

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122234.D
 Acq On : 2 Nov 2020 19:28
 Operator : JU/CG
 Sample : L4521-09DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Manual Integrations
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Quant Time: Nov 03 00:04:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80199	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	320852	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	163727	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	288684	20.00	ng	0.00
76) Chrysene-d12	13.880	240	202048	20.00	ng	0.00
86) Perylene-d12	15.321	264	201400	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	67715	12.46	ng	0.03
7) Phenol-d6	6.398	99	92000	13.15	ng	0.03
23) Nitrobenzene-d5	7.292	82	62438	9.98	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	21944	10.83	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	114817	10.32	ng	0.00
79) Terphenyl-d14	12.815	244	91871	8.67	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.257	178	262268	16.57	ng	99
72) Anthracene	11.316	178	39729	2.42	ng	97
75) Fluoranthene	12.451	202	487405	28.72	ng	97
78) Pyrene	12.680	202	419111	27.22	ng	98
81) Benzo(a)anthracene	13.868	228	164434	12.42	ng	98
83) Chrysene	13.910	228	178534	13.74	ng	98
87) Indeno(1,2,3-cd)pyrene	16.745	276	99999	7.65	ng	# 93
88) Benzo(b)fluoranthene	14.909	252	218224m	16.03	ng	
89) Benzo(k)fluoranthene	14.939	252	74434m	5.76	ng	
90) Benzo(a)pyrene	15.262	252	150025	12.76	ng	98
92) Benzo(g,h,i)perylene	17.174	276	94703	8.79	ng	98

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

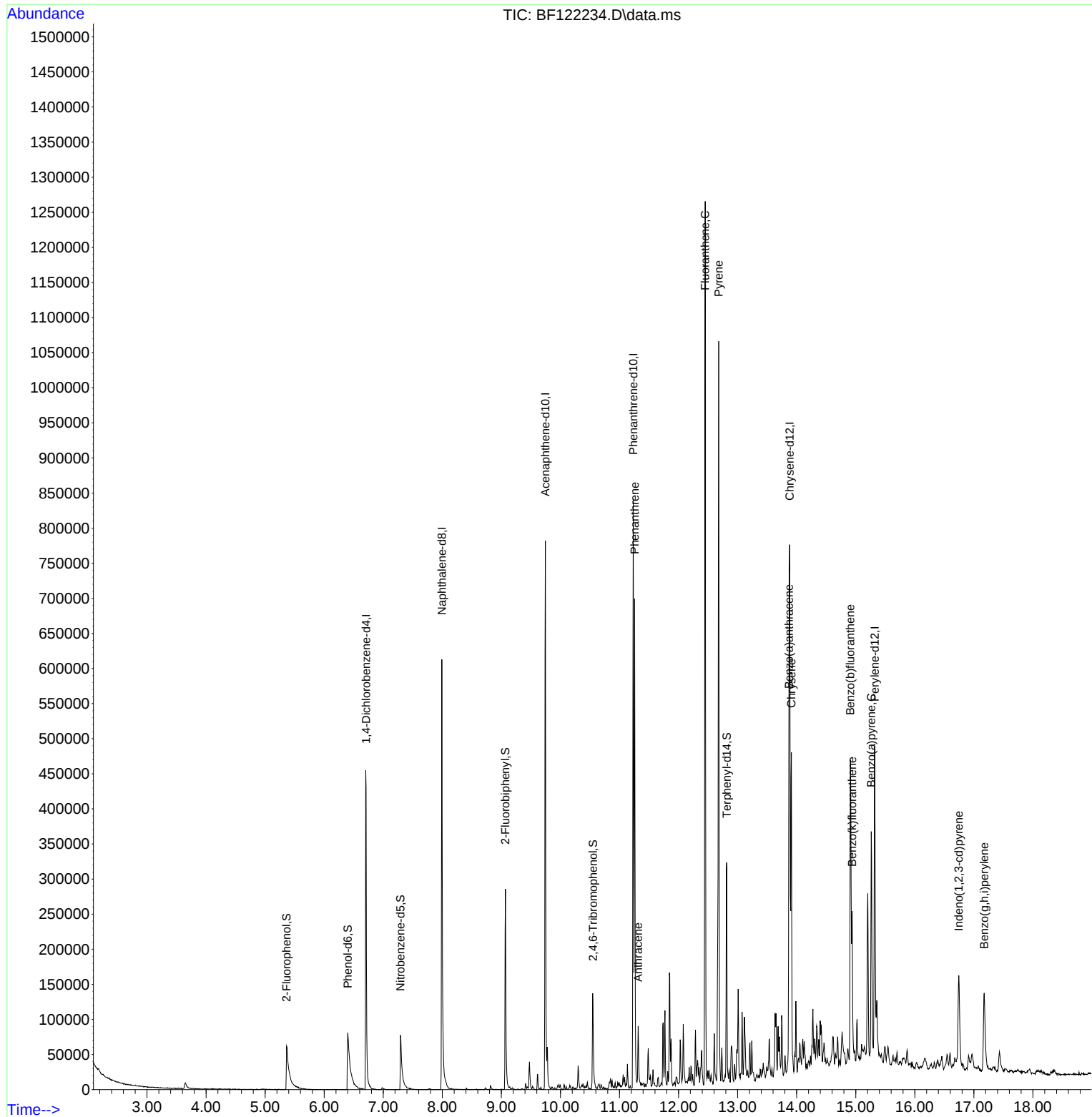
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
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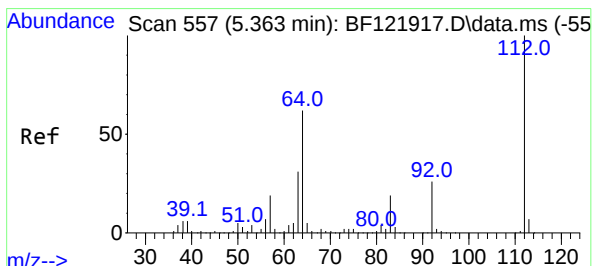
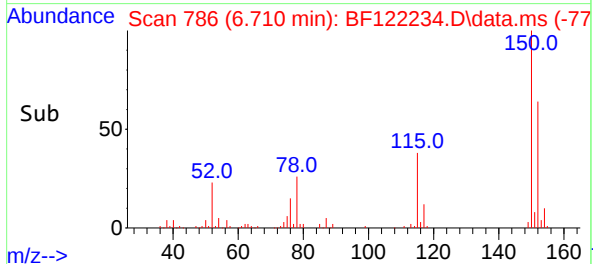
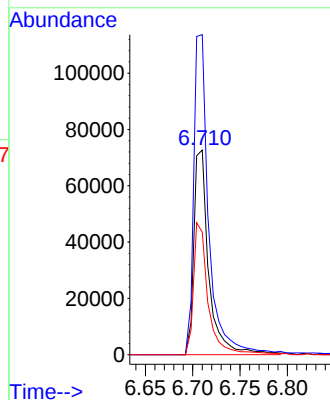
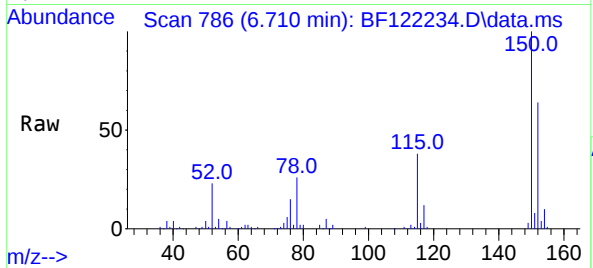
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:152 Resp: 80199
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 59.8 51.9 77.9

