Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110901.D
Acq On : 20 Nov 2018 18:23
Operator : JU/SJ
Sample : J5763-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

Manual Integrations APPROVED
Sohil
11/21/2018 3:18:00 PM

Quant Time: Nov 21 04:40:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	69719	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	287435	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	124083	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	189272	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164837	20.00	ng	0.00
87) Perylene-d12	15.67	264	107904	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	194529	45.32	ng	0.00
7) Phenol-d6	6.56	99	245645	44.75	ng	-0.01
23) Nitrobenzene-d5	7.50	82	151944	30.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	43276	34.61	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	266224	30.64	ng	-0.01
79) Terphenyl-d14	13.06	244	203949	23.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	396	Below Cal	#	1
71) Phenanthrene	11.50	178	65864	6.495	ng	99
72) Anthracene	11.56	178	23195m	2.268	ng	
75) Fluoranthene	12.70	202	95634	9.407	ng	100
78) Pyrene	12.94	202	87482	6.893	ng	98
81) Benzo(a)anthracene	14.12	228	40564	4.117	ng	97
83) Chrysene	14.16	228	35643m	3.797	ng	
88) Benzo(b)fluoranthene	15.21	252	34102m	5.283	ng	
90) Benzo(a)pyrene	15.60	252	21874	3.730	ng	# 85
92) Benzo(g,h,i)perylene	17.74	276	13811	2.805	ng	# 84

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110901.D
Acq On : 20 Nov 2018 18:23
Operator : JU/SJ
Sample : J5763-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

Manual Integrations APPROVED
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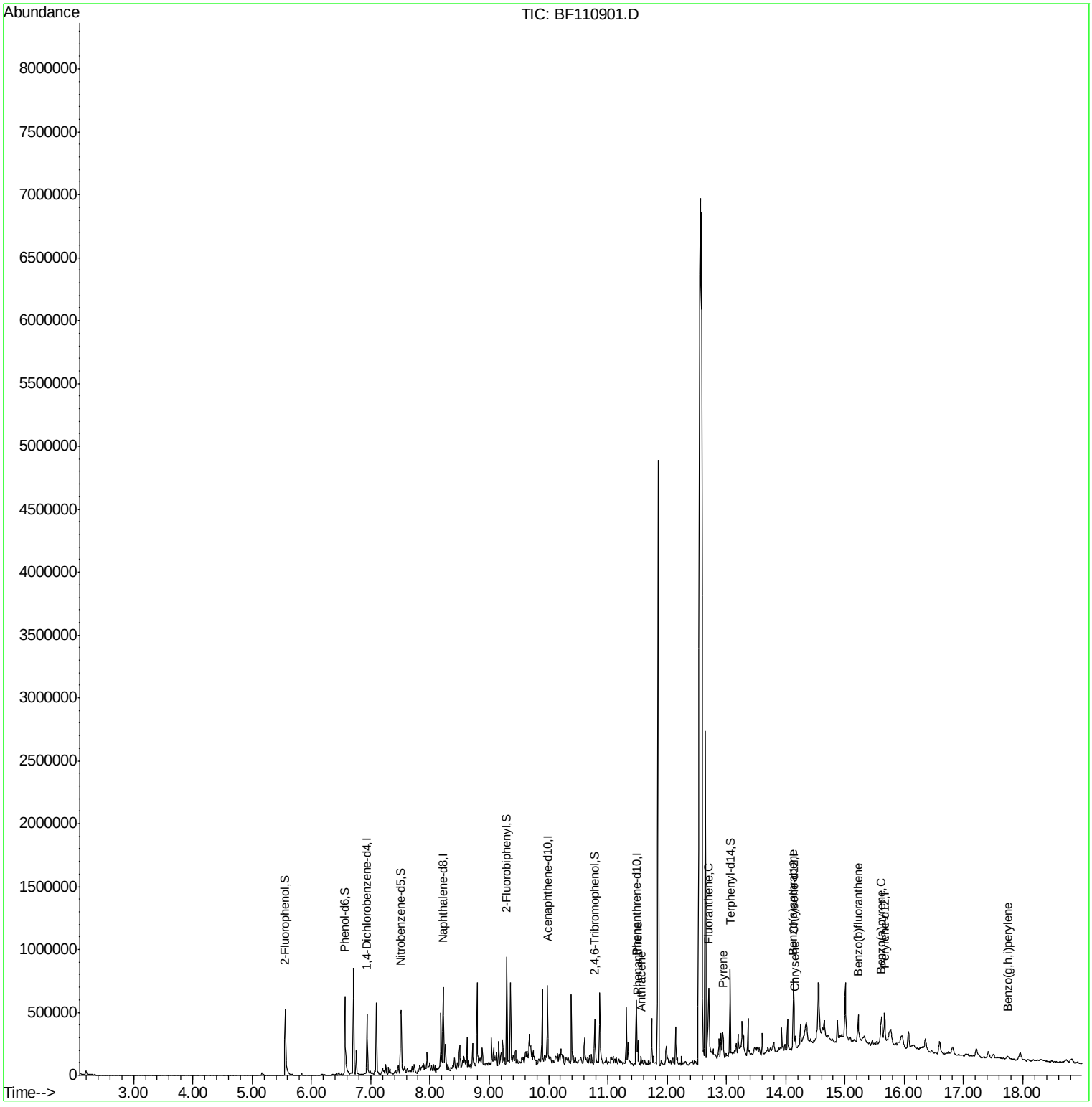
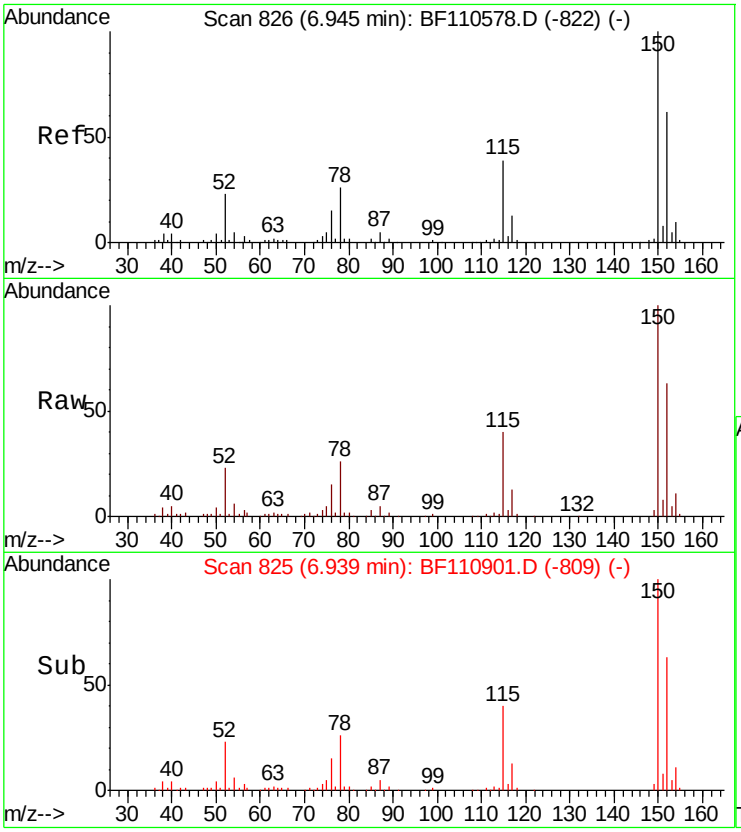
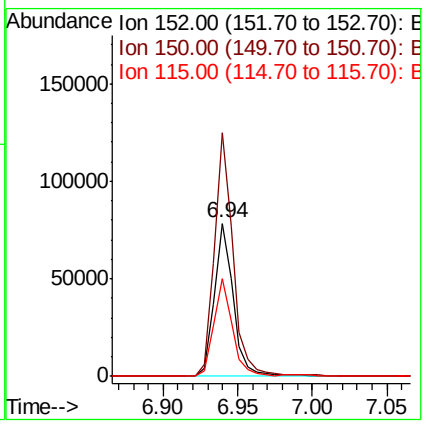




