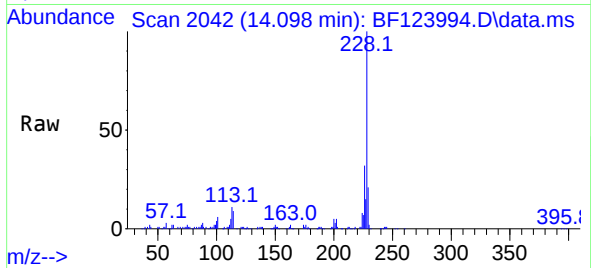
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#83
Chrysene
Concen: 15.16 ng m
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

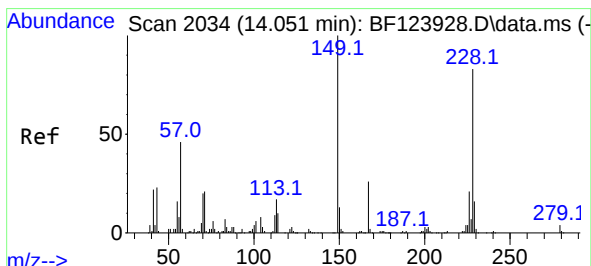
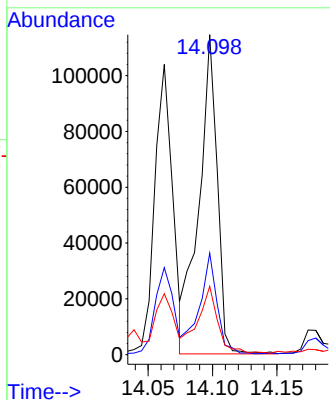
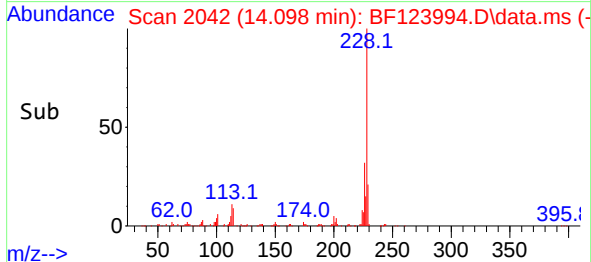
Instrument :
BNA_F
ClientSampled :
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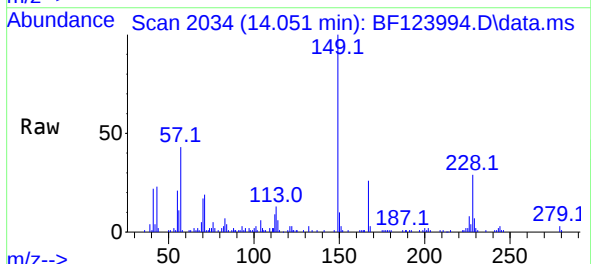
Tgt Ion:228 Resp: 113689
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 21.3 16.2 24.2

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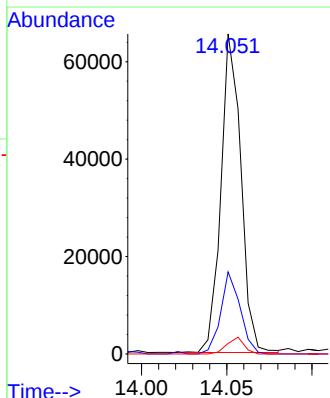
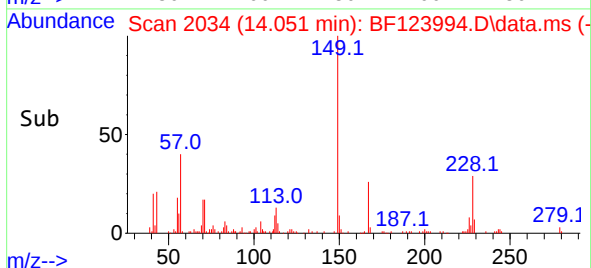
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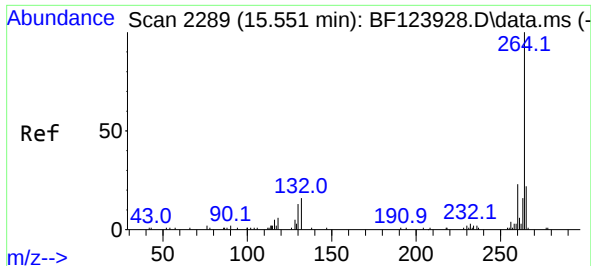


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.07 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