Instrument :
BNA_F
ClientSampled :
S-5DL

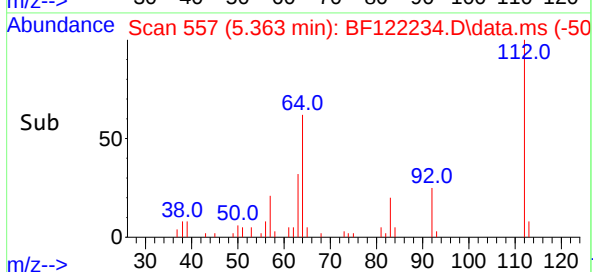
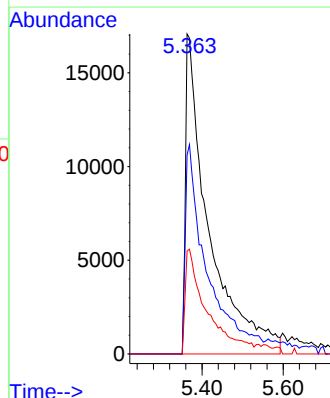
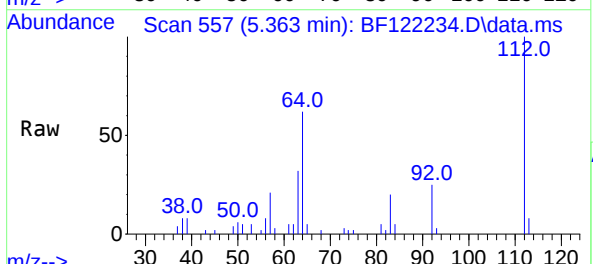
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#5
2-Fluorophenol
Concen: 12.46 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.029 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:112 Resp: 67715
Ion Ratio Lower Upper
112 100
64 62.1 50.4 75.6
63 32.2 25.8 38.6





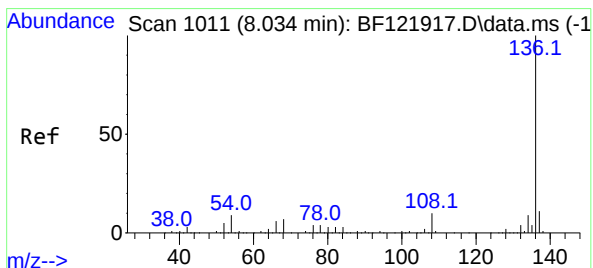
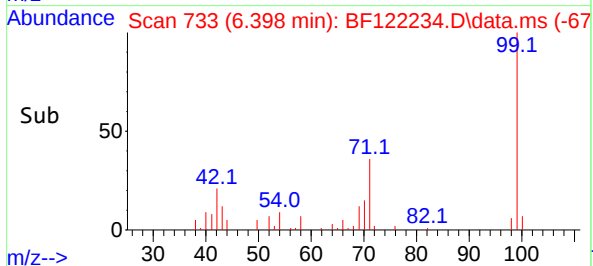
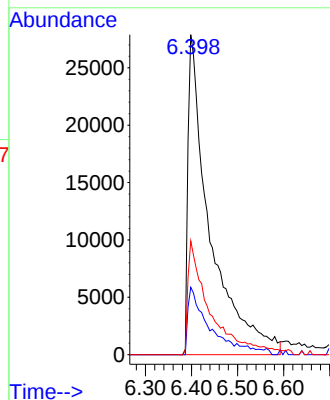
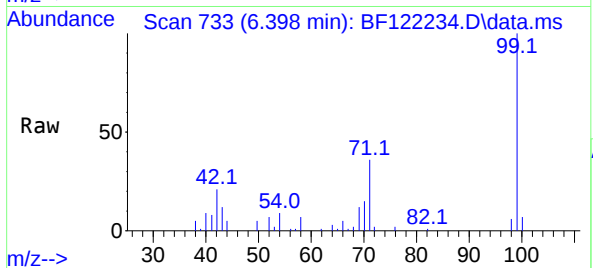
#7
Phenol-d6
Concen: 13.15 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.029 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:	99	Resp:	92000
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.9	23.9
71	35.6	27.1	40.7

Instrument :
BNA_F
ClientSampled :
S-5DL

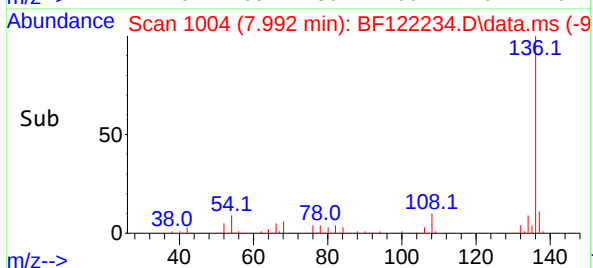
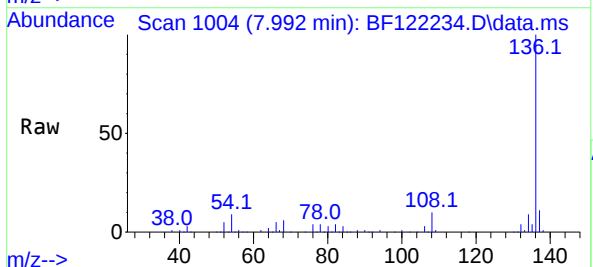
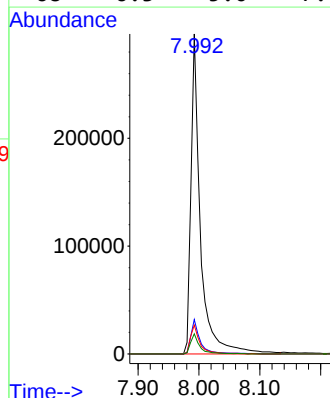
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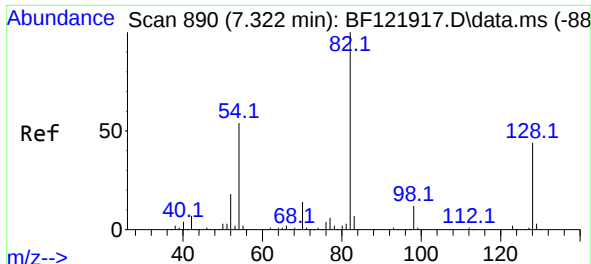
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:	136	Resp:	320852
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.1	10.7
68	6.3	5.0	7.4





