

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121977.D
 Acq On : 15 Oct 2020 3:55
 Operator : JU/CG
 Sample : L4389-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Manual Integrations
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 10/15/2020 10:47:33 AM

Quant Time: Oct 15 04:58:15 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	6.739	152	105043	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	406417	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	193180	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	314549	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	248442	20.00	ng	-0.01
86) Perylene-d12	15.339	264	199199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	621710	87.35	ng	0.00
7) Phenol-d6	6.386	99	784882	85.67	ng	-0.01
23) Nitrobenzene-d5	7.310	82	533902	67.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	160523	67.17	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	720933	54.91	ng	-0.01
79) Terphenyl-d14	12.845	244	493752	37.87	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	115759	8.19	ng	98
71) Phenanthrene	11.286	178	116525	6.76	ng	98
75) Fluoranthene	12.474	202	309938	16.76	ng	99
78) Pyrene	12.704	202	258145	13.63	ng	99
81) Benzo(a)anthracene	13.892	228	124766	7.66	ng	99
83) Chrysene	13.927	228	146201m	9.15	ng	
87) Indeno(1,2,3-cd)pyrene	16.756	276	63363	4.90	ng	96
88) Benzo(b)fluoranthene	14.927	252	165683m	12.30	ng	
89) Benzo(k)fluoranthene	14.951	252	53282m	4.17	ng	
90) Benzo(a)pyrene	15.280	252	97804	8.41	ng	# 95
92) Benzo(g,h,i)perylene	17.180	276	61774	5.80	ng	98

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

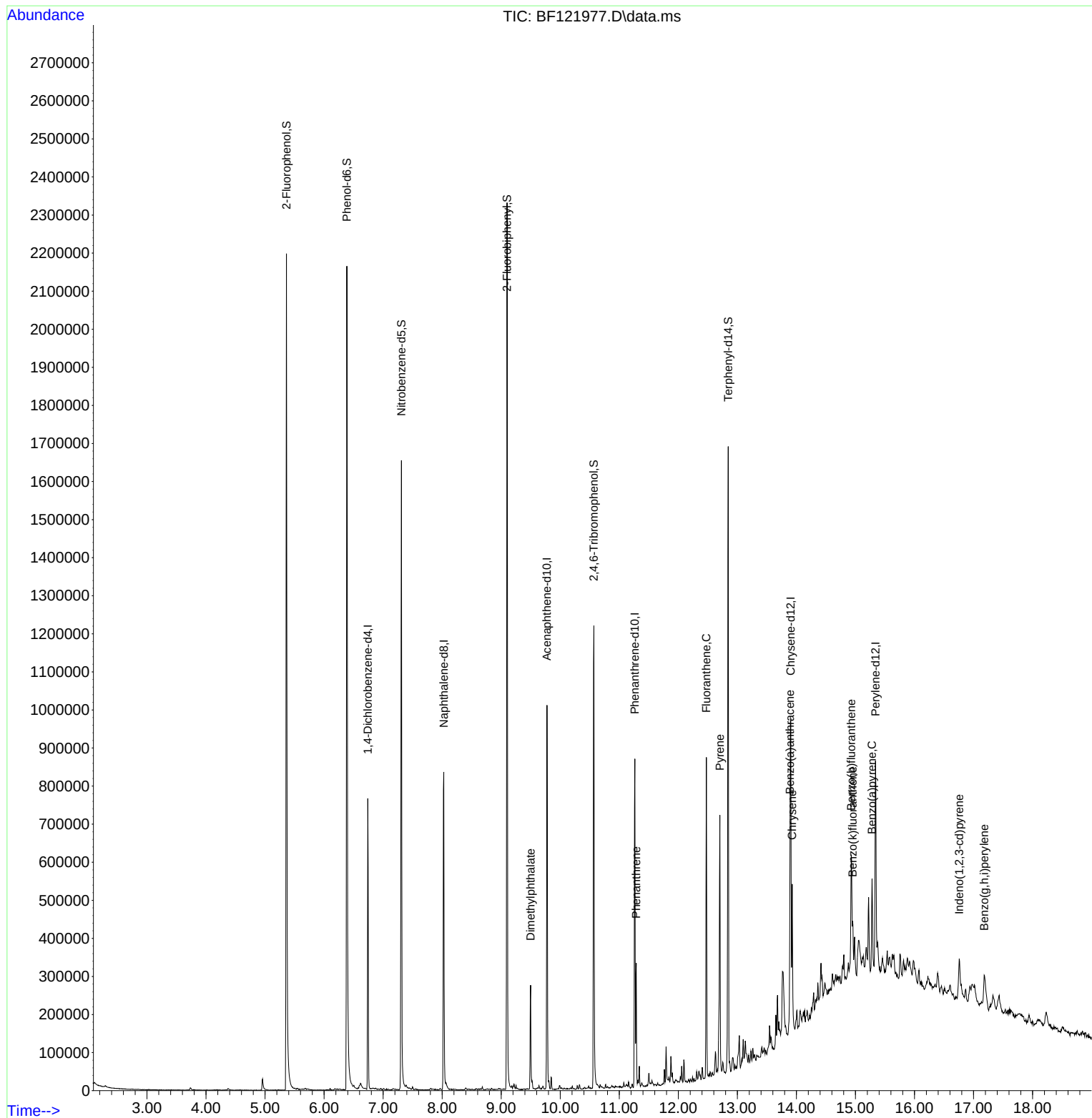
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121977.D
Acq On : 15 Oct 2020 3:55
Operator : JU/CG
Sample : L4389-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

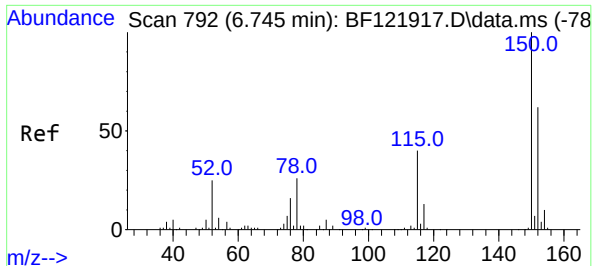
Instrument :
BNA_F
ClientSampled :
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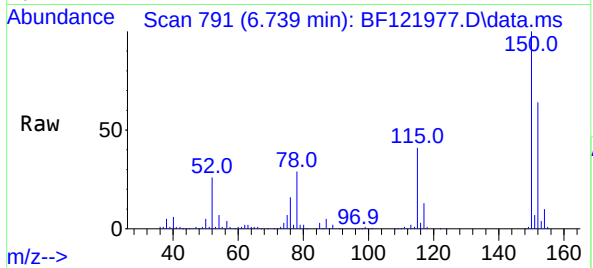
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Quant Time: Oct 15 04:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
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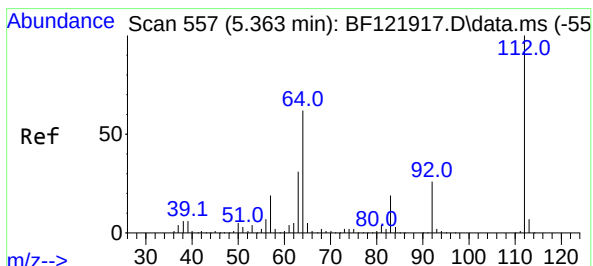
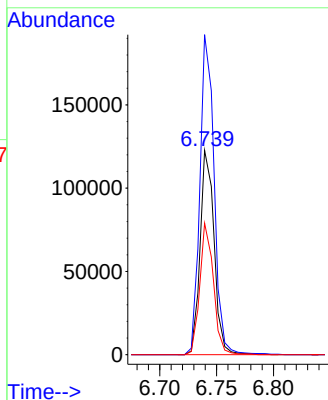
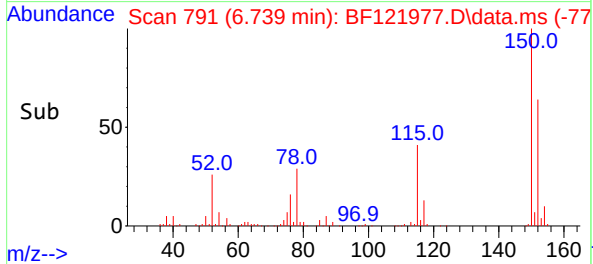