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:152 Resp: 69719

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	63.9	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

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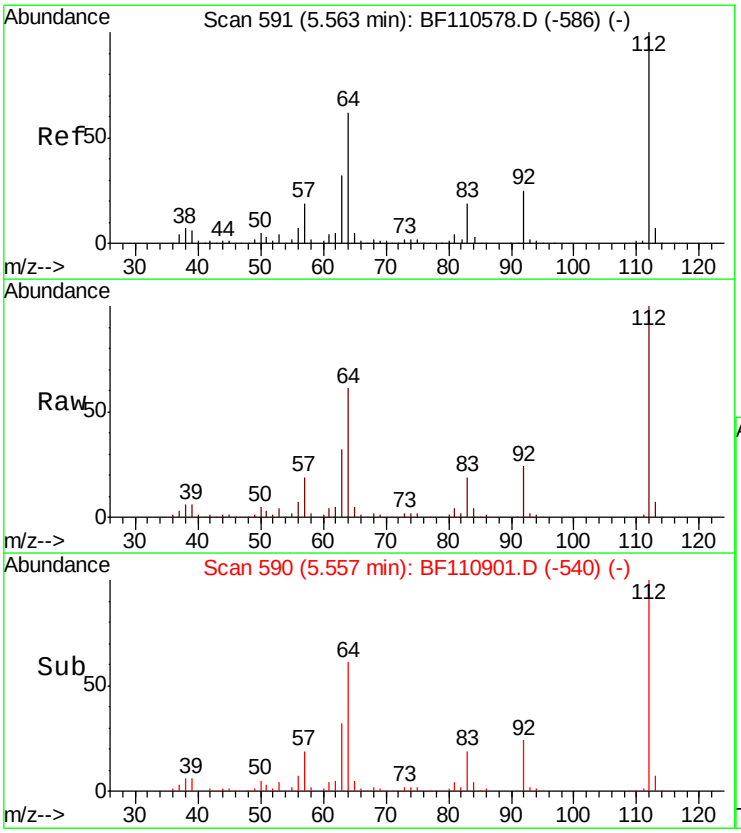
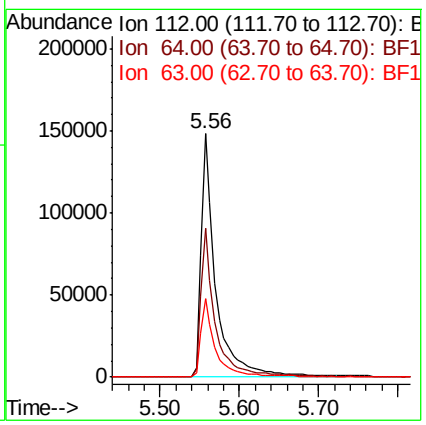
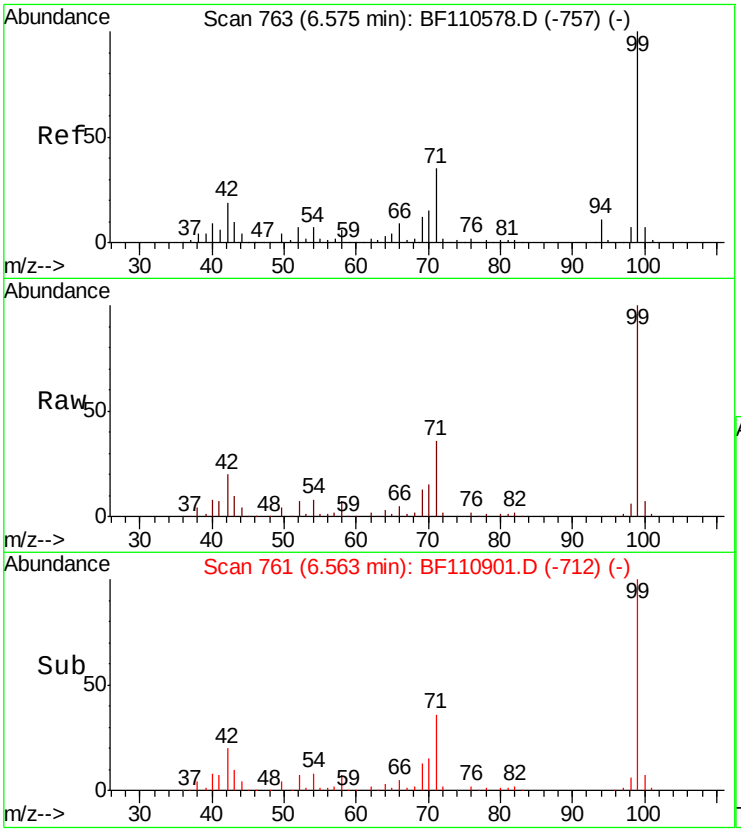


#5
2-Fluorophenol
Concen: 45.321 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:112 Resp: 194529

Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.1	66.1
63	32.2	23.7	35.5

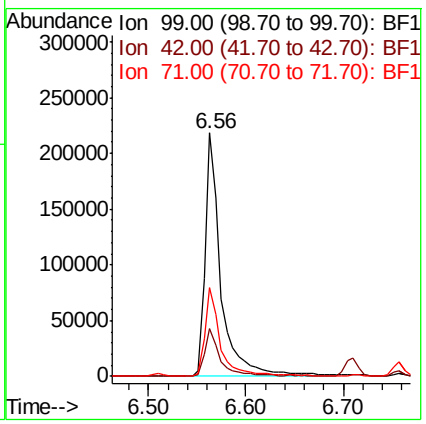




#7
Phenol-d6
Concen: 44.755 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion: 99 Resp: 245645

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	36.3	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

