Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108176.D
Acq On : 15 Aug 2018 20:11
Operator : JU/SJ
Sample : J4477-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-004-B

Quant Time: Aug 16 01:51:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	195207	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	730091	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	361889	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	608036	20.00	ng		0.00
75) Chrysene-d12	14.21	240	423348	20.00	ng		0.00
86) Perylene-d12	15.78	264	437206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1121573	104.02	ng		0.02
7) Phenol-d6	6.64	99	1525149	106.44	ng		0.00
23) Nitrobenzene-d5	7.58	82	1010271	77.22	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	314582	87.15	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1792812	79.54	ng		0.00
78) Terphenyl-d14	13.14	244	1398107	83.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.65	94	29657	2.001	ng		91
19) n-Nitroso-di-n-propylamine	7.58	70	140827	14.535	ng	#	83
25) Isophorone	7.58	82	1006312	40.352	ng	#	64
32) Benzoic acid	8.30	122	118	5.991	ng	#	1
49) Dimethylphthalate	9.76	163	131227	5.206	ng		100
56) 2,4-Dinitrotoluene	10.06	165	46168	6.801	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.85	198	731	5.643	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	21514	3.256	ng	#	1
74) Fluoranthene	12.78	202	67005	2.141	ng		94
77) Pyrene	13.01	202	62144	2.319	ng		99
87) Benzo(b)fluoranthene	15.30	252	54825	2.099	ng		99
88) Benzo(k)fluoranthene	15.30	252	54825	2.283	ng		99

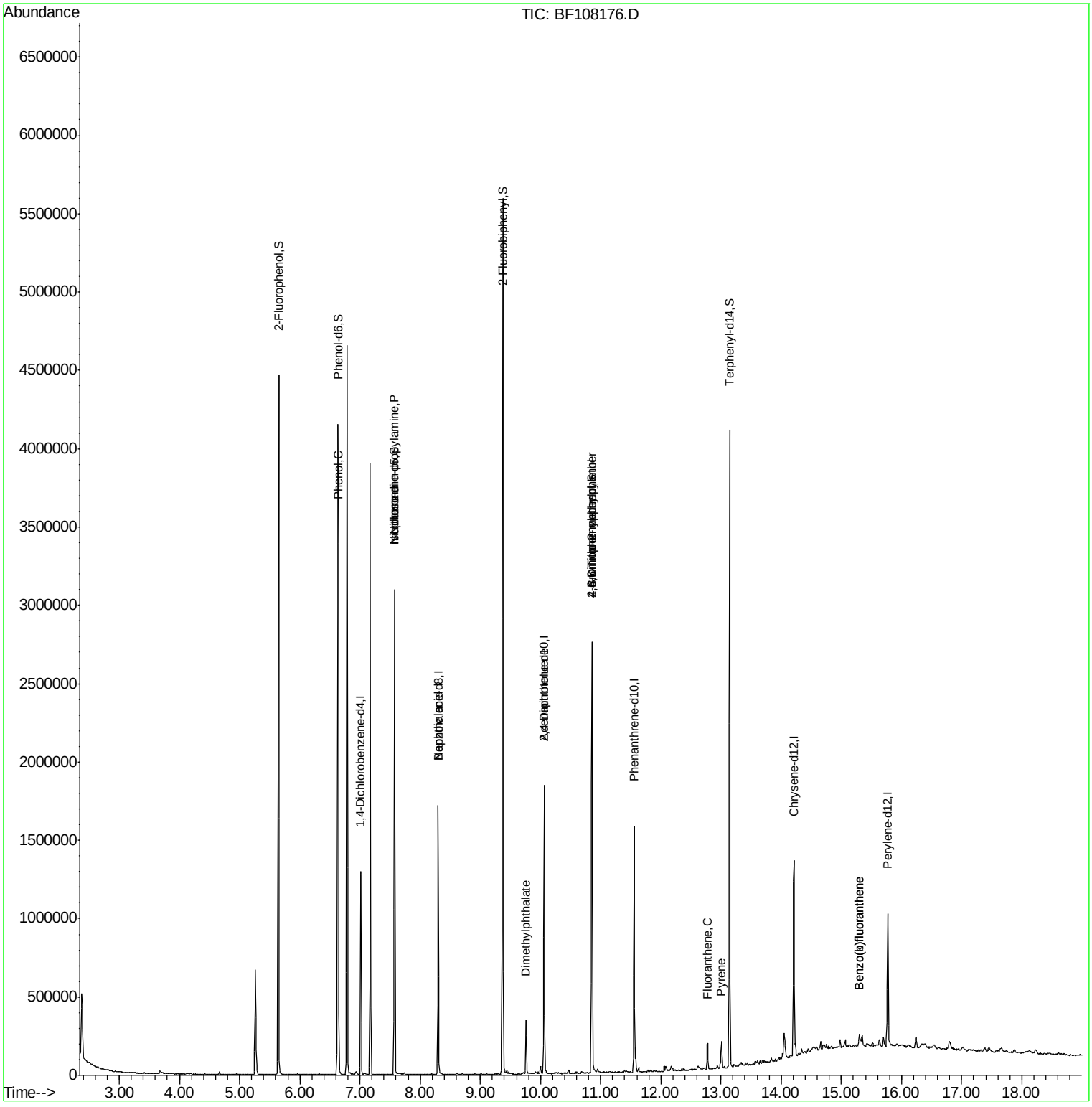
(#) = qualifier out of range (m) = manual integration (+) = signals summed

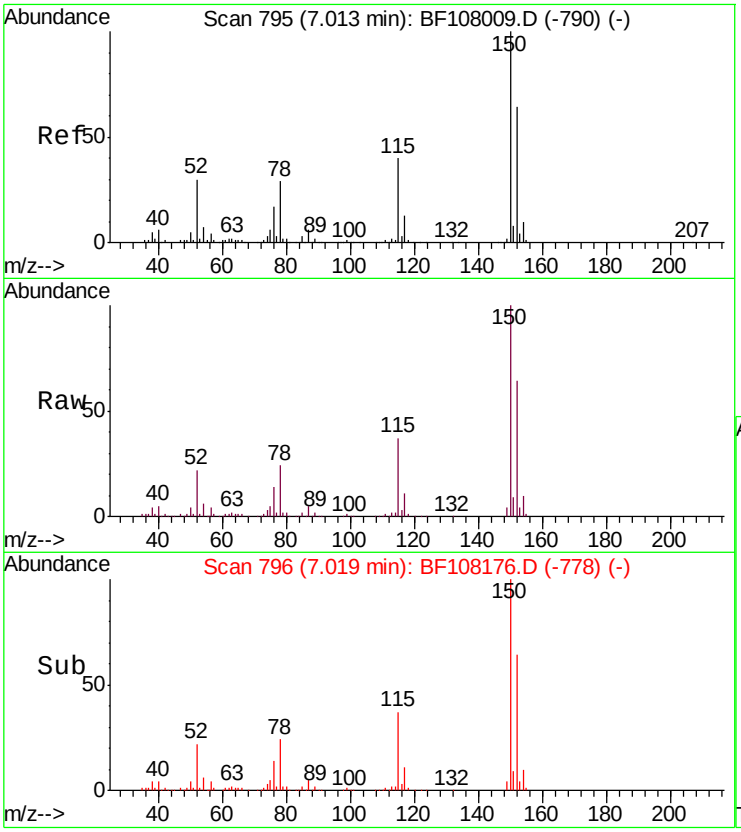
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108176.D
Acq On : 15 Aug 2018 20:11
Operator : JU/SJ
Sample : J4477-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Quant Time: Aug 16 01:51:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