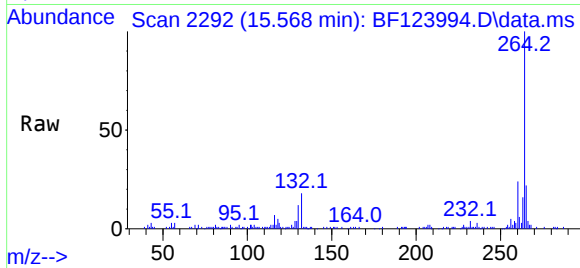


Tgt Ion:149 Resp: 53368
Ion Ratio Lower Upper
149 100
167 25.7 21.8 32.6
279 3.3 3.3 4.9

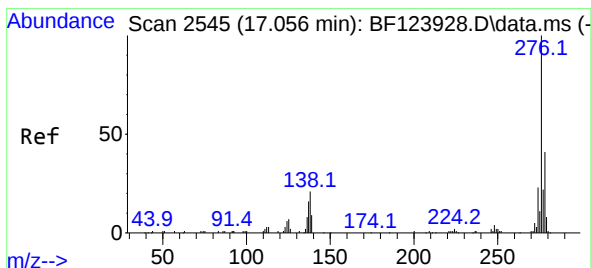
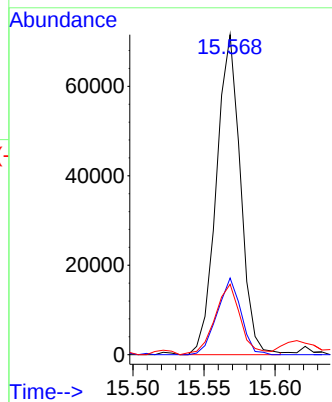
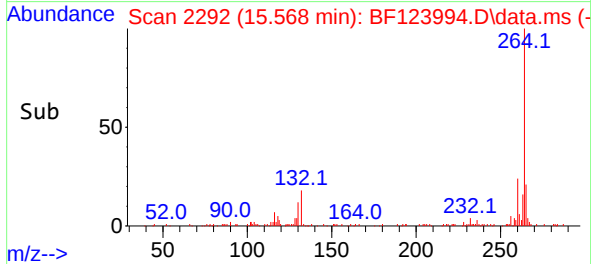




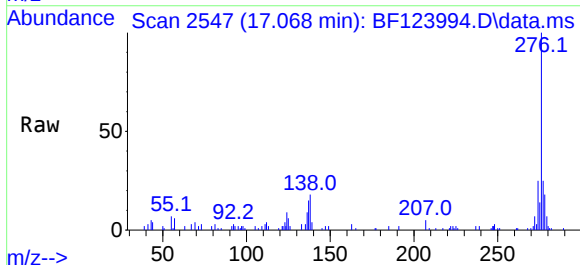
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



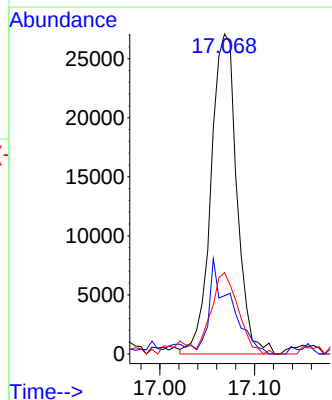
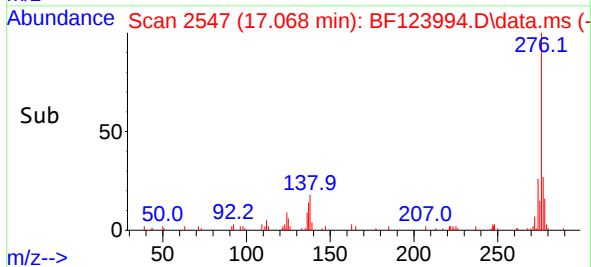
Tgt Ion: 264 Resp: 84112
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.0 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.90 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



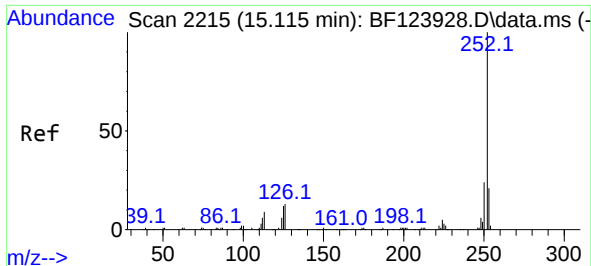
Tgt Ion: 276 Resp: 51332
Ion Ratio Lower Upper
276 100
138 24.8 16.2 24.2#
277 26.4 20.1 30.1



