

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122232.D
 Acq On : 2 Nov 2020 18:26
 Operator : JU/CG
 Sample : L4564-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-017-B

Manual Integrations
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Quant Time: Nov 03 00:04:13 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	6.704	152	76076	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	310529	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	159889	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	284187	20.00	ng	0.00
76) Chrysene-d12	13.880	240	203868	20.00	ng	0.00
86) Perylene-d12	15.321	264	196318	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	544485	105.63	ng	0.00
7) Phenol-d6	6.363	99	701751	105.76	ng	0.00
23) Nitrobenzene-d5	7.281	82	439746	72.63	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	187425	94.76	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	756857	69.65	ng	0.00
79) Terphenyl-d14	12.816	244	650669	60.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.381	94	37210	5.43	ng	86
50) Dimethylphthalate	9.469	163	143156	12.24	ng	99
71) Phenanthrene	11.257	178	56288	3.61	ng	98
75) Fluoranthene	12.451	202	147462	8.83	ng	98
78) Pyrene	12.680	202	135646	8.73	ng	98
81) Benzo(a)anthracene	13.874	228	74830	5.60	ng	98
83) Chrysene	13.910	228	73278	5.59	ng	99
87) Indeno(1,2,3-cd)pyrene	16.756	276	43375	3.40	ng	99
88) Benzo(b)fluoranthene	14.915	252	104421m	7.87	ng	
89) Benzo(k)fluoranthene	14.939	252	30316m	2.40	ng	
90) Benzo(a)pyrene	15.268	252	72809	6.35	ng	97
92) Benzo(g,h,i)perylene	17.186	276	44669	4.25	ng	94

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

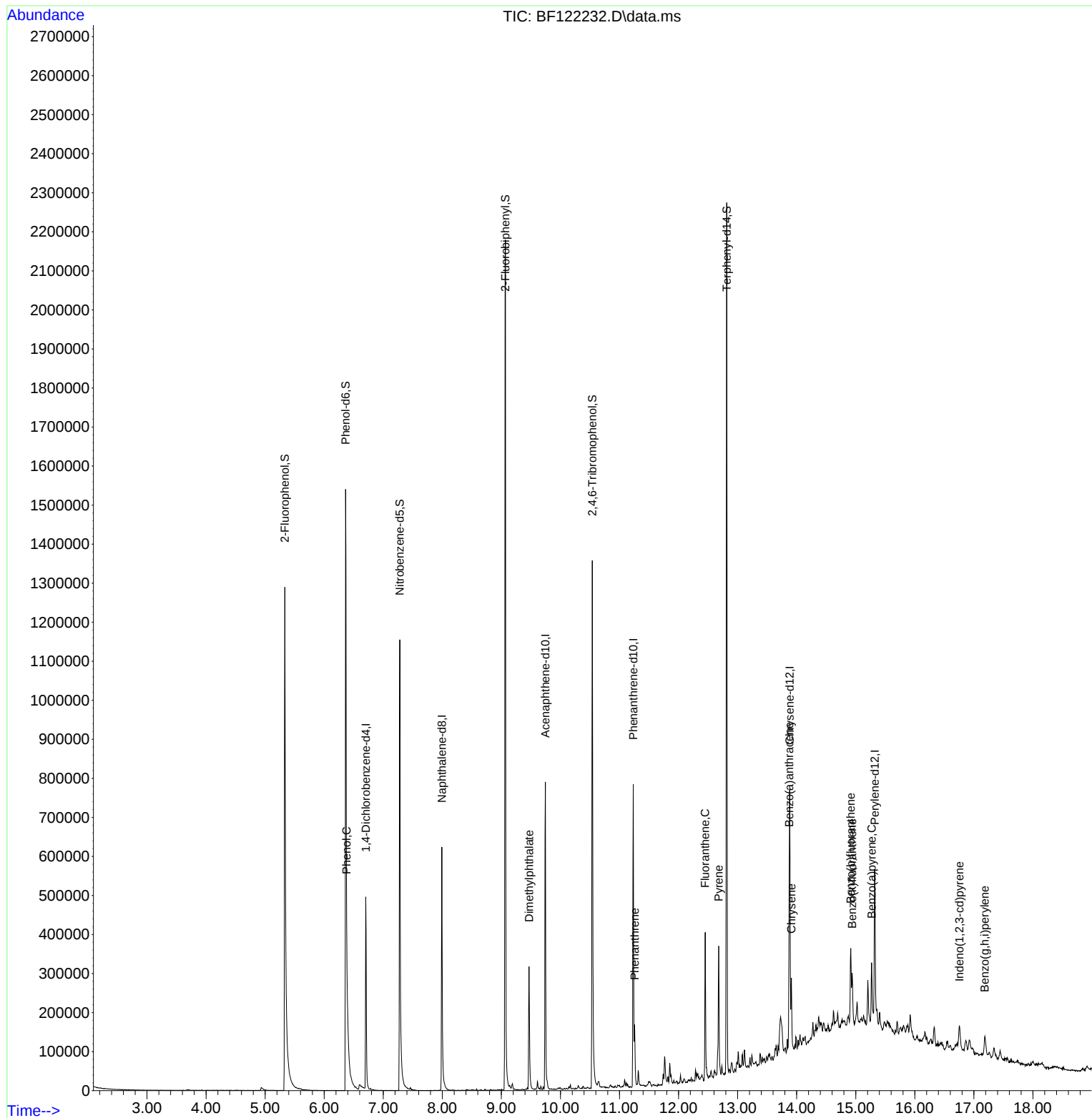
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122232.D
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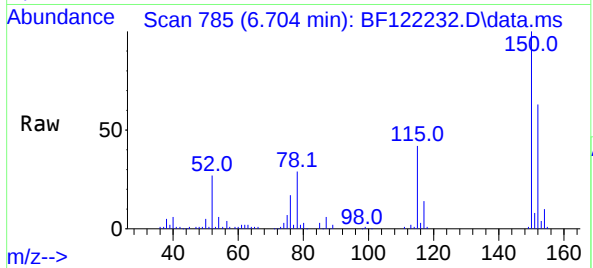
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Quant Time: Nov 03 00:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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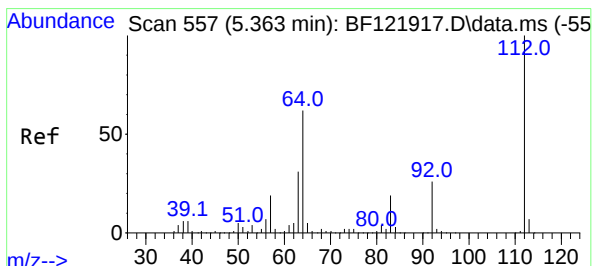
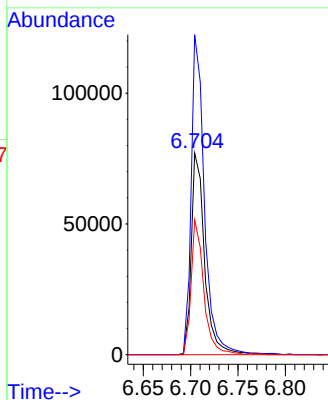
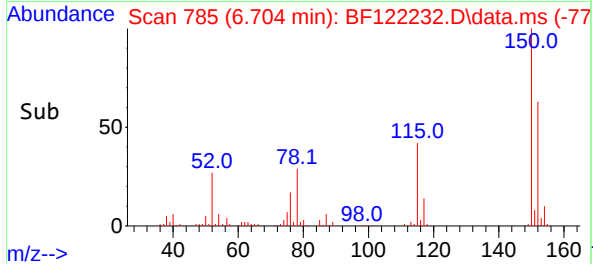