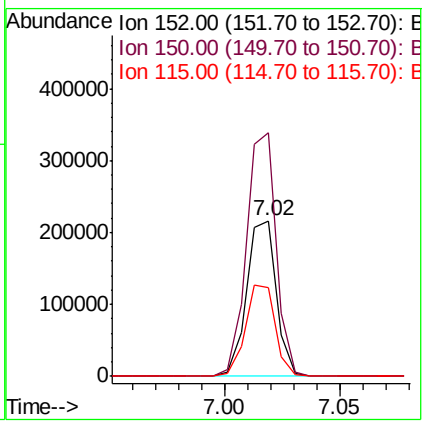


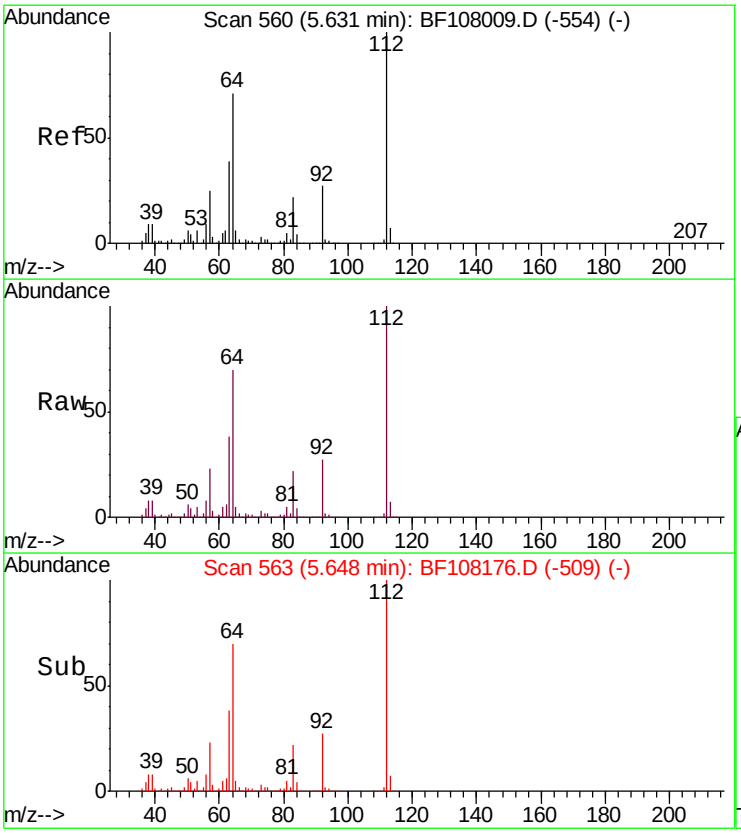
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:152 Resp: 195207

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.1	50.1	75.1

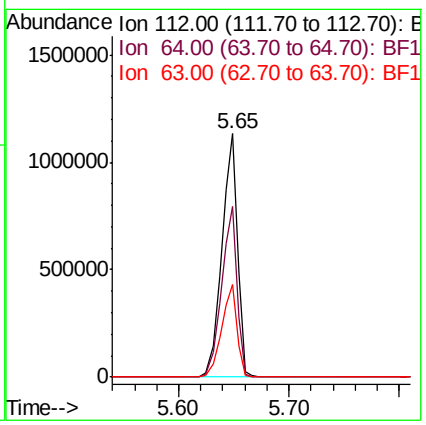


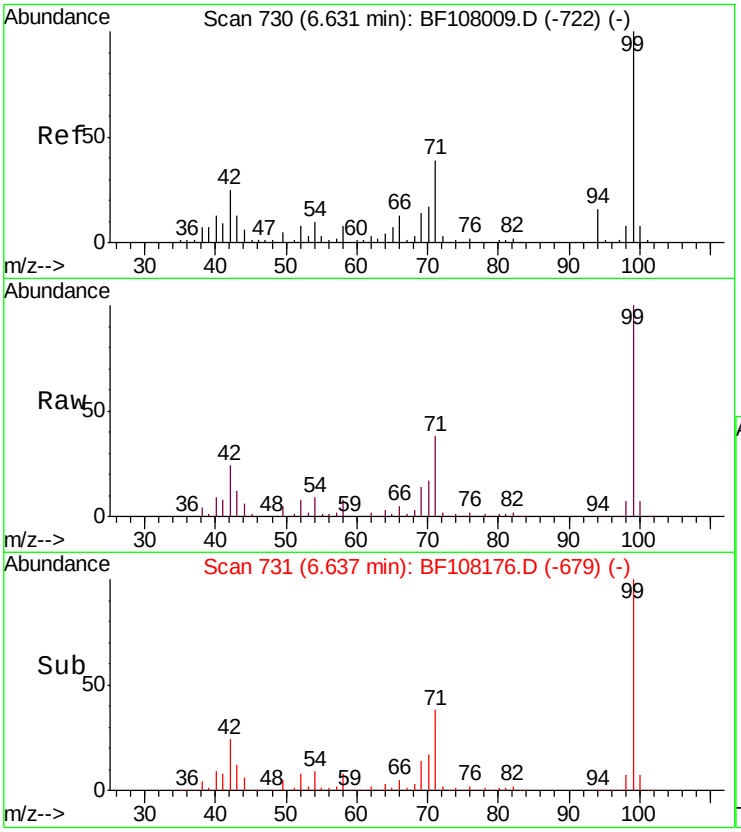


#5
2-Fluorophenol
Concen: 104.021 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:112 Resp: 1121573

Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.8	23.7	35.5#



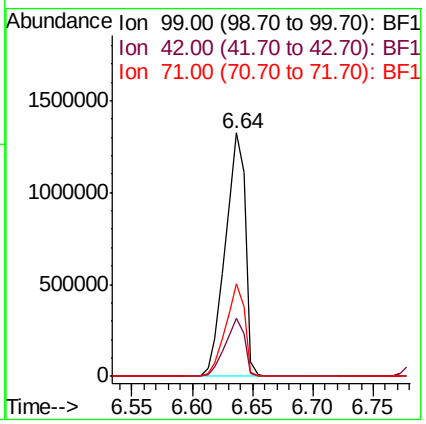


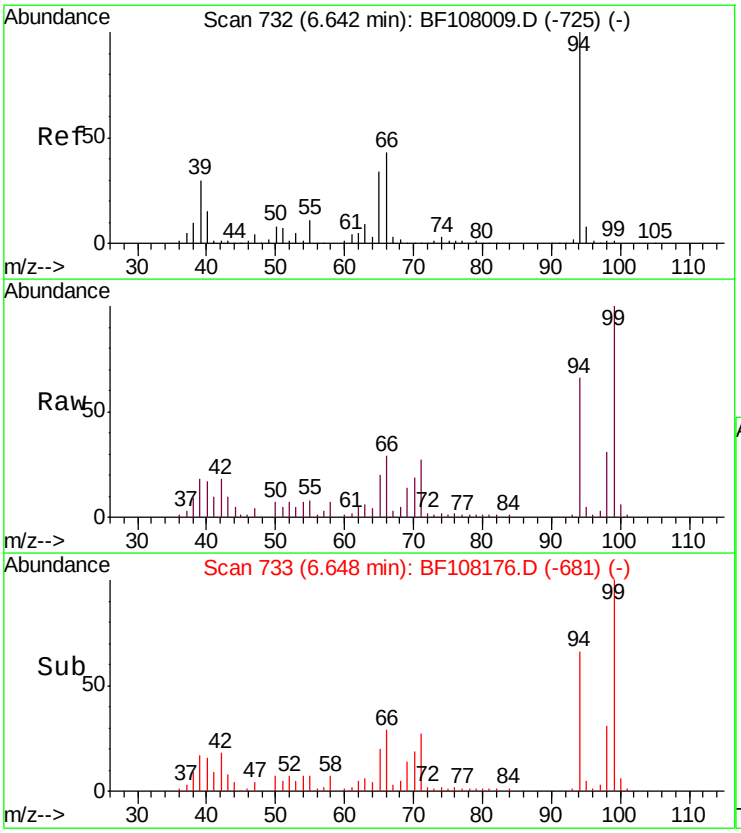
#7
Phenol-d6
Concen: 106.445 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion: 99 Resp: 1525149

