Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106688.D
Acq On : 22 Jun 2018 3:34
Operator : JU/SJ
Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
Sohil
6/22/2018 10:23:46 AM

Quant Time: Jun 22 04:44:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56709	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	193099	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	87744	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	178759	20.00	ng		0.00
75) Chrysene-d12	14.15	240	148701	20.00	ng		0.00
86) Perylene-d12	15.68	264	111522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	285176	85.15	ng		0.00
7) Phenol-d6	6.60	99	344690	82.42	ng		0.00
23) Nitrobenzene-d5	7.52	82	196779	56.63	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	82780	81.40	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	282661	48.13	ng		0.00
78) Terphenyl-d14	13.08	244	330090	53.77	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.71	163	31662	4.811	ng		97
70) Phenanthrene	11.52	178	35638	4.133	ng		99
74) Fluoranthene	12.71	202	59097	6.219	ng		98
77) Pyrene	12.94	202	60823	6.203	ng		99
80) Benzo(a)anthracene	14.14	228	32618	3.599	ng	#	86
82) Chrysene	14.17	228	29150	3.496	ng	#	95
87) Benzo(b)fluoranthene	15.23	252	26002m	3.753	ng		
89) Benzo(a)pyrene	15.62	252	20181	3.277	ng	#	89
91) Benzo(g,h,i)perylene	17.72	276	12624m	2.475	ng		

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

Quantitation Report (QT/LSC Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
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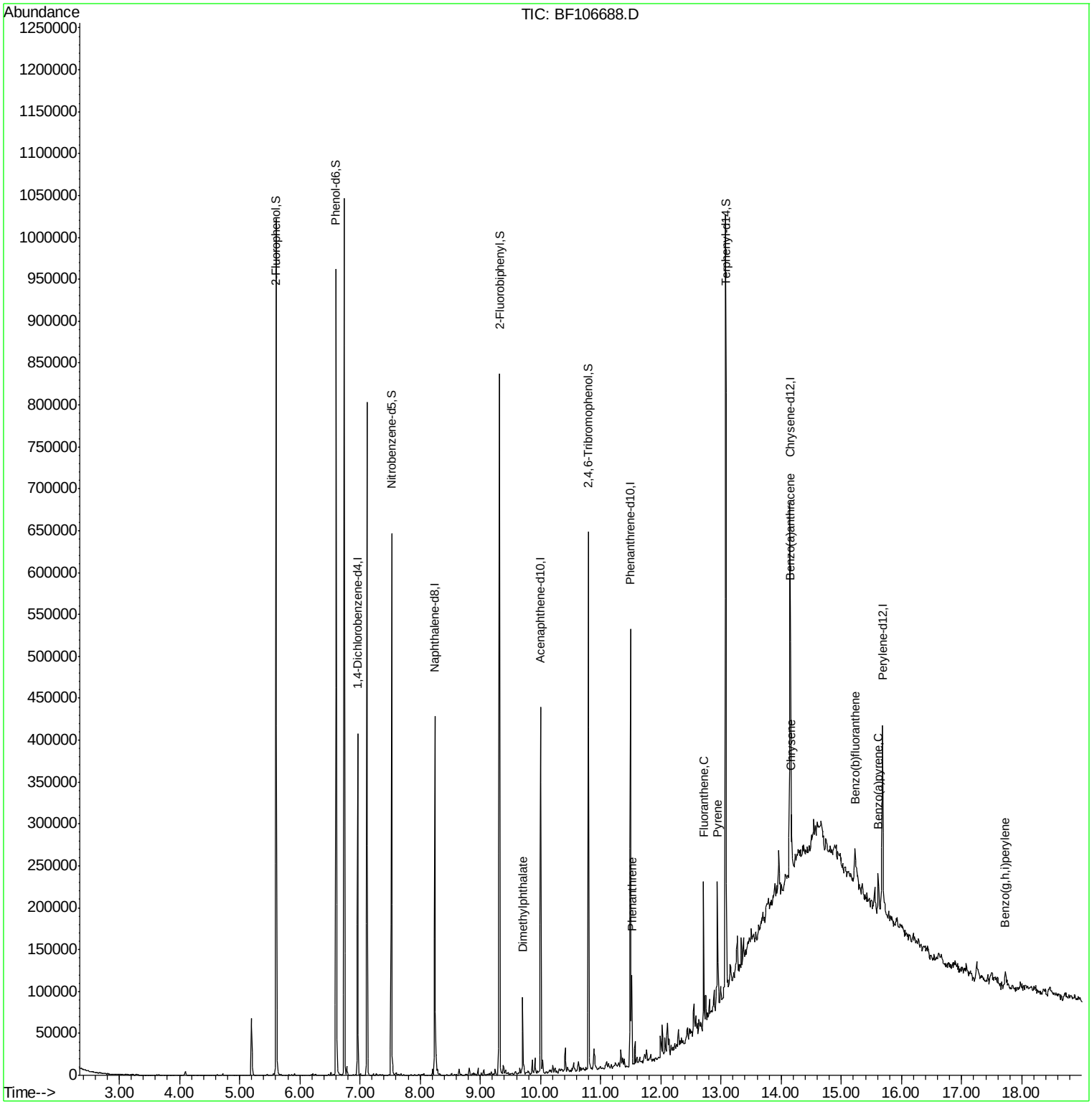
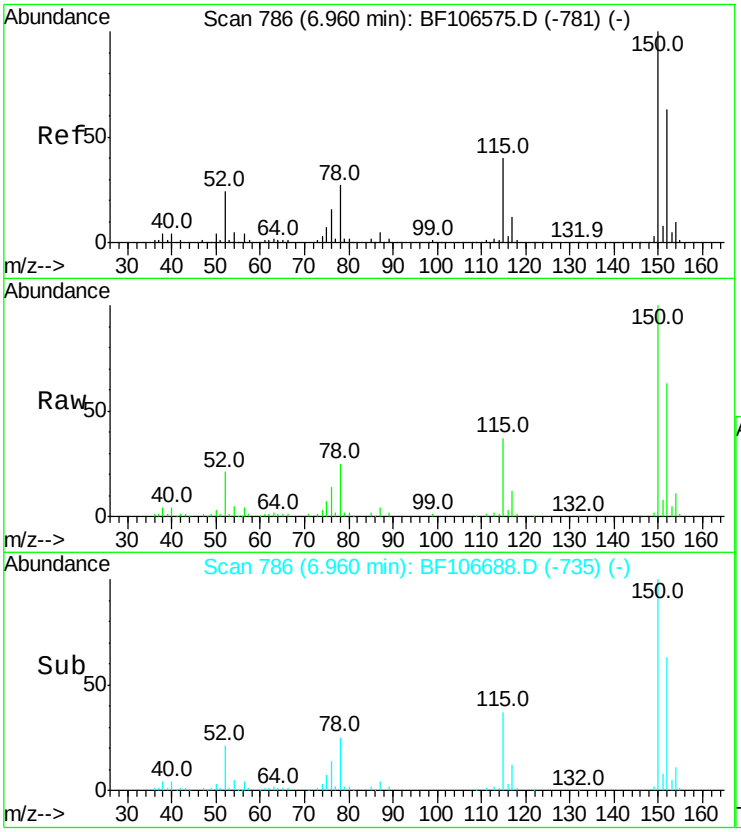
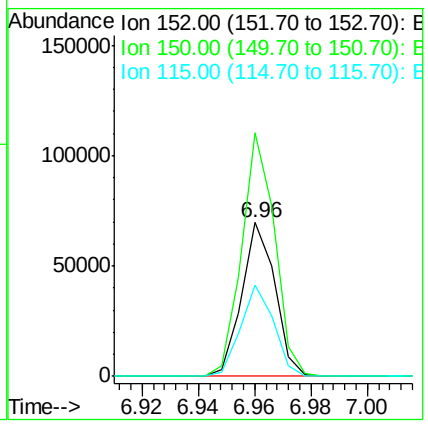