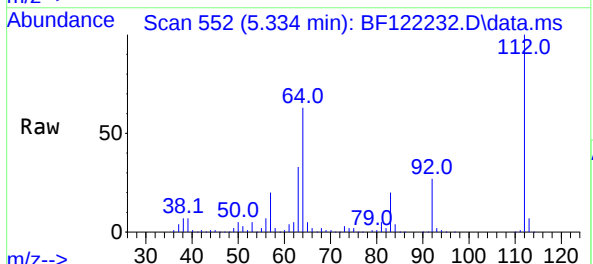
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



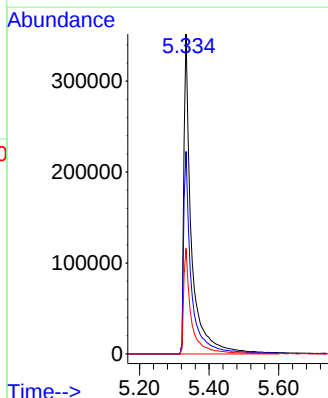
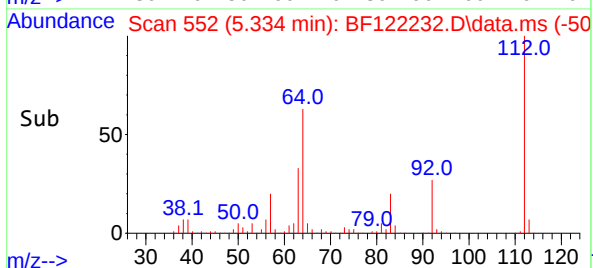
Tgt Ion:152 Resp: 76076
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 66.8 51.9 77.9



#5
2-Fluorophenol
Concen: 105.63 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



Tgt Ion:112 Resp: 544485
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 33.0 25.8 38.6



Instrument :
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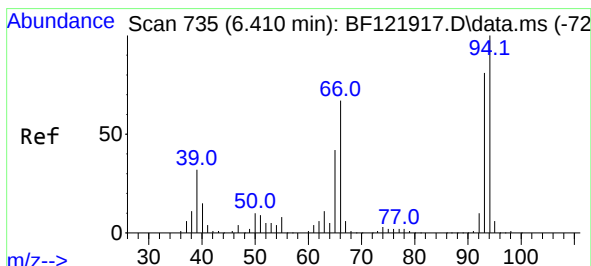
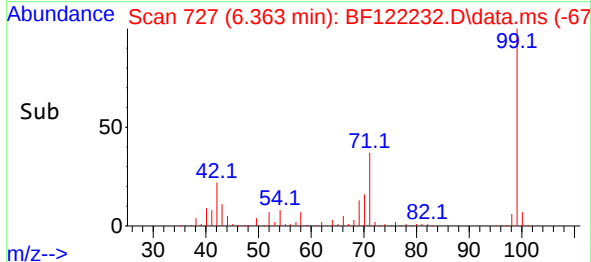
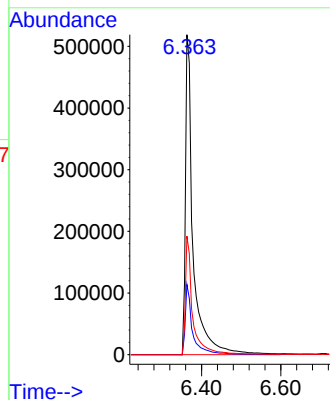
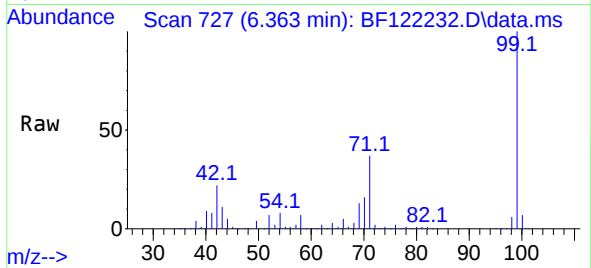
#7
Phenol-d6
Concen: 105.76 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion: 99 Resp: 701751
Ion Ratio Lower Upper
99 100
42 21.9 15.9 23.9
71 37.0 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

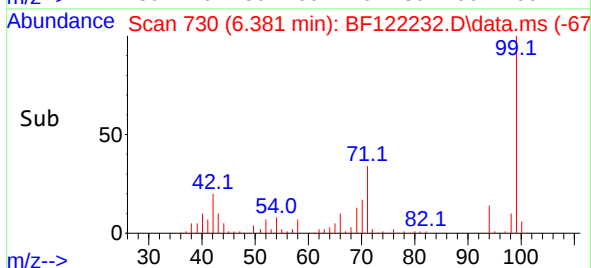
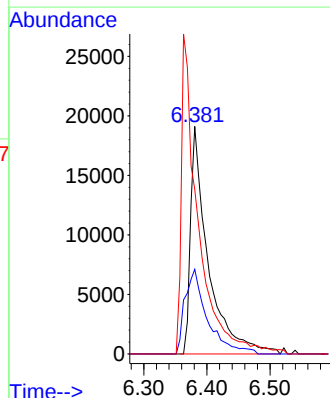
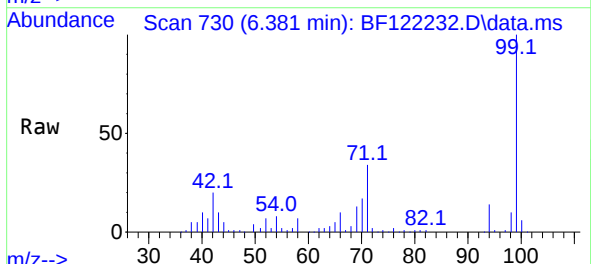
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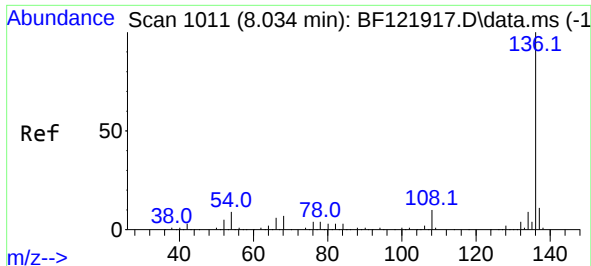
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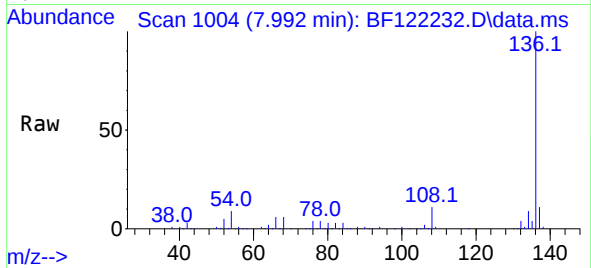
#10
Phenol
Concen: 5.43 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion: 94 Resp: 37210
Ion Ratio Lower Upper
94 100
65 37.2 17.1 57.1
66 72.3 36.0 76.0