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	37.8	25.4	38.0

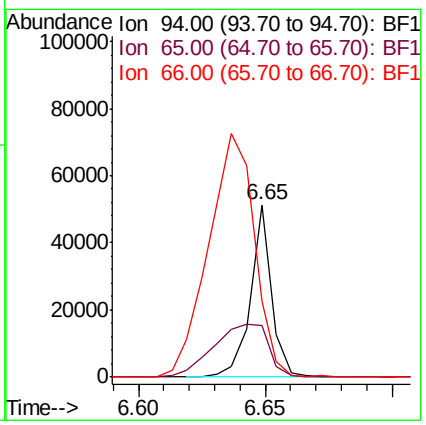


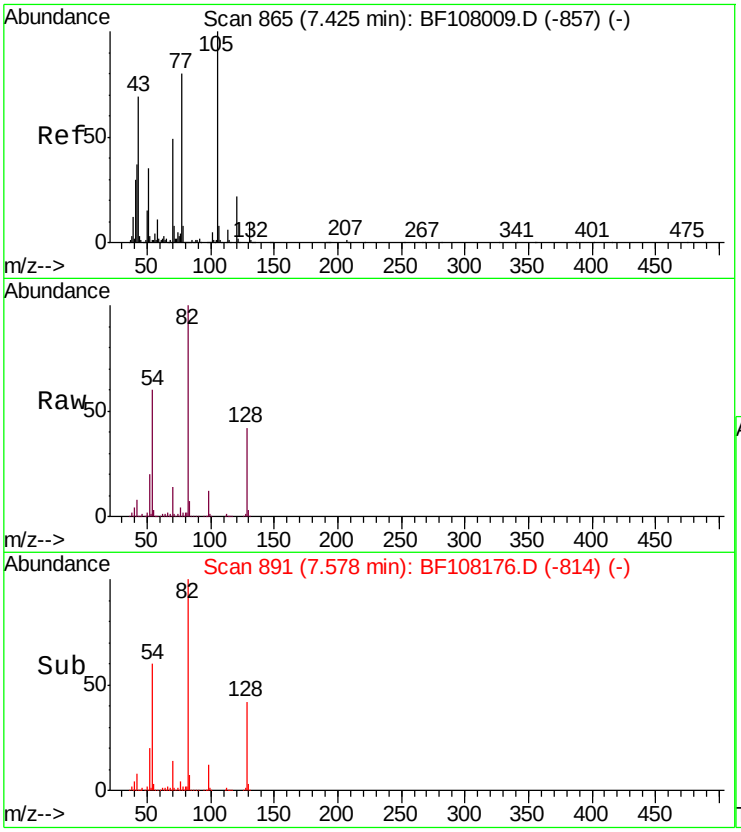


#10
Phenol
Concen: 2.001 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion: 94 Resp: 29657

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	44.2	16.2	56.2



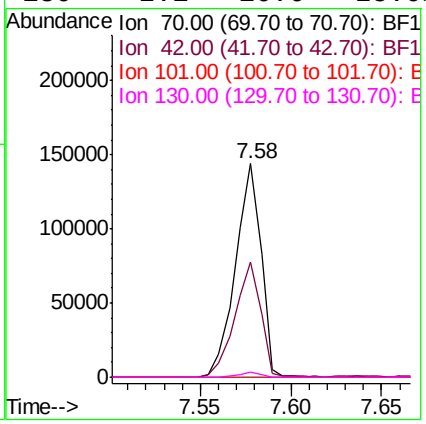


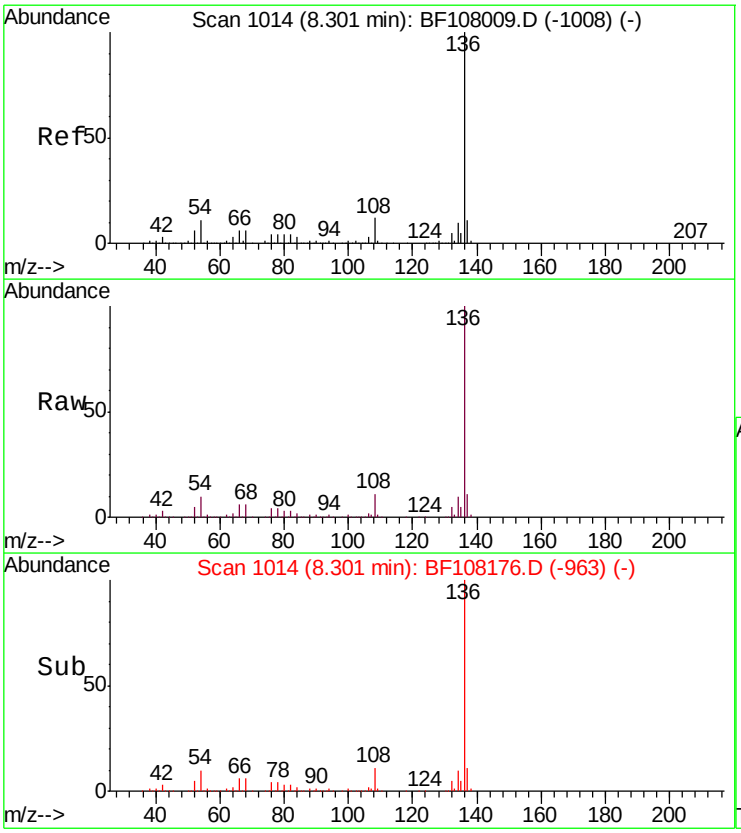
#19
n-Nitroso-di-n-propylamine
Concen: 14.535 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion: 70 Resp: 140827

