

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121968.D
 Acq On : 14 Oct 2020 20:40
 Operator : JU/CG
 Sample : L4226-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-101320

Manual Integrations
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Quant Time: Oct 15 01:23:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	110669	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	417521	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	202169	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	343598	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	244223	20.00	ng	-0.01
86) Perylene-d12	15.339	264	235899	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	603796	80.52	ng	0.00
7) Phenol-d6	6.387	99	772427	80.02	ng	-0.01
23) Nitrobenzene-d5	7.310	82	528912	64.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	162615	65.02	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	887793	64.61	ng	-0.01
79) Terphenyl-d14	12.845	244	737619	57.56	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	167816	11.35	ng	99
71) Phenanthrene	11.286	178	124144	6.59	ng	97
72) Anthracene	11.339	178	41831	2.14	ng	98
75) Fluoranthene	12.474	202	311130	15.40	ng	98
78) Pyrene	12.704	202	329365	17.70	ng	99
81) Benzo(a)anthracene	13.892	228	209501	13.09	ng	100
83) Chrysene	13.927	228	173330	11.03	ng	98
87) Indeno(1,2,3-cd)pyrene	16.745	276	103160	6.74	ng	96
88) Benzo(b)fluoranthene	14.927	252	240351m	15.07	ng	
89) Benzo(k)fluoranthene	14.951	252	69114m	4.56	ng	
90) Benzo(a)pyrene	15.280	252	171165	12.43	ng	98
91) Dibenzo(a,h)anthracene	16.745	278	31544	2.50	ng	# 95
92) Benzo(g,h,i)perylene	17.174	276	110152	8.73	ng	98

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

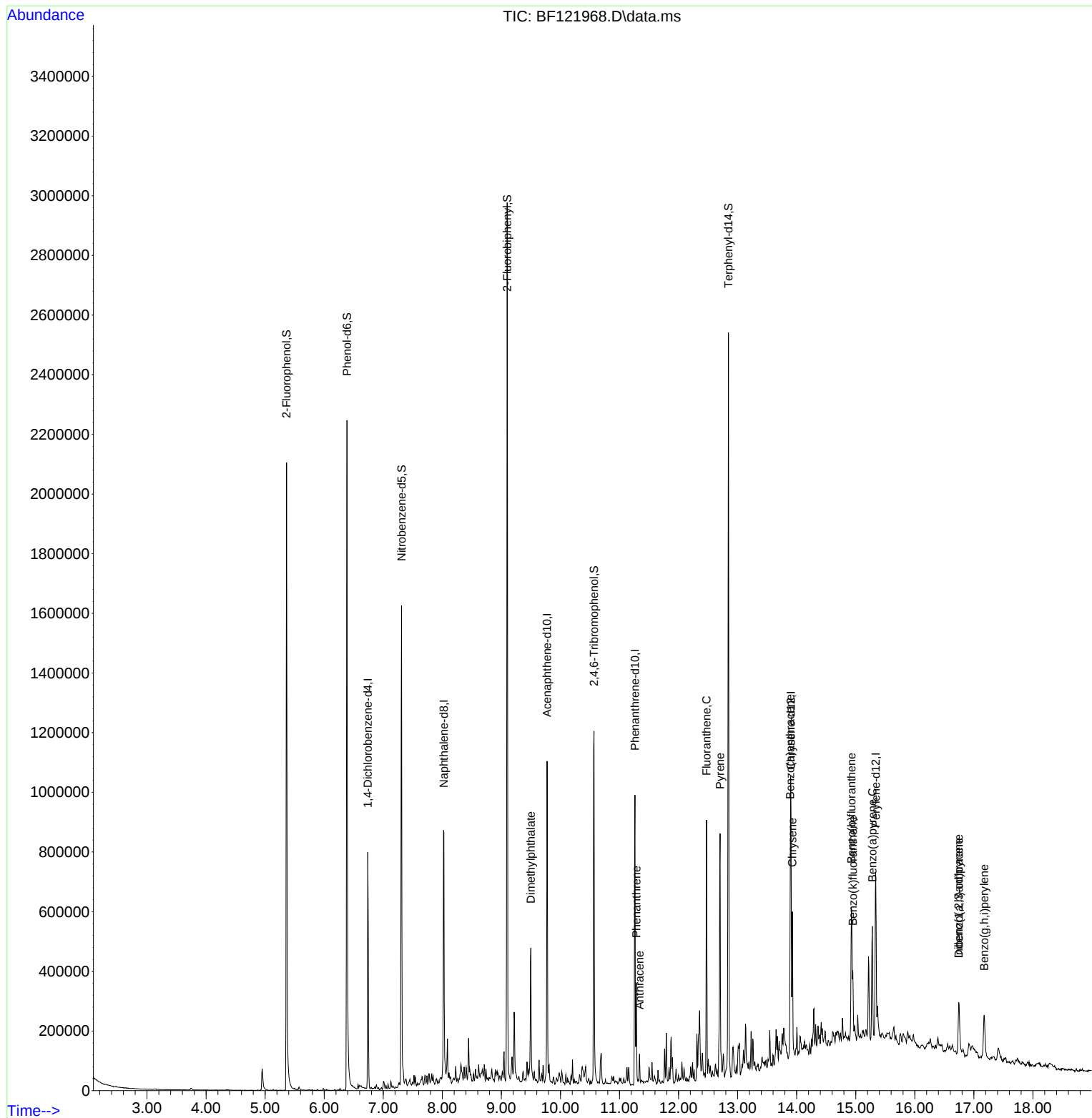
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
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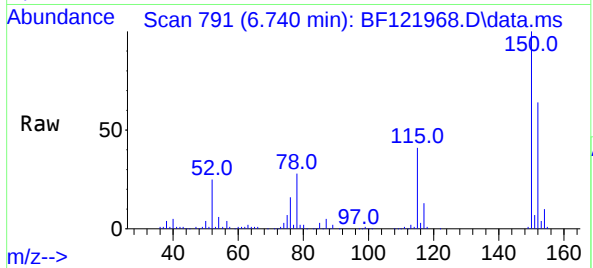
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Quant Time: Oct 15 01:23:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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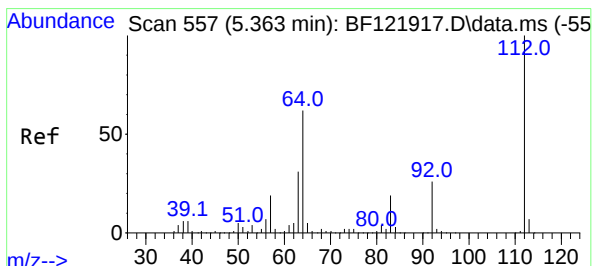
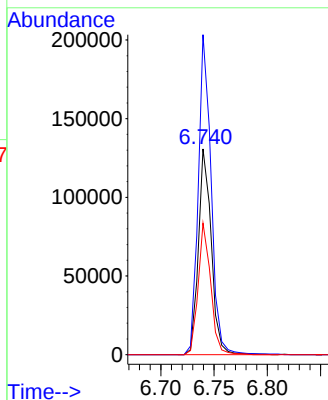
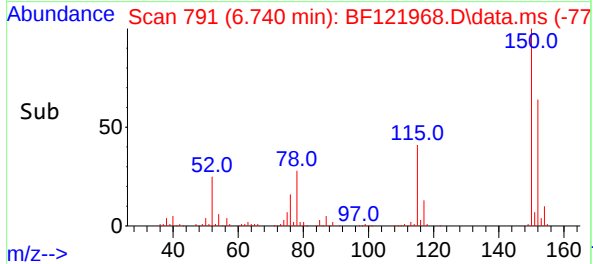