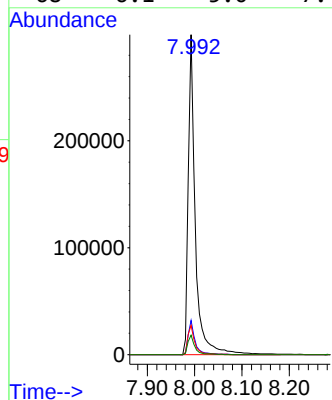


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



Tgt Ion: 136 Resp: 310529

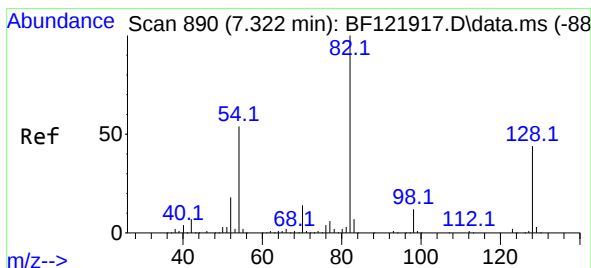
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.1	7.1	10.7
68	6.1	5.0	7.4



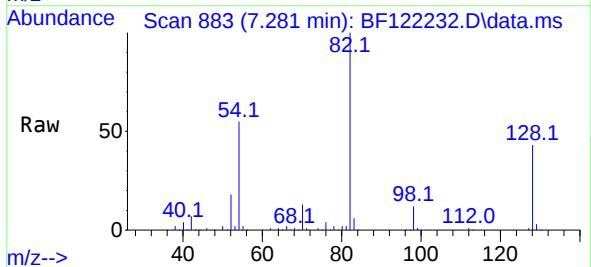
Instrument :
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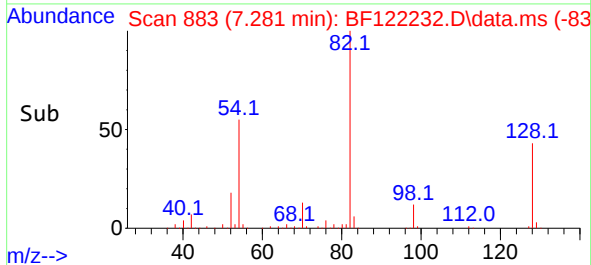
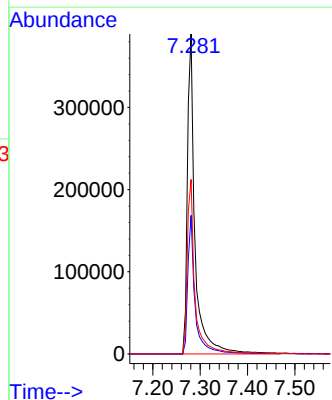


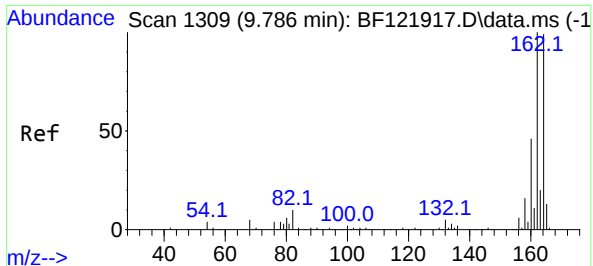
#23
Nitrobenzene-d5
Concen: 72.63 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



Tgt Ion: 82 Resp: 439746

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.0	52.4
54	54.5	43.9	65.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

Tgt Ion:164 Resp: 159889

Ion Ratio Lower Upper

164 100

162 102.1 83.2 124.8

160 47.9 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

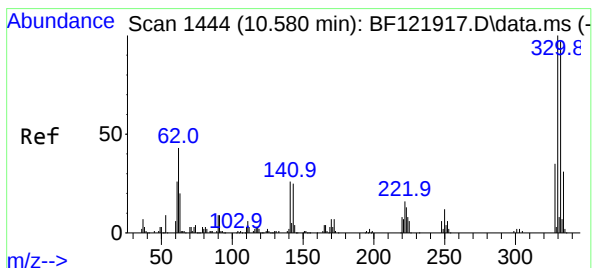
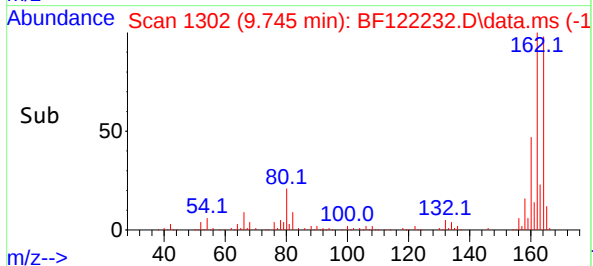
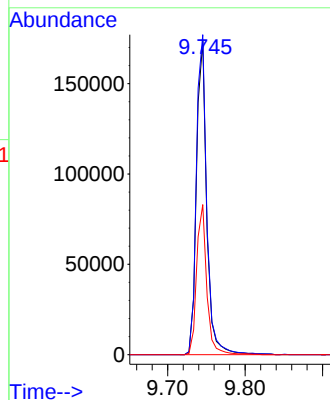
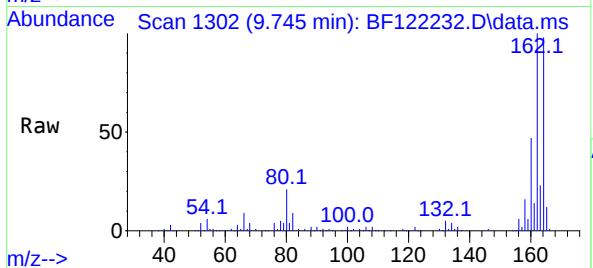
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#42

2,4,6-Tribromophenol

Concen: 94.76 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

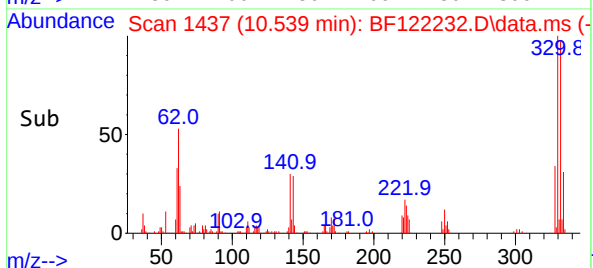
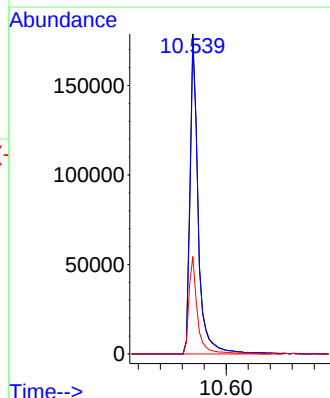
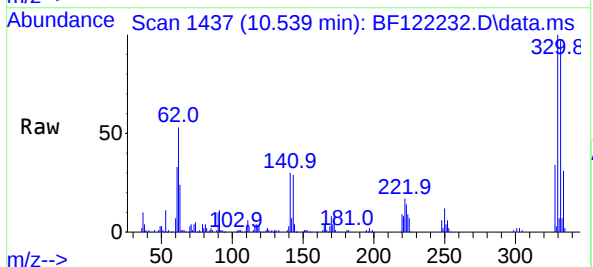
Tgt Ion:330 Resp: 187425

