Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 19 00:17:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148741	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	587974	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	226566	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	330779	20.00	ng		0.00
75) Chrysene-d12	13.87	240	280647	20.00	ng		0.00
86) Perylene-d12	15.29	264	237868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1067432	101.34	ng		0.02
7) Phenol-d6	6.36	99	1248760	99.36	ng		0.00
23) Nitrobenzene-d5	7.29	82	773907	77.35	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	200254	101.28	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1165474	80.36	ng		0.00
78) Terphenyl-d14	12.82	244	810025	59.93	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	22528	2.582	ng		85
10) Phenol	6.37	94	53101	3.739	ng	#	70
19) n-Nitroso-di-n-propylamine	7.29	70	103775	12.600	ng	#	79
25) Isophorone	7.29	82	767900	38.841	ng	#	64
49) Dimethylphthalate	9.47	163	184293	10.140	ng		99
56) 2,4-Dinitrotoluene	9.75	165	28797	6.328	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	334	5.826	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	12389	3.547	ng	#	1
87) Benzo(b)fluoranthene	14.88	252	50841	3.278	ng		98
88) Benzo(k)fluoranthene	14.88	252	50841	3.398	ng		99

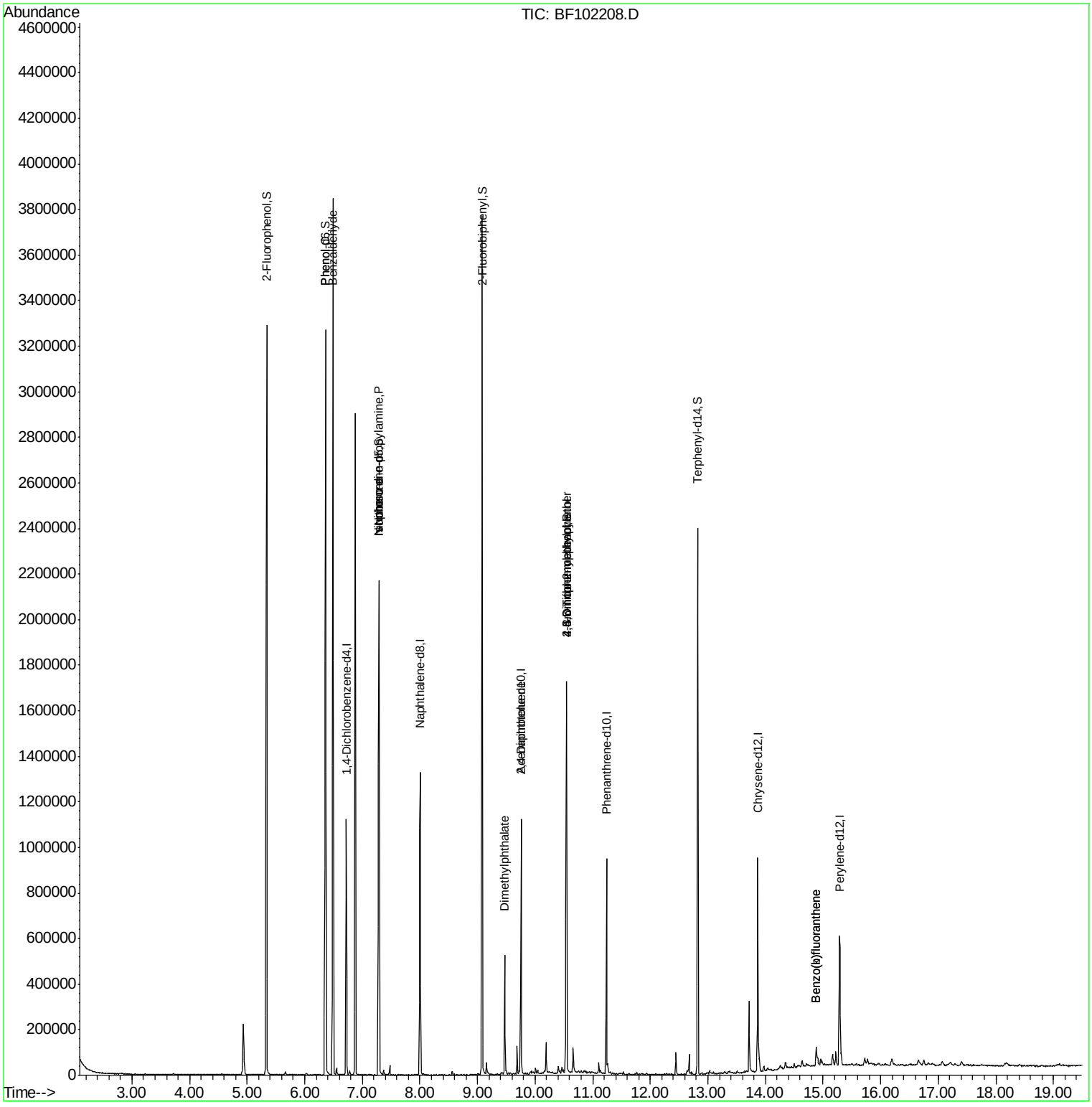
(#) = qualifier out of range (m) = manual integration (+) = signals summed

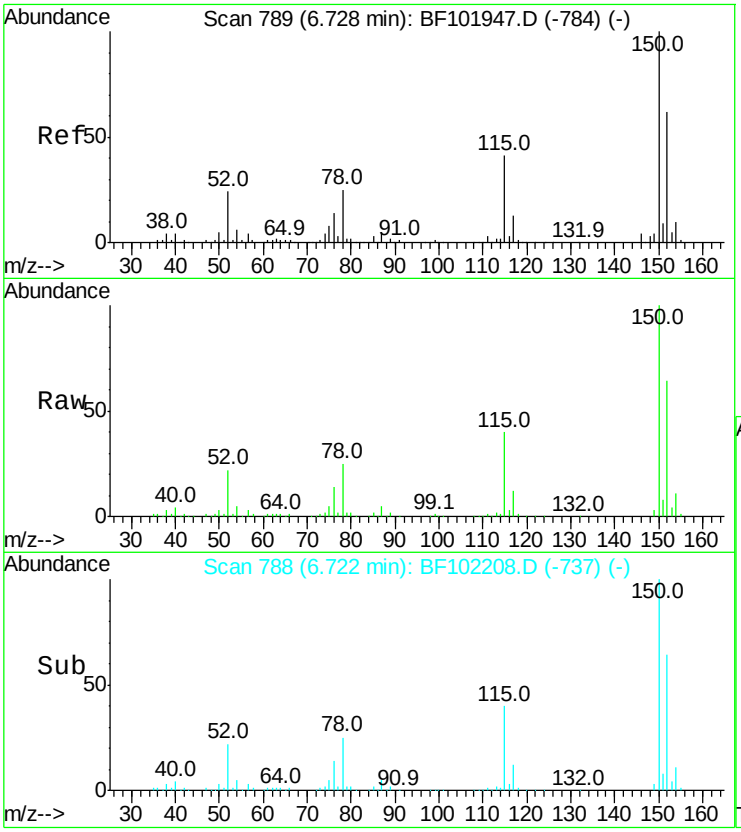
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 19 00:17:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



