

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122235.D
 Acq On : 2 Nov 2020 19:59
 Operator : JU/CG
 Sample : L4521-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

Manual Integrations
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 11/3/2020 10:02:24 AM

Quant Time: Nov 03 00:04:47 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	75330	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	307785	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	156548	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	275488	20.00	ng	0.00
76) Chrysene-d12	13.880	240	199309	20.00	ng	0.00
86) Perylene-d12	15.321	264	192797	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	93061	18.23	ng	0.02
7) Phenol-d6	6.387	99	124382	18.93	ng	0.02
23) Nitrobenzene-d5	7.292	82	75674	12.61	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	30240	15.62	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	144302	13.56	ng	0.00
79) Terphenyl-d14	12.816	244	115536	11.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.475	163	27717	2.42	ng	99
71) Phenanthrene	11.257	178	213562	14.14	ng	98
72) Anthracene	11.316	178	32403	2.07	ng	98
75) Fluoranthene	12.451	202	409305	25.27	ng	97
78) Pyrene	12.680	202	352181	23.19	ng	98
81) Benzo(a)anthracene	13.868	228	131646	10.08	ng	98
83) Chrysene	13.910	228	174535	13.61	ng	99
87) Indeno(1,2,3-cd)pyrene	16.751	276	75030	5.99	ng	93
88) Benzo(b)fluoranthene	14.910	252	188627m	14.47	ng	
89) Benzo(k)fluoranthene	14.933	252	61820m	4.99	ng	
90) Benzo(a)pyrene	15.263	252	108609	9.65	ng	99
92) Benzo(g,h,i)perylene	17.174	276	70125	6.80	ng	97

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

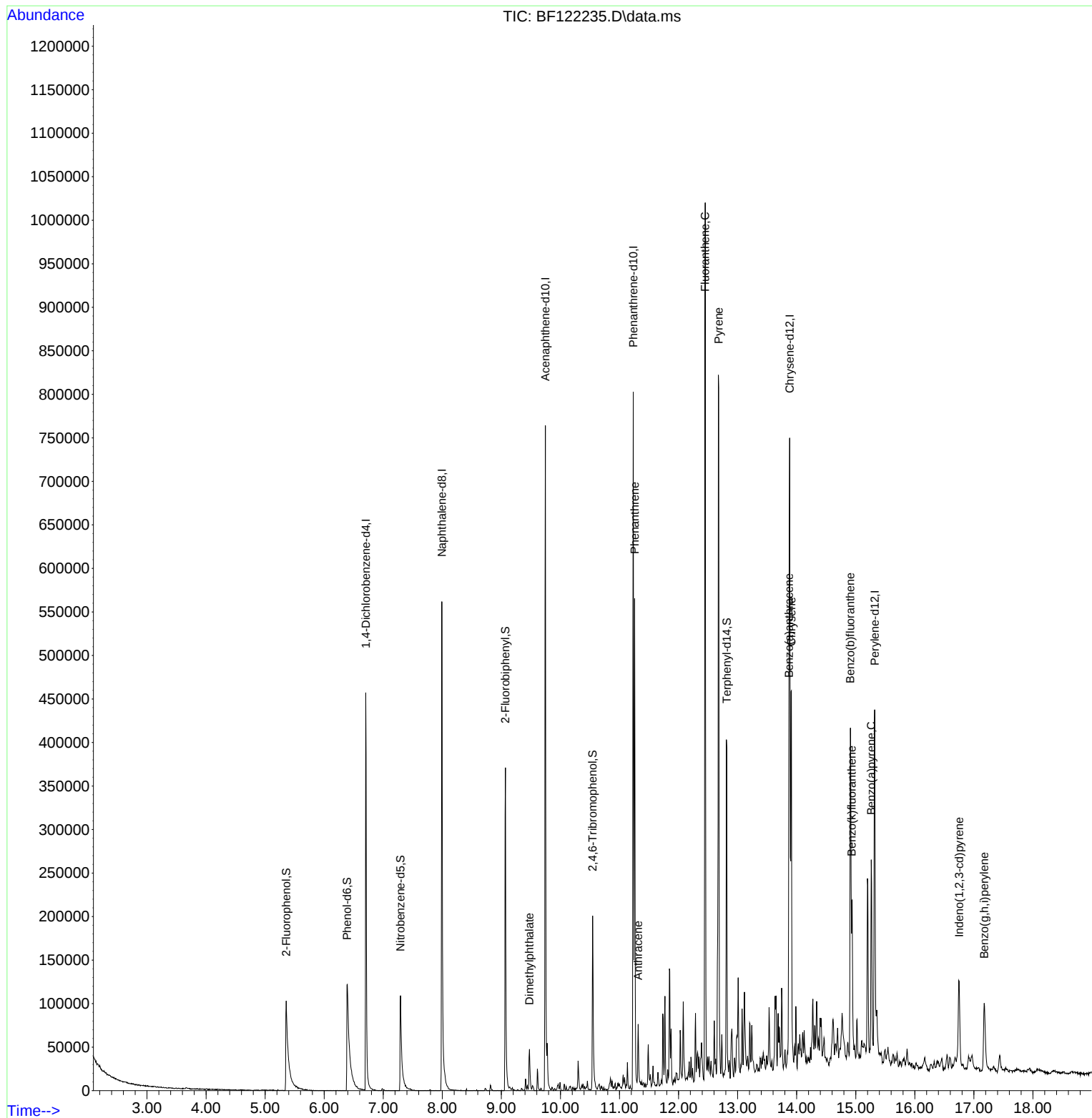
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122235.D
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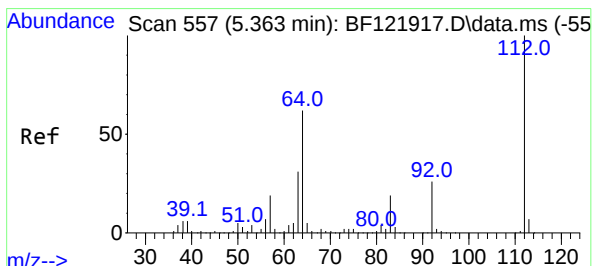
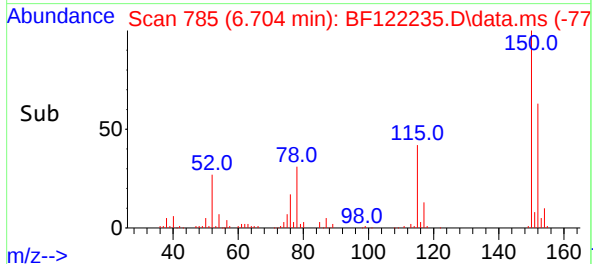
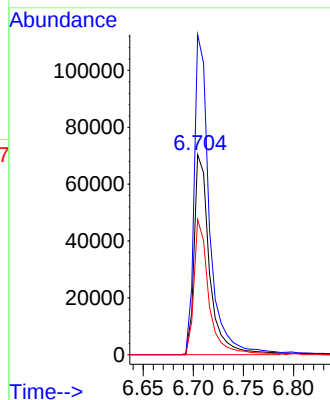
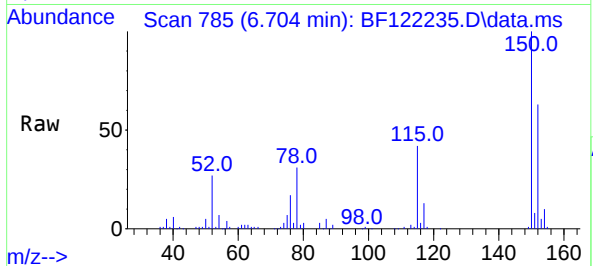
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:152 Resp: 75330
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 67.6 51.9 77.9