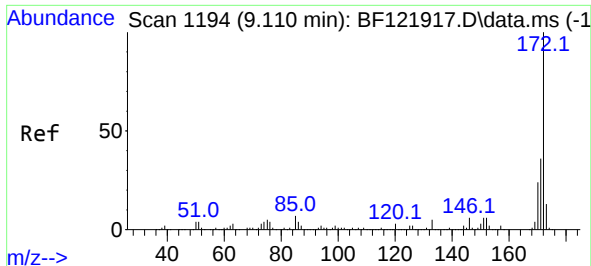
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

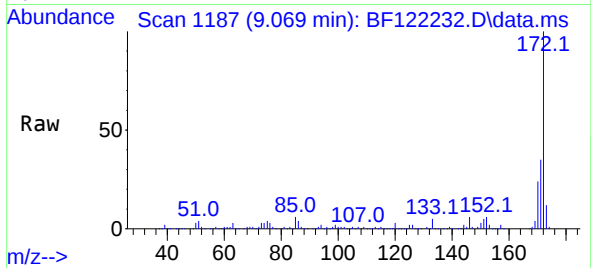
141 31.4 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 69.65 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

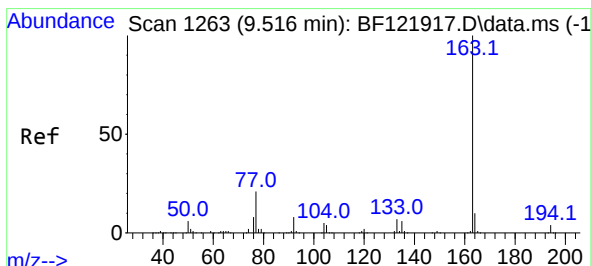
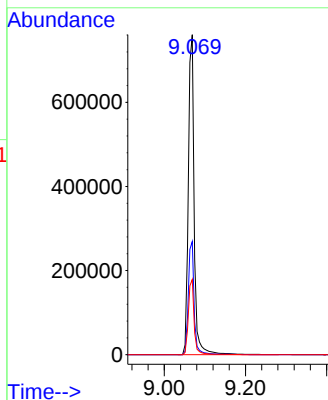
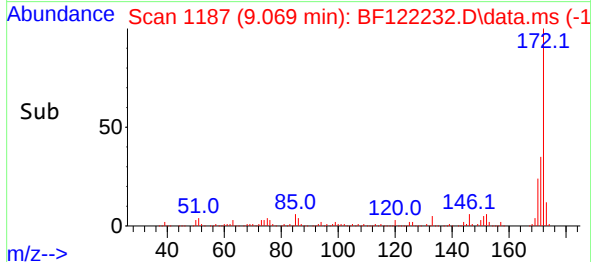
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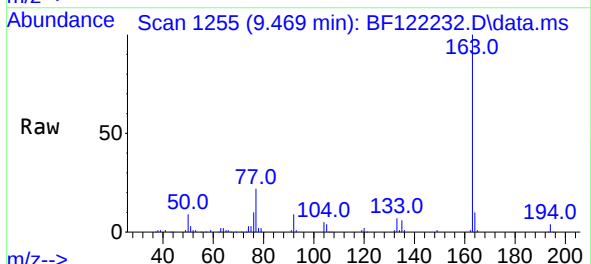
Tgt Ion:172 Resp: 756857
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.5 19.8 29.6

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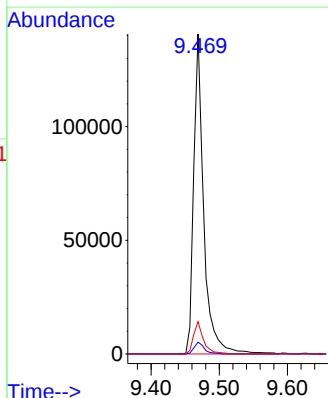
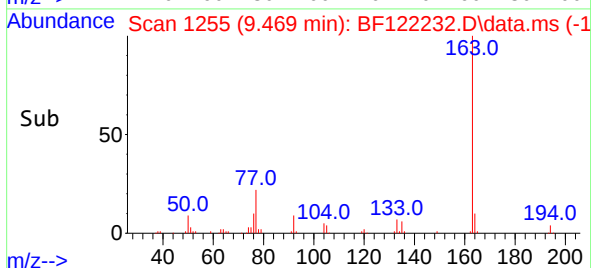
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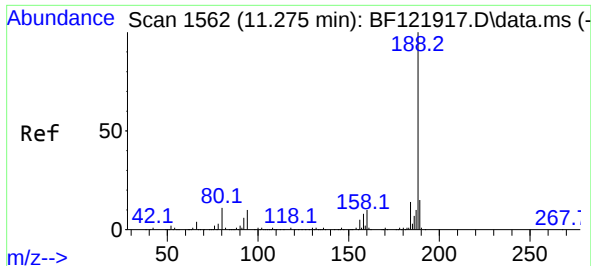


#50
Dimethylphthalate
Concen: 12.24 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



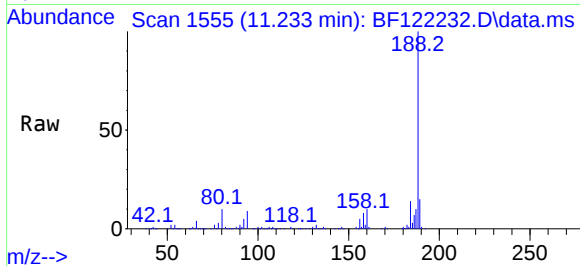
Tgt Ion:163 Resp: 143156
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