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:152 Resp: 56709

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.3	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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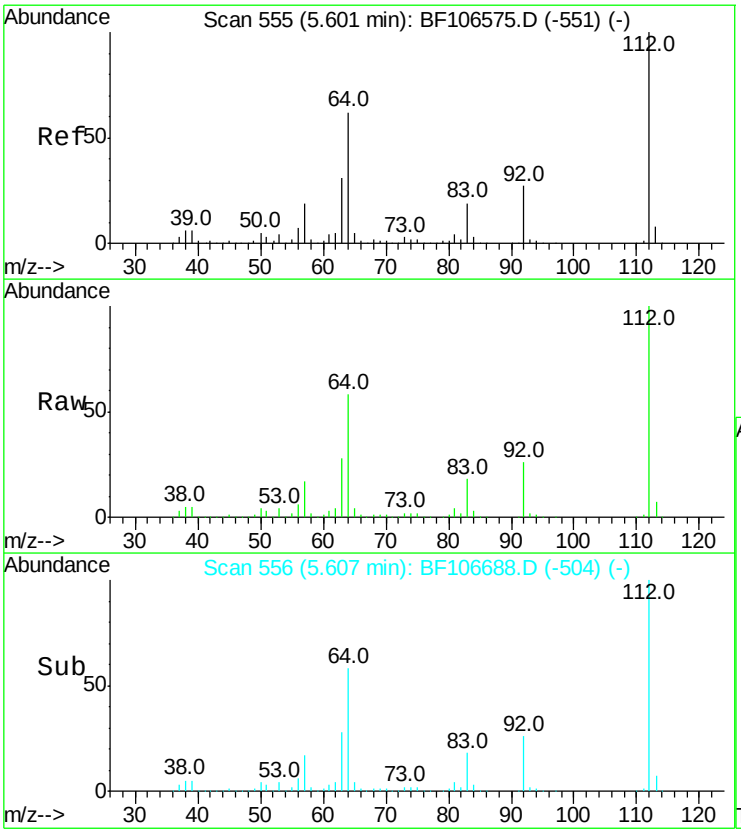
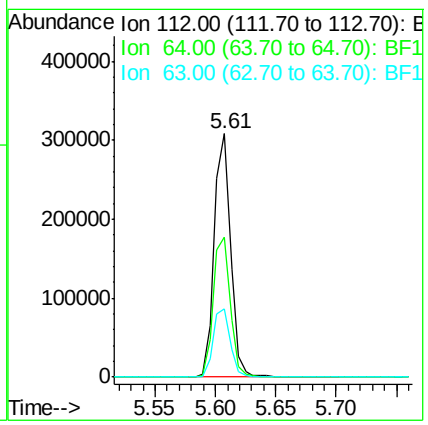
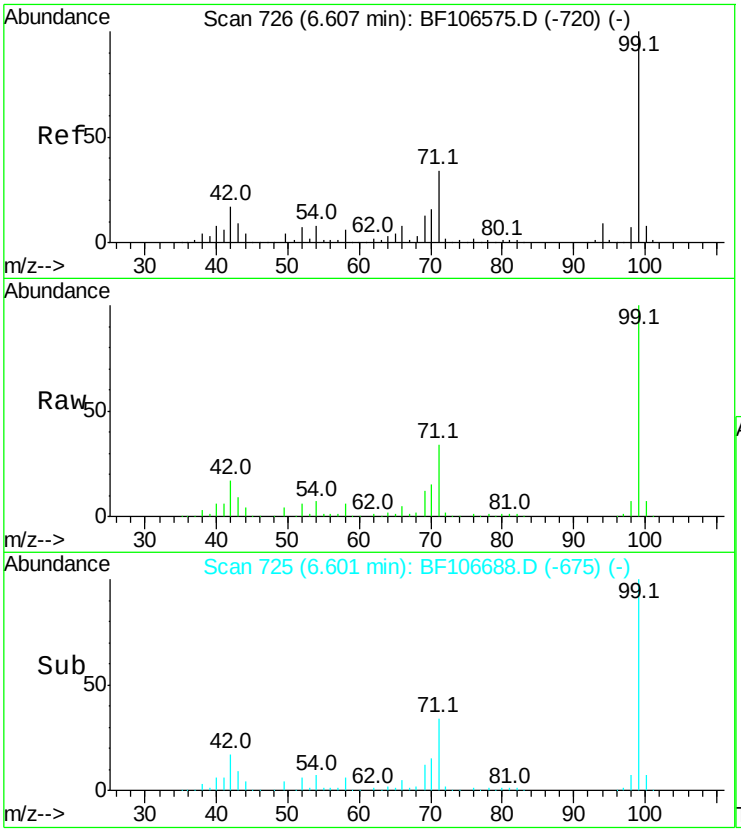


#5
2-Fluorophenol
Concen: 85.153 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:112 Resp: 285176

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	27.8	23.7	35.5

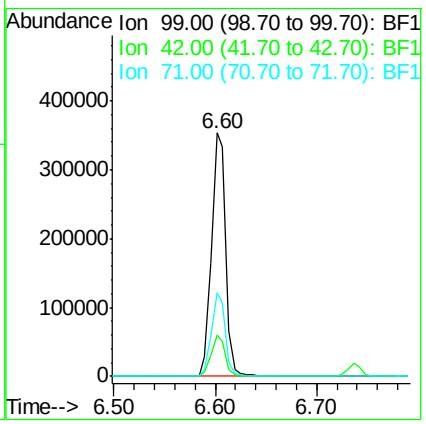




#7
Phenol-d6
Concen: 82.418 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion: 99 Resp: 344690

