

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122253.D
 Acq On : 3 Nov 2020 21:38
 Operator : JU/CG
 Sample : L4600-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-6

Manual Integrations
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Quant Time: Nov 04 01:08:26 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	77432	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	301374	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	149572	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	264361	20.00	ng	0.00
76) Chrysene-d12	13.880	240	185107	20.00	ng	0.00
86) Perylene-d12	15.321	264	206453	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	524435	99.96	ng	0.00
7) Phenol-d6	6.369	99	655987	97.13	ng	0.00
23) Nitrobenzene-d5	7.281	82	415477	70.70	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	166075	89.76	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	740418	72.84	ng	-0.01
79) Terphenyl-d14	12.816	244	634809	65.36	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.387	94	32476	4.66	ng	# 77
50) Dimethylphthalate	9.469	163	152321	13.93	ng	100
75) Fluoranthene	12.451	202	60098	3.87	ng	100
78) Pyrene	12.680	202	64876	4.60	ng	99
81) Benzo(a)anthracene	13.874	228	50934	4.20	ng	96
83) Chrysene	13.910	228	52953	4.45	ng	99
87) Indeno(1,2,3-cd)pyrene	16.756	276	50728	3.78	ng	96
88) Benzo(b)fluoranthene	14.915	252	140984m	10.10	ng	
89) Benzo(k)fluoranthene	14.939	252	31752m	2.40	ng	
90) Benzo(a)pyrene	15.268	252	72021	5.98	ng	99
92) Benzo(g,h,i)perylene	17.192	276	46321	4.19	ng	98

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

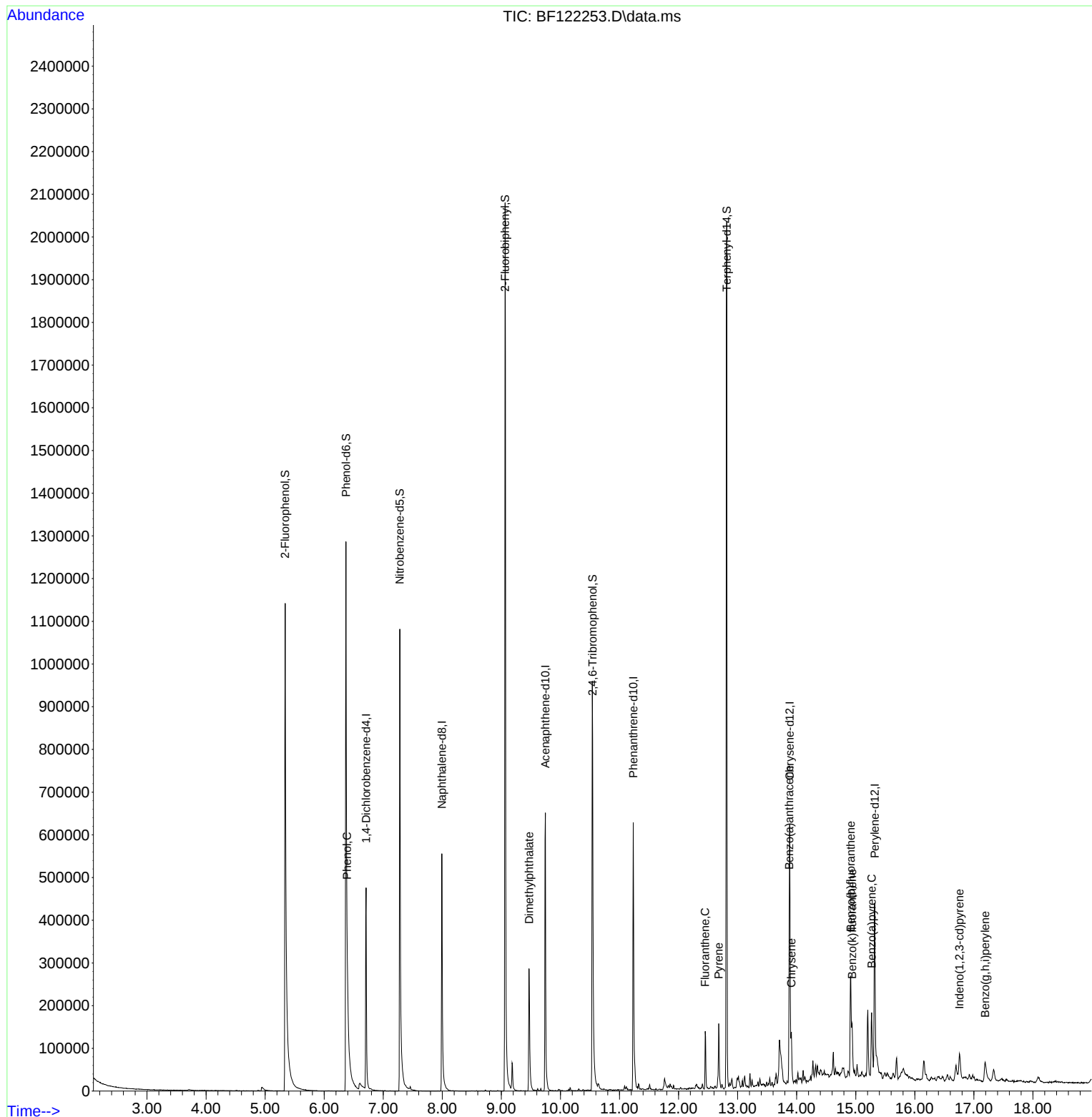
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Data File : BF122253.D
Acq On : 3 Nov 2020 21:38
Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

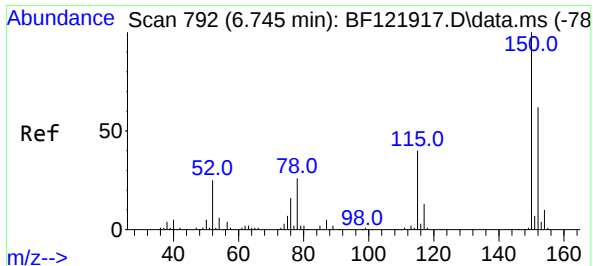
Instrument :
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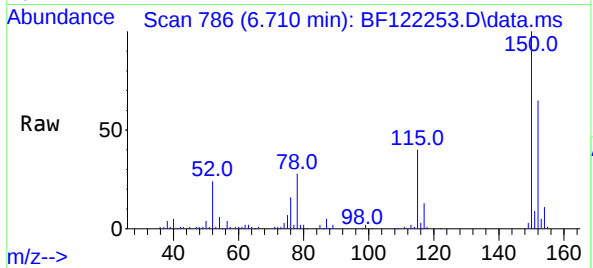
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Quant Time: Nov 04 01:08:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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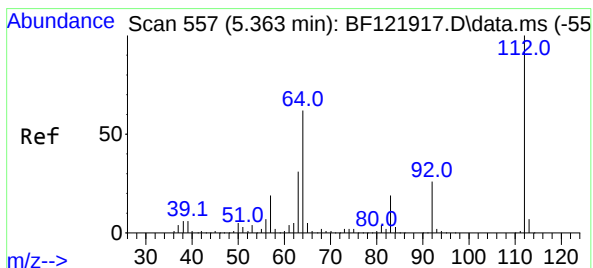
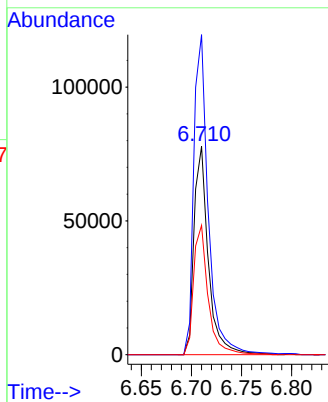
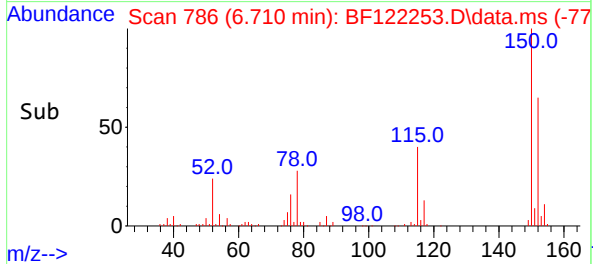




