

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123071.D
 Acq On : 28 Jan 2021 21:18
 Operator : JU/CG
 Sample : M1253-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124055

Manual Integrations
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Quant Time: Jan 28 23:43:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	267432	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1035943	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	562998	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	1012861	20.00	ng	0.00
76) Chrysene-d12	14.080	240	803882	20.00	ng	0.00
86) Perylene-d12	15.563	264	643960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1746839	100.76	ng	0.00
7) Phenol-d6	6.516	99	2198754	93.57	ng	0.00
23) Nitrobenzene-d5	7.451	82	1402737	68.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	657654	107.61	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2469911	65.22	ng	0.00
79) Terphenyl-d14	13.022	244	2735835	66.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	68564	2.94	ng	89
50) Dimethylphthalate	9.645	163	124522	2.82	ng	99
71) Phenanthrene	11.451	178	565203	8.99	ng	98
75) Fluoranthene	12.645	202	953156	15.16	ng	99
78) Pyrene	12.874	202	735553	12.12	ng	99
81) Benzo(a)anthracene	14.069	228	267638	4.92	ng	99
83) Chrysene	14.104	228	235265	4.32	ng	95
87) Indeno(1,2,3-cd)pyrene	17.051	276	85812	2.00	ng	99
88) Benzo(b)fluoranthene	15.127	252	332102m	7.14	ng	
89) Benzo(k)fluoranthene	15.151	252	86991m	2.01	ng	
90) Benzo(a)pyrene	15.498	252	156542	3.83	ng	97
92) Benzo(g,h,i)perylene	17.504	276	78853	2.31	ng	# 93

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

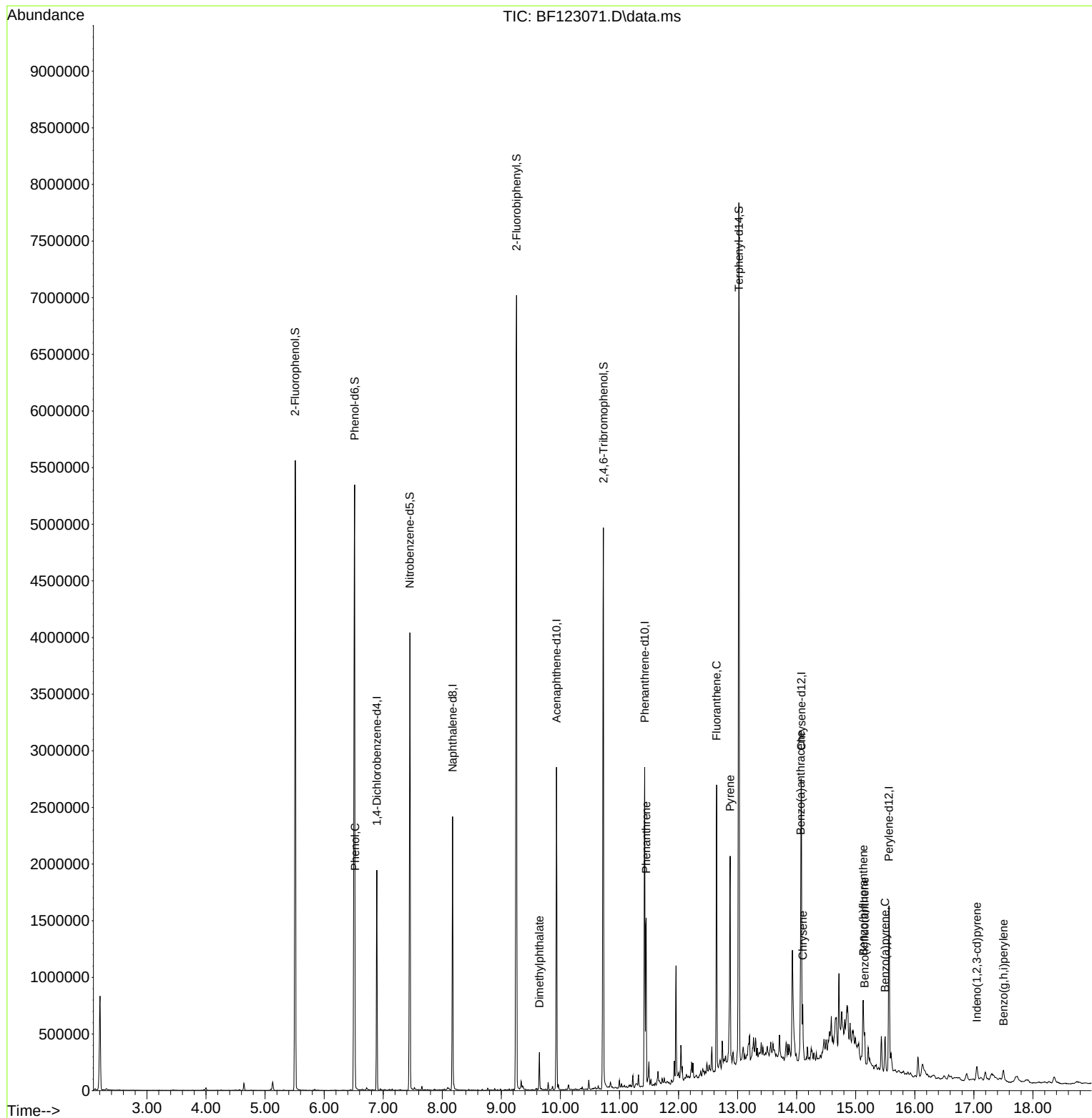
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123071.D
Acq On : 28 Jan 2021 21:18
Operator : JU/CG
Sample : M1253-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

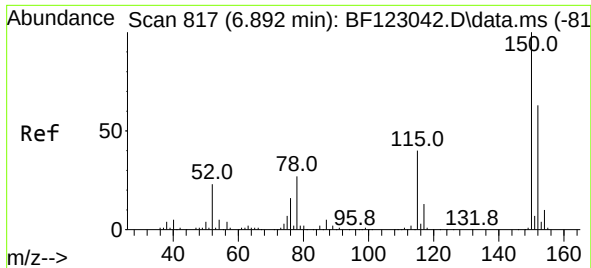
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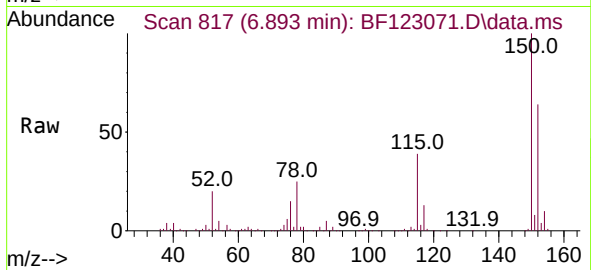
Quant Time: Jan 28 23:43:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