Instrument :
BNA_F
ClientSampled :
S-1DL

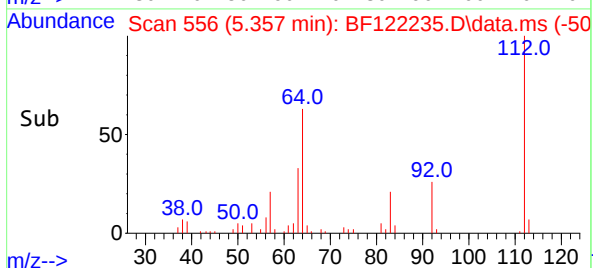
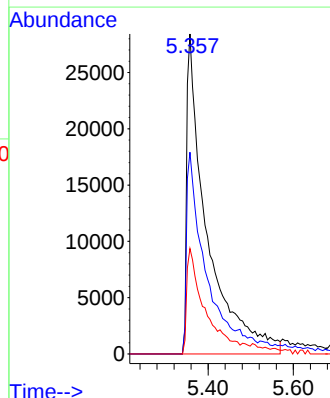
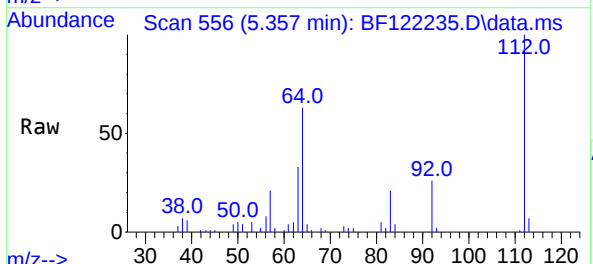
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#5
2-Fluorophenol
Concen: 18.23 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.024 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:112 Resp: 93061
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 32.9 25.8 38.6





#7
Phenol-d6
Concen: 18.93 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.018 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

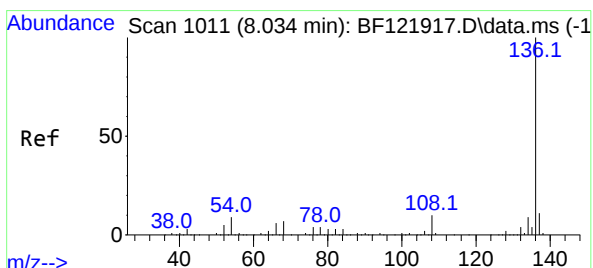
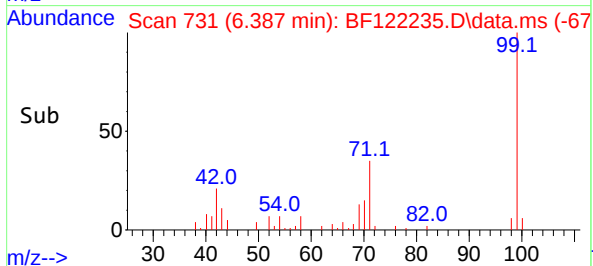
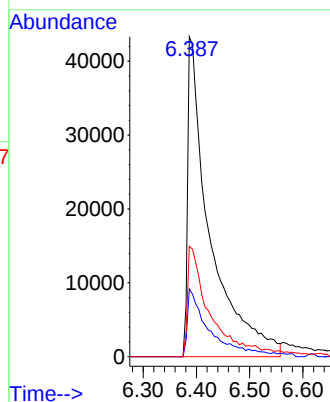
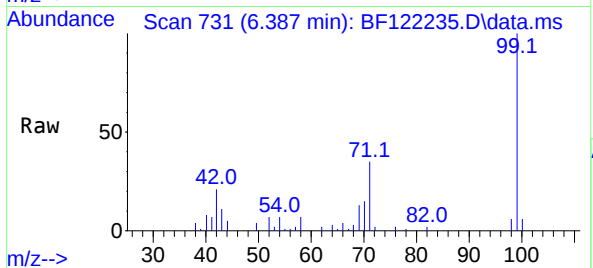
Tgt Ion: 99 Resp: 124382

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.9	23.9
71	34.5	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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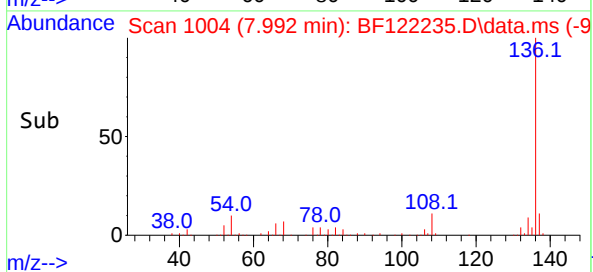
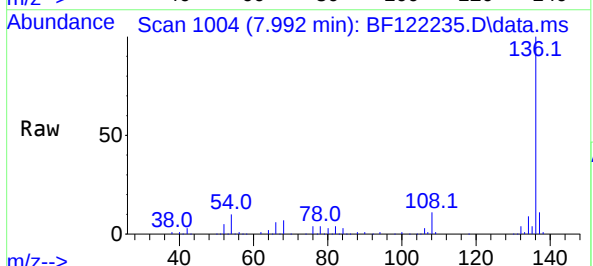
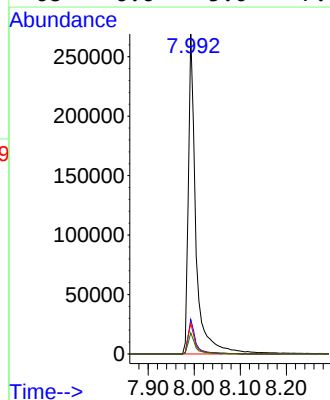
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion: 136 Resp: 307785