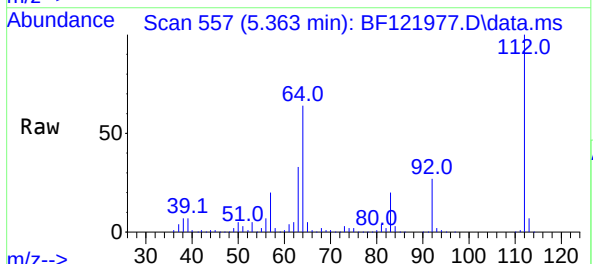
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55



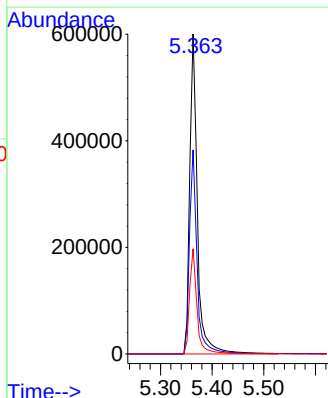
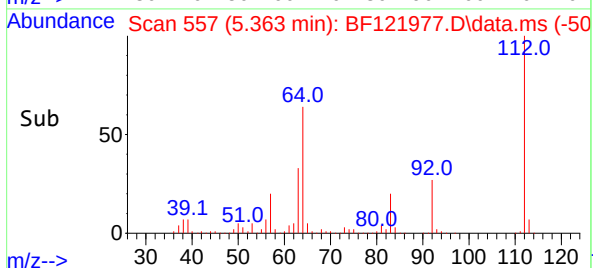
Tgt Ion:152 Resp: 105043
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 64.4 51.9 77.9



#5
2-Fluorophenol
Concen: 87.35 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55



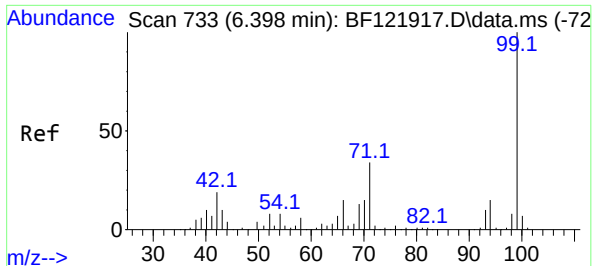
Tgt Ion:112 Resp: 621710
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 32.9 25.8 38.6



Instrument :
BNA_F
ClientSampleId :
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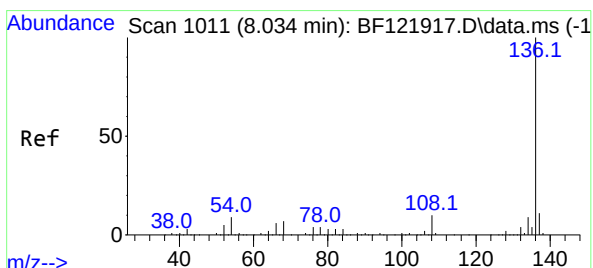
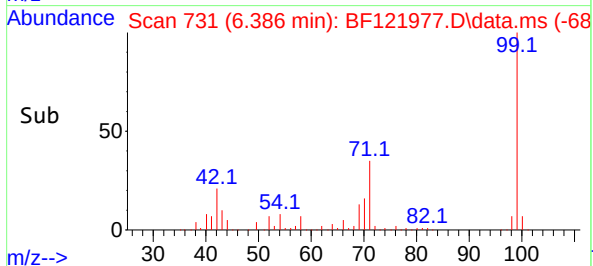
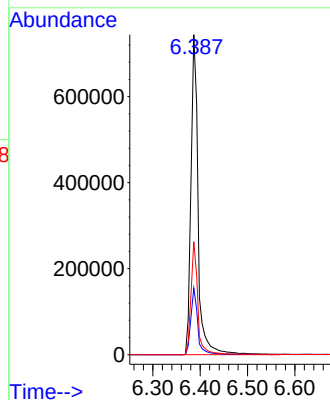
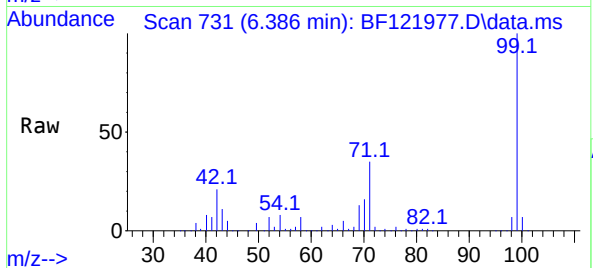
#7
Phenol-d6
Concen: 85.67 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion: 99 Resp: 784882
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.3 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
BG-1

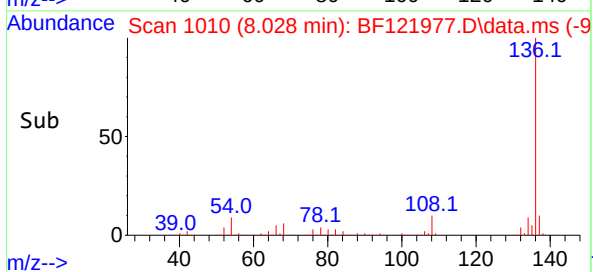
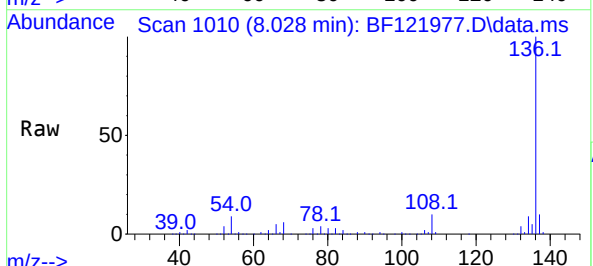
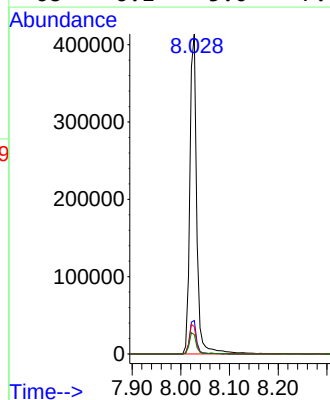
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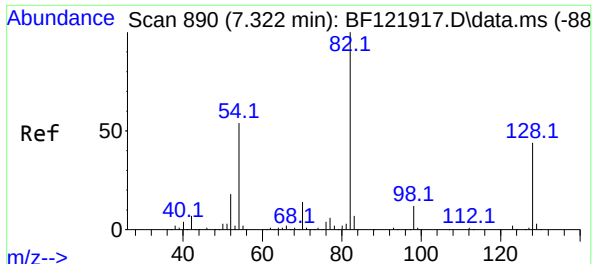
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion: 136 Resp: 406417
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.6 7.1 10.7
68 6.1 5.0 7.4