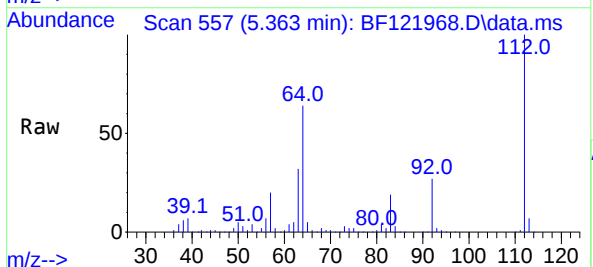
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



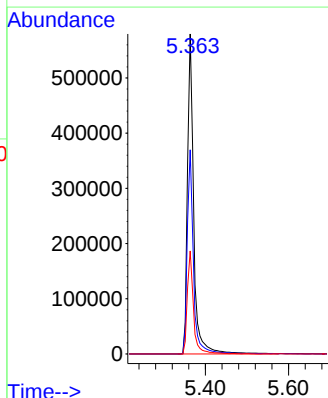
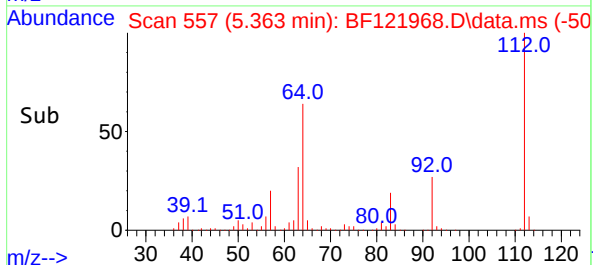
Tgt Ion:152 Resp: 110669
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 80.52 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



Tgt Ion:112 Resp: 603796
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 32.2 25.8 38.6



Instrument :
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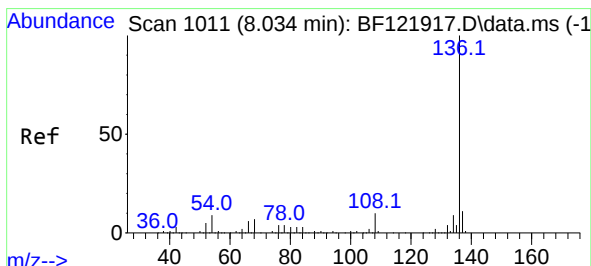
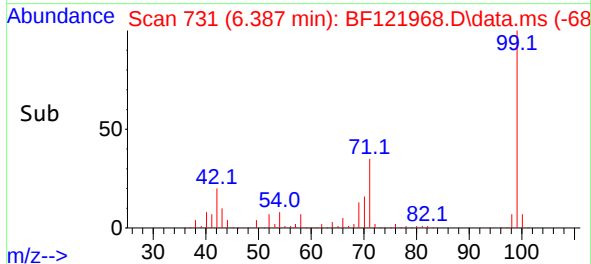
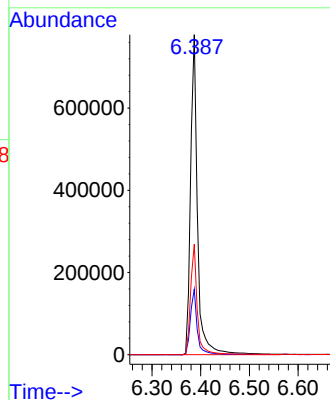
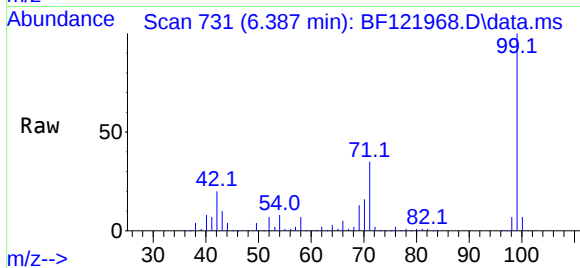
#7
Phenol-d6
Concen: 80.02 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 99 Resp: 772427
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 34.5 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
TR-08-101320

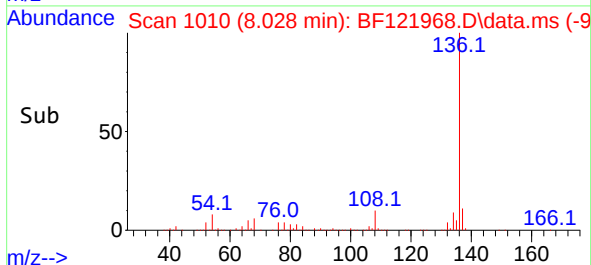
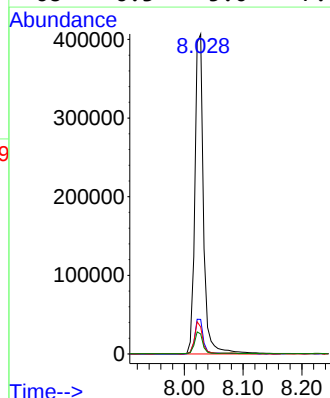
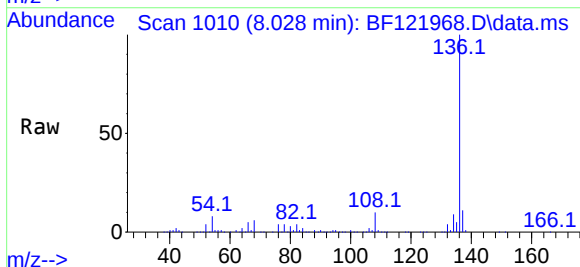
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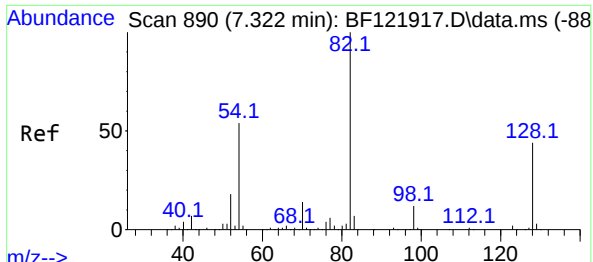
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 136 Resp: 417521
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.1 10.7
68 6.3 5.0 7.4