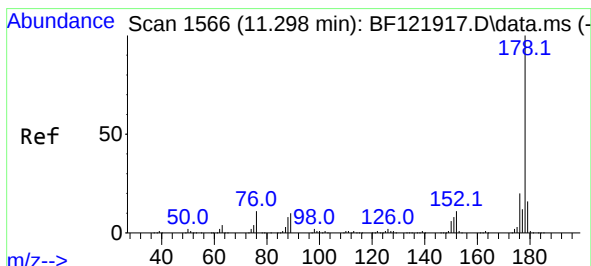
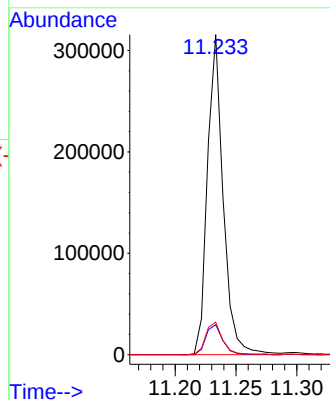
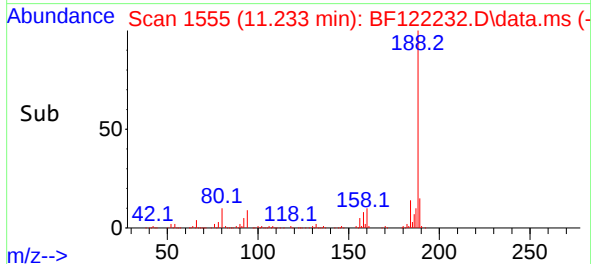
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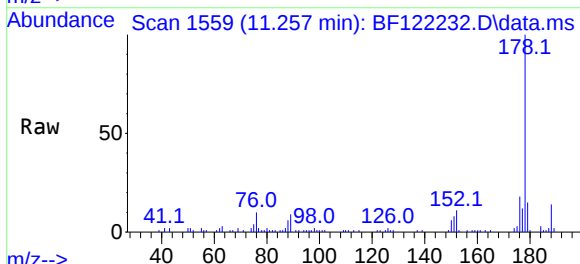
Tgt Ion:188 Resp: 284187
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.1 9.1 13.7

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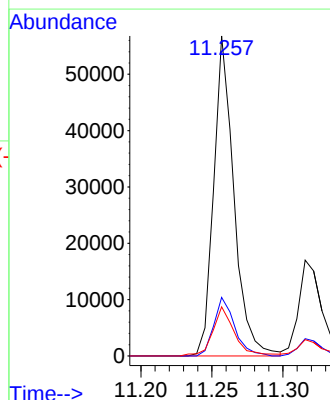
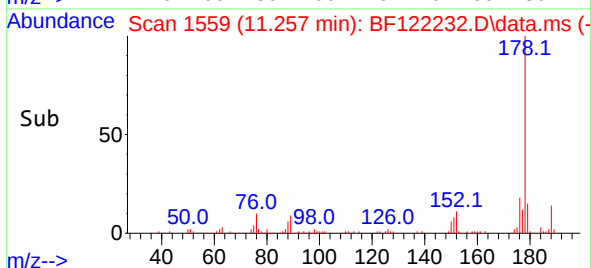
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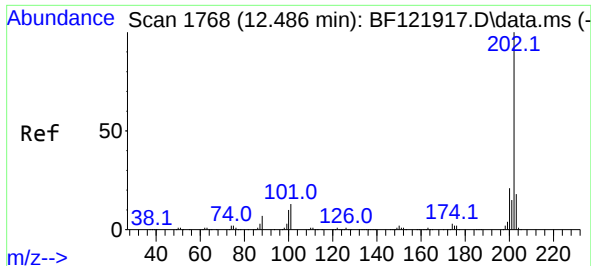


#71
Phenanthrene
Concen: 3.61 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



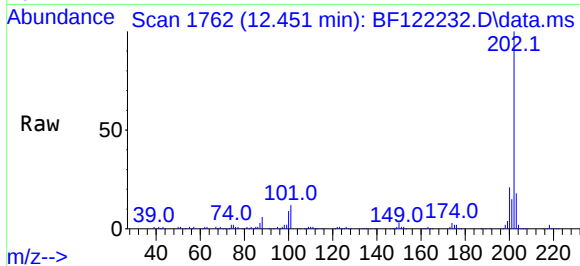
Tgt Ion:178 Resp: 56288
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.4 12.2 18.4





#75
Fluoranthene
Concen: 8.83 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

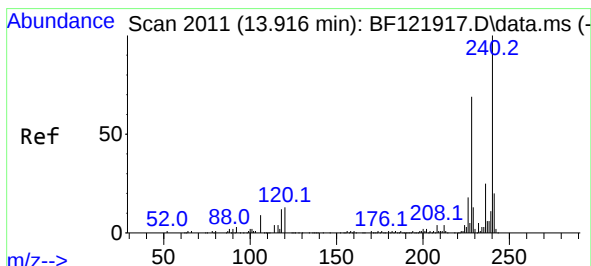
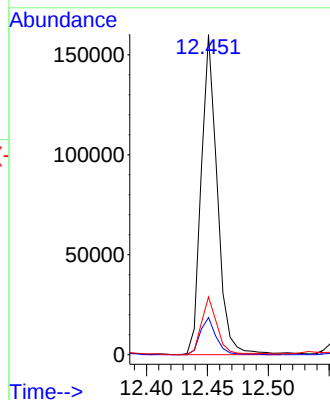
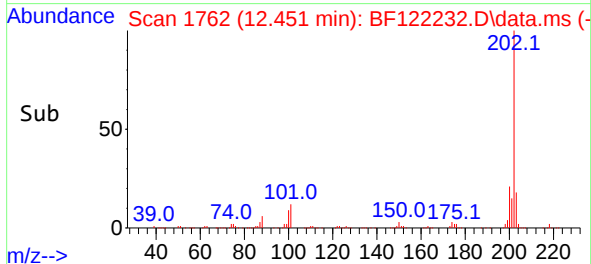
Instrument :
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ClientSampleId :
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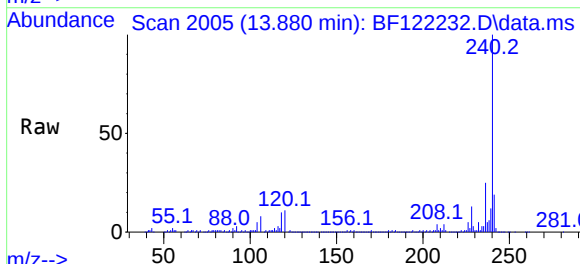
Tgt Ion:202 Resp: 147462
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 18.0 0.0 37.9

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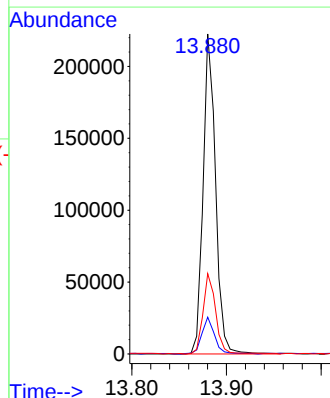
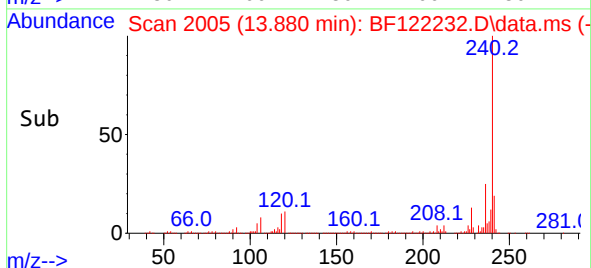
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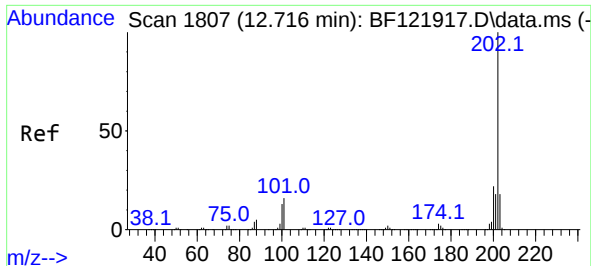


