Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101449.D
Acq On : 15 Dec 2017 18:06
Operator : SJ/JU
Sample : I6822-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
Sohil
12/15/2017 7:51:01 PM

Quant Time: Dec 15 18:49:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179216	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	678587	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	274172	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	454445	20.00	ng		0.01
75) Chrysene-d12	14.00	240	352902	20.00	ng		0.00
86) Perylene-d12	15.47	264	320852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	62003	5.15	ng		0.02
7) Phenol-d6	6.45	99	1033010	68.99	ng		0.00
23) Nitrobenzene-d5	7.39	82	845801	69.38	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	1030	0.39	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1374960	77.79	ng		0.00
78) Terphenyl-d14	12.93	244	1150514	78.59	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	50127	2.937	ng		84
31) Naphthalene	8.12	128	255445	7.477	ng		98
37) 2-Methylnaphthalene	8.82	142	436384	19.606	ng		100
49) Dimethylphthalate	9.57	163	138262	6.269	ng	#	97
70) Phenanthrene	11.38	178	296481	11.731	ng		99
74) Fluoranthene	12.57	202	95861	3.614	ng		96
77) Pyrene	12.80	202	87682	3.311	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	40969	2.699	ng		93
87) Benzo(b)fluoranthene	15.04	252	52041m	2.661	ng		

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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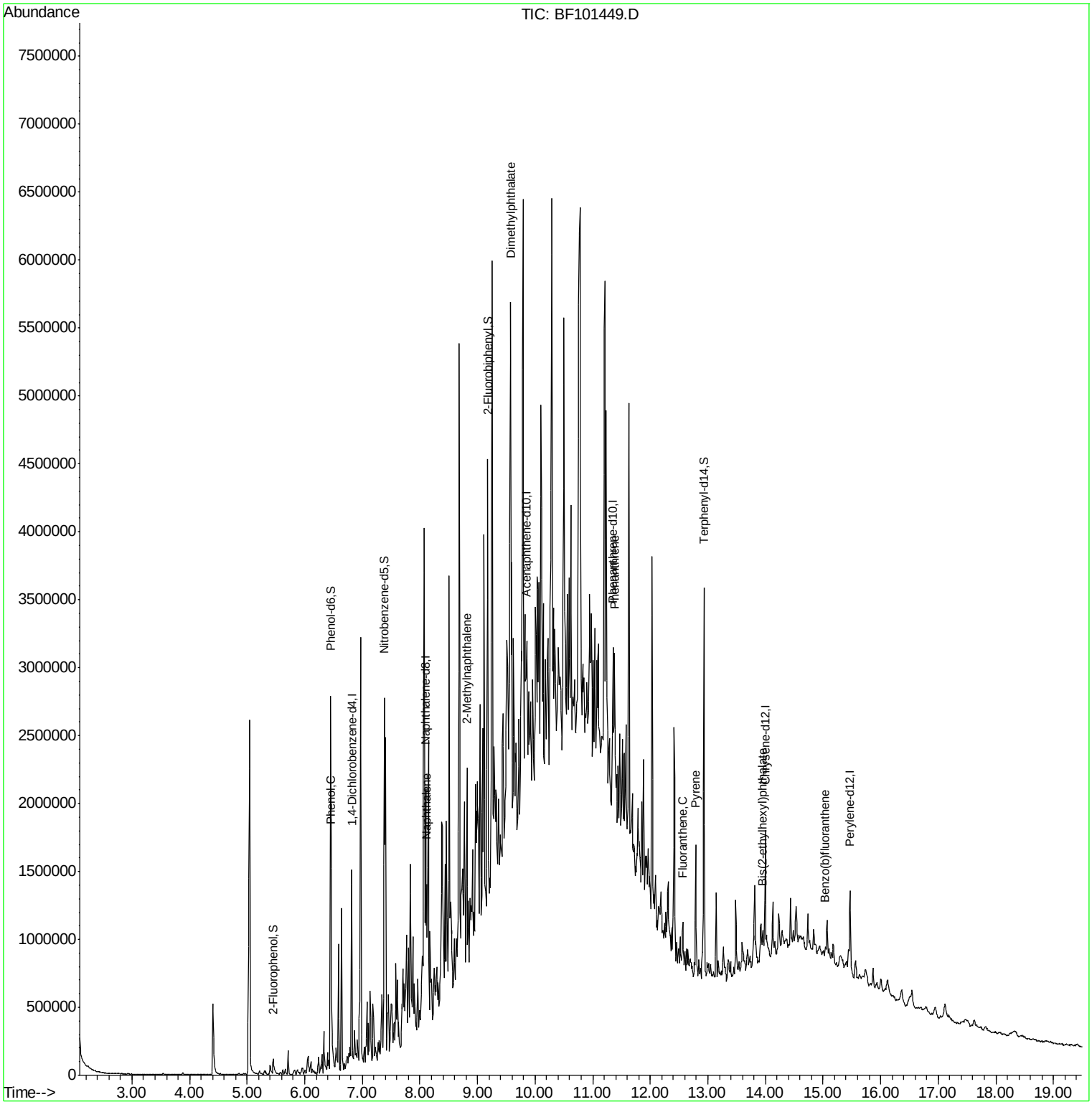
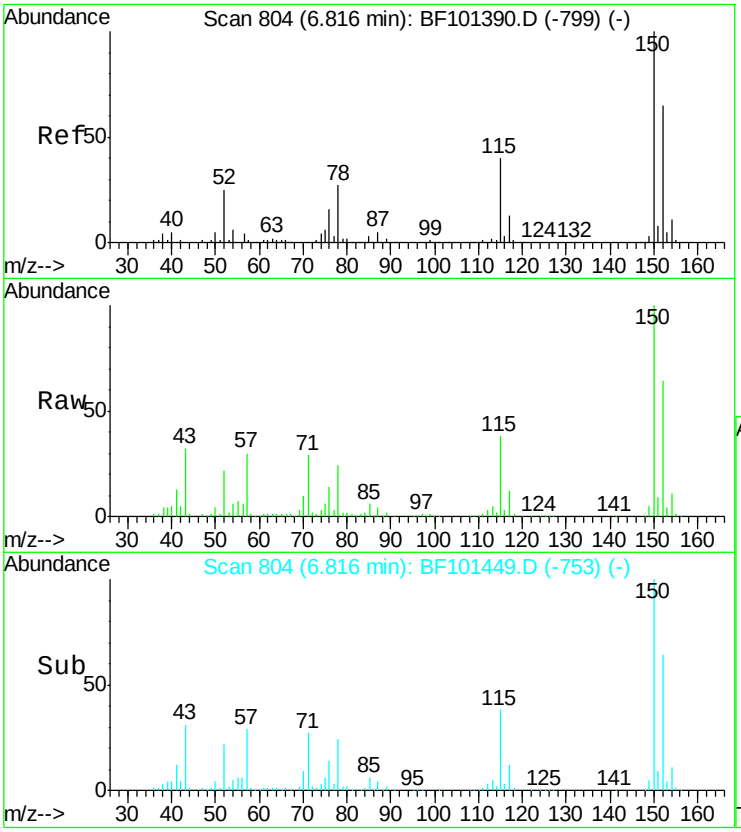
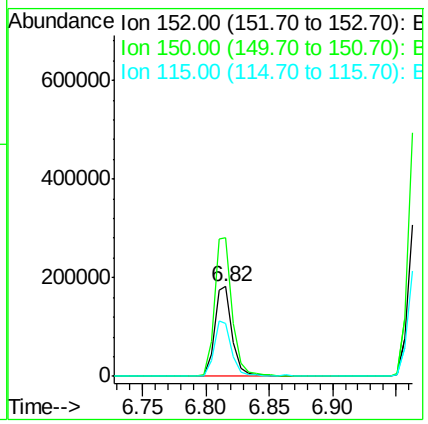




