

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123011.D
 Acq On : 19 Jan 2021 3:53
 Operator : JU/CG
 Sample : M1152-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-017-ABCD

Manual Integrations
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Quant Time: Jan 19 04:24:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	130351	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	496999	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	250619	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	272017	20.00	ng	# 0.00
76) Chrysene-d12	14.062	240	201366	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	242761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	805793	93.44	ng	0.00
7) Phenol-d6	6.516	99	1050154	90.61	ng	0.00
23) Nitrobenzene-d5	7.451	82	605574	62.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	225737	79.65	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1061889	59.33	ng	0.00
79) Terphenyl-d14	13.010	244	721543	65.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.645	163	80173	4.12	ng	# 97
71) Phenanthrene	11.445	178	45614	2.80	ng	96
75) Fluoranthene	12.633	202	75019	4.55	ng	96
78) Pyrene	12.862	202	74784	4.64	ng	98
81) Benzo(a)anthracene	14.057	228	35086	2.60	ng	95
83) Chrysene	14.092	228	41654	3.06	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	34173	2.23	ng	96
88) Benzo(b)fluoranthene	15.109	252	63775m	3.89	ng	
90) Benzo(a)pyrene	15.480	252	42985	2.90	ng	# 90
92) Benzo(g,h,i)perylene	17.474	276	31489	2.60	ng	# 94

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

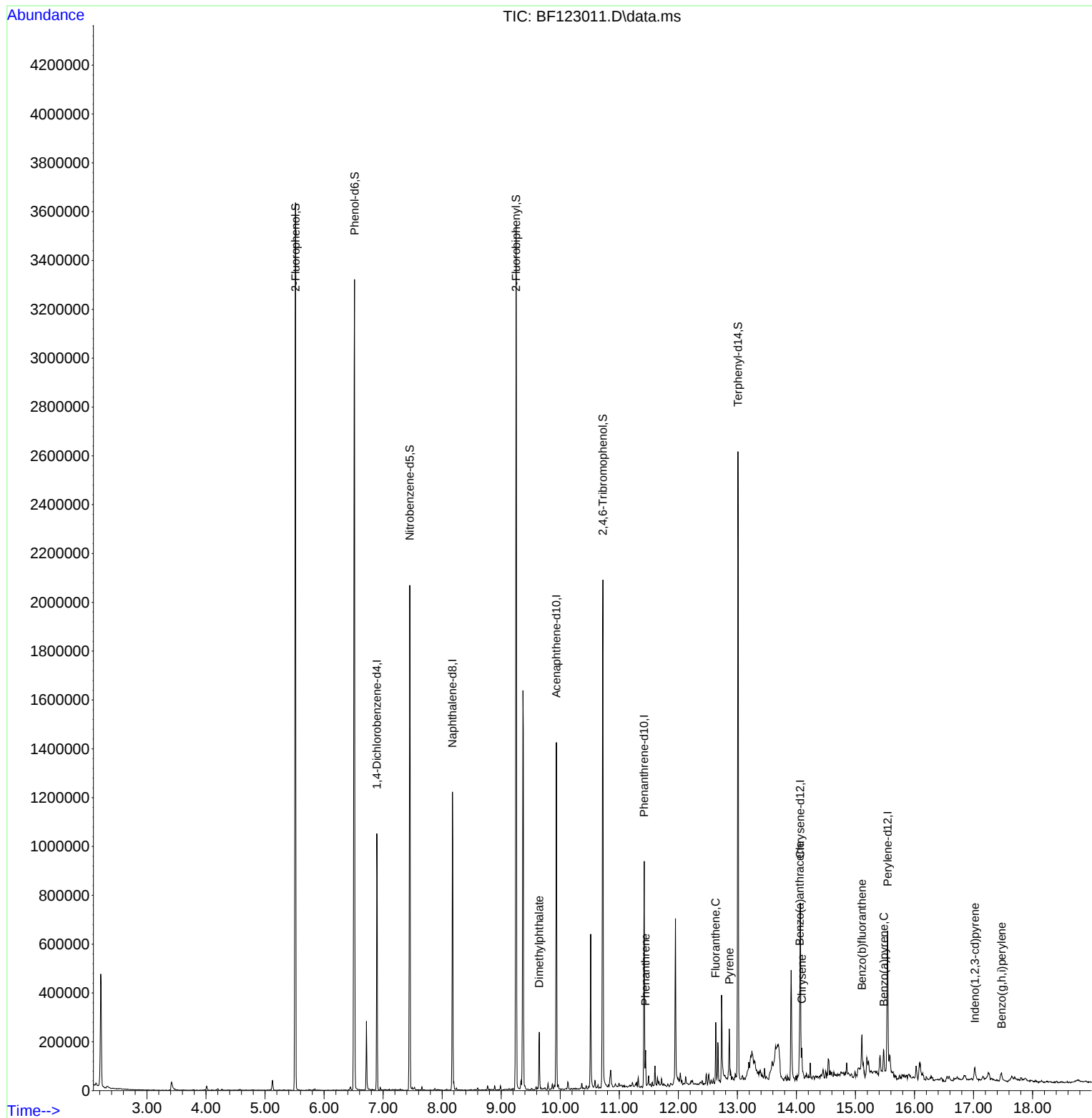
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Data File : BF123011.D
Acq On : 19 Jan 2021 3:53
Operator : JU/CG
Sample : M1152-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

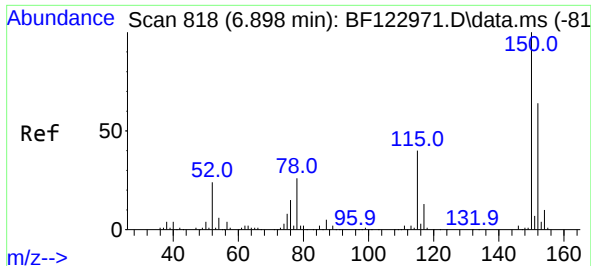
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
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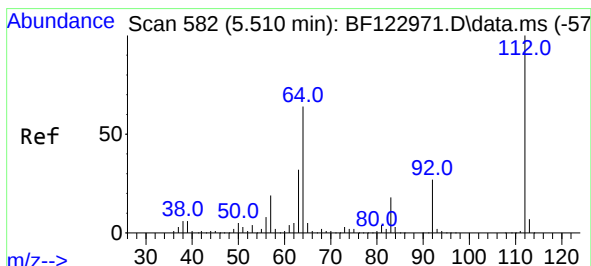
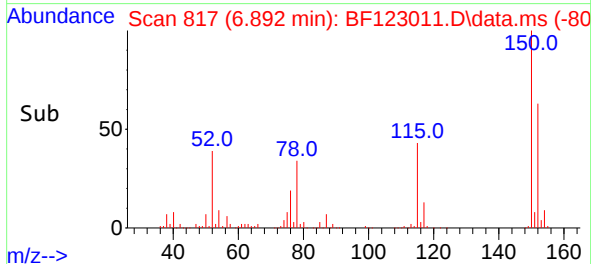
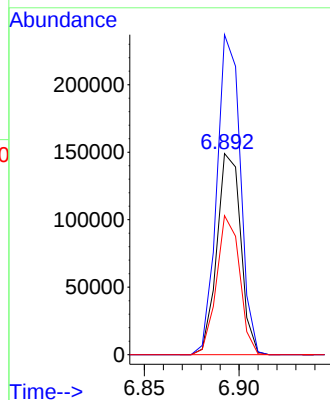
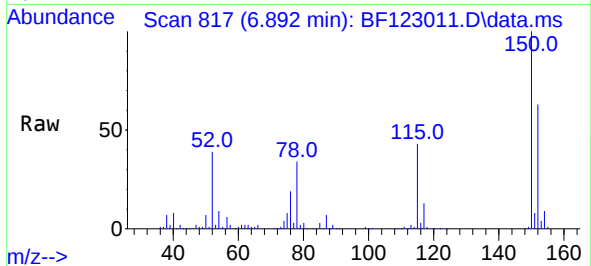
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:152 Resp: 130351
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 69.2 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-017-ABCD