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

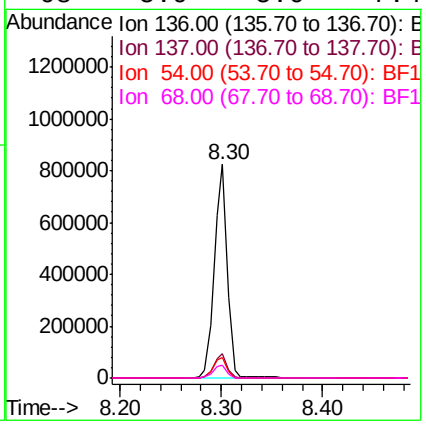


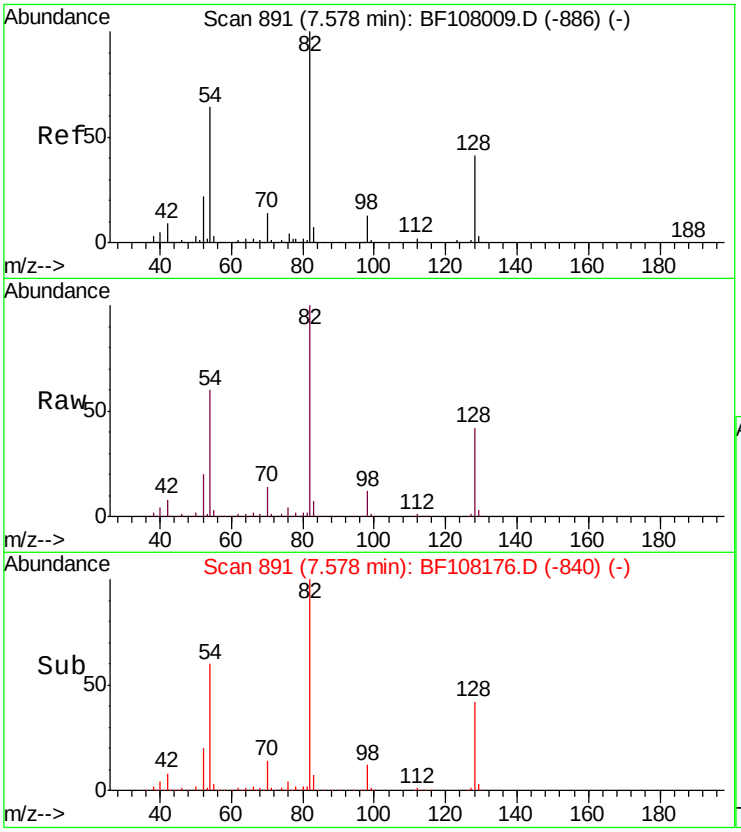


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:136 Resp: 730091

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.6	9.8
68	5.9	5.0	7.4



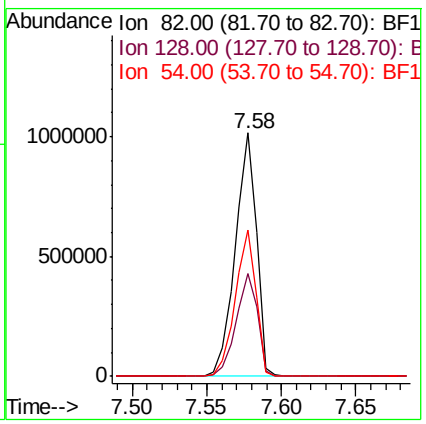


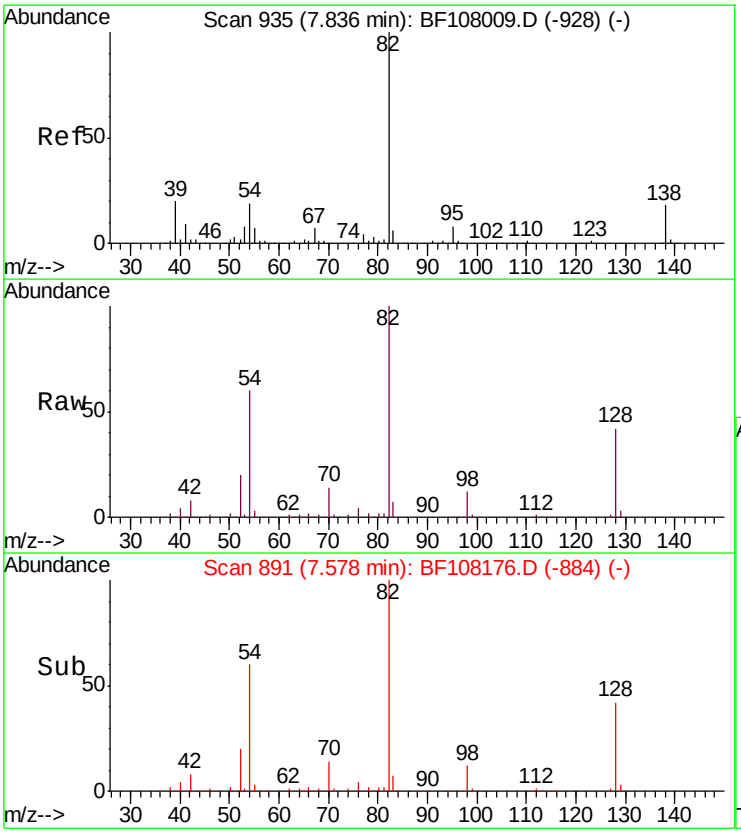
#23
Nitrobenzene-d5
Concen: 77.216 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion: 82 Resp: 1010271

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	59.9	41.4	62.2

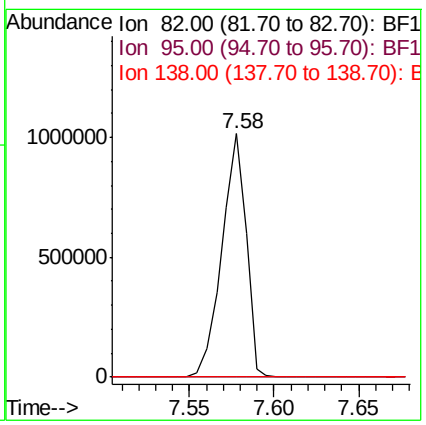


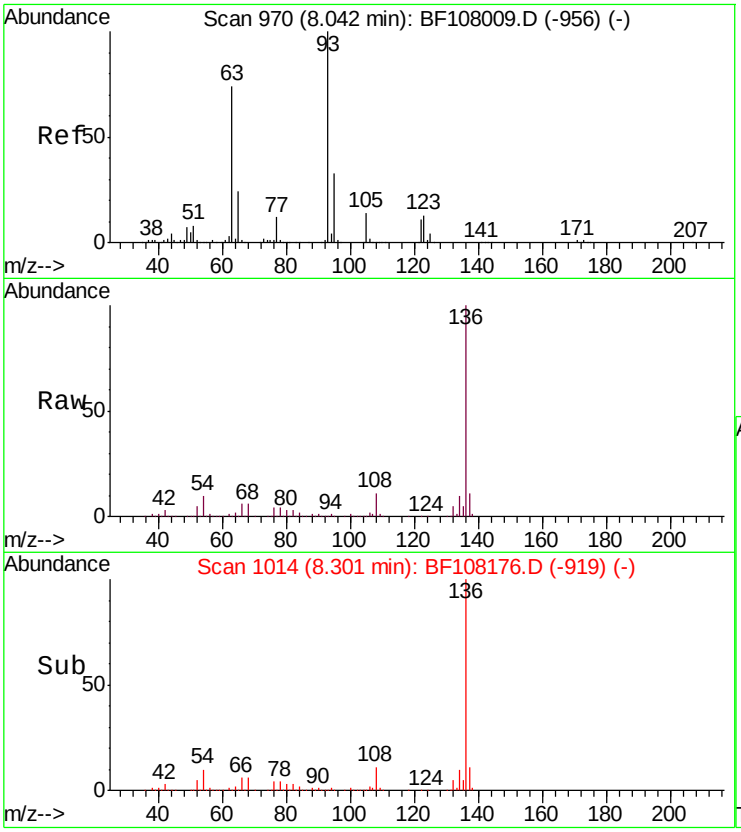


#25
Isophorone
Concen: 40.352 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion: 82 Resp: 1006312