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.6	7.1	10.7
68	6.6	5.0	7.4





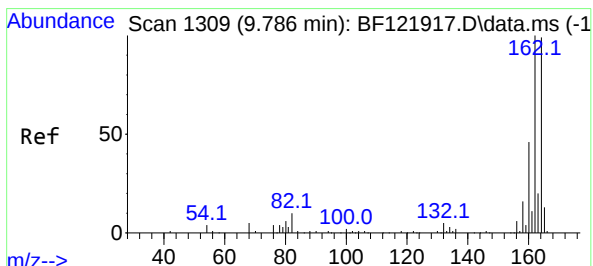
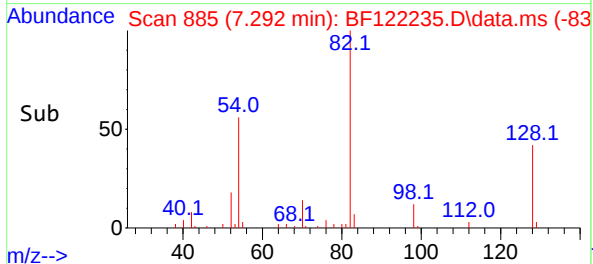
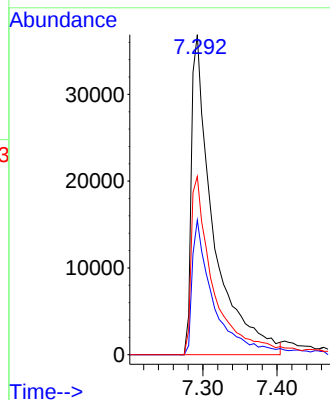
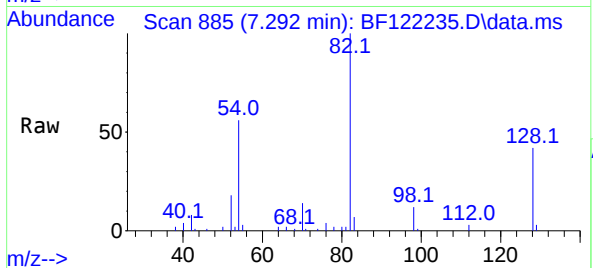
#23
Nitrobenzene-d5
Concen: 12.61 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion: 82 Resp: 75674
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 55.7 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
S-1DL

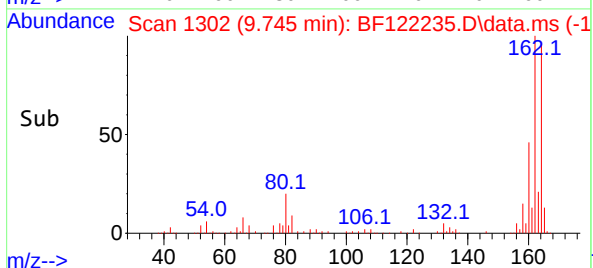
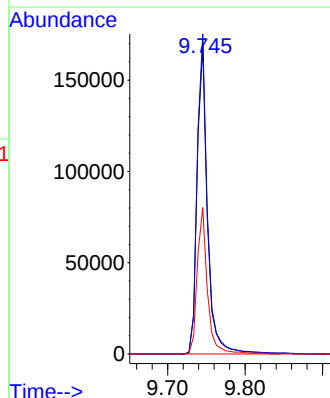
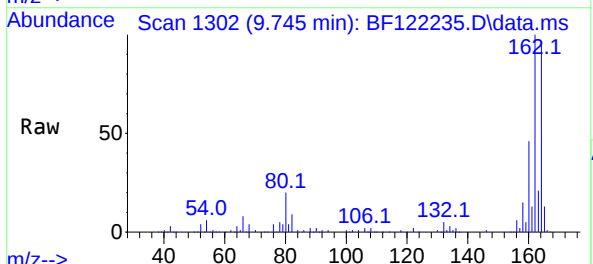
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

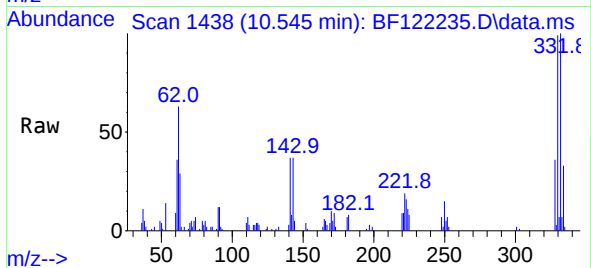
Tgt Ion:164 Resp: 156548
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 47.7 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 15.62 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

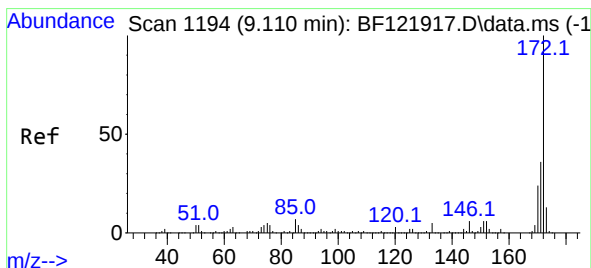
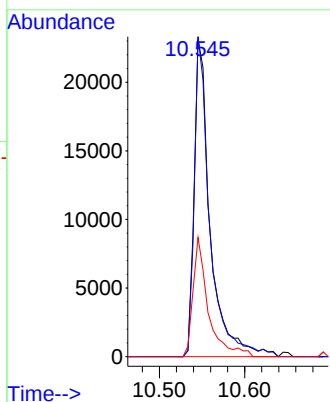
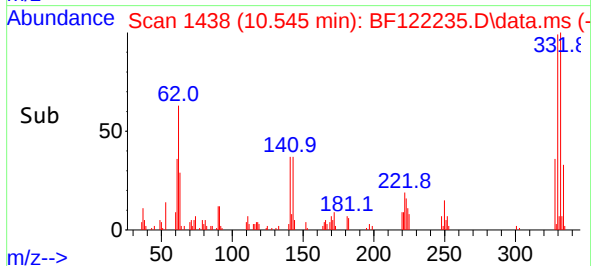
Instrument :
BNA_F
ClientSampled :
S-1DL



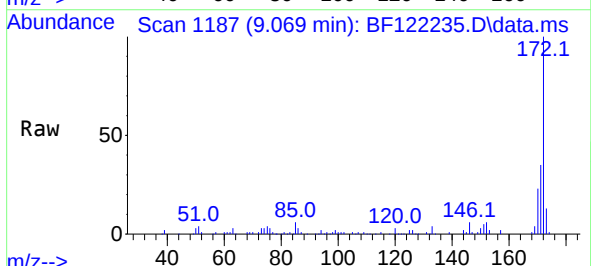
Tgt Ion:330 Resp: 30240
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.8 22.3 33.5#

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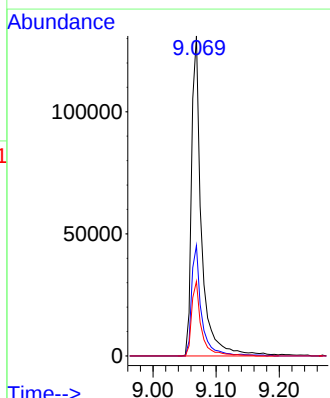
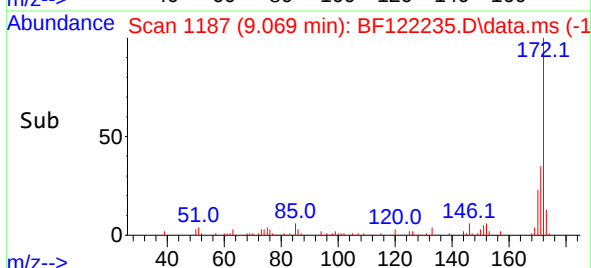
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#45
2-Fluorobiphenyl
Concen: 13.56 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



Tgt Ion:172 Resp: 144302
Ion Ratio Lower Upper
172 100
171 34.5 29.1 43.7
170 23.3 19.8 29.6