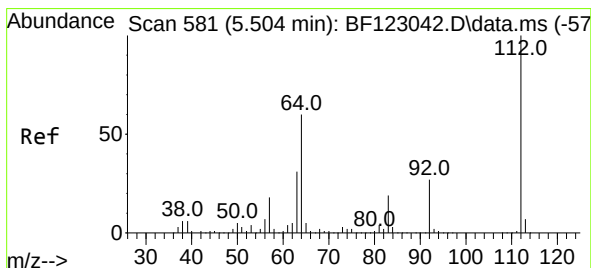
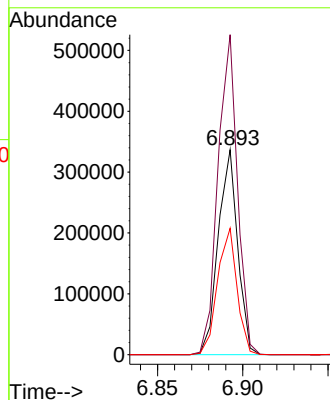
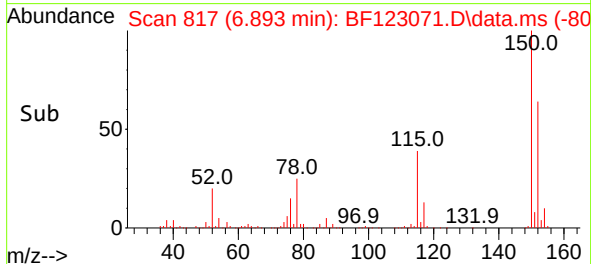
Instrument :
BNA_F
ClientSampled :
124055



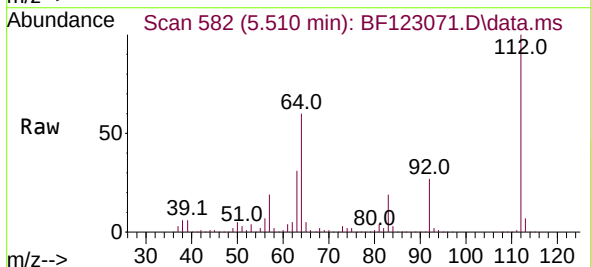
Tgt Ion:152 Resp: 267432
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 61.6 49.3 73.9

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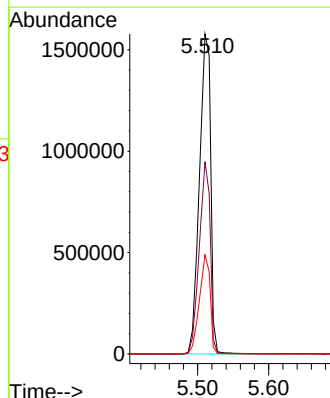
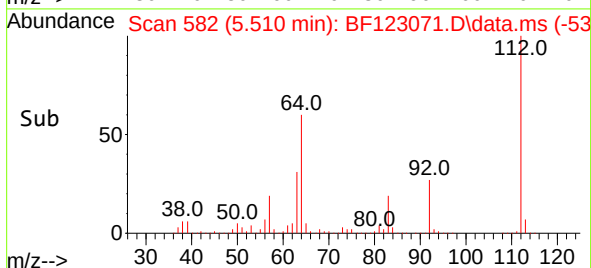
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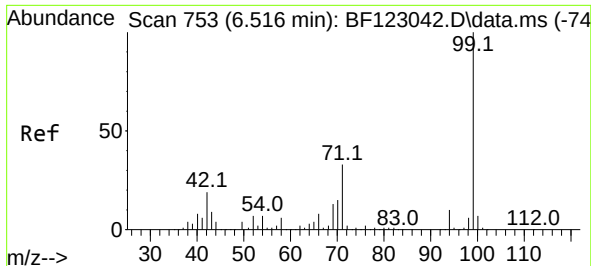


#5
2-Fluorophenol
Concen: 100.76 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



Tgt Ion:112 Resp: 1746839
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.0 24.5 36.7





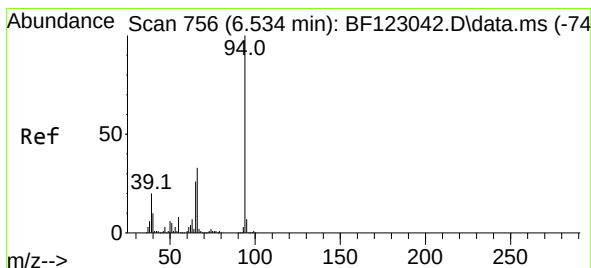
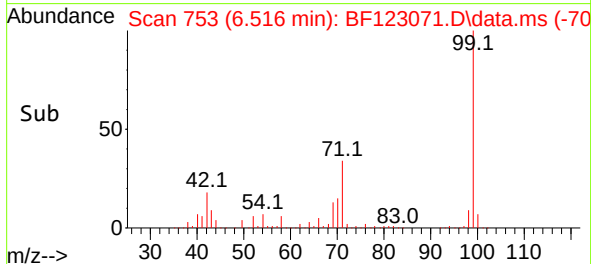
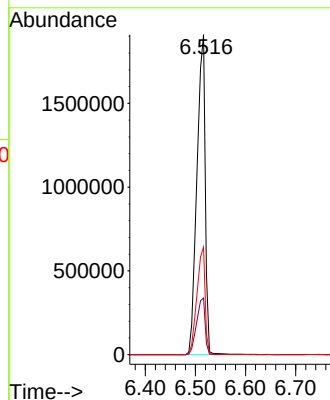
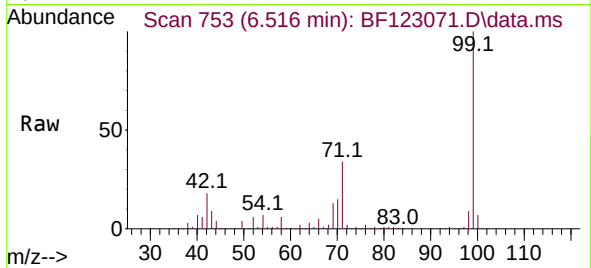
#7
Phenol-d6
Concen: 93.57 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion: 99 Resp: 2198754
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.6
71 33.6 26.9 40.3

Instrument :
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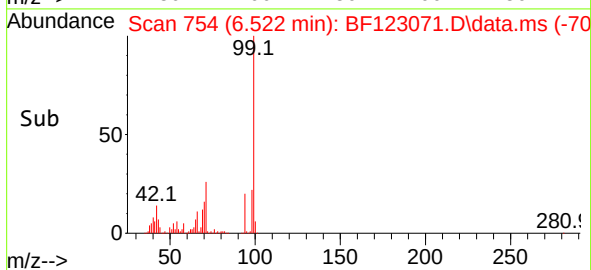
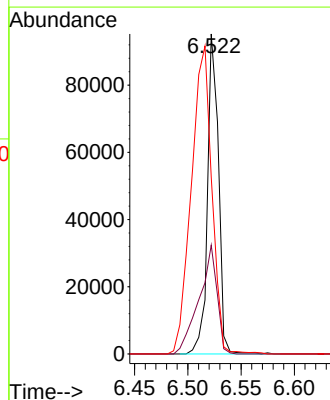
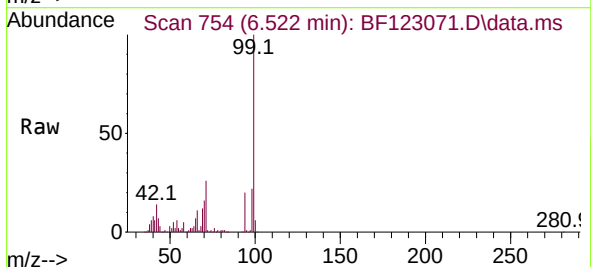
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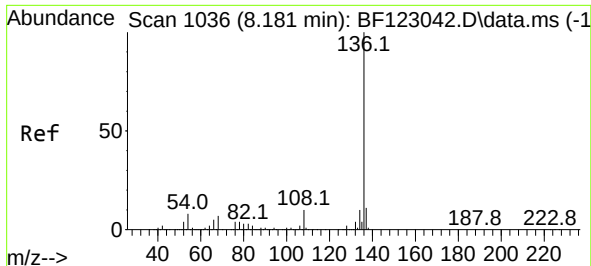
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#10
Phenol
Concen: 2.94 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