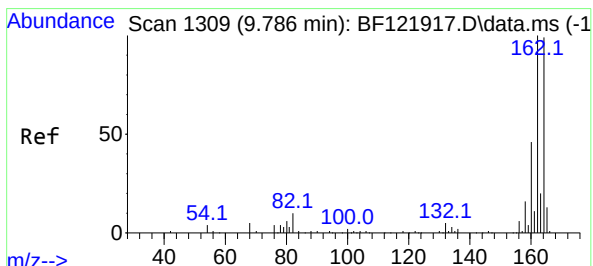
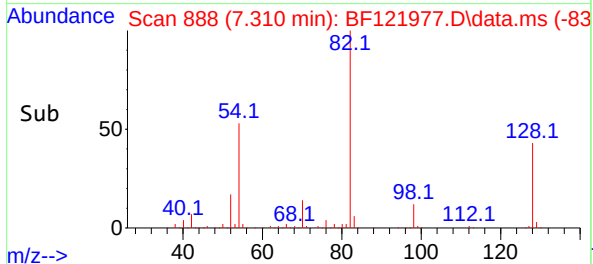
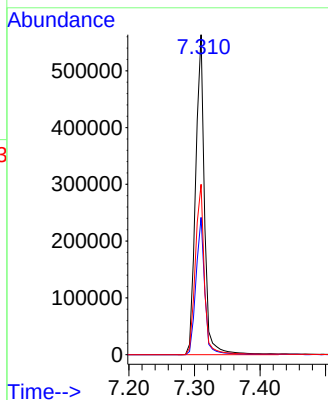
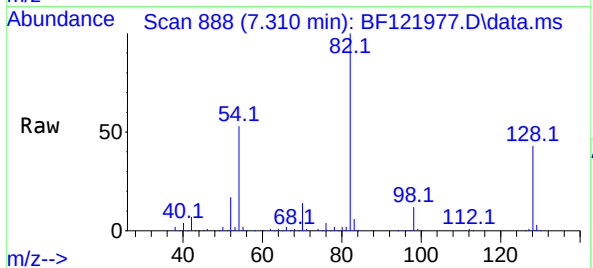
#23
Nitrobenzene-d5
Concen: 67.37 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:	82	Resp:	533902
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.2	43.9	65.9

Instrument :
BNA_F
ClientSampleId :
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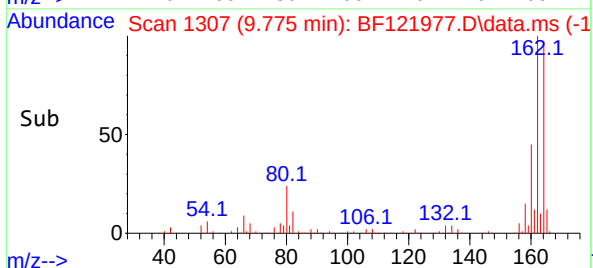
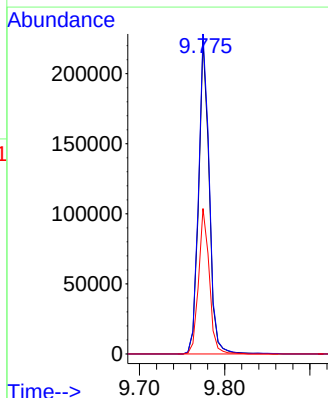
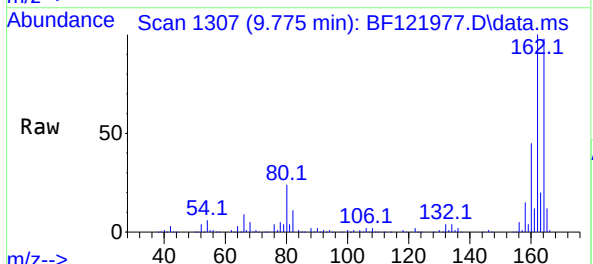
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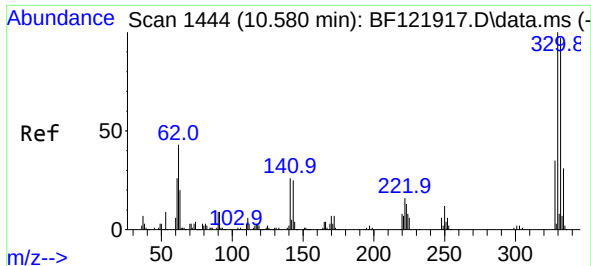
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

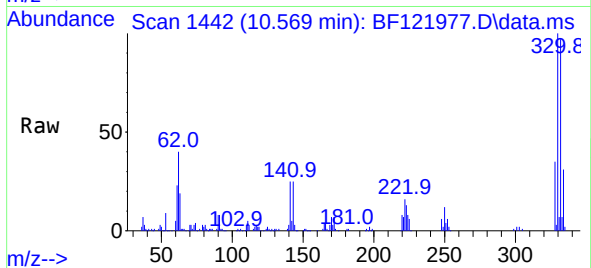
Tgt Ion:	164	Resp:	193180
Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.2	124.8
160	46.4	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 67.17 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

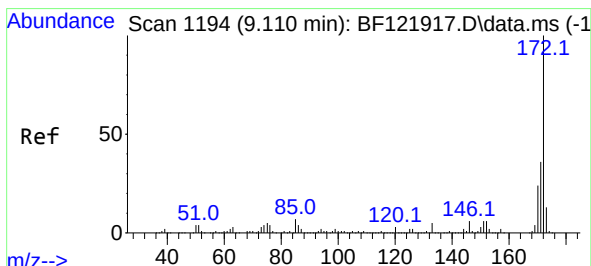
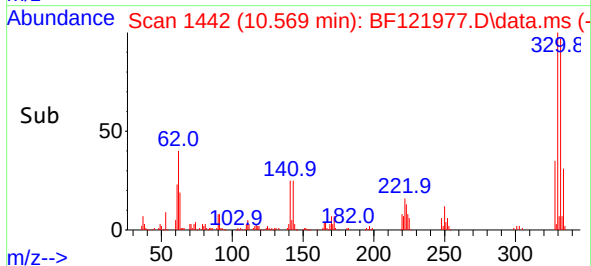
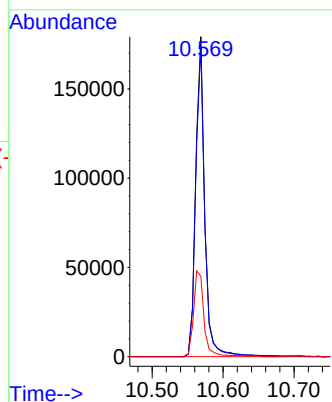
Instrument :
BNA_F
ClientSampled :
BG-1