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:152 Resp: 179216

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	58.4	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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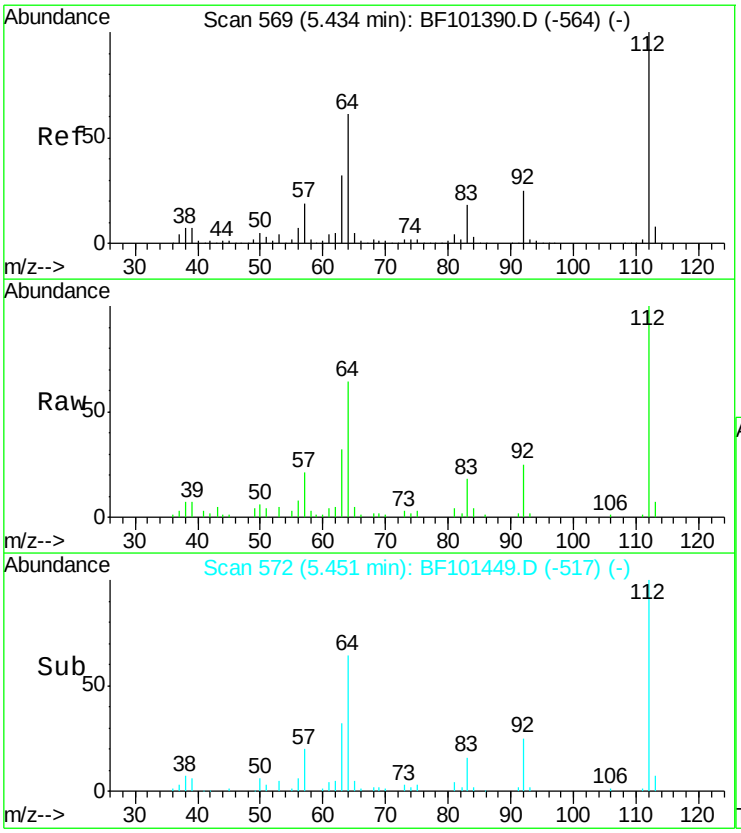
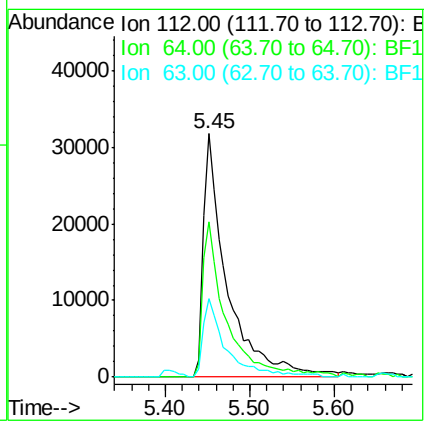
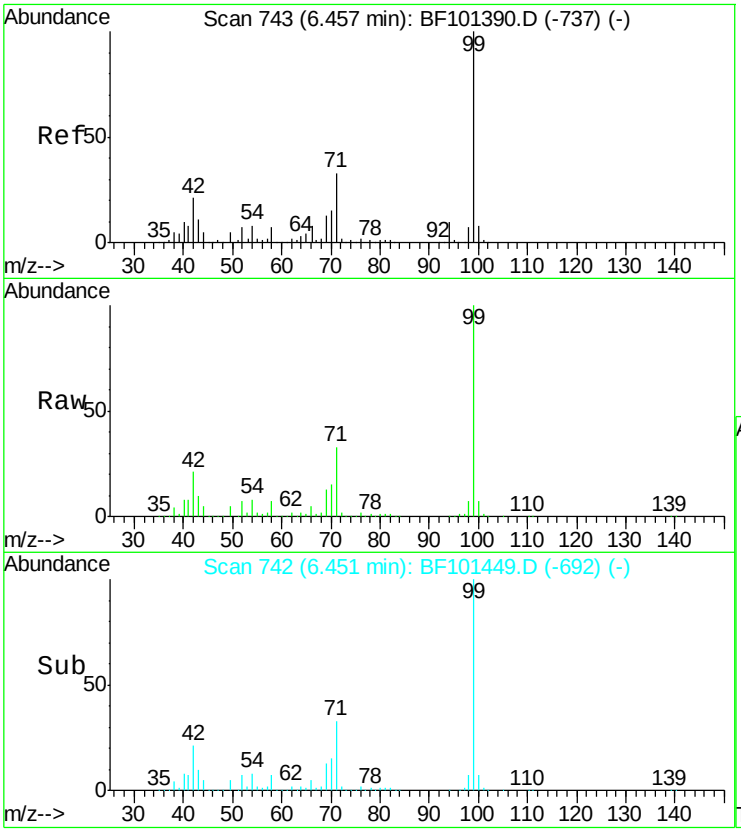


#5
2-Fluorophenol
Concen: 5.153 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:112 Resp: 62003

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.1	23.7	35.5

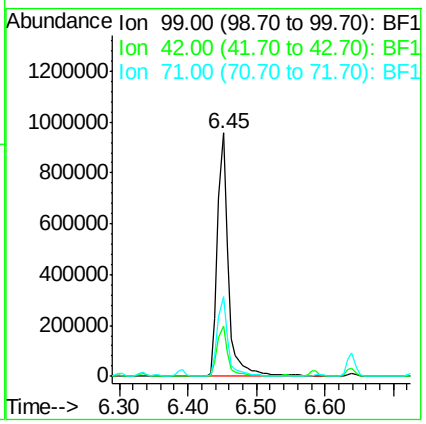




#7
Phenol-d6
Concen: 68.989 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion: 99 Resp: 1033010

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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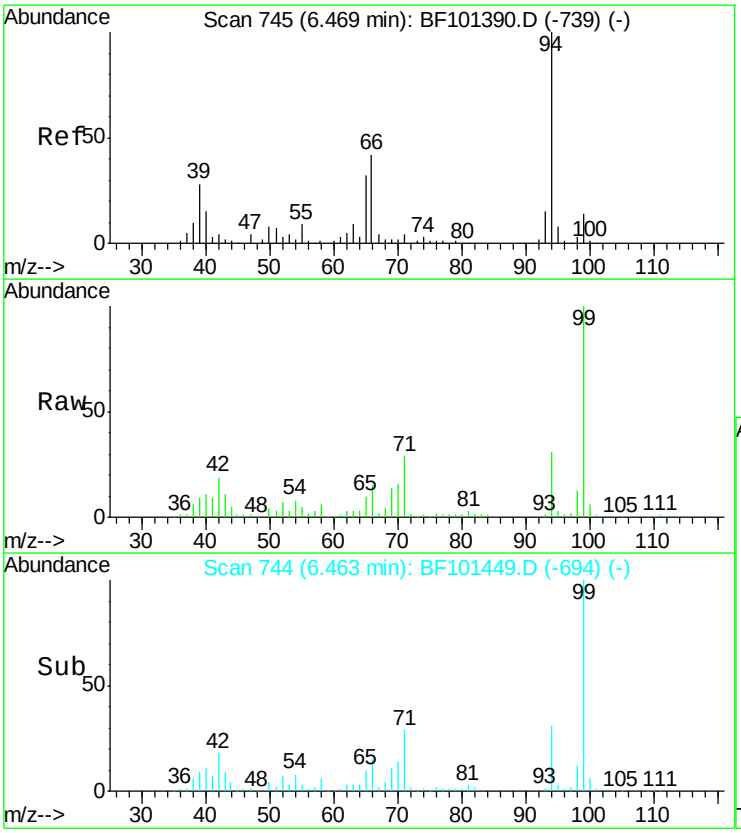
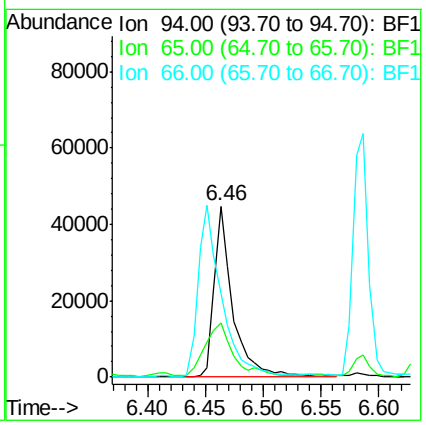
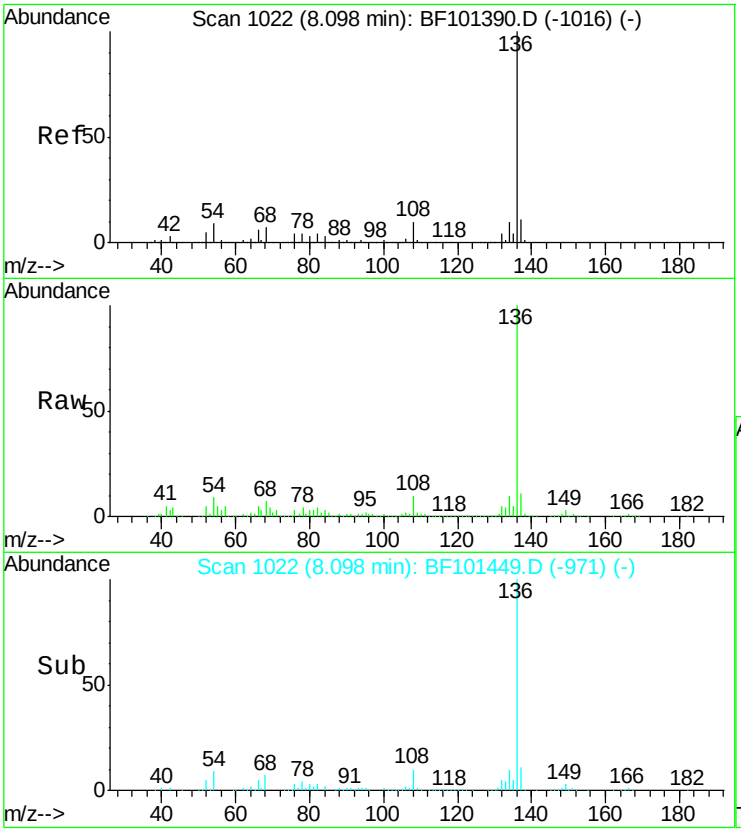