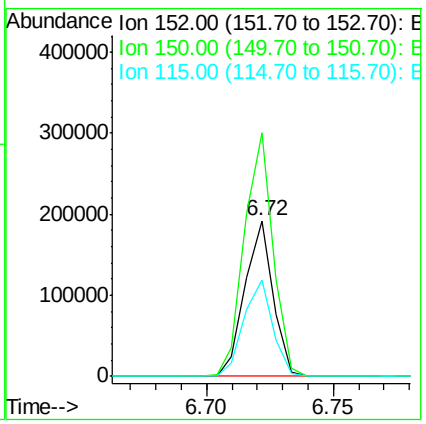


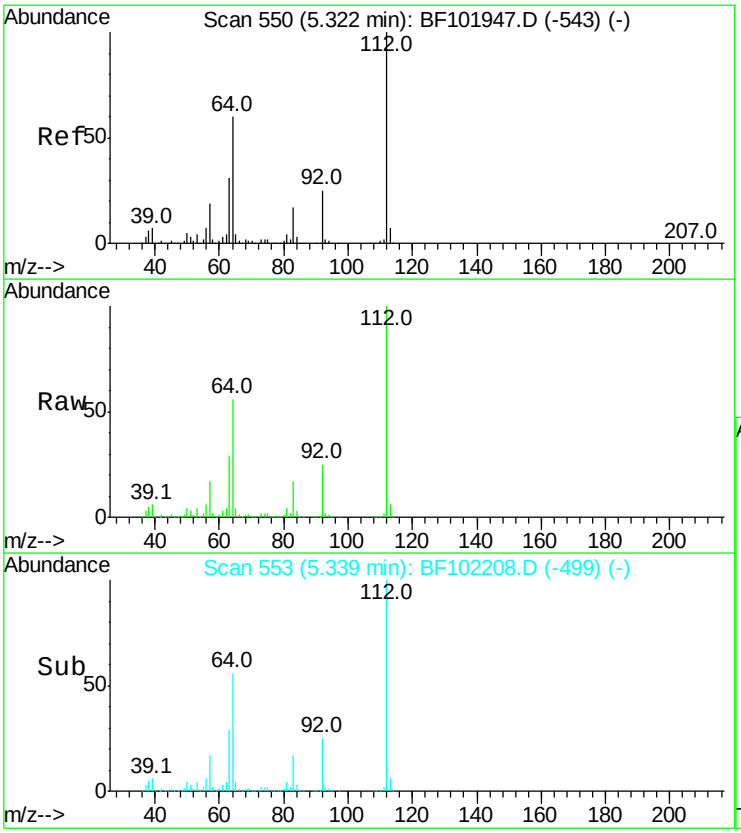
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 148741

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.9	50.1	75.1

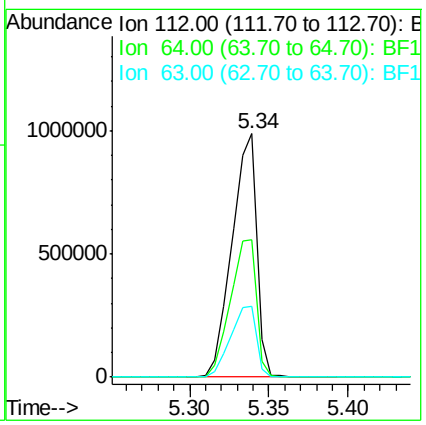


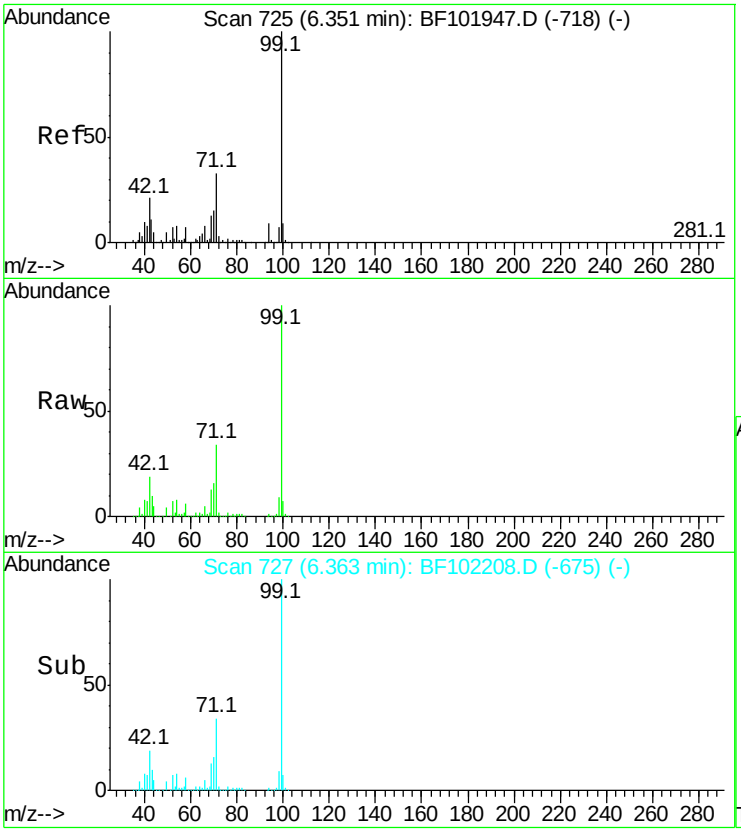


#5
2-Fluorophenol
Concen: 101.337 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:112 Resp: 1067432

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.3	23.7	35.5



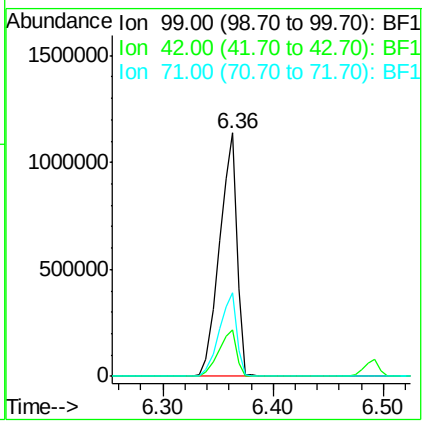


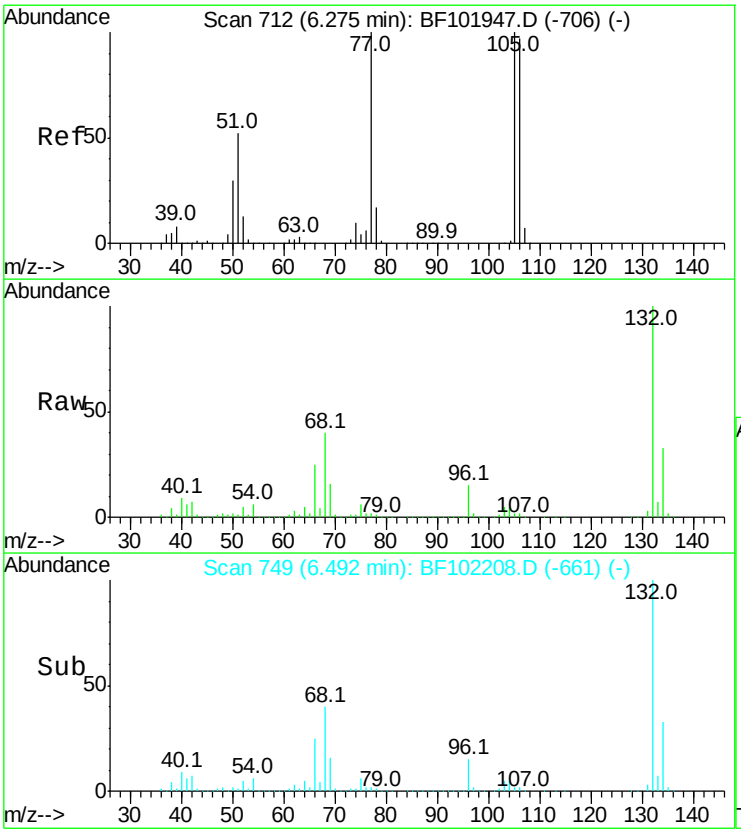
#7
Phenol-d6
Concen: 99.364 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1248760