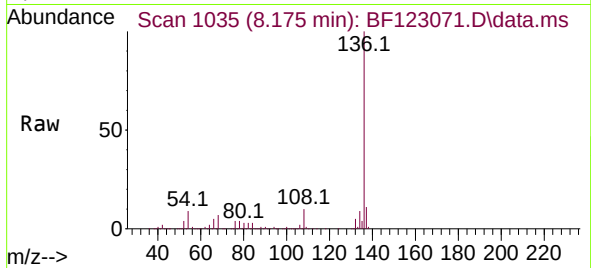
Tgt Ion: 94 Resp: 68564
Ion Ratio Lower Upper
94 100
65 34.0 11.2 51.2
66 55.3 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

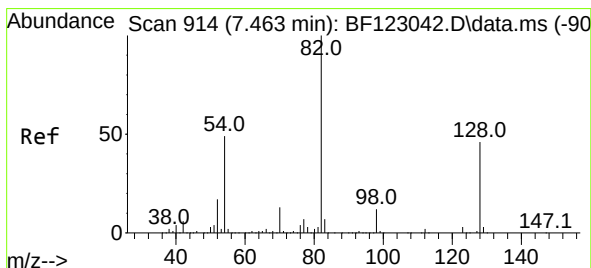
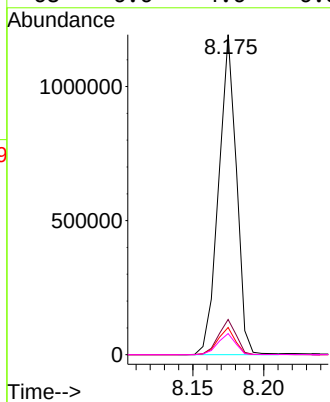
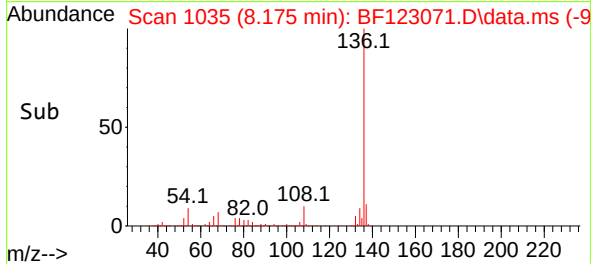
Instrument :
BNA_F
ClientSampled :
124055



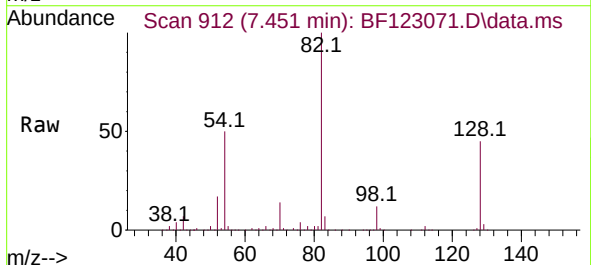
Tgt Ion:136 Resp: 1035943
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 5.5 8.3#
68 6.6 4.6 6.8

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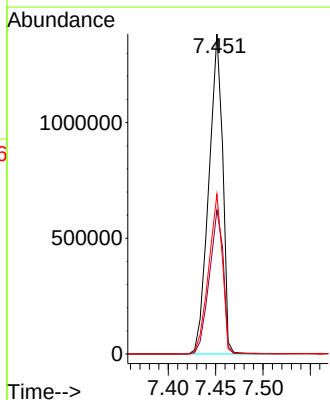
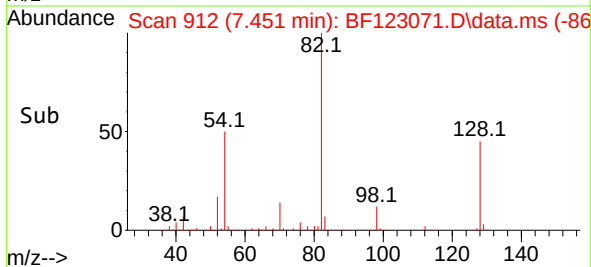
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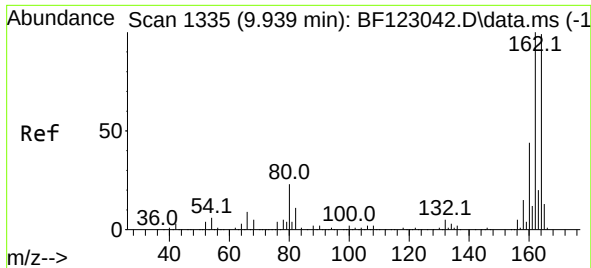


#23
Nitrobenzene-d5
Concen: 68.15 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



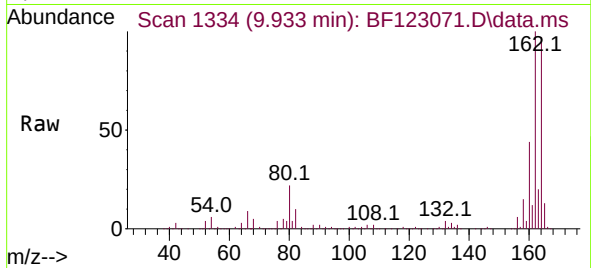
Tgt Ion: 82 Resp: 1402737
Ion Ratio Lower Upper
82 100
128 45.0 37.0 55.4
54 49.9 38.4 57.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

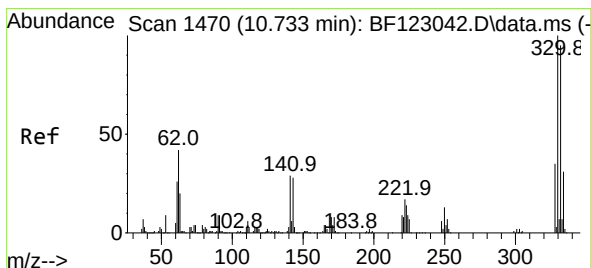
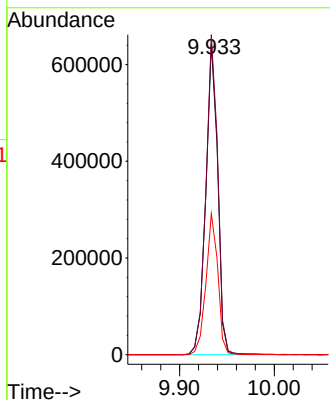
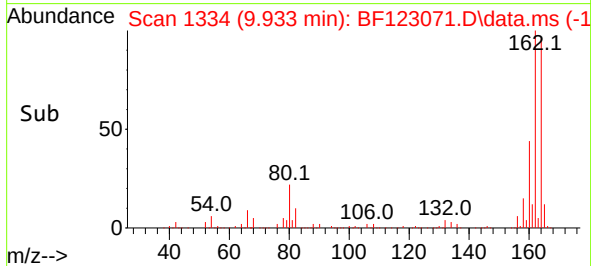
Instrument :
BNA_F
ClientSampleId :
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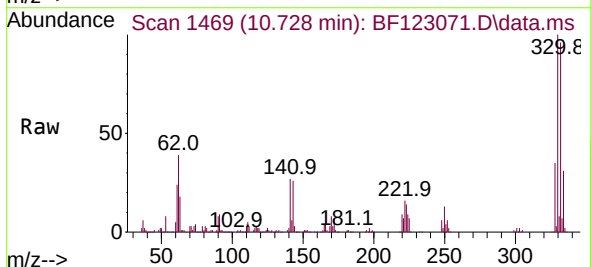
Tgt Ion:164 Resp: 562998
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.4 35.4 53.0