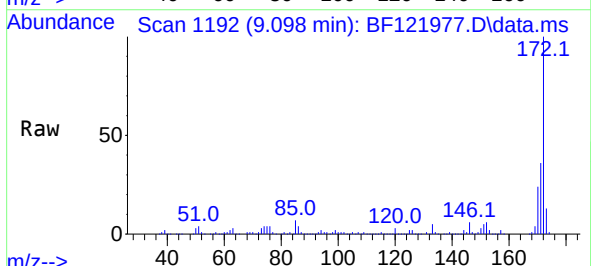
Tgt Ion:330 Resp: 160523
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.8 22.3 33.5

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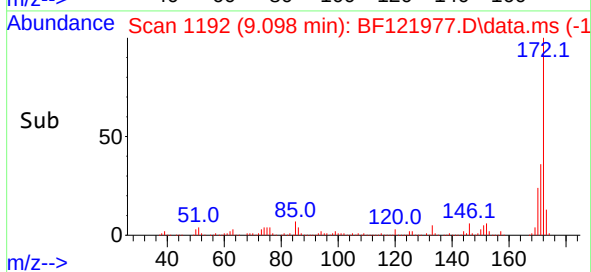
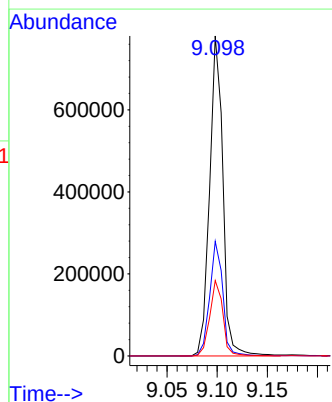
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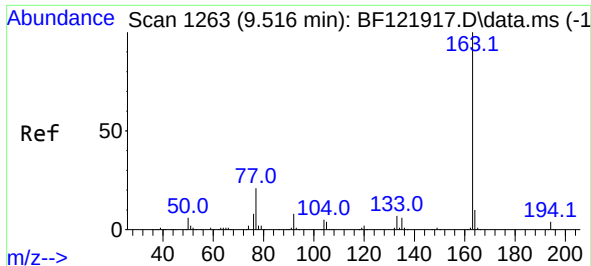


#45
2-Fluorobiphenyl
Concen: 54.91 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121977.D
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Tgt Ion:172 Resp: 720933
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.5 19.8 29.6





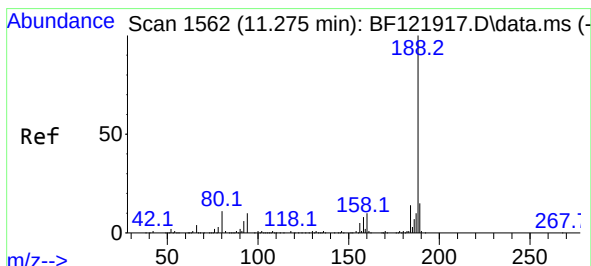
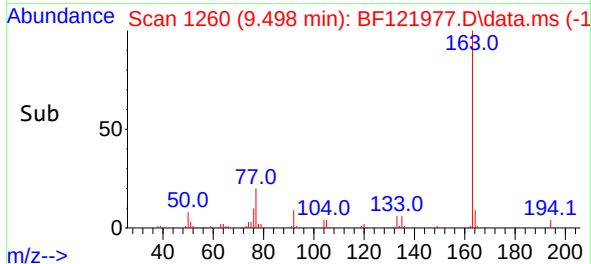
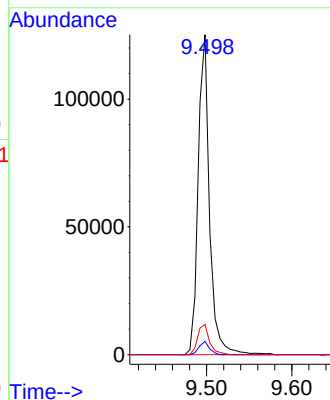
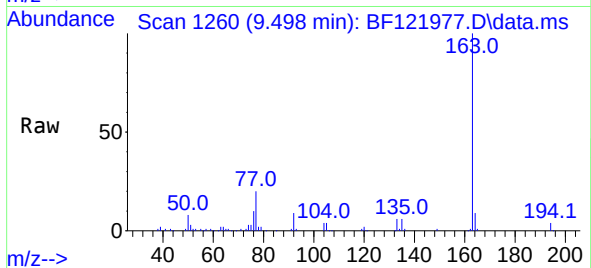
#50
Dimethylphthalate
Concen: 8.19 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:163 Resp: 115759
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.2 12.4

Instrument :
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ClientSampled :
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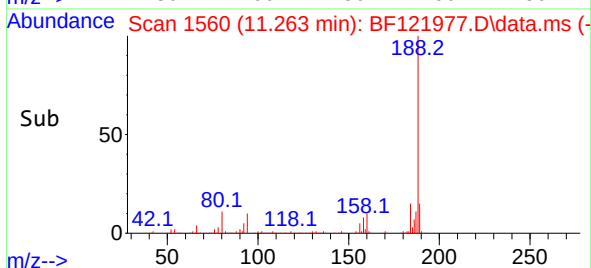
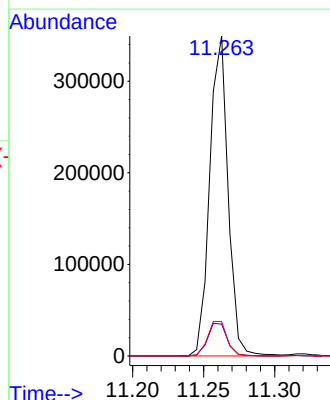
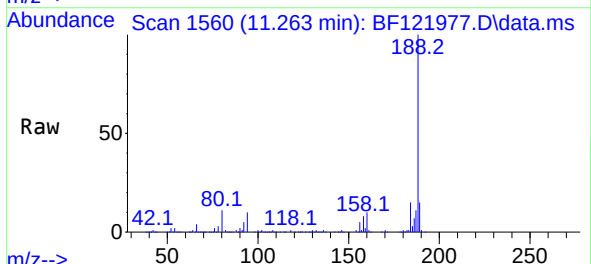
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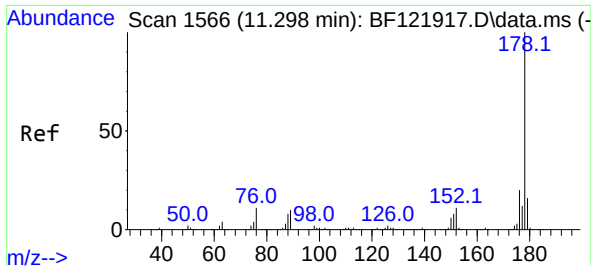
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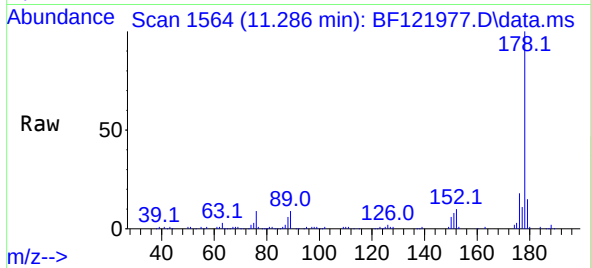
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:188 Resp: 314549
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.1 13.7