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.4	25.4	38.0

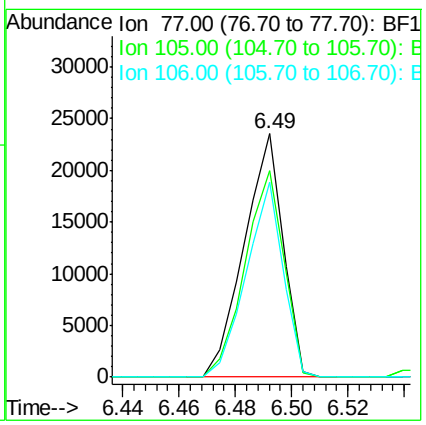


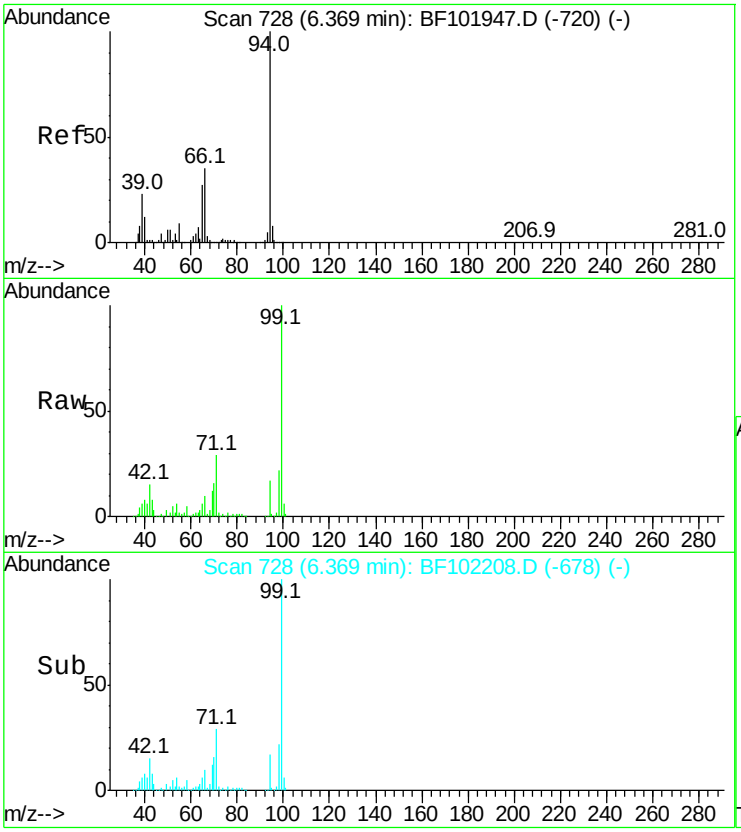


#9
Benzaldehyde
Concen: 2.582 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion: 77 Resp: 22528

Ion	Ratio	Lower	Upper
77	100		
105	84.8	81.1	121.1
106	80.3	74.5	114.5



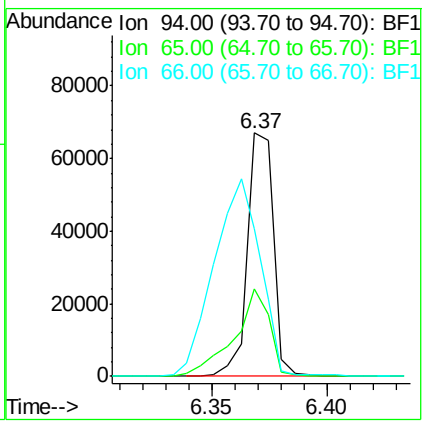


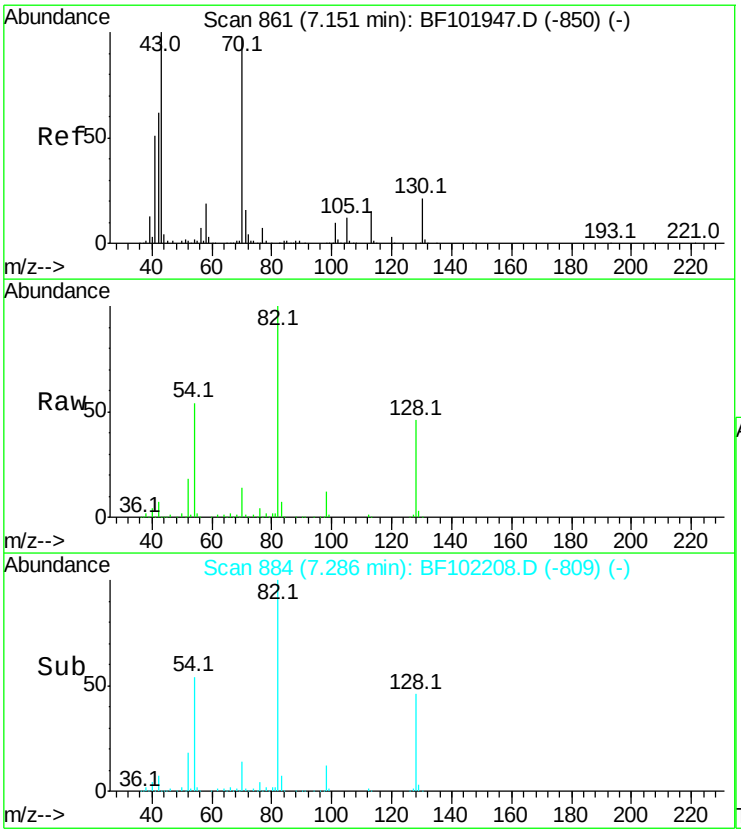
#10
Phenol
Concen: 3.739 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 53101

Ion	Ratio	Lower	Upper
94	100		
65	36.0	7.9	47.9
66	60.8	16.2	56.2#

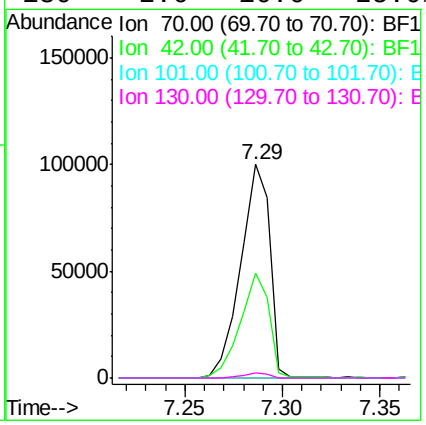


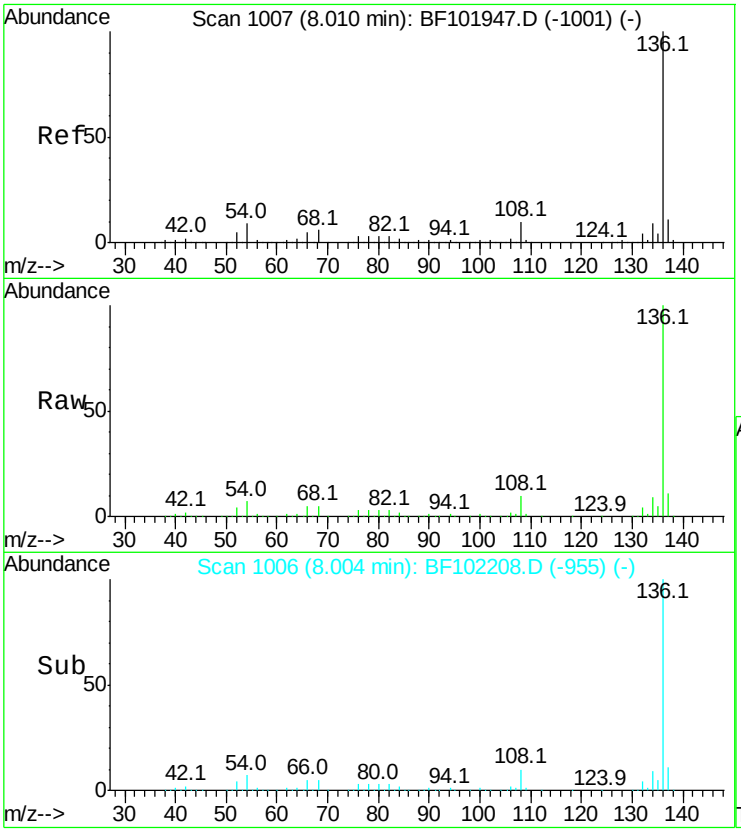


#19
n-Nitroso-di-n-propylamine
Concen: 12.600 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion: 70 Resp: 103775