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	34.1	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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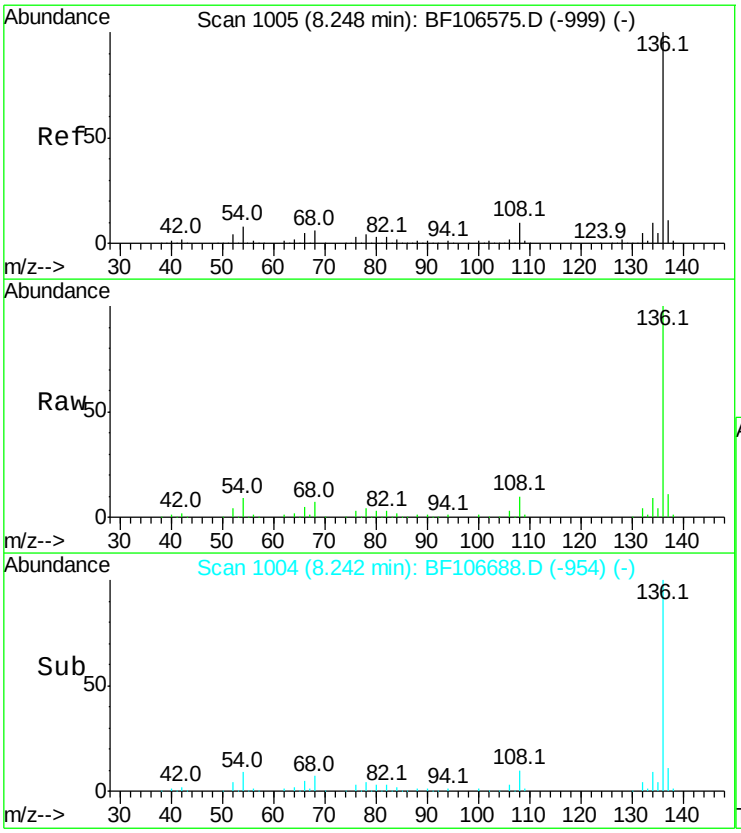
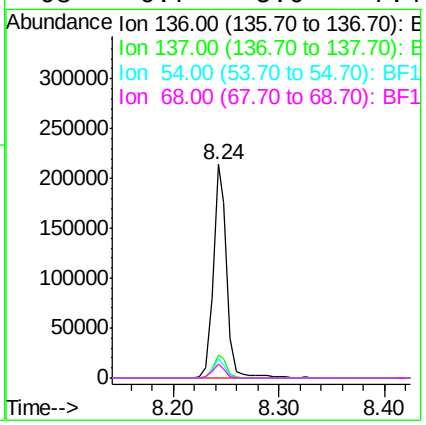
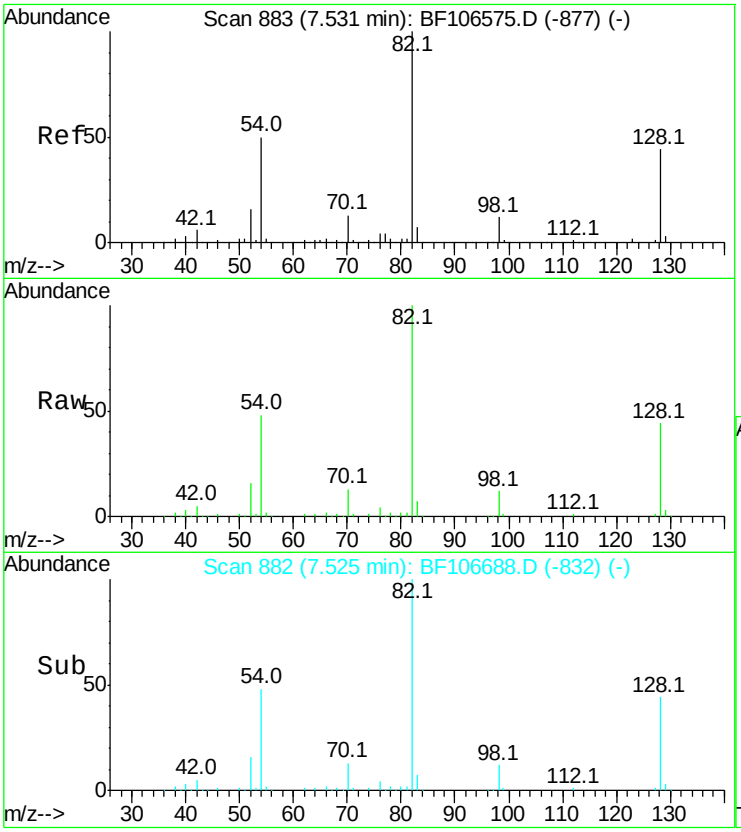


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:136 Resp: 193099

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4

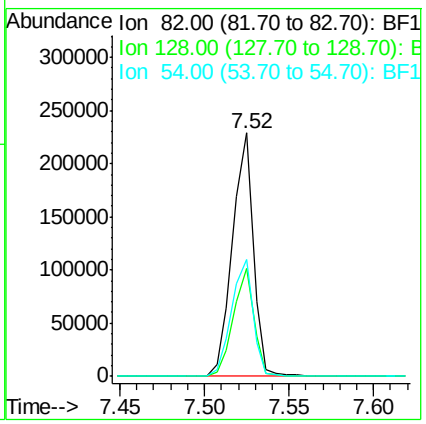




#23
Nitrobenzene-d5
Concen: 56.633 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion: 82 Resp: 196779

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.3	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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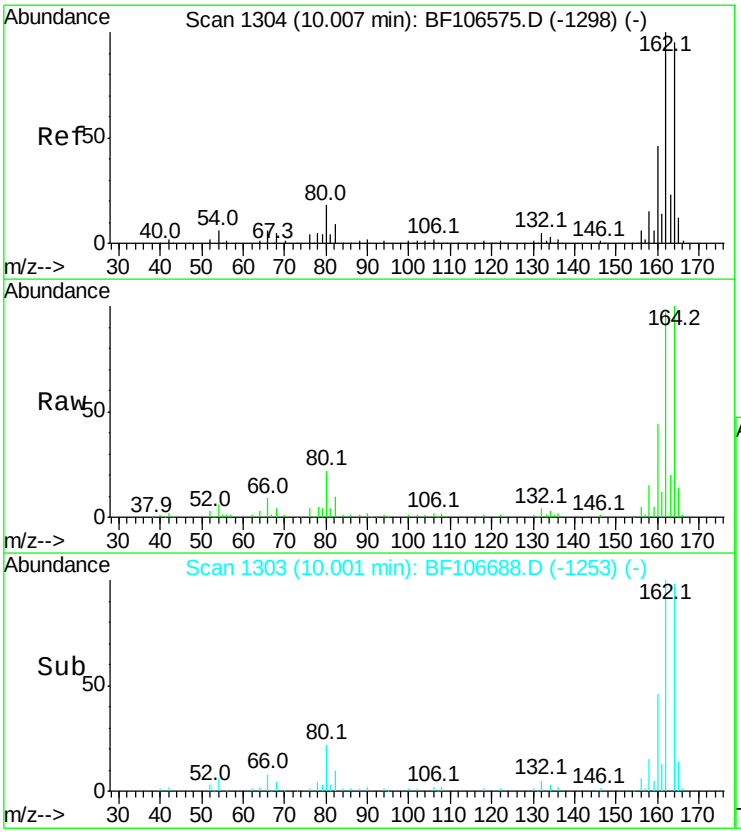
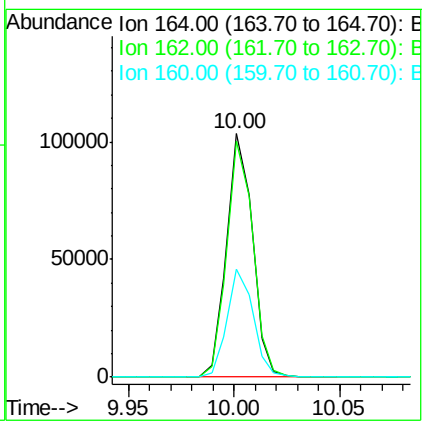
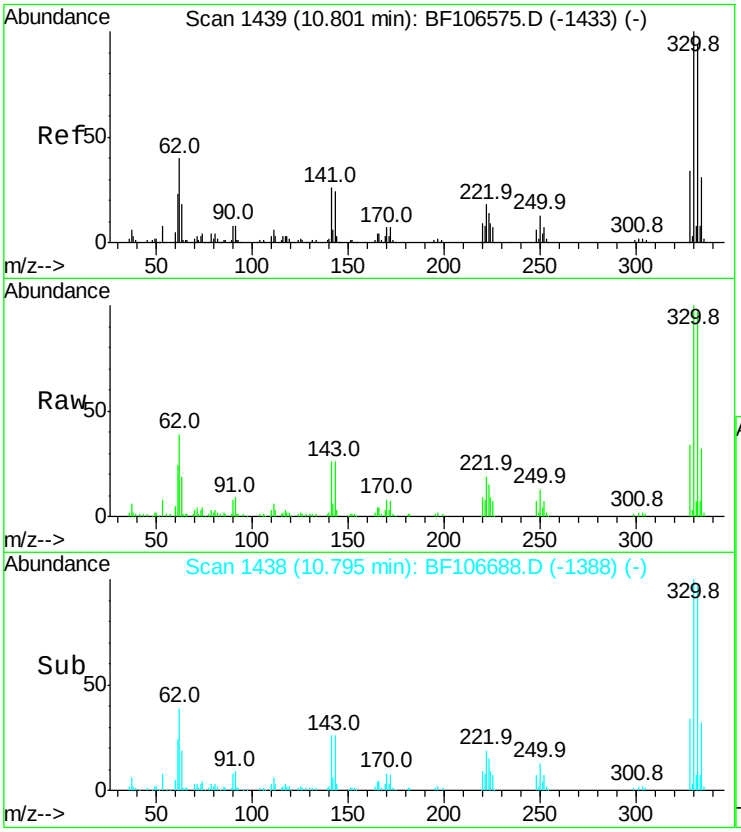