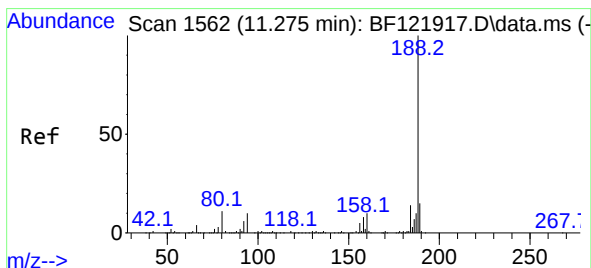
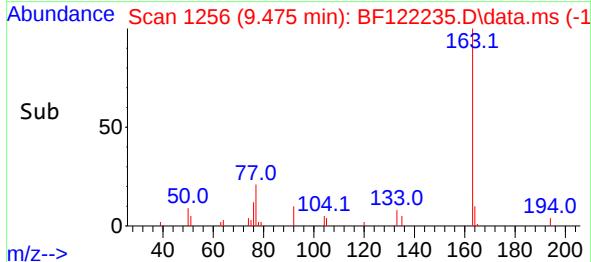
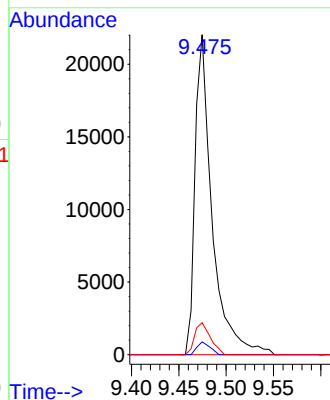
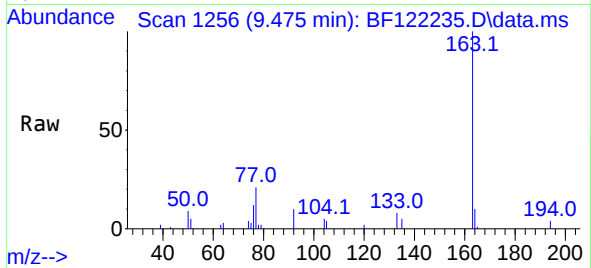
#50
Dimethylphthalate
Concen: 2.42 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:163 Resp: 27717
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.4

Instrument :
BNA_F
ClientSampled :
S-1DL

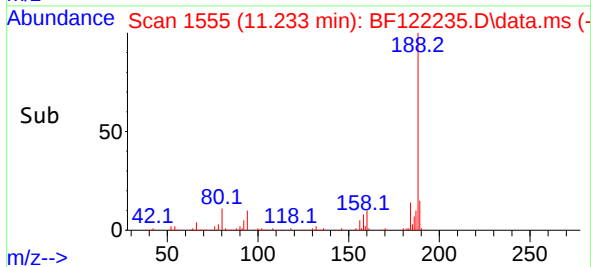
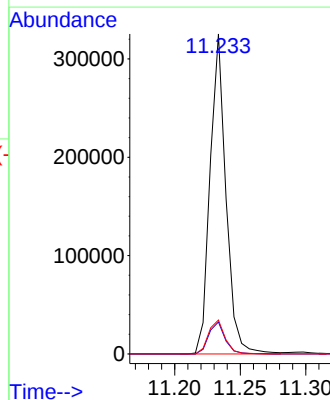
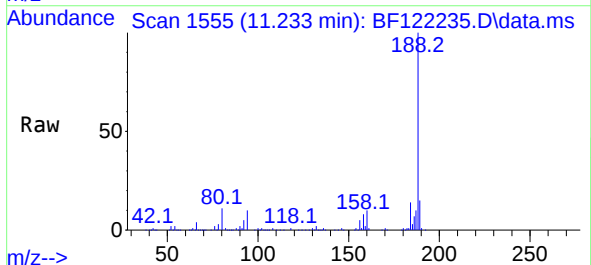
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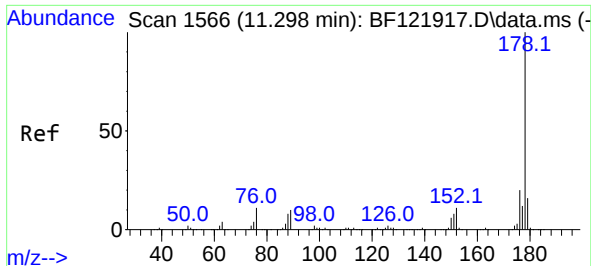
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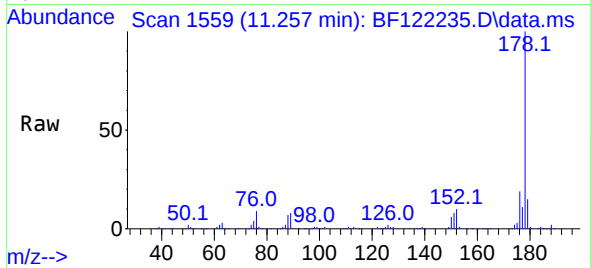
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:188 Resp: 275488
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.6 9.1 13.7

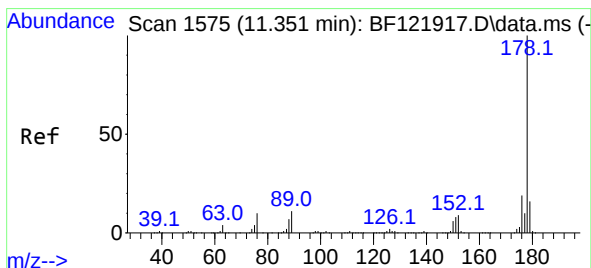
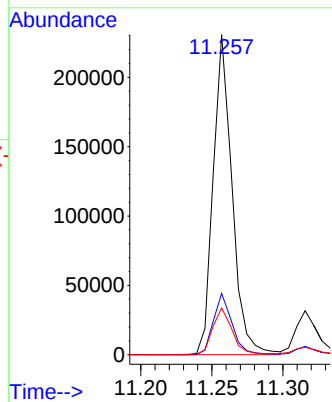
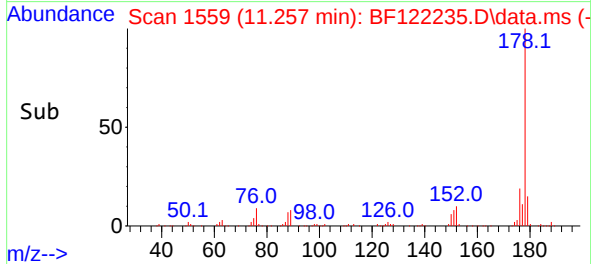




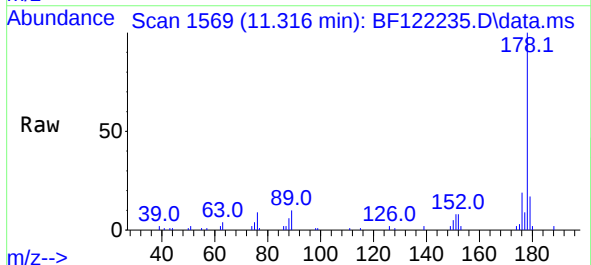
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Phenanthrene
Concen: 14.14 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