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



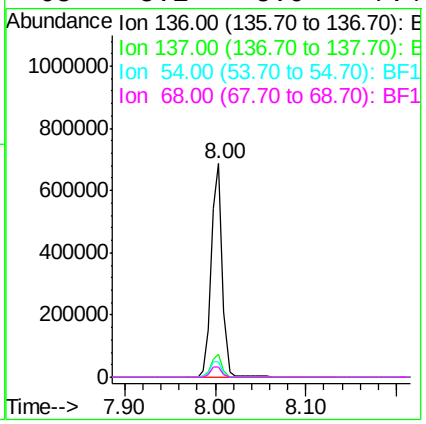


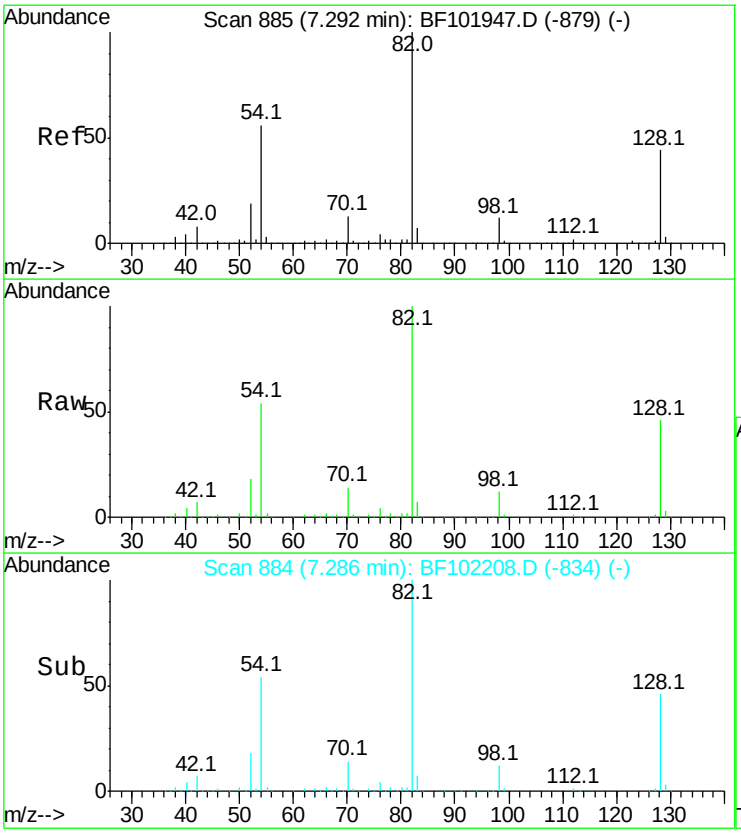
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 587974

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	5.1	5.0	7.4

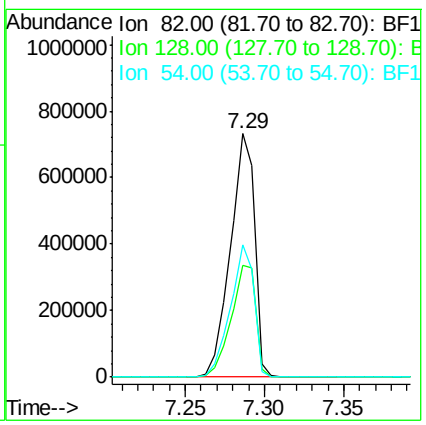


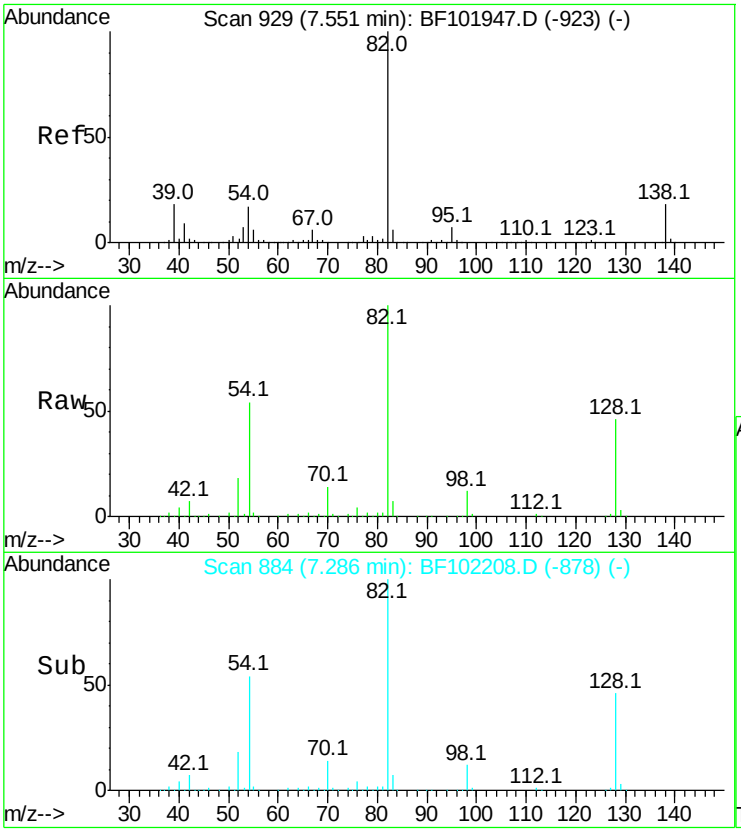


#23
Nitrobenzene-d5
Concen: 77.347 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion: 82 Resp: 773907

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.5	41.4	62.2



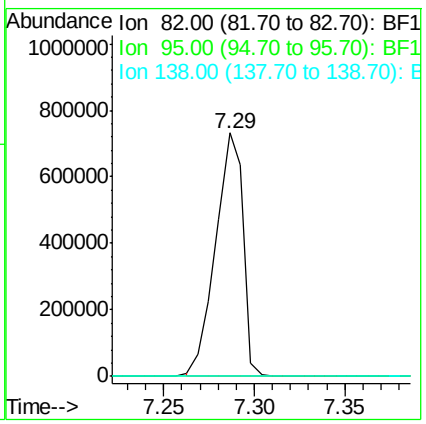


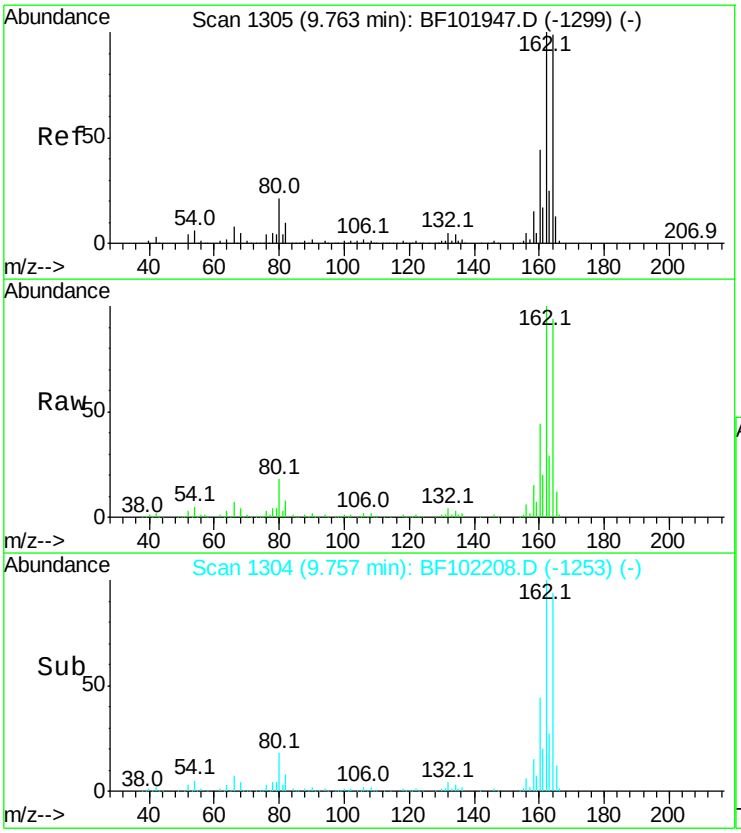
#25
Isophorone
Concen: 38.841 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 767900