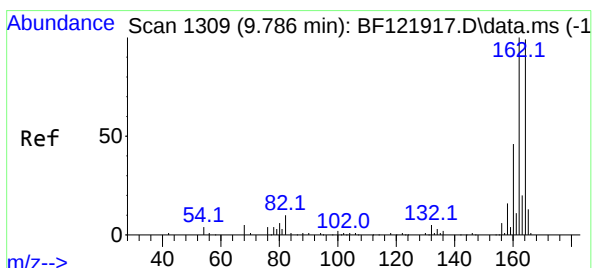
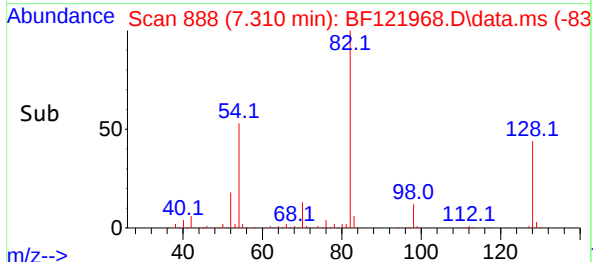
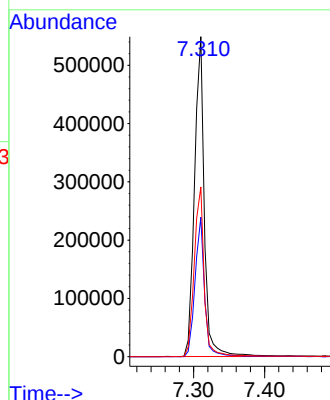
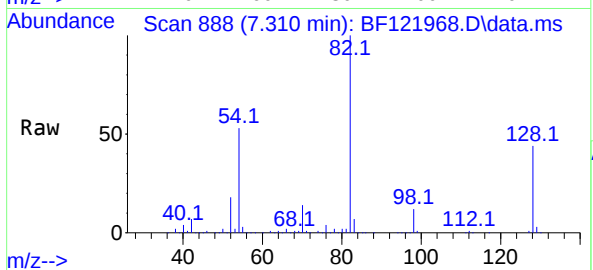
#23
Nitrobenzene-d5
Concen: 64.97 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	82	Resp:	528912
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.0	52.4
54	53.1	43.9	65.9

Instrument :
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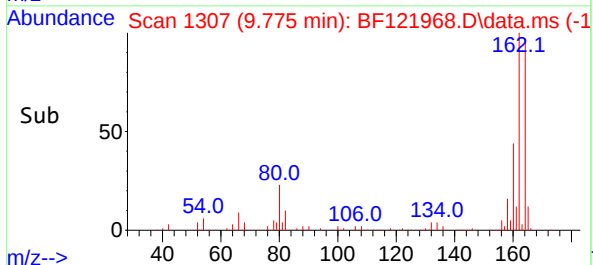
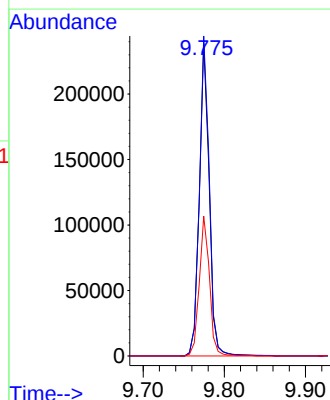
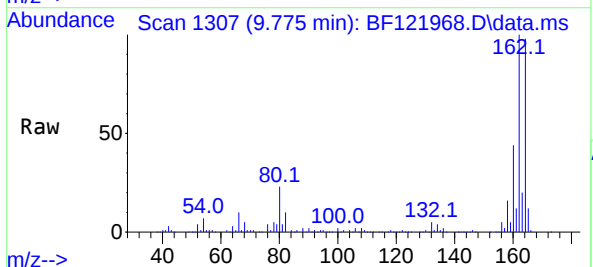
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

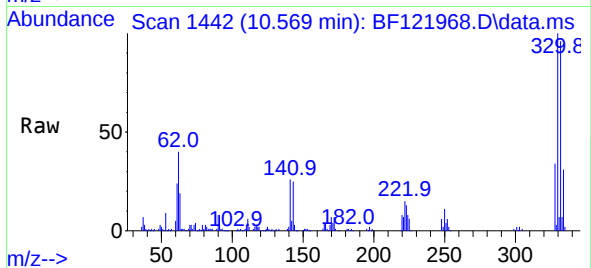
Tgt Ion:	164	Resp:	202169
Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	44.8	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 65.02 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

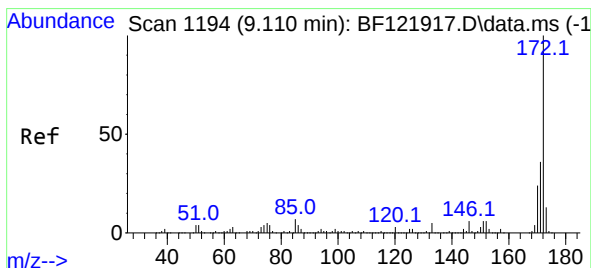
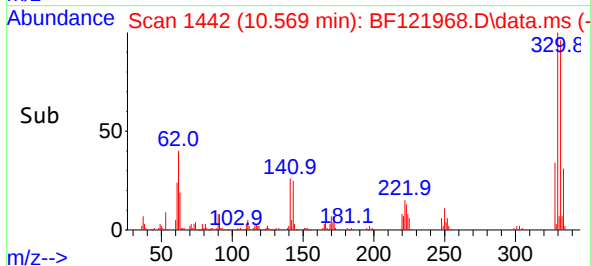
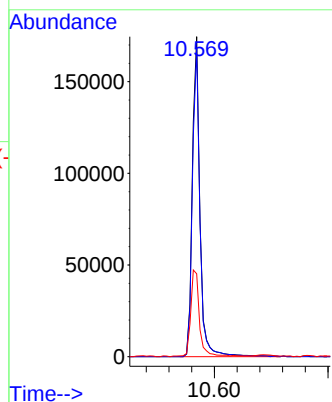
Instrument :
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ClientSampleId :
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Tgt Ion:330 Resp: 162615
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 31.6 22.3 33.5

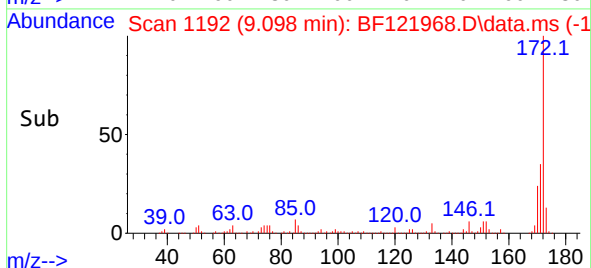
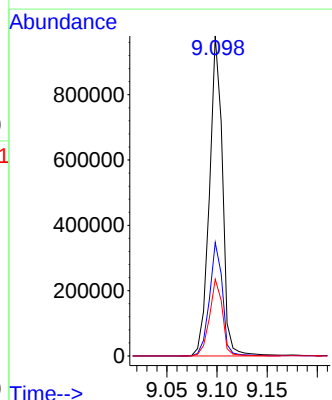
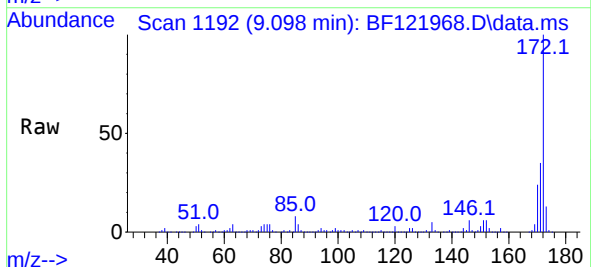
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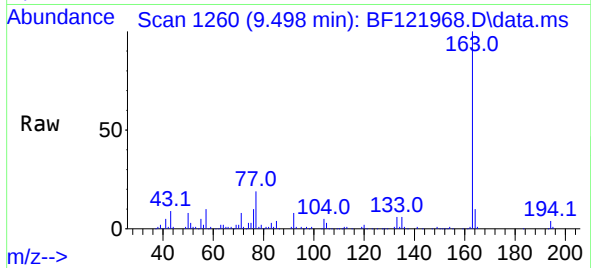
#45
2-Fluorobiphenyl
Concen: 64.61 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:172 Resp: 887793
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 24.0 19.8 29.6