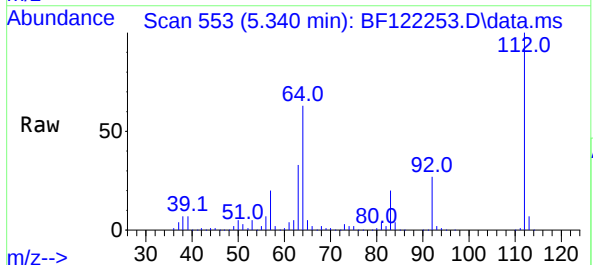
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



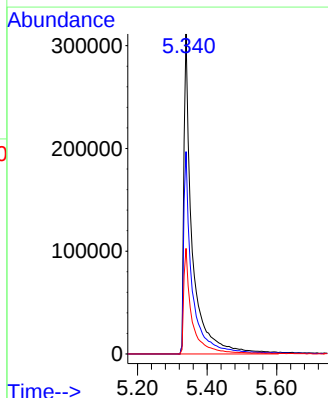
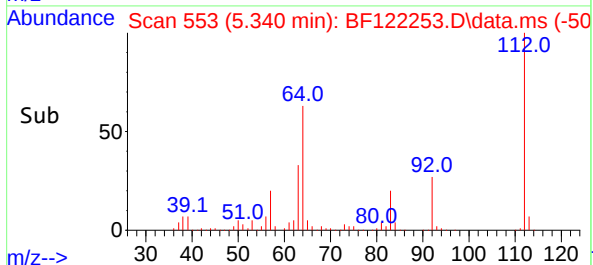
Tgt Ion:152 Resp: 77432
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 62.1 51.9 77.9



#5
2-Fluorophenol
Concen: 99.96 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



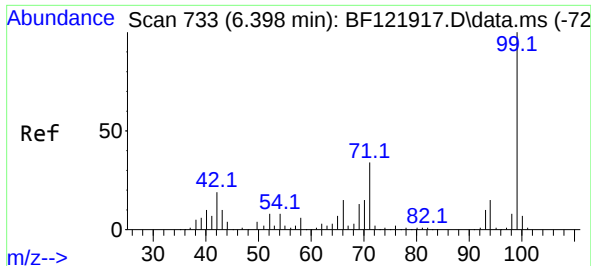
Tgt Ion:112 Resp: 524435
Ion Ratio Lower Upper
112 100
64 63.2 50.4 75.6
63 33.0 25.8 38.6



Instrument :
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ClientSampled :
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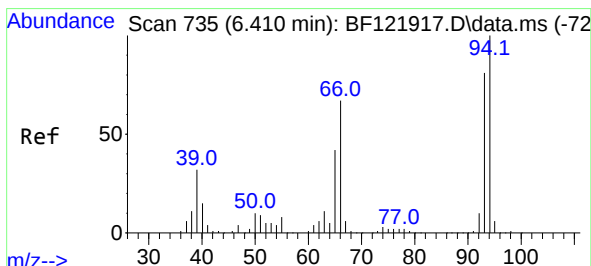
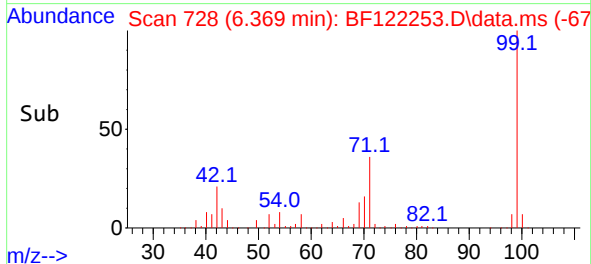
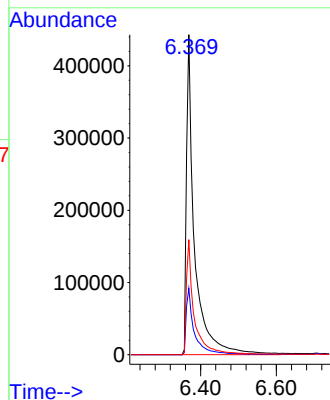
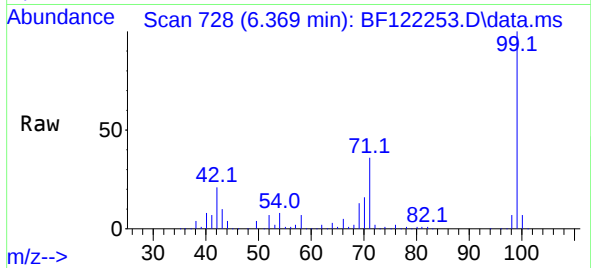
#7
Phenol-d6
Concen: 97.13 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion: 99 Resp: 655987
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.9 27.1 40.7