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

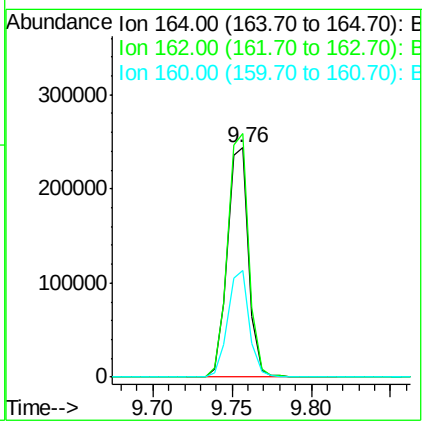


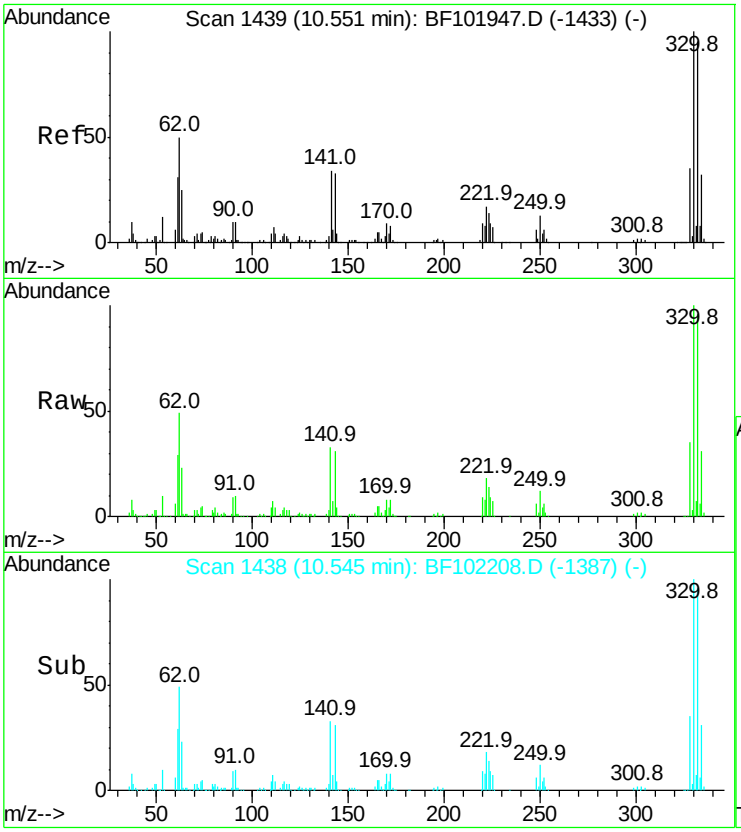


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:164 Resp: 226566

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.6	38.3	57.5



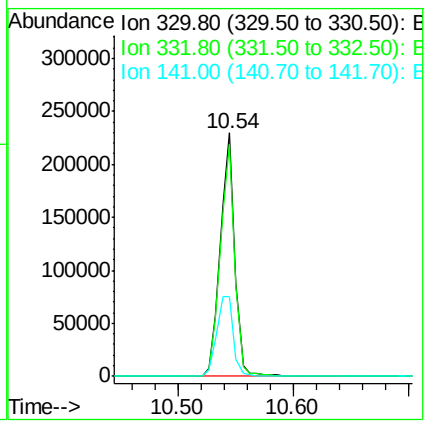


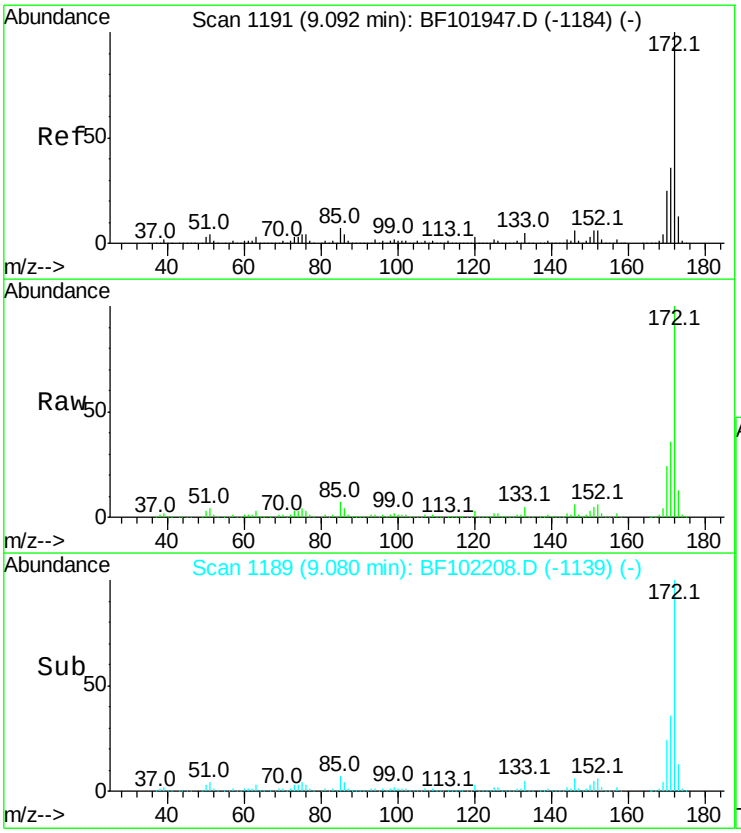
#41
2,4,6-Tribromophenol
Concen: 101.281 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 200254

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.7	29.9	44.9

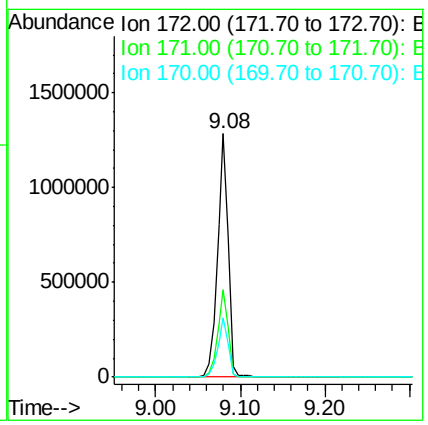


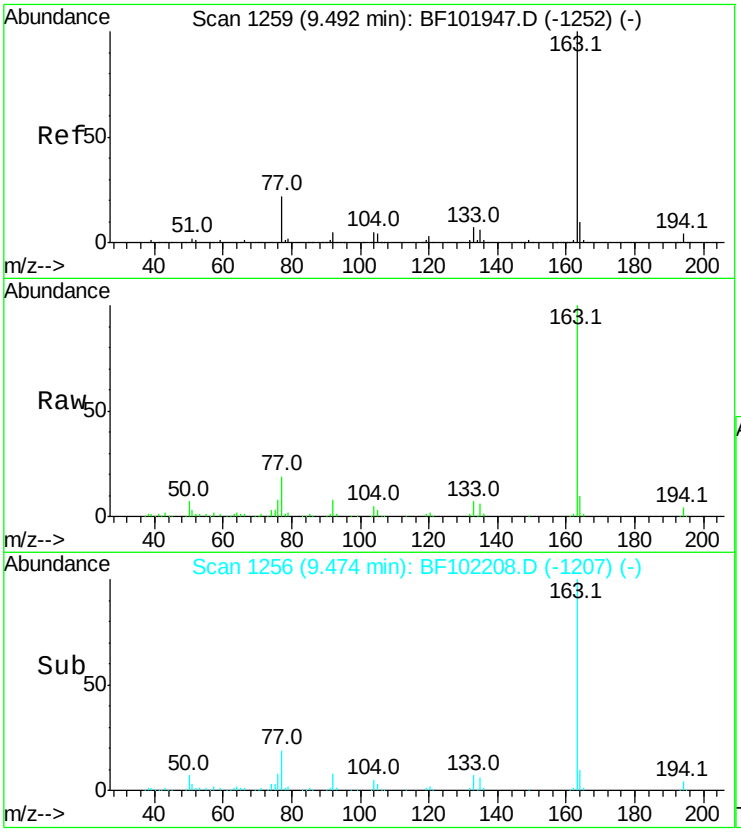


#44
2-Fluorobiphenyl
Concen: 80.365 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:172 Resp: 1165474