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

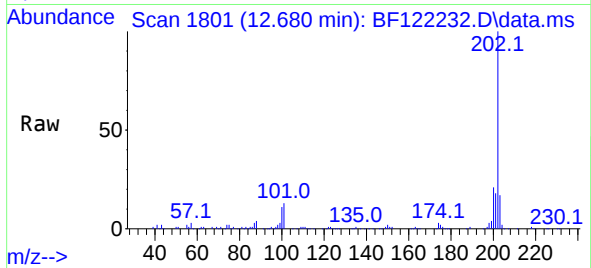


Tgt Ion:240 Resp: 203868
Ion Ratio Lower Upper
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120 11.5 9.2 13.8
236 25.1 20.9 31.3

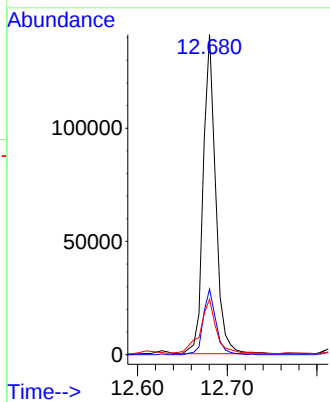
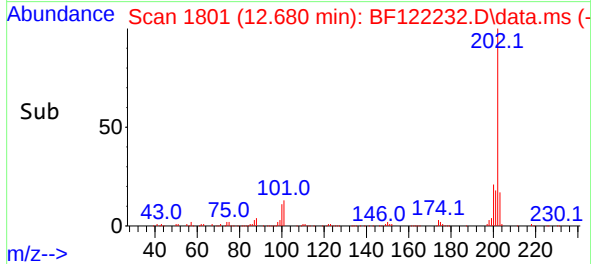




#78
Pyrene
Concen: 8.73 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



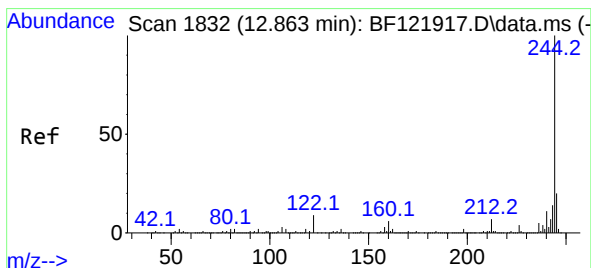
Tgt Ion:202 Resp: 135646
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.4 14.6 21.8



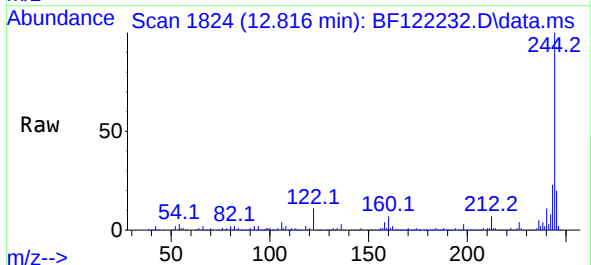
Instrument :
BNA_F
ClientSampleId :
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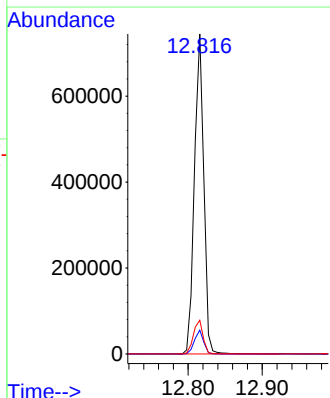
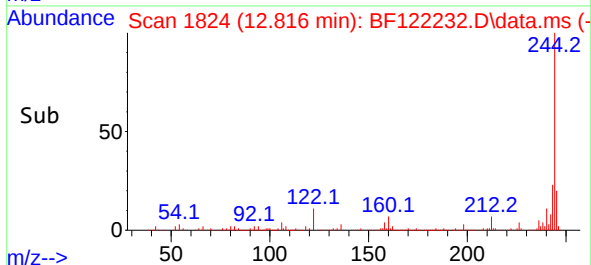
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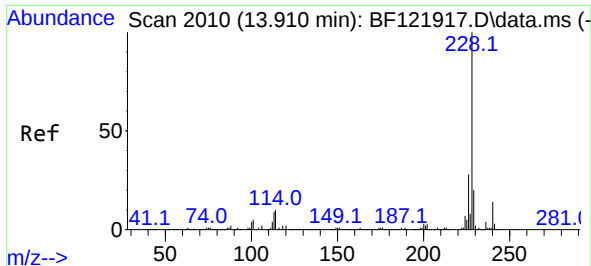


#79
Terphenyl-d14
Concen: 60.82 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



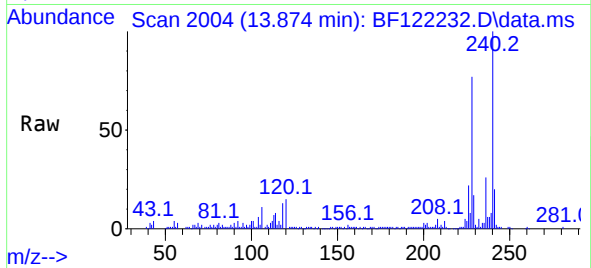
Tgt Ion:244 Resp: 650669
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.5 8.1 12.1





#81
Benzo(a)anthracene
Concen: 5.60 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

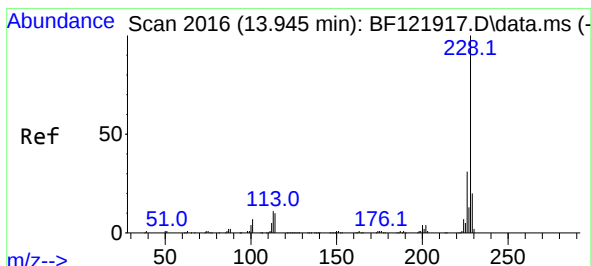
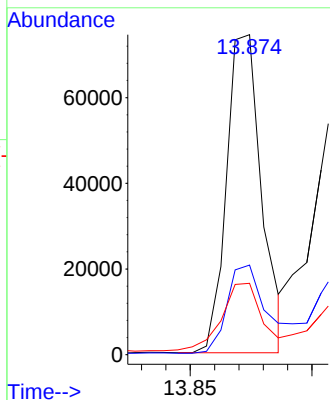
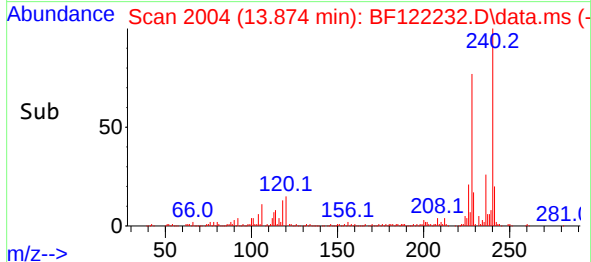
Instrument :
BNA_F
ClientSampleId :
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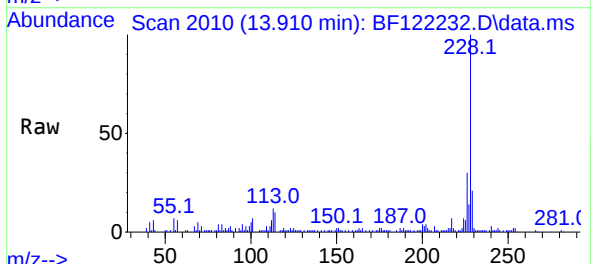
Tgt Ion:228 Resp: 74830
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 22.3 16.2 24.4