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:164 Resp: 87744

Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	44.3	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 81.398 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:330 Resp: 82780

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	24.3	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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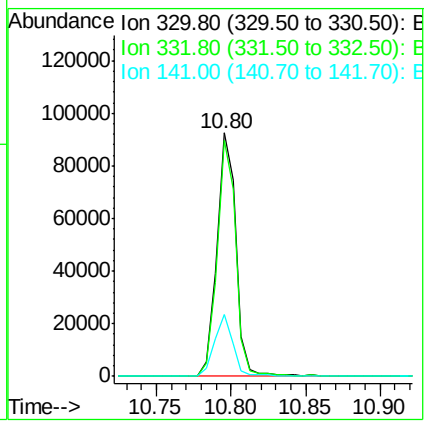
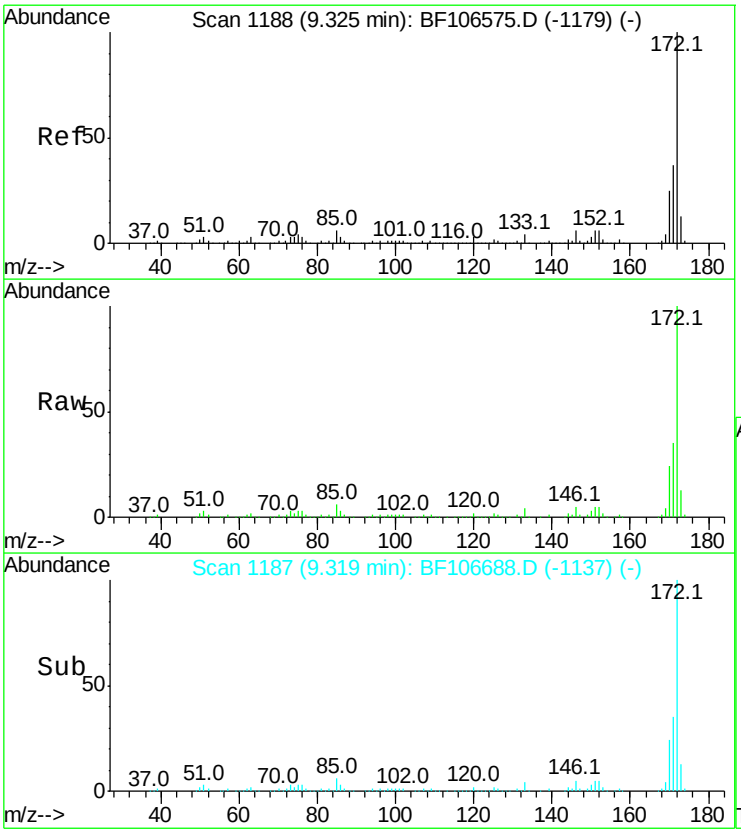
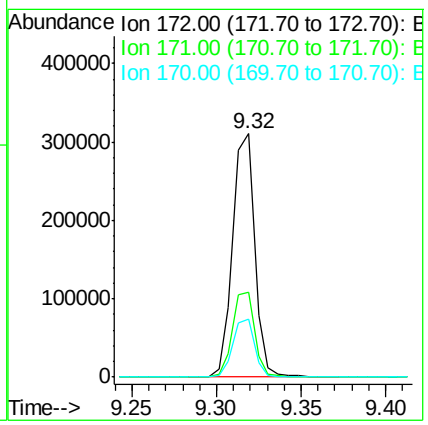


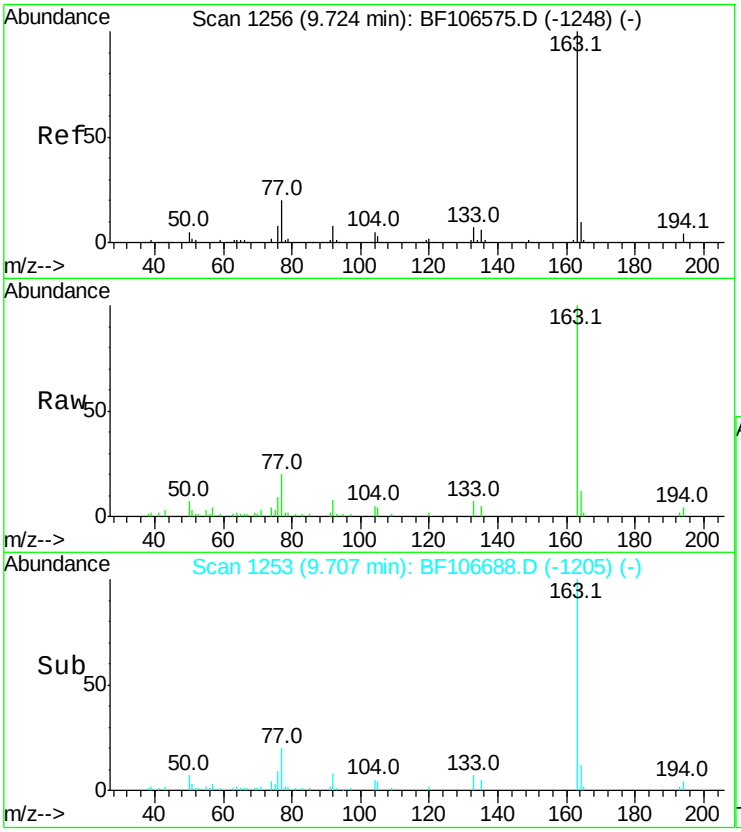


#44
2-Fluorobiphenyl
Concen: 48.128 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:172 Resp: 282661

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.8	19.6	29.4

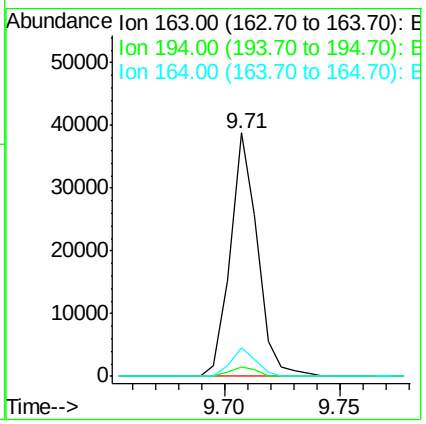




#49
Dimethylphthalate
Concen: 4.811 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:163 Resp: 31662

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.7	8.2	12.2



Instrument :
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ClientSampleId :
26KV-TP-1