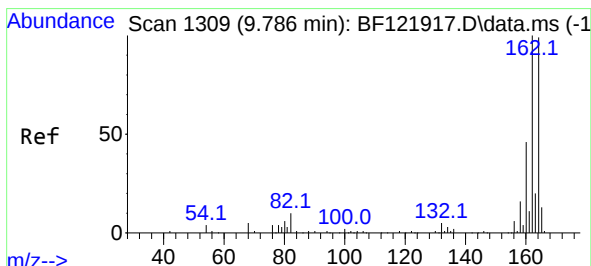
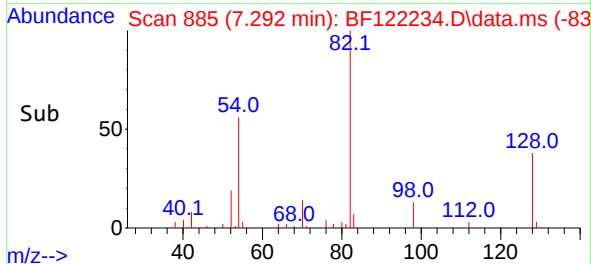
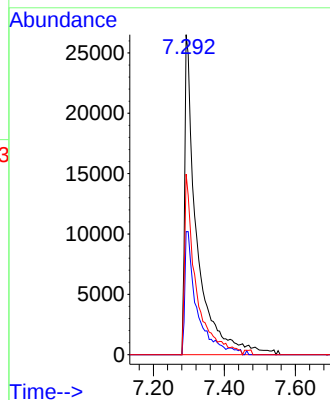
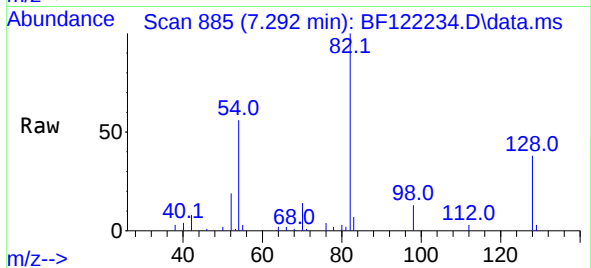
#23
Nitrobenzene-d5
Concen: 9.98 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:	82	Resp:	62438
Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.0	52.4
54	56.5	43.9	65.9

Instrument :
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ClientSampled :
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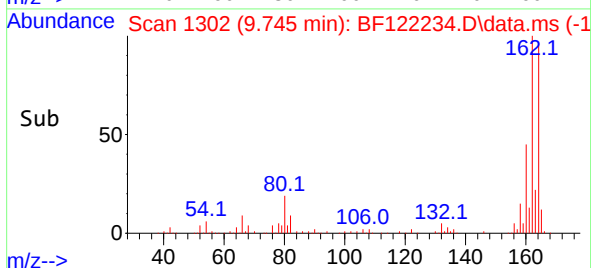
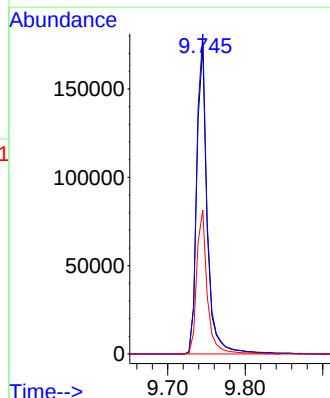
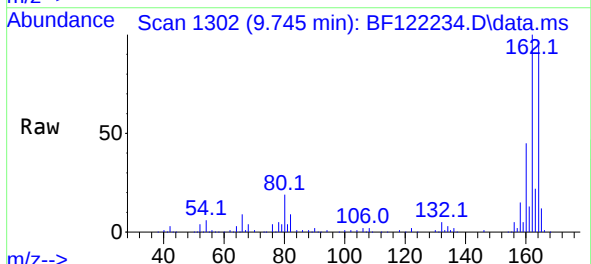
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

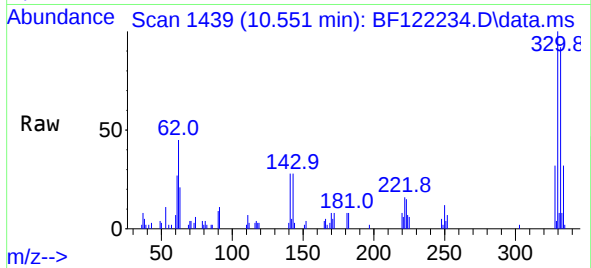
Tgt Ion:	164	Resp:	163727
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.2	124.8
160	46.8	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 10.83 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

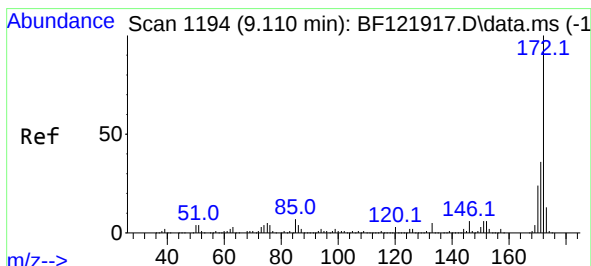
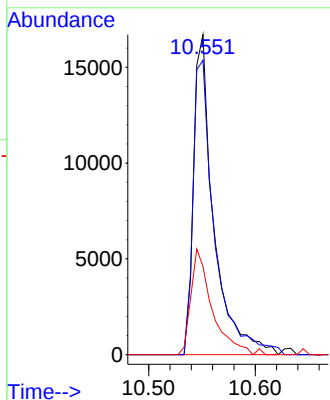
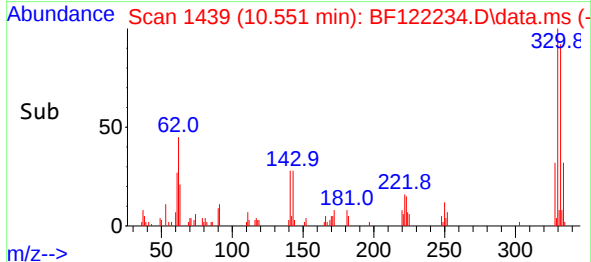
Instrument :
BNA_F
ClientSampled :
S-5DL