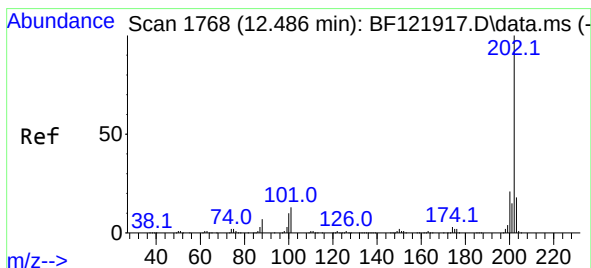
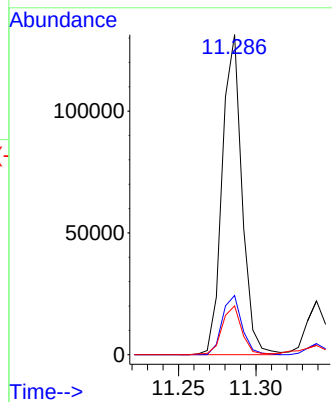
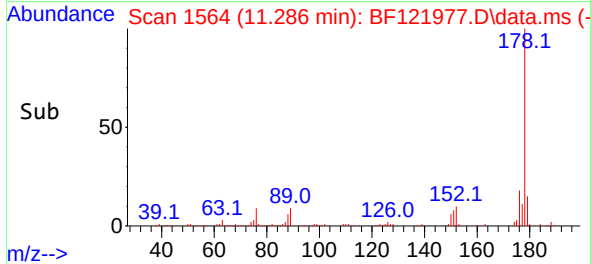




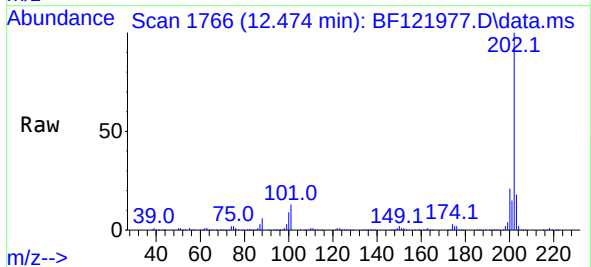
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Phenanthrene
Concen: 6.76 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55



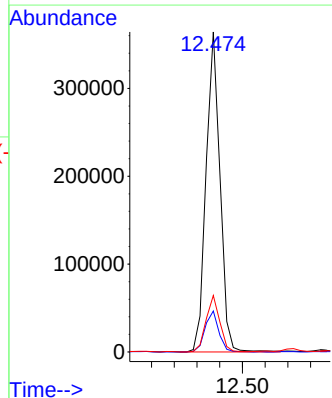
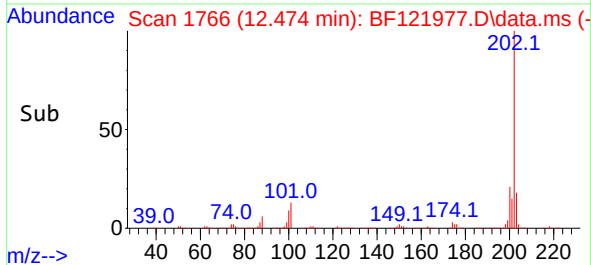
Tgt Ion:178 Resp: 116525
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.3 12.2 18.4



#75
Fluoranthene
Concen: 16.76 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55



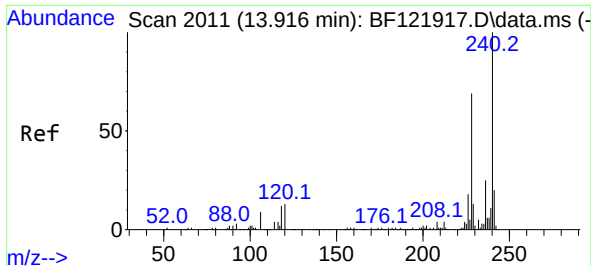
Tgt Ion:202 Resp: 309938
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.4
203 17.6 0.0 37.9



Instrument :
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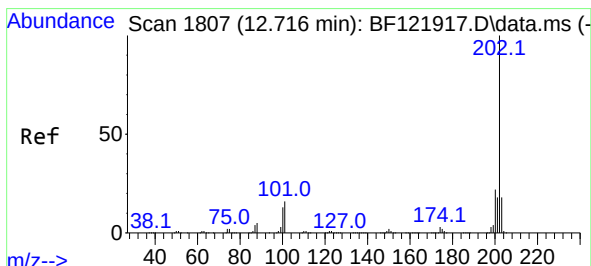
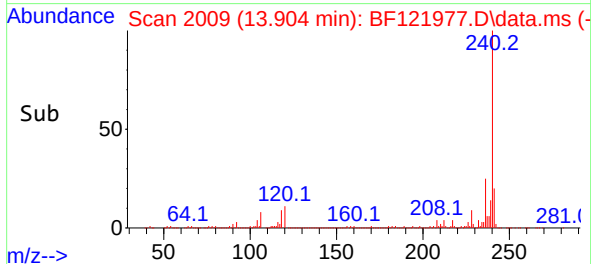
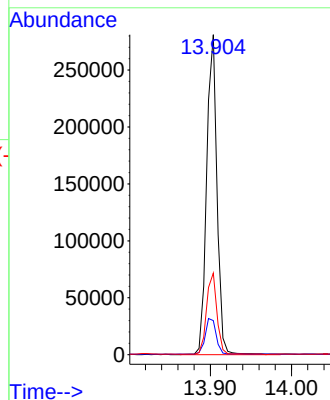
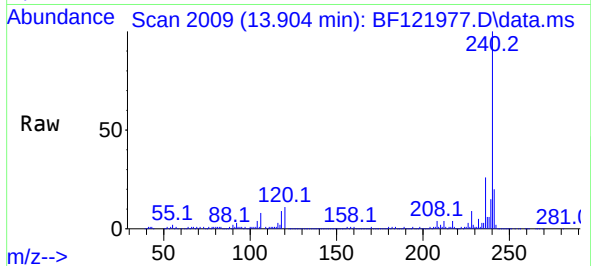
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:240 Resp: 248442
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.5 20.9 31.3

