

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123140.D
 Acq On : 5 Feb 2021 17:45
 Operator : JU/CG
 Sample : M1317-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-A

Manual Integrations
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Quant Time: Feb 05 18:13:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	173291	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	644314	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	268408	20.00	ng	0.02
64) Phenanthrene-d10	11.480	188	282123	20.00	ng	# 0.05
76) Chrysene-d12	14.116	240	387874	20.00	ng	# 0.03
86) Perylene-d12	15.598	264	465393	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1105826	98.44	ng	0.00
7) Phenol-d6	6.516	99	1395653	91.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	871628	68.08	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	324307	111.30	ng	0.04
45) 2-Fluorobiphenyl	9.263	172	1453160	80.48	ng	0.00
79) Terphenyl-d14	13.074	244	1012215	51.27	ng	0.05
Target Compounds						Qvalue
10) Phenol	6.528	94	42242	2.80	ng	97
32) Benzoic acid	7.875	122	10401	6.09	ng	90
71) Phenanthrene	11.510	178	446630	25.49	ng	# 62
75) Fluoranthene	12.716	202	334402	19.09	ng	84
78) Pyrene	12.945	202	612787	20.93	ng	# 95
81) Benzo(a)anthracene	14.110	228	384455	14.65	ng	96
83) Chrysene	14.145	228	393561	14.98	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.086	276	139201	4.49	ng	95
88) Benzo(b)fluoranthene	15.163	252	336674m	10.02	ng	
89) Benzo(k)fluoranthene	15.180	252	81380m	2.61	ng	
90) Benzo(a)pyrene	15.527	252	247395	8.39	ng	# 93
92) Benzo(g,h,i)perylene	17.545	276	137866	5.58	ng	97

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

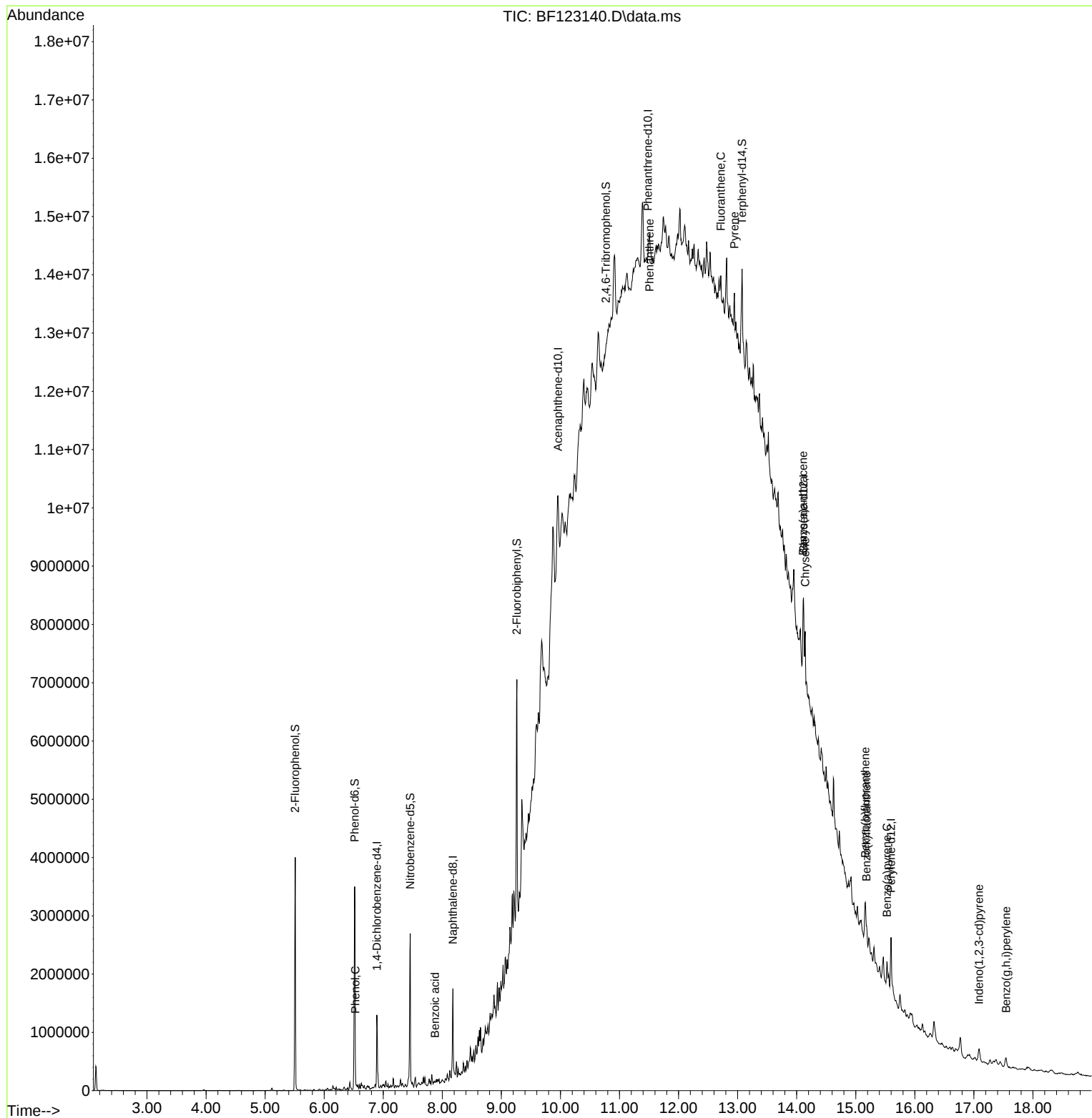
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
Operator : JU/CG
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Misc :
ALS Vial : 14 Sample Multiplier: 1

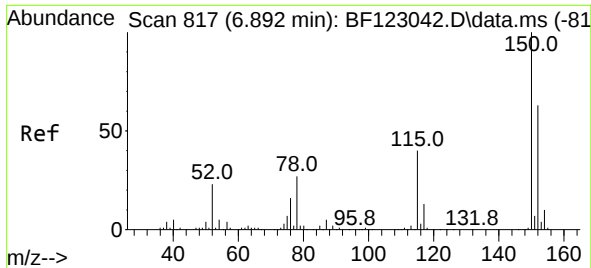
Instrument :
BNA_F
ClientSampled :
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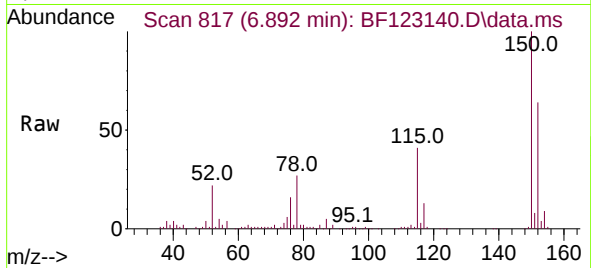
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Quant Time: Feb 05 18:13:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