Instrument :
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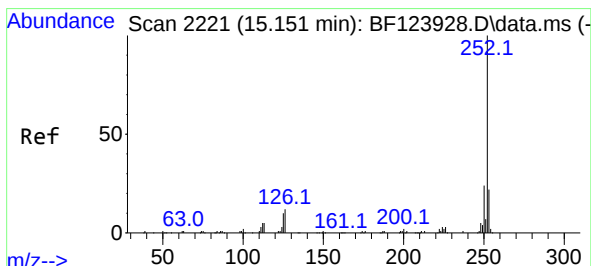
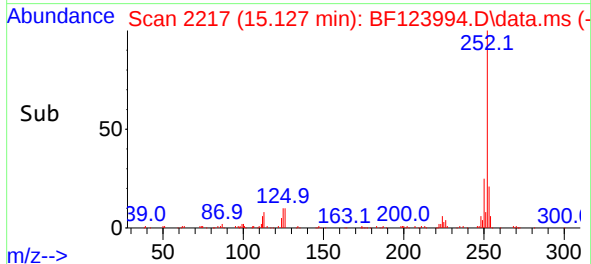
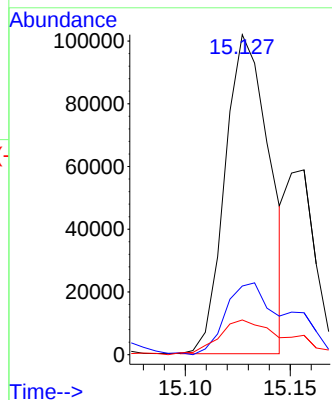
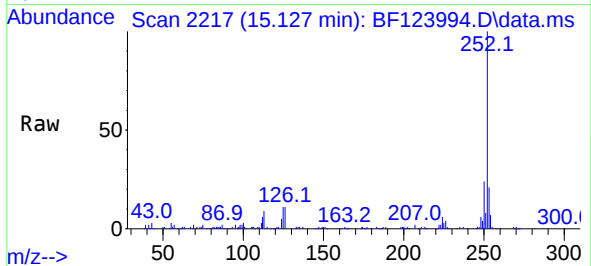
#88
Benzo(b)fluoranthene
Concen: 23.05 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion:252 Resp: 149985
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 10.9 6.2 9.4#

Instrument :
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ClientSampled :
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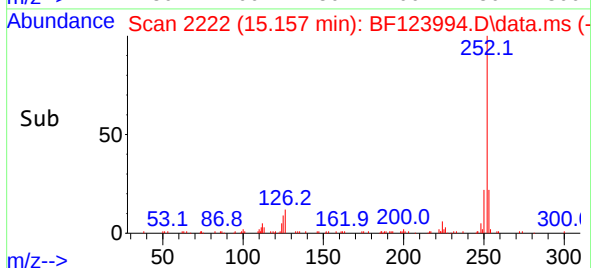
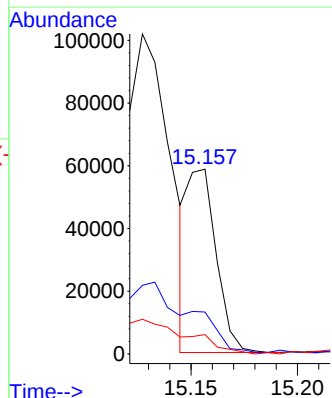
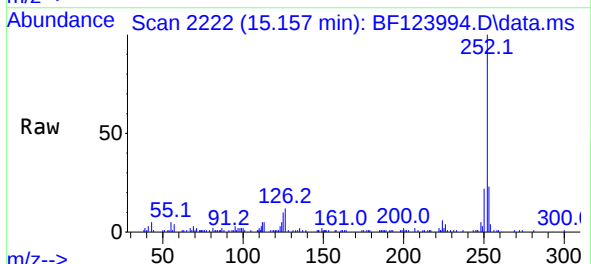
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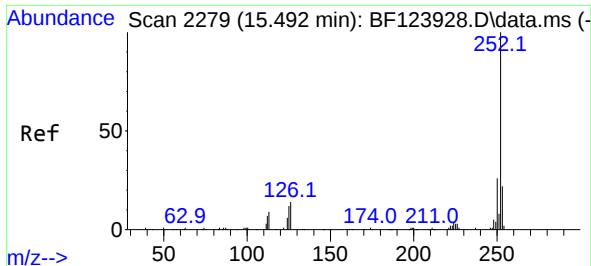
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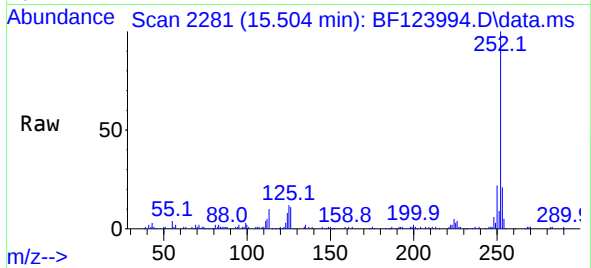
#89
Benzo(k)fluoranthene
Concen: 9.12 ng m
RT: 15.157 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion:252 Resp: 54074
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.5 7.0 10.6