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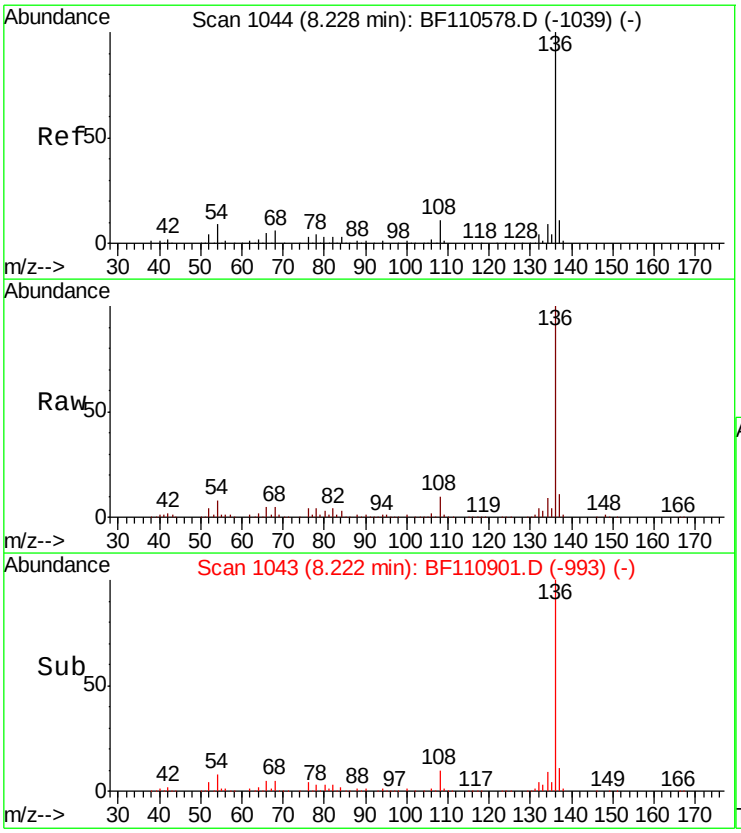
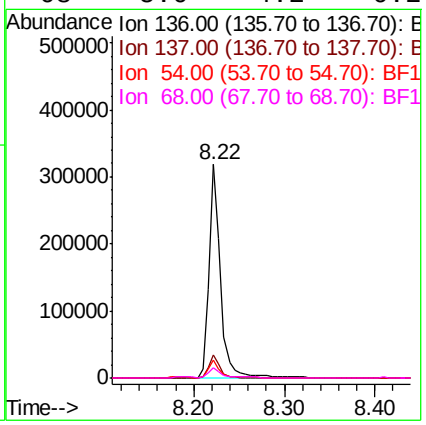
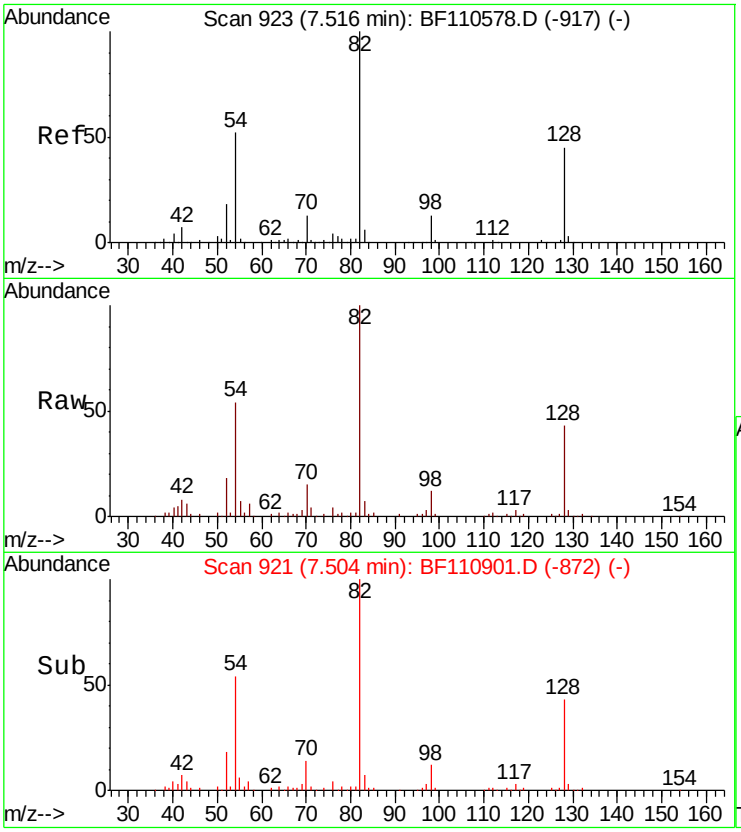


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:136 Resp: 287435

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	5.4	8.2
68	5.0	4.2	6.2

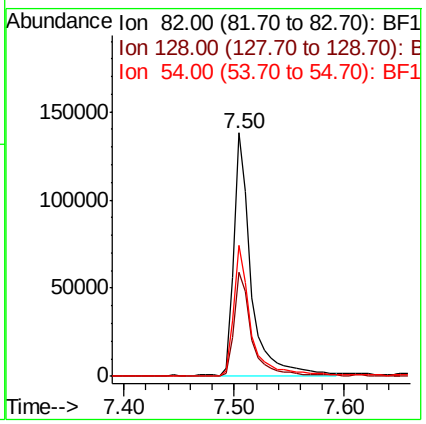




#23
Nitrobenzene-d5
Concen: 30.443 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion: 82 Resp: 151944

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	54.0	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

Manual Integrations APPROVED
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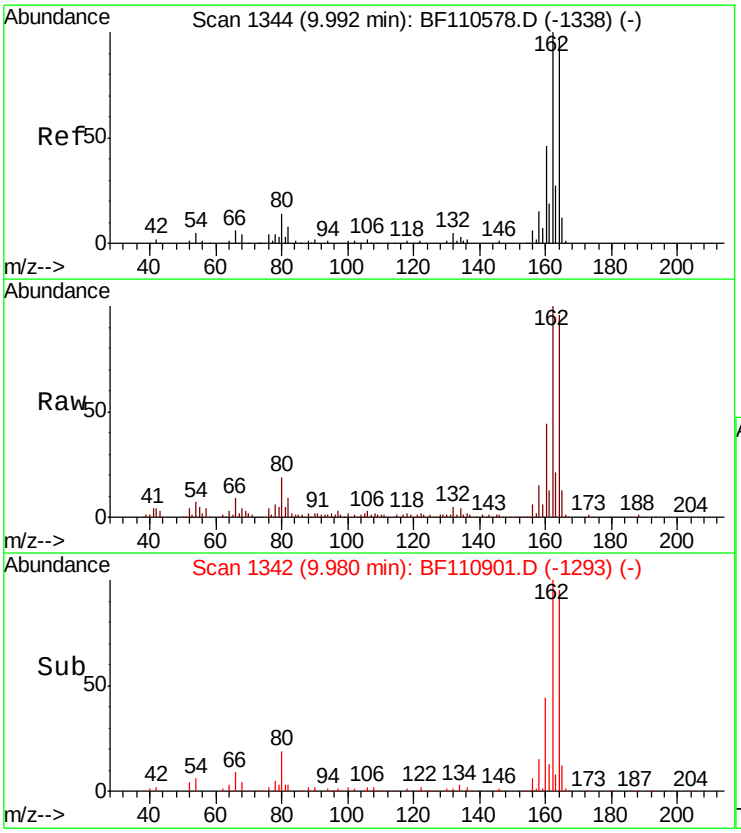
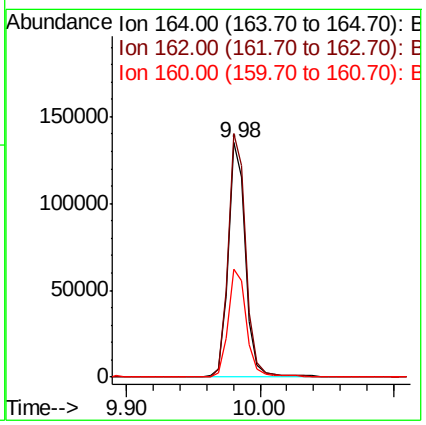
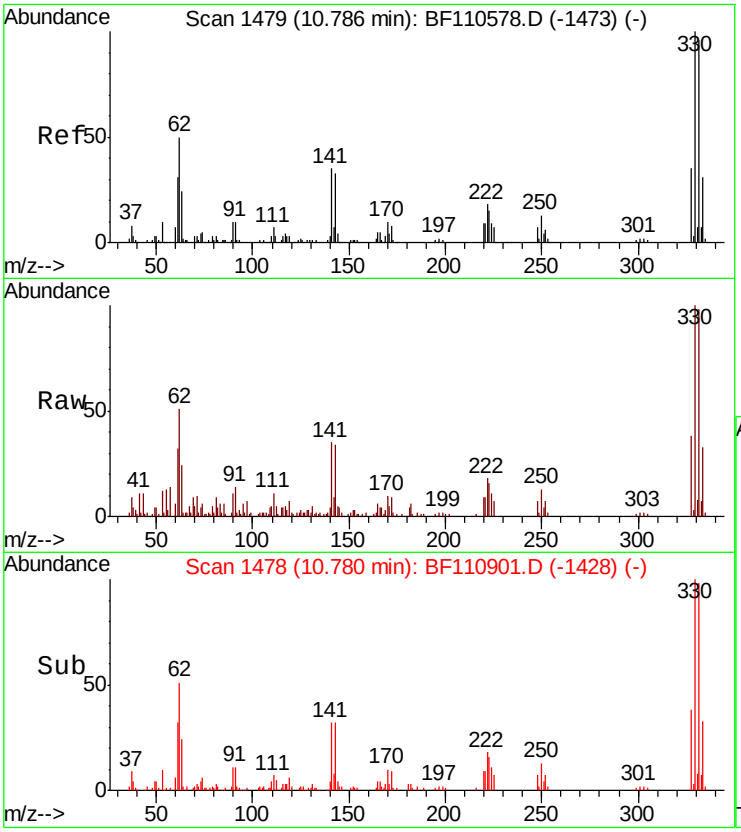