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



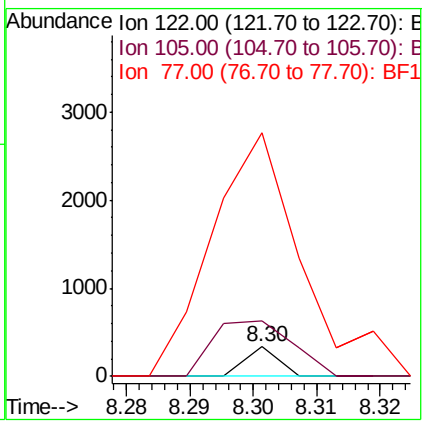


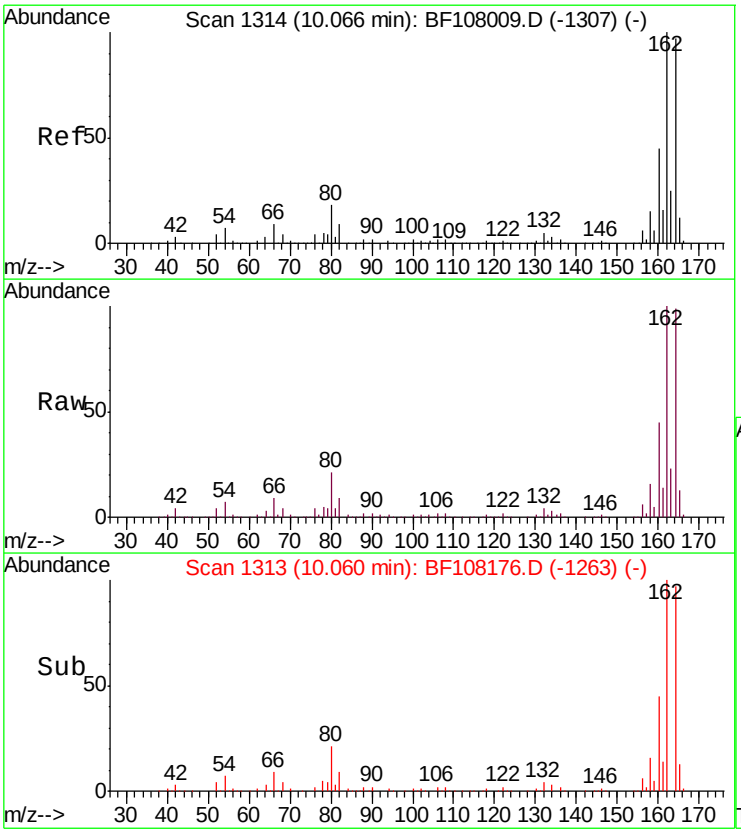
#32
Benzoic acid
Concen: 5.991 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.26 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	189.5	101.1	141.1#
77	830.0	70.7	110.7#

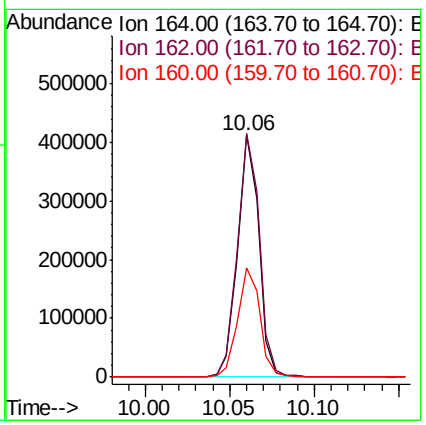


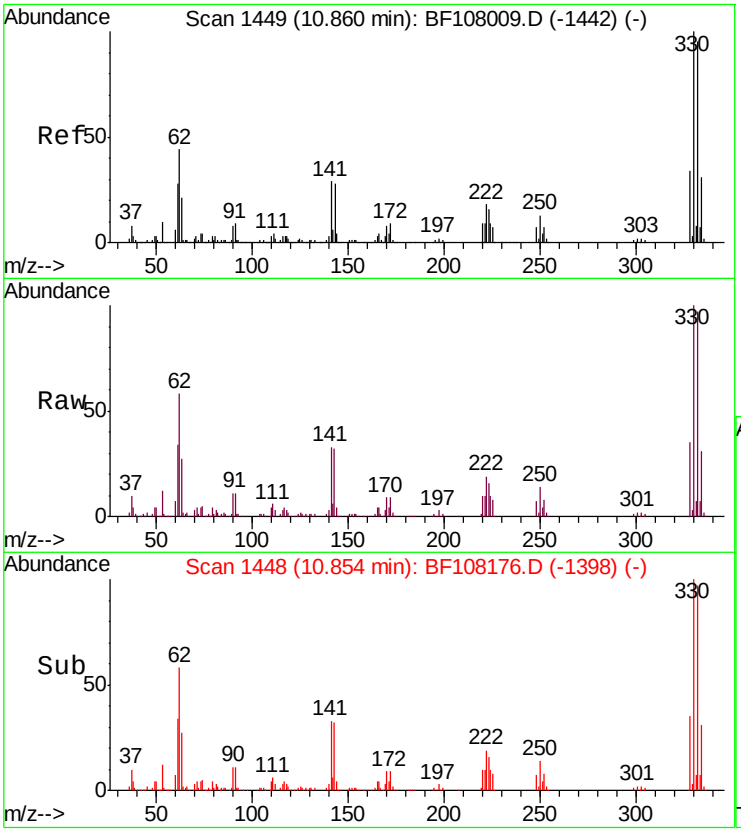


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:164 Resp: 361889

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	45.1	38.3	57.5



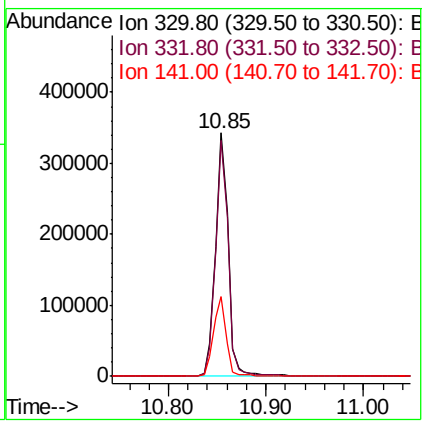


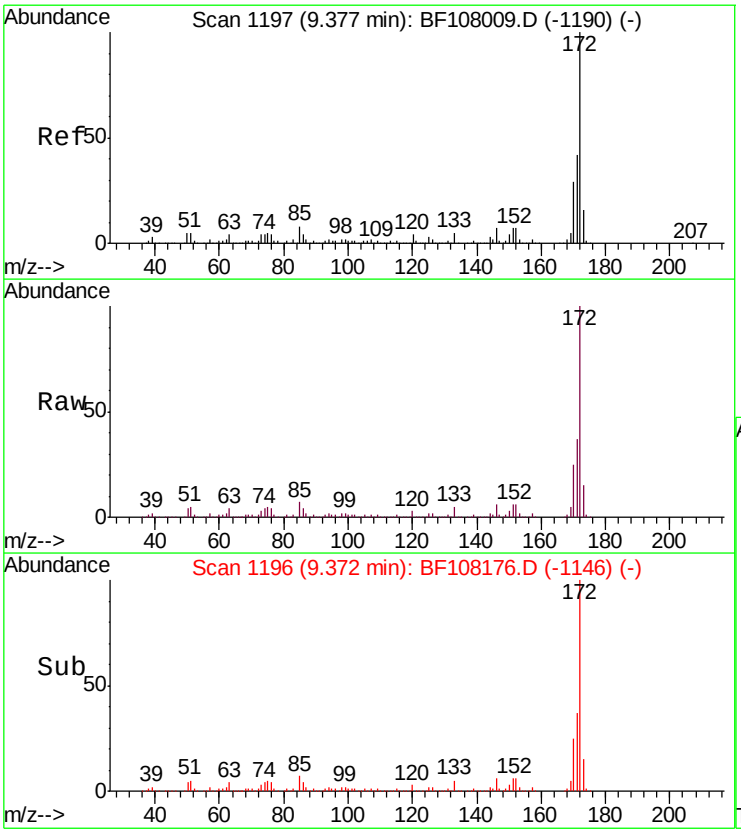
#41
2,4,6-Tribromophenol
Concen: 87.148 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:330 Resp: 314582