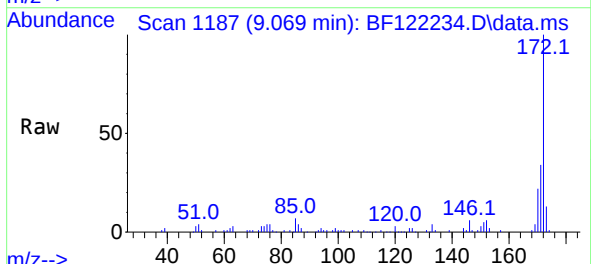
Tgt Ion:330 Resp: 21944
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 35.1 22.3 33.5#

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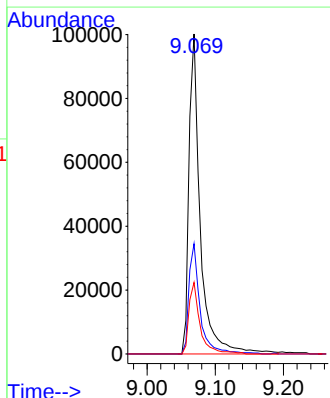
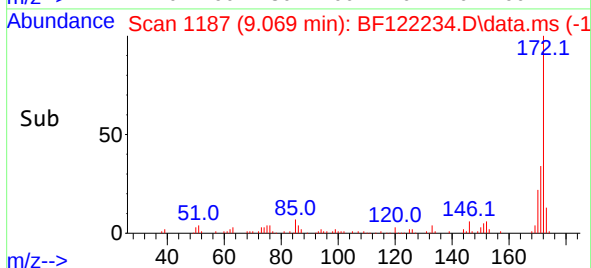
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#45
2-Fluorobiphenyl
Concen: 10.32 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28



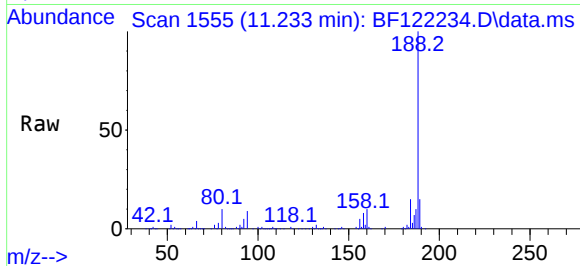
Tgt Ion:172 Resp: 114817
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 22.4 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

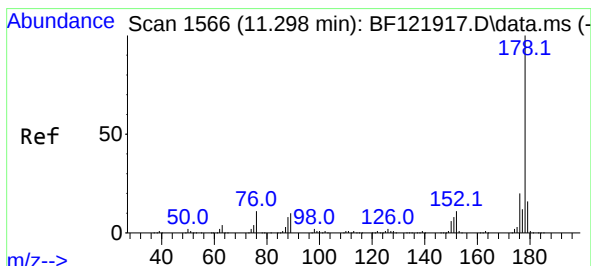
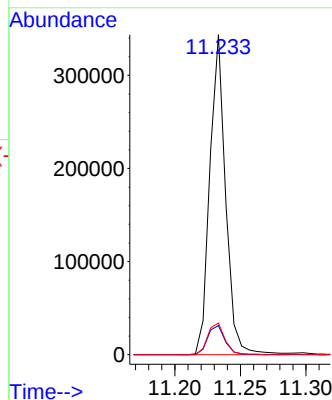
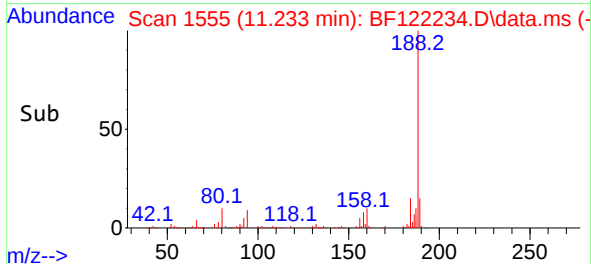
Instrument :
BNA_F
ClientSampleId :
S-5DL



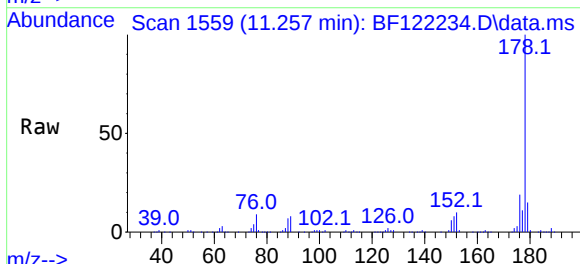
Tgt Ion:188 Resp: 288684
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.9 9.1 13.7

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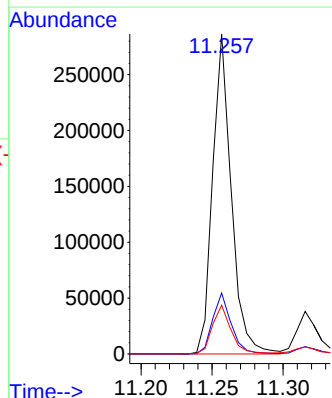
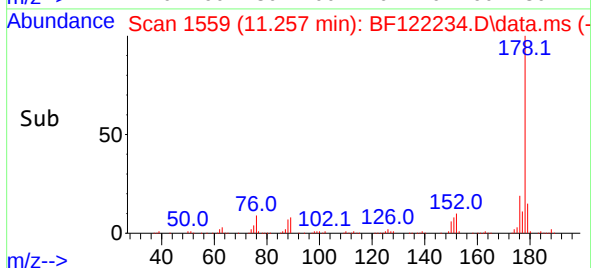
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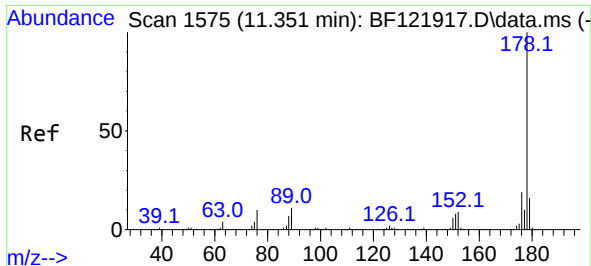


#71
Phenanthrene
Concen: 16.57 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

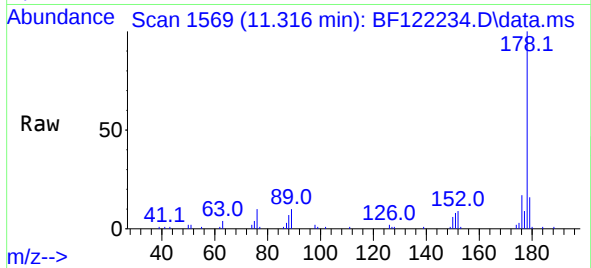


Tgt Ion:178 Resp: 262268
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.3 12.2 18.4