Instrument :
BNA_F
ClientSampled :
CRT-6

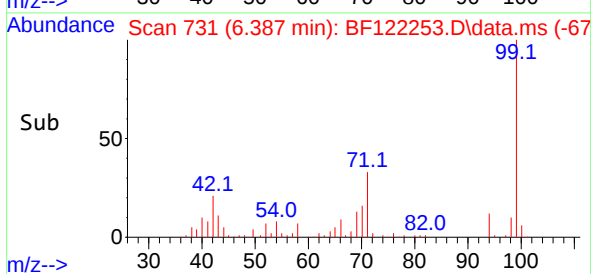
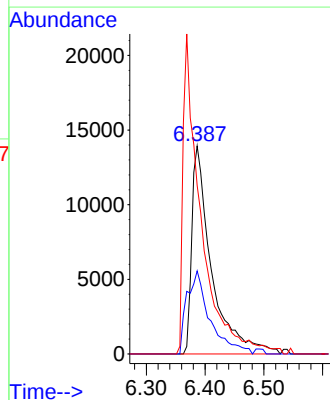
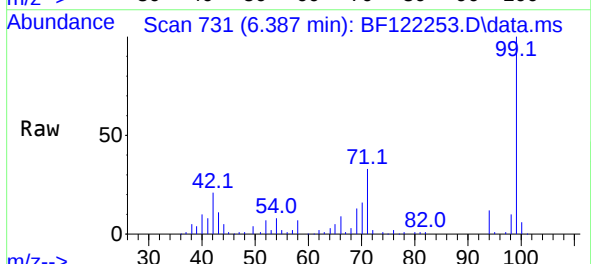
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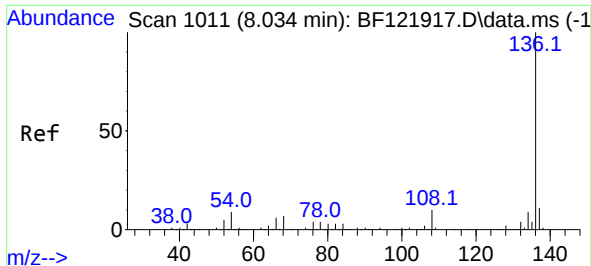
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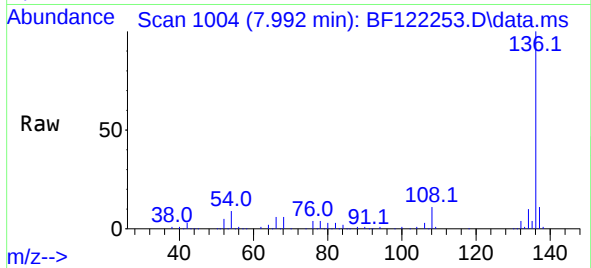
#10
Phenol
Concen: 4.66 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion: 94 Resp: 32476
Ion Ratio Lower Upper
94 100
65 39.9 17.1 57.1
66 81.0 36.0 76.0#

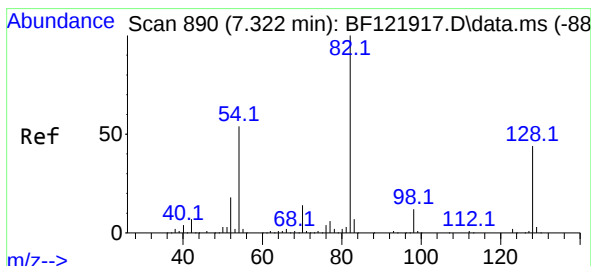
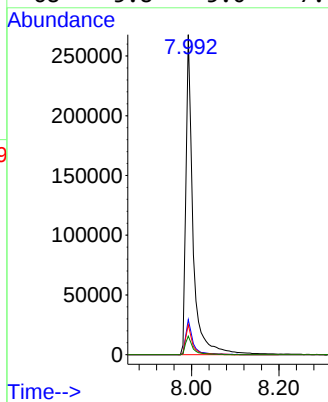
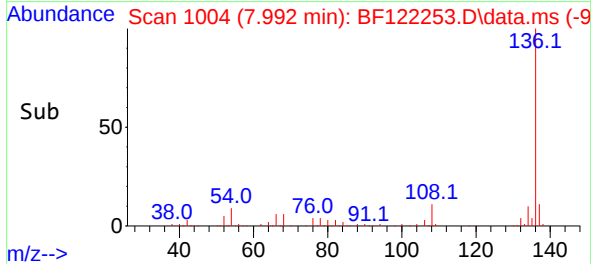




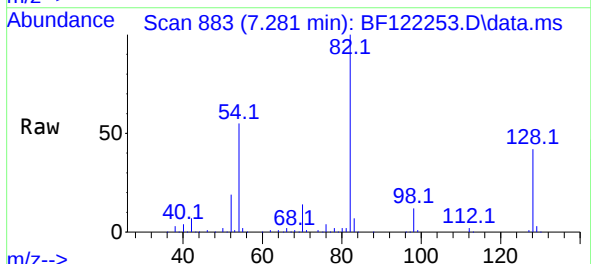
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



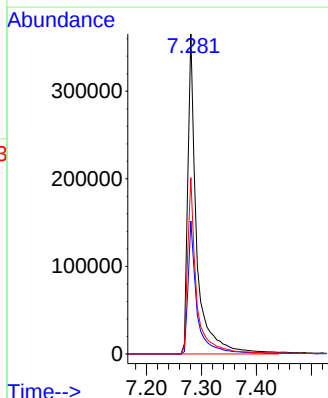
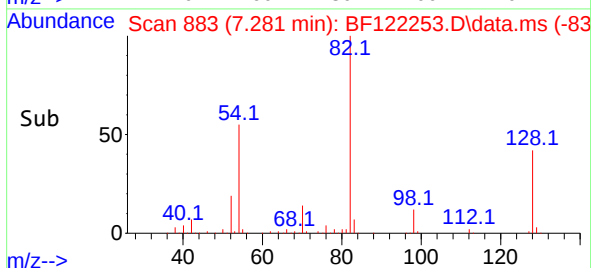
Tgt Ion:136 Resp: 301374
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.1 10.7
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 70.70 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



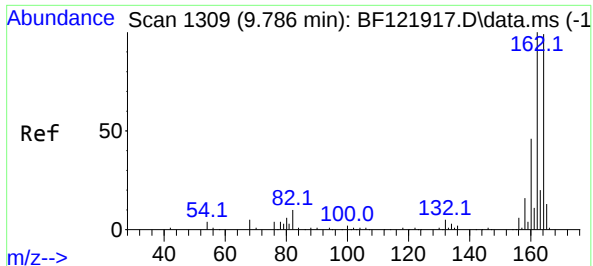
Tgt Ion: 82 Resp: 415477
Ion Ratio Lower Upper
82 100
128 41.6 35.0 52.4
54 55.1 43.9 65.9