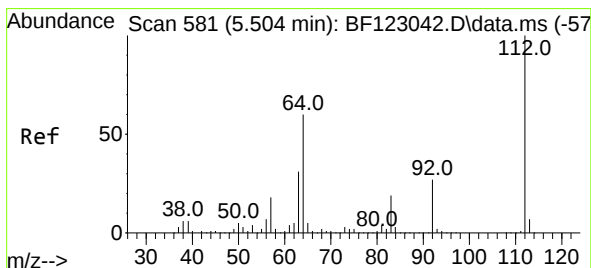
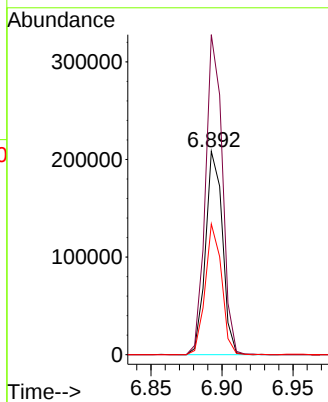
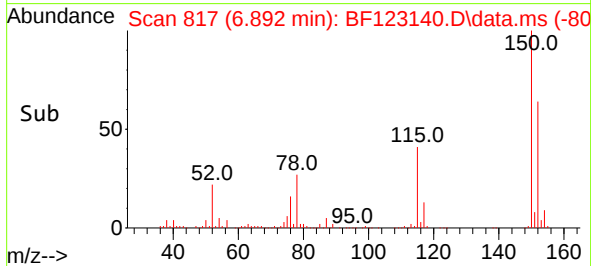




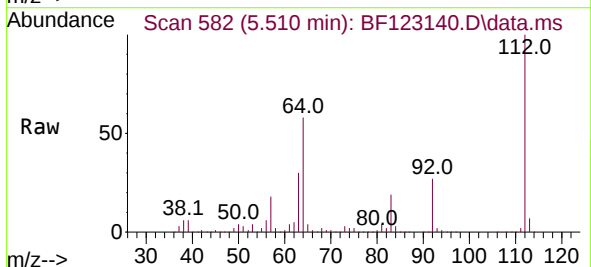
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



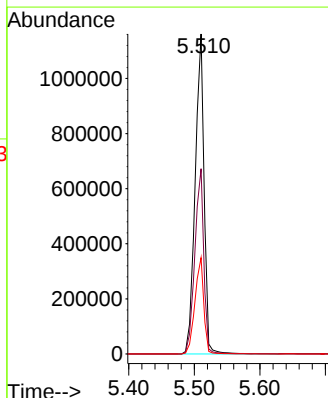
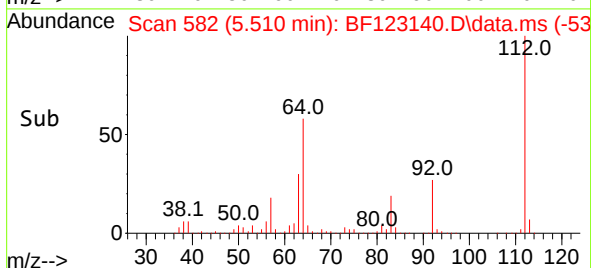
Tgt Ion:152 Resp: 173291
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 64.3 49.3 73.9



#5
2-Fluorophenol
Concen: 98.44 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



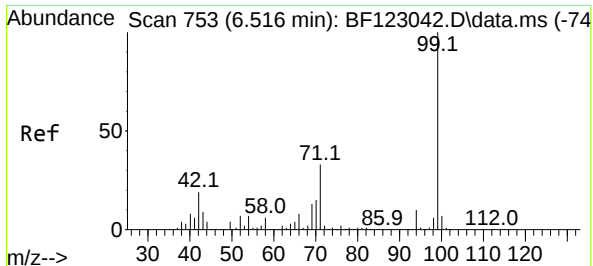
Tgt Ion:112 Resp: 1105826
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 30.1 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
R-A

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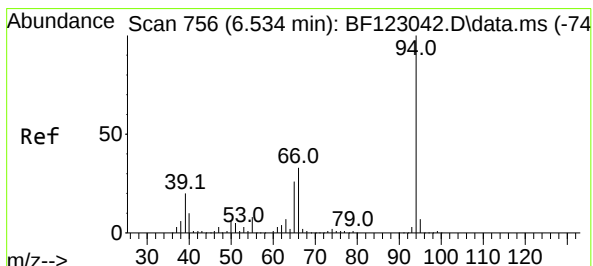
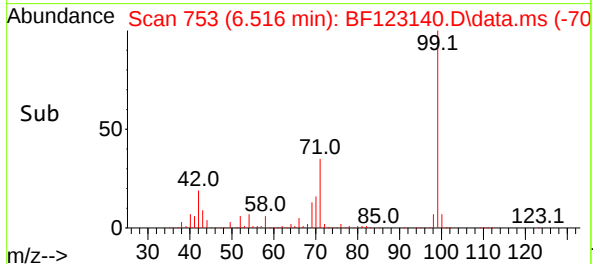
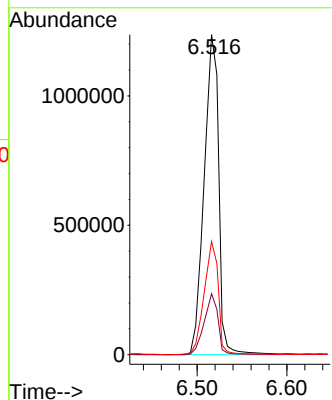
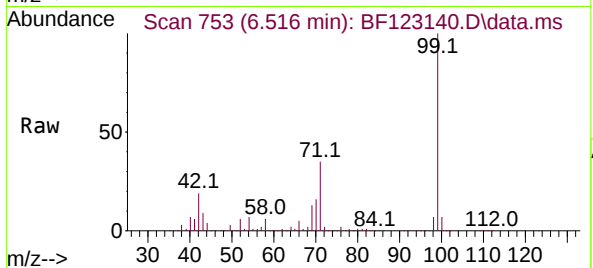
#7
Phenol-d6
Concen: 91.65 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion: 99 Resp: 1395653
Ion Ratio Lower Upper
99 100
42 19.1 13.8 20.6
71 35.3 26.9 40.3

Instrument :
BNA_F
ClientSampled :
R-A

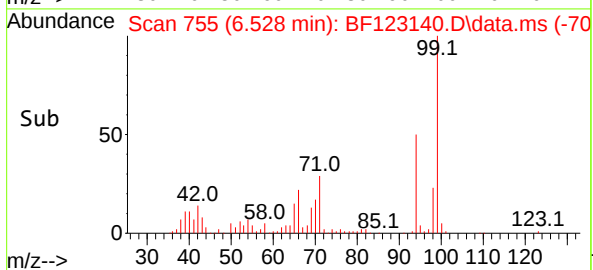
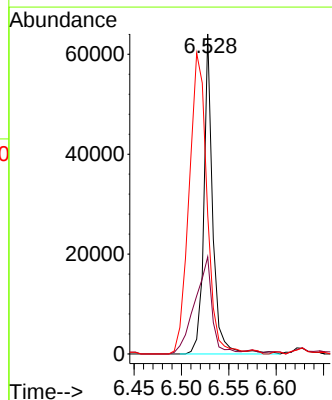
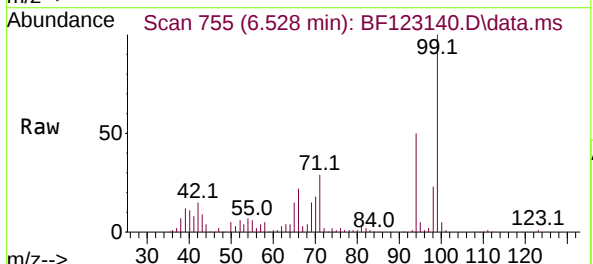
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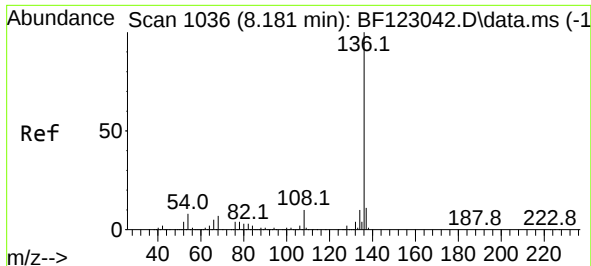
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#10
Phenol
Concen: 2.80 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