#10
Phenol
Concen: 2.937 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion: 94 Resp: 50127

Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.9	47.9
66	49.2	16.2	56.2

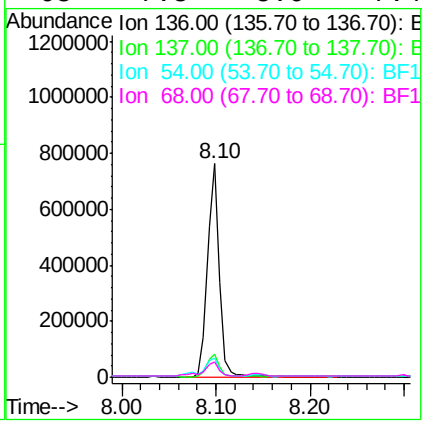




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:136 Resp: 678587

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	7.3	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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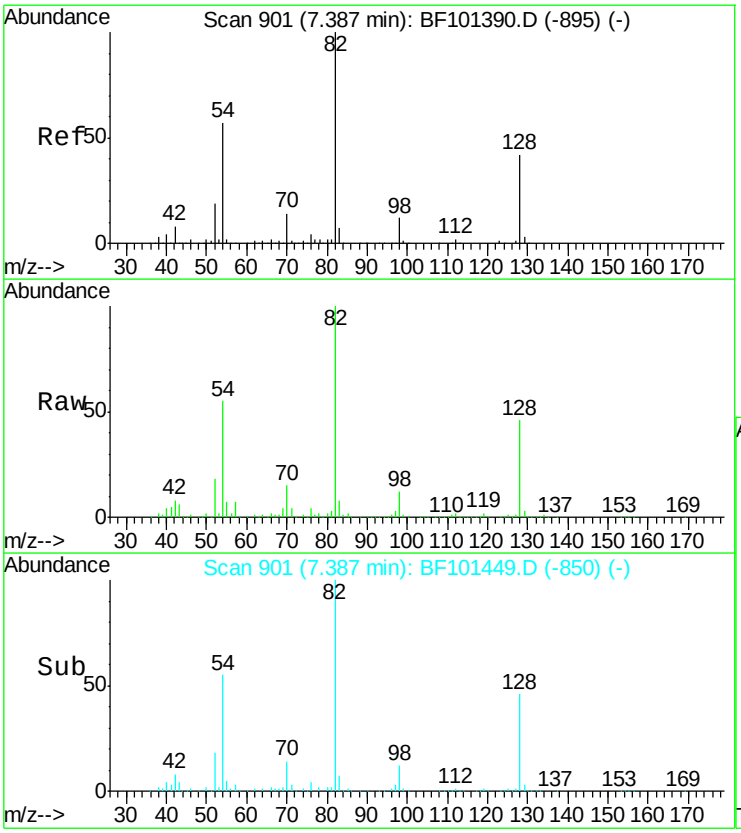
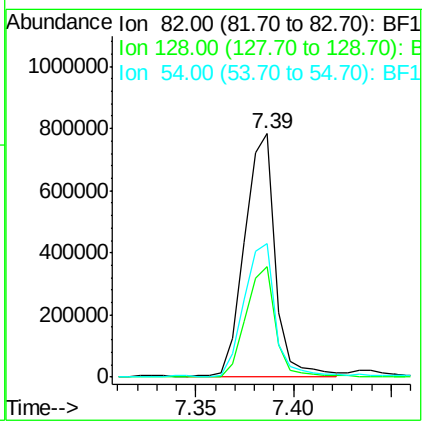
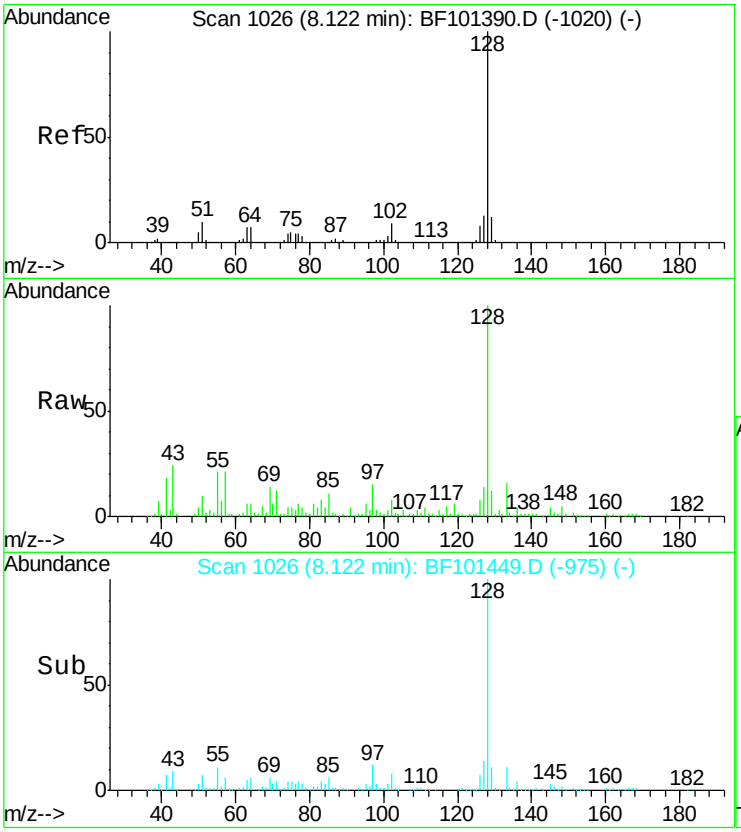


#23
Nitrobenzene-d5
Concen: 69.383 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion: 82 Resp: 845801