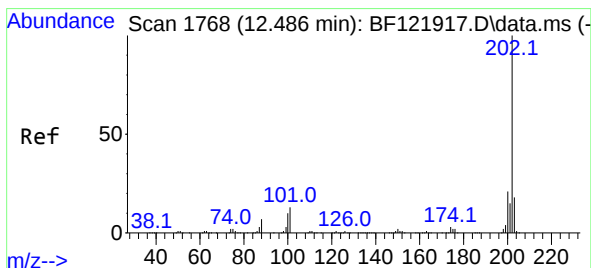
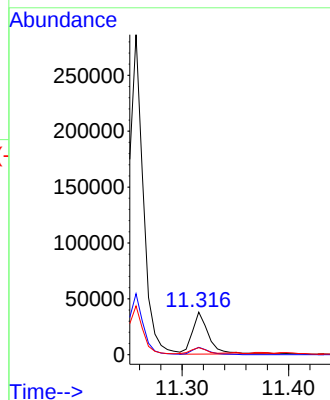
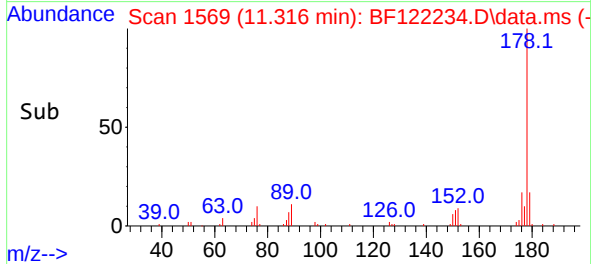




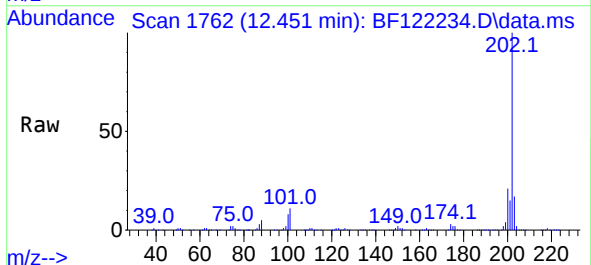
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Anthracene
Concen: 2.42 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28



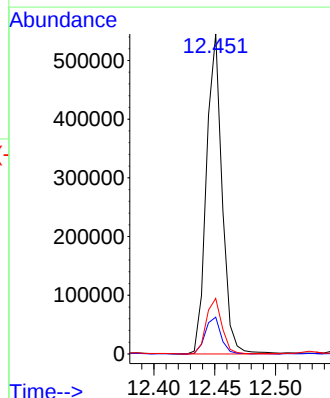
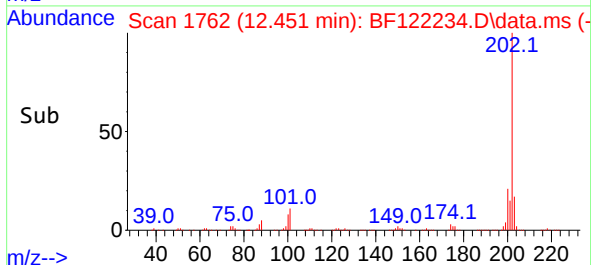
Tgt Ion:178 Resp: 39729
Ion Ratio Lower Upper
178 100
176 17.3 15.7 23.5
179 16.4 12.7 19.1



#75
Fluoranthene
Concen: 28.72 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28



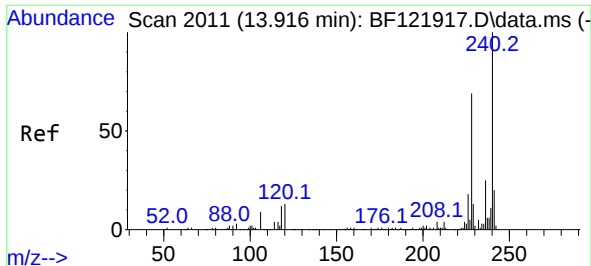
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Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 17.4 0.0 37.9



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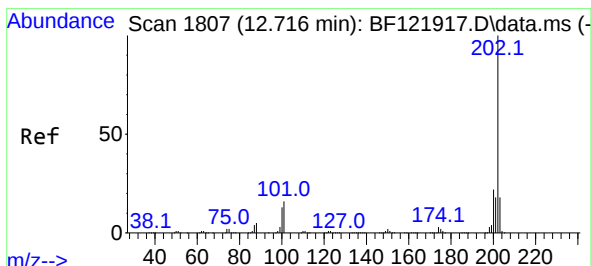
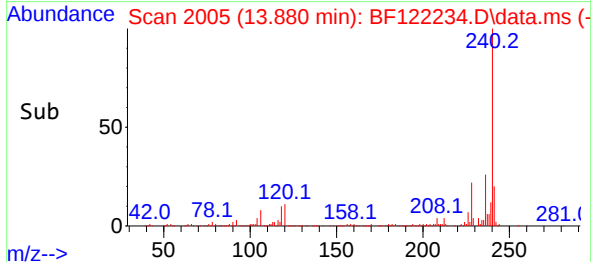
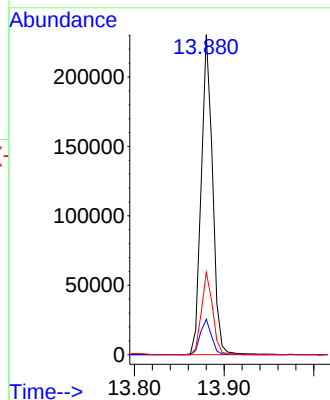
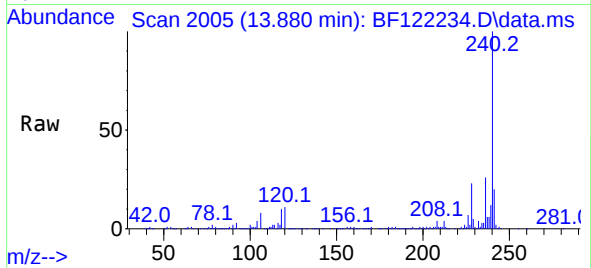
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:240 Resp: 202048
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.7 20.9 31.3