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:164 Resp: 124083

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.0	37.0	55.6

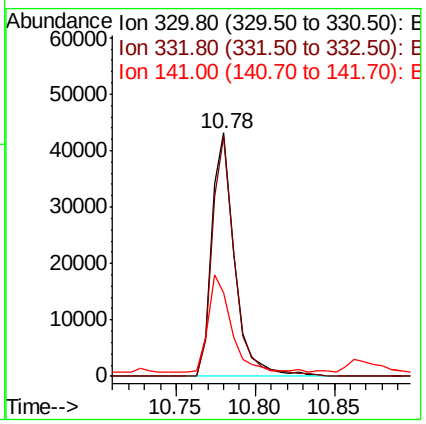




#42
2,4,6-Tribromophenol
Concen: 34.613 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:330 Resp: 43276

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	40.2	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

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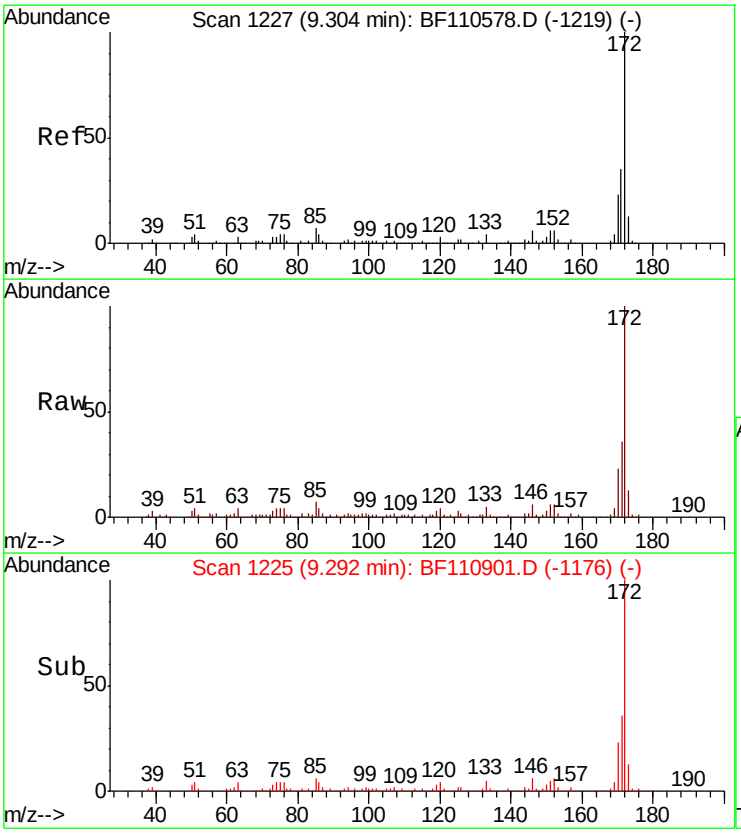
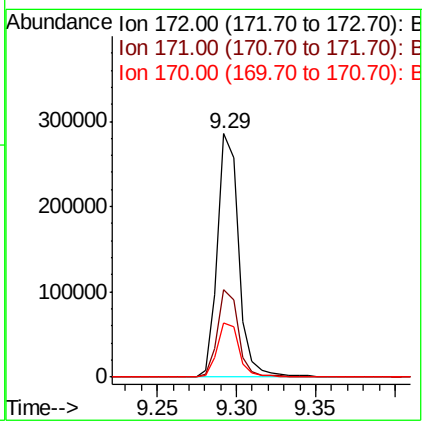
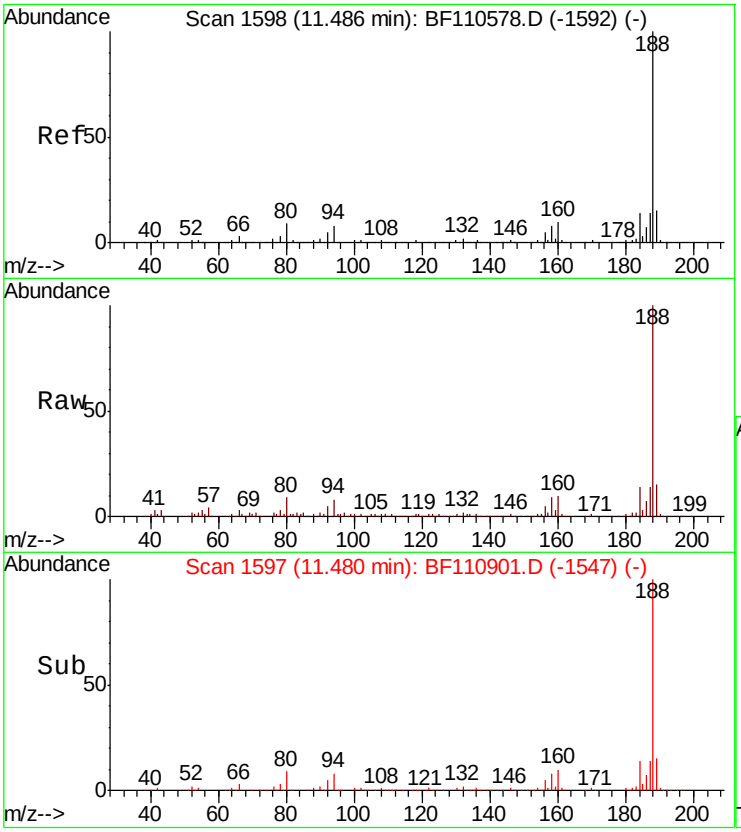


#45
2-Fluorobiphenyl
Concen: 30.642 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:172 Resp: 266224