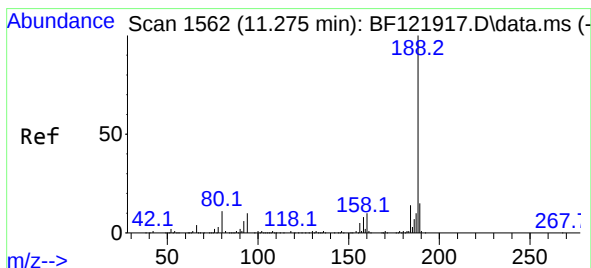
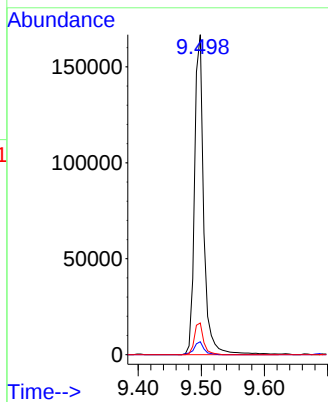
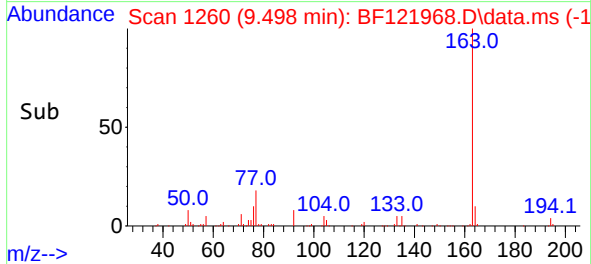




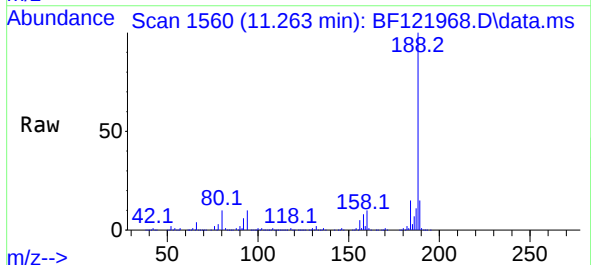
#50
Dimethylphthalate
Concen: 11.35 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



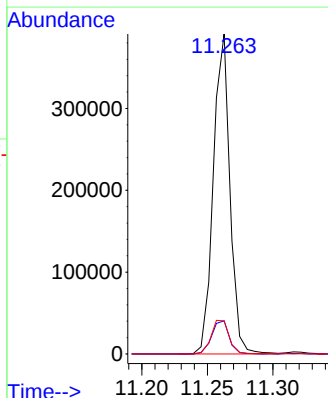
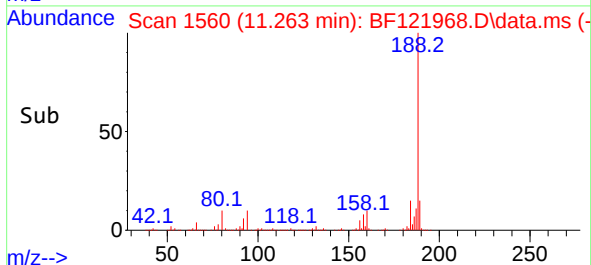
Tgt Ion:163 Resp: 167816
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



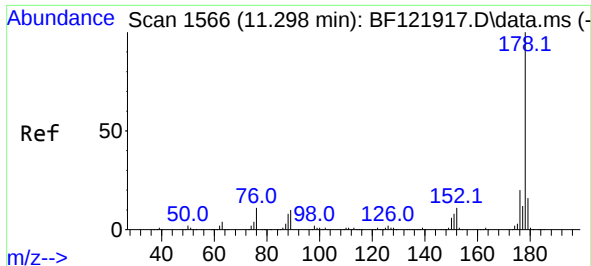
Tgt Ion:188 Resp: 343598
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.4 9.1 13.7



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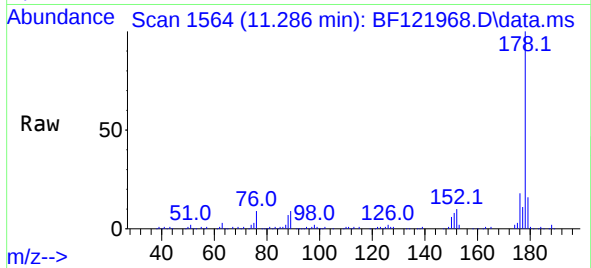
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#71
Phenanthrene
Concen: 6.59 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

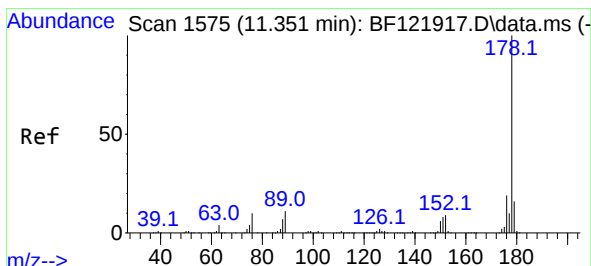
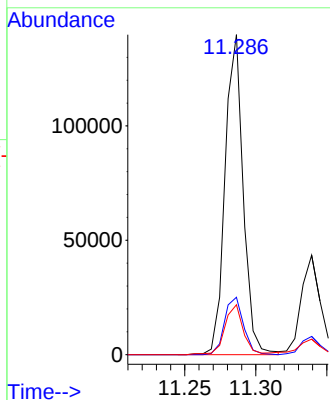
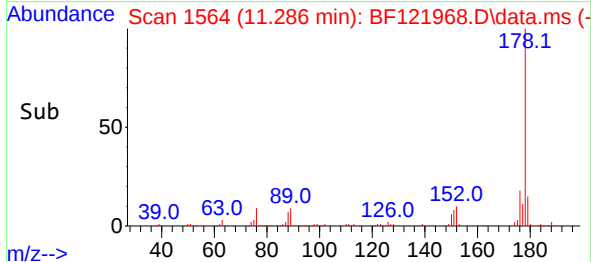
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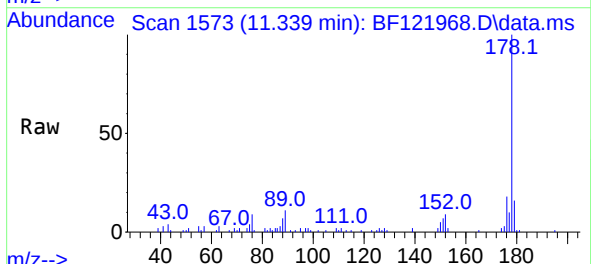
Tgt Ion:178 Resp: 124144
Ion Ratio Lower Upper
178 100
176 18.0 15.9 23.9
179 15.6 12.2 18.4

