Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101072.D
Acq On : 1 Dec 2017 19:18
Operator : SJ/JU
Sample : I6622-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
Sohil
12/4/2017 11:56:48 AM

Quant Time: Dec 01 23:43:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54009	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	207555	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89125	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	141805	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122872	20.00	ng	0.00
86) Perylene-d12	15.49	264	103638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	403633	123.49	ng	0.01
7) Phenol-d6	6.49	99	487513	122.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	295494	84.93	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	94244	88.03	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	513903	78.89	ng	0.00
78) Terphenyl-d14	12.96	244	376122	66.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	16711	3.787	ng	96
49) Dimethylphthalate	9.60	163	50780	7.065	ng	99
70) Phenanthrene	11.40	178	17815	2.281	ng	98
74) Fluoranthene	12.59	202	26784	3.094	ng	95
77) Pyrene	12.82	202	24427	2.881	ng	96
80) Benzo(a)anthracene	14.00	228	15924	2.053	ng	91
82) Chrysene	14.04	228	16158m	2.243	ng	
87) Benzo(b)fluoranthene	15.06	252	19025m	3.065	ng	
89) Benzo(a)pyrene	15.43	252	11904	2.109	ng	96

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

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Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
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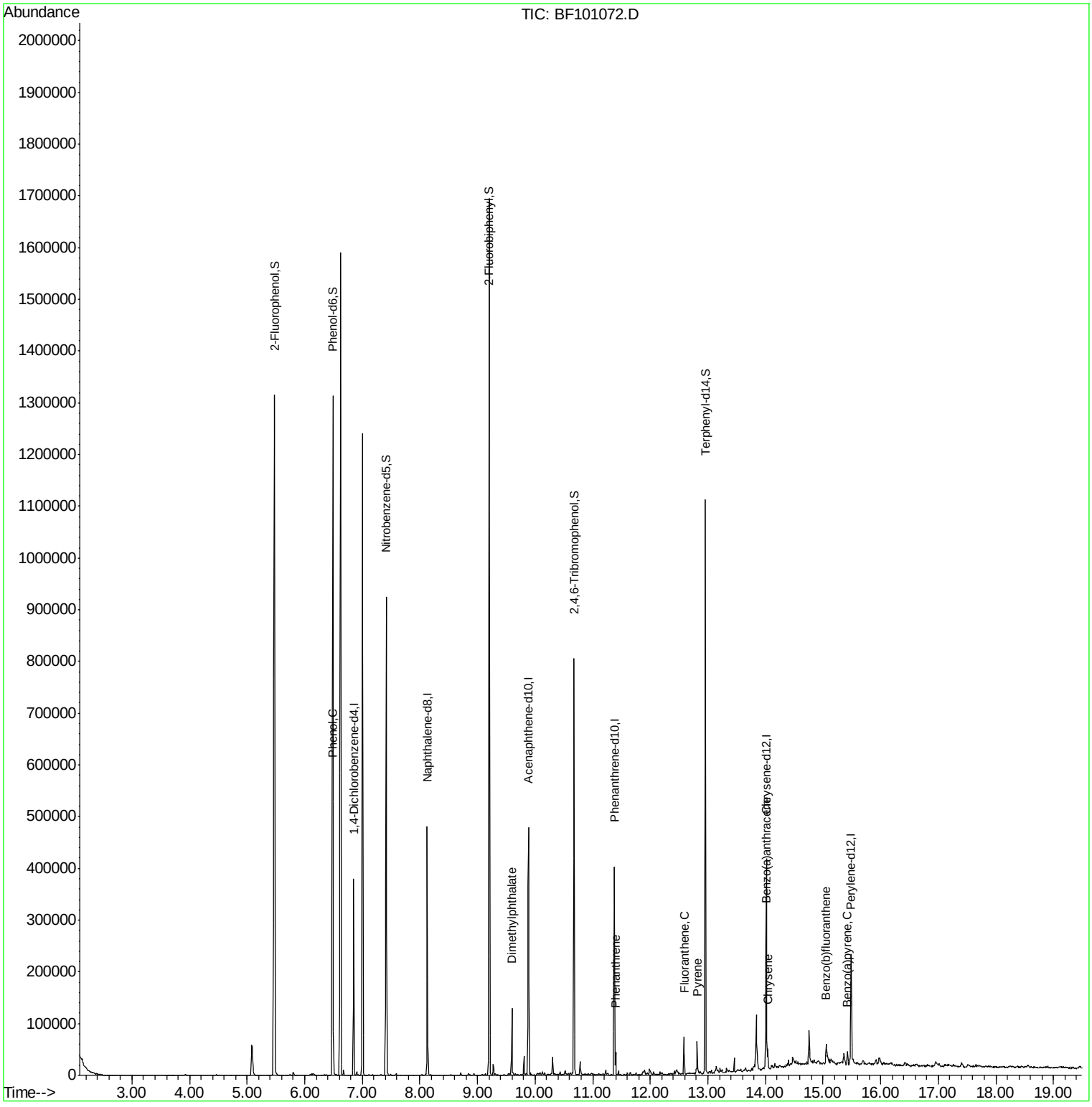
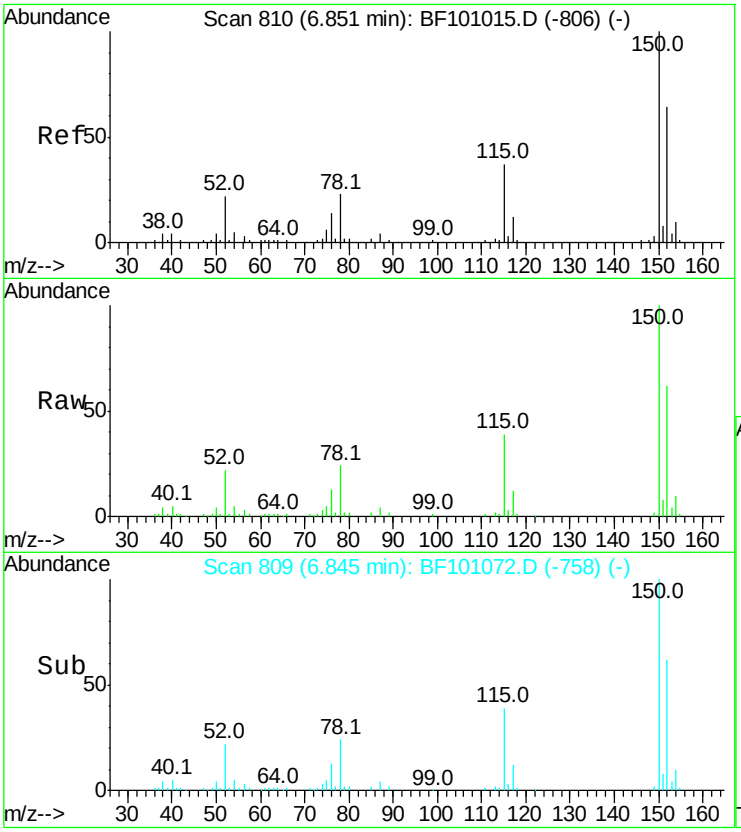
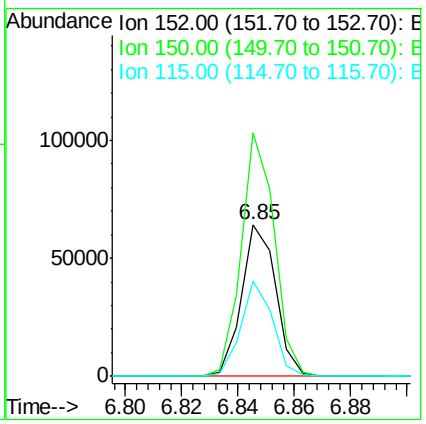