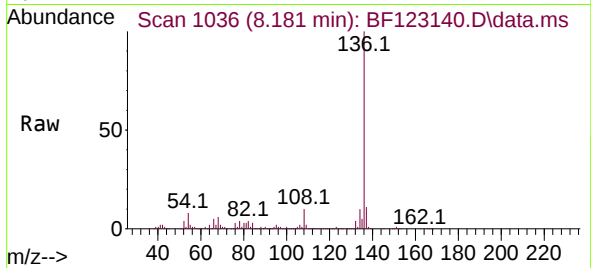
Tgt Ion: 94 Resp: 42242
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 43.5 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

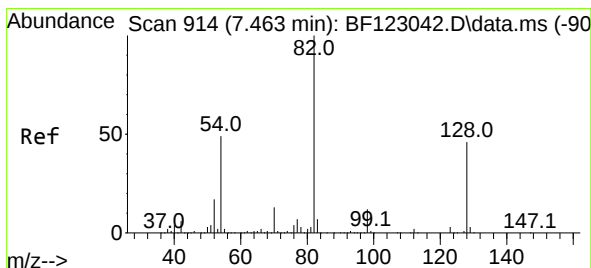
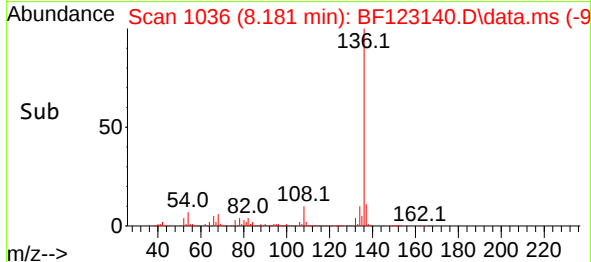
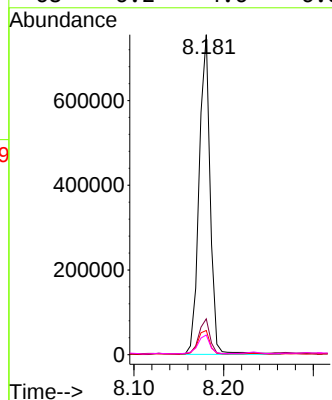
Instrument :
BNA_F
ClientSampled :
R-A



Tgt Ion:	136	Resp:	644314
Ion Ratio	100	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	5.5	8.3
68	6.2	4.6	6.8

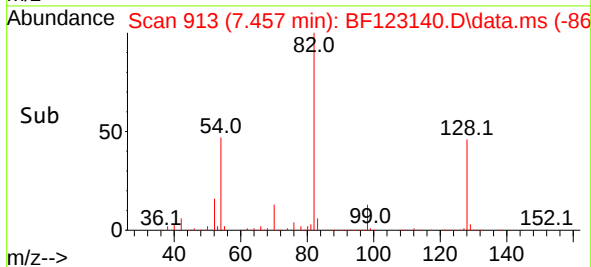
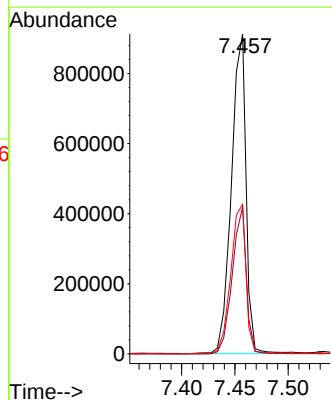
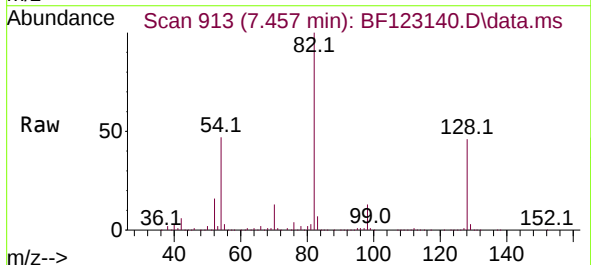
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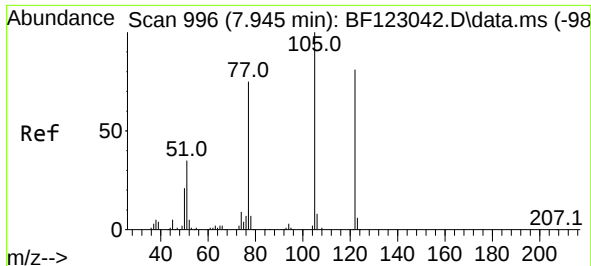
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#23
Nitrobenzene-d5
Concen: 68.08 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

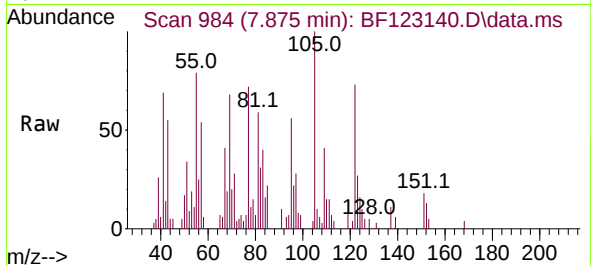
Tgt Ion:	82	Resp:	871628
Ion Ratio	100	Lower	Upper
82	100		
128	45.9	37.0	55.4
54	46.7	38.4	57.6





#32
Benzoic acid
Concen: 6.09 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.070 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

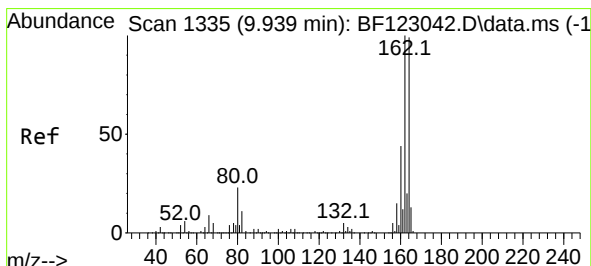
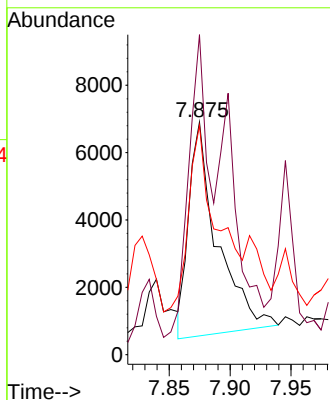
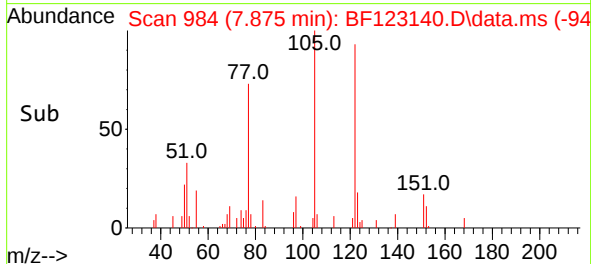
Instrument :
BNA_F
ClientSampled :
R-A