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	55.0	41.4	62.2

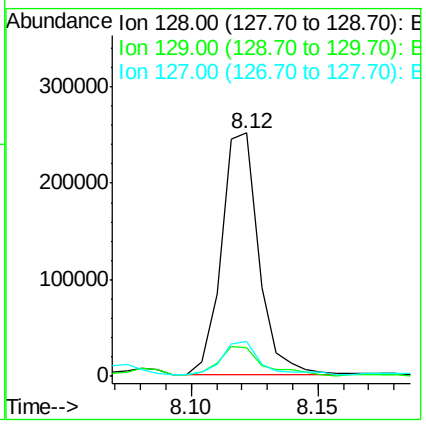




#31
Naphthalene
Concen: 7.477 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:128 Resp: 255445

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.4	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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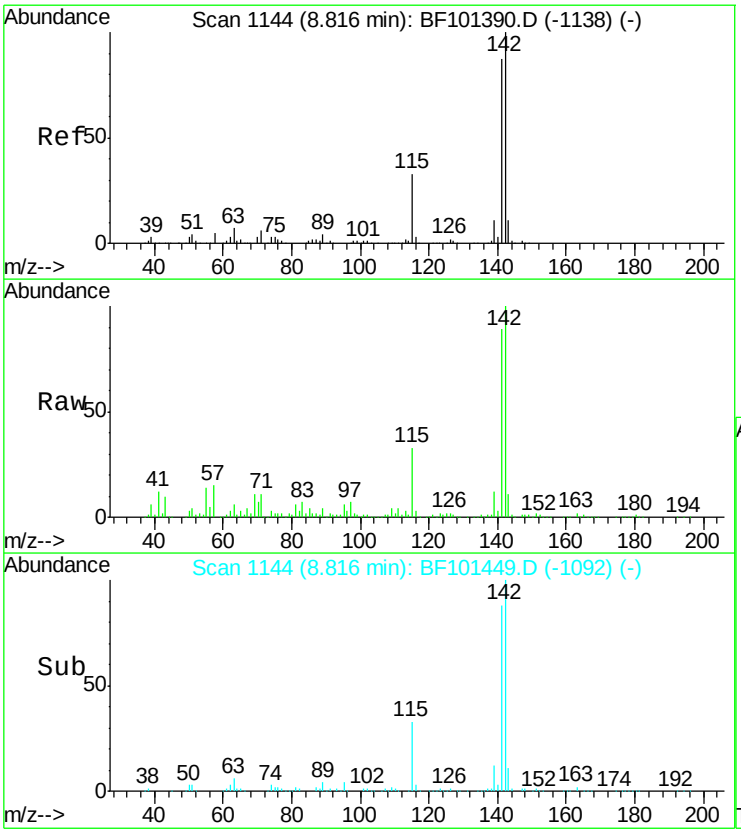
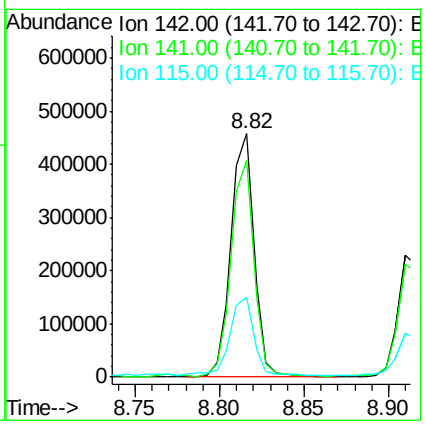
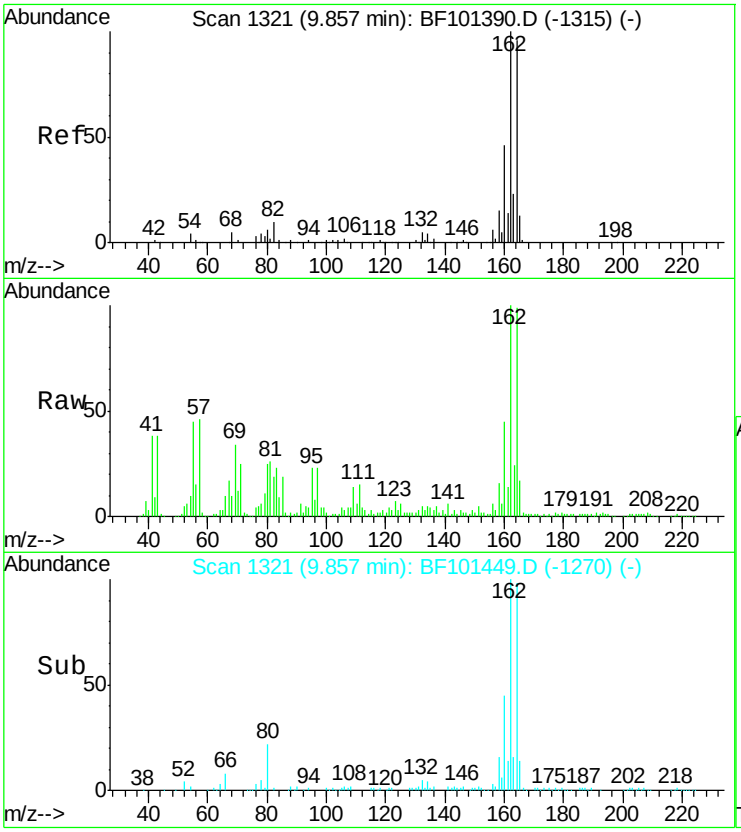


#37
2-Methylnaphthalene
Concen: 19.606 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:142 Resp: 436384

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.7	26.1	39.1

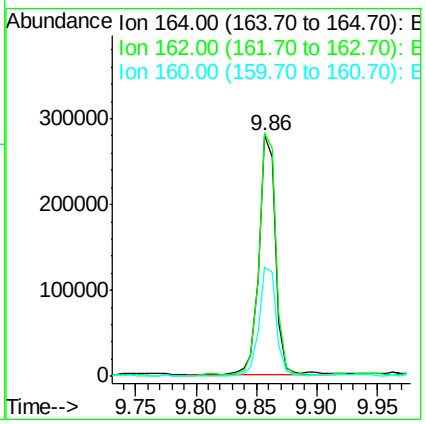




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:164 Resp: 274172

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.6	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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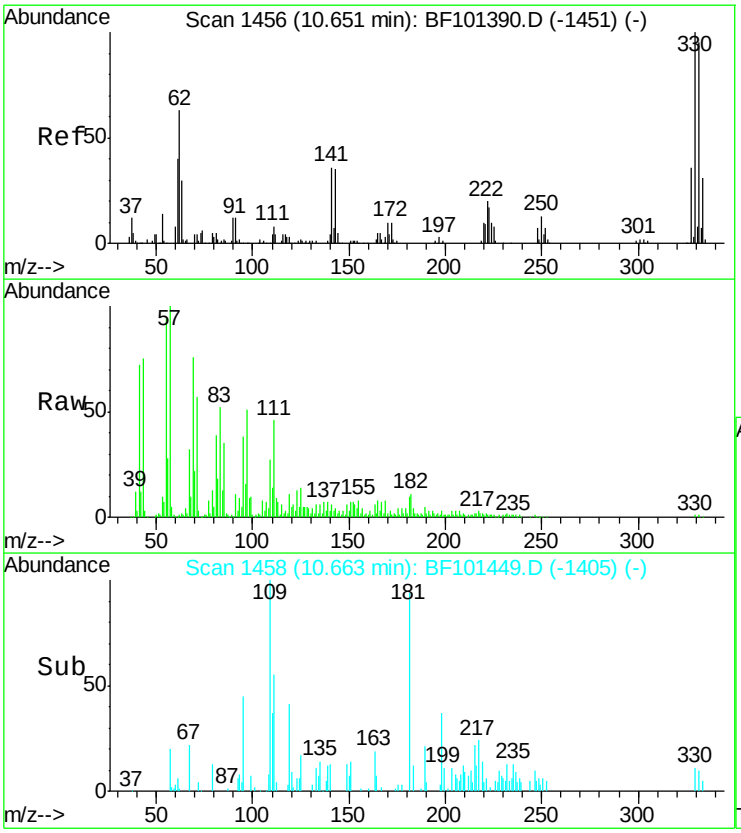
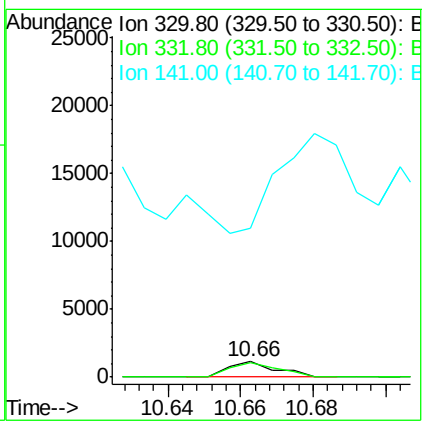
12/15/2017 7:51:01 PM