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:152 Resp: 54009

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	62.8	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
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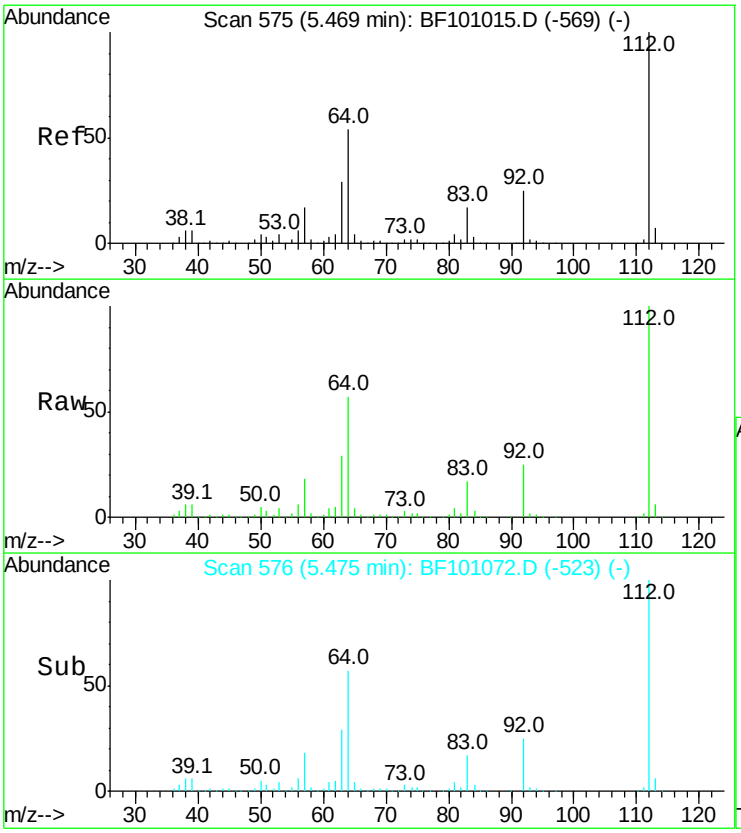
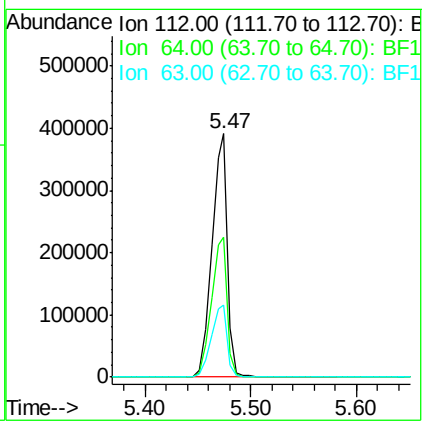
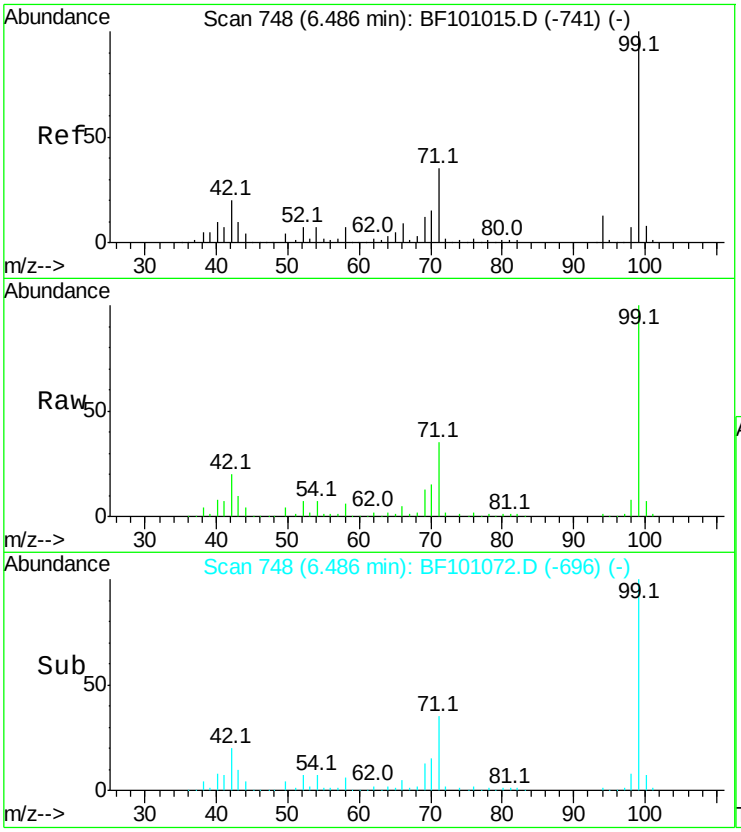


#5
2-Fluorophenol
Concen: 123.494 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:112 Resp: 403633

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.4	23.7	35.5

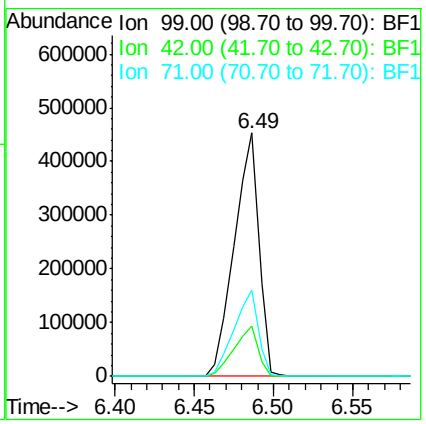




#7
Phenol-d6
Concen: 122.855 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion: 99 Resp: 487513

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	35.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

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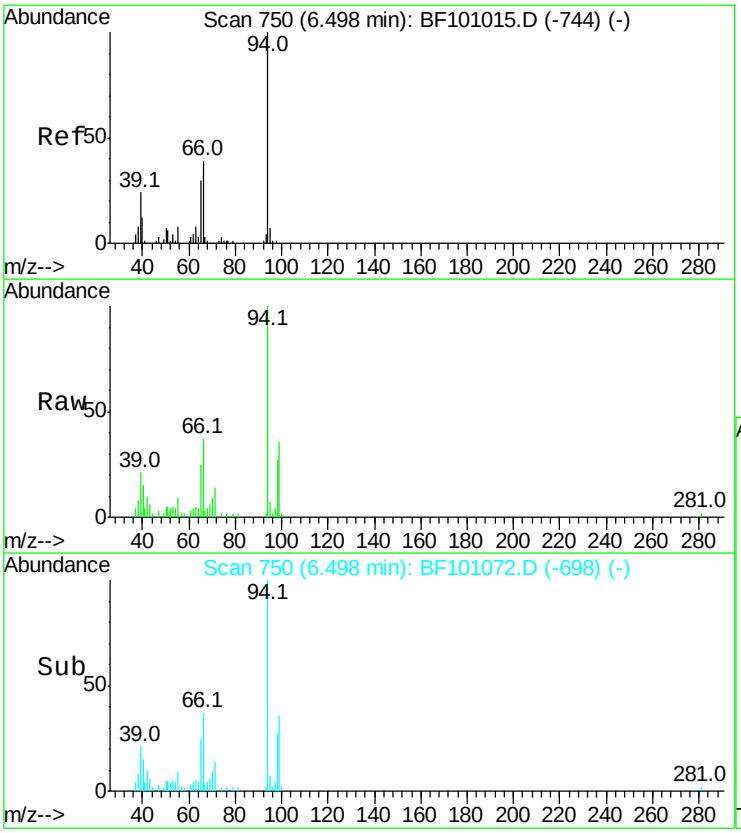
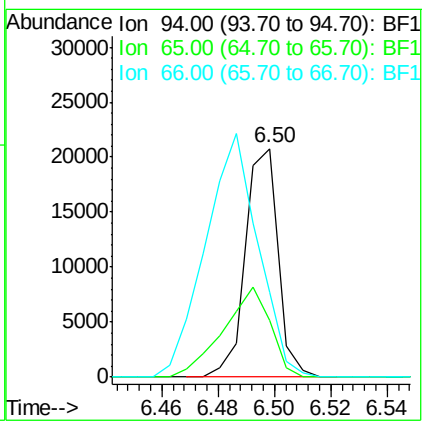
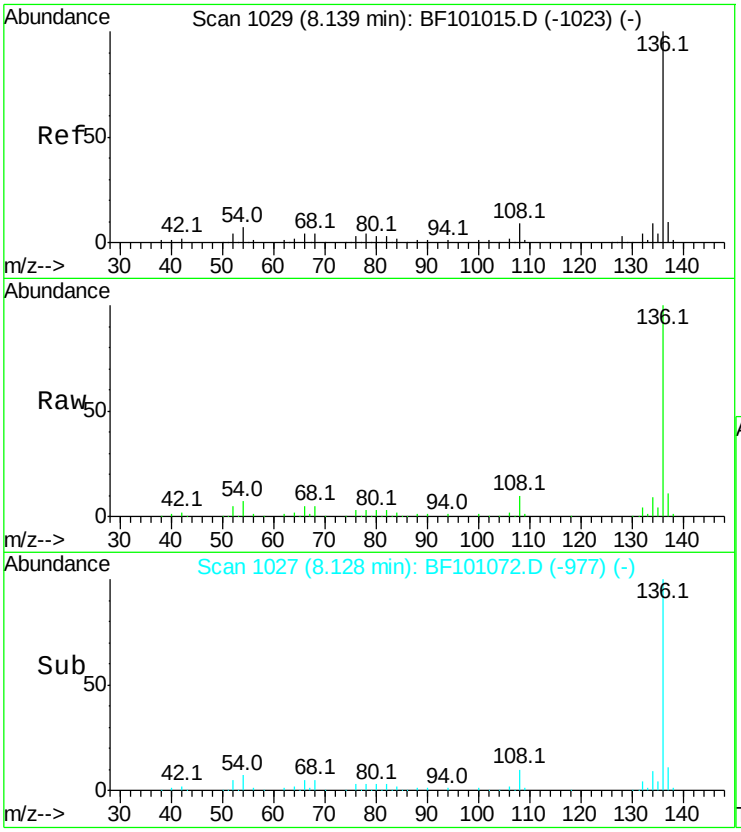