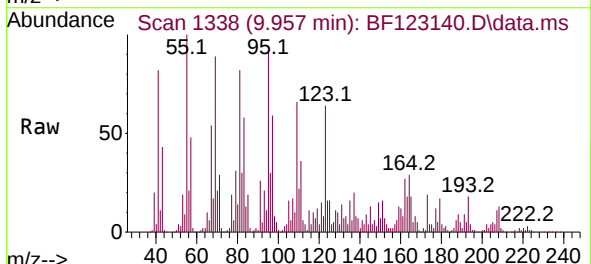
Tgt Ion:122 Resp: 10401
Ion Ratio Lower Upper
122 100
105 137.5 104.8 144.8
77 98.6 71.0 111.0

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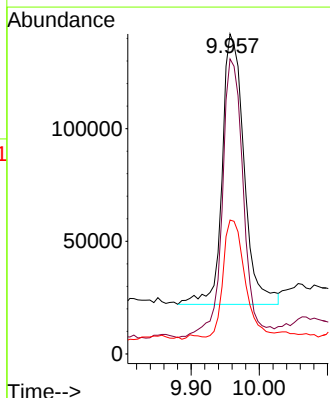
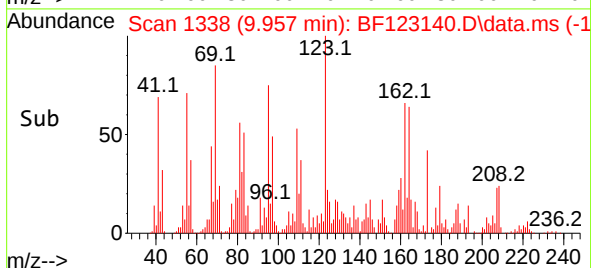
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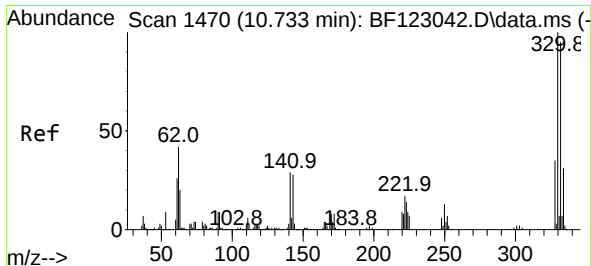


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.018 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



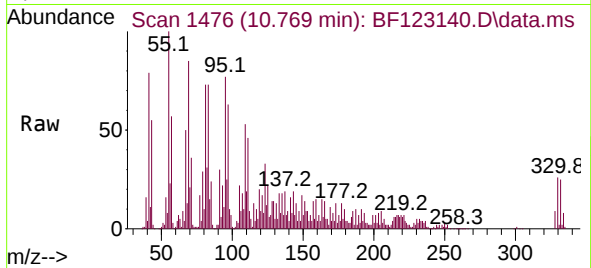
Tgt Ion:164 Resp: 268408
Ion Ratio Lower Upper
164 100
162 92.2 80.8 121.2
160 41.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 111.30 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.035 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

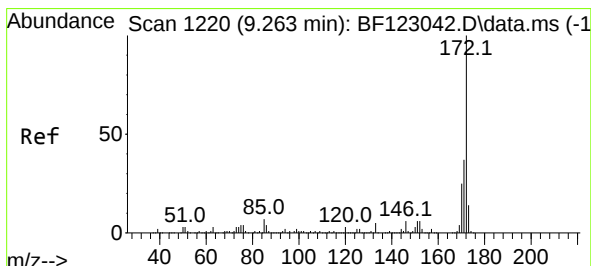
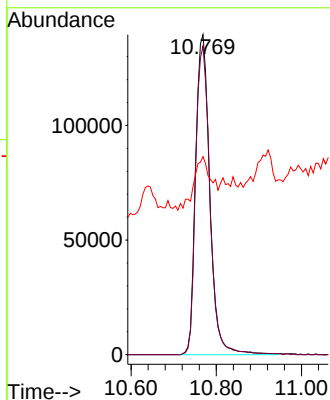
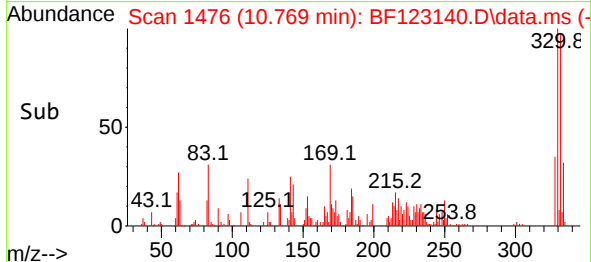
Instrument :
BNA_F
ClientSampled :
R-A



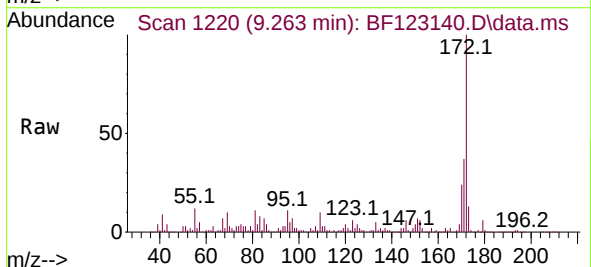
Tgt Ion:330 Resp: 324307
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 19.0 23.8 35.8#

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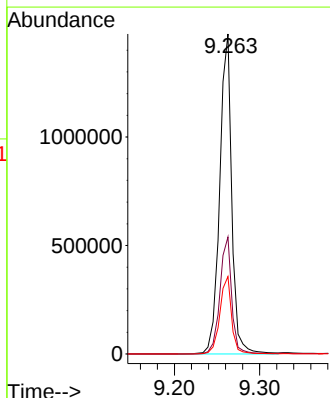
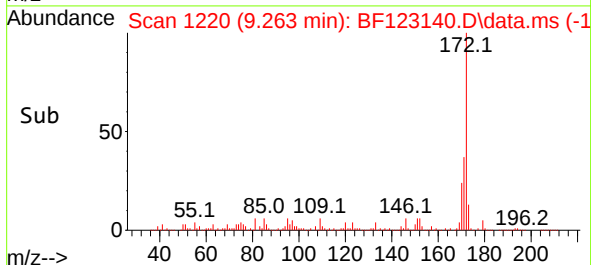
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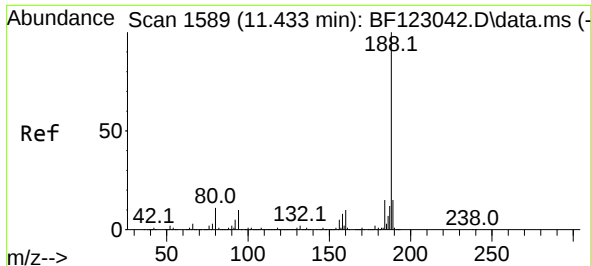


#45
2-Fluorobiphenyl
Concen: 80.48 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



Tgt Ion:172 Resp: 1453160
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.5 29.3