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.9	29.9	44.9

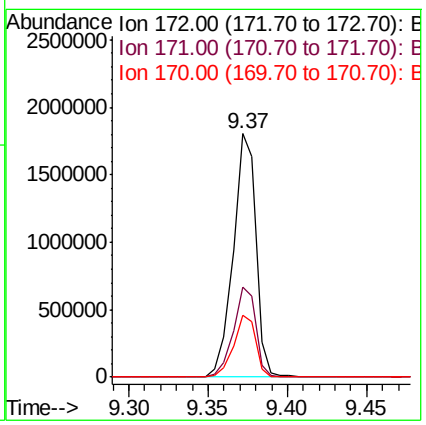


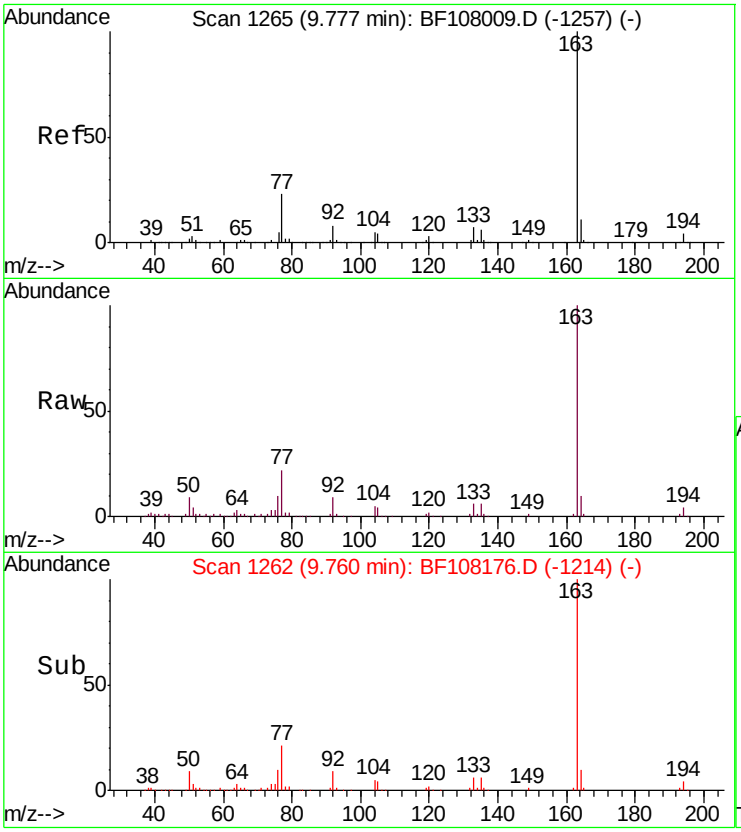


#44
2-Fluorobiphenyl
Concen: 79.536 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:172 Resp: 1792812

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.2	19.6	29.4



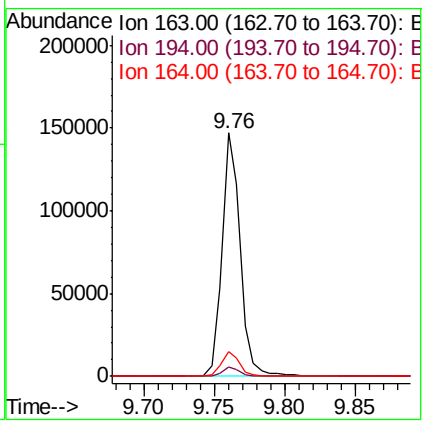


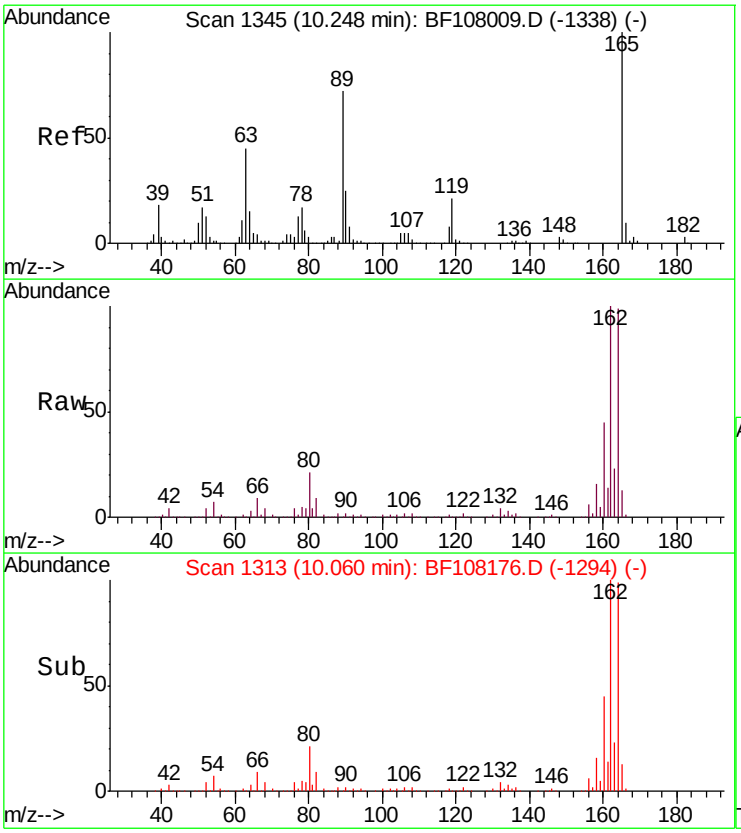
#49
Dimethylphthalate
Concen: 5.206 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:163 Resp: 131227

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

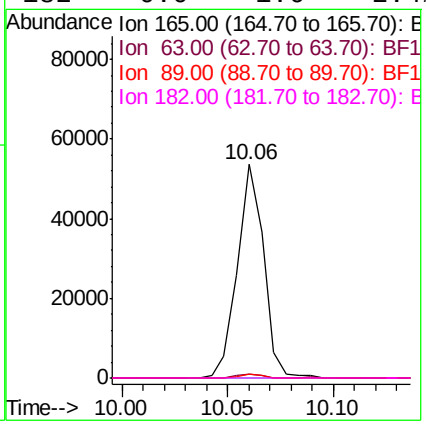


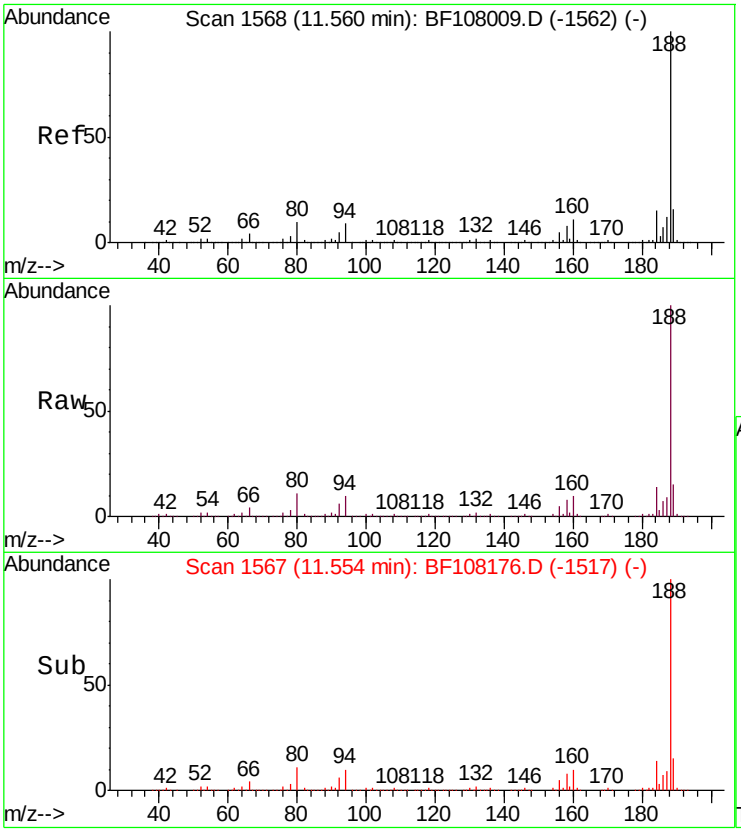


#56
2,4-Dinitrotoluene
Concen: 6.801 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:165 Resp: 46168