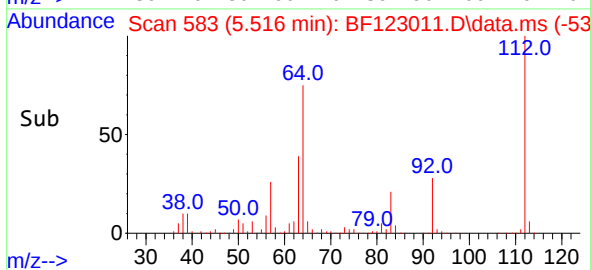
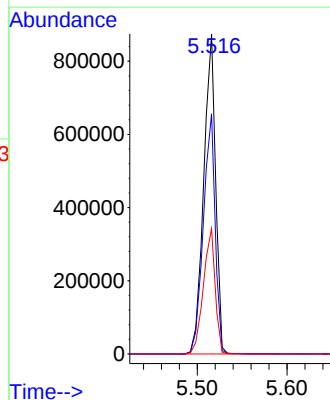
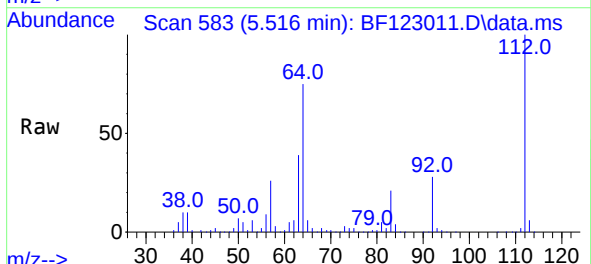
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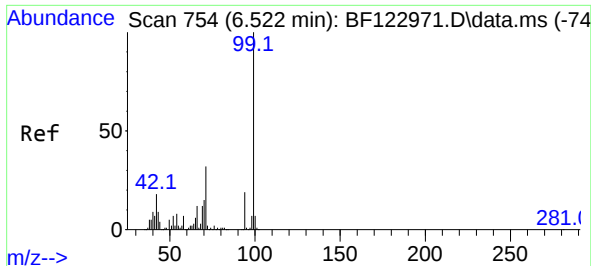
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#5
2-Fluorophenol
Concen: 93.44 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:112 Resp: 805793
Ion Ratio Lower Upper
112 100
64 75.0 46.9 70.3#
63 39.2 24.5 36.7#





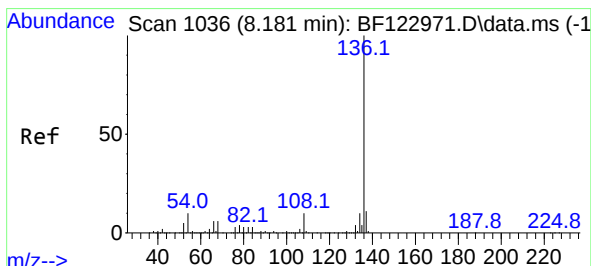
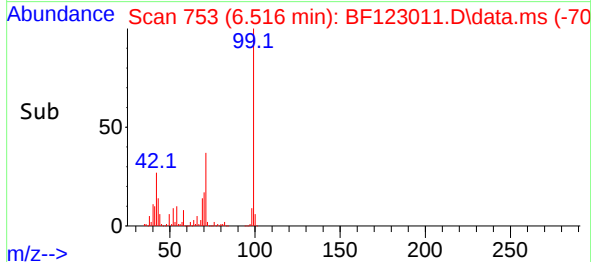
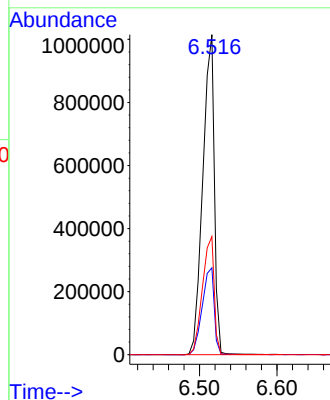
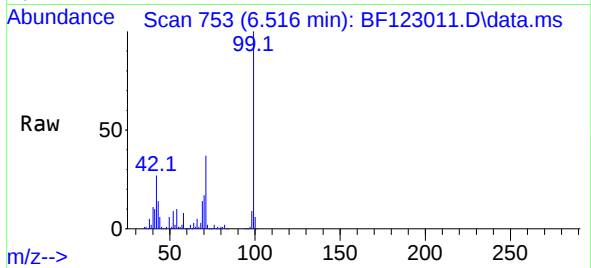
#7
Phenol-d6
Concen: 90.61 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion: 99 Resp: 1050154
Ion Ratio Lower Upper
99 100
42 27.1 13.8 20.6#
71 36.9 26.9 40.3