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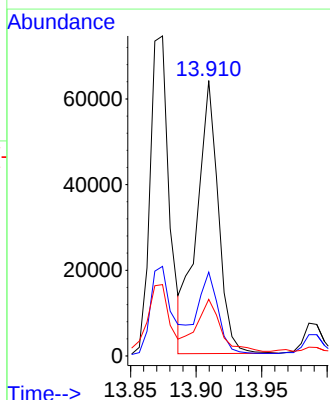
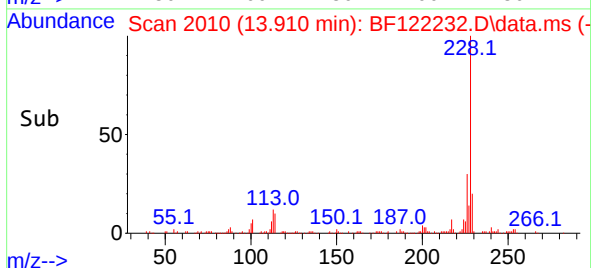
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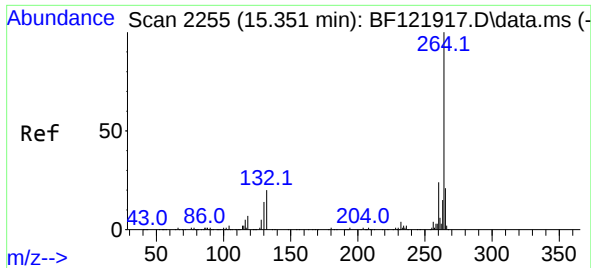


#83
Chrysene
Concen: 5.59 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



Tgt Ion:228 Resp: 73278
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.6 15.9 23.9





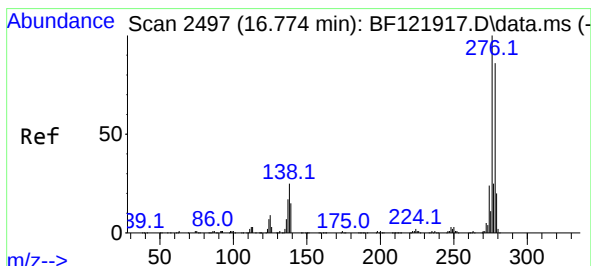
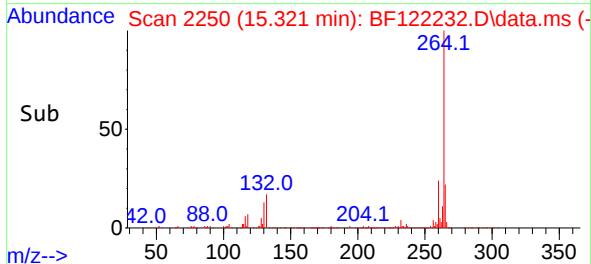
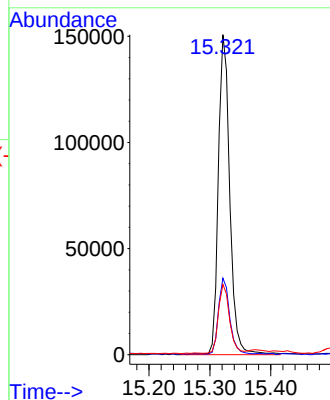
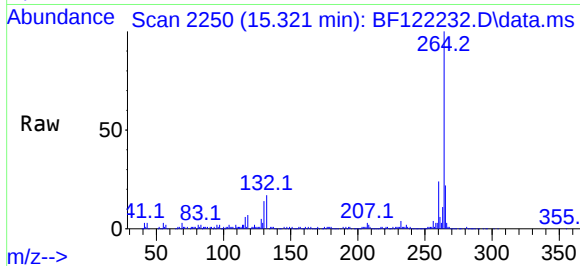
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:	264	Resp:	196318
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.9	17.3	25.9

Instrument :
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ClientSampleId :
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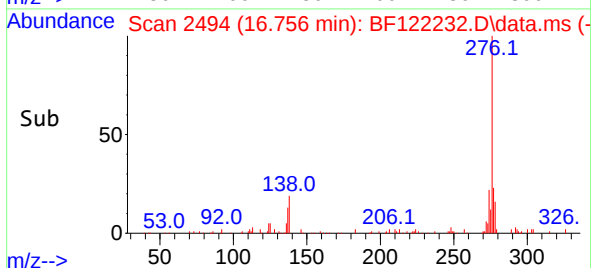
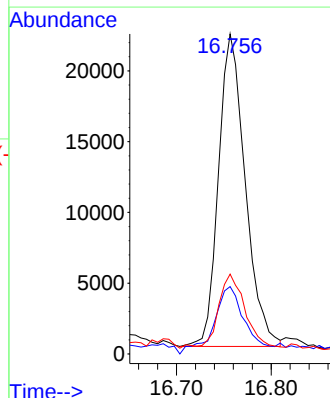
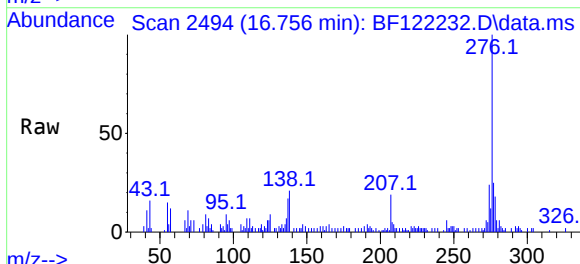
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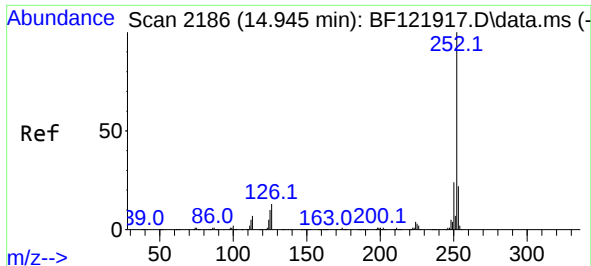
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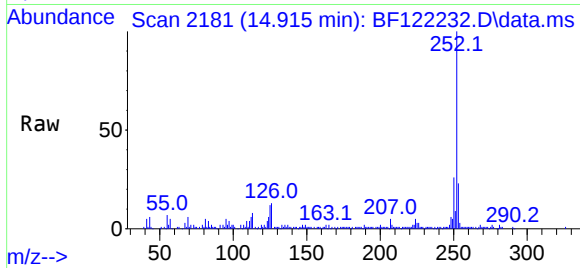
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.40 ng
RT: 16.756 min Scan# 2494
Delta R.T. 0.041 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:	276	Resp:	43375
Ion Ratio	Lower	Upper	
276	100		
138	25.3	19.9	29.9
277	24.9	20.4	30.6