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



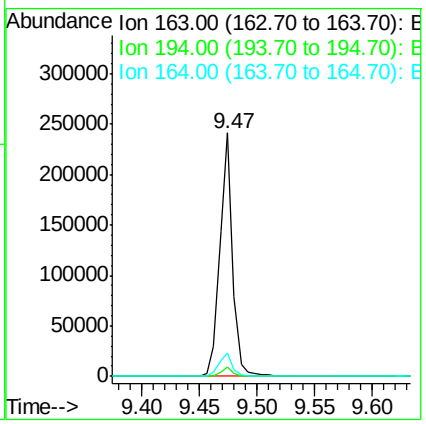


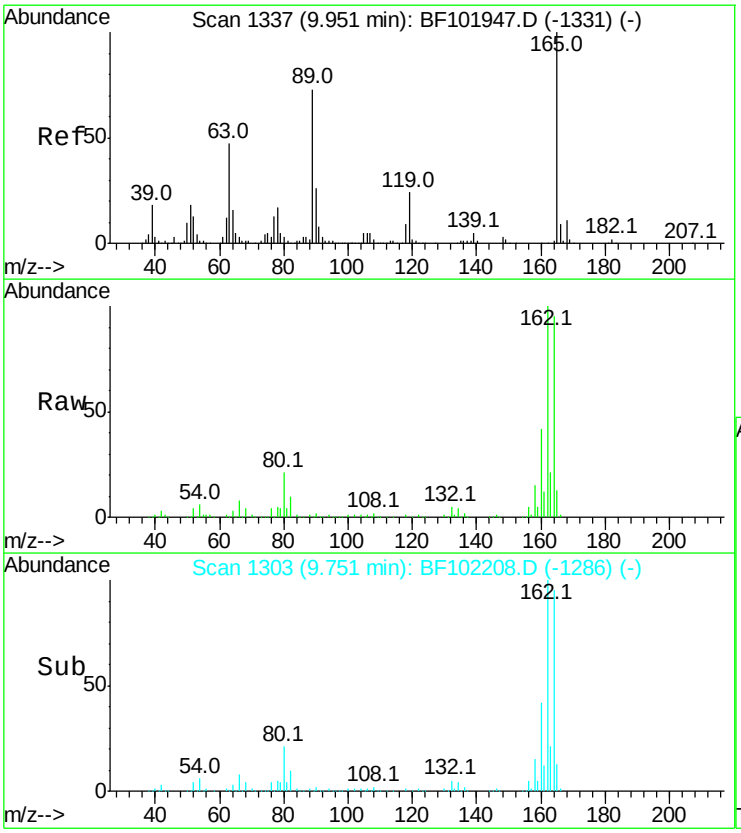
#49
Dimethylphthalate
Concen: 10.140 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 184293

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

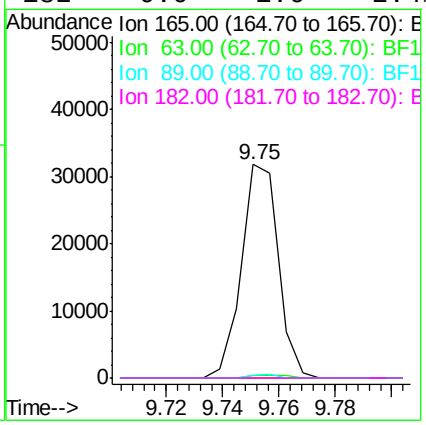


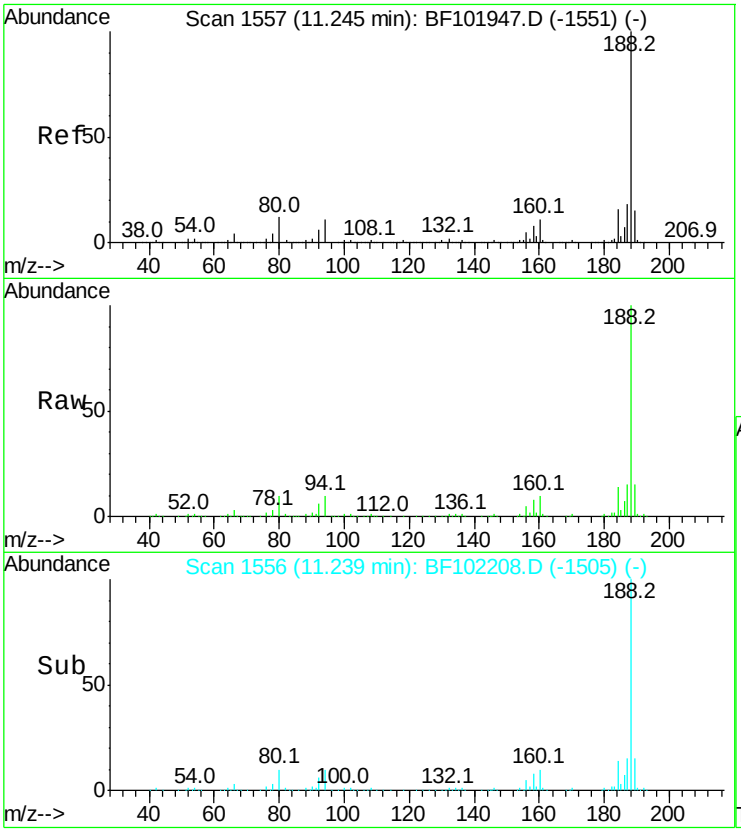


#56
2,4-Dinitrotoluene
Concen: 6.328 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:165 Resp: 28797

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



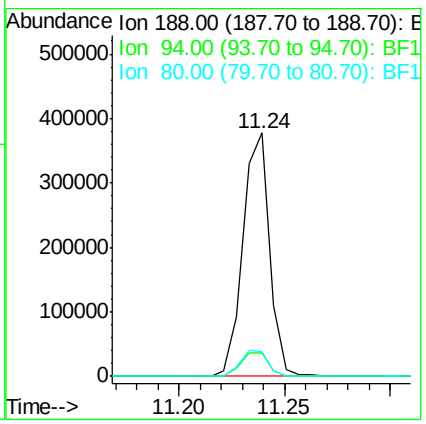


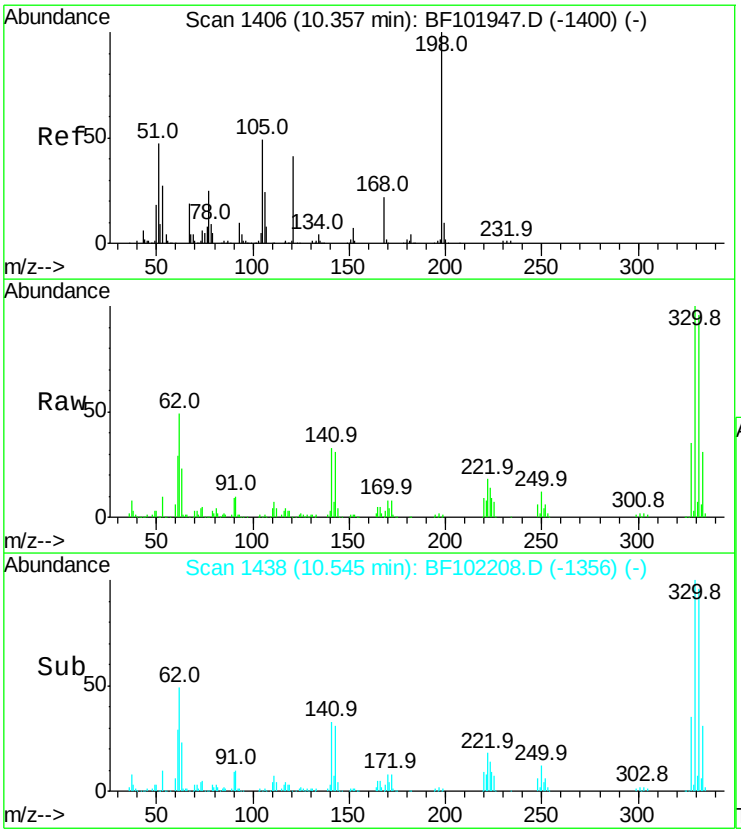
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 330779