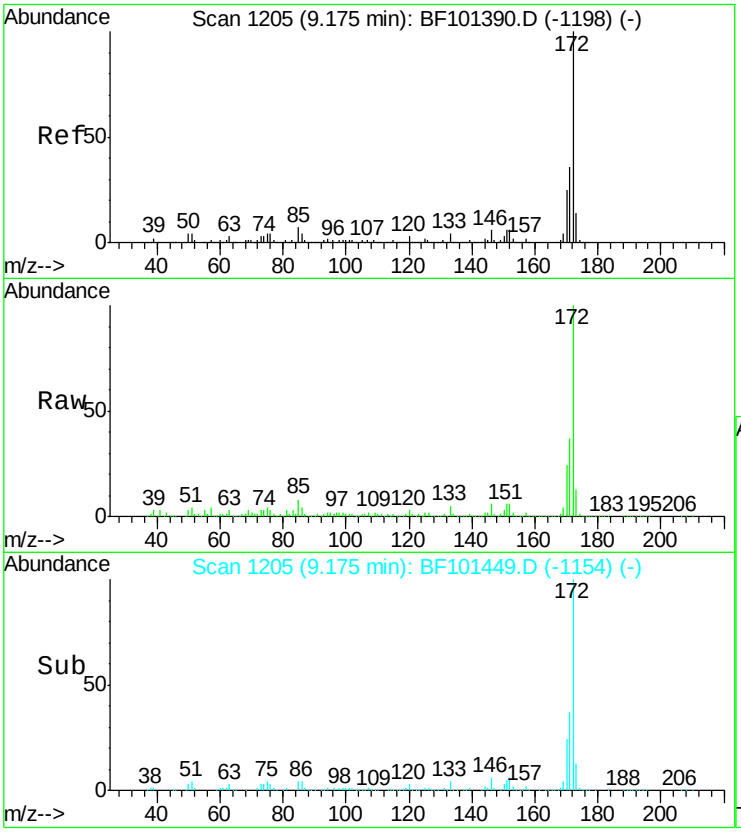


#41
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:330 Resp: 1030

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	1012.1	29.9	44.9#

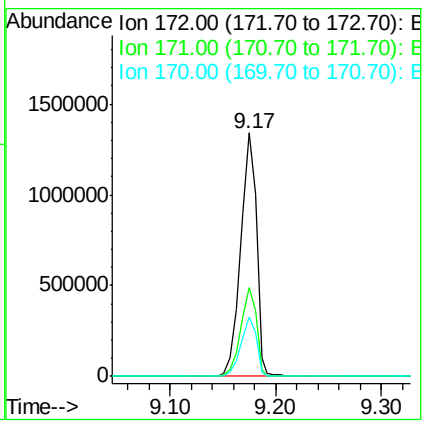




#44
2-Fluorobiphenyl
Concen: 77.794 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:172 Resp: 1374960

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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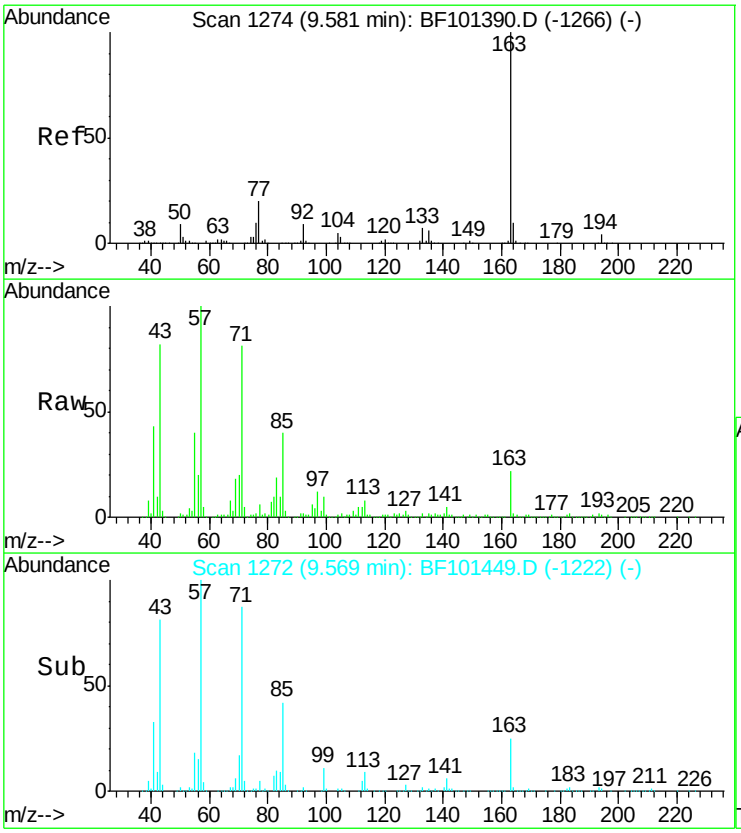
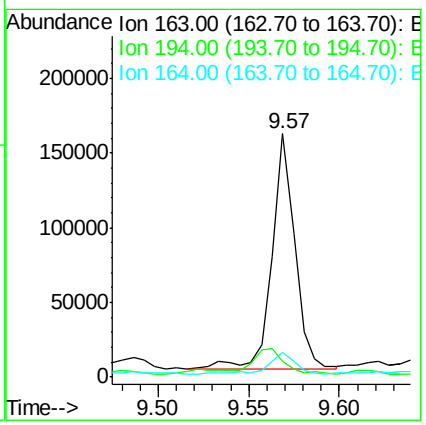
12/15/2017 7:51:01 PM

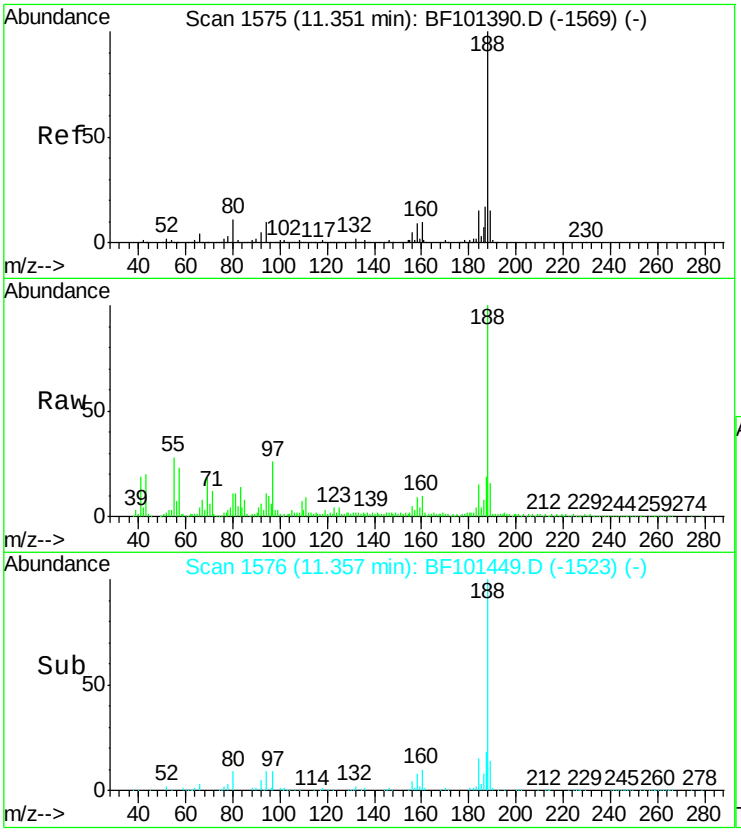


#49
Dimethylphthalate
Concen: 6.269 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:163 Resp: 138262