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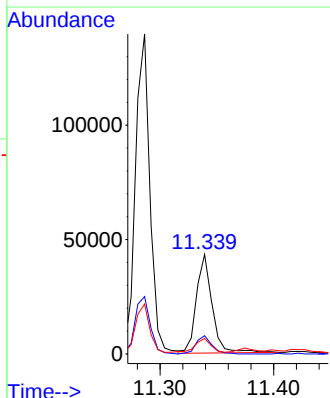
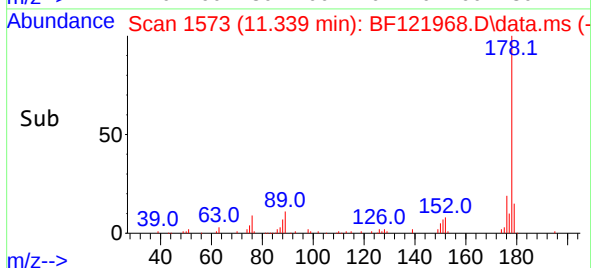
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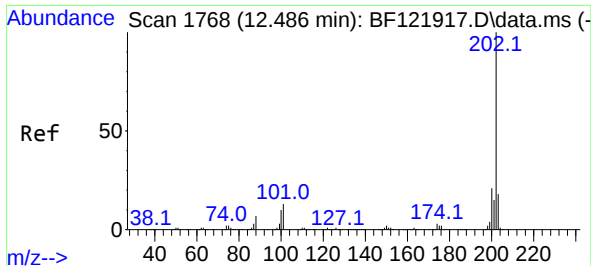


#72
Anthracene
Concen: 2.14 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

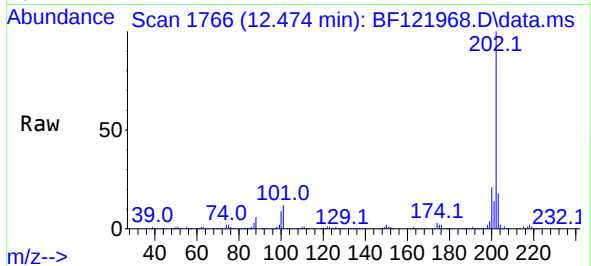


Tgt Ion:178 Resp: 41831
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.5 12.7 19.1

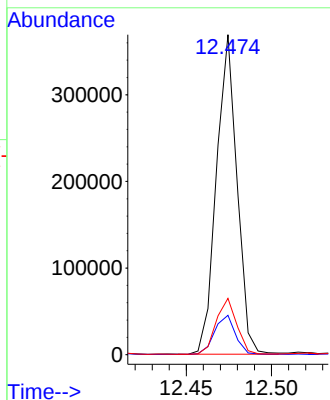
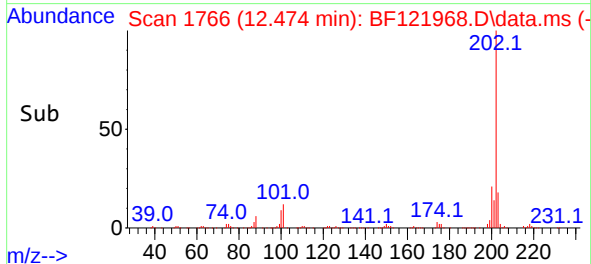




#75
Fluoranthene
Concen: 15.40 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



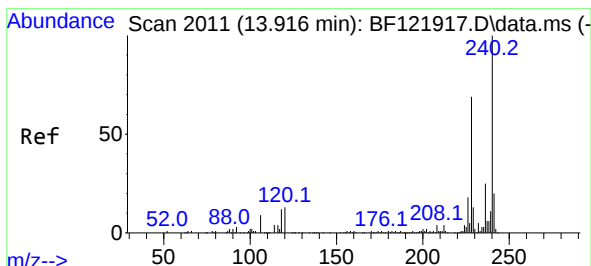
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Ion Ratio Lower Upper
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101 12.3 0.0 33.4
203 17.6 0.0 37.9



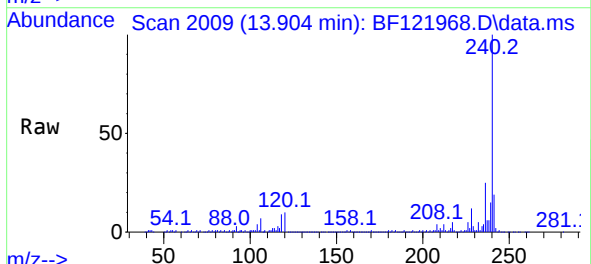
Instrument :
BNA_F
ClientSampleId :
TR-08-101320

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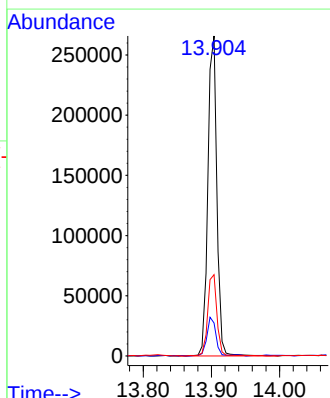
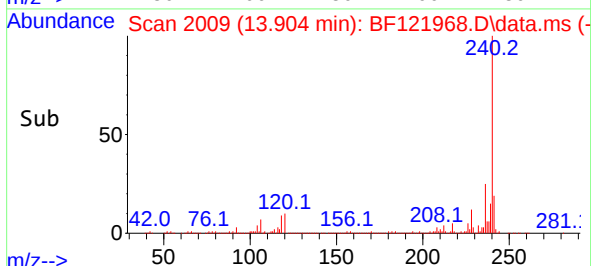
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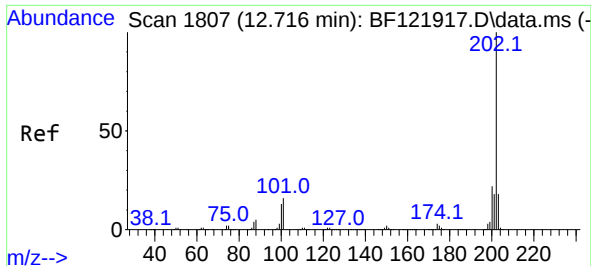


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



Tgt Ion:240 Resp: 244223
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.4 20.9 31.3