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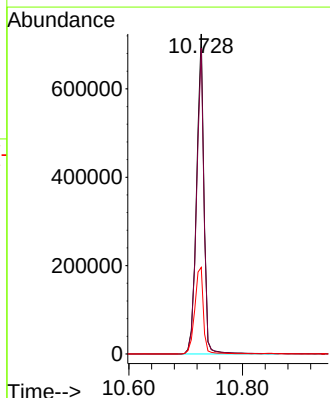
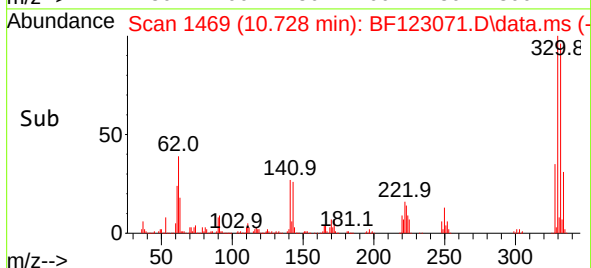
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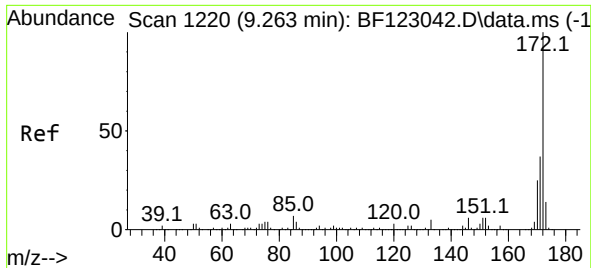


#42
2,4,6-Tribromophenol
Concen: 107.61 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



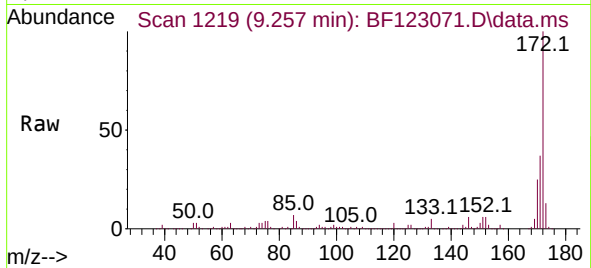
Tgt Ion:330 Resp: 657654
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 31.7 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 65.22 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

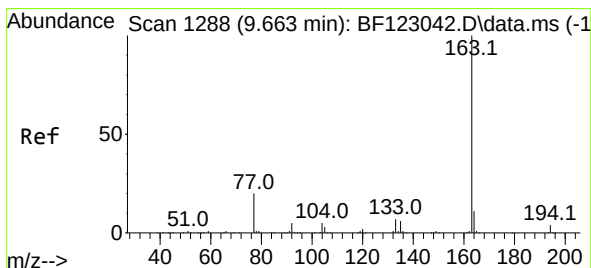
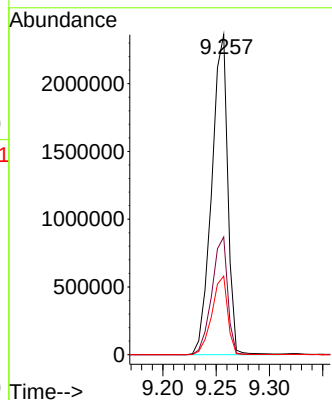
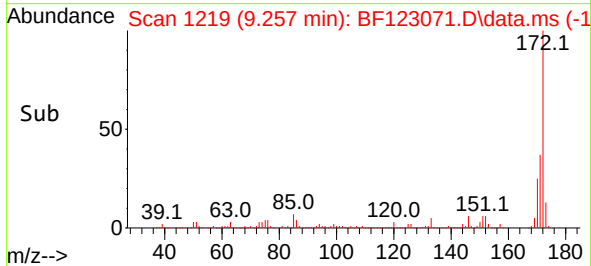
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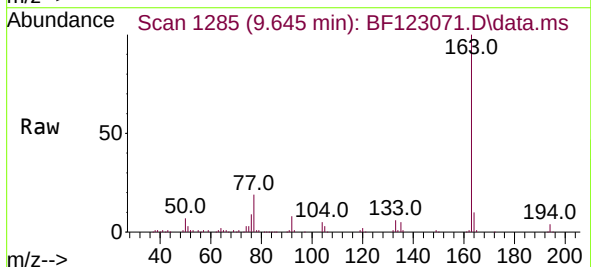
Tgt Ion:172 Resp: 2469911
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

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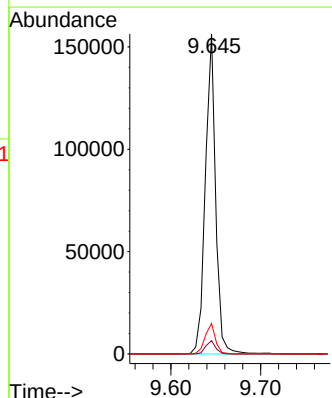
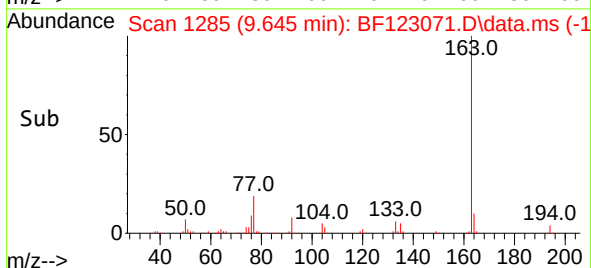
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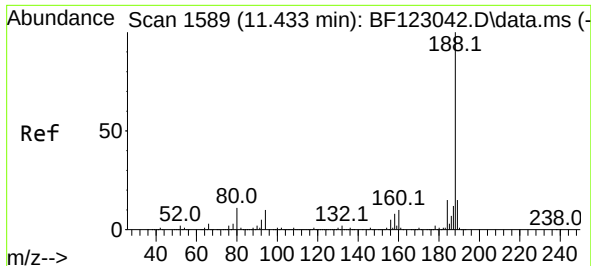


#50
Dimethylphthalate
Concen: 2.82 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



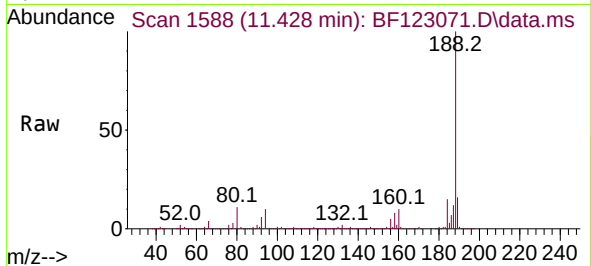
Tgt Ion:163 Resp: 124522
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.5 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