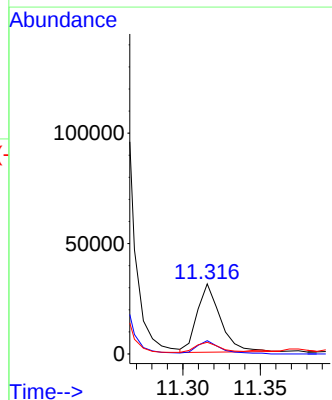
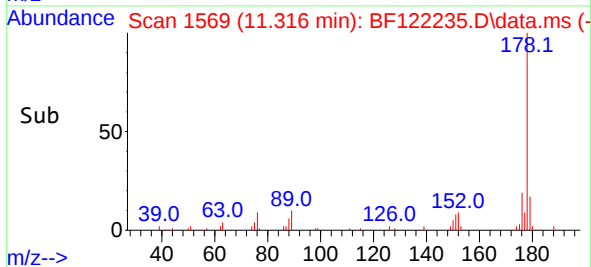
Tgt Ion:178 Resp: 213562
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.6 12.2 18.4



#72
Anthracene
Concen: 2.07 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



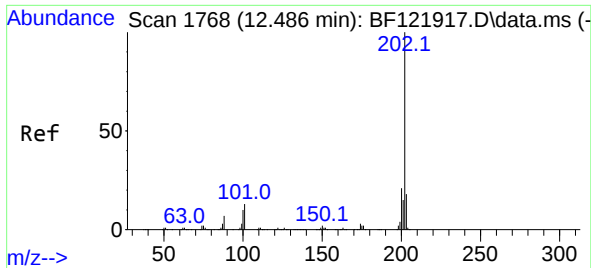
Tgt Ion:178 Resp: 32403
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.7 12.7 19.1



Instrument :
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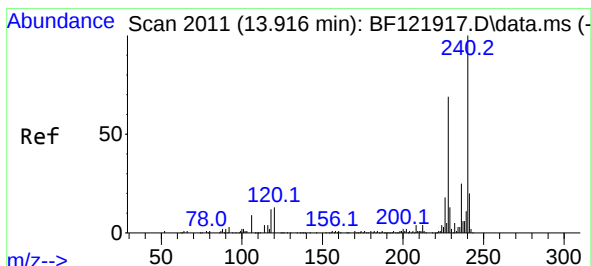
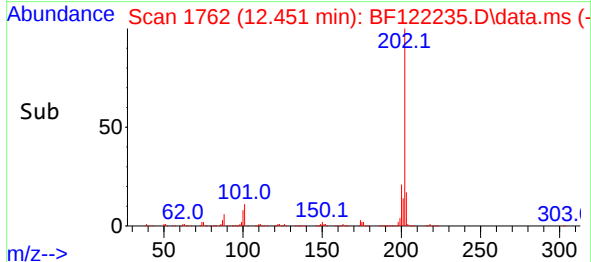
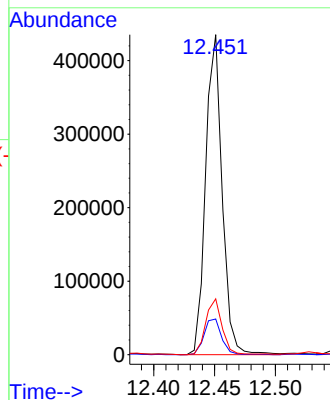
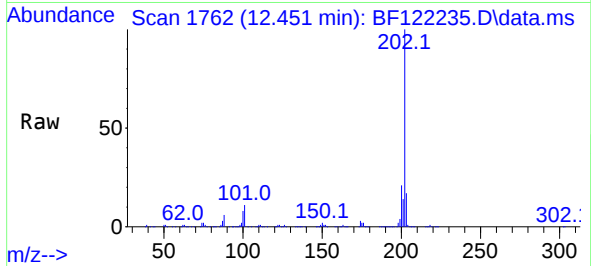
#75
Fluoranthene
Concen: 25.27 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:	202	Resp:	409305
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.4
203	17.5	0.0	37.9

Instrument :
BNA_F
ClientSampled :
S-1DL

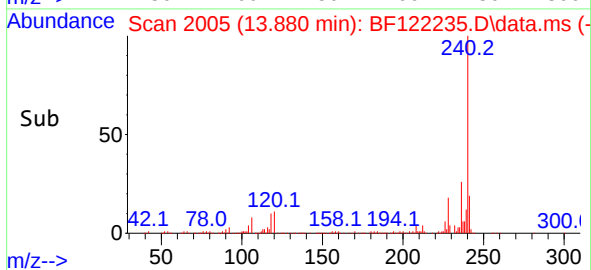
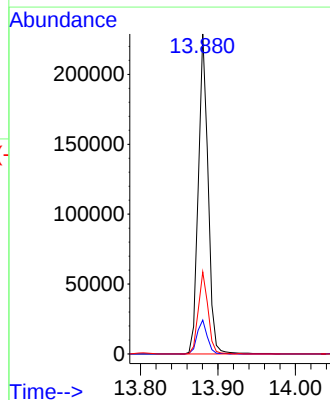
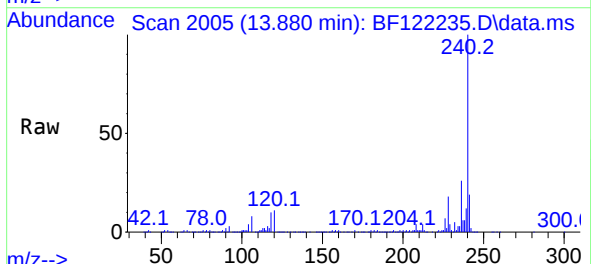
Manual Integrations
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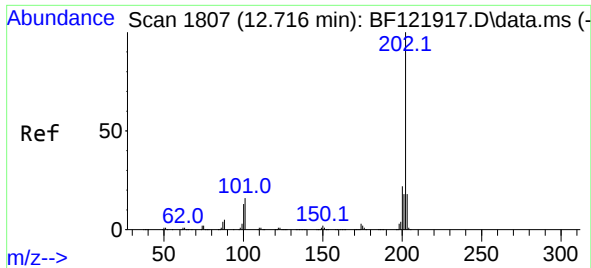
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:	240	Resp:	199309
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.2	13.8
236	25.6	20.9	31.3