Instrument :
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ClientSampleId :
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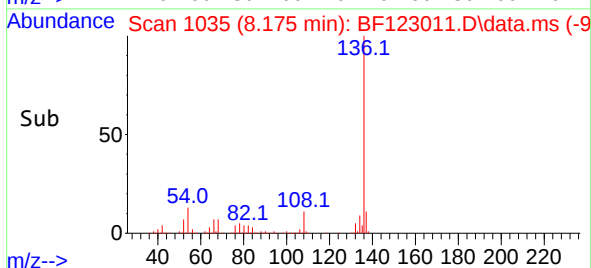
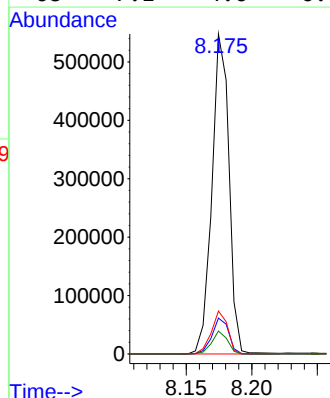
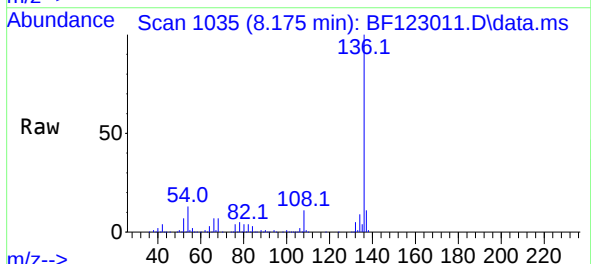
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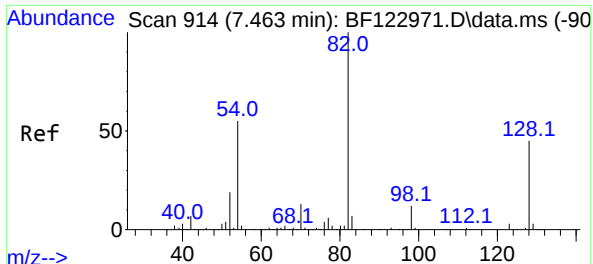
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion: 136 Resp: 496999
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.4 5.5 8.3#
68 7.1 4.6 6.8#





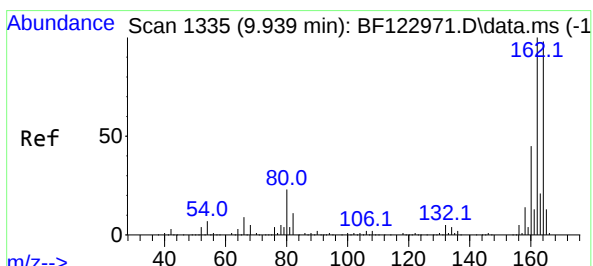
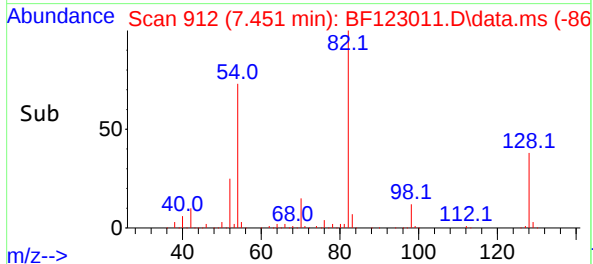
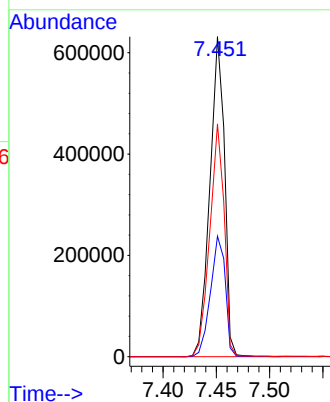
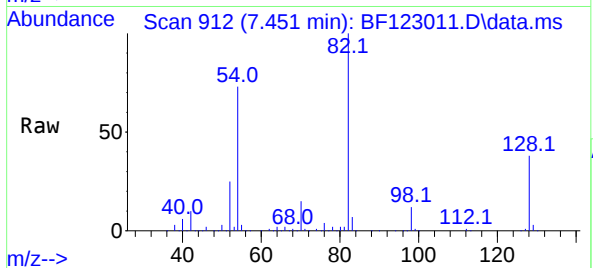
#23
Nitrobenzene-d5
Concen: 62.70 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion: 82 Resp: 605574
Ion Ratio Lower Upper
82 100
128 37.7 37.0 55.4
54 72.7 38.4 57.6#

Instrument :
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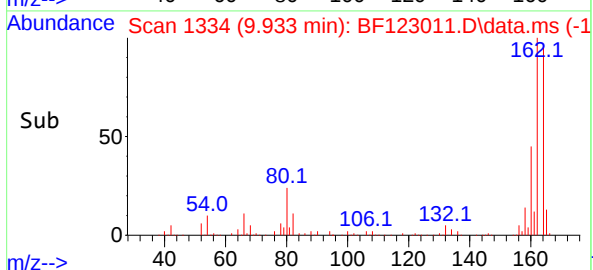
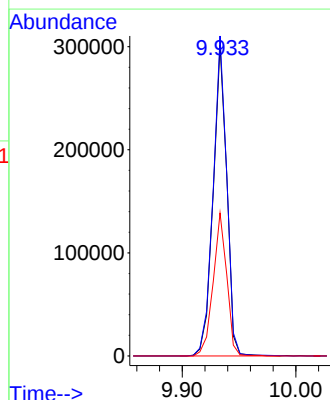
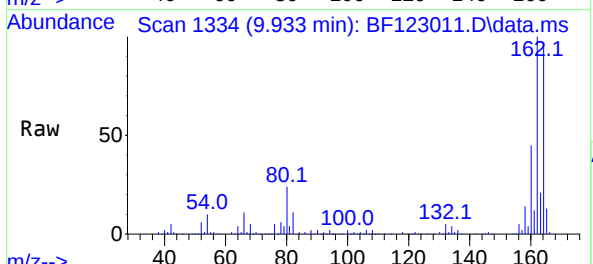
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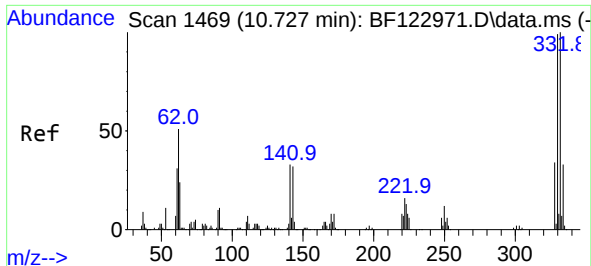
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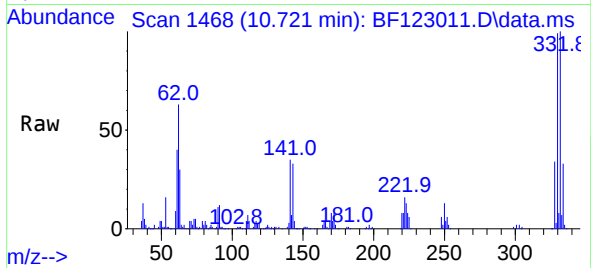
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:164 Resp: 250619
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 46.0 35.4 53.0