#10
Phenol
Concen: 3.787 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion: 94 Resp: 16711

Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.9	47.9
66	37.3	16.2	56.2

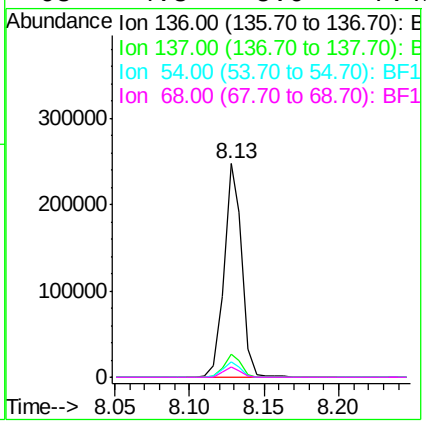




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:136 Resp: 207555

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
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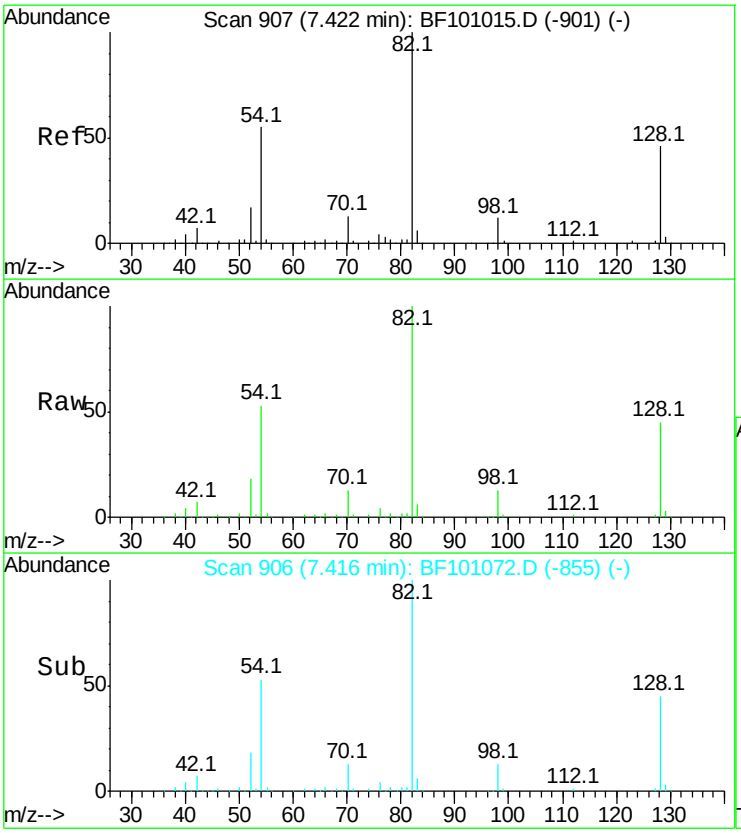
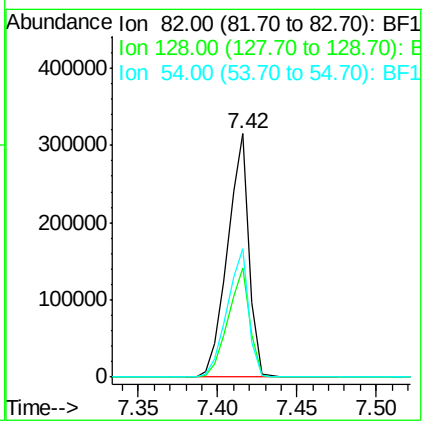
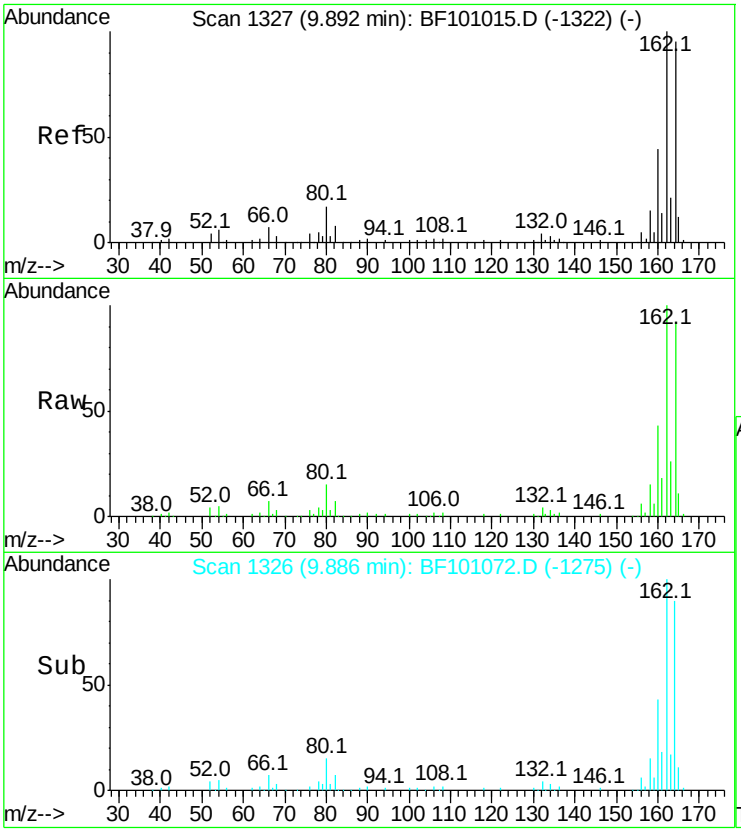


#23
Nitrobenzene-d5
Concen: 84.928 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion: 82 Resp: 295494