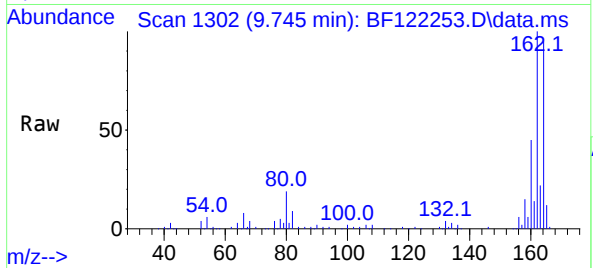
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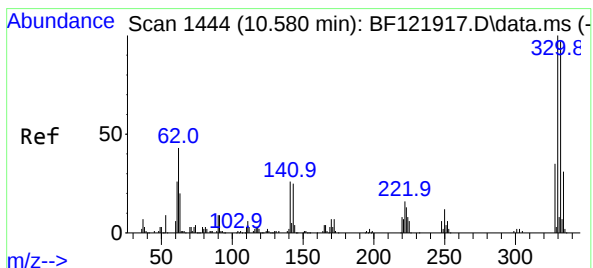
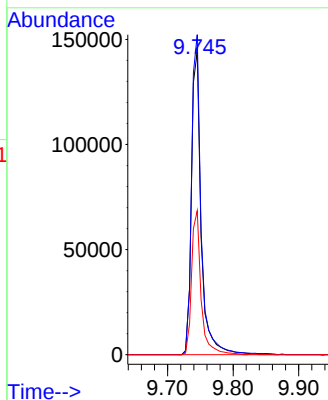
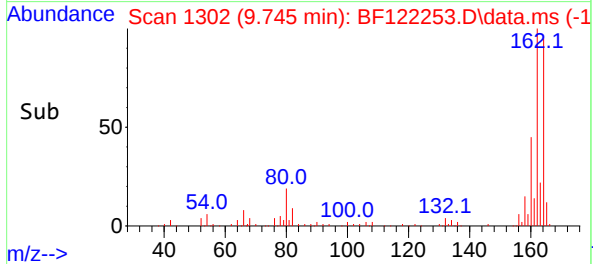
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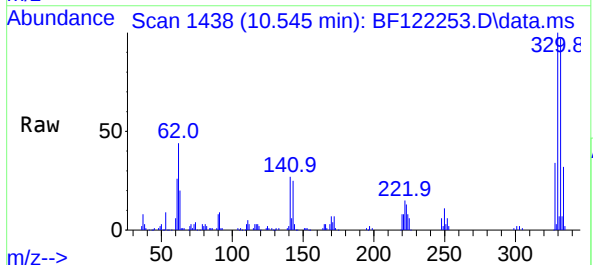
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



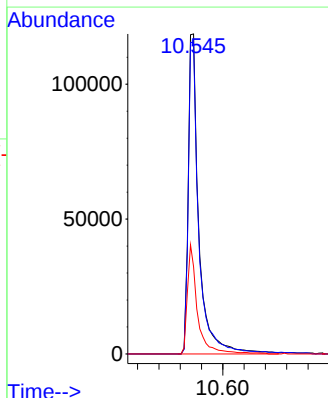
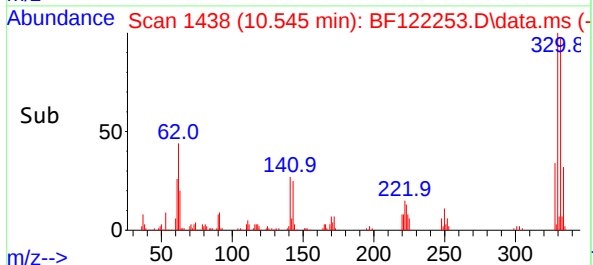
Tgt Ion:164 Resp: 149572
Ion Ratio Lower Upper
164 100
162 105.4 83.2 124.8
160 47.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 89.76 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



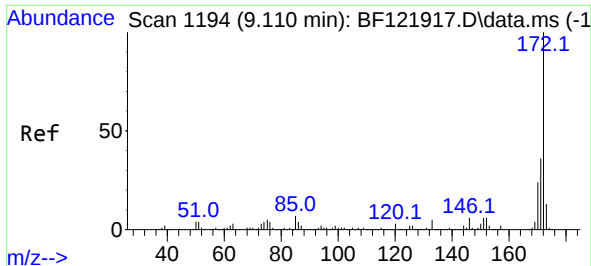
Tgt Ion:330 Resp: 166075
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 32.1 22.3 33.5



Instrument :
BNA_F
ClientSampleId :
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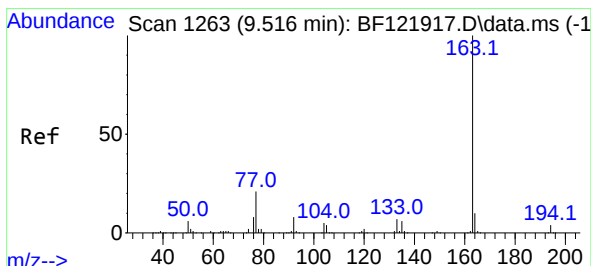
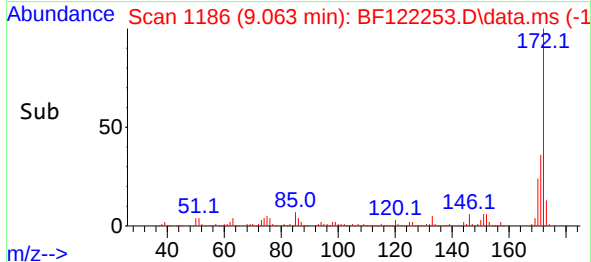
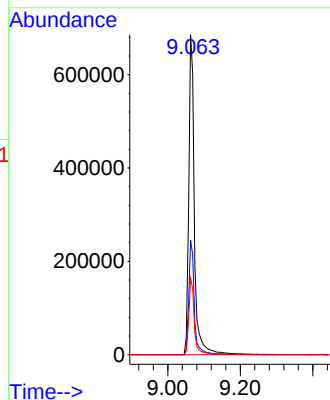
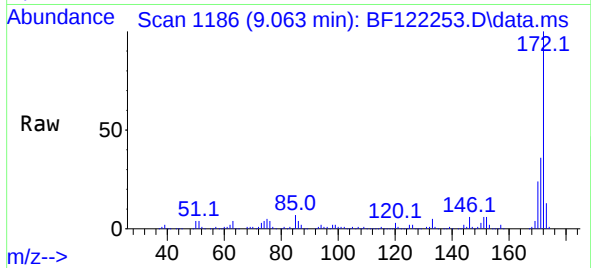
#45
2-Fluorobiphenyl
Concen: 72.84 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Instrument :
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ClientSampled :
CRT-6

Tgt Ion:172 Resp: 740418
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.8 19.8 29.6

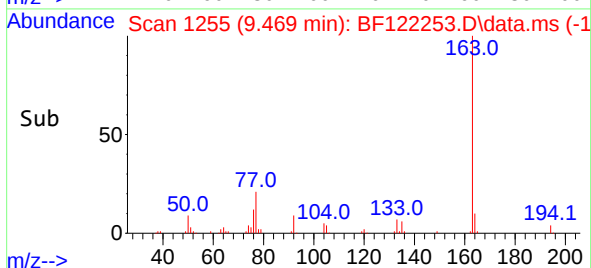
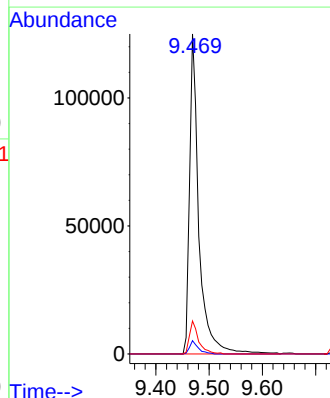
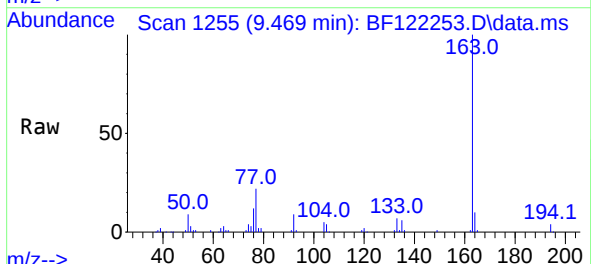
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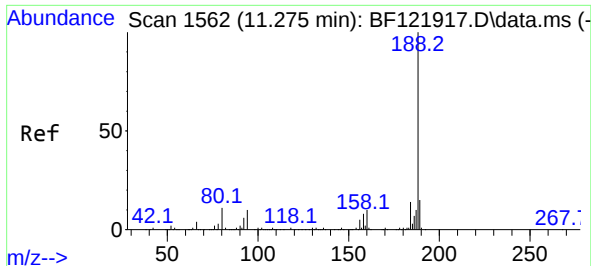
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#50
Dimethylphthalate
Concen: 13.93 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