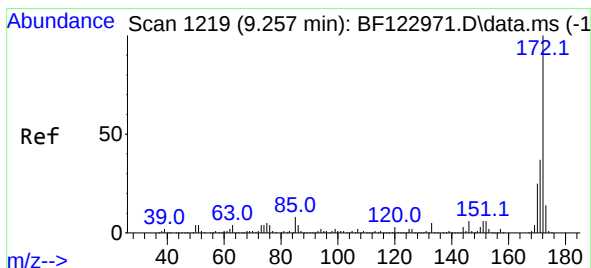
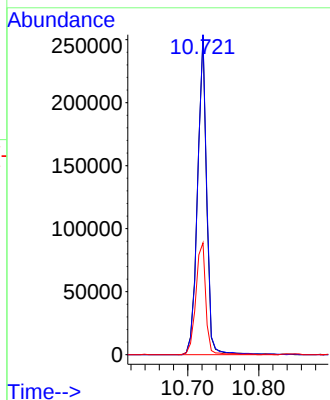
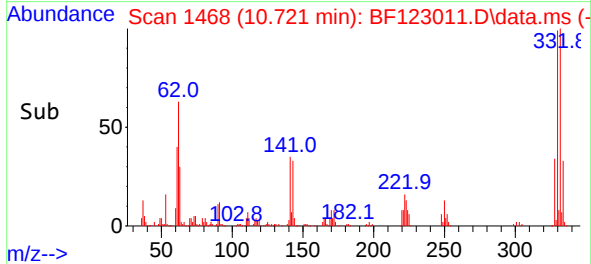




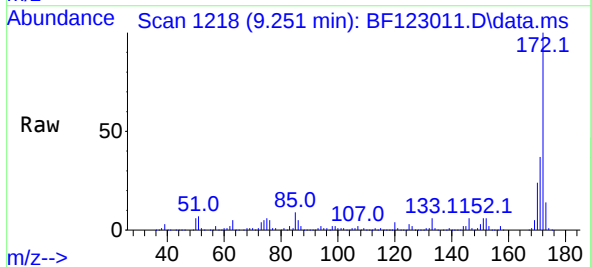
#42
2,4,6-Tribromophenol
Concen: 79.65 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



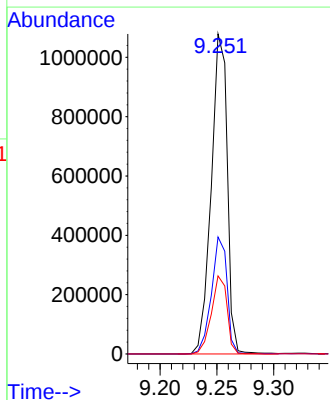
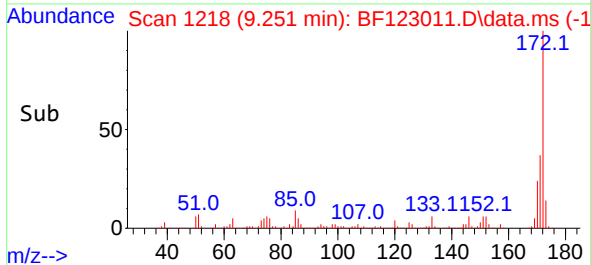
Tgt Ion: 330 Resp: 225737
Ion Ratio Lower Upper
330 100
332 100.6 77.5 116.3
141 38.7 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 59.33 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



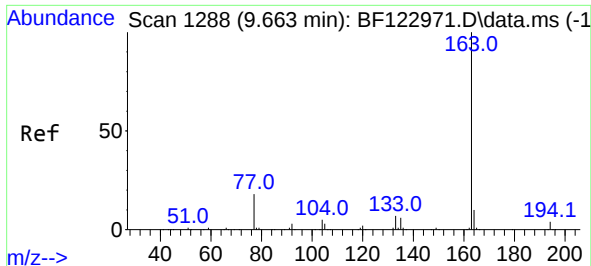
Tgt Ion: 172 Resp: 1061889
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.5 29.3



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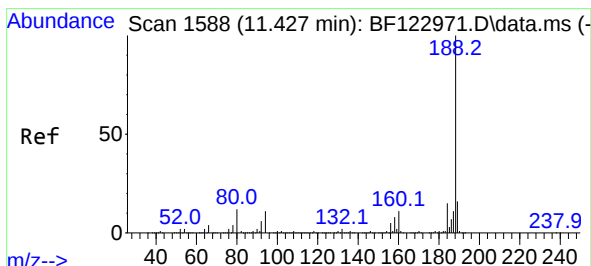
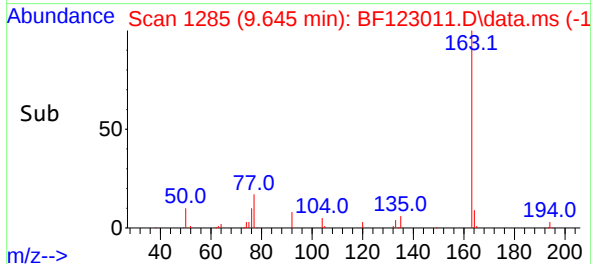
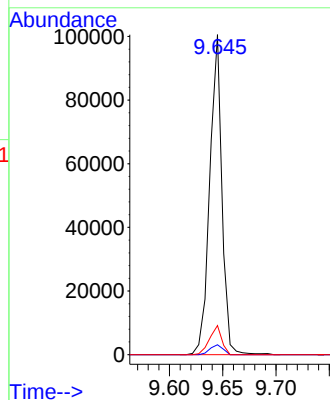
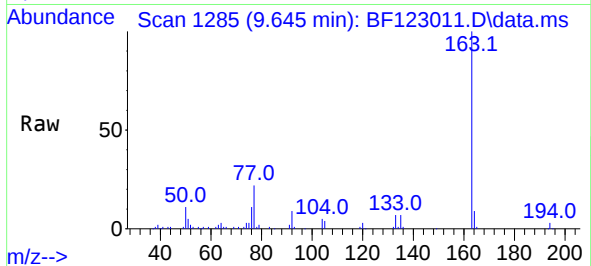
#50
Dimethylphthalate
Concen: 4.12 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:163 Resp: 80173
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.0#
164 9.1 8.1 12.1