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.7	41.4	62.2

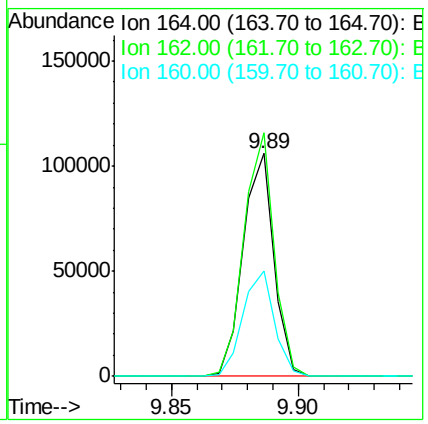




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:164 Resp: 89125

Ion	Ratio	Lower	Upper
164	100		
162	109.2	86.1	129.1
160	47.1	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

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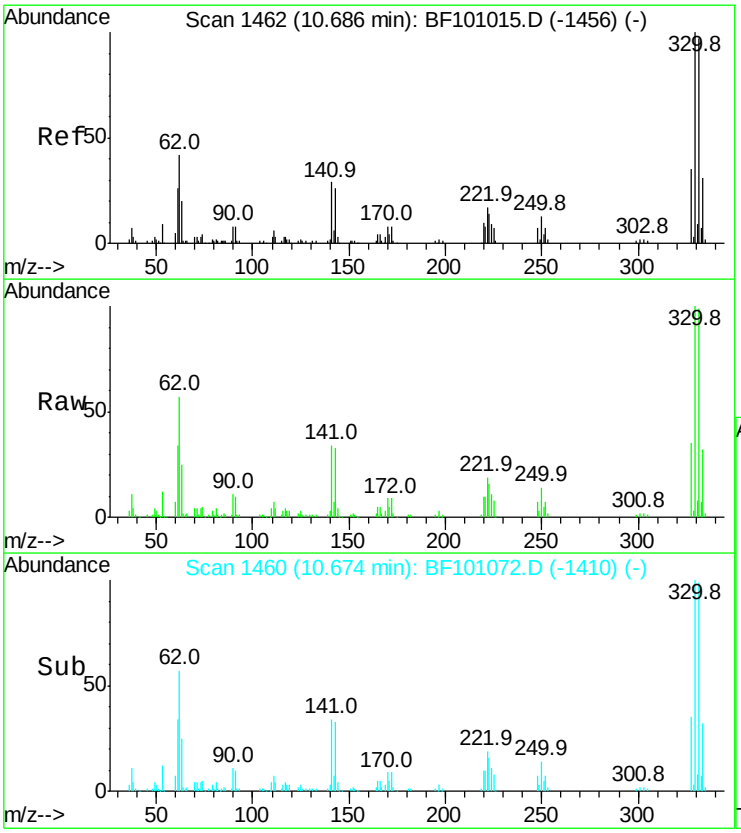
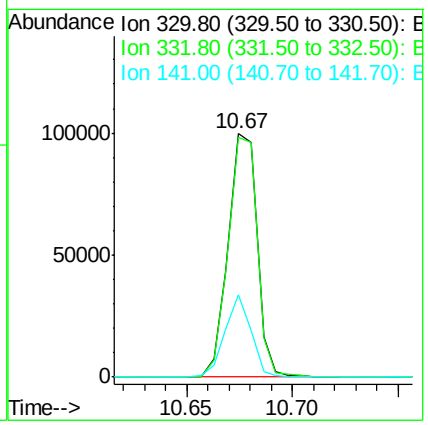
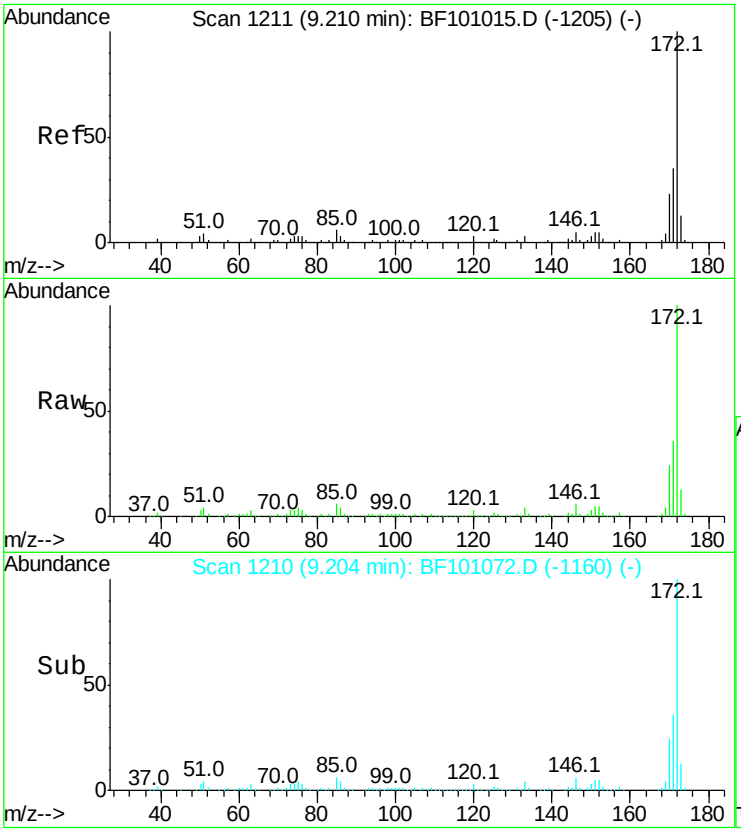


#41
2,4,6-Tribromophenol
Concen: 88.025 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:330 Resp: 94244

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	30.2	29.9	44.9

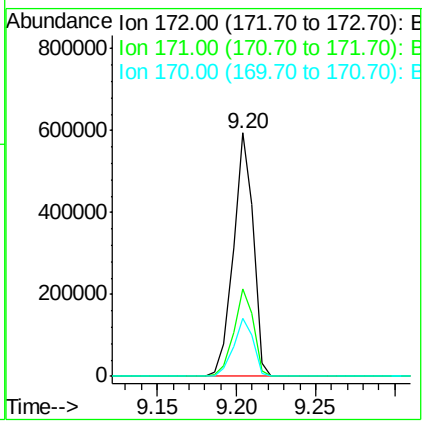




#44
2-Fluorobiphenyl
Concen: 78.892 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:172 Resp: 513903