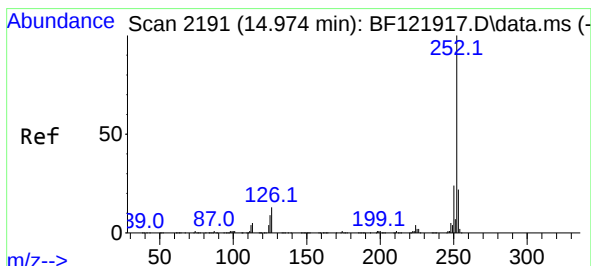
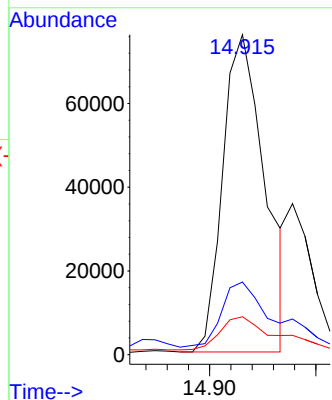
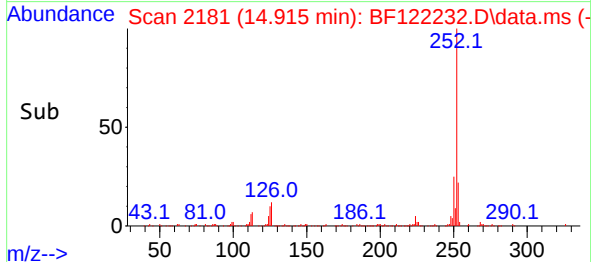




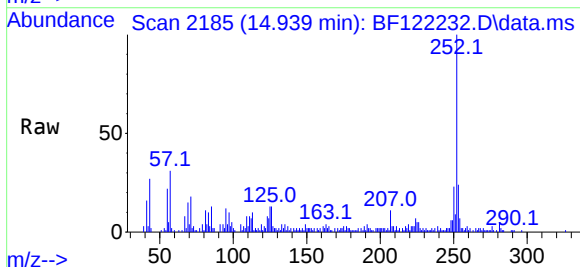
#88
Benzo(b)fluoranthene
Concen: 7.87 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



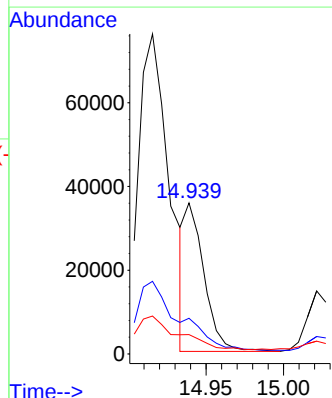
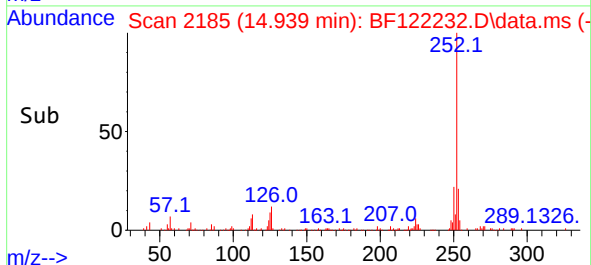
Tgt Ion:252 Resp: 104421
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.9 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.40 ng m
RT: 14.939 min Scan# 2185
Delta R.T. 0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26



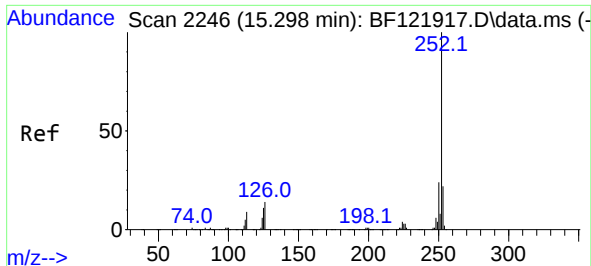
Tgt Ion:252 Resp: 30316
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 12.9 7.7 11.5#



Instrument :
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ClientSampleId :
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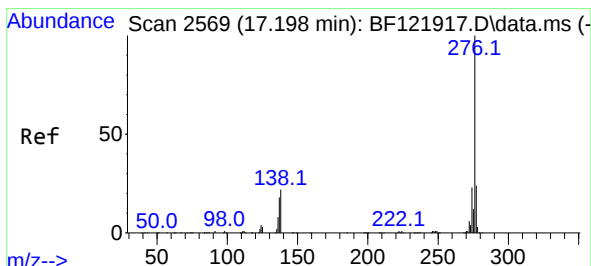
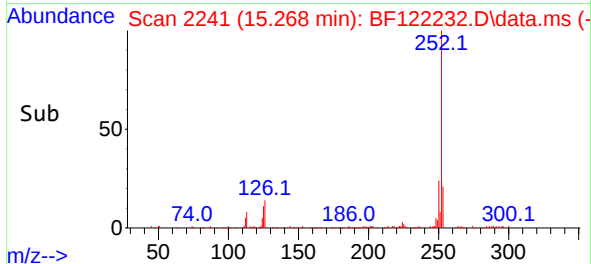
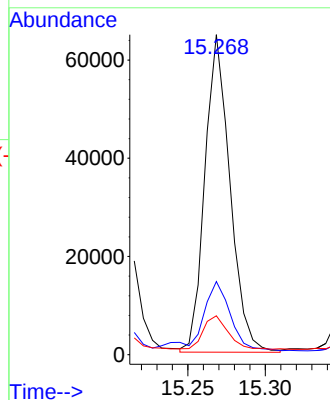
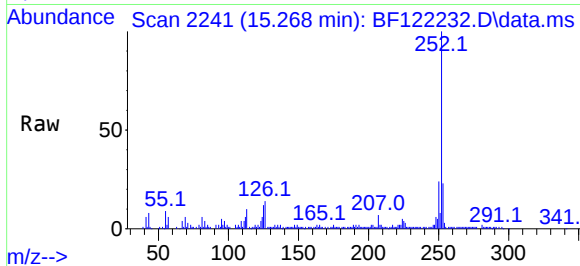
#90
Benzo(a)pyrene
Concen: 6.35 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.018 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:	252	Resp:	72809
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.3	25.9
125	12.1	8.6	13.0

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

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#92
Benzo(g,h,i)perylene
Concen: 4.25 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.053 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:	276	Resp:	44669
Ion Ratio	Lower	Upper	
276	100		
277	28.8	19.4	29.2
138	21.0	17.8	26.6