Instrument :
BNA_F
ClientSampled :
BG-1

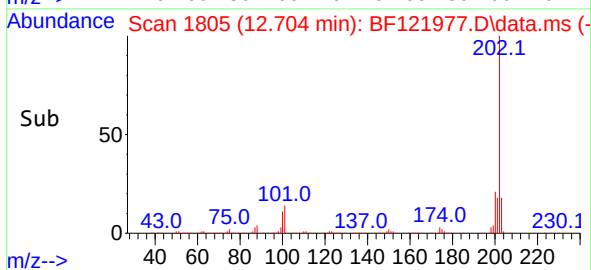
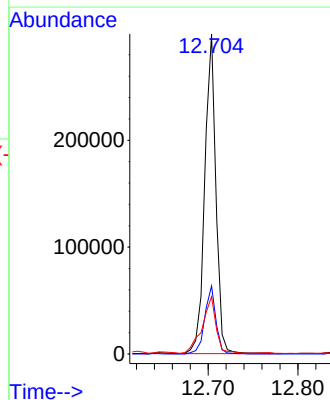
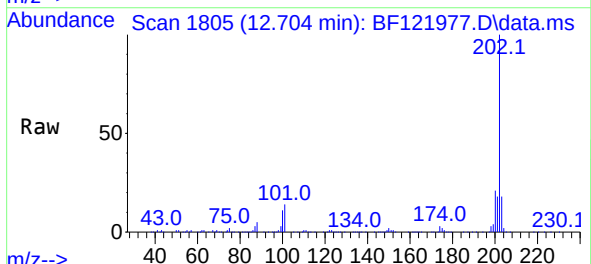
Manual Integrations
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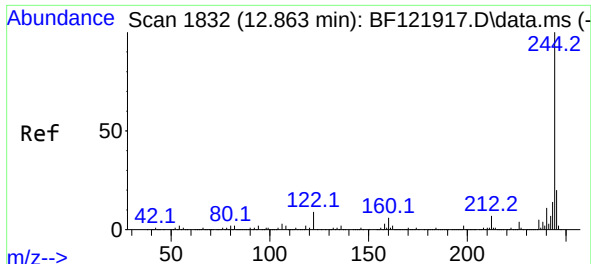
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#78
Pyrene
Concen: 13.63 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

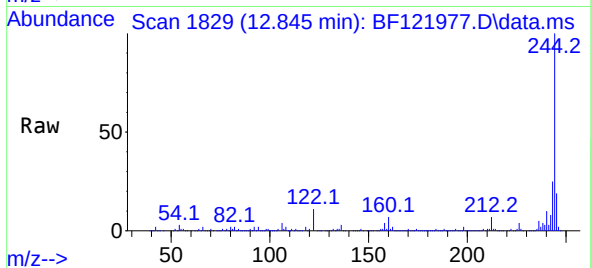
Tgt Ion:202 Resp: 258145
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 37.87 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

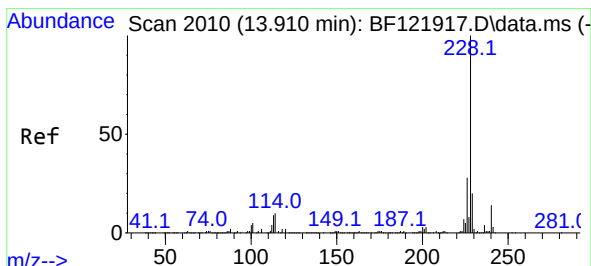
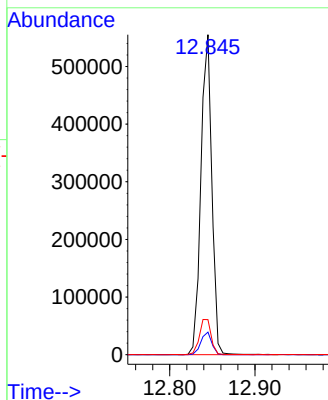
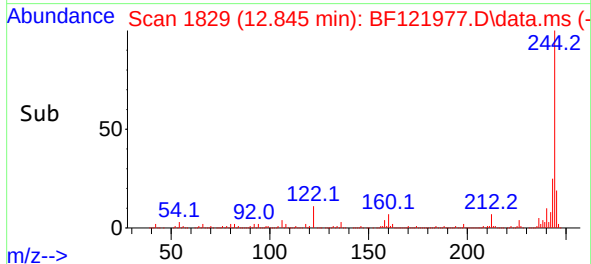
Instrument :
BNA_F
ClientSampled :
BG-1



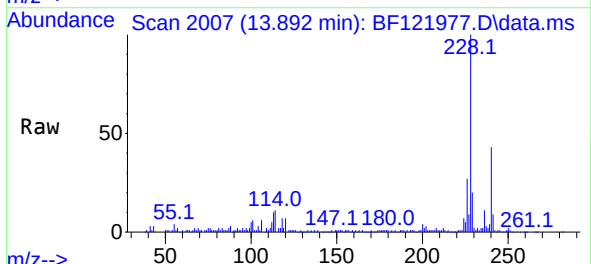
Tgt Ion:244 Resp: 493752
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 8.1 12.1

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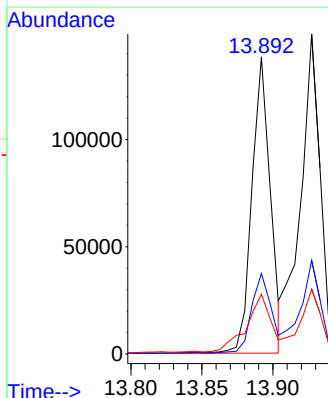
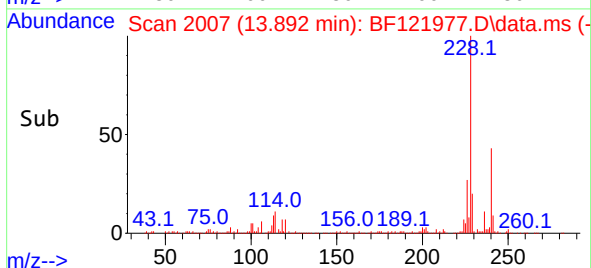
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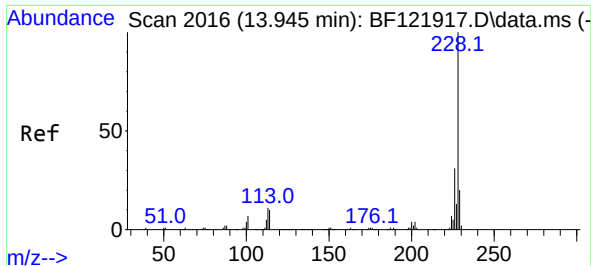


#81
Benzo(a)anthracene
Concen: 7.66 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55



Tgt Ion:228 Resp: 124766
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 20.1 16.2 24.4