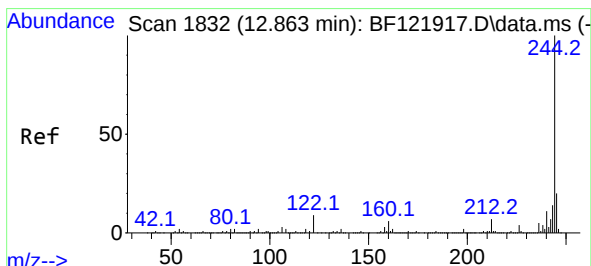
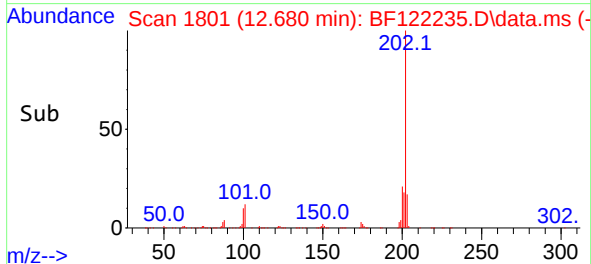
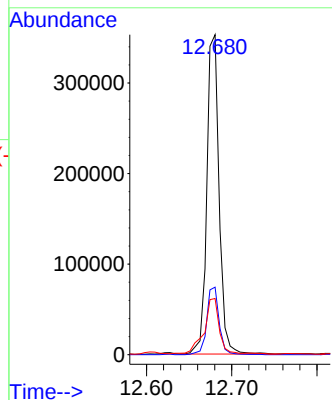
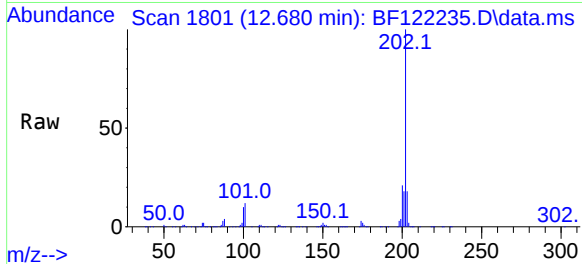
#78
Pyrene
Concen: 23.19 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:	202	Resp:	352181
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.6	21.8

Instrument :
BNA_F
ClientSampled :
S-1DL

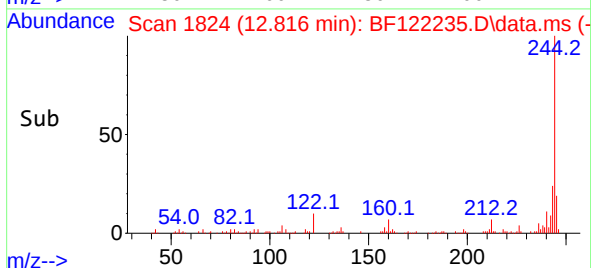
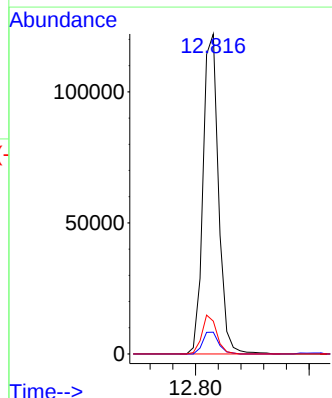
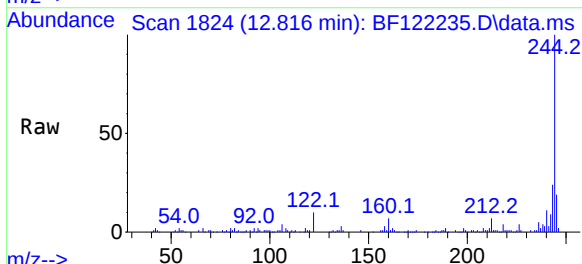
Manual Integrations
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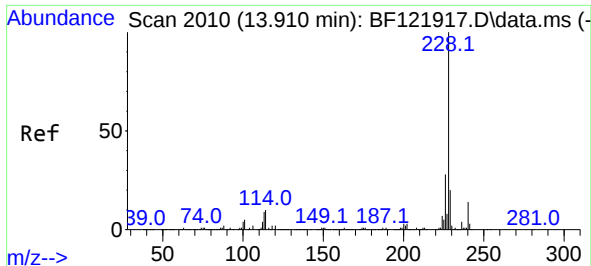
mohammad
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#79
Terphenyl-d14
Concen: 11.05 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

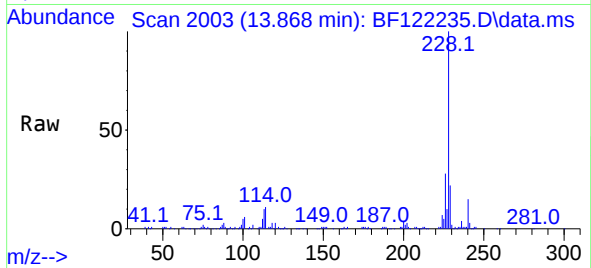
Tgt Ion:	244	Resp:	115536
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.2	8.1	12.1





#81
Benzo(a)anthracene
Concen: 10.08 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

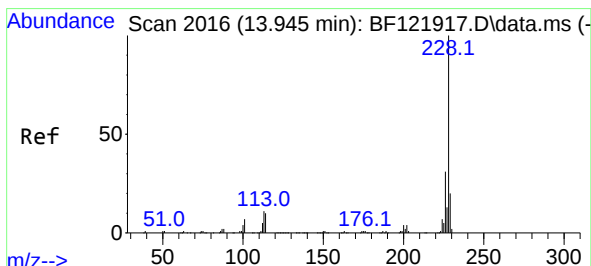
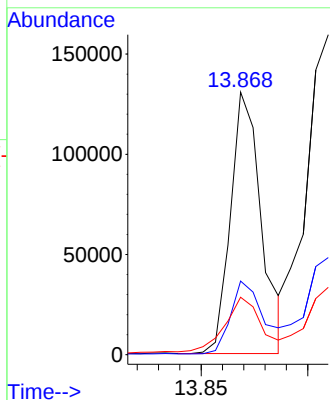
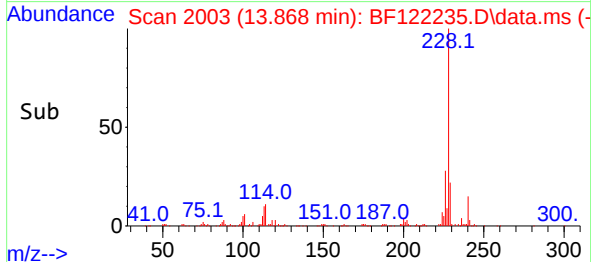
Instrument :
BNA_F
ClientSampled :
S-1DL



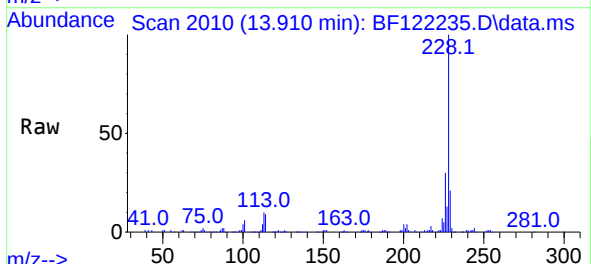
Tgt Ion:228 Resp: 131646
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 21.9 16.2 24.4