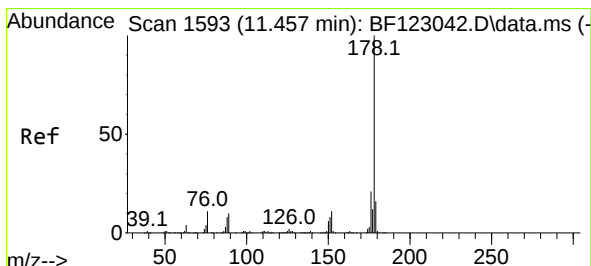
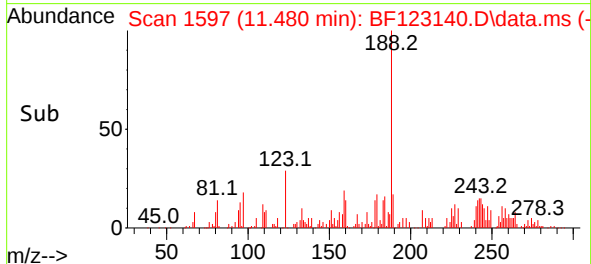
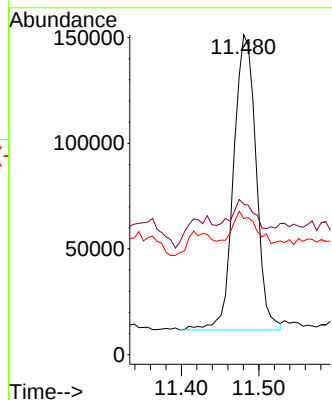
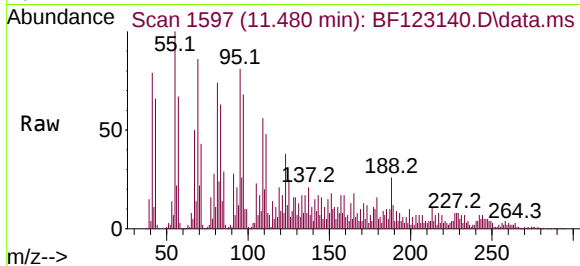
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.047 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:188 Resp: 282123
Ion Ratio Lower Upper
188 100
94 47.1 7.4 11.2#
80 42.6 8.2 12.4#

Instrument :
BNA_F
ClientSampled :
R-A

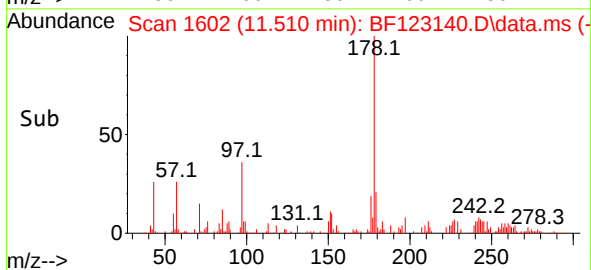
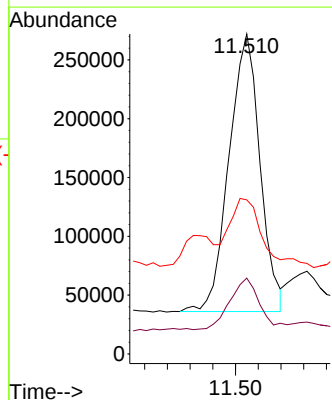
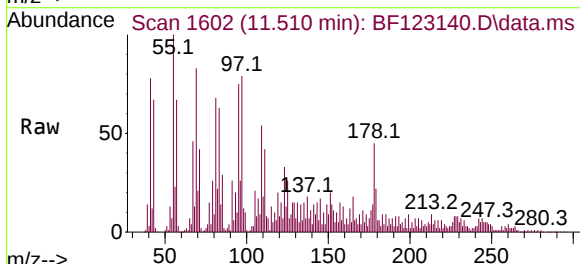
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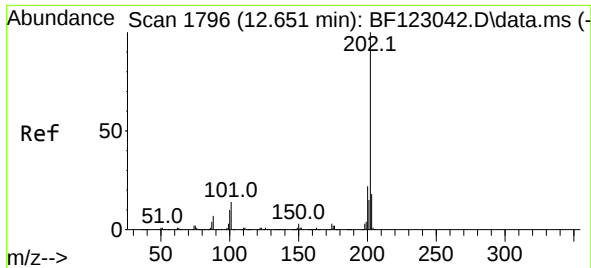
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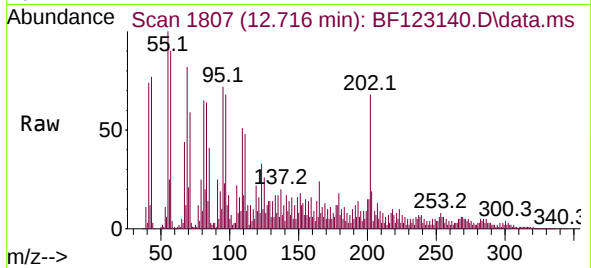
#71
Phenanthrene
Concen: 25.49 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.053 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:178 Resp: 446630
Ion Ratio Lower Upper
178 100
176 23.7 16.2 24.2
179 48.2 12.7 19.1#

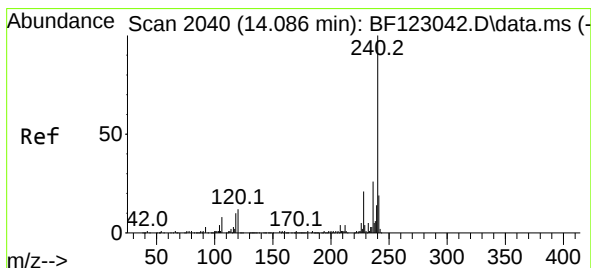
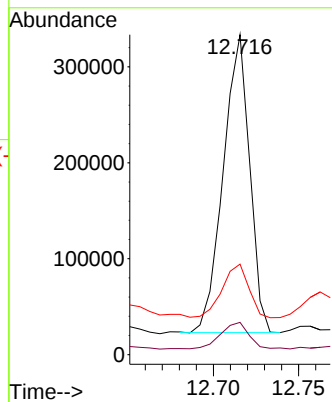
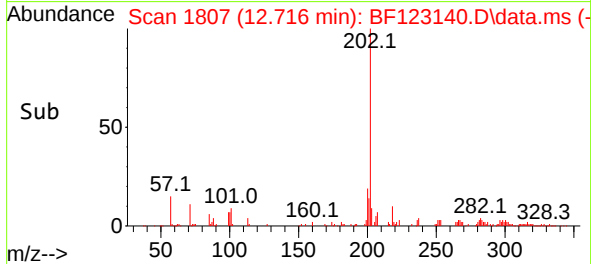




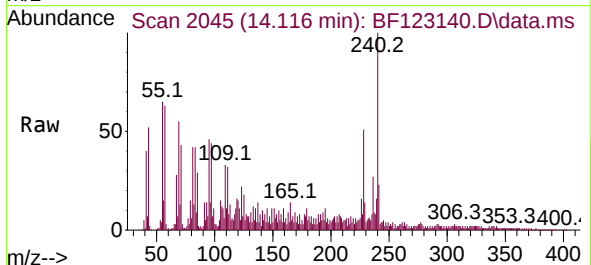
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Fluoranthene
Concen: 19.09 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.065 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