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	22.5	19.7	29.5

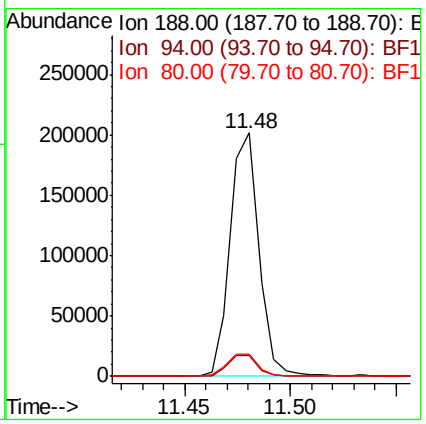




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:188 Resp: 189272

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9



Instrument :
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ClientSampleId :
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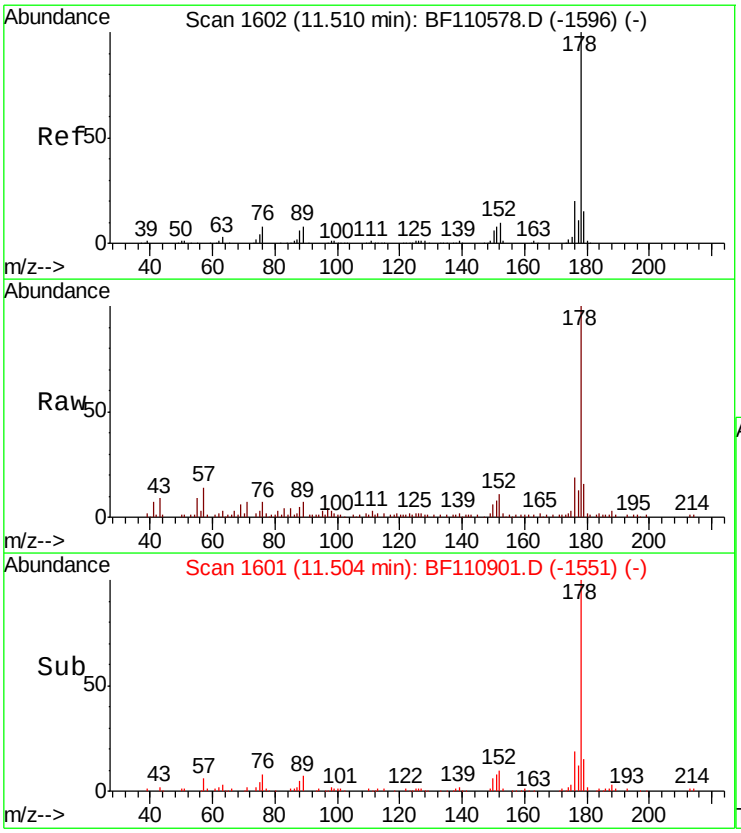
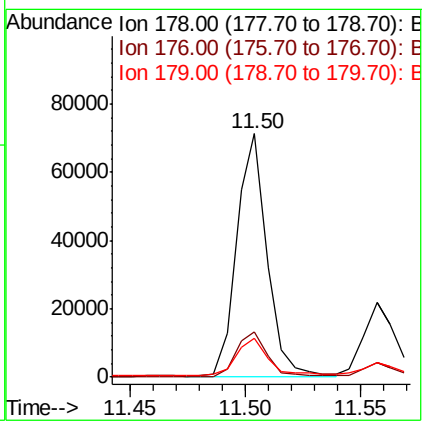
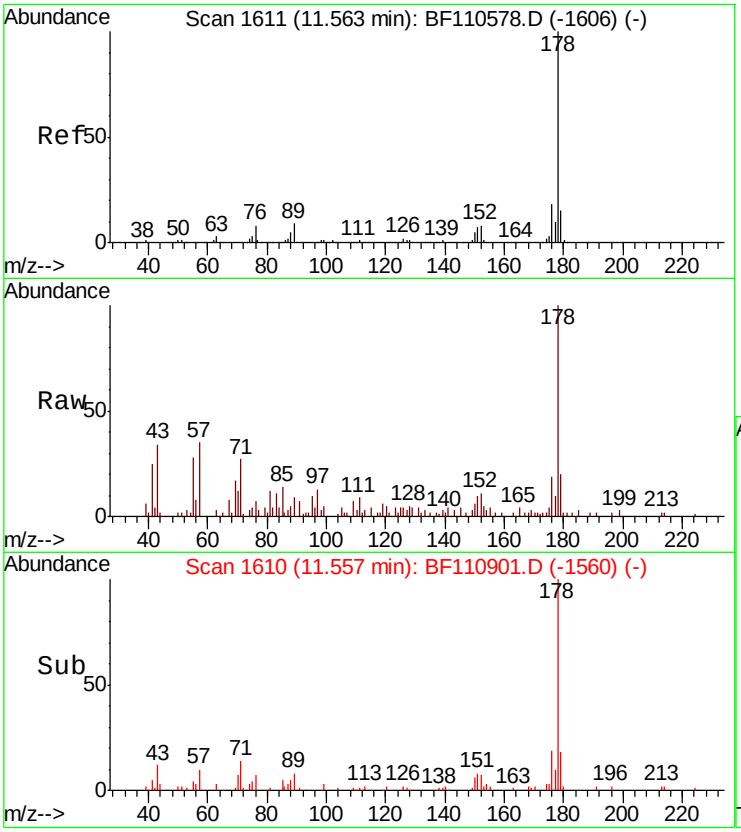


#71
Phenanthrene
Concen: 6.495 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:178 Resp: 65864

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.8	12.5	18.7

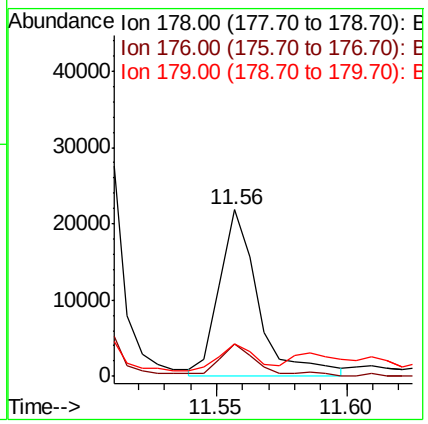




#72
Anthracene
Concen: 2.268 ng m
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:178 Resp: 23195

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	19.6	12.6	18.8#



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

Manual Integrations APPROVED
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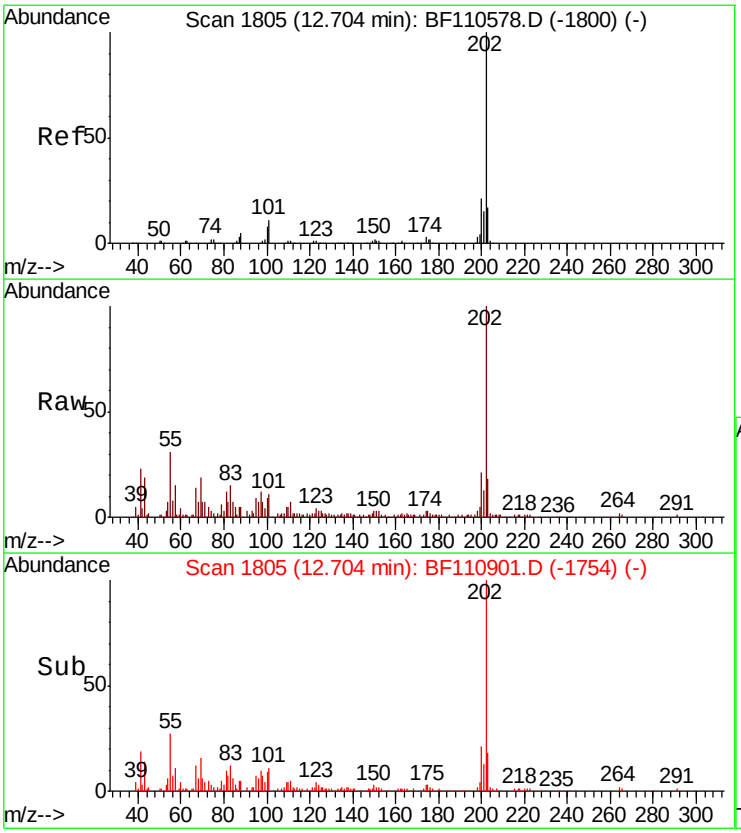
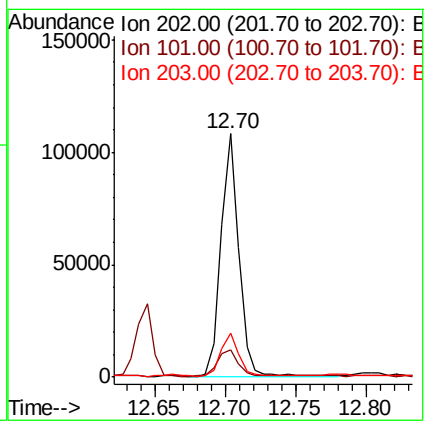
11/21/2018 3:18:00 PM

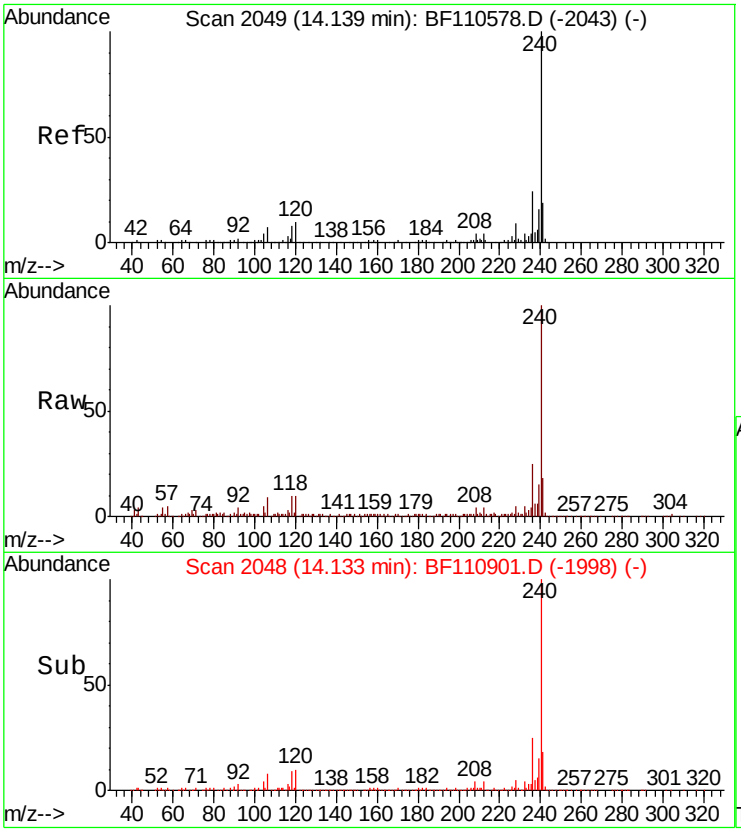


#75
Fluoranthene
Concen: 9.407 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:202 Resp: 95634