Ion	Ratio	Lower	Upper
163	100		
194	6.5	2.7	4.1#
164	10.1	8.2	12.2

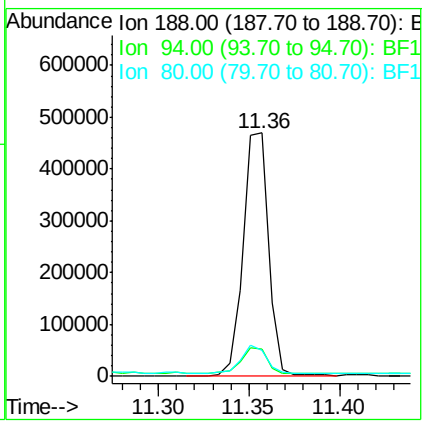




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:188 Resp: 454445

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	10.9	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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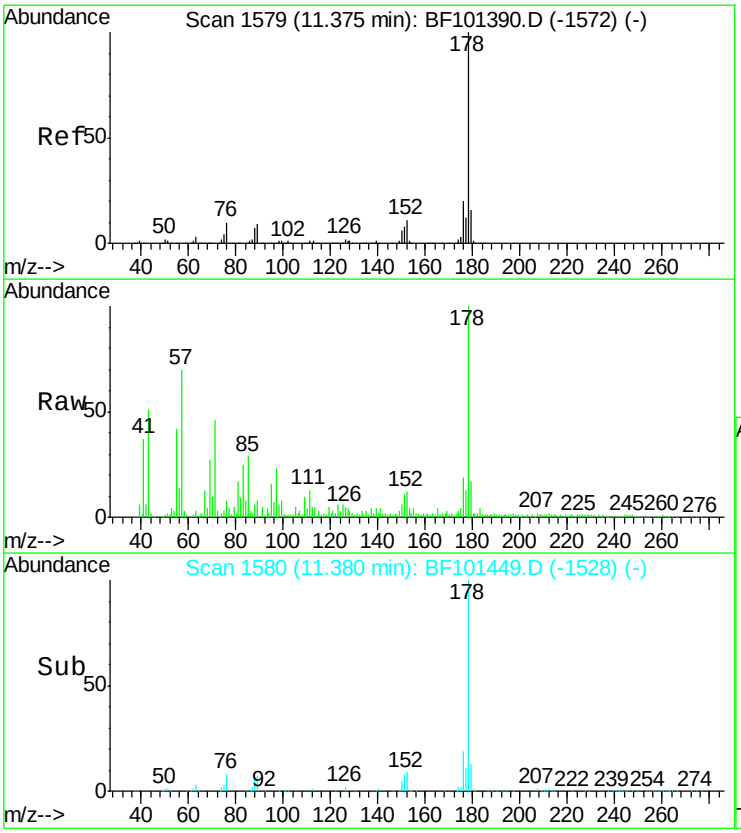
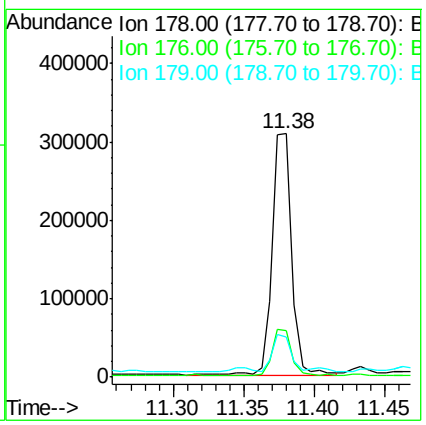
12/15/2017 7:51:01 PM

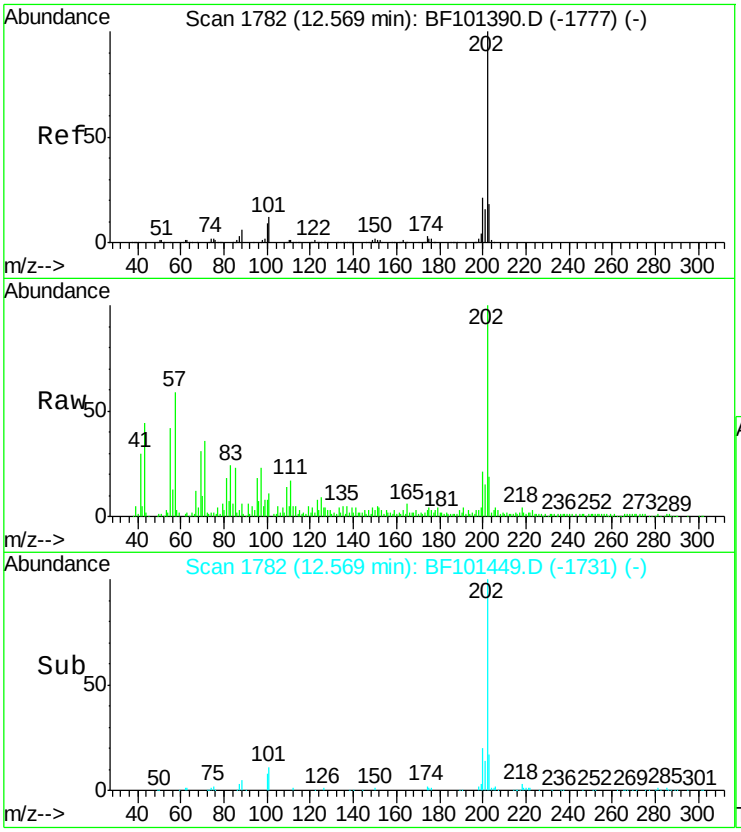


#70
Phenanthrene
Concen: 11.731 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:178 Resp: 296481

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.6	13.0	19.6

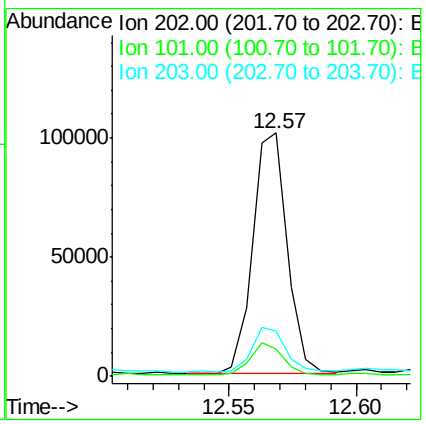




#74
Fluoranthene
Concen: 3.614 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