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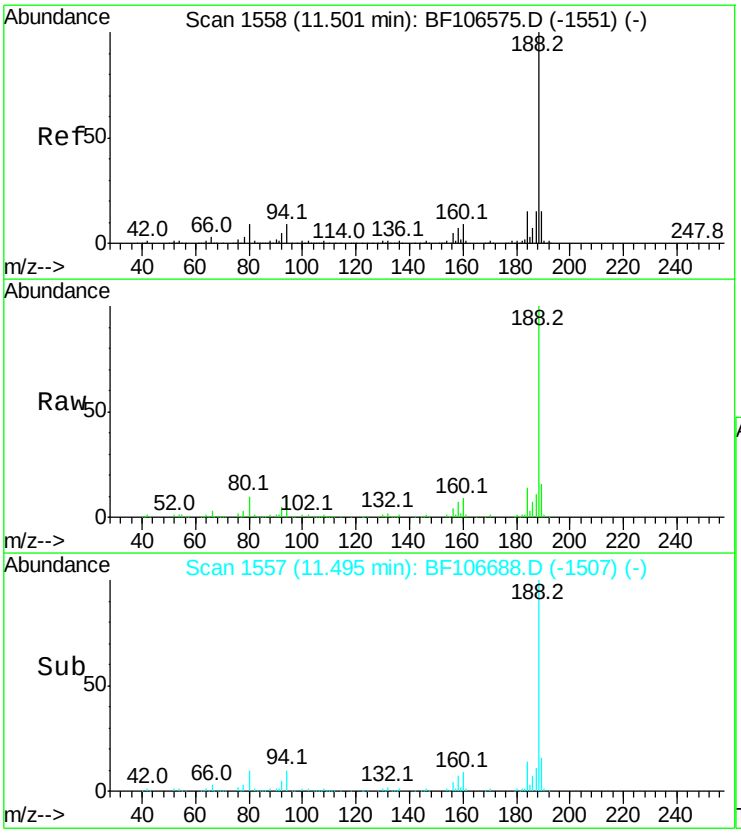
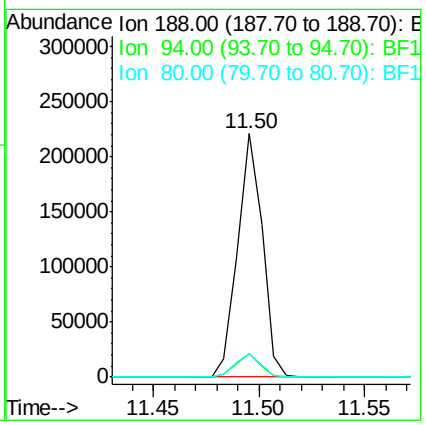
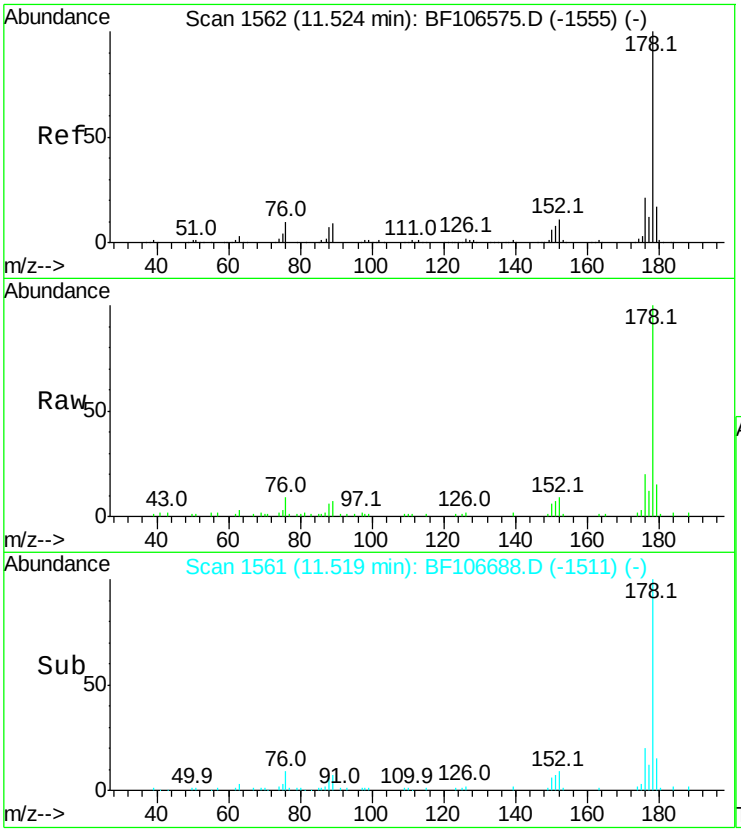


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:188 Resp: 178759

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8

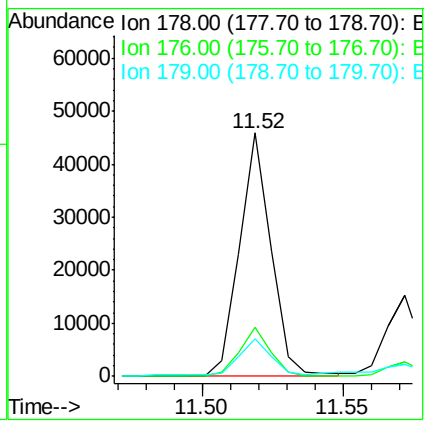




#70
Phenanthrene
Concen: 4.133 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:178 Resp: 35638

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
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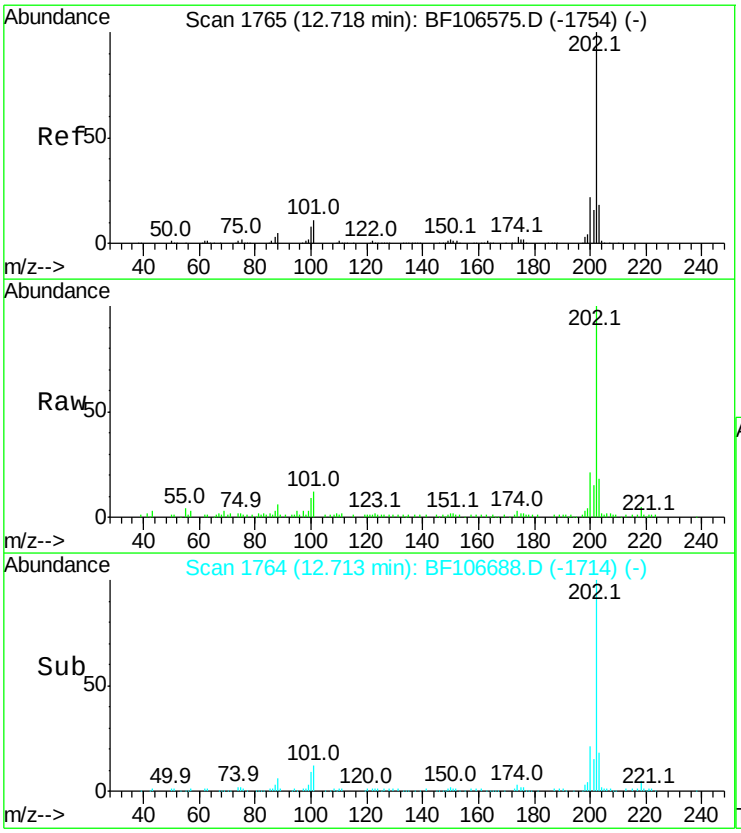
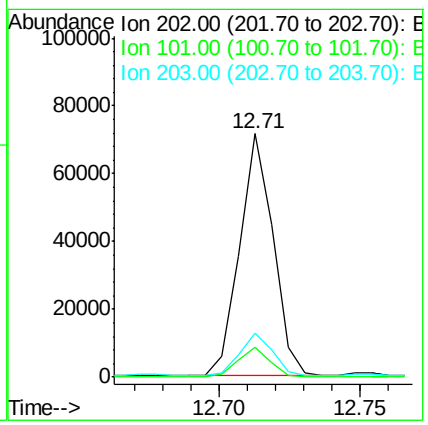
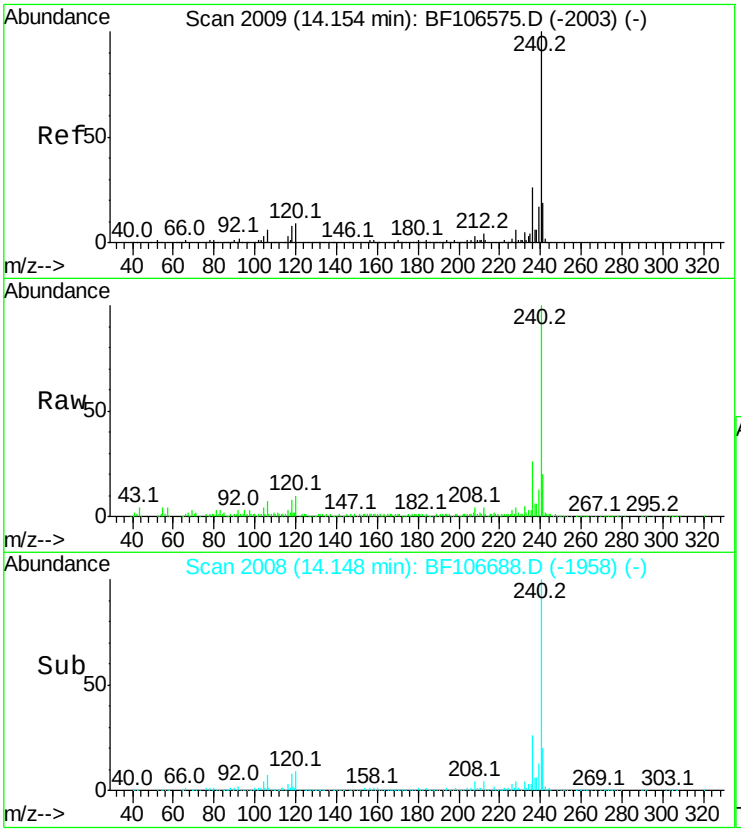