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
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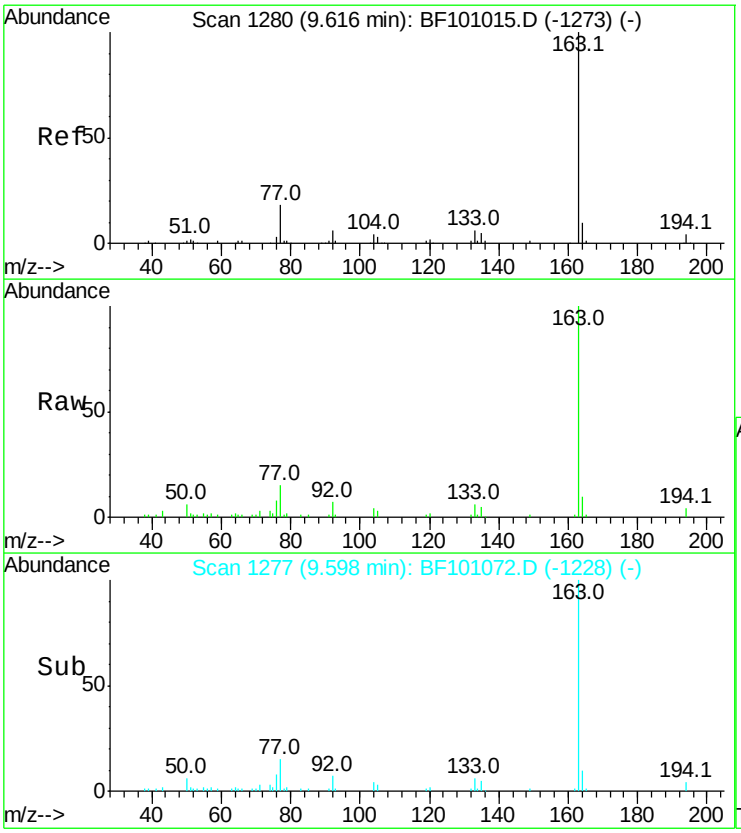
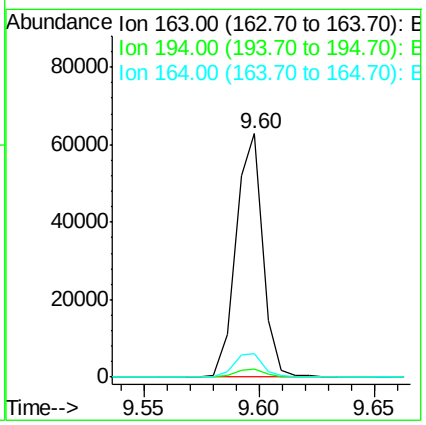
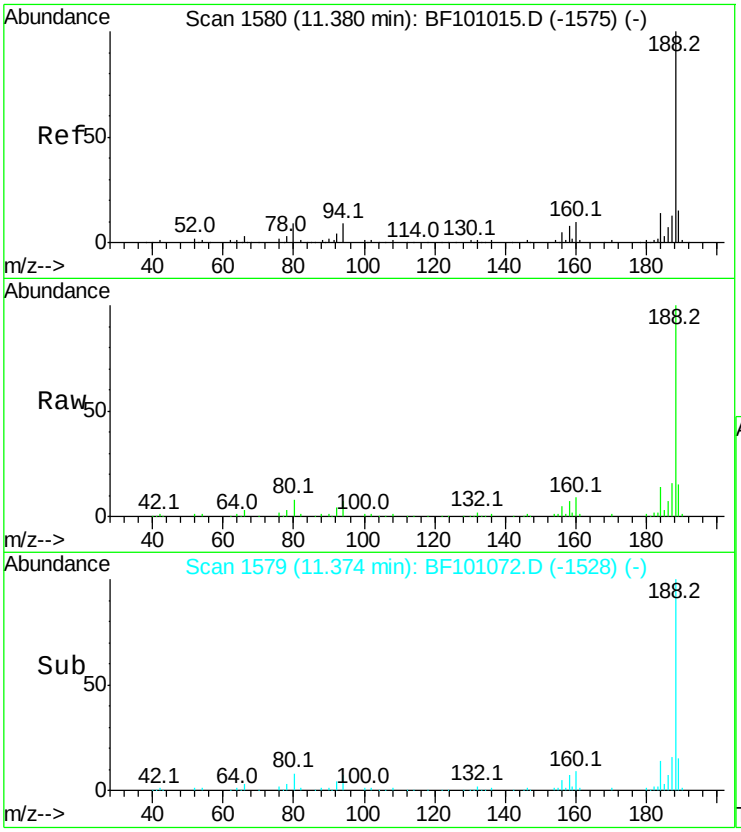


#49
Dimethylphthalate
Concen: 7.065 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:163 Resp: 50780

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:188 Resp: 141805

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.7	9.2	13.8#

Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
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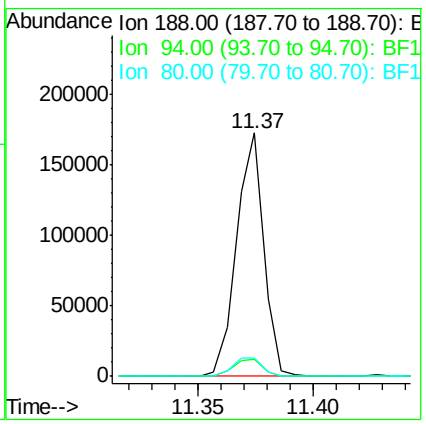
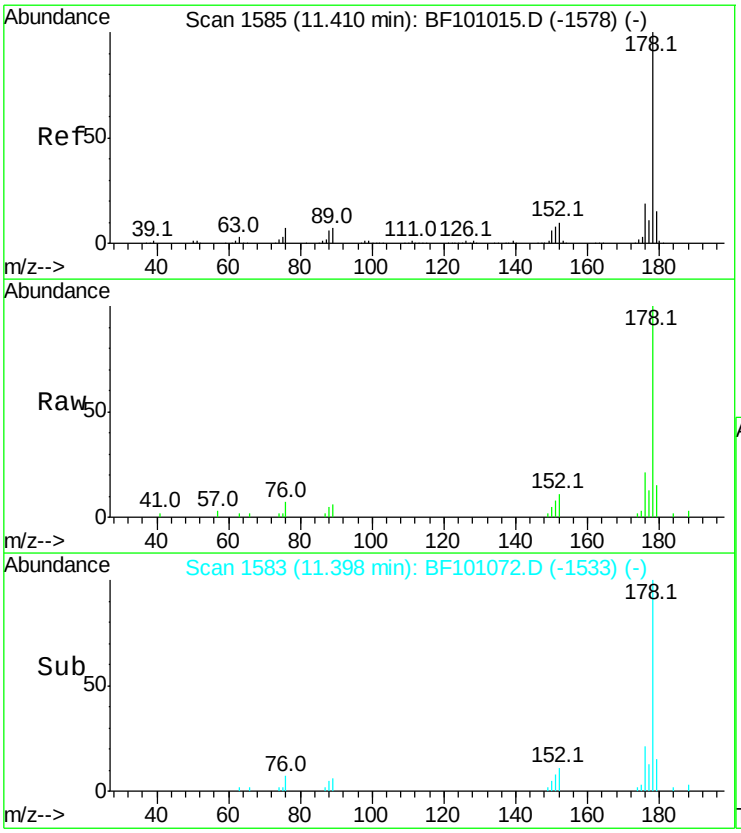
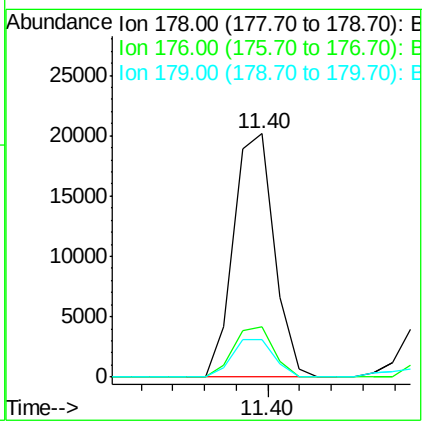


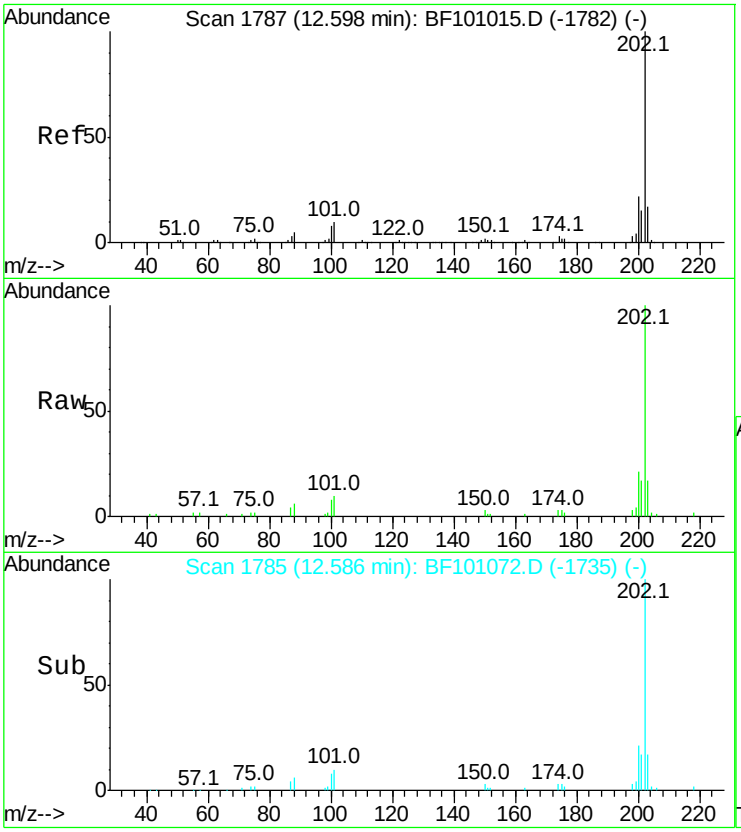


#70
Phenanthrene
Concen: 2.281 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:178 Resp: 17815