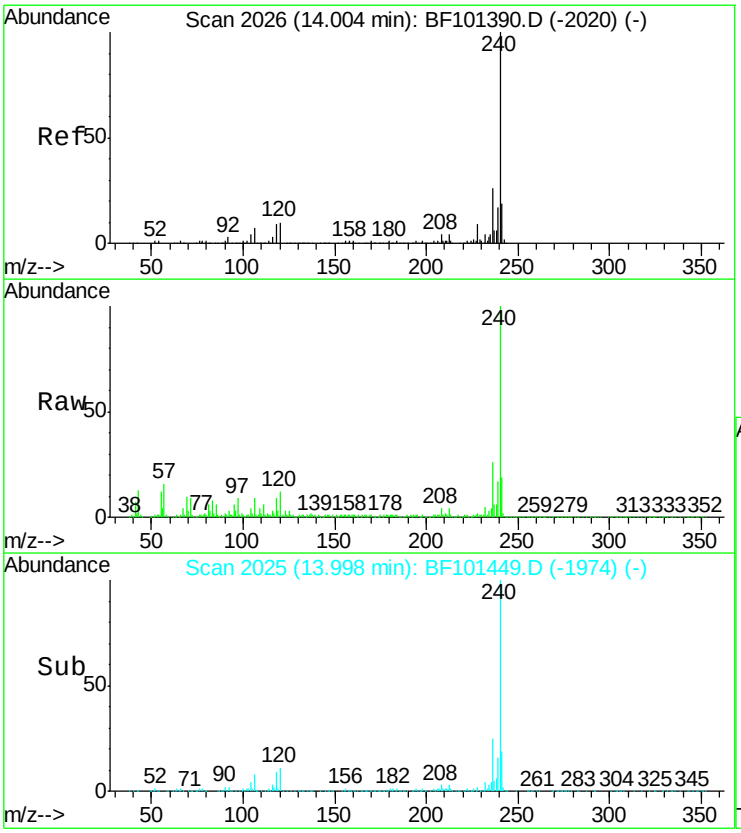
Tgt Ion:202 Resp: 95861

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.7	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

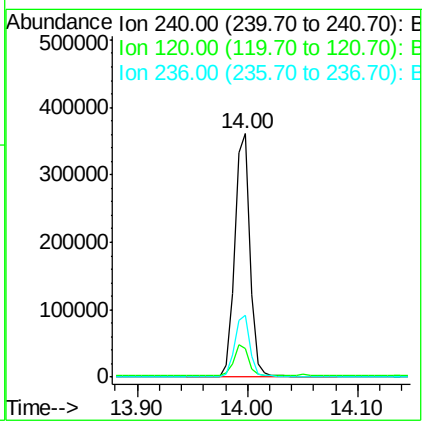
Manual Integrations APPROVED
Sohil
12/15/2017 7:51:01 PM

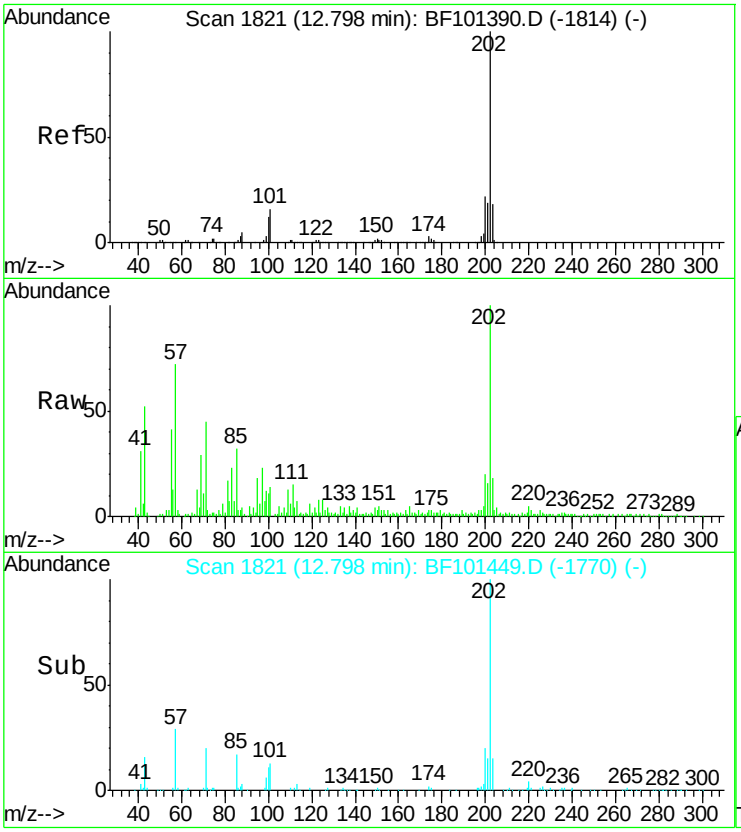


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:240 Resp: 352902

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.5	20.7	31.1

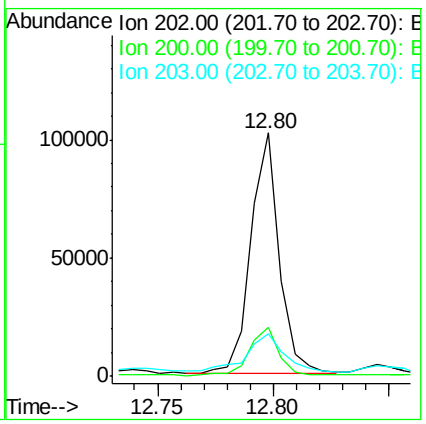




#77
Pyrene
Concen: 3.311 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:202 Resp: 87682

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

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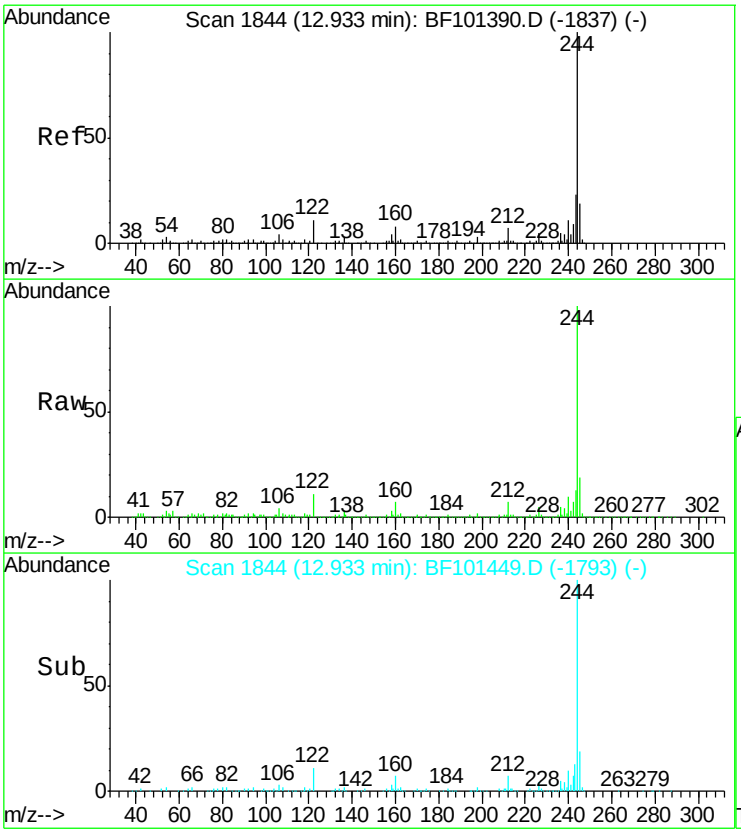
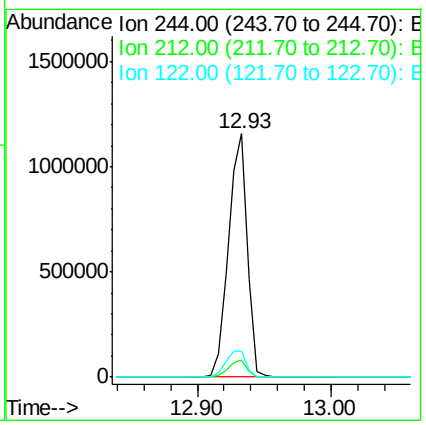
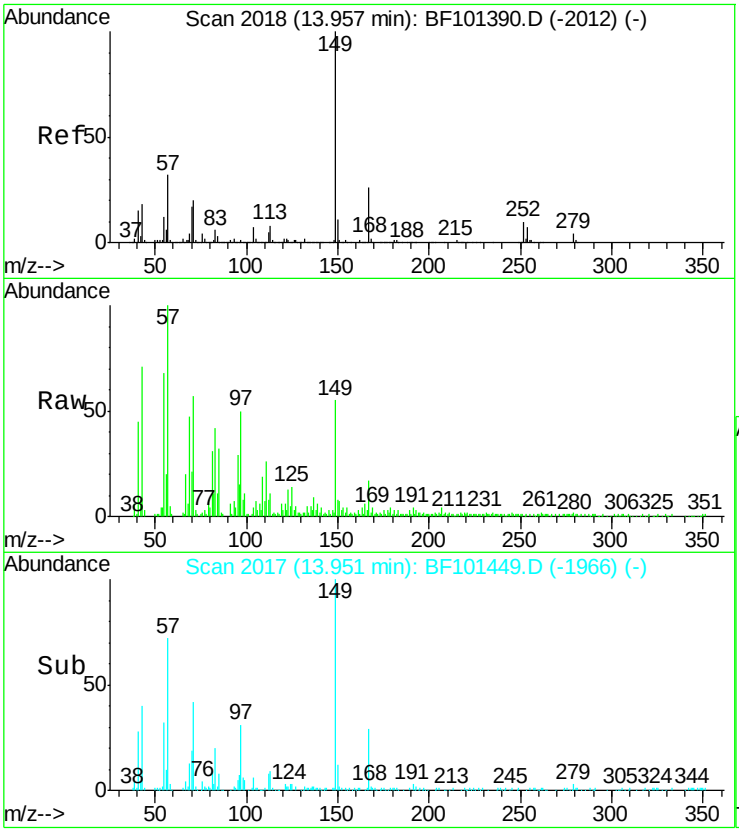