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

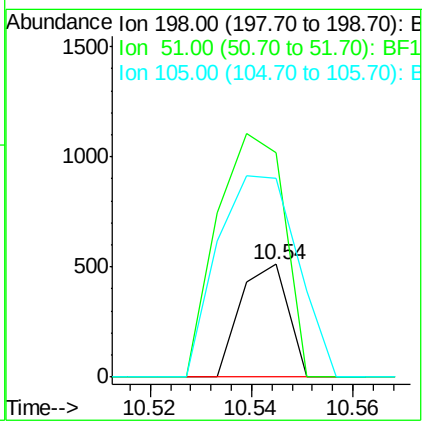


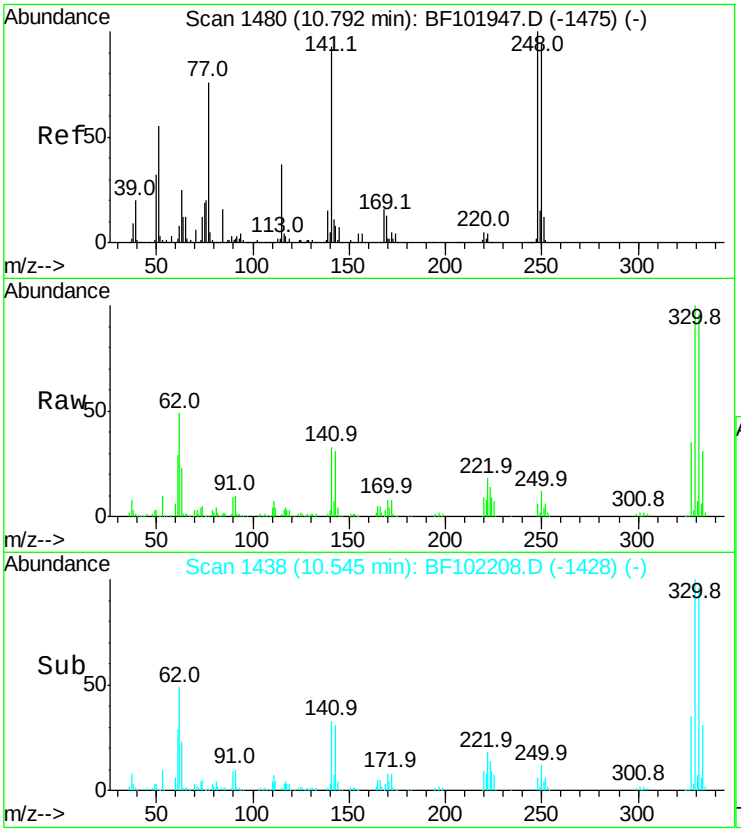


#64
4,6-Dinitro-2-methylphenol
Concen: 5.826 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	198.8	37.7	77.7#
105	176.6	36.3	76.3#



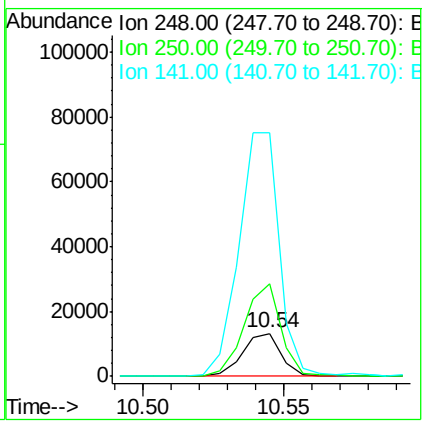


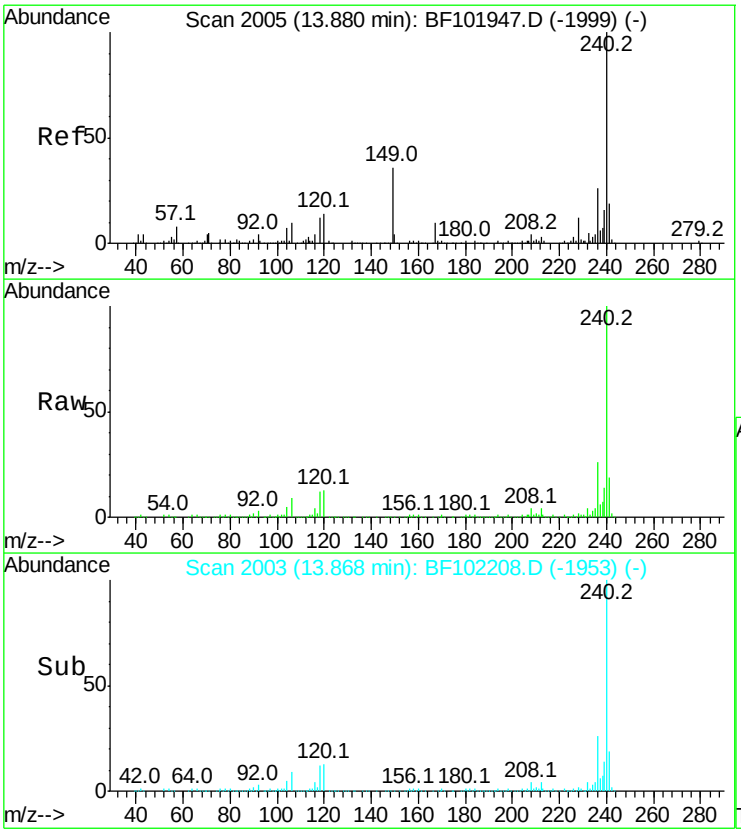
#66
4-Bromophenyl-phenylether
Concen: 3.547 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12389