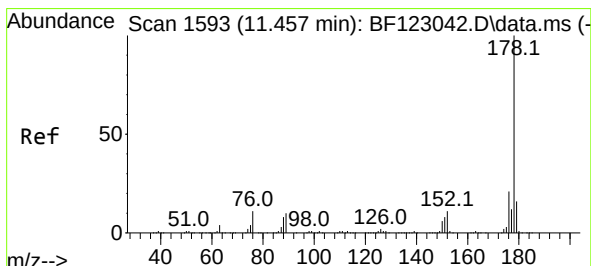
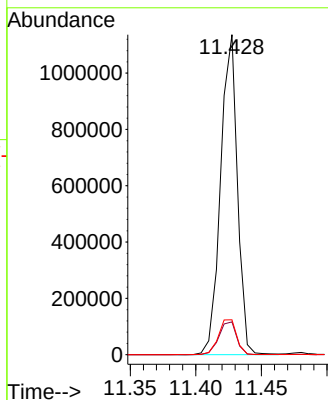
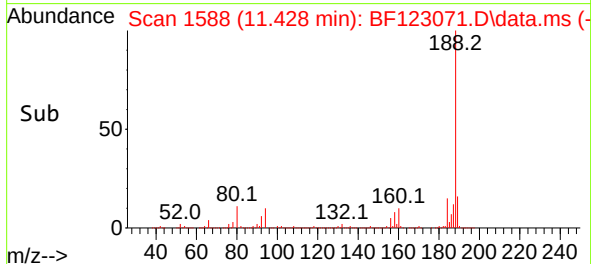
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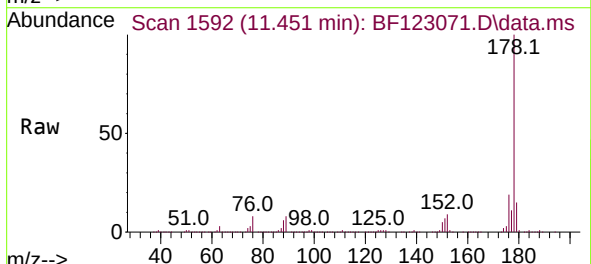
Tgt Ion:188 Resp: 1012861
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 8.2 12.4

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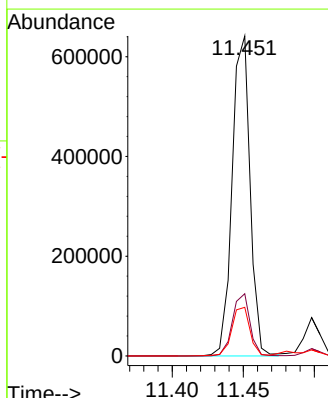
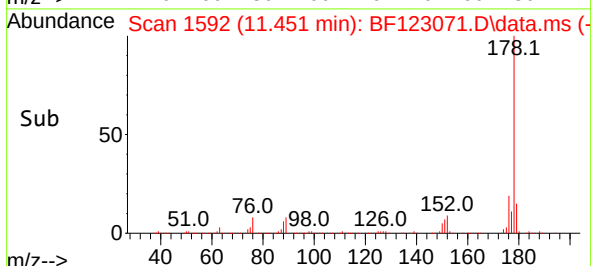
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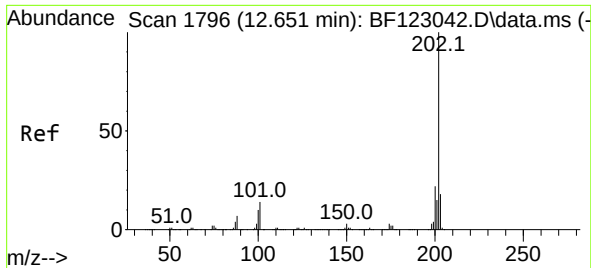


#71
Phenanthrene
Concen: 8.99 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

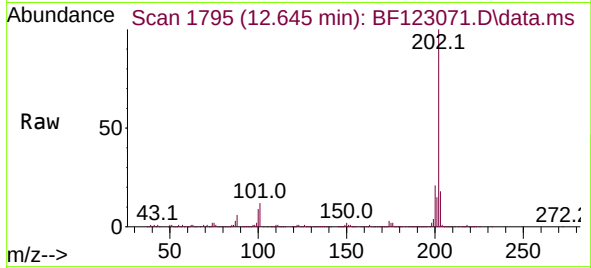


Tgt Ion:178 Resp: 565203
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.2 12.7 19.1

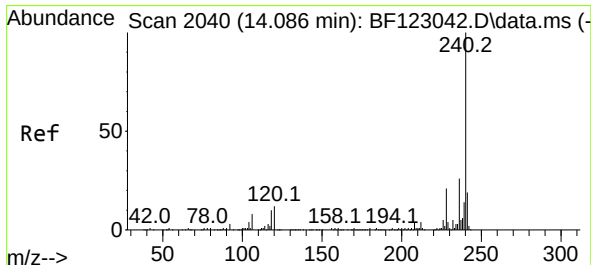
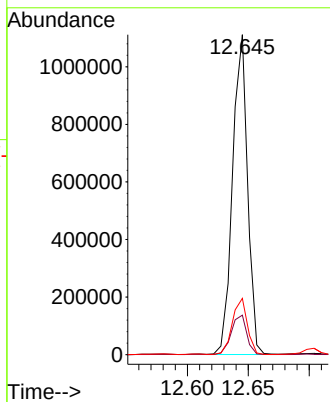
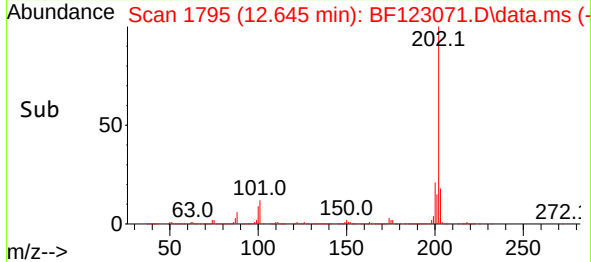




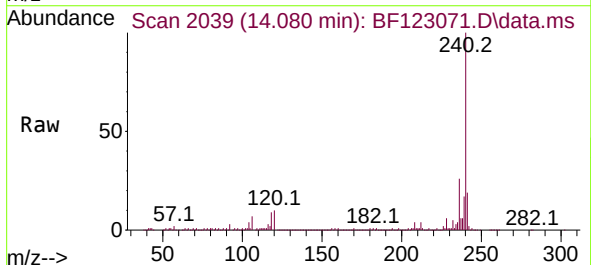
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Fluoranthene
Concen: 15.16 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



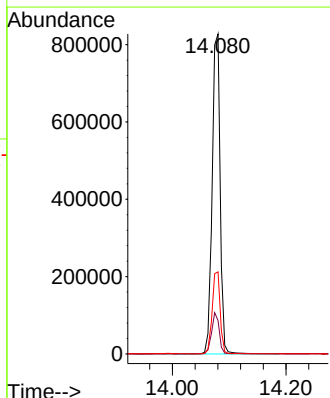
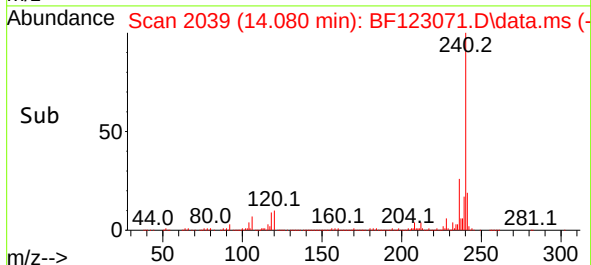
Tgt Ion:202 Resp: 953156
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.2
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