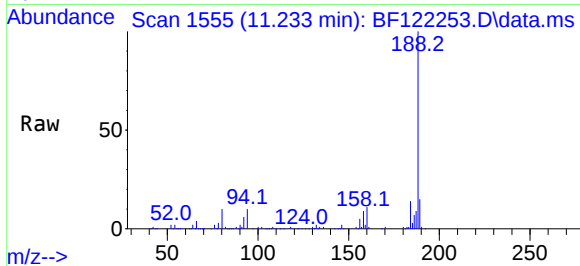
Tgt Ion:163 Resp: 152321
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

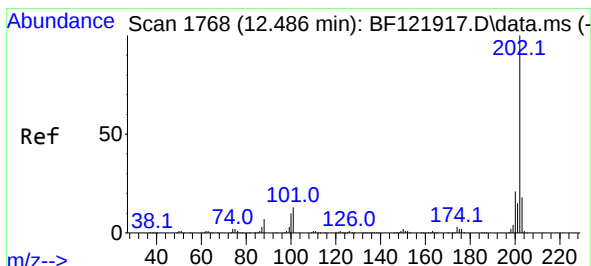
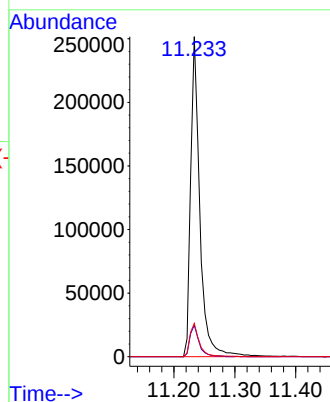
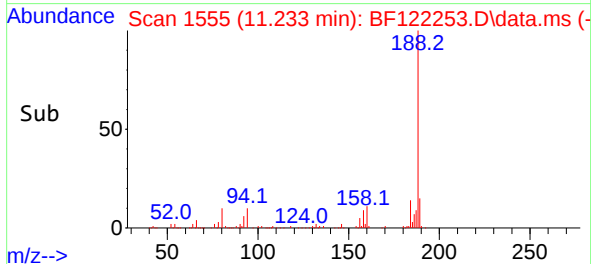
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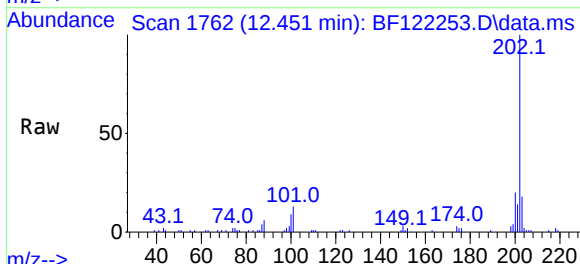
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Ion Ratio Lower Upper
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94 9.8 8.3 12.5
80 10.4 9.1 13.7

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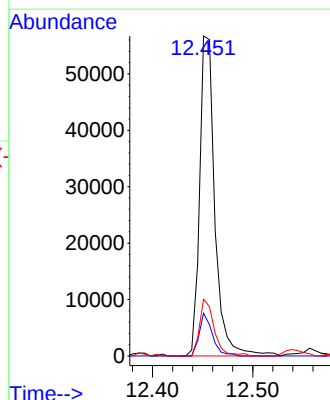
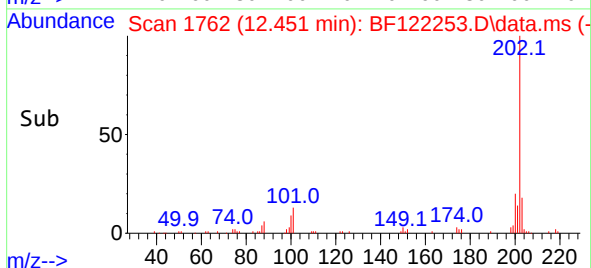
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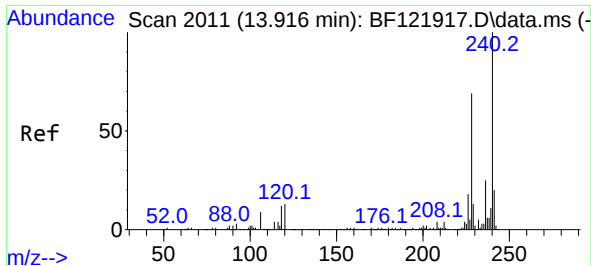


#75
Fluoranthene
Concen: 3.87 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



Tgt Ion:202 Resp: 60098
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.4
203 17.7 0.0 37.9





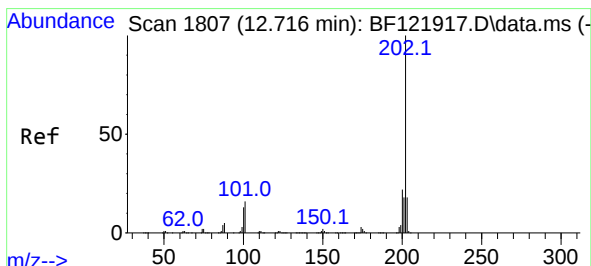
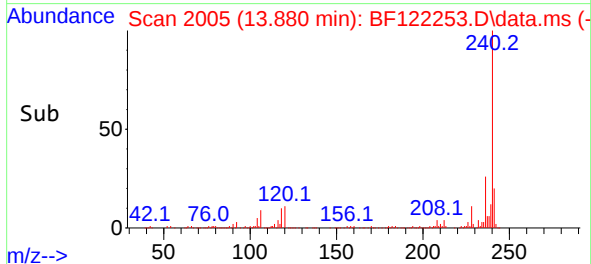
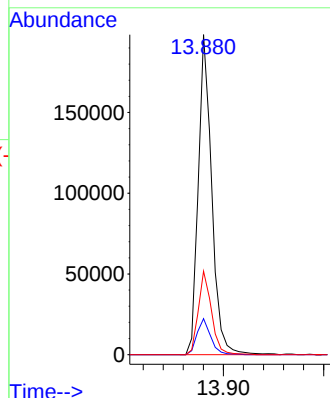
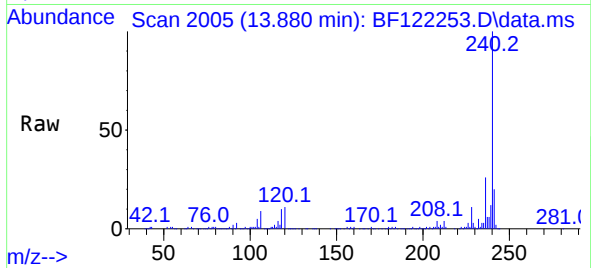
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:240 Resp: 185107
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.1 20.9 31.3