Instrument :
BNA_F
ClientSampleId :
S-5DL

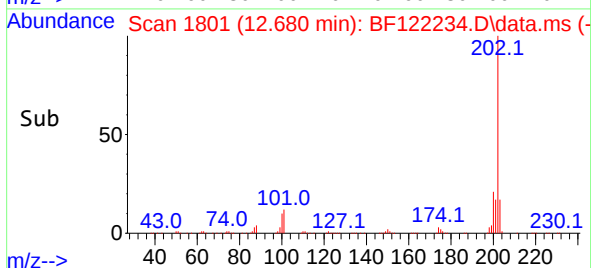
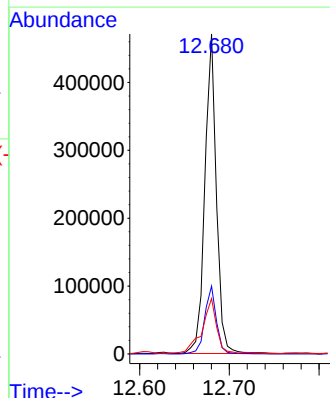
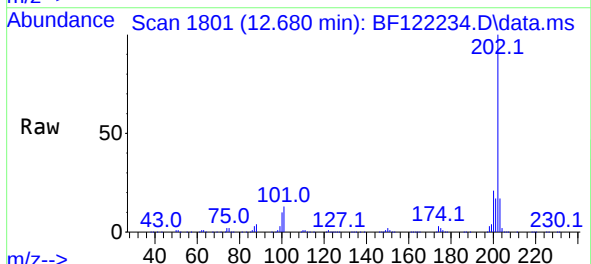
Manual Integrations
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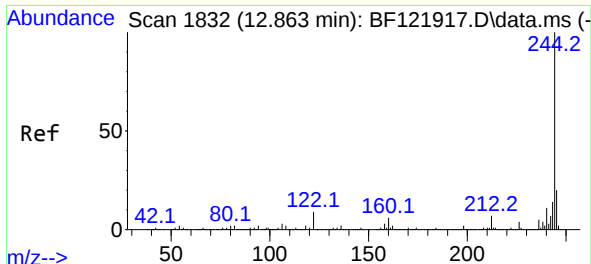
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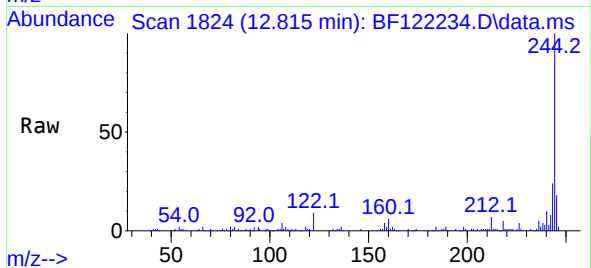
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Pyrene
Concen: 27.22 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:202 Resp: 419111
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.3 14.6 21.8

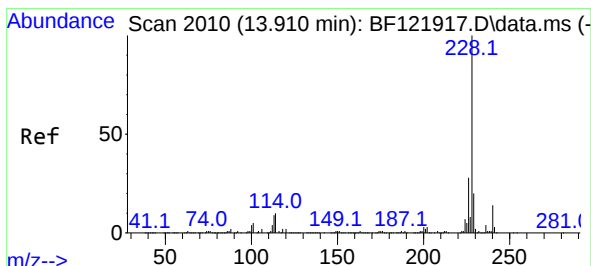
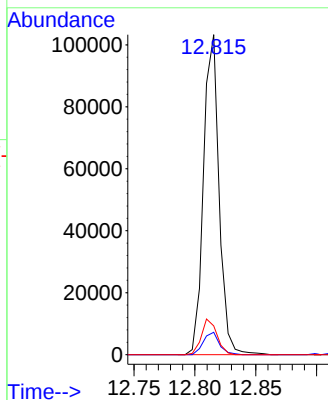
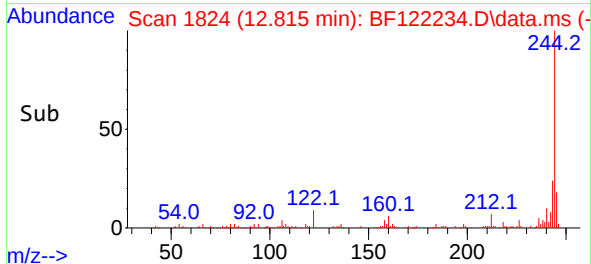




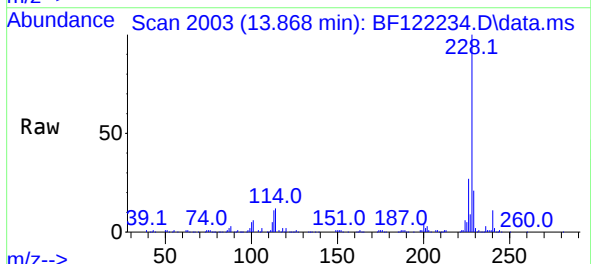
#79
 Terphenyl-d14
 Concen: 8.67 ng
 RT: 12.815 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122234.D
 Acq: 2 Nov 2020 19:28



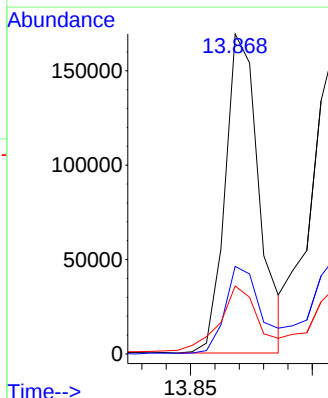
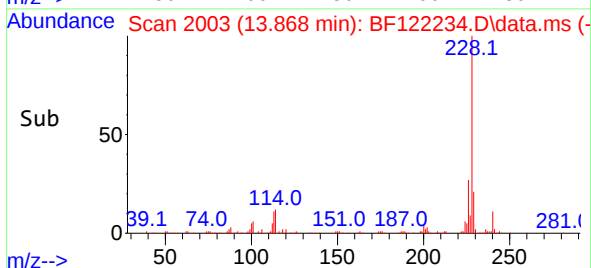
Tgt Ion:244 Resp: 91871
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.0 8.1 12.1



#81
 Benzo(a)anthracene
 Concen: 12.42 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: BF122234.D
 Acq: 2 Nov 2020 19:28



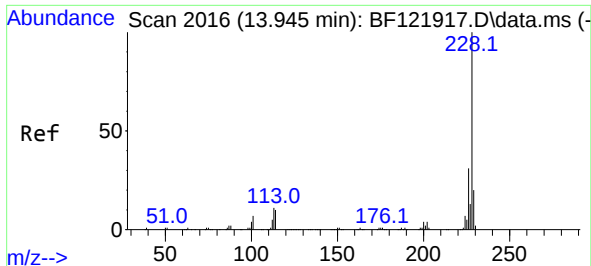
Tgt Ion:228 Resp: 164434
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.3 33.5
 229 21.3 16.2 24.4