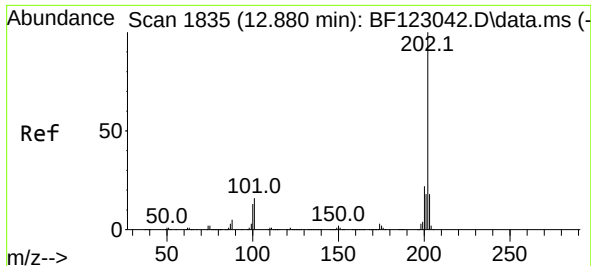
Tgt Ion:240 Resp: 803882
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.7 20.3 30.5



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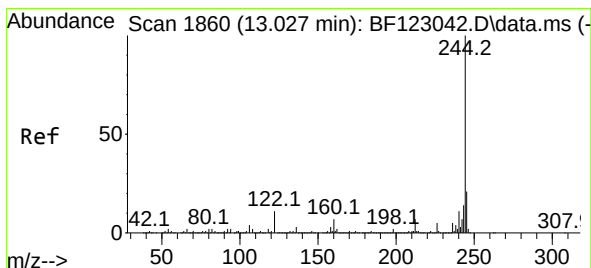
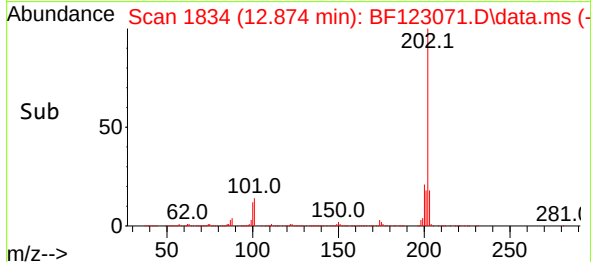
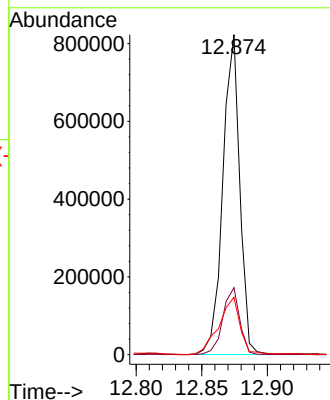
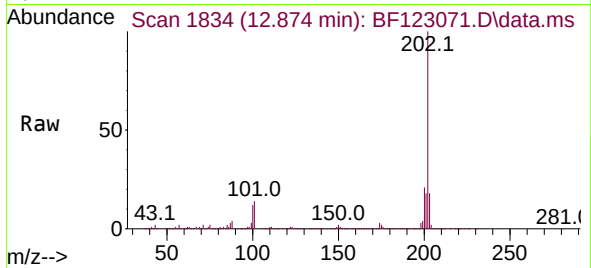
#78
Pyrene
Concen: 12.12 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:202 Resp: 735553
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 18.0 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
124055

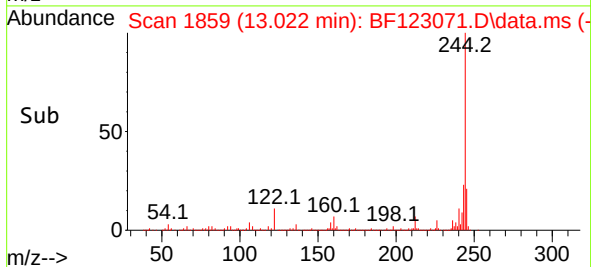
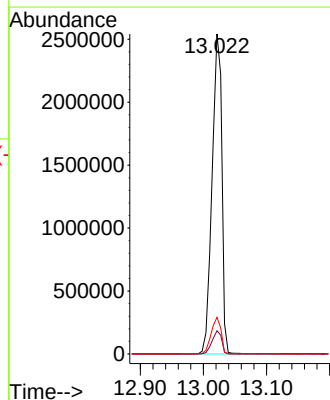
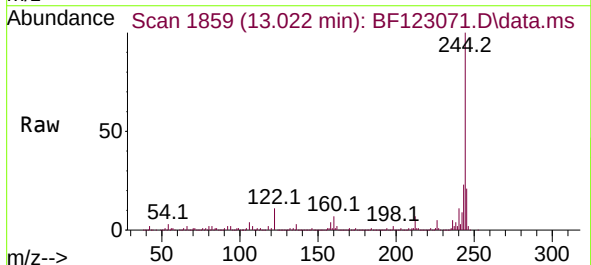
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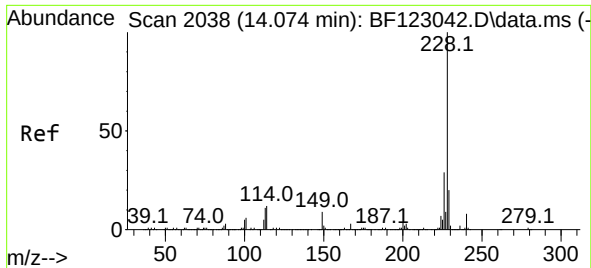
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#79
Terphenyl-d14
Concen: 66.86 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:244 Resp: 2735835
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.5 8.3 12.5





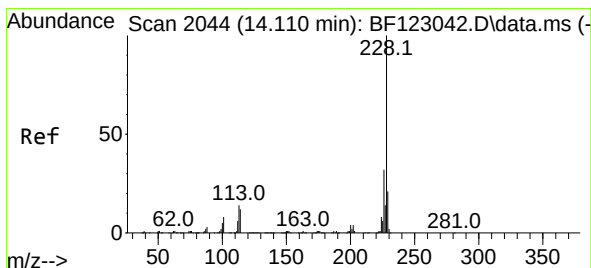
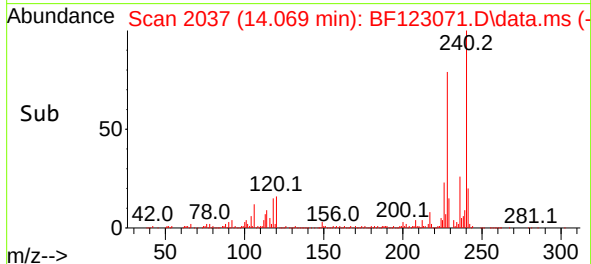
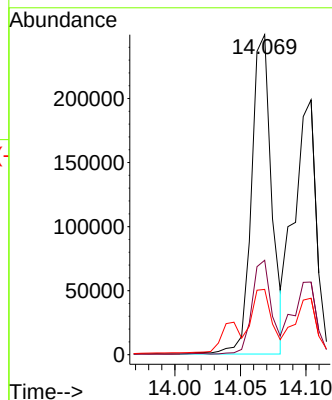
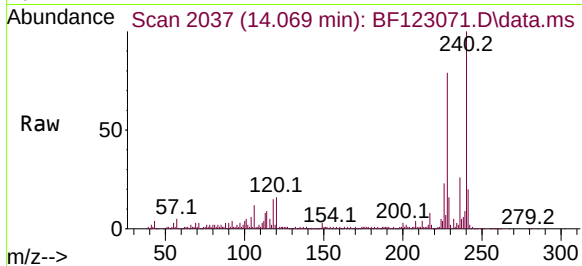
#81
Benzo(a)anthracene
Concen: 4.92 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:228 Resp: 267638
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.4
229 20.4 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
124055