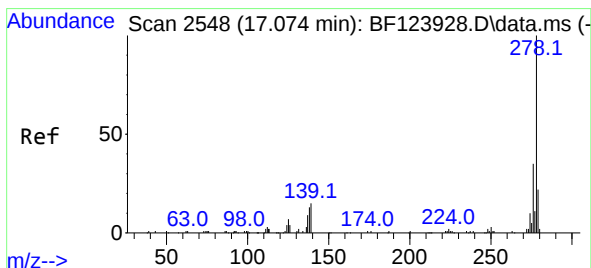
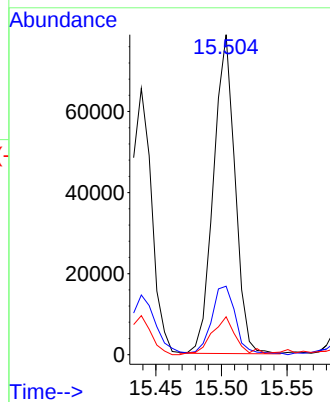
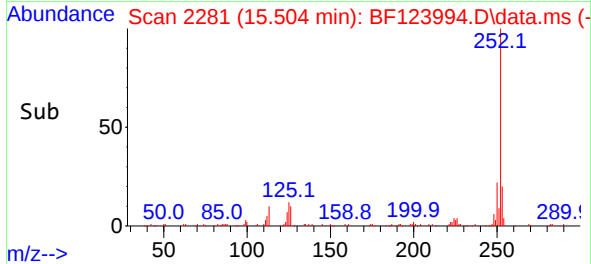




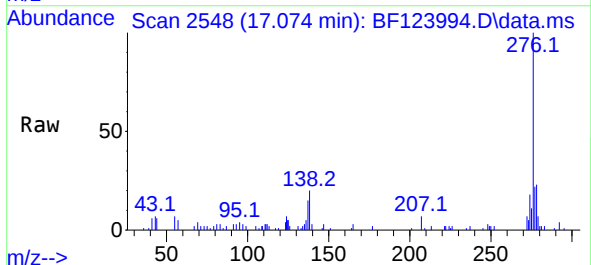
#90
Benzo(a)pyrene
Concen: 15.94 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



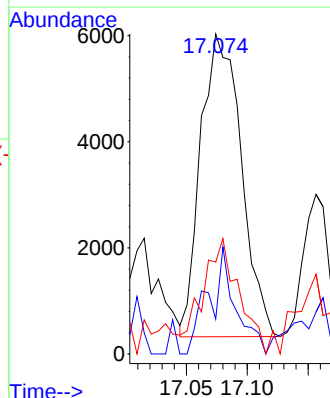
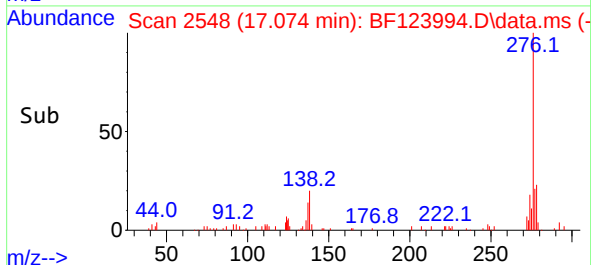
Tgt Ion: 252 Resp: 89632
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 11.9 8.0 12.0



#91
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 17.074 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15



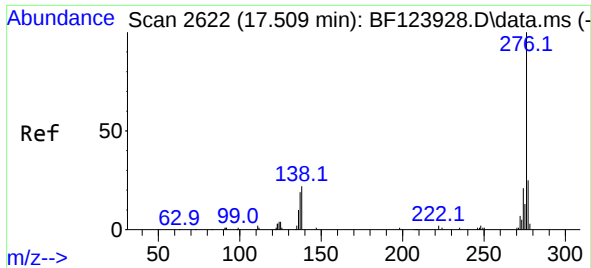
Tgt Ion: 278 Resp: 13225
Ion Ratio Lower Upper
278 100
139 10.9 10.2 15.2
279 28.7 19.4 29.0



Instrument :
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#92
Benzo(g,h,i)perylene
Concen: 8.69 ng
RT: 17.527 min Scan# 2625
Delta R.T. 0.018 min
Lab File: BF123994.D
Acq: 19 May 2021 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.2	27.2
138	20.0	13.8	20.6

Instrument :
BNA_F
ClientSampleId :
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