Instrument :
 BNA_F
 ClientSampleId :
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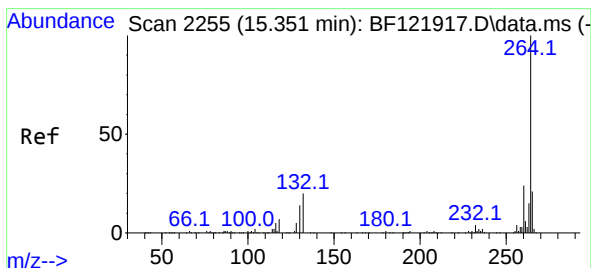
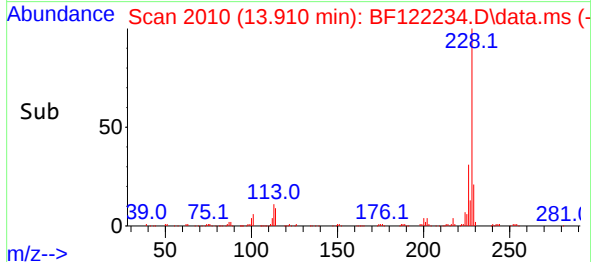
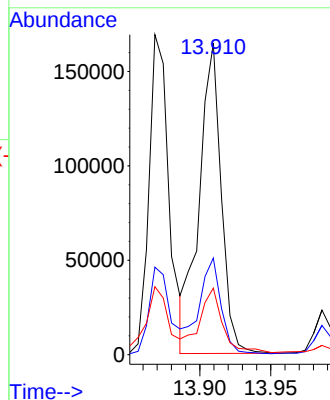
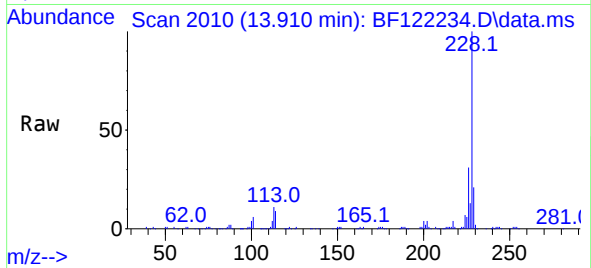
#83
Chrysene
Concen: 13.74 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:228 Resp: 178534
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 21.4 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
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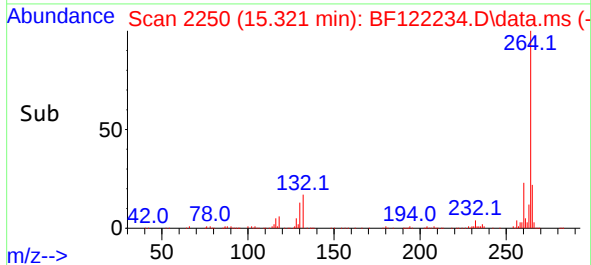
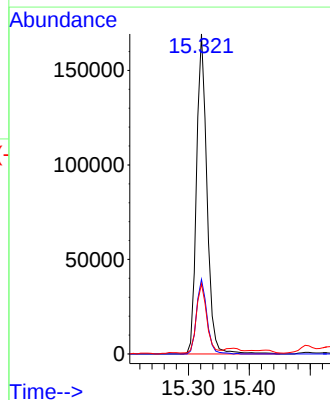
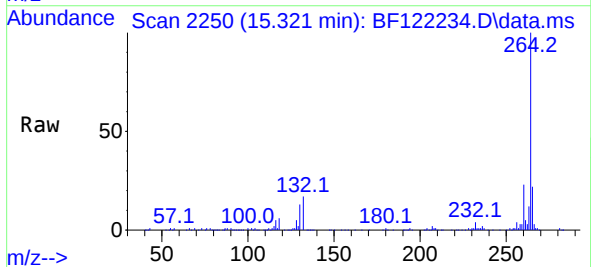
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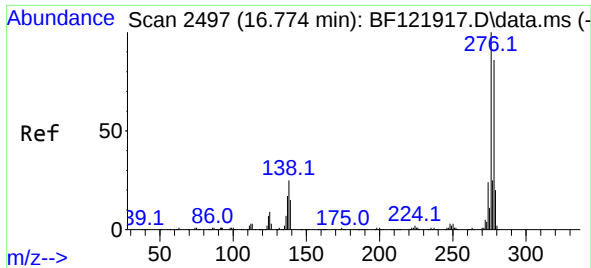
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:264 Resp: 201400
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.9 17.3 25.9





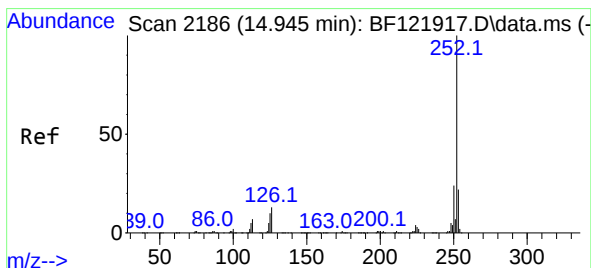
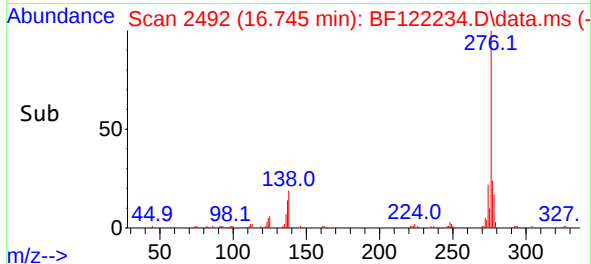
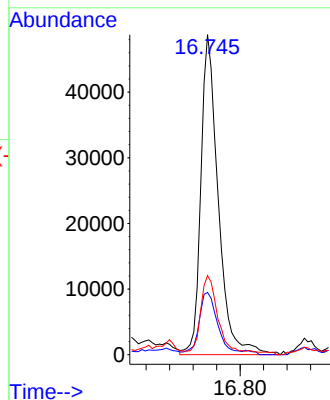
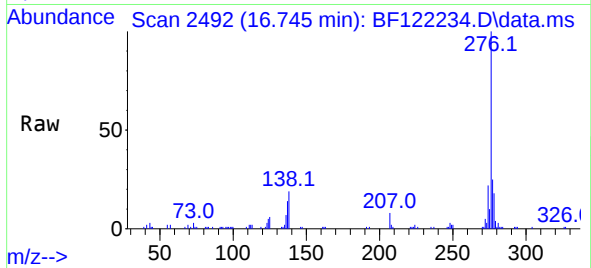
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.65 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.9	29.9#
277	26.0	20.4	30.6