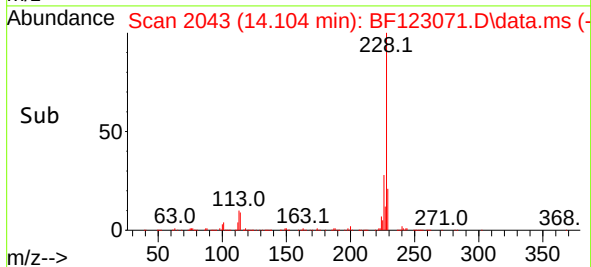
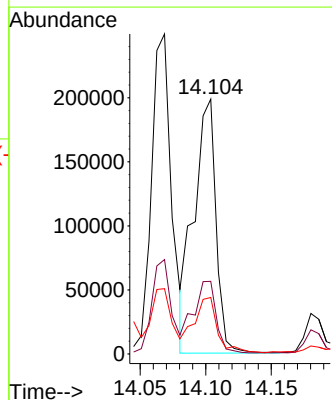
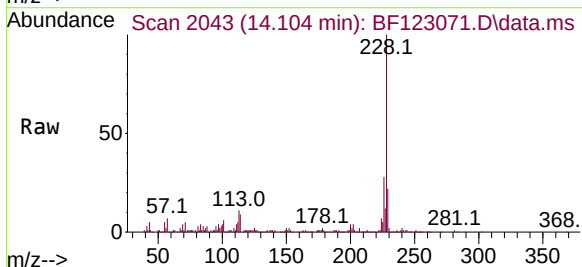
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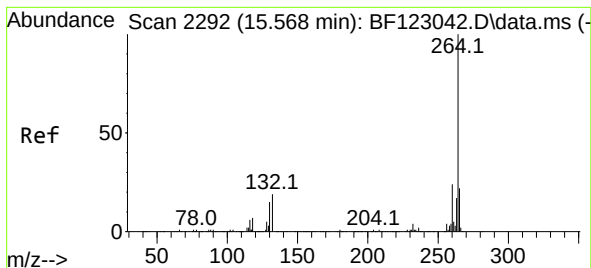
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#83
Chrysene
Concen: 4.32 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:228 Resp: 235265
Ion Ratio Lower Upper
228 100
226 28.5 24.6 36.8
229 22.2 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

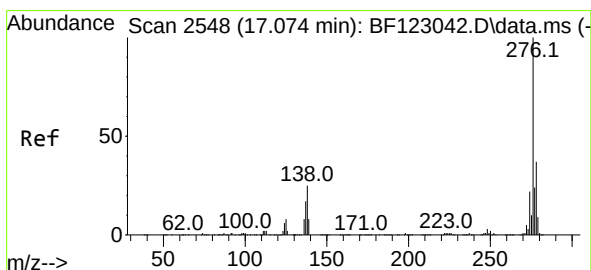
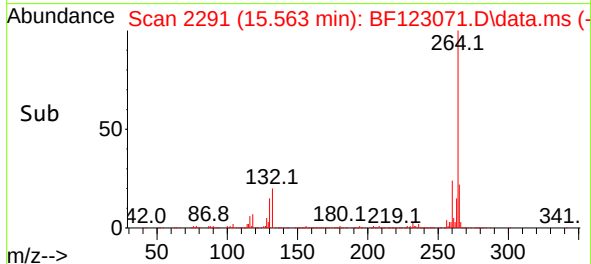
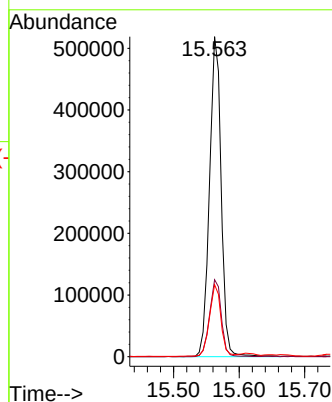
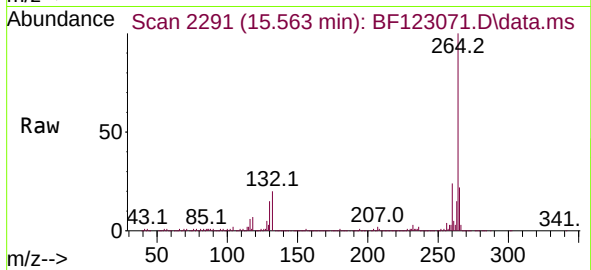
Tgt Ion: 264 Resp: 643960

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.5	17.0	25.6

Instrument :
BNA_F
ClientSampled :
124055

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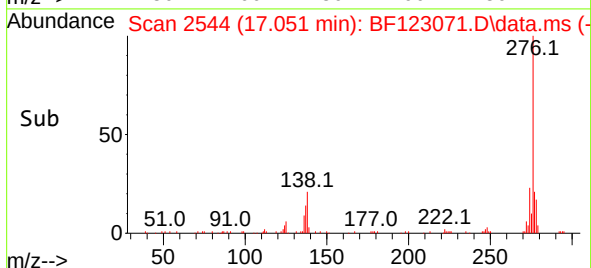
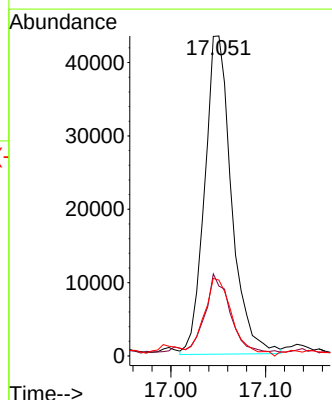
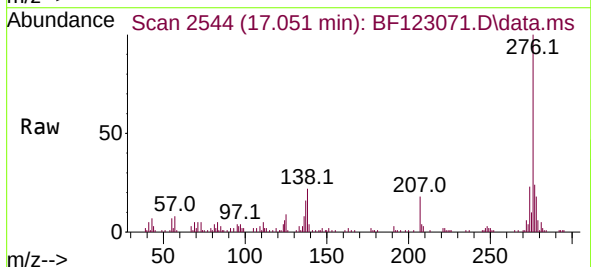
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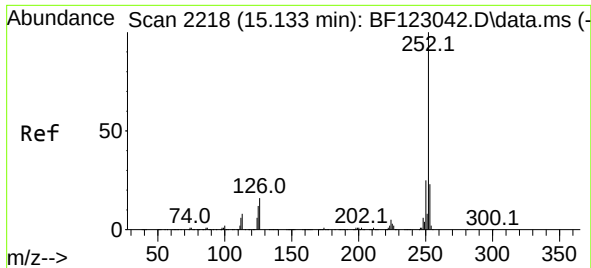


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.023 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion: 276 Resp: 85812

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.7	28.1
277	25.7	20.2	30.4





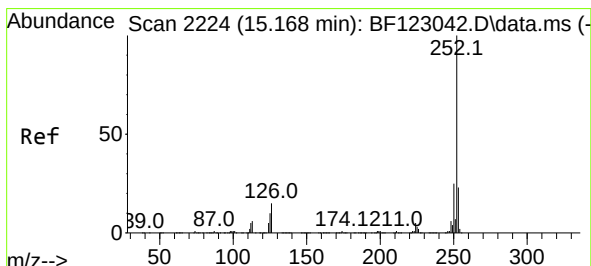
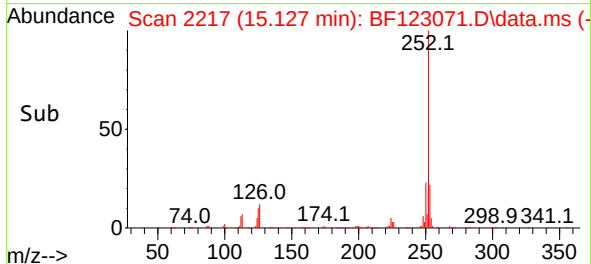
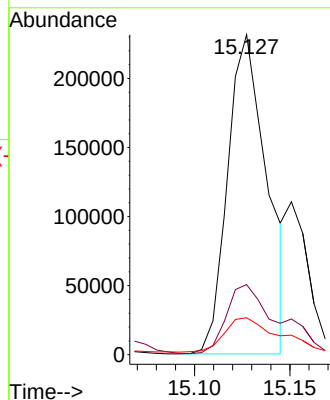
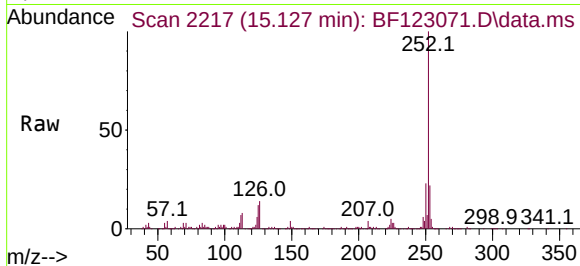
#88
Benzo(b)fluoranthene
Concen: 7.14 ng m
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:252 Resp: 332102
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 11.6 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
124055