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



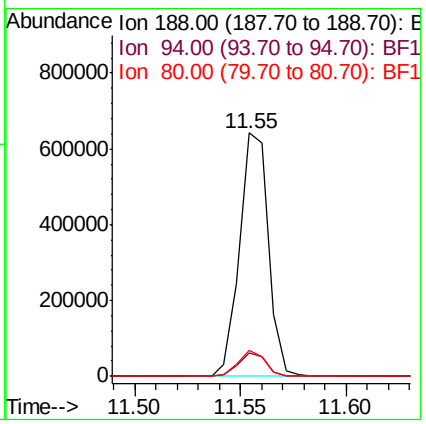


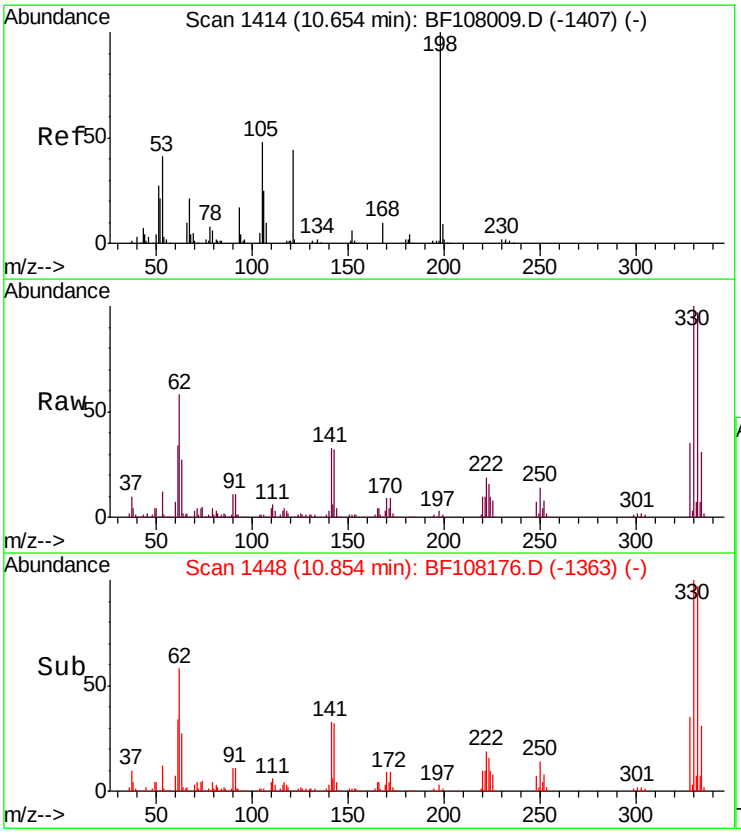
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:188 Resp: 608036

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

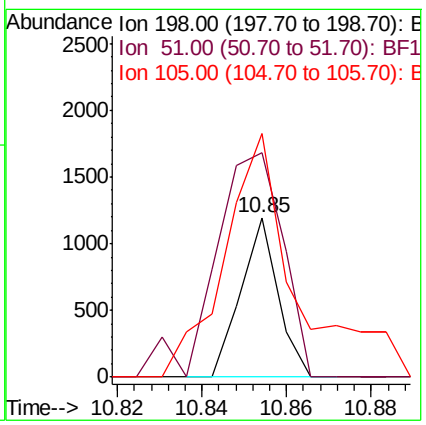


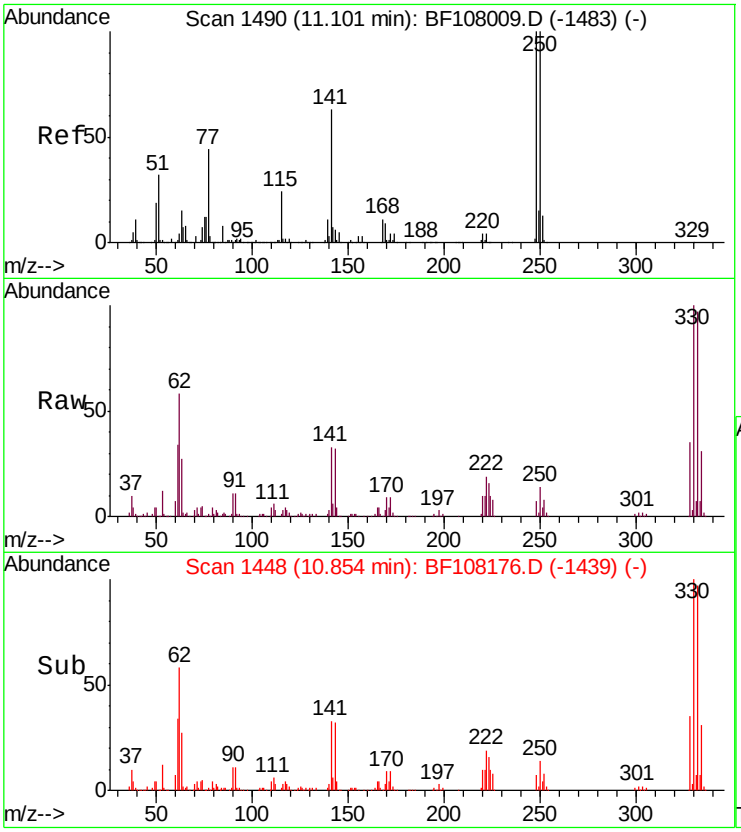


#64
4,6-Dinitro-2-methylphenol
Concen: 5.643 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:198 Resp: 731