Instrument :
BNA_F
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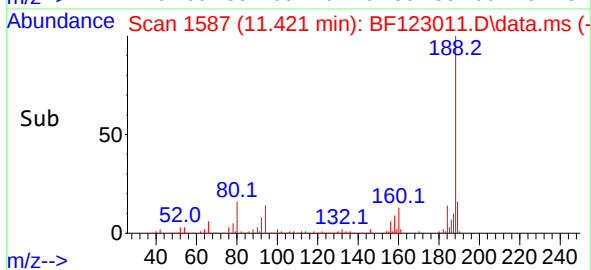
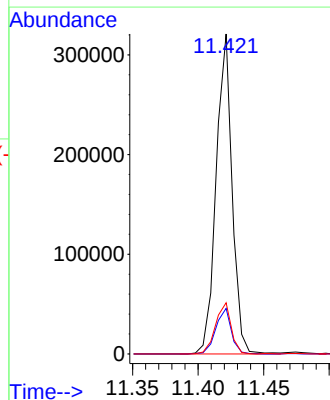
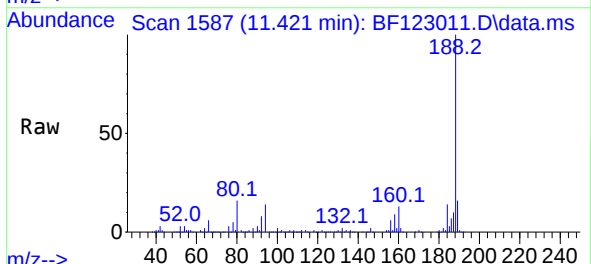
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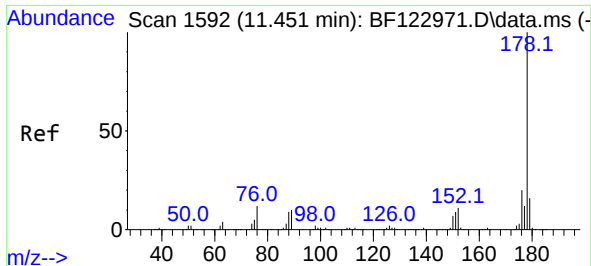
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

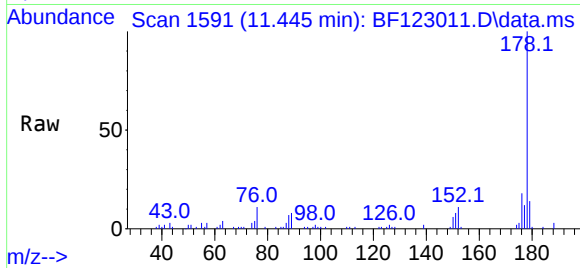
Tgt Ion:188 Resp: 272017
Ion Ratio Lower Upper
188 100
94 14.3 7.4 11.2#
80 16.0 8.2 12.4#





#71
Phenanthrene
Concen: 2.80 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

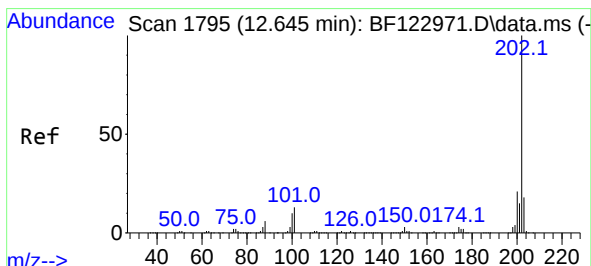
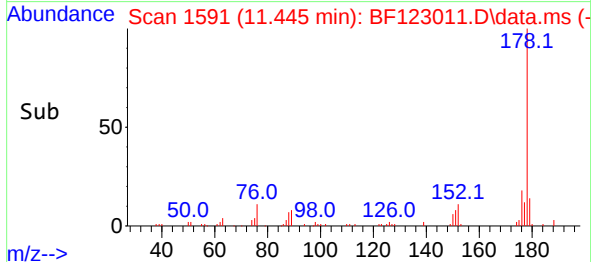
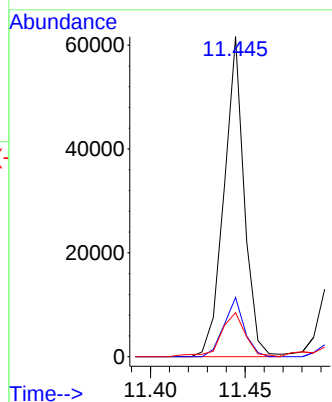
Instrument :
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Tgt Ion:178 Resp: 45614
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 13.8 12.7 19.1

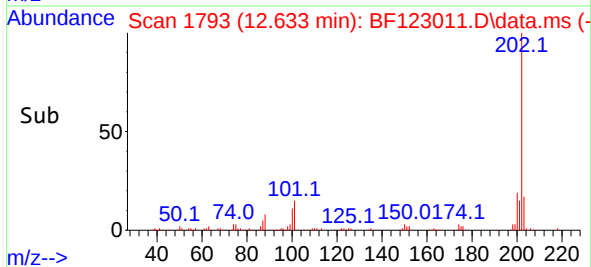
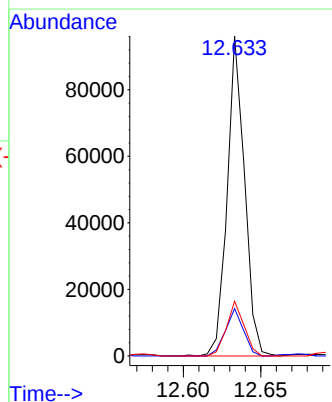
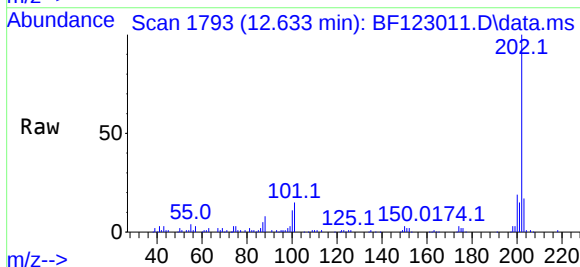
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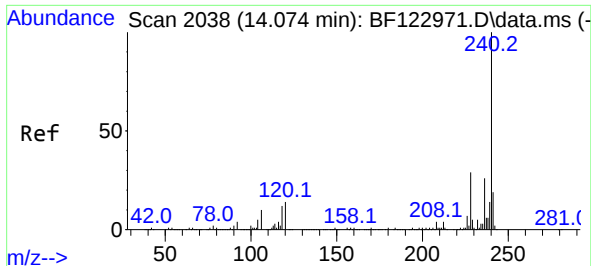
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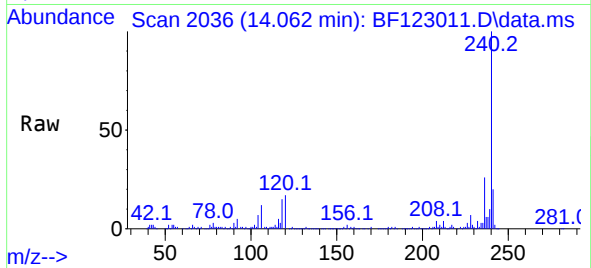
#75
Fluoranthene
Concen: 4.55 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:202 Resp: 75019
Ion Ratio Lower Upper
202 100
101 14.8 0.0 32.2
203 17.1 0.0 38.1