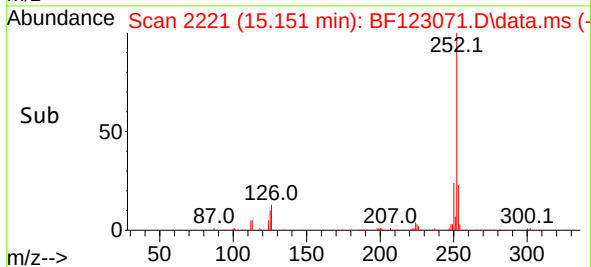
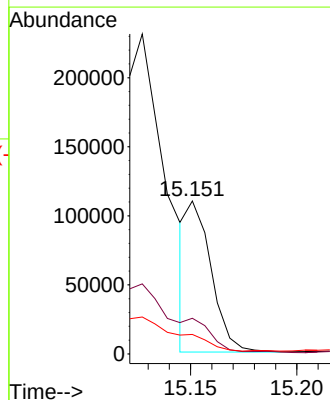
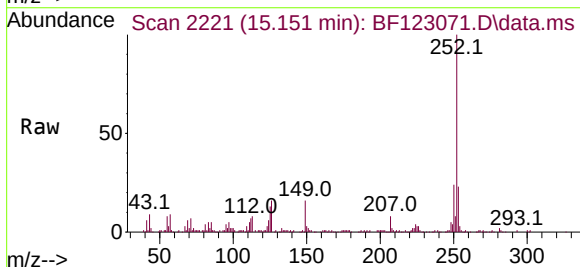
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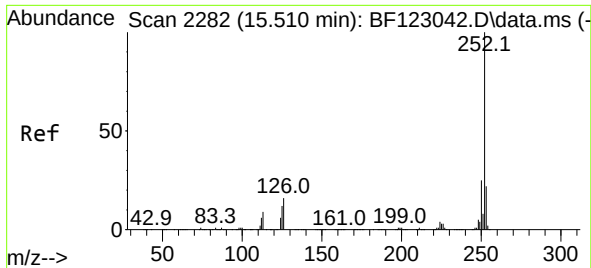
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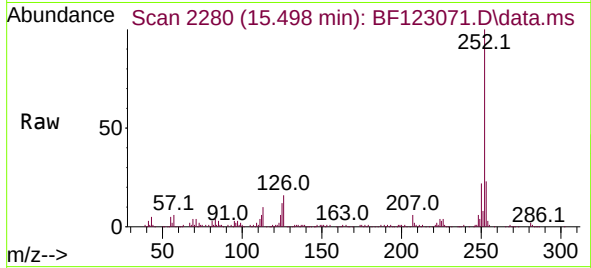
#89
Benzo(k)fluoranthene
Concen: 2.01 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.018 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18

Tgt Ion:252 Resp: 86991
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.8 8.4 12.6#

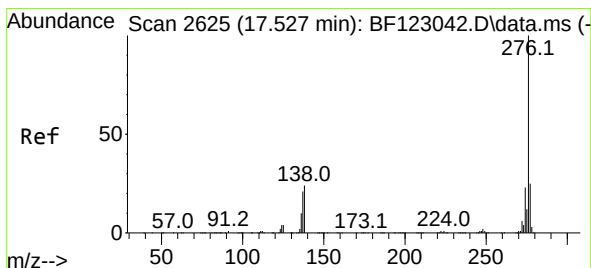
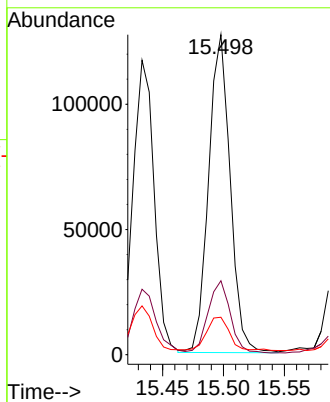
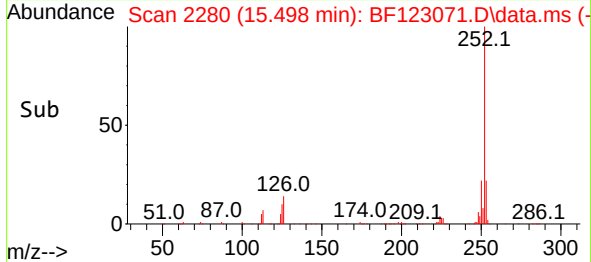




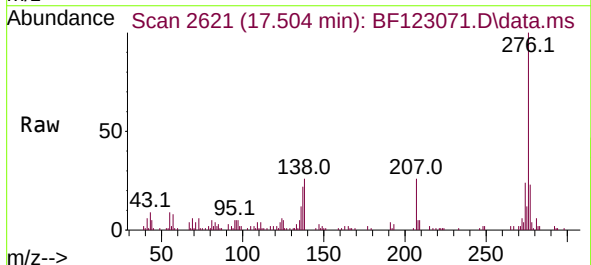
#90
Benzo(a)pyrene
Concen: 3.83 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



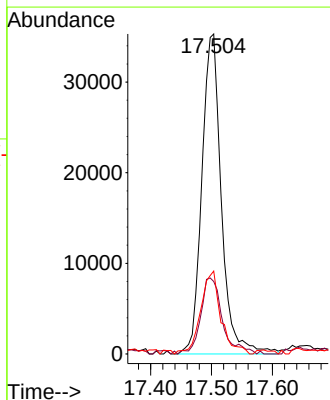
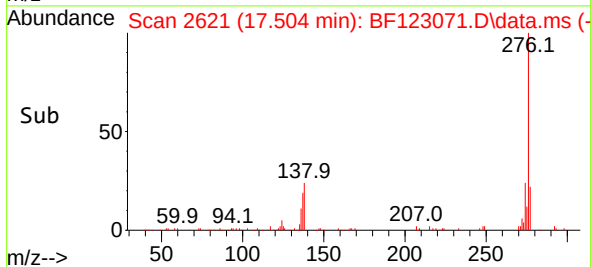
Tgt Ion:252 Resp: 156542
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 11.7 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 2.31 ng
RT: 17.504 min Scan# 2621
Delta R.T. -0.023 min
Lab File: BF123071.D
Acq: 28 Jan 2021 21:18



Tgt Ion:276 Resp: 78853
Ion Ratio Lower Upper
276 100
277 22.7 19.3 28.9
138 25.9 16.6 24.8#



Instrument :
BNA_F
ClientSampleId :
124055

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