Ion	Ratio	Lower	Upper
248	100		
250	216.5	76.9	115.3#
141	567.7	74.4	111.6#

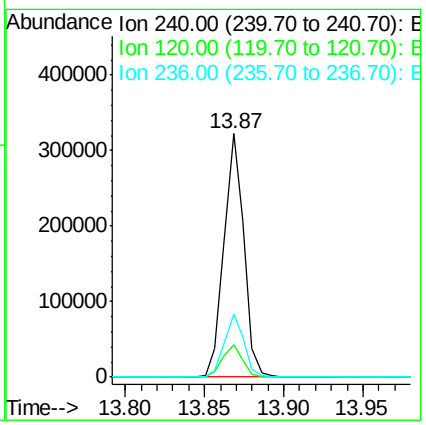


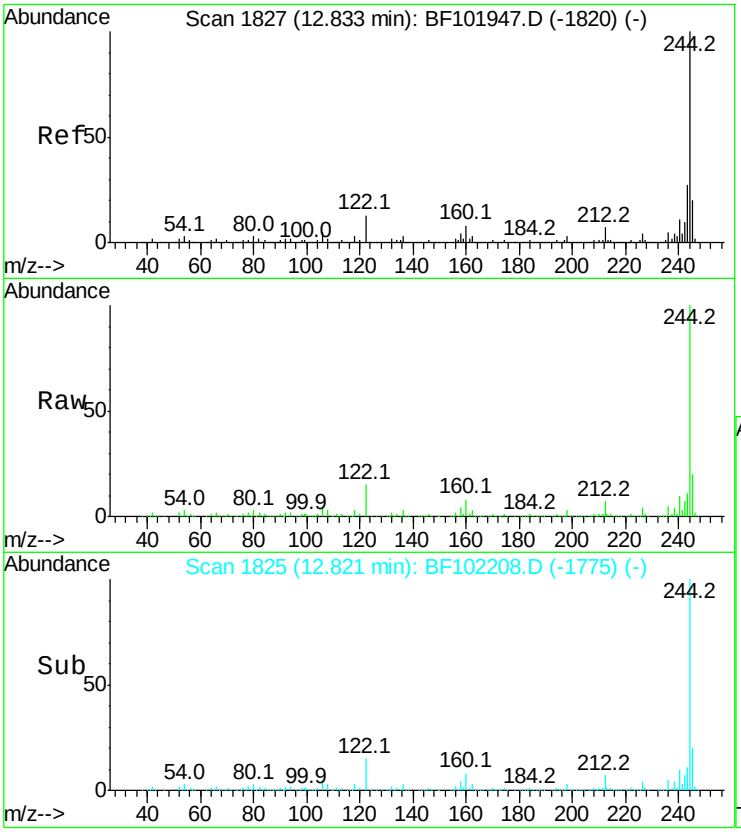


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:240 Resp: 280647

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.8	20.7	31.1



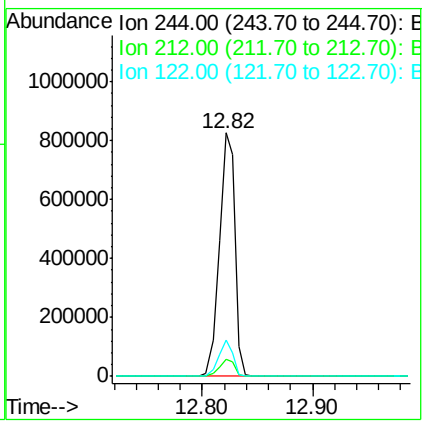


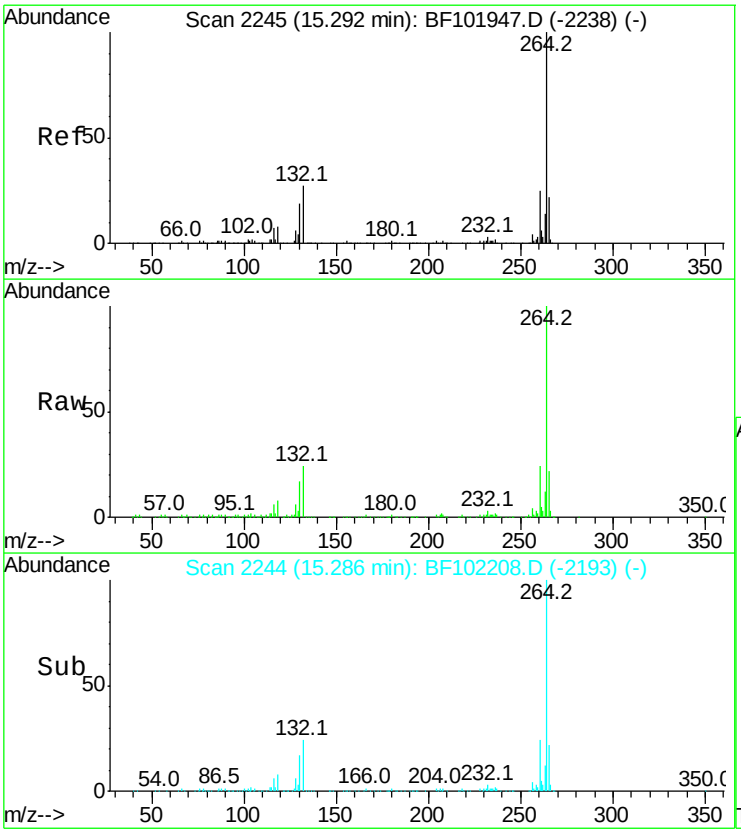
#78
Terphenyl-d14
Concen: 59.927 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 810025

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4

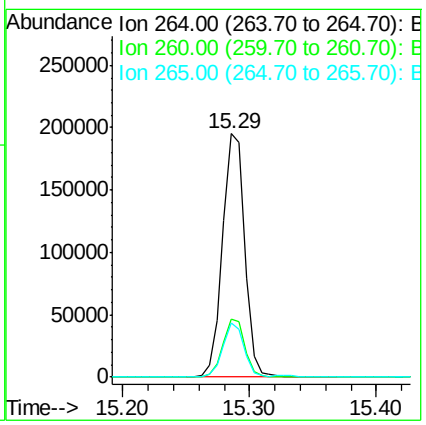


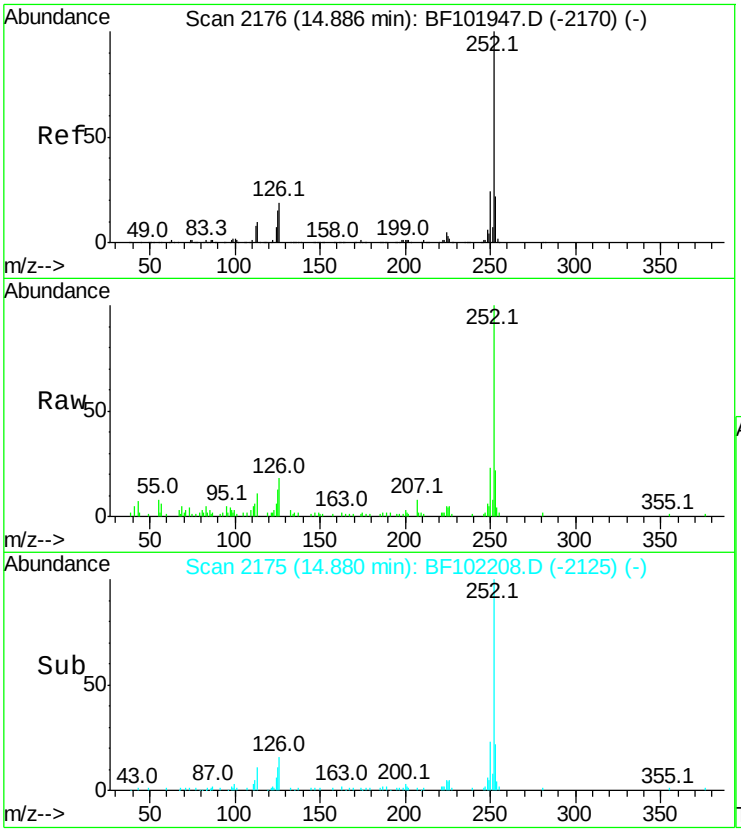


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:264 Resp: 237868

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3



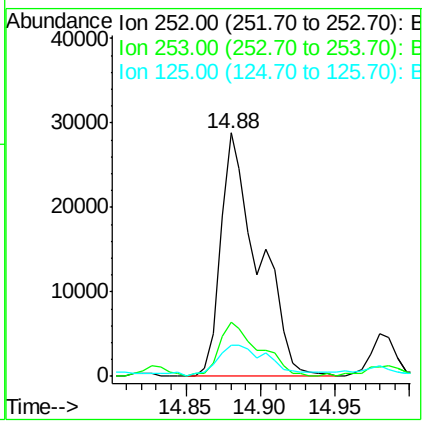


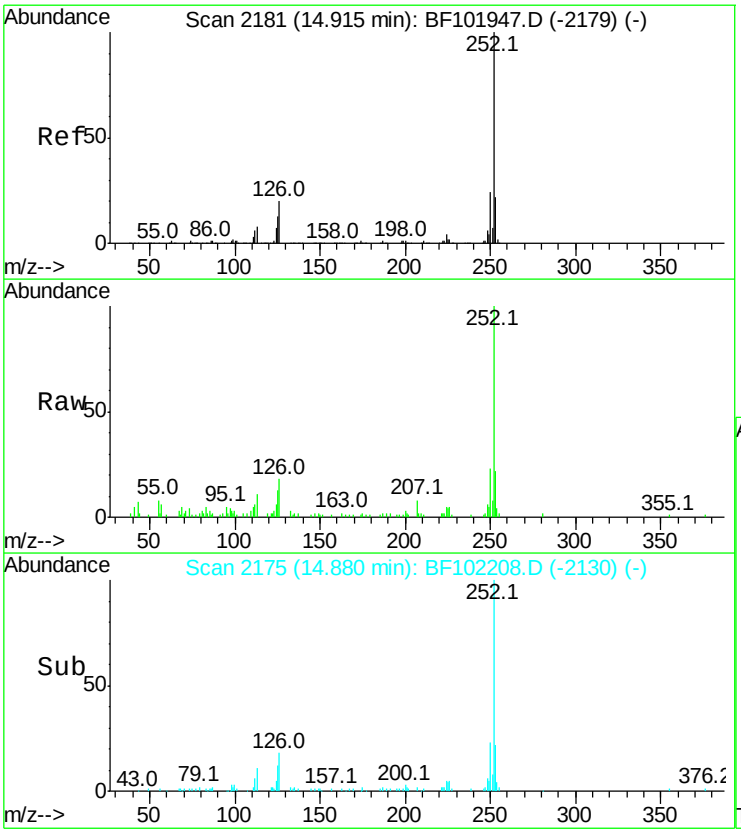
#87
Benzo(b)fluoranthene
Concen: 3.278 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50841

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.8	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 3.398 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:252 Resp: 50841

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.8	10.2	15.2