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.9	0.0	37.7

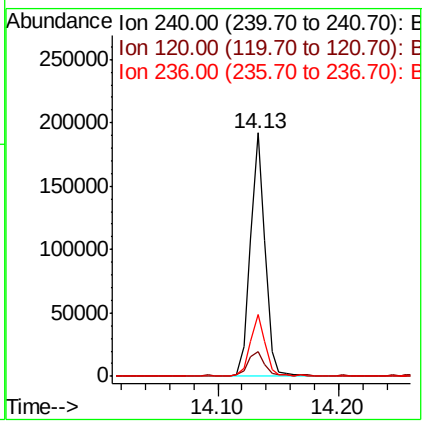




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:240 Resp: 164837

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.3	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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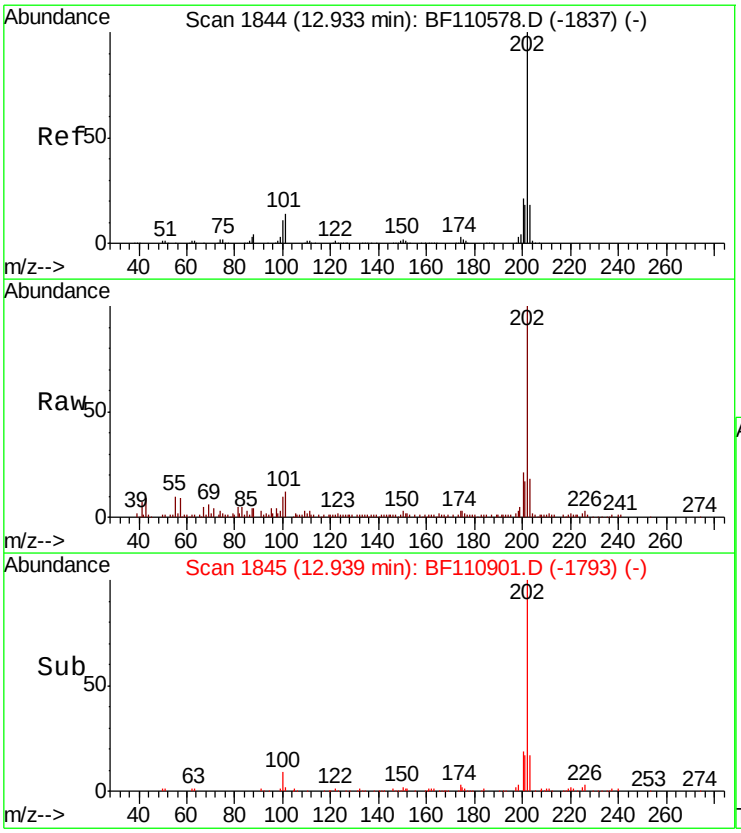
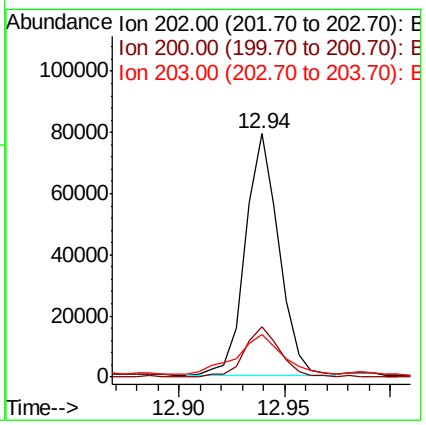
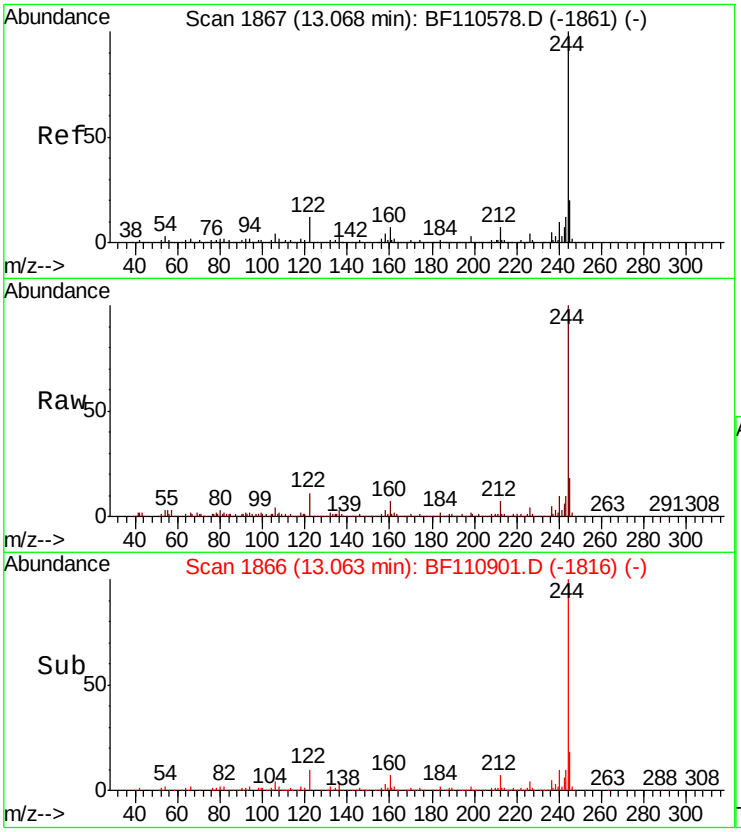


#78
Pyrene
Concen: 6.893 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:202 Resp: 87482

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.7	14.2	21.4

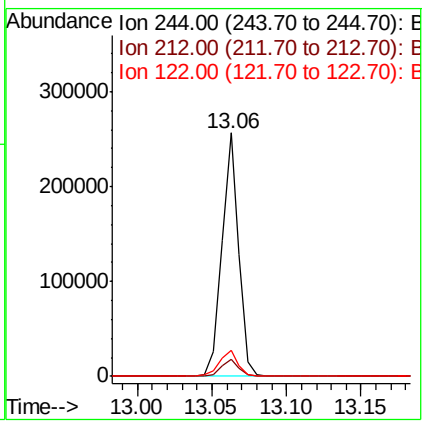




#79
Terphenyl-d14
Concen: 23.171 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

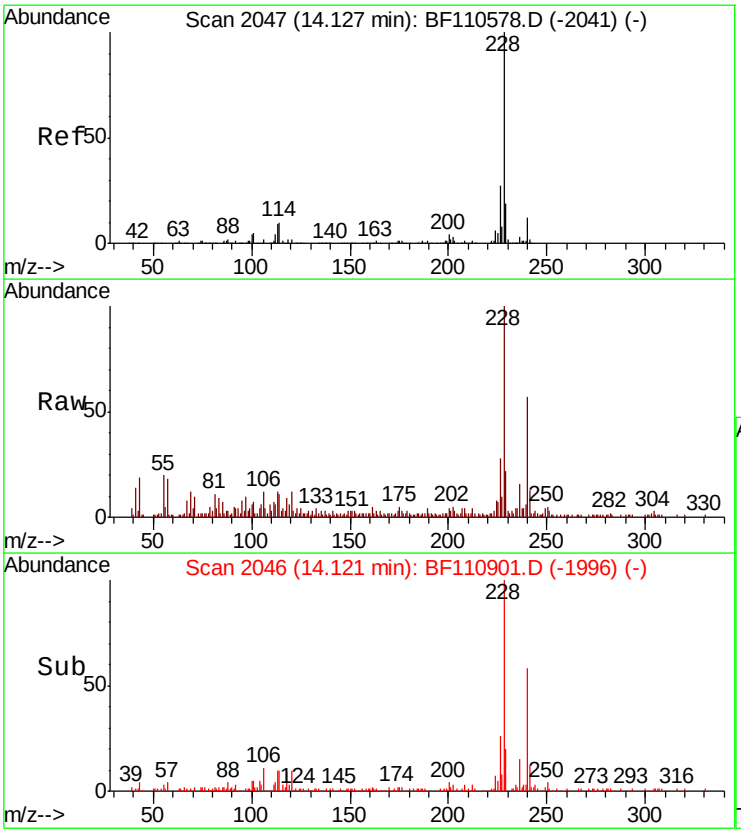
Tgt Ion:244 Resp: 203949

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.5	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