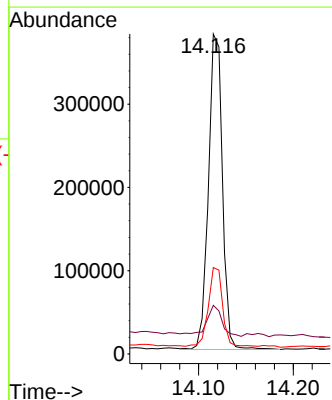
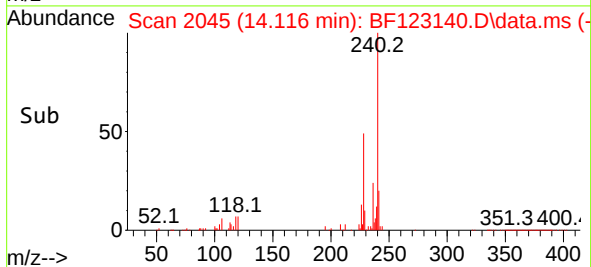
Tgt Ion:202 Resp: 334402
Ion Ratio Lower Upper
202 100
101 10.1 0.0 32.2
203 28.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.029 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



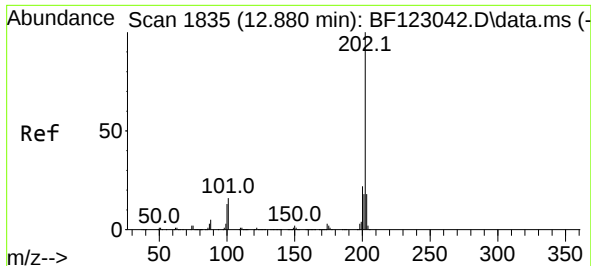
Tgt Ion:240 Resp: 387874
Ion Ratio Lower Upper
240 100
120 15.2 8.6 12.8#
236 27.0 20.3 30.5



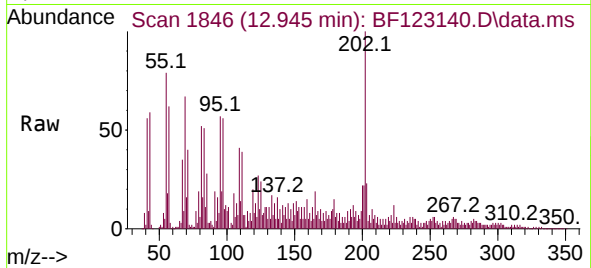
Instrument :
BNA_F
ClientSampled :
R-A

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#78
Pyrene
Concen: 20.93 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.065 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

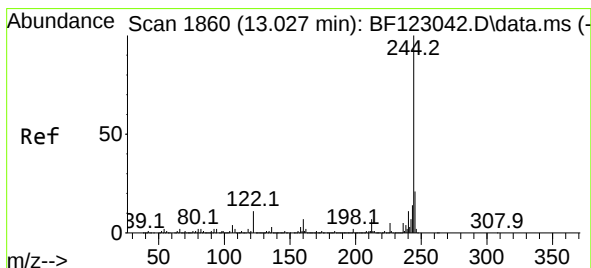
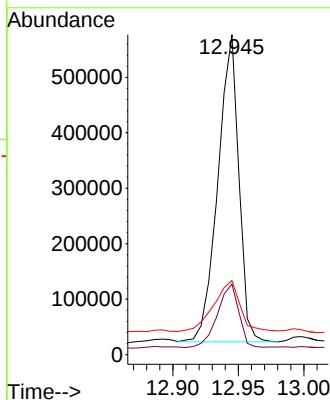
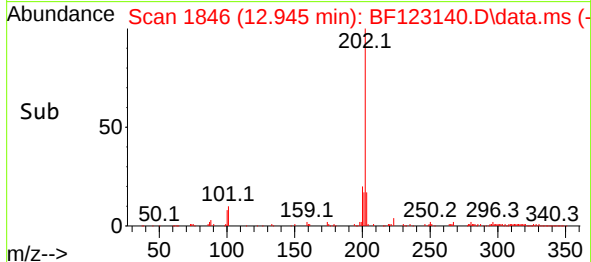


Tgt Ion:202 Resp: 612787
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 23.2 14.6 21.8#

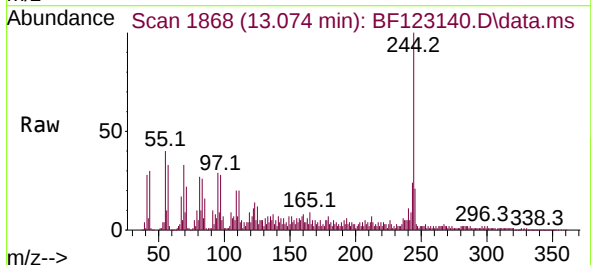
Instrument :
BNA_F
ClientSampled :
R-A

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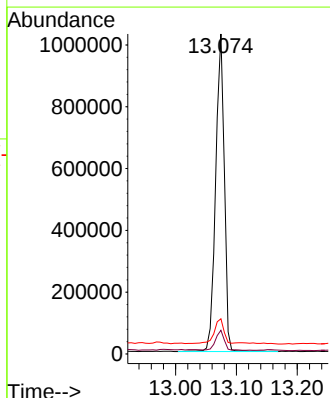
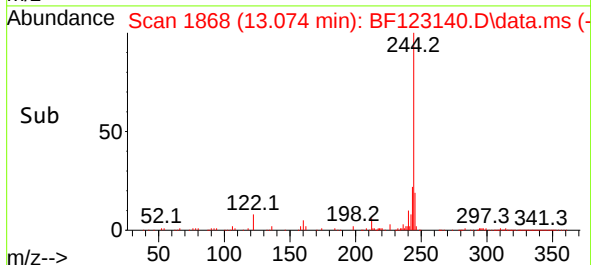
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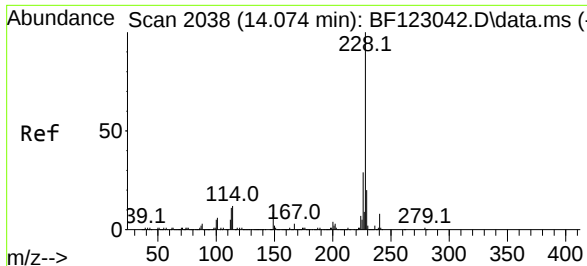


#79
Terphenyl-d14
Concen: 51.27 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.047 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45



Tgt Ion:244 Resp: 1012215
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.0 8.3 12.5





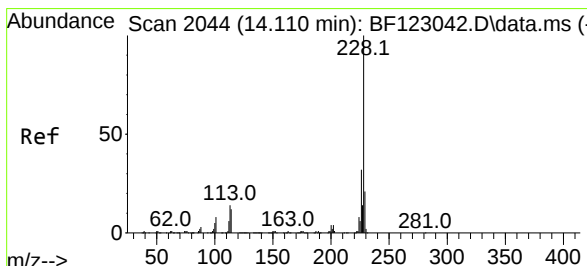
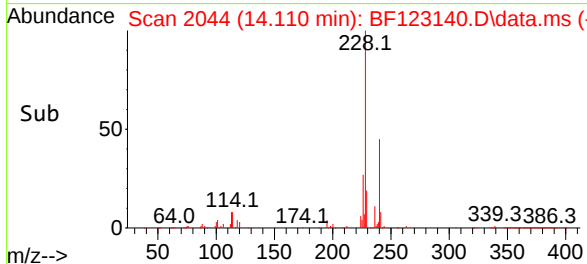
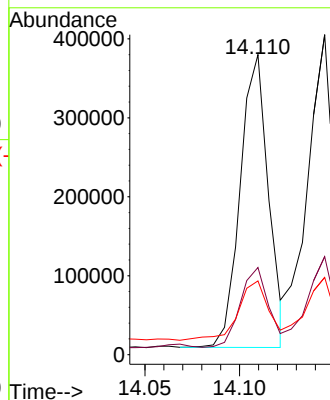
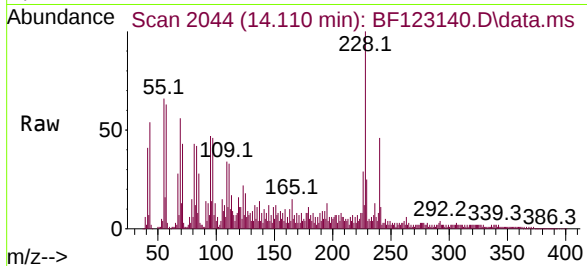
#81
Benzo(a)anthracene
Concen: 14.65 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.035 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:228 Resp: 384455
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 24.6 16.6 24.8