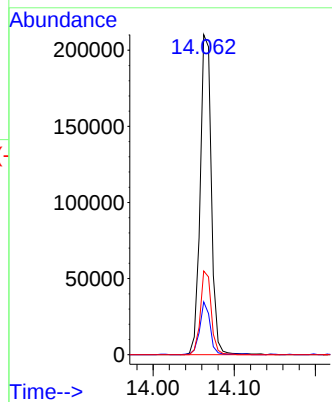
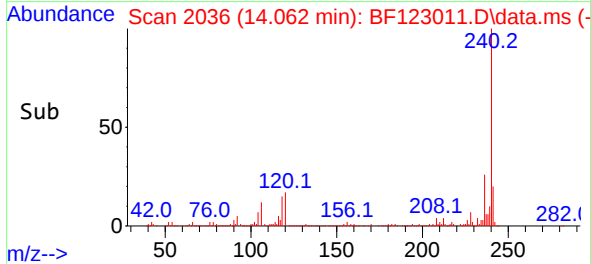




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



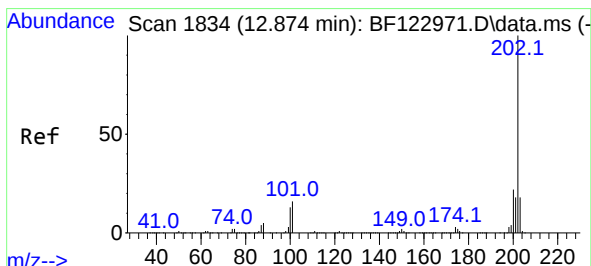
Tgt Ion:240 Resp: 201366
Ion Ratio Lower Upper
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120 16.5 8.6 12.8#
236 26.1 20.3 30.5



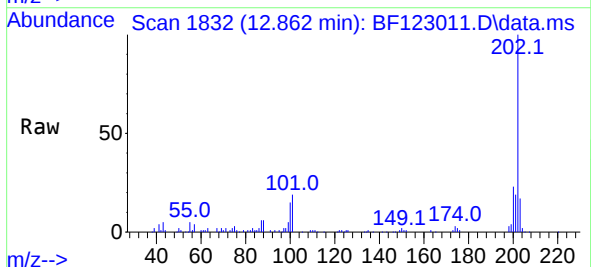
Instrument :
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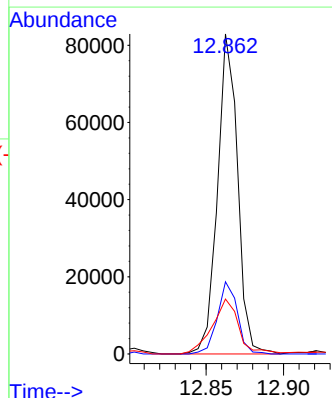
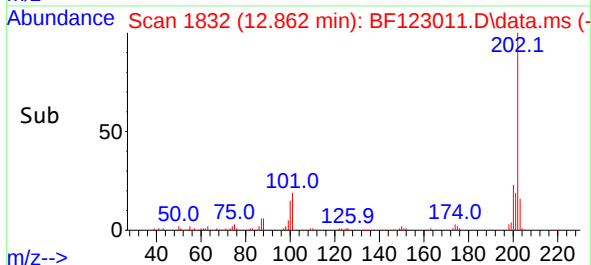
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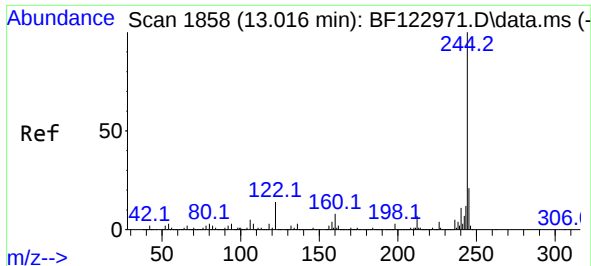


#78
Pyrene
Concen: 4.64 ng
RT: 12.862 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



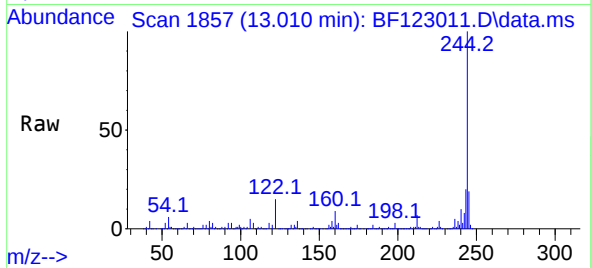
Tgt Ion:202 Resp: 74784
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 17.1 14.6 21.8





#79
Terphenyl-d14
Concen: 65.70 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

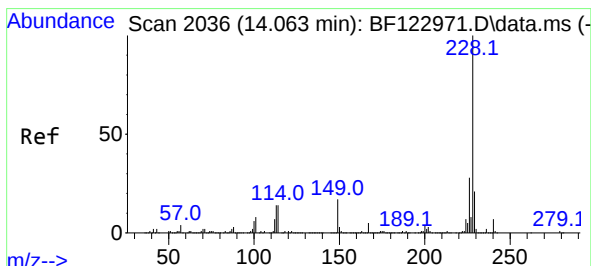
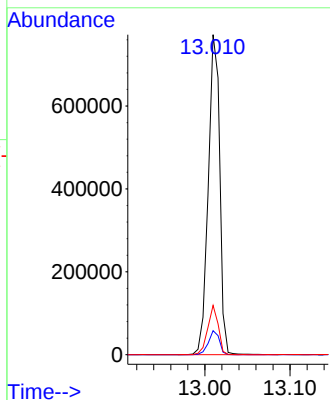
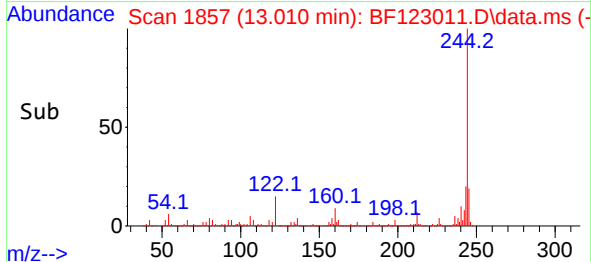
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-017-ABCD



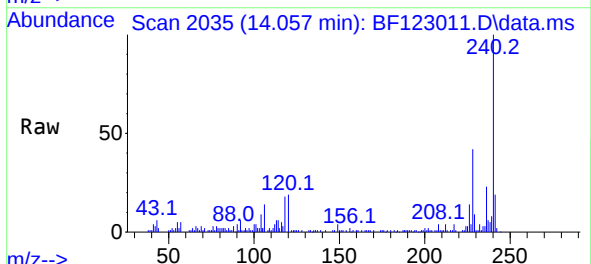
Tgt Ion:244 Resp: 721543
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 15.4 8.3 12.5#