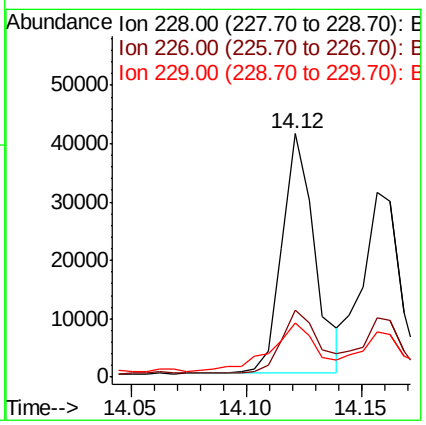
Manual Integrations APPROVED
Sohil
11/21/2018 3:18:00 PM

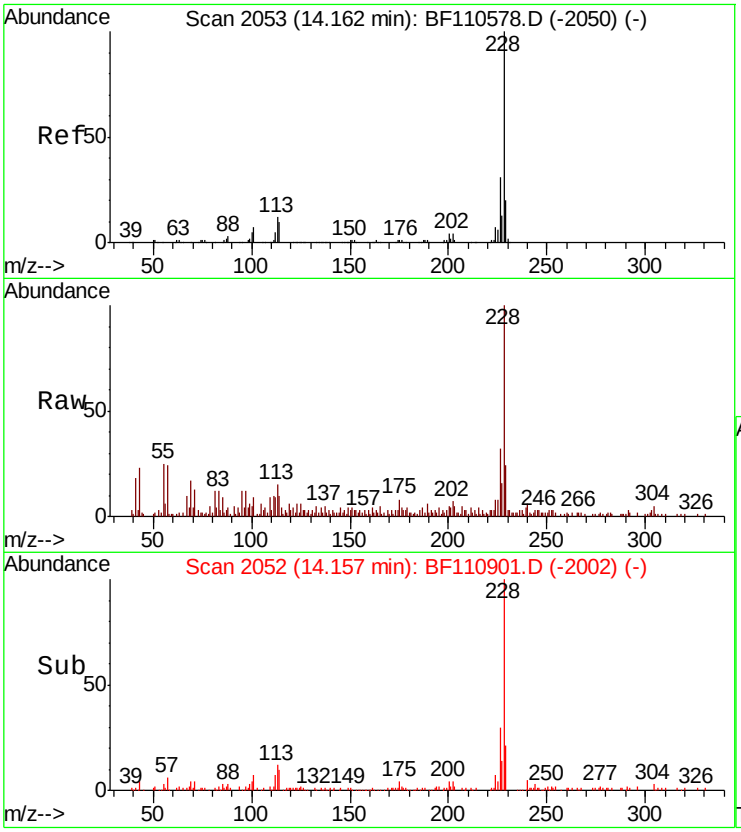


#81
Benzo(a)anthracene
Concen: 4.117 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:228 Resp: 40564

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	22.1	15.6	23.4





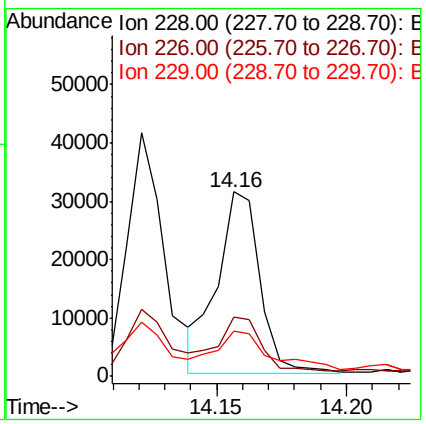
#83
Chrysene
Concen: 3.797 ng m
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