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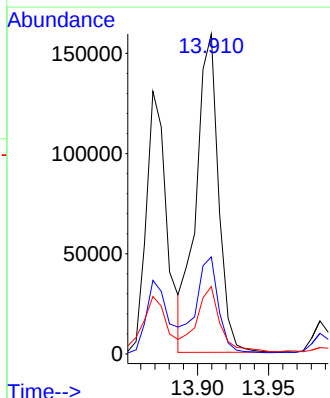
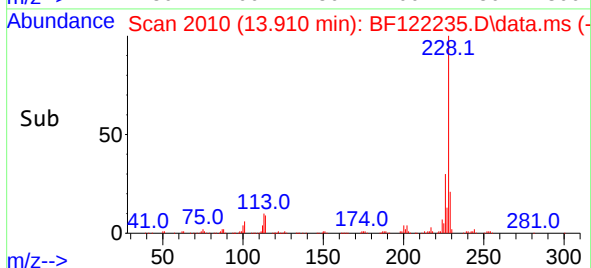
mohammad
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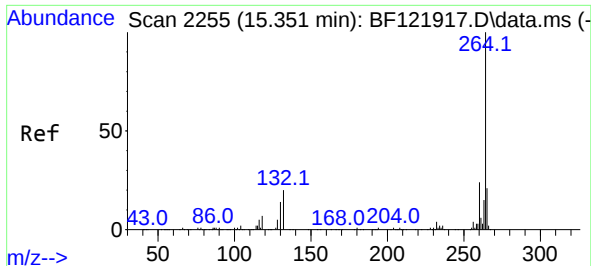


#83
Chrysene
Concen: 13.61 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



Tgt Ion:228 Resp: 174535
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.1 15.9 23.9





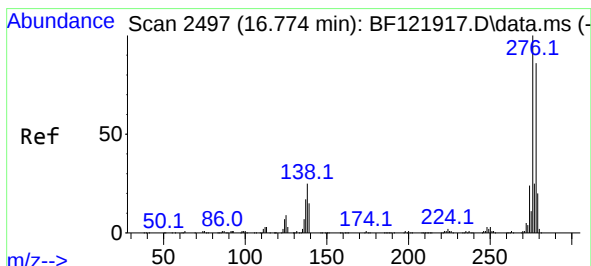
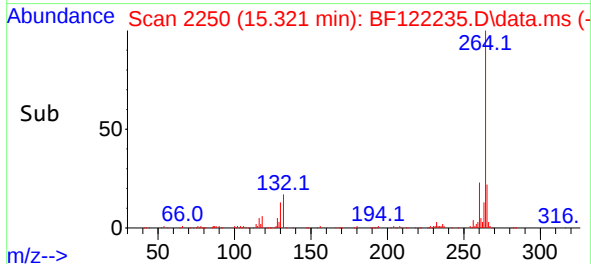
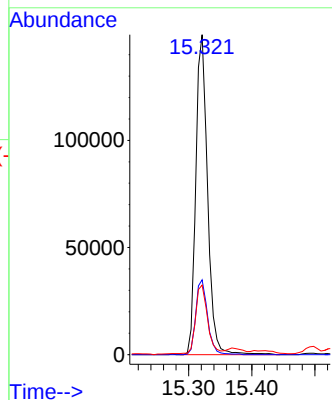
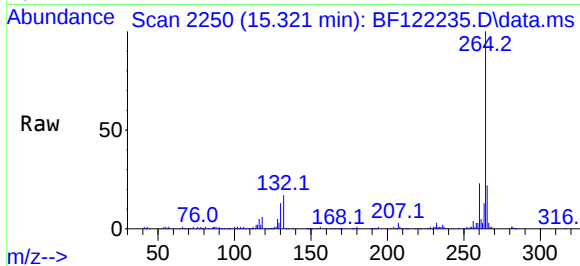
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

Tgt Ion:	264	Resp:	192797
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.8	17.3	25.9

Instrument :
BNA_F
ClientSampleId :
S-1DL

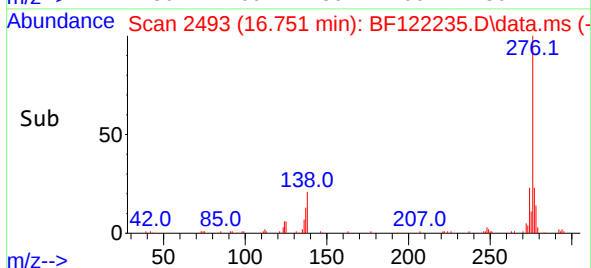
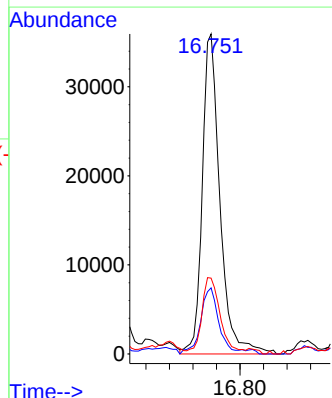
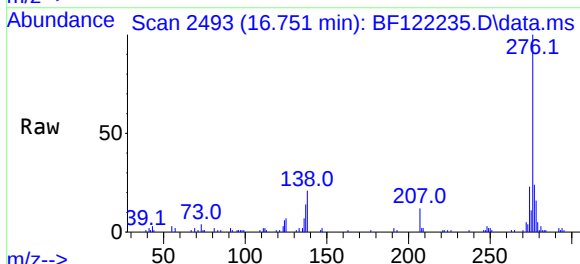
Manual Integrations
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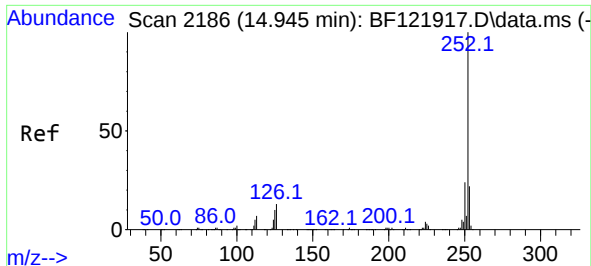
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.99 ng
RT: 16.751 min Scan# 2493
Delta R.T. 0.035 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

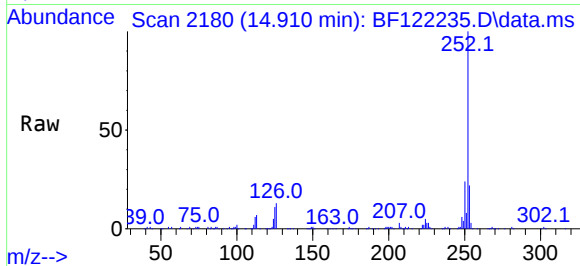
Tgt Ion:	276	Resp:	75030
Ion Ratio	Lower	Upper	
276	100		
138	21.0	19.9	29.9
277	22.4	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 14.47 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

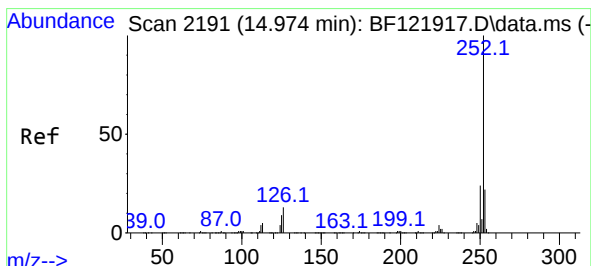
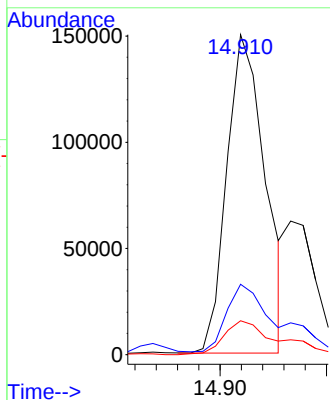
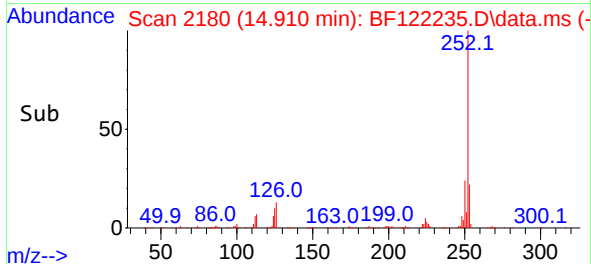
Instrument :
BNA_F
ClientSampled :
S-1DL