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.3	13.0	19.6

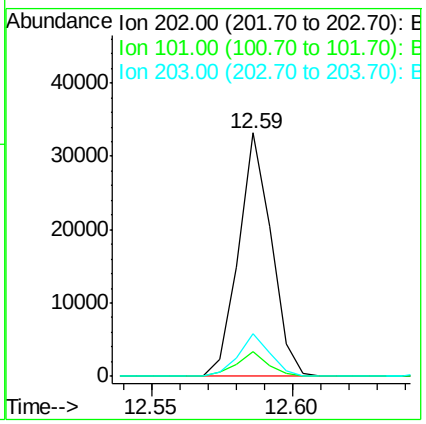




#74
Fluoranthene
Concen: 3.094 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:202 Resp: 26784

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.4	0.0	38.1



Instrument :
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Manual Integrations APPROVED
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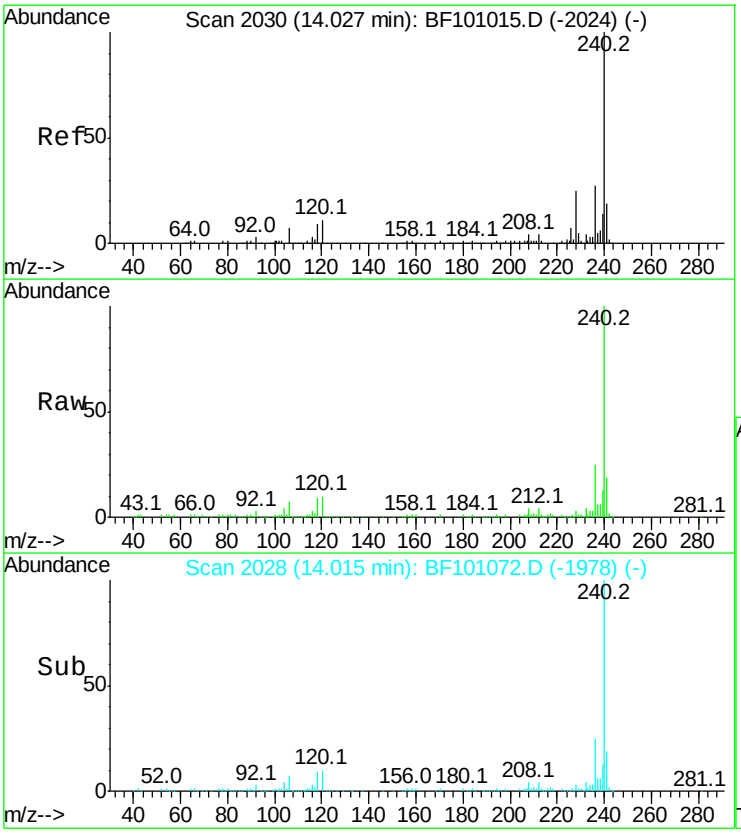
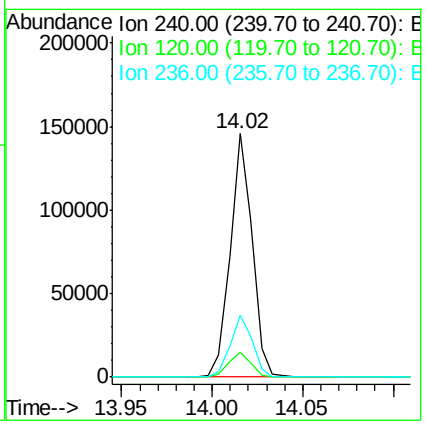
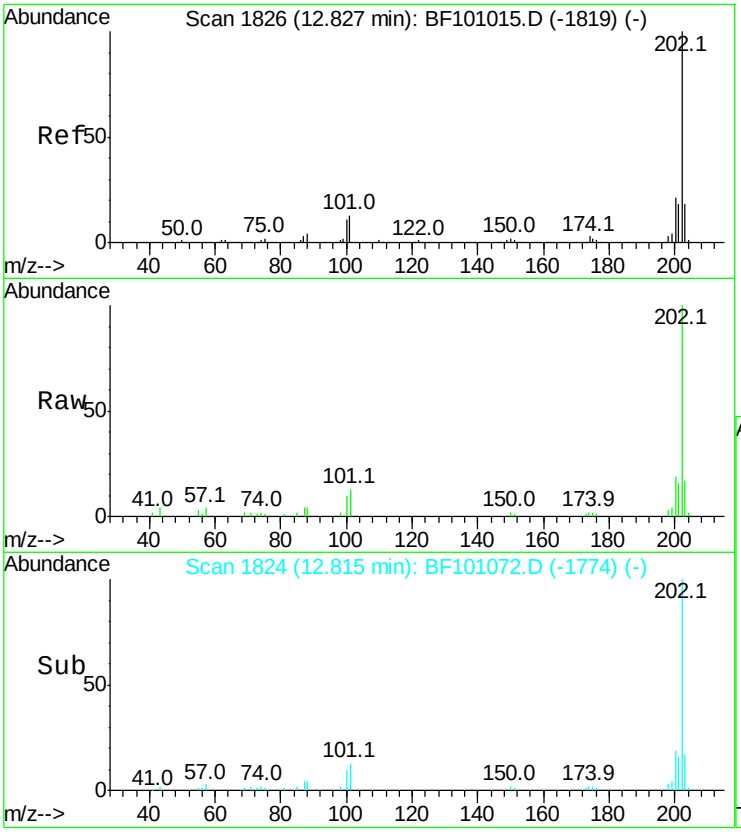


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:240 Resp: 122872

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.2	20.7	31.1

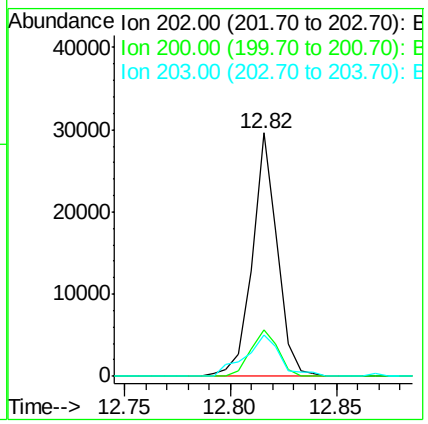




#77
Pyrene
Concen: 2.881 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

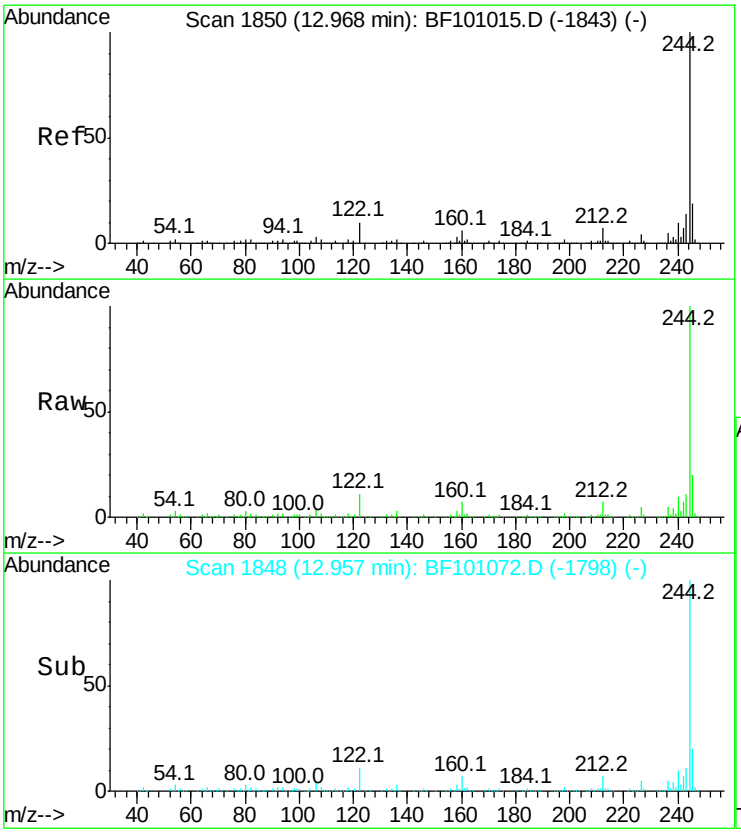
Tgt Ion:202 Resp: 24427

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.4	26.2
203	16.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