#74
Fluoranthene
Concen: 6.219 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:202 Resp: 59097

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.0	0.0	38.1

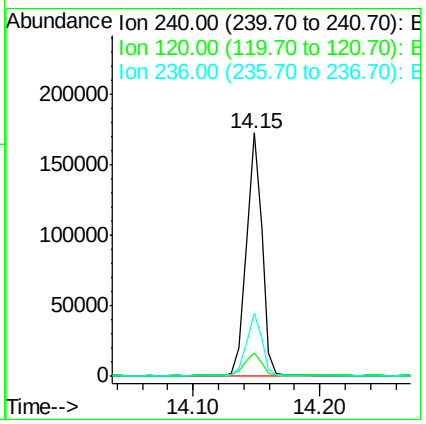




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:240 Resp: 148701

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.8	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
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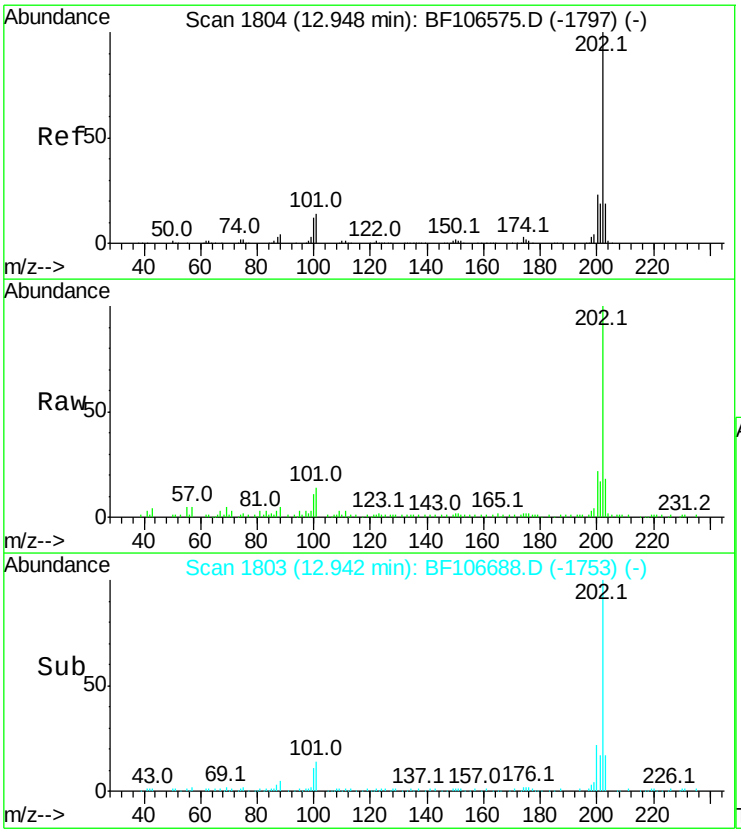
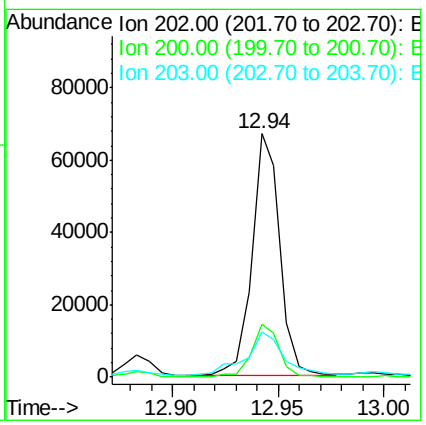
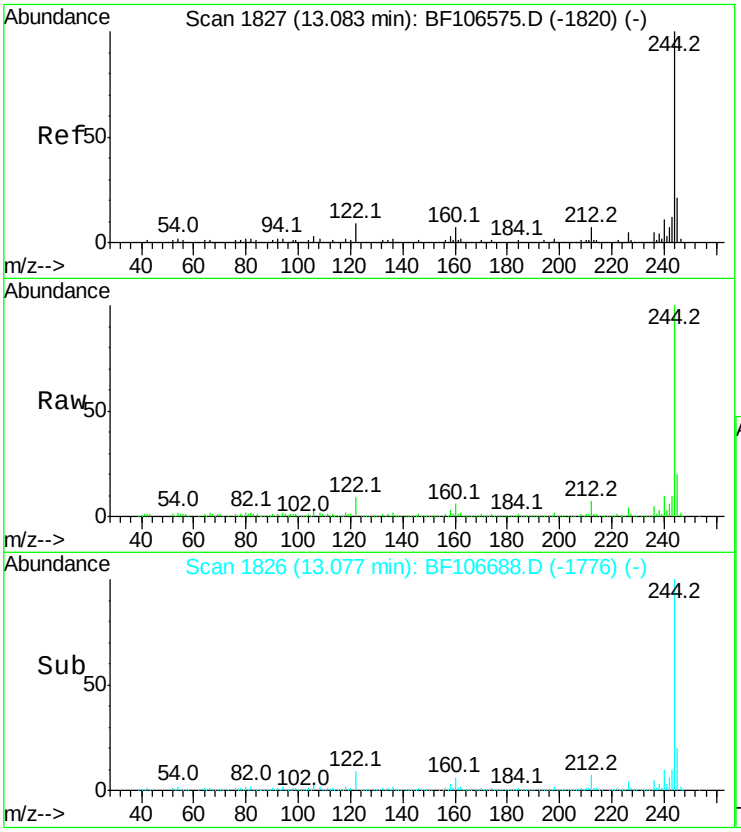


#77
Pyrene
Concen: 6.203 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:202 Resp: 60823

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.5	14.3	21.5





#78
Terphenyl-d14
Concen: 53.771 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:244 Resp: 330090

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
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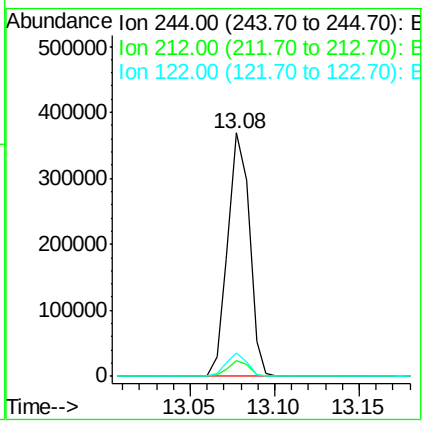
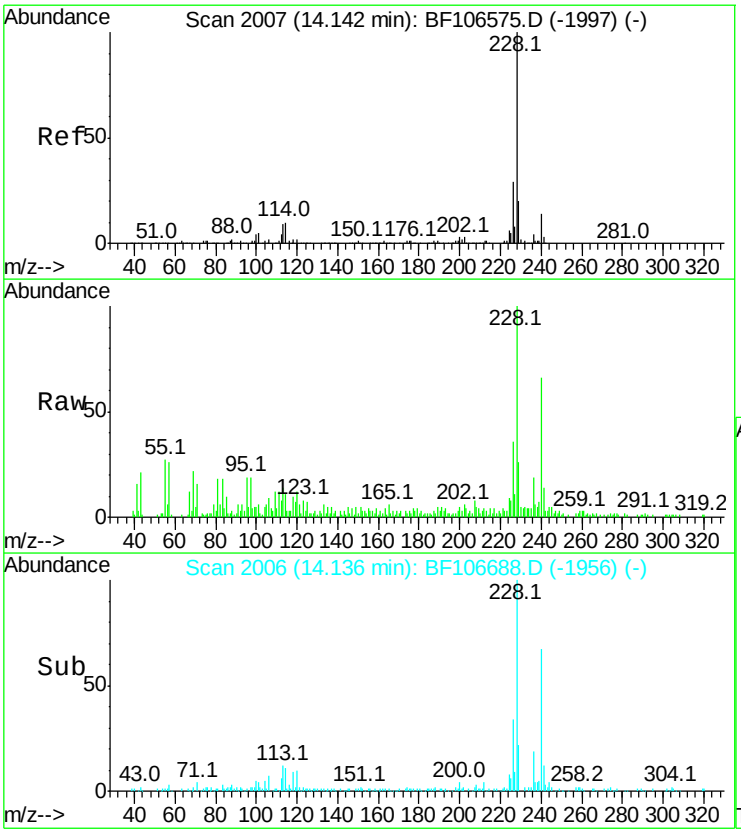
6/22/2018 10:23:46 AM