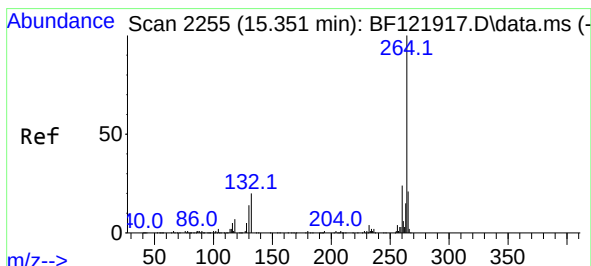
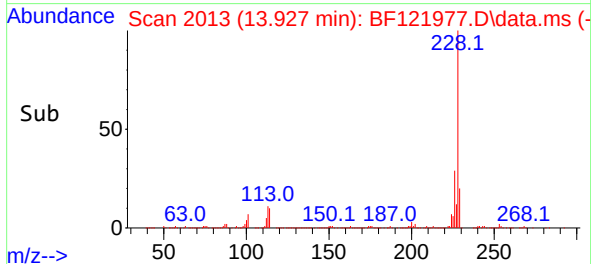
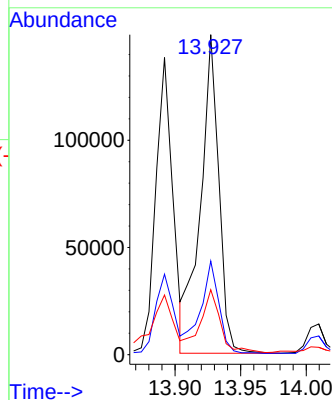
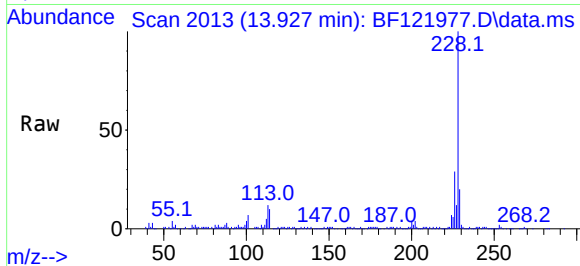
#83
Chrysene
Concen: 9.15 ng m
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:228	Resp: 146201
Ion Ratio	Lower Upper
228 100	
226 29.2	24.6 37.0
229 20.3	15.9 23.9

Instrument :
BNA_F
ClientSampled :
BG-1

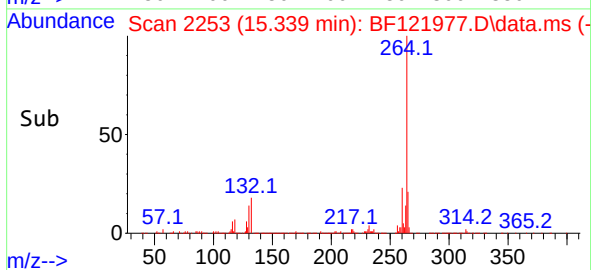
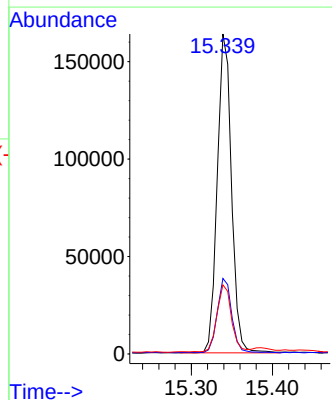
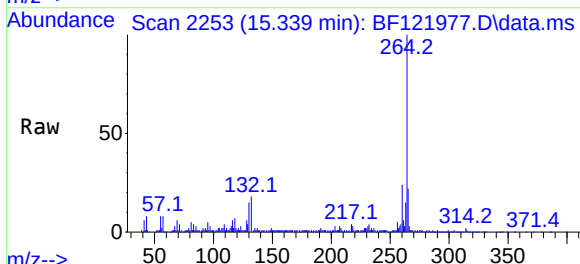
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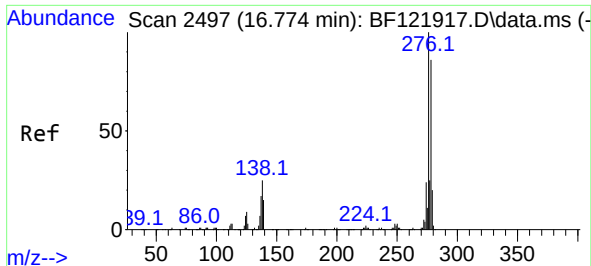
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:264	Resp: 199199
Ion Ratio	Lower Upper
264 100	
260 23.6	18.7 28.1
265 21.6	17.3 25.9





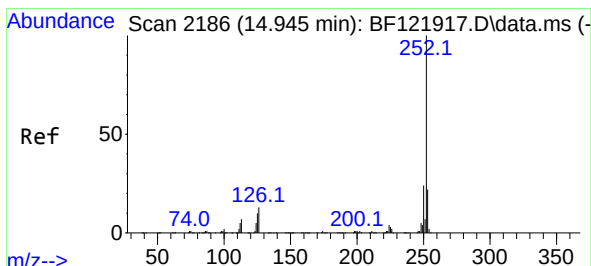
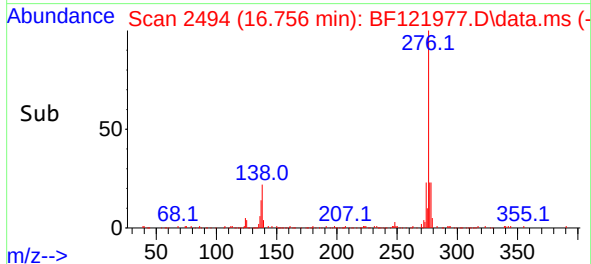
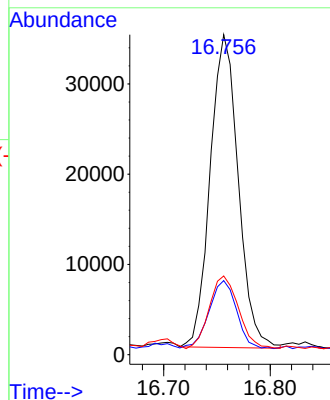
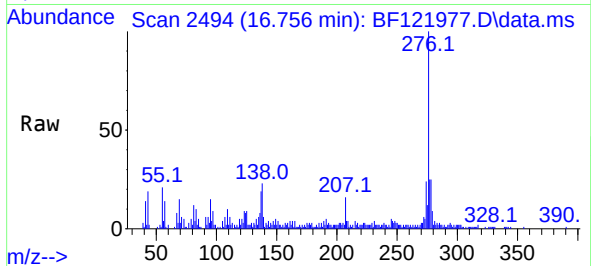
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.90 ng
RT: 16.756 min Scan# 2494
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:276 Resp: 63363
Ion Ratio Lower Upper
276 100
138 22.0 19.9 29.9
277 24.2 20.4 30.6