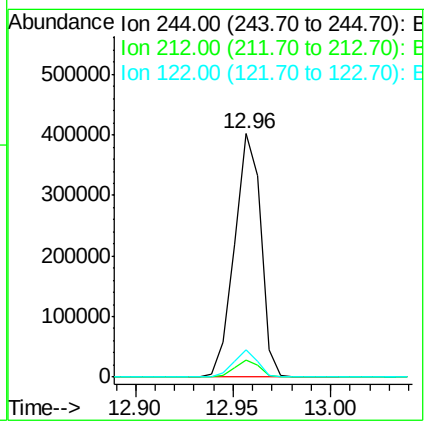
Manual Integrations APPROVED
Sohil
12/4/2017 11:56:48 AM

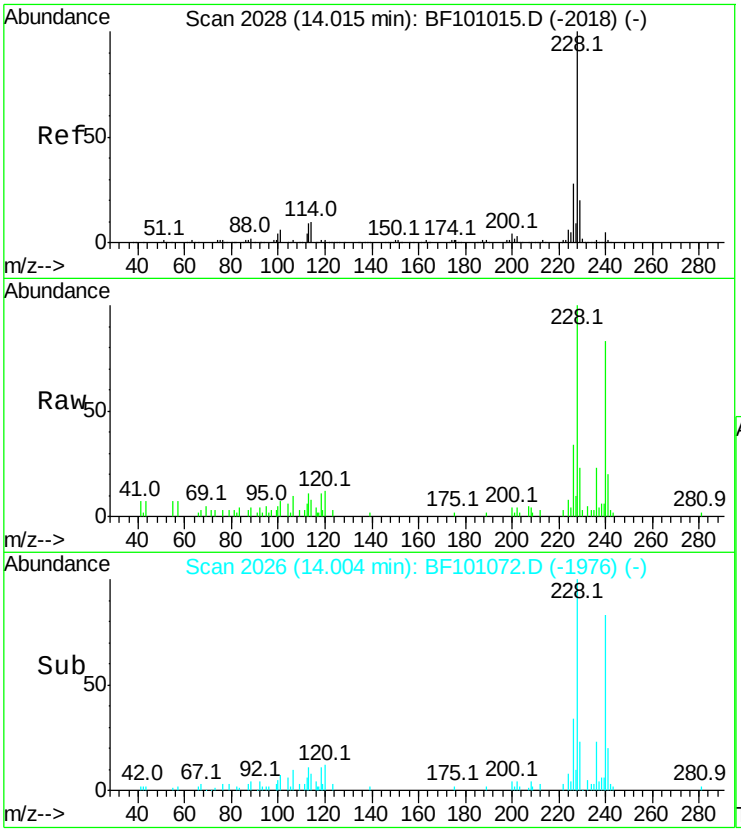


#78
Terphenyl-d14
Concen: 66.954 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:244 Resp: 376122

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4

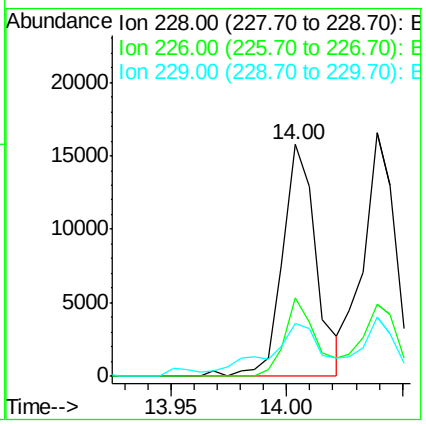




#80
Benzo(a)anthracene
Concen: 2.053 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:228 Resp: 15924

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	22.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

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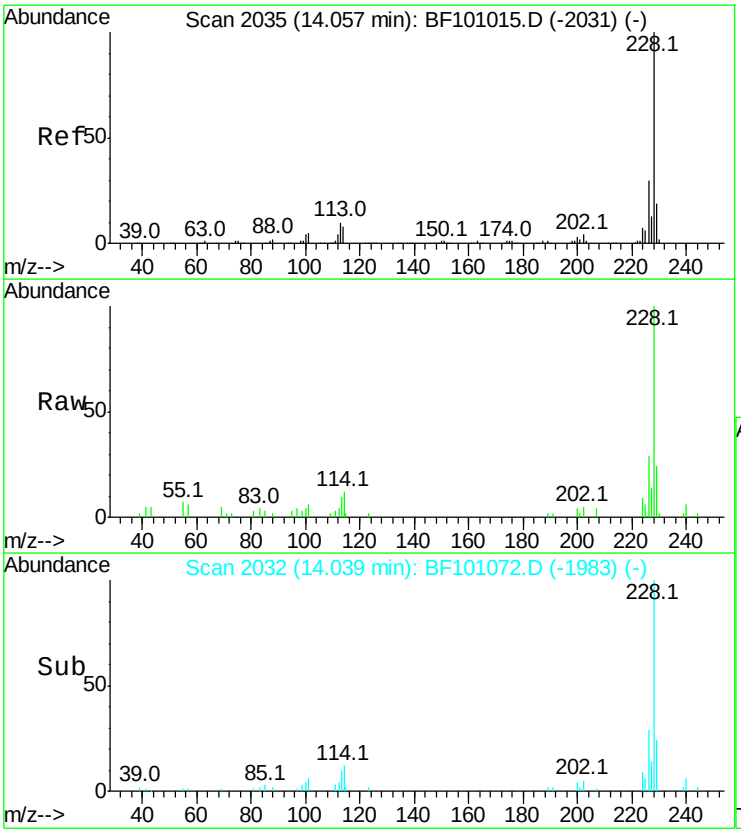
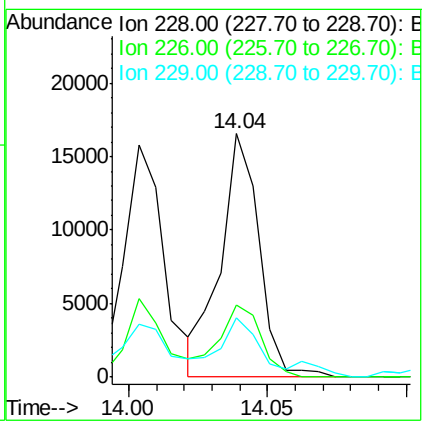
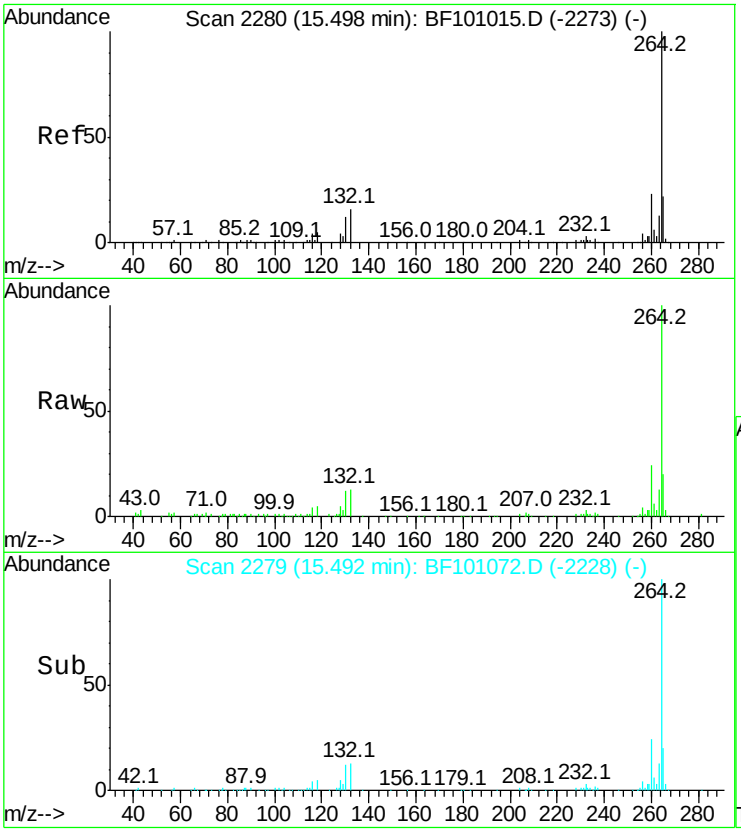