Instrument :
BNA_F
ClientSampleId :
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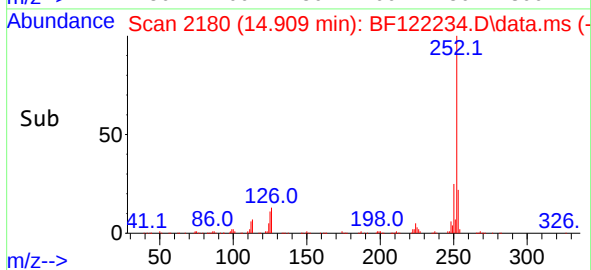
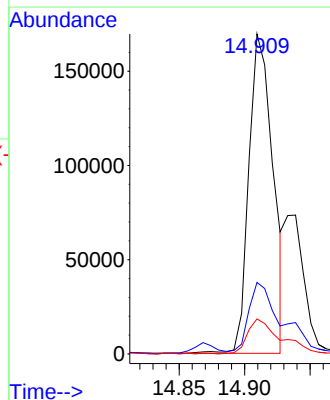
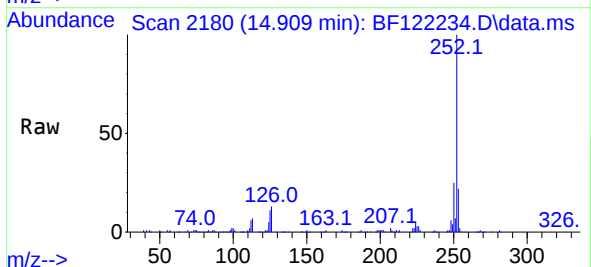
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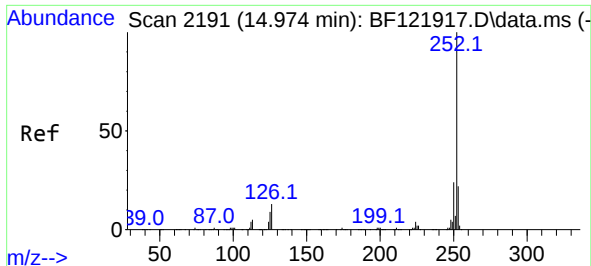
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#88
Benzo(b)fluoranthene
Concen: 16.03 ng m
RT: 14.909 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.9	8.0	12.0





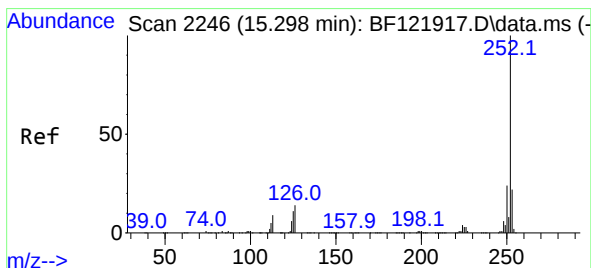
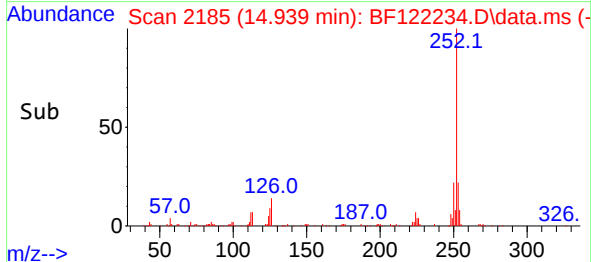
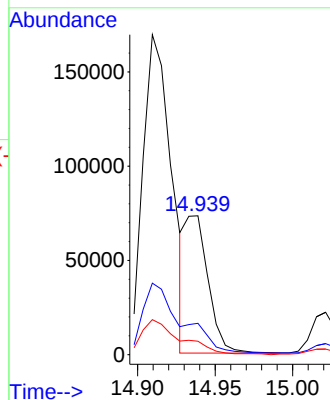
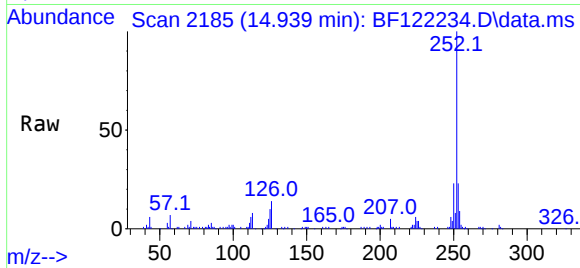
#89
Benzo(k)fluoranthene
Concen: 5.76 ng m
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:252 Resp: 74434
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.7 7.7 11.5

Instrument :
BNA_F
ClientSampled :
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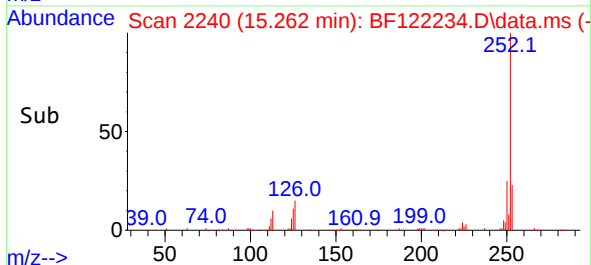
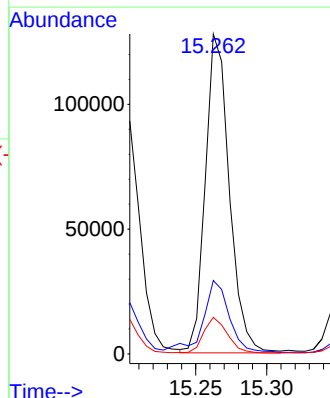
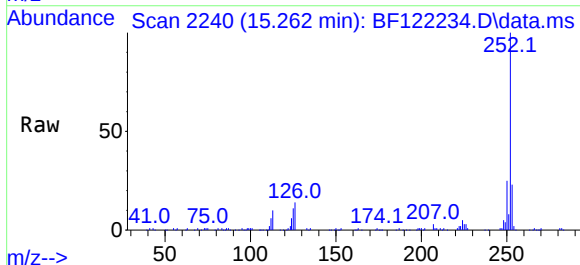
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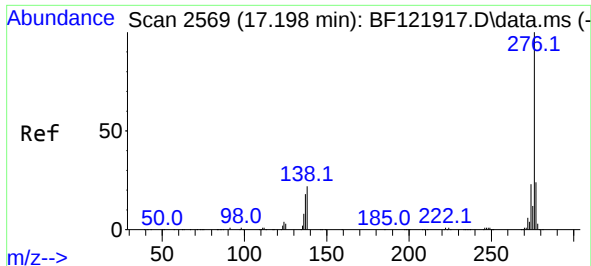
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#90
Benzo(a)pyrene
Concen: 12.76 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion:252 Resp: 150025
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.5 8.6 13.0





#92
Benzo(g,h,i)perylene
Concen: 8.79 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122234.D
Acq: 2 Nov 2020 19:28

Tgt Ion: 276 Resp: 94703

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	20.6	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
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