Instrument :
BNA_F
ClientSampled :
R-A

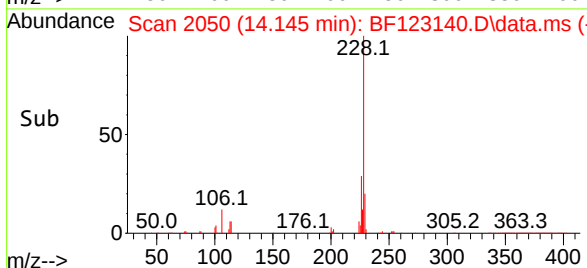
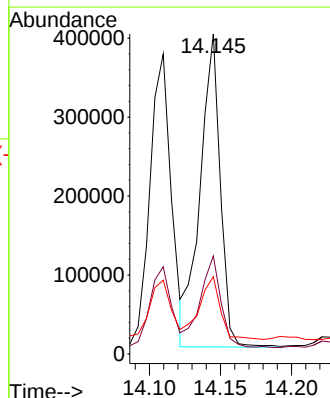
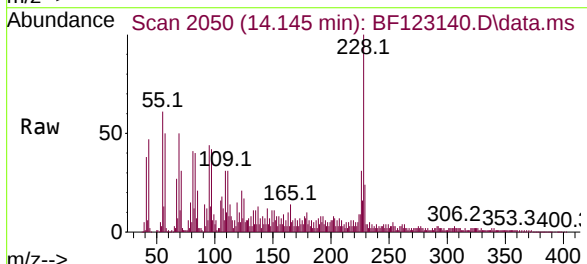
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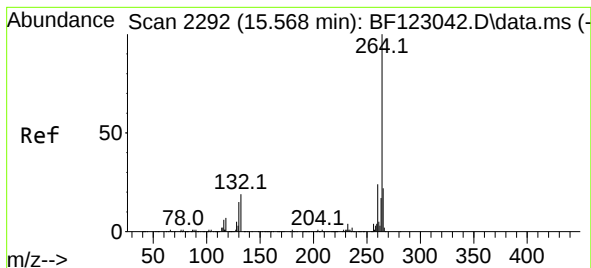
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#83
Chrysene
Concen: 14.98 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.035 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:228 Resp: 393561
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 24.2 15.8 23.6#





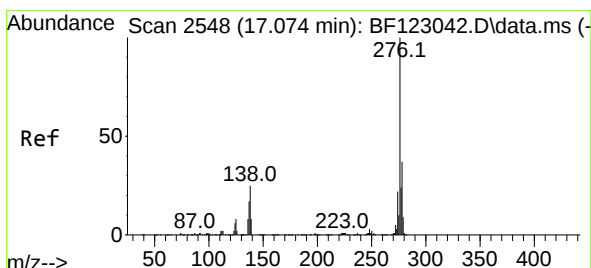
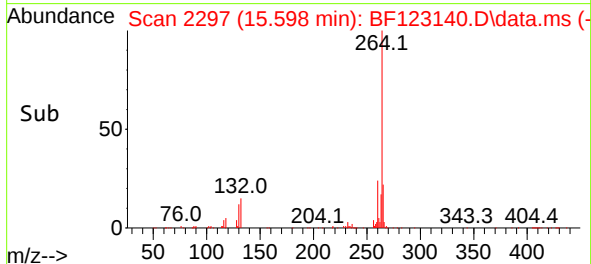
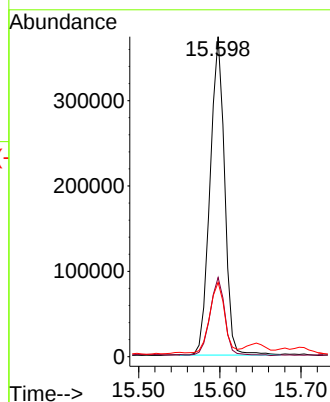
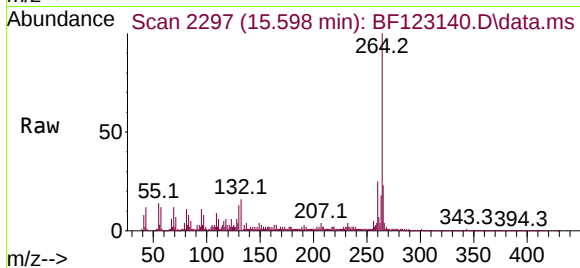
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.029 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:264 Resp: 465393
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 23.2 17.0 25.6

Instrument :
BNA_F
ClientSampled :
R-A

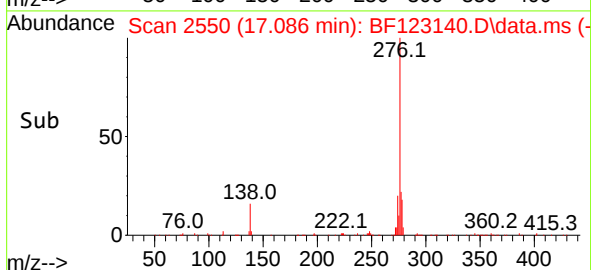
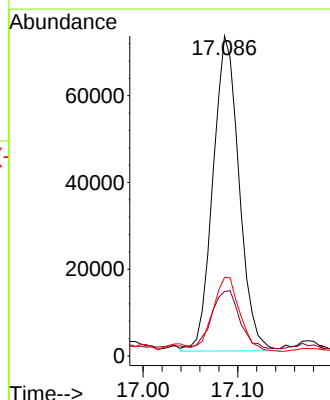
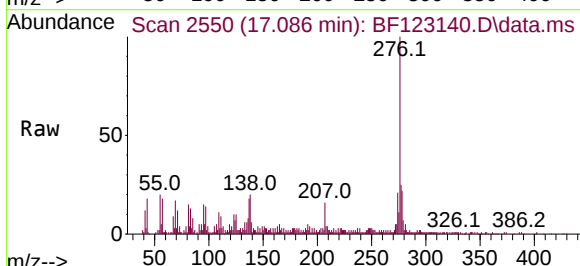
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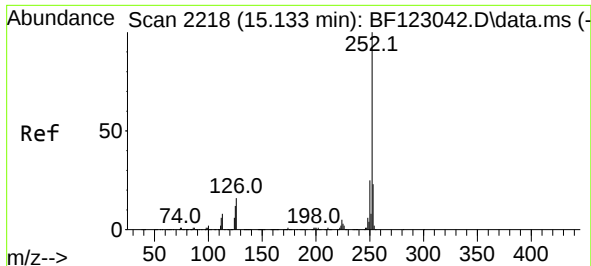
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.49 ng
RT: 17.086 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:276 Resp: 139201
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 24.3 20.2 30.4