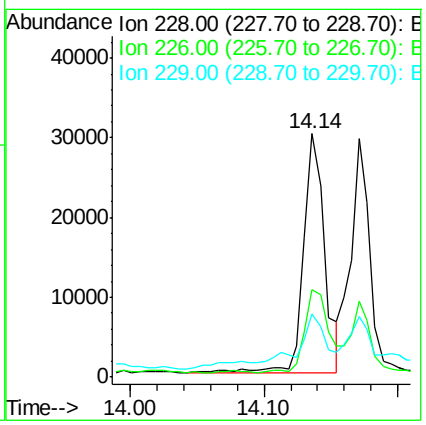


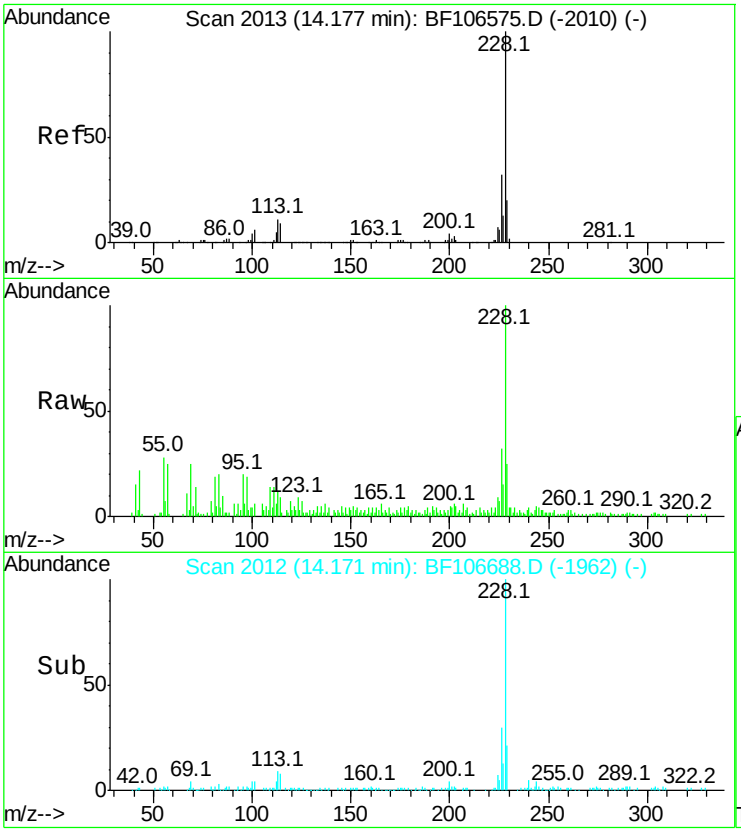


#80
Benzo(a)anthracene
Concen: 3.599 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:228 Resp: 32618

Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	26.1	15.8	23.6#

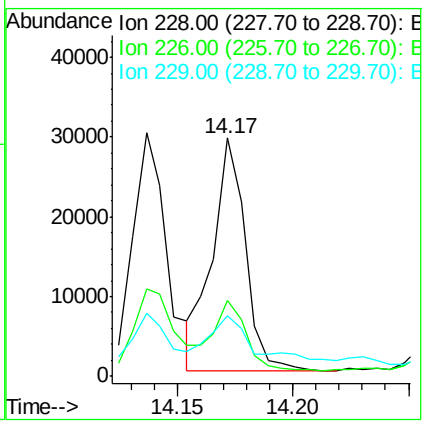




#82
Chrysene
Concen: 3.496 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:228 Resp: 29150

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	25.4	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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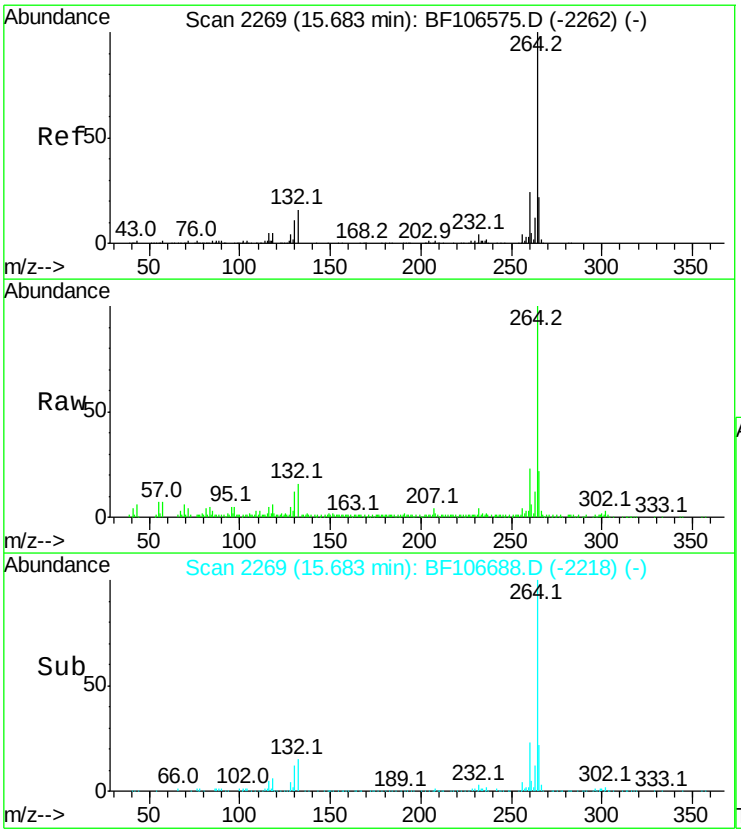
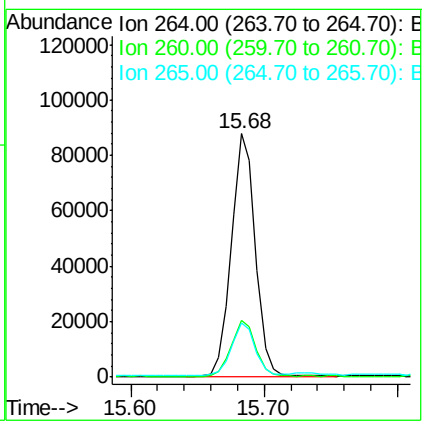
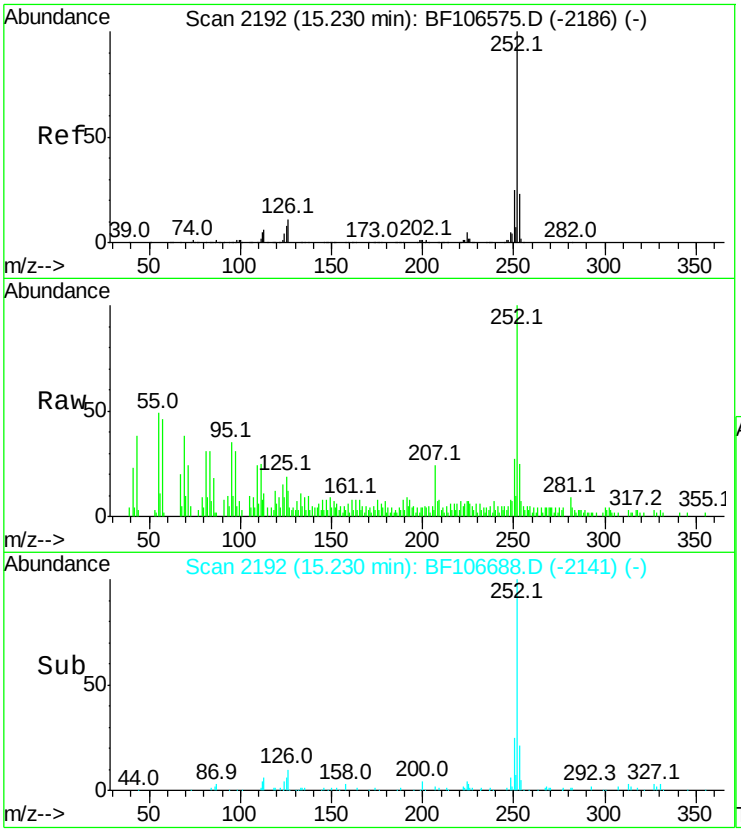