#78
Terphenyl-d14
Concen: 78.595 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:244 Resp: 1150514

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4#





#83
Bis(2-ethylhexyl)phthalate
Concen: 2.699 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:149 Resp: 40969

Ion	Ratio	Lower	Upper
149	100		
167	30.4	21.3	31.9
279	3.9	3.0	4.4

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

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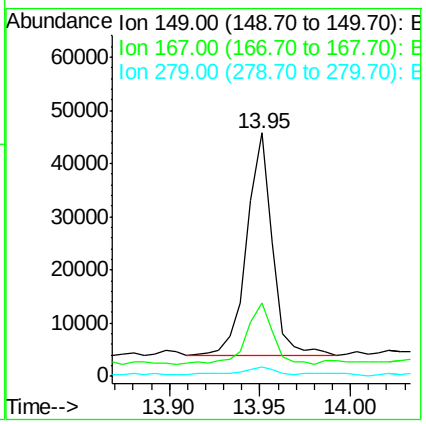
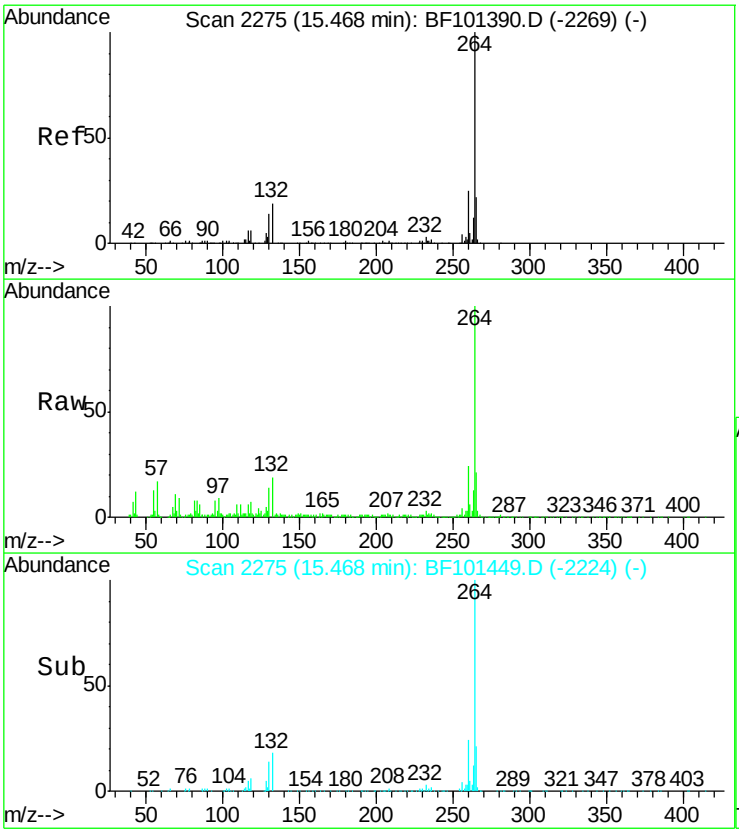
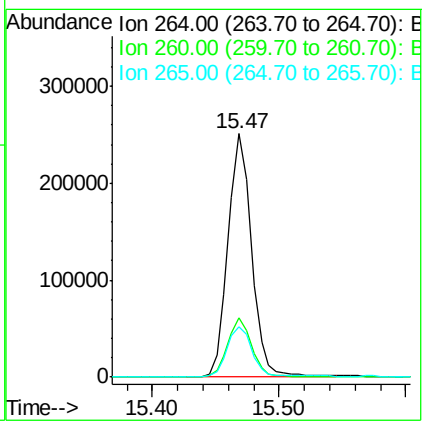


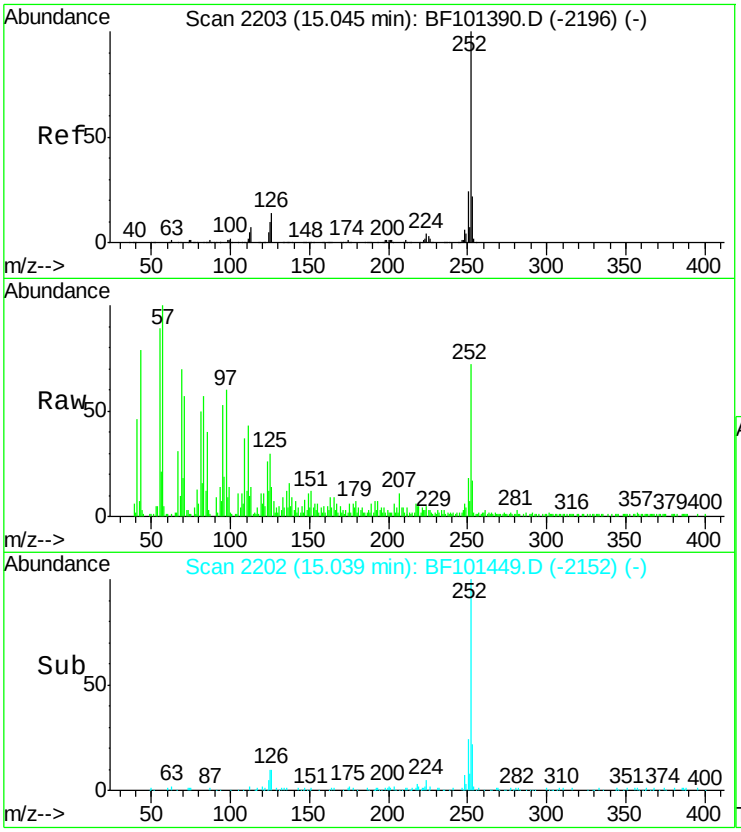


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:264 Resp: 320852

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3

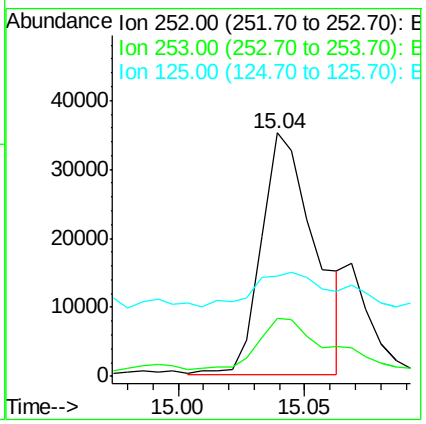




#87
Benzo(b)fluoranthene
Concen: 2.661 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101449.D
Acq: 15 Dec 2017 18:06

Tgt Ion:252 Resp: 52041

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	41.0	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)RE

Manual Integrations APPROVED
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