Instrument :
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ClientSampled :
CRT-6

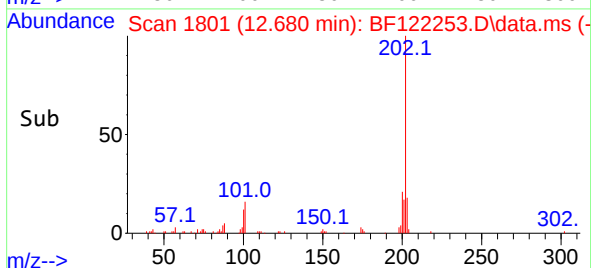
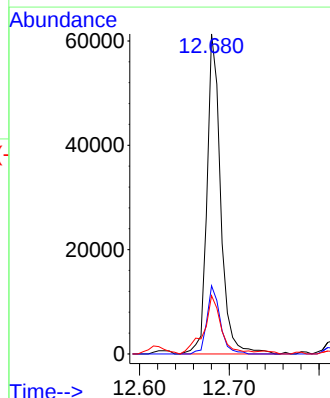
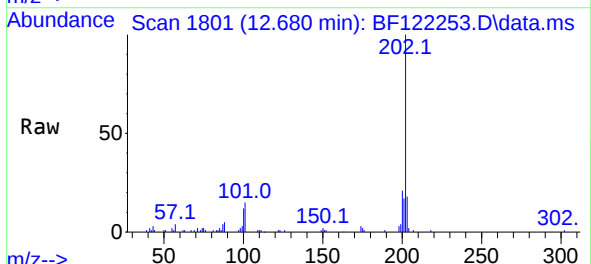
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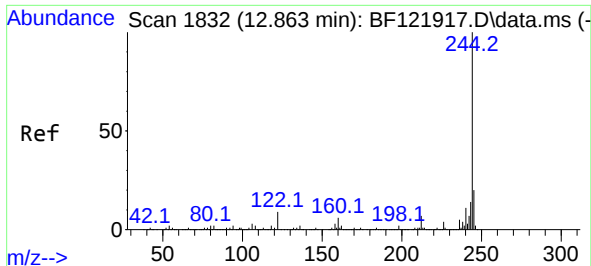
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#78
Pyrene
Concen: 4.60 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

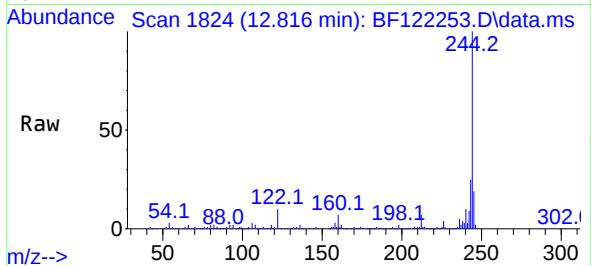
Tgt Ion:202 Resp: 64876
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 65.36 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

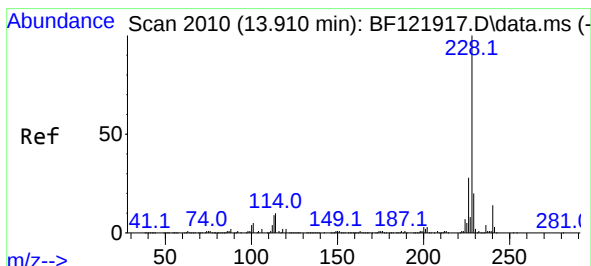
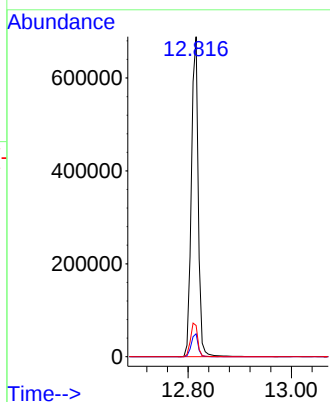
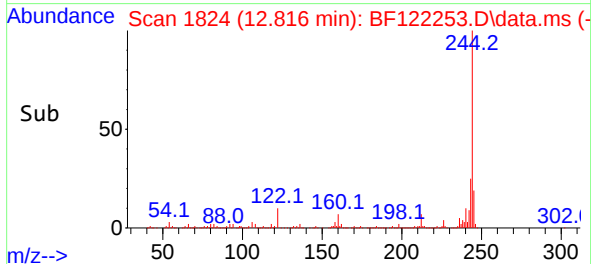
Instrument :
BNA_F
ClientSampled :
CRT-6



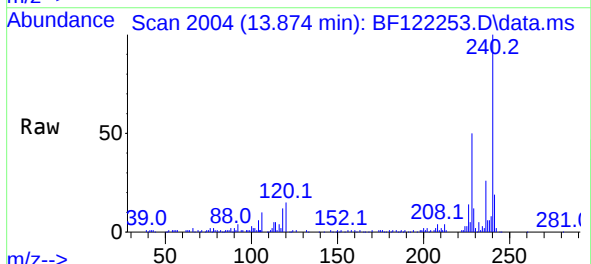
Tgt Ion:244 Resp: 634809
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.8 8.1 12.1

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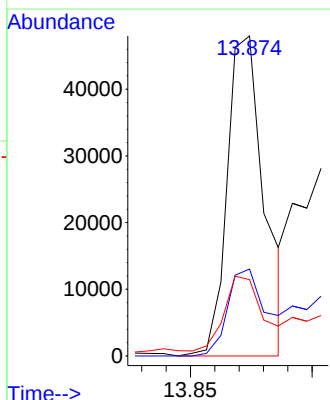
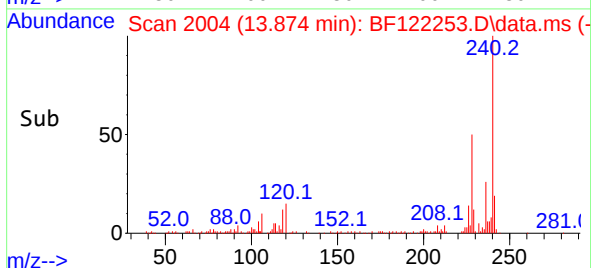
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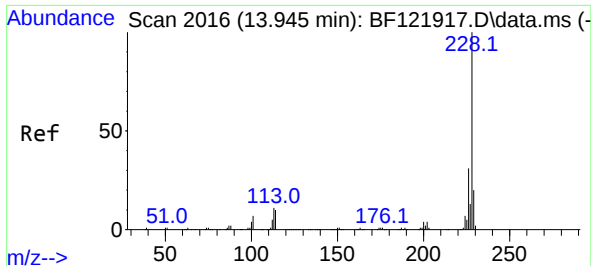