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:264 Resp: 111522

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 3.753 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:252 Resp: 26002

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	19.2	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

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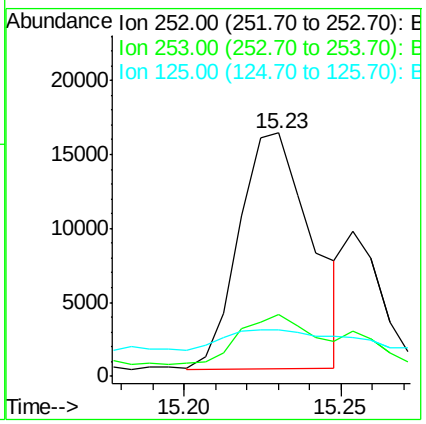
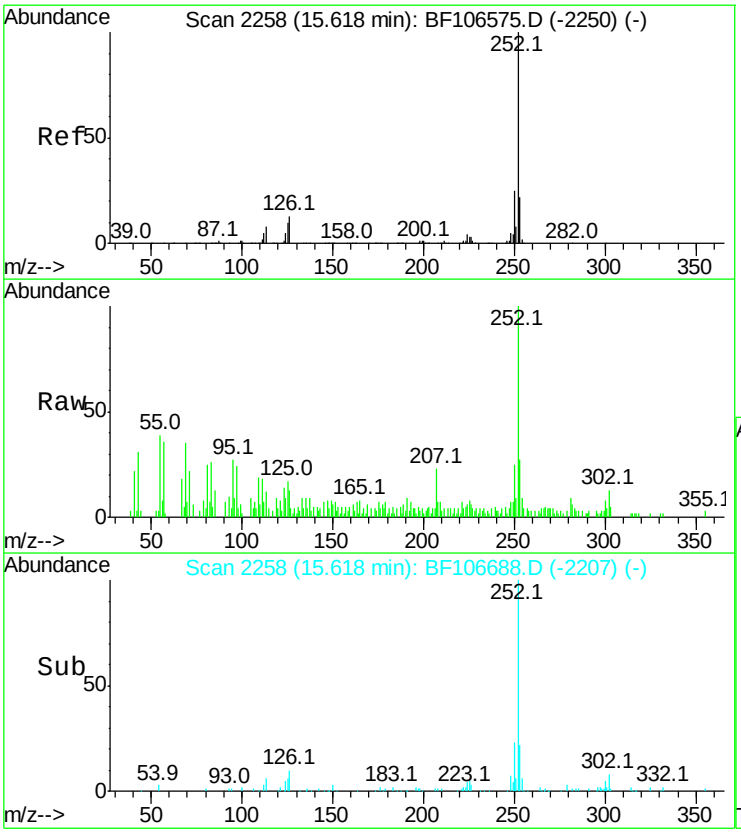
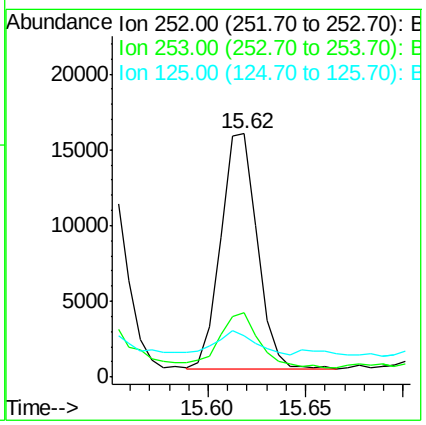


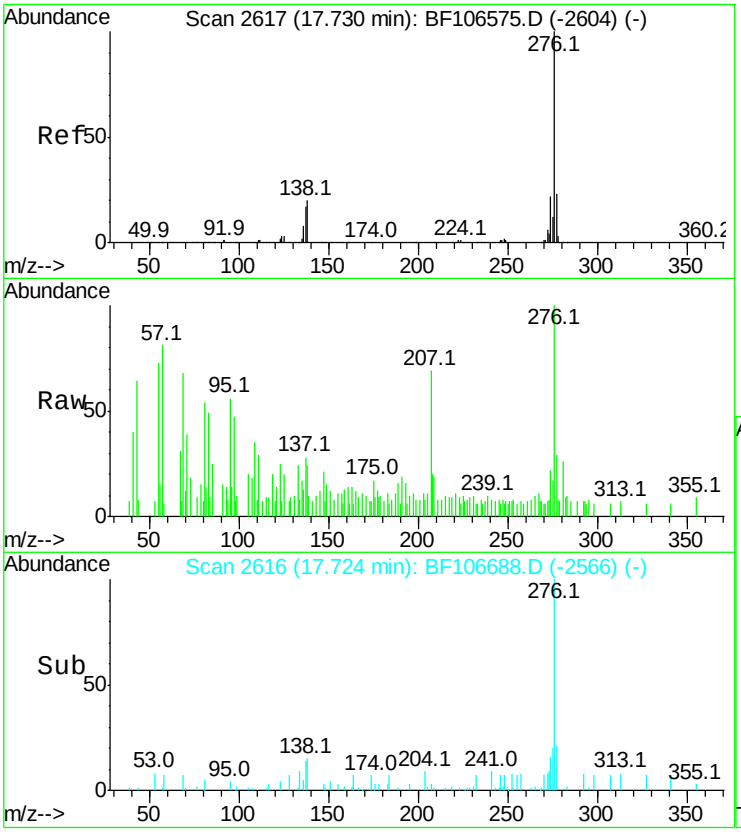


#89
Benzo(a)pyrene
Concen: 3.277 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:252 Resp: 20181

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	17.0	9.8	14.6#

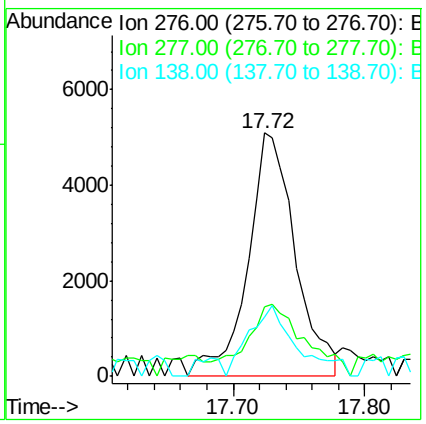




#91
Benzo(g,h,i)perylene
Concen: 2.475 ng m
RT: 17.72 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF106688.D
Acq: 22 Jun 2018 3:34

Tgt Ion:276 Resp: 12624

Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	24.4	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Manual Integrations APPROVED
Sohil
6/22/2018 10:23:46 AM