Ion	Ratio	Lower	Upper
198	100		
51	140.4	37.7	77.7#
105	152.5	36.3	76.3#



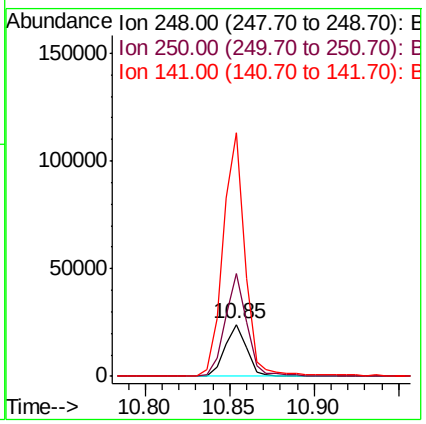


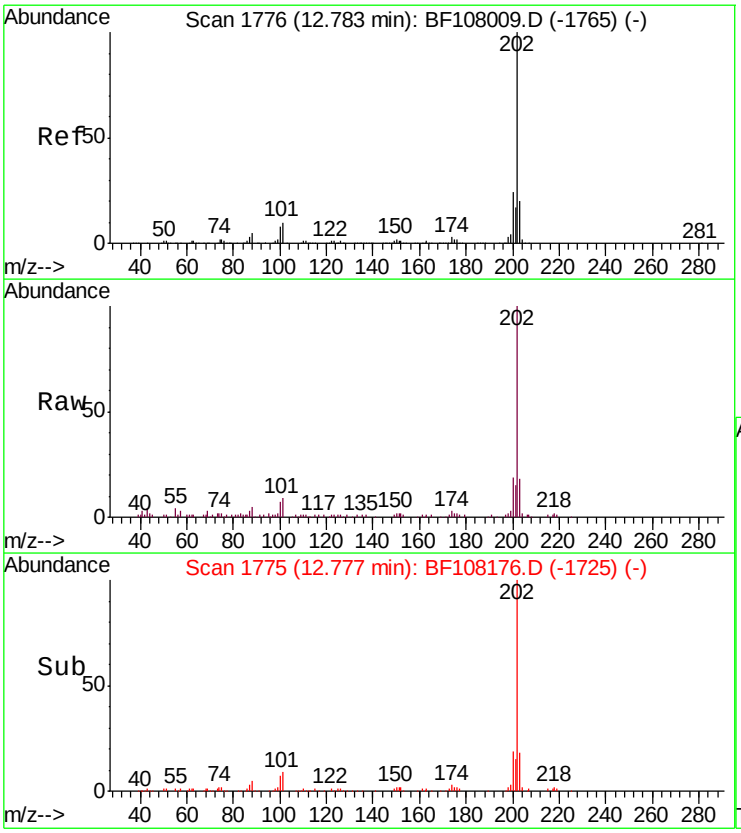
#66
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:248 Resp: 21514

Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	470.0	74.4	111.6#

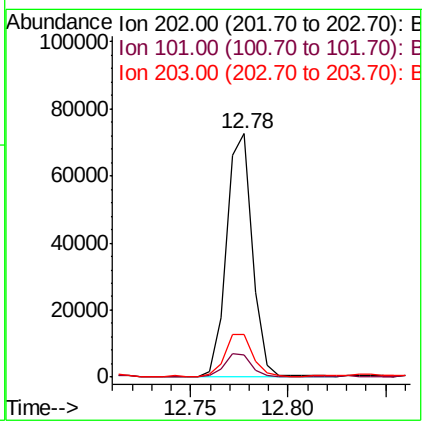


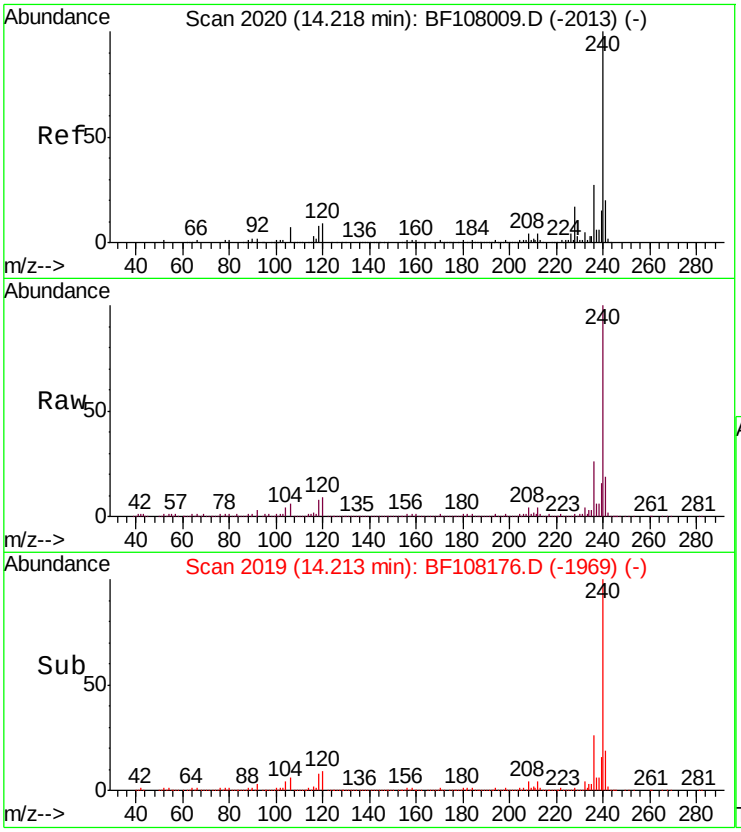


#74
Fluoranthene
Concen: 2.141 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:202 Resp: 67005

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.7	0.0	38.1



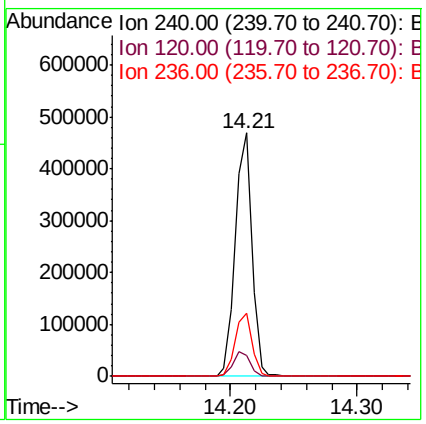


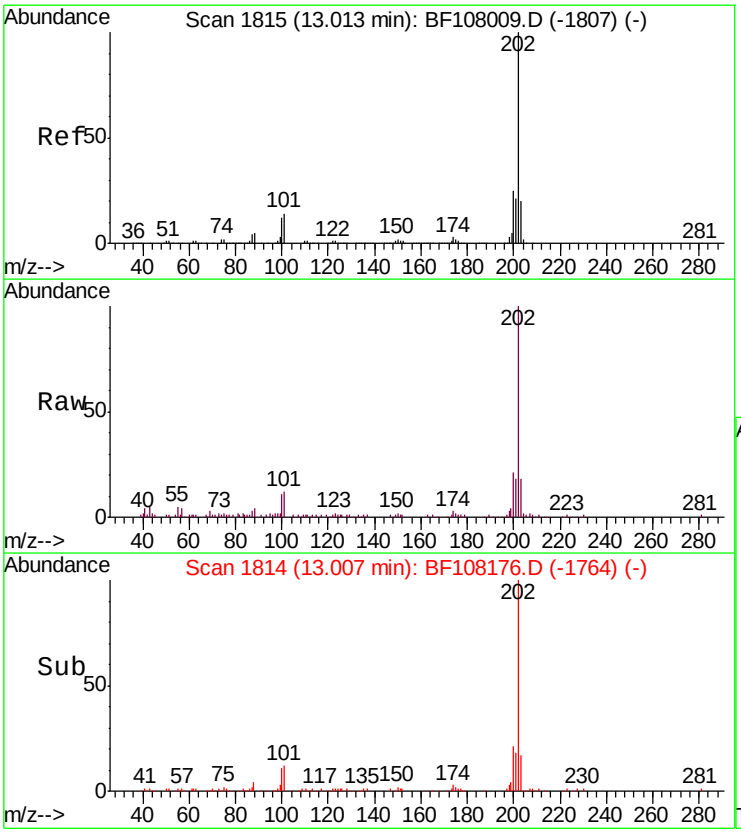
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:240 Resp: 423348

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.1	20.7	31.1

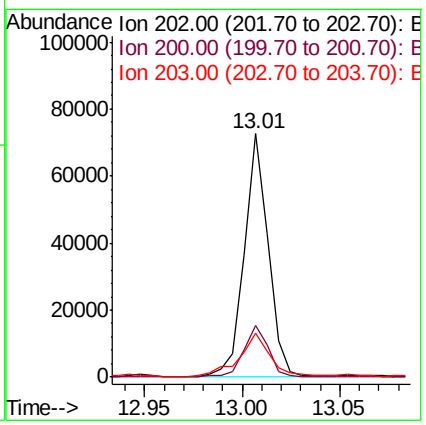