#81
Benzo(a)anthracene
Concen: 4.20 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38



Tgt Ion:228 Resp: 50934
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 23.8 16.2 24.4





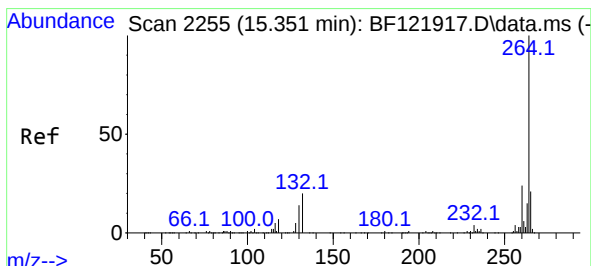
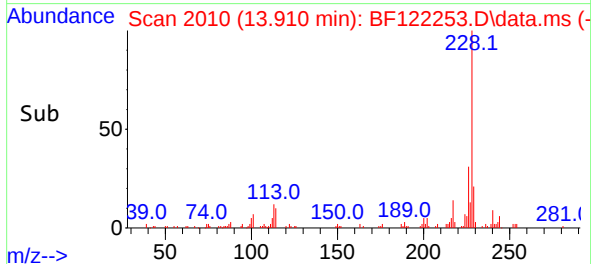
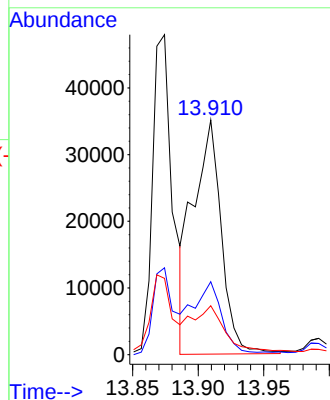
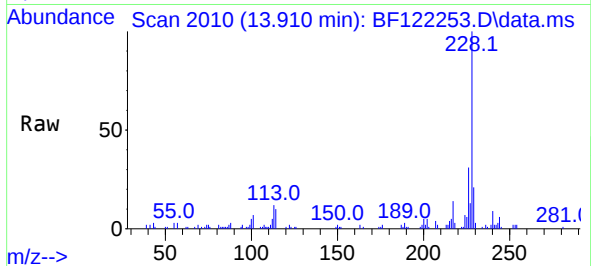
#83
Chrysene
Concen: 4.45 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	228	Resp:	52953
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	20.8	15.9	23.9

Instrument :
BNA_F
ClientSampled :
CRT-6

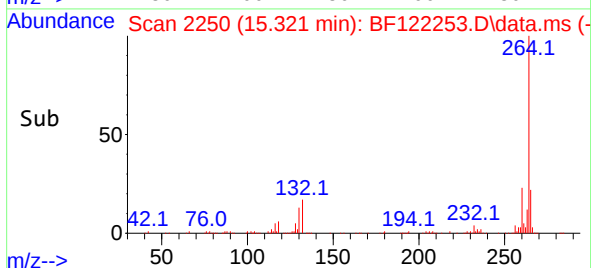
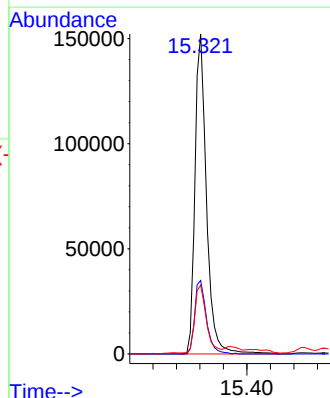
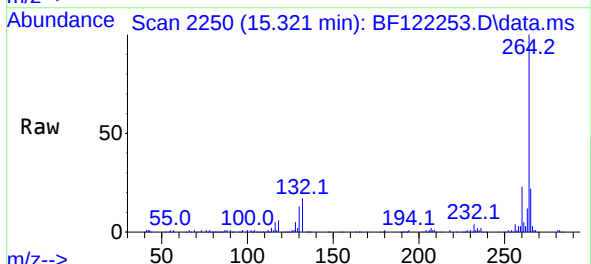
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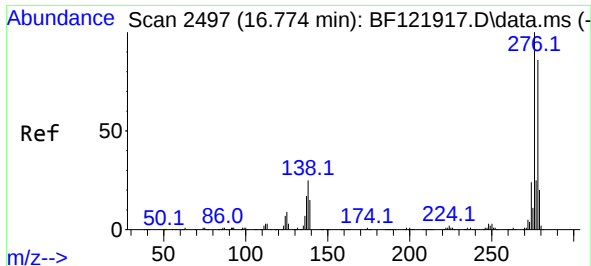
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	264	Resp:	206453
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	21.5	17.3	25.9





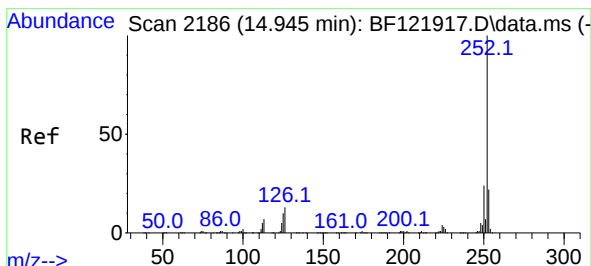
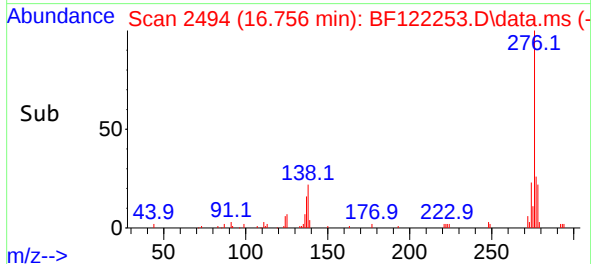
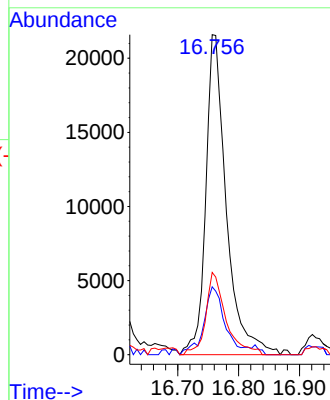
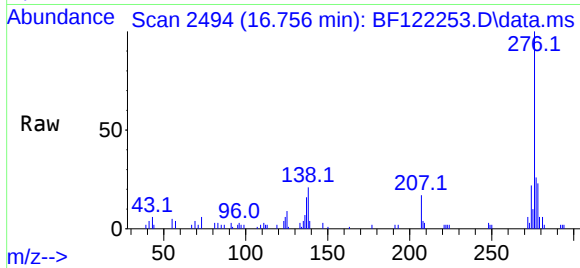
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.78 ng
RT: 16.756 min Scan# 2494
Delta R.T. 0.041 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	276	Resp:	50728
Ion Ratio	Lower	Upper	
276	100		
138	21.5	19.9	29.9
277	25.1	20.4	30.6