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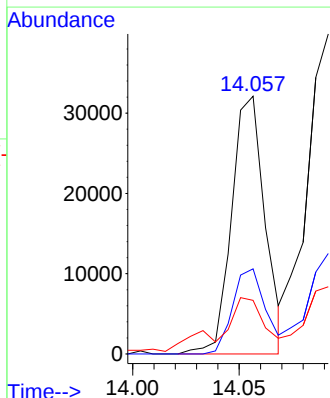
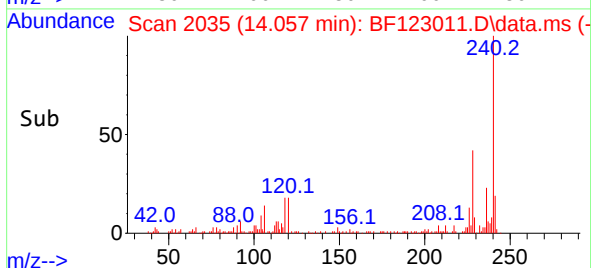
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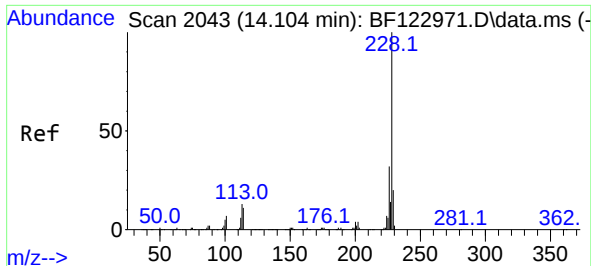


#81
Benzo(a)anthracene
Concen: 2.60 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

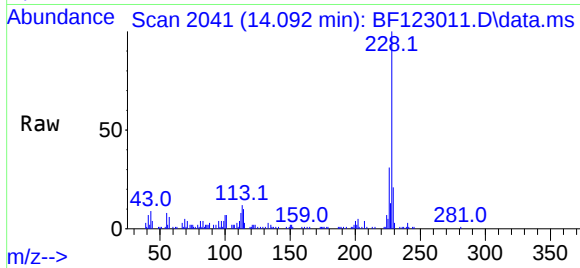


Tgt Ion:228 Resp: 35086
Ion Ratio Lower Upper
228 100
226 33.0 23.0 34.4
229 20.8 16.6 24.8

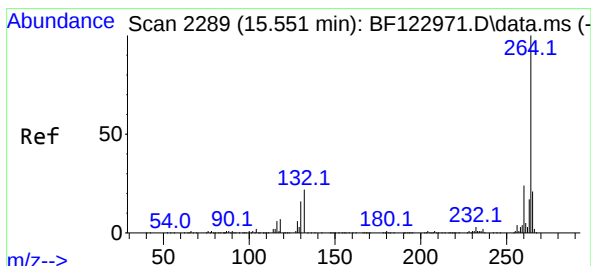
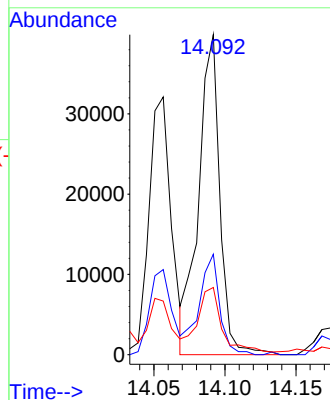
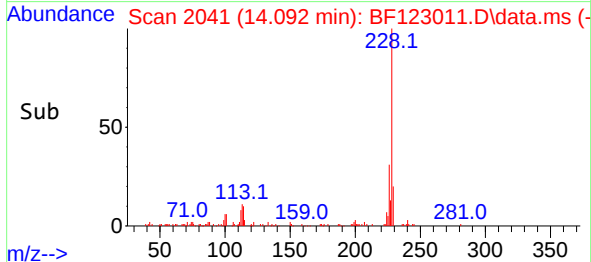




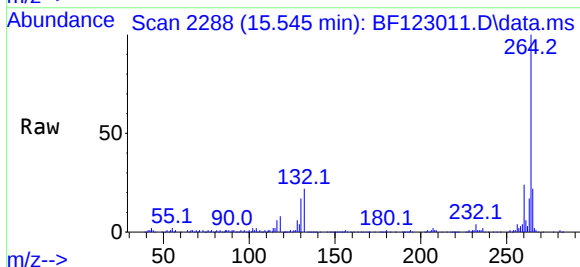
#83
Chrysene
Concen: 3.06 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



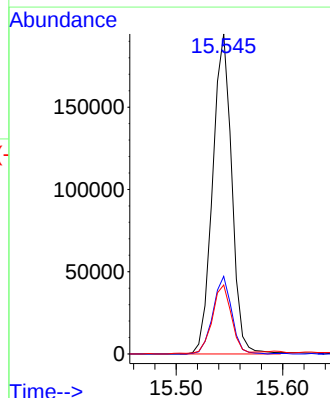
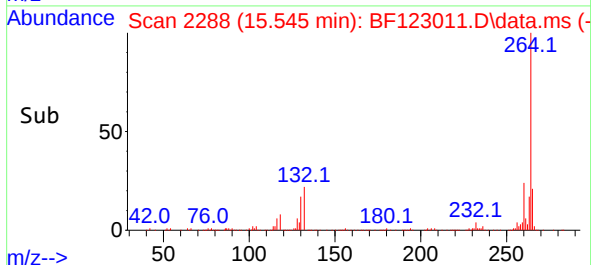
Tgt Ion: 228 Resp: 41654
Ion Ratio Lower Upper
228 100
226 31.4 24.6 36.8
229 21.0 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53



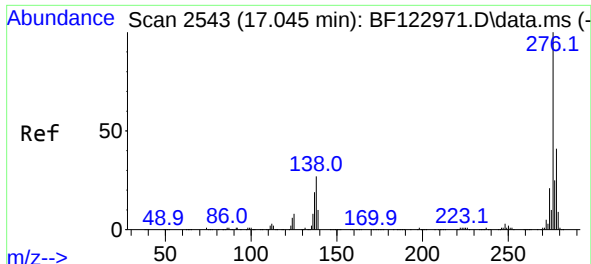
Tgt Ion: 264 Resp: 242761
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.6 17.0 25.6