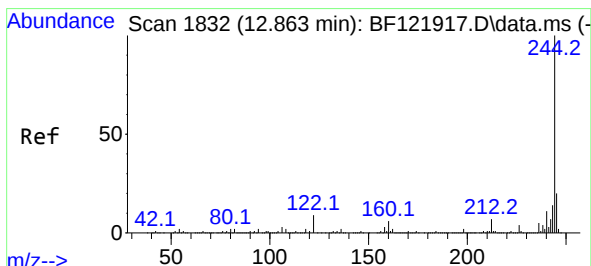
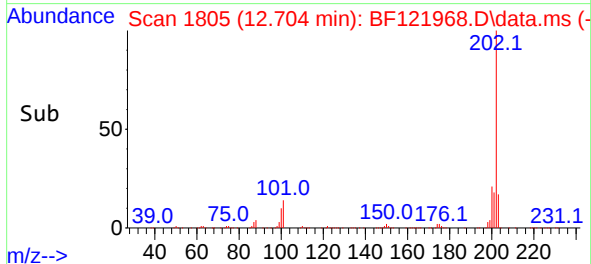
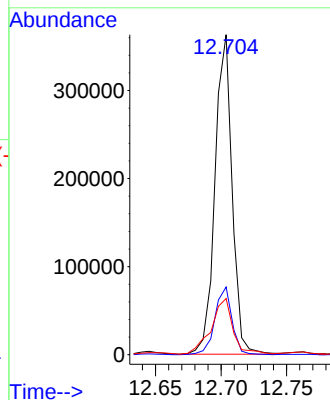
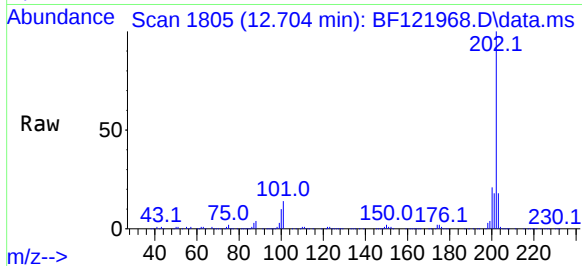
#78
Pyrene
Concen: 17.70 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121968.D
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Tgt Ion:	202	Resp:	329365
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.6	14.6	21.8

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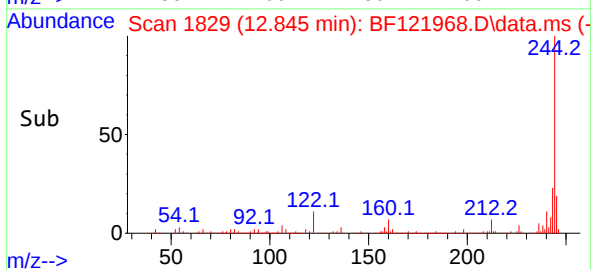
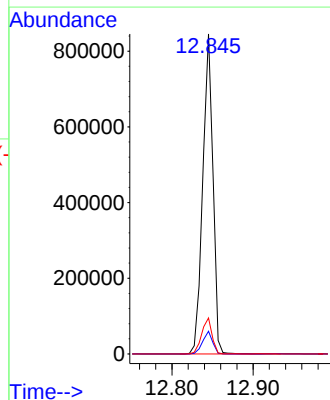
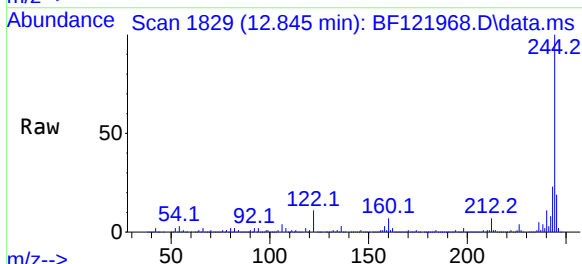
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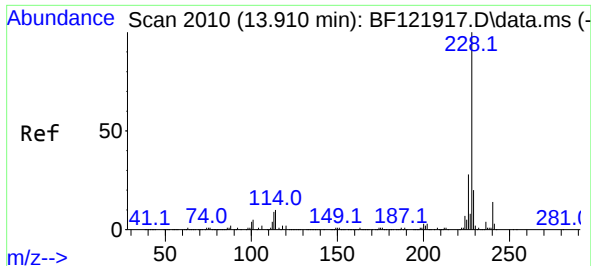
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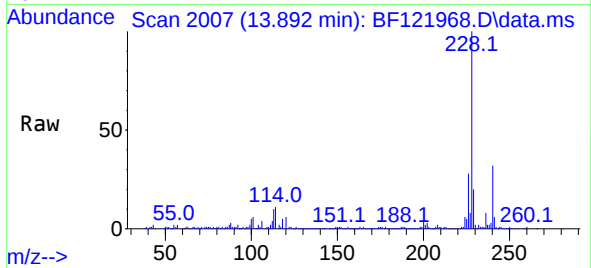
#79
Terphenyl-d14
Concen: 57.56 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	244	Resp:	737619
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	11.2	8.1	12.1

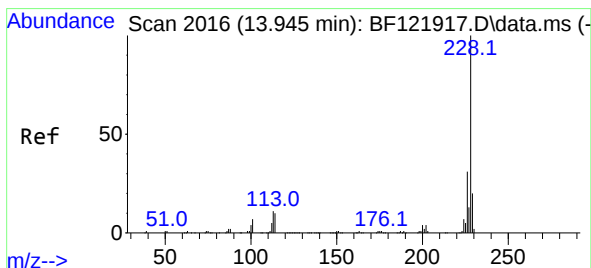
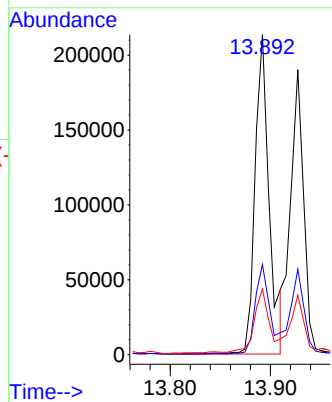
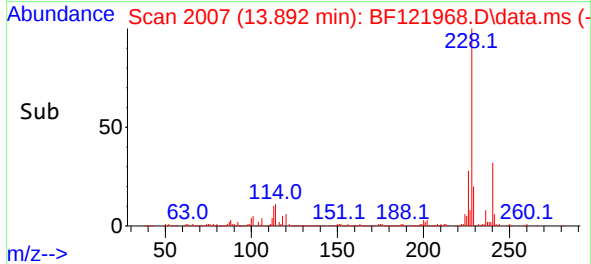




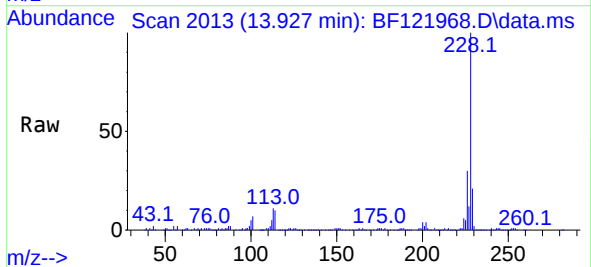
#81
Benzo(a)anthracene
Concen: 13.09 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



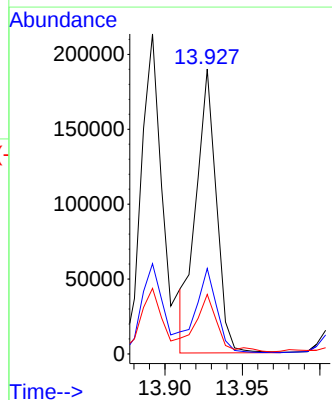
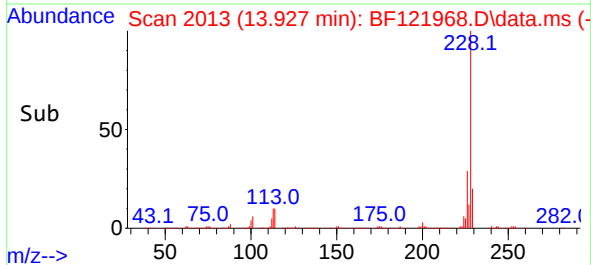
Tgt Ion:228 Resp: 209501
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.5 16.2 24.4