Instrument :
BNA_F
ClientSampled :
CRT-6

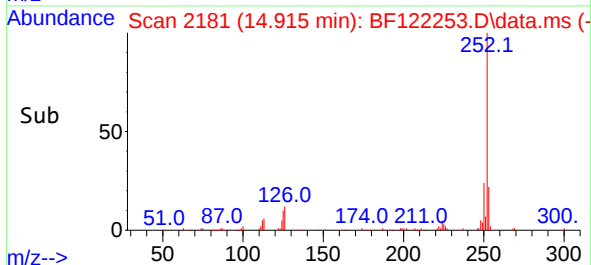
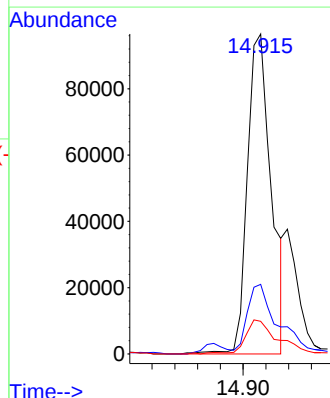
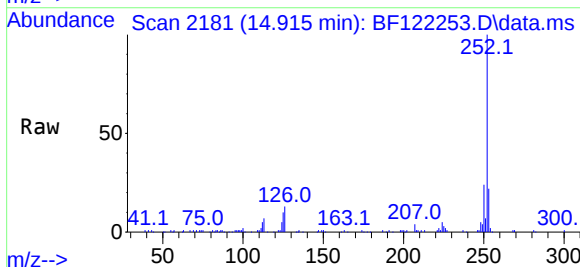
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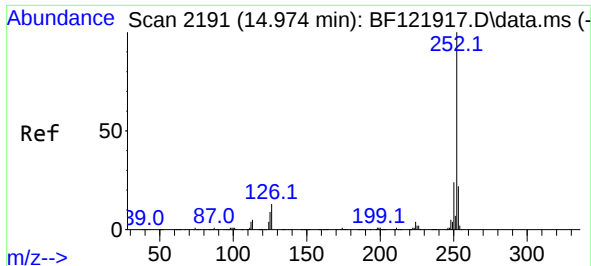
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#88
Benzo(b)fluoranthene
Concen: 10.10 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	252	Resp:	140984
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	10.2	8.0	12.0





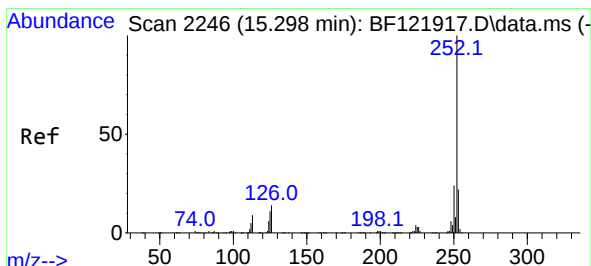
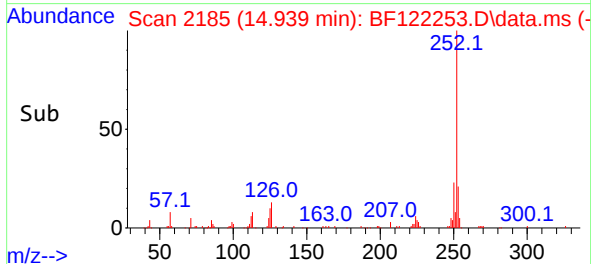
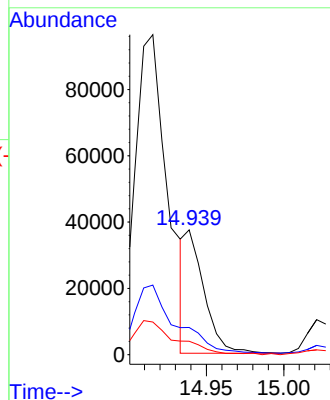
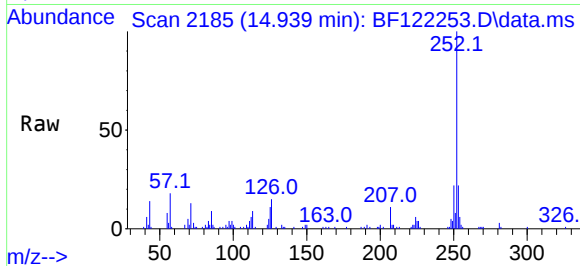
#89
Benzo(k)fluoranthene
Concen: 2.40 ng m
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	252	Resp:	31752
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	10.8	7.7	11.5

Instrument :
BNA_F
ClientSampled :
CRT-6

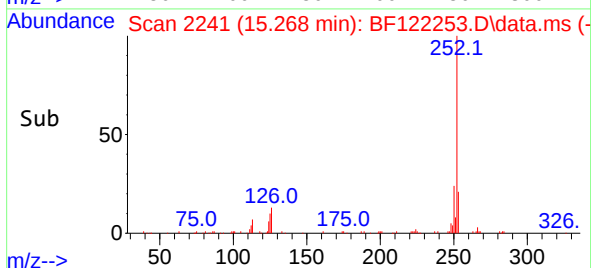
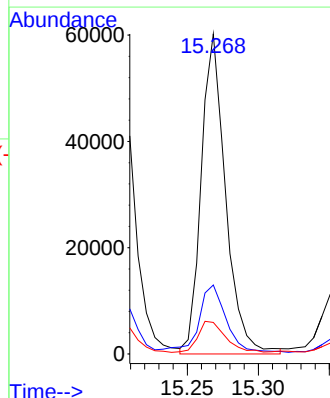
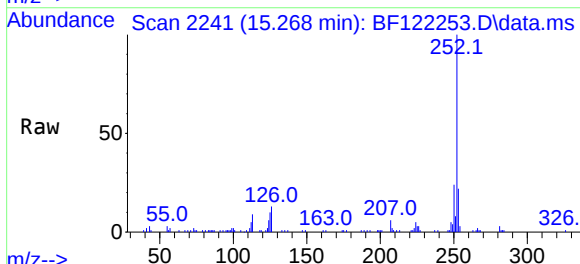
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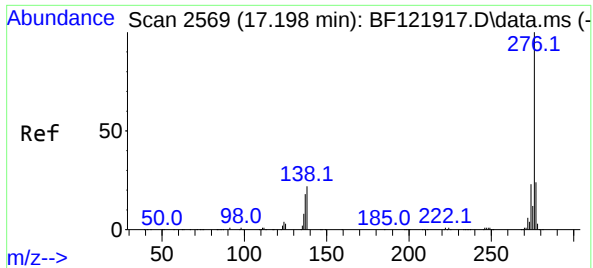
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#90
Benzo(a)pyrene
Concen: 5.98 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.018 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	252	Resp:	72021
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	9.8	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 4.19 ng
RT: 17.192 min Scan# 2568
Delta R.T. 0.059 min
Lab File: BF122253.D
Acq: 3 Nov 2020 21:38

Tgt Ion:	276	Resp:	46321
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.4	29.2
138	21.8	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
CRT-6

Manual Integrations
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