Instrument :
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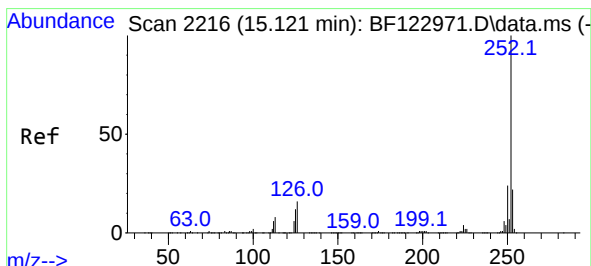
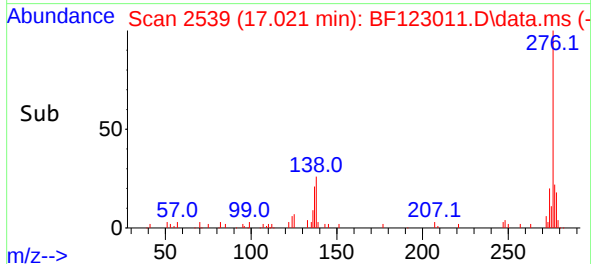
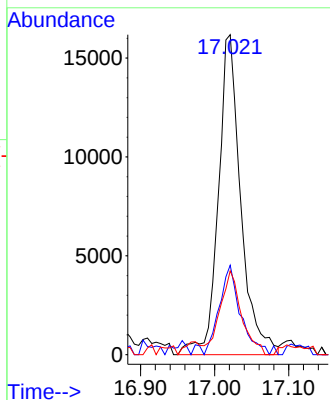
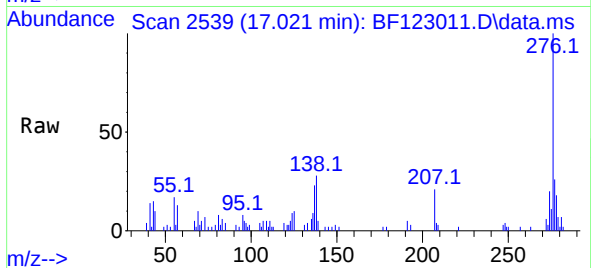
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.024 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:	276	Resp:	34173
Ion Ratio	Lower	Upper	
276	100		
138	26.7	18.7	28.1
277	24.9	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
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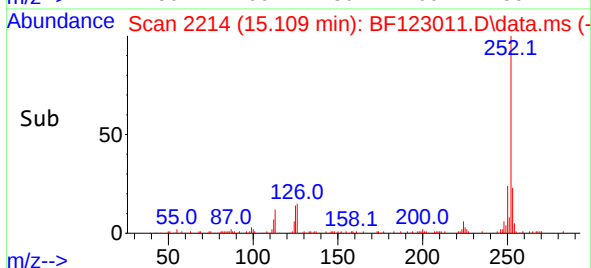
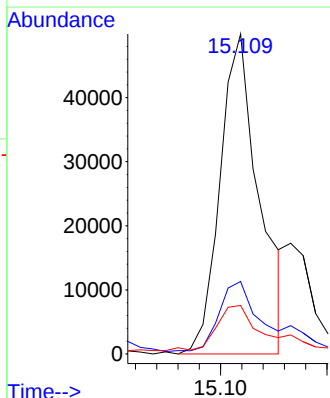
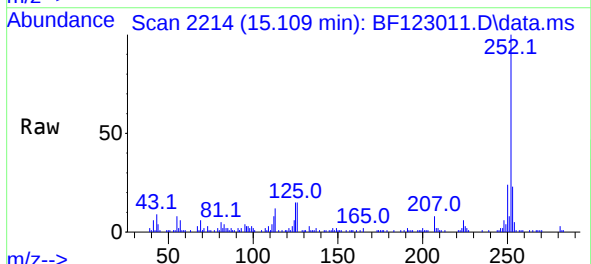
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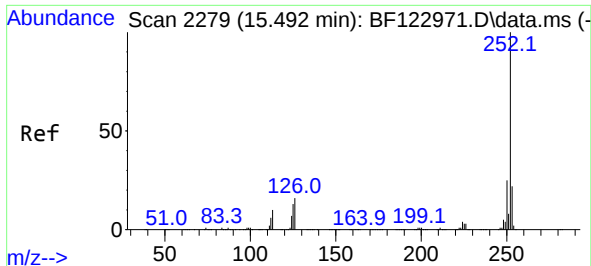
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#88
Benzo(b)fluoranthene
Concen: 3.89 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion:	252	Resp:	63775
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.3	27.5
125	15.2	8.1	12.1#





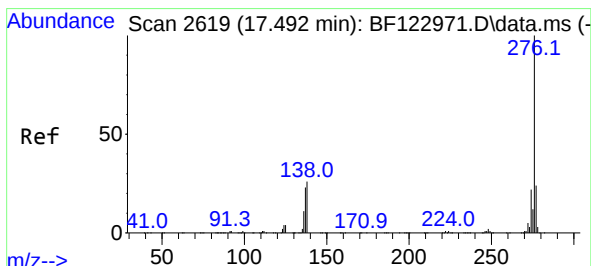
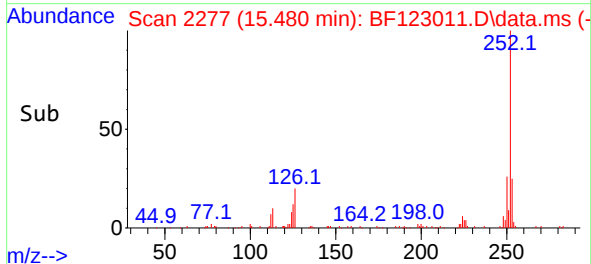
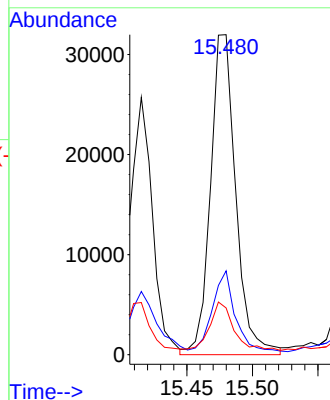
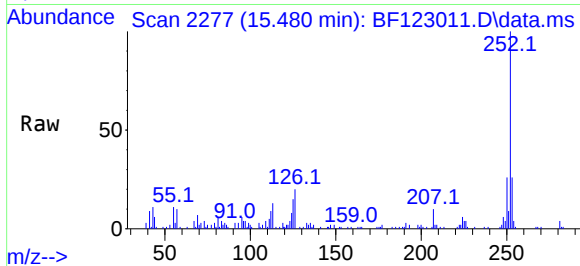
#90
Benzo(a)pyrene
Concen: 2.90 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion: 252 Resp: 42985
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 14.6 8.6 12.8#

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 2.60 ng
RT: 17.474 min Scan# 2616
Delta R.T. -0.018 min
Lab File: BF123011.D
Acq: 19 Jan 2021 3:53

Tgt Ion: 276 Resp: 31489
Ion Ratio Lower Upper
276 100
277 23.0 19.3 28.9
138 25.0 16.6 24.8#