#82
Chrysene
Concen: 2.243 ng m
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:228 Resp: 16158

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	24.5	16.2	24.4#

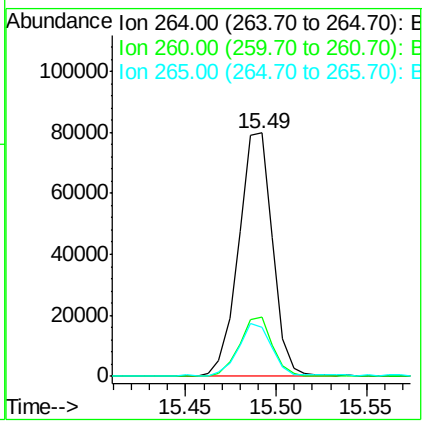




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:264 Resp: 103638

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.4	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
Sohil
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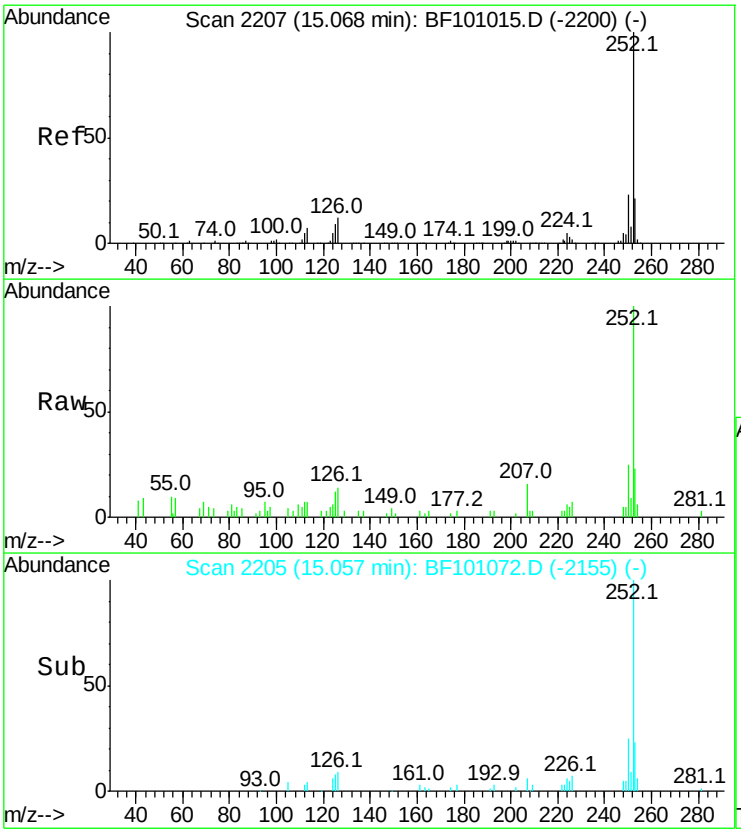
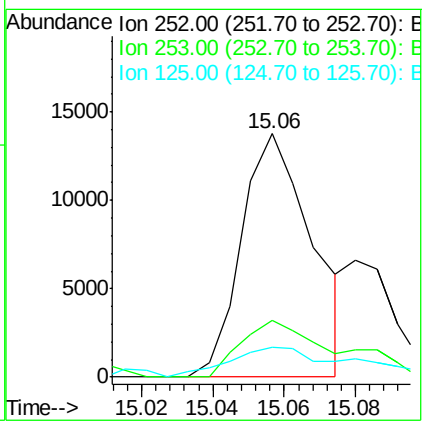
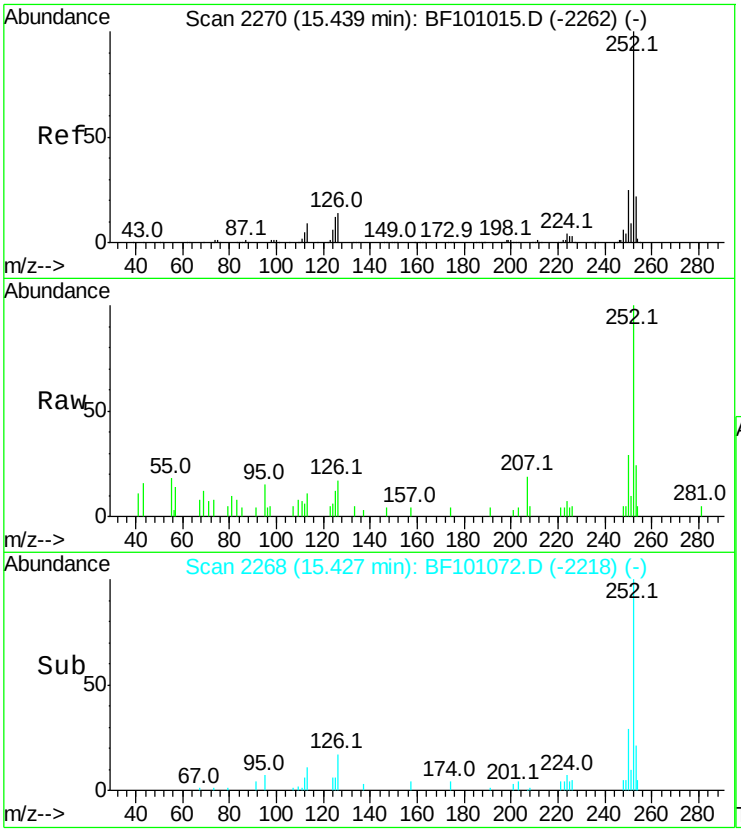


#87
Benzo(b)fluoranthene
Concen: 3.065 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:252 Resp: 19025

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.0	9.0	13.6

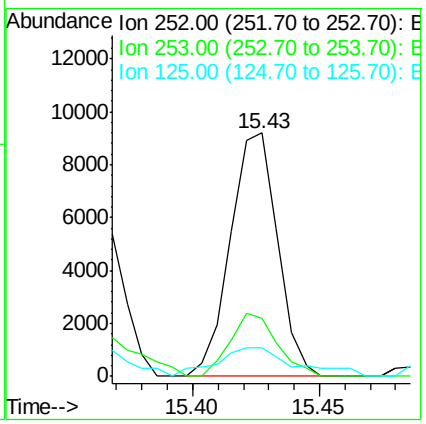




#89
Benzo(a)pyrene
Concen: 2.109 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101072.D
Acq: 1 Dec 2017 19:18

Tgt Ion:252 Resp: 11904

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	11.7	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
DBNW1A-2-4

Manual Integrations APPROVED
Sohil
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