#83
Chrysene
Concen: 11.03 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



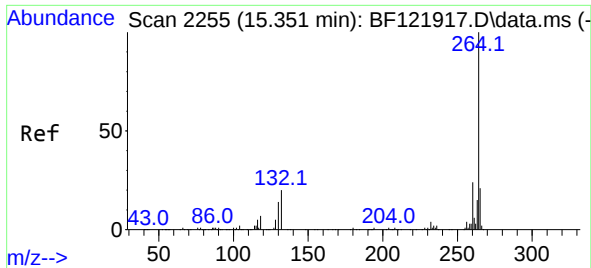
Tgt Ion:228 Resp: 173330
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 20.9 15.9 23.9



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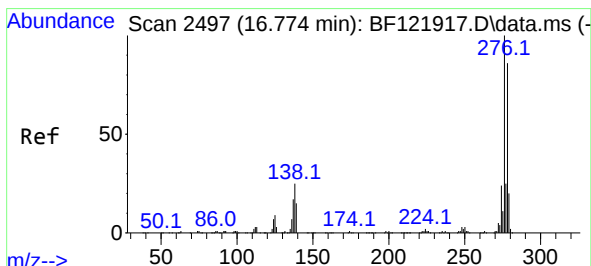
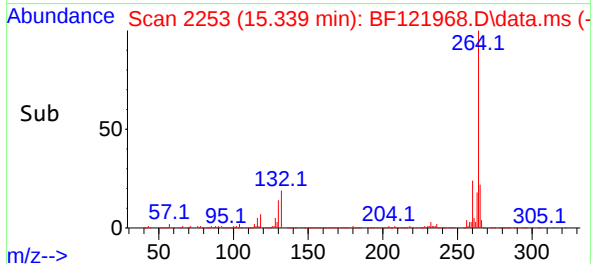
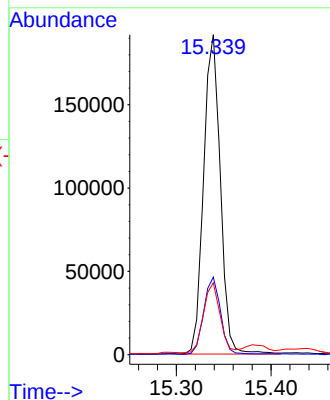
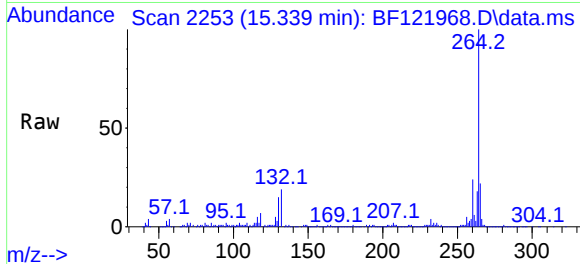
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	264	Resp:	235899
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	22.5	17.3	25.9

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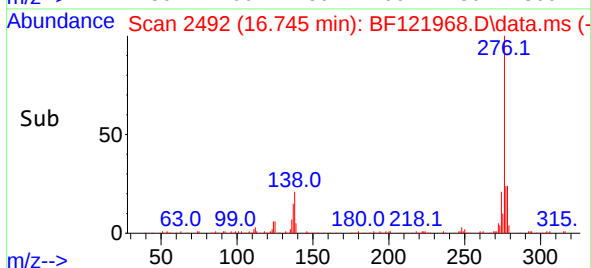
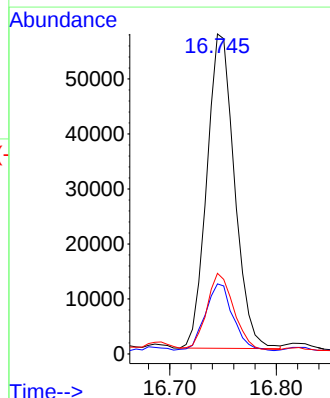
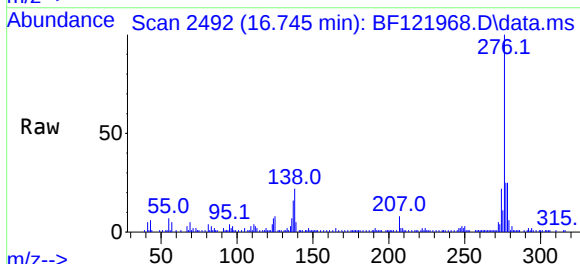
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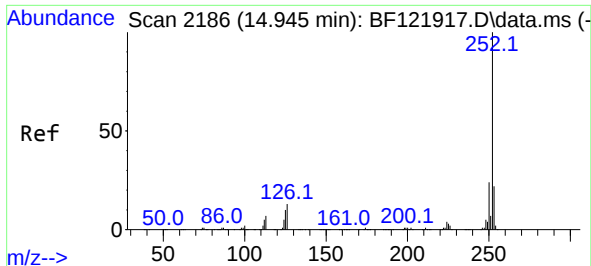
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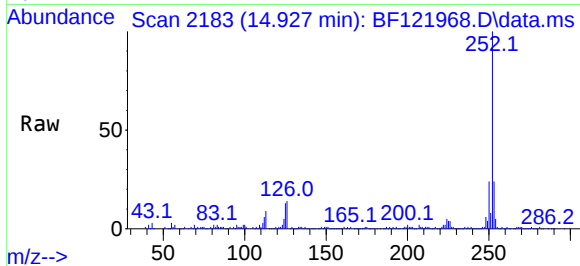
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.74 ng
RT: 16.745 min Scan# 2492
Delta R.T. -0.029 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	276	Resp:	103160
Ion Ratio	Lower	Upper	
276	100		
138	22.1	19.9	29.9
277	24.2	20.4	30.6

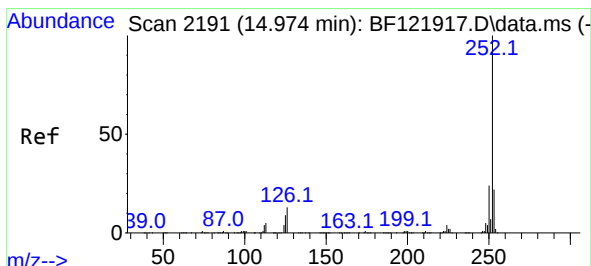
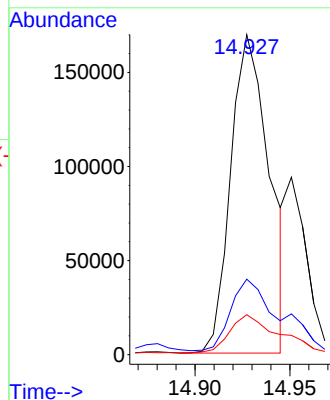
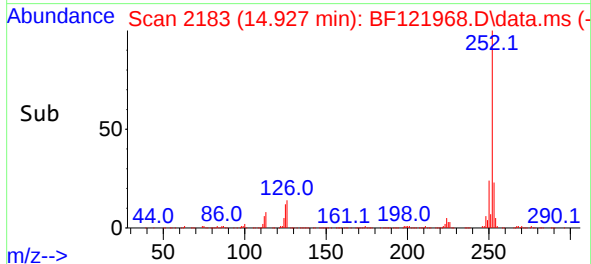