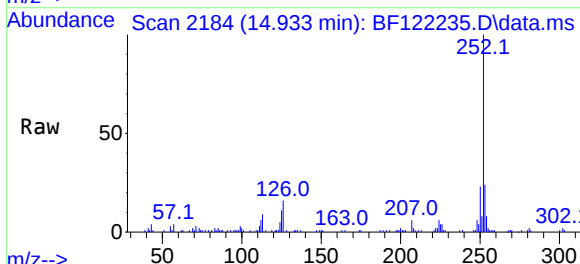
Tgt Ion:252 Resp: 188627
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.6 8.0 12.0

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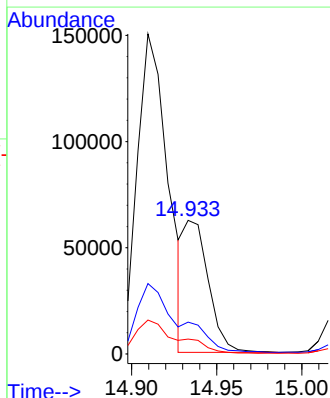
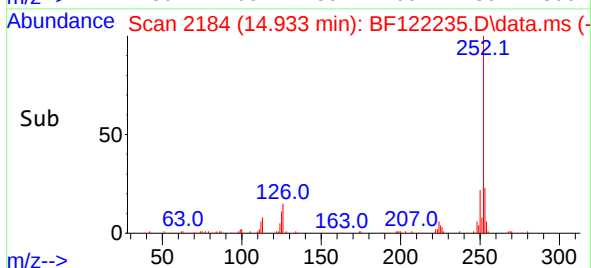
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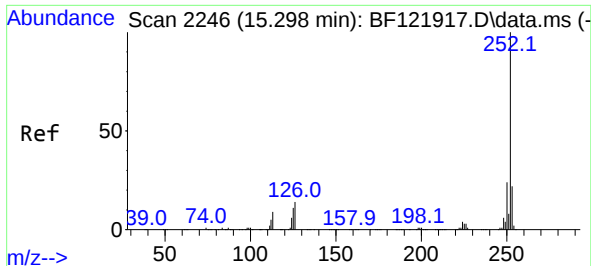


#89
Benzo(k)fluoranthene
Concen: 4.99 ng m
RT: 14.933 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59

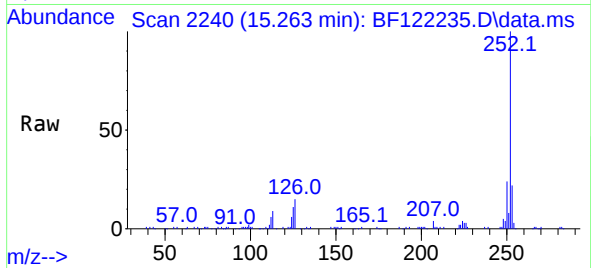


Tgt Ion:252 Resp: 61820
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 11.1 7.7 11.5

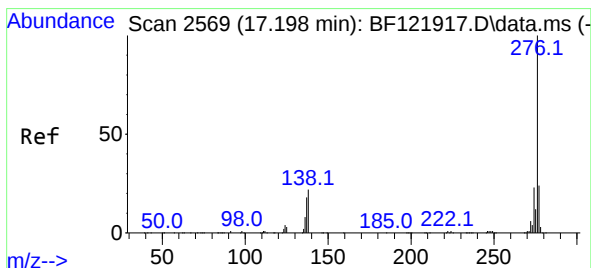
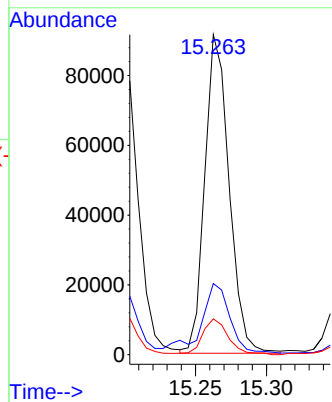
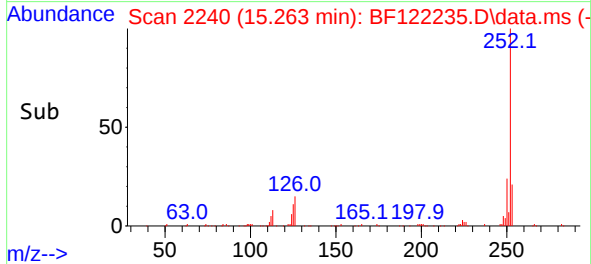




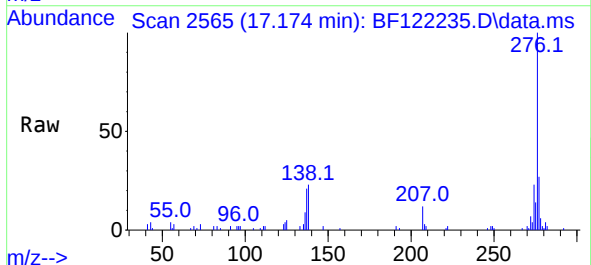
#90
Benzo(a)pyrene
Concen: 9.65 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



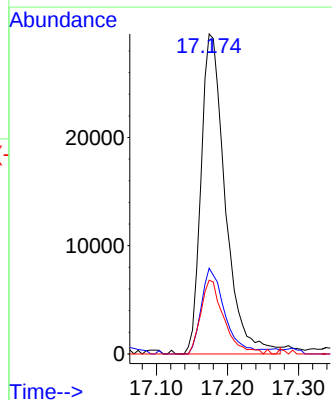
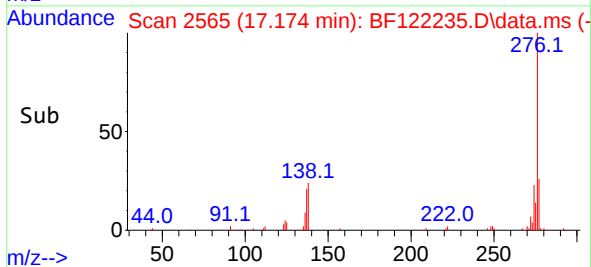
Tgt Ion:252 Resp: 108609
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.2 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 6.80 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122235.D
Acq: 2 Nov 2020 19:59



Tgt Ion:276 Resp: 70125
Ion Ratio Lower Upper
276 100
277 26.8 19.4 29.2
138 23.0 17.8 26.6



Instrument :
BNA_F
ClientSampled :
S-1DL

Manual Integrations
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