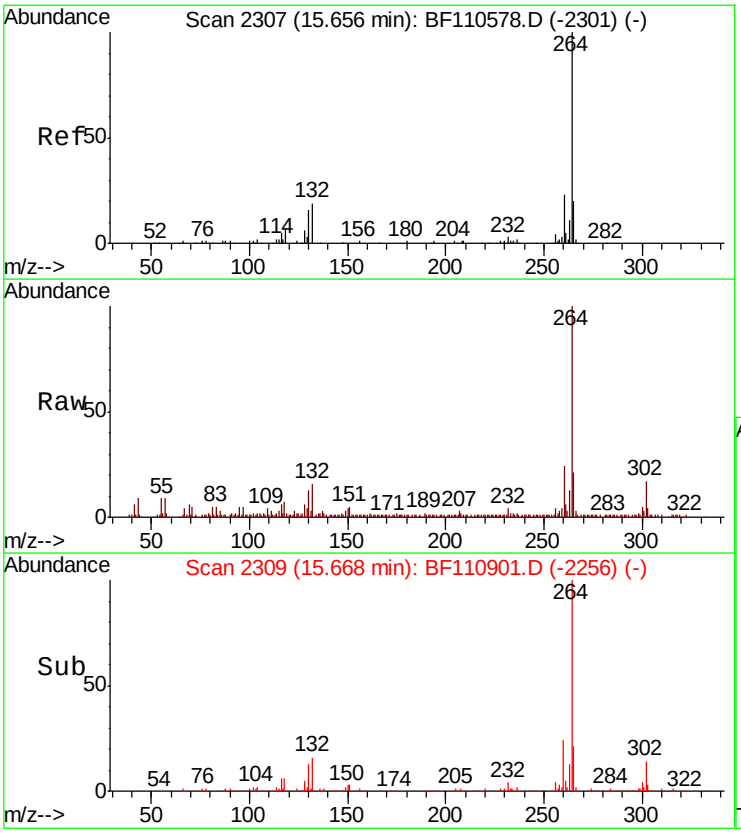
Tgt Ion:228 Resp: 35643

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.7	37.1
229	24.5	15.9	23.9#

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

Manual Integrations APPROVED
Sohil
11/21/2018 3:18:00 PM

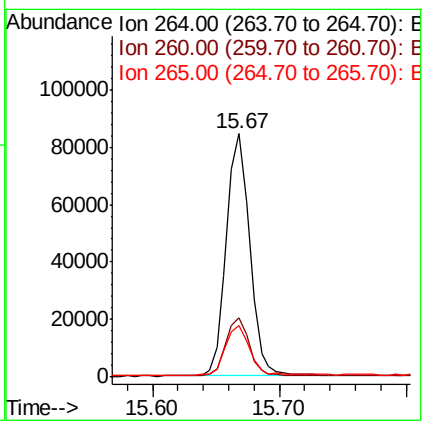


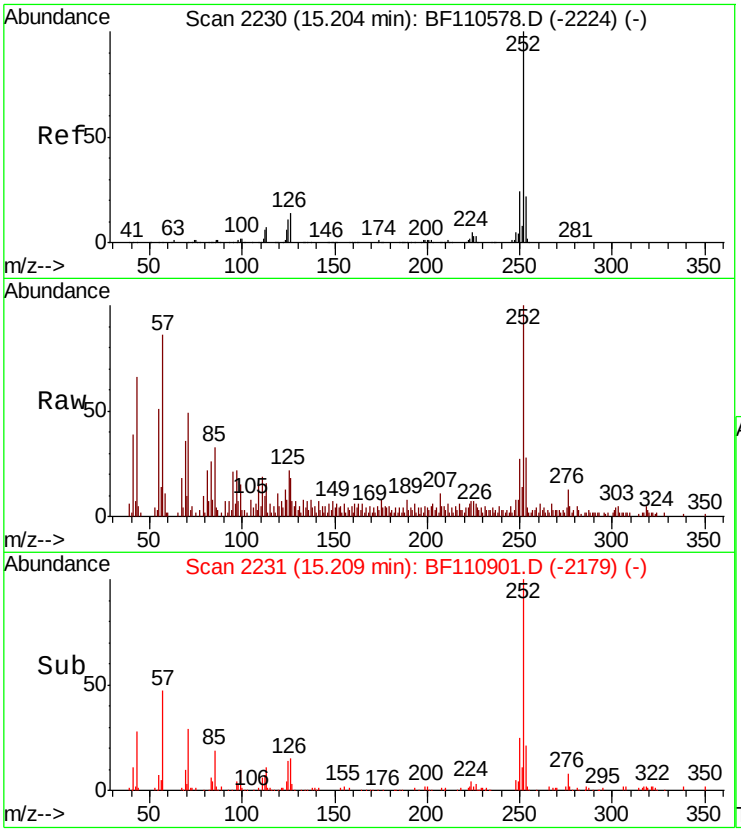


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:264 Resp: 107904

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.3	16.7	25.1





#88
Benzo(b)fluoranthene
Concen: 5.283 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:252 Resp: 34102

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	22.5	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

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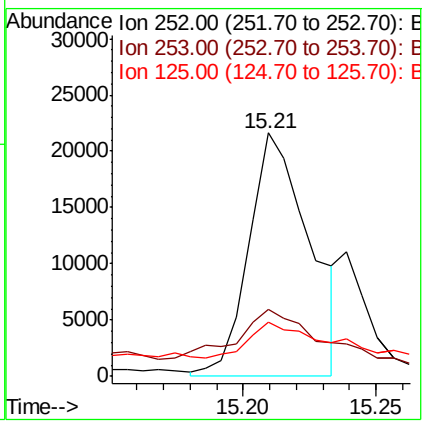
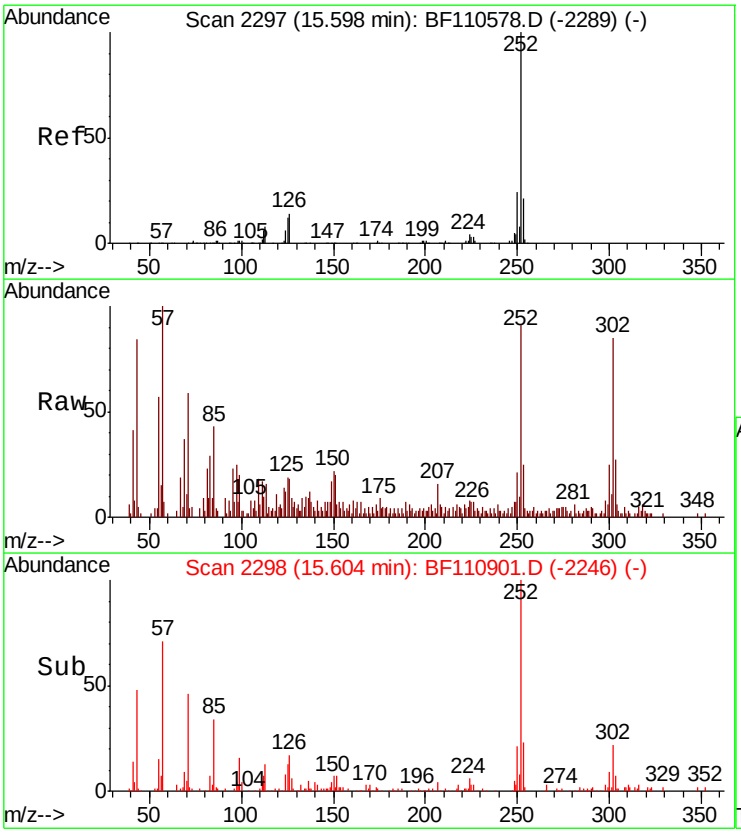
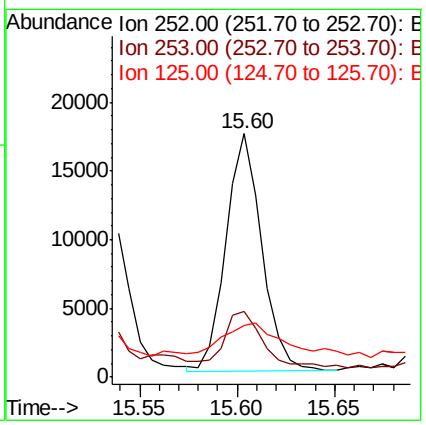


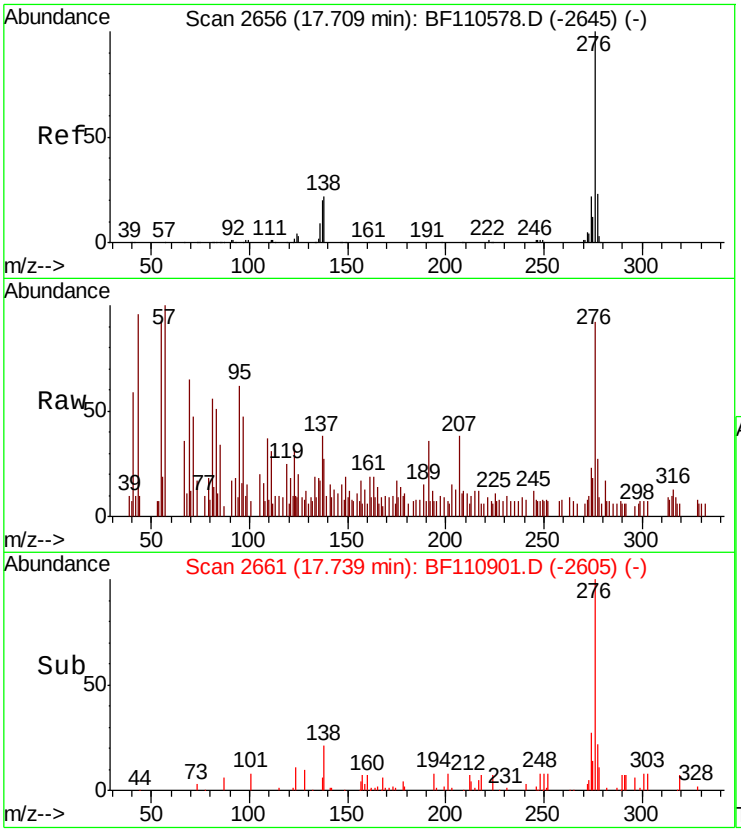


#90
Benzo(a)pyrene
Concen: 3.730 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:252 Resp: 21874

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.4
125	21.2	9.0	13.6#

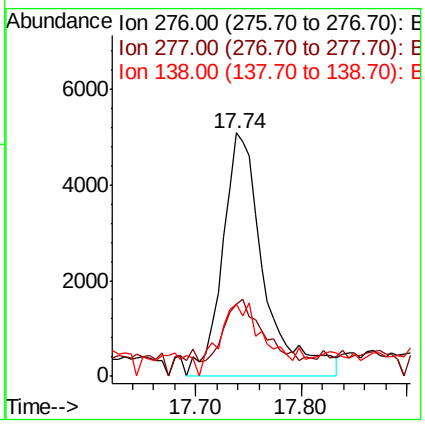




#92
Benzo(g,h,i)perylene
Concen: 2.805 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110901.D
Acq: 20 Nov 2018 18:23

Tgt Ion:276 Resp: 13811

Ion	Ratio	Lower	Upper
276	100		
277	29.6	18.8	28.2#
138	29.6	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
HR-06-111918-A

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