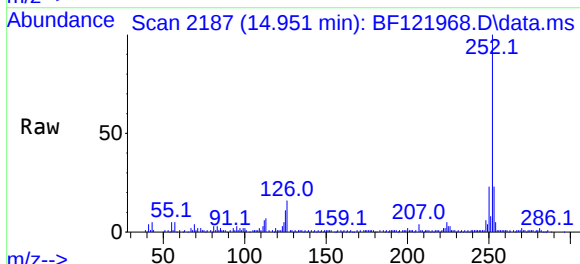
#88
Benzo(b)fluoranthene
Concen: 15.07 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



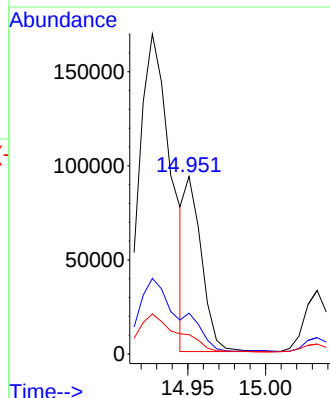
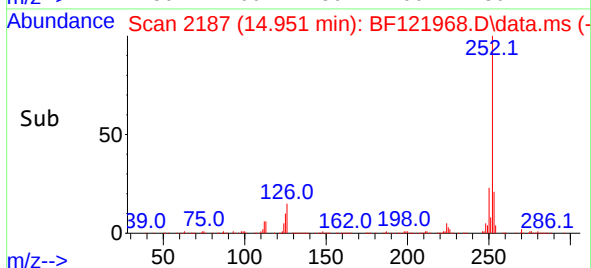
Tgt Ion:252 Resp: 240351
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 12.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 4.56 ng m
RT: 14.951 min Scan# 2187
Delta R.T. -0.023 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40



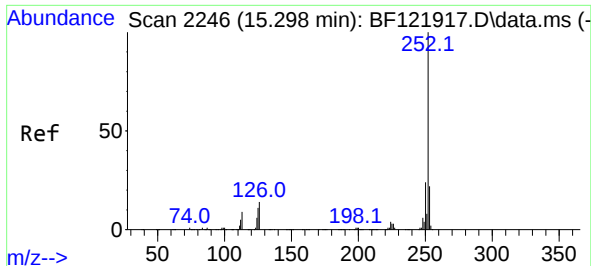
Tgt Ion:252 Resp: 69114
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.9 7.7 11.5



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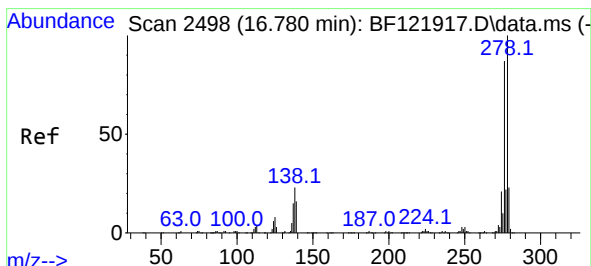
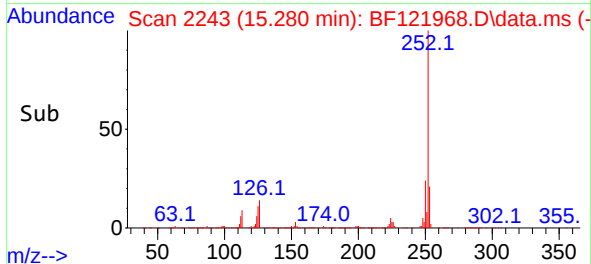
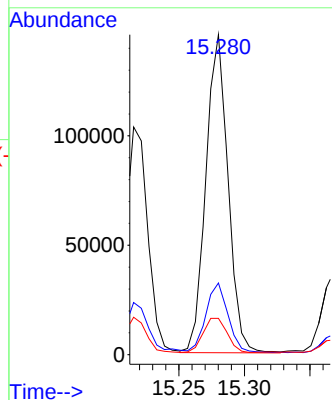
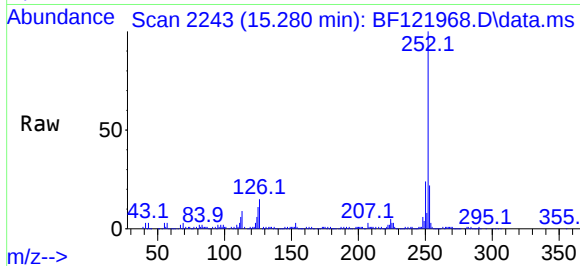
#90
Benzo(a)pyrene
Concen: 12.43 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:252 Resp: 171165
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.4 8.6 13.0

Instrument :
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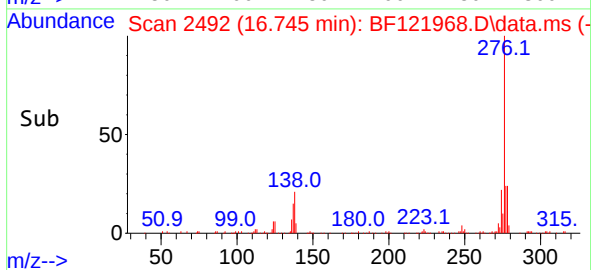
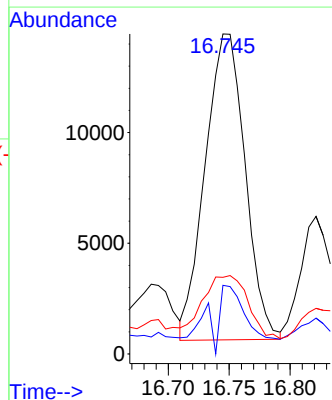
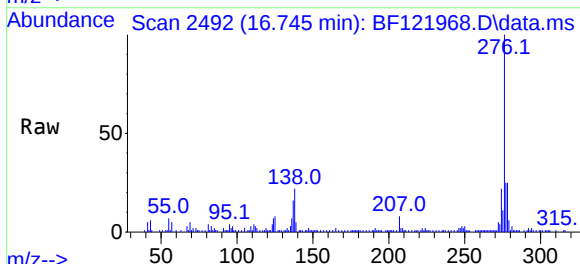
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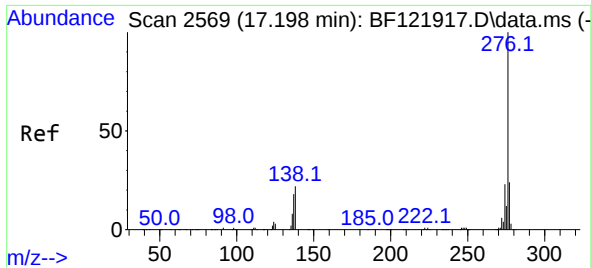
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#91
Dibenzo(a,h)anthracene
Concen: 2.50 ng
RT: 16.745 min Scan# 2492
Delta R.T. -0.035 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:278 Resp: 31544
Ion Ratio Lower Upper
278 100
139 21.4 13.0 19.4#
279 24.0 19.0 28.4





#92
Benzo(g,h,i)perylene
Concen: 8.73 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.023 min
Lab File: BF121968.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	276	Resp:	110152
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.4	29.2
138	21.3	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
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