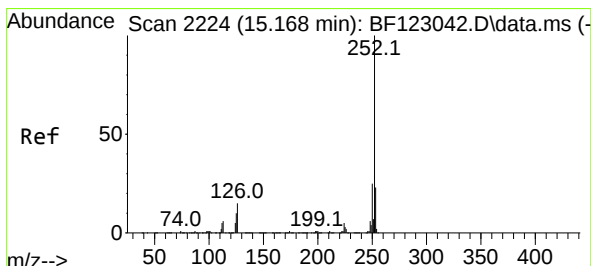
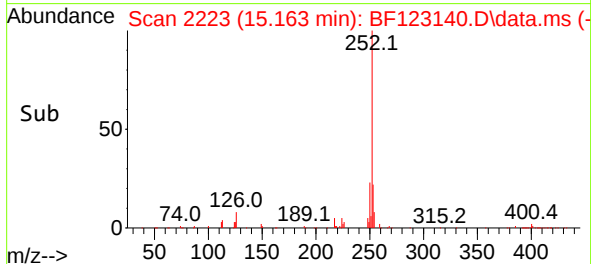
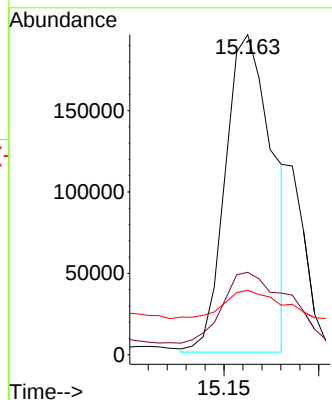
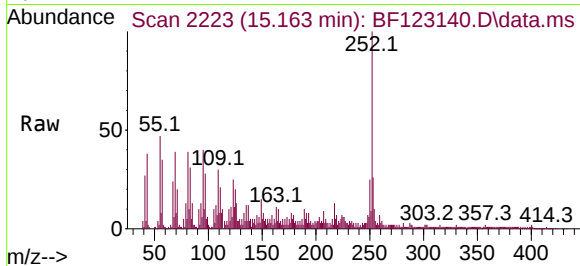
#88
Benzo(b)fluoranthene
Concen: 10.02 ng m
RT: 15.163 min Scan# 2223
Delta R.T. 0.029 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:252 Resp: 336674
Ion Ratio Lower Upper
252 100
253 25.8 18.3 27.5
125 20.2 8.1 12.1#

Instrument :
BNA_F
ClientSampled :
R-A

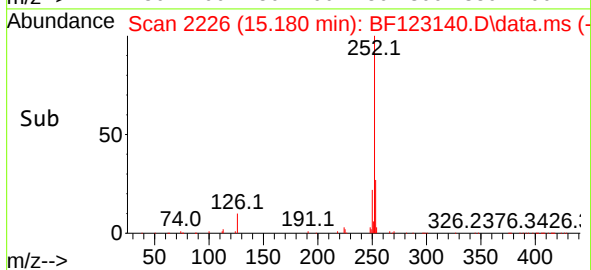
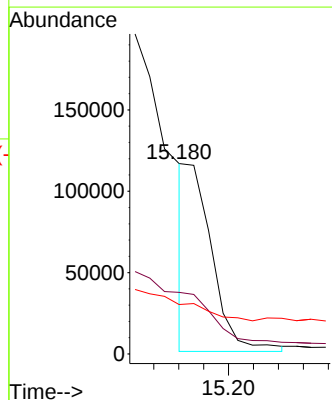
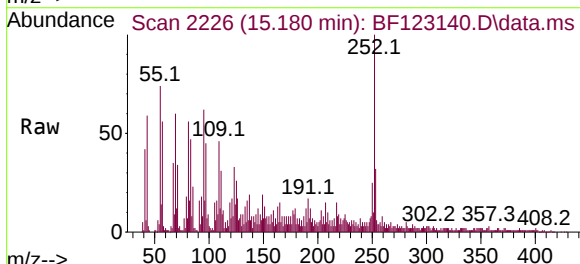
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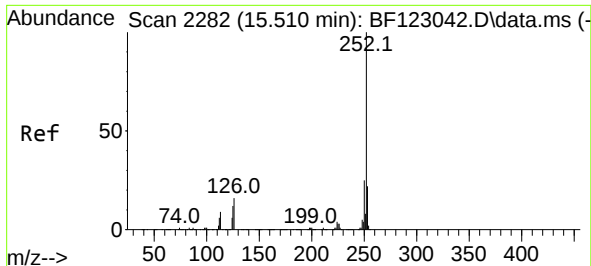
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#89
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 15.180 min Scan# 2226
Delta R.T. 0.012 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:252 Resp: 81380
Ion Ratio Lower Upper
252 100
253 32.3 17.8 26.8#
125 26.0 8.4 12.6#





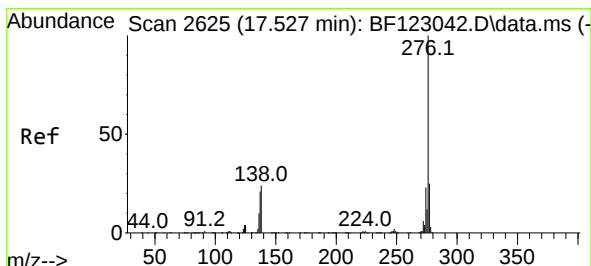
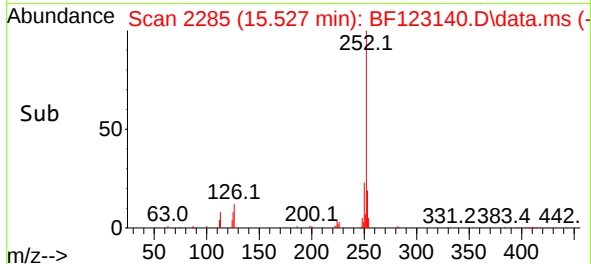
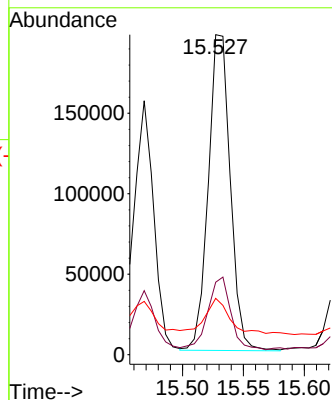
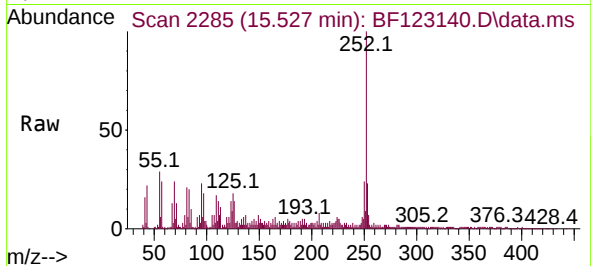
#90
Benzo(a)pyrene
Concen: 8.39 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:252 Resp: 247395
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 17.6 8.6 12.8#

Instrument :
BNA_F
ClientSampled :
R-A

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.58 ng
RT: 17.545 min Scan# 2628
Delta R.T. 0.018 min
Lab File: BF123140.D
Acq: 5 Feb 2021 17:45

Tgt Ion:276 Resp: 137866
Ion Ratio Lower Upper
276 100
277 26.5 19.3 28.9
138 20.1 16.6 24.8