Instrument :
BNA_F
ClientSampleId :
BG-1

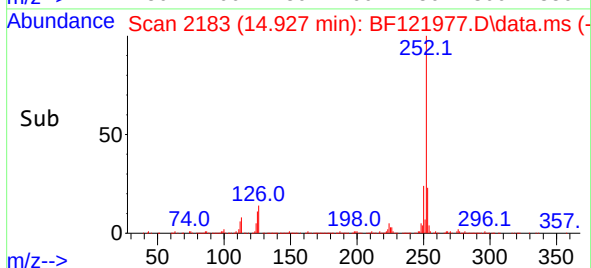
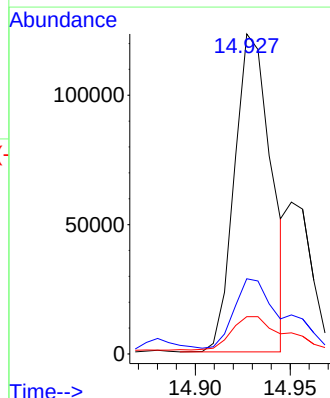
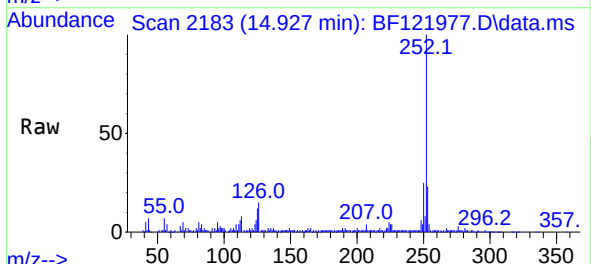
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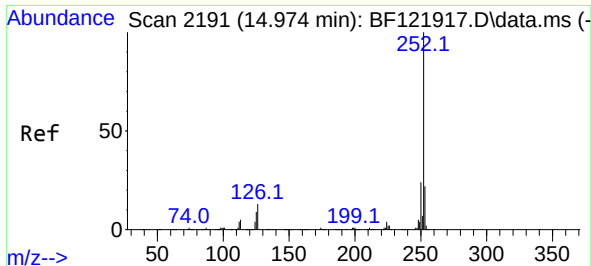
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#88
Benzo(b)fluoranthene
Concen: 12.30 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:252 Resp: 165683
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 11.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 4.17 ng m

RT: 14.951 min Scan# 2187

Delta R.T. -0.024 min

Lab File: BF121977.D

Acq: 15 Oct 2020 3:55

Tgt Ion:	252	Resp:	53282
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.8	26.6
125	13.9	7.7	11.5#

Instrument :

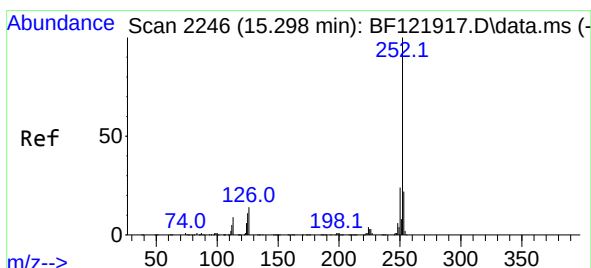
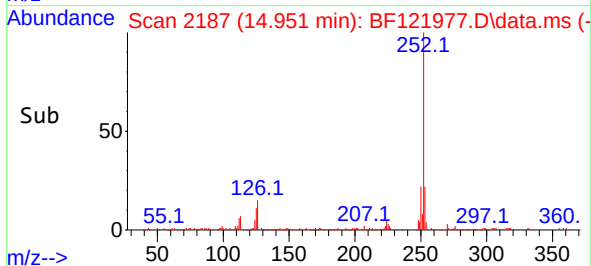
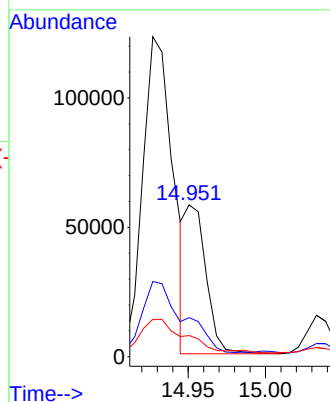
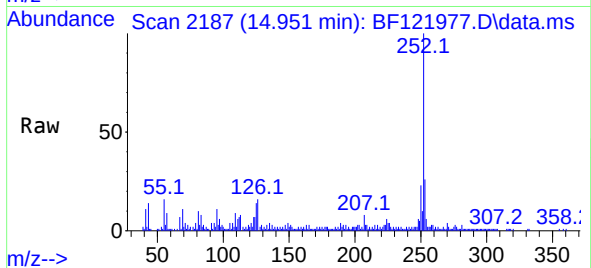
BNA_F

ClientSampleId :

BG-1

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 8.41 ng

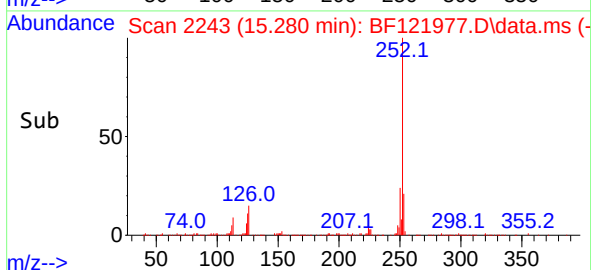
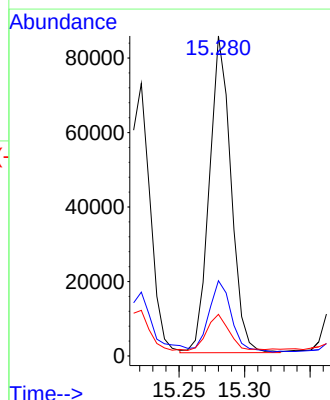
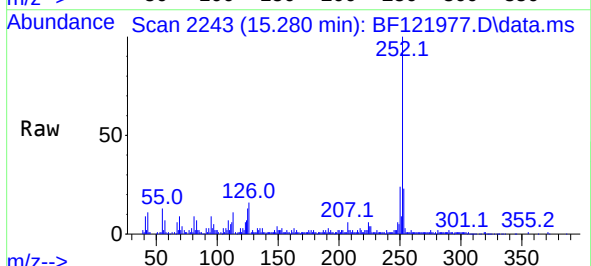
RT: 15.280 min Scan# 2243

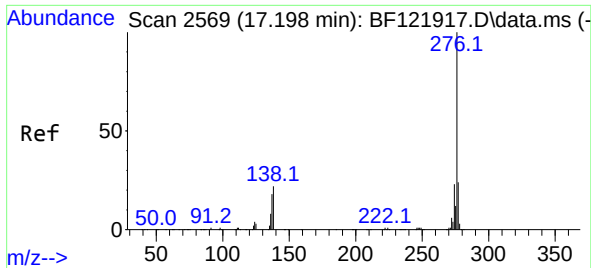
Delta R.T. -0.018 min

Lab File: BF121977.D

Acq: 15 Oct 2020 3:55

Tgt Ion:	252	Resp:	97804
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	13.0	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 5.80 ng
RT: 17.180 min Scan# 2566
Delta R.T. -0.018 min
Lab File: BF121977.D
Acq: 15 Oct 2020 3:55

Tgt Ion:	276	Resp:	61774
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.4	29.2
138	23.7	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
BG-1

Manual Integrations
APPROVED

mohammad
10/15/2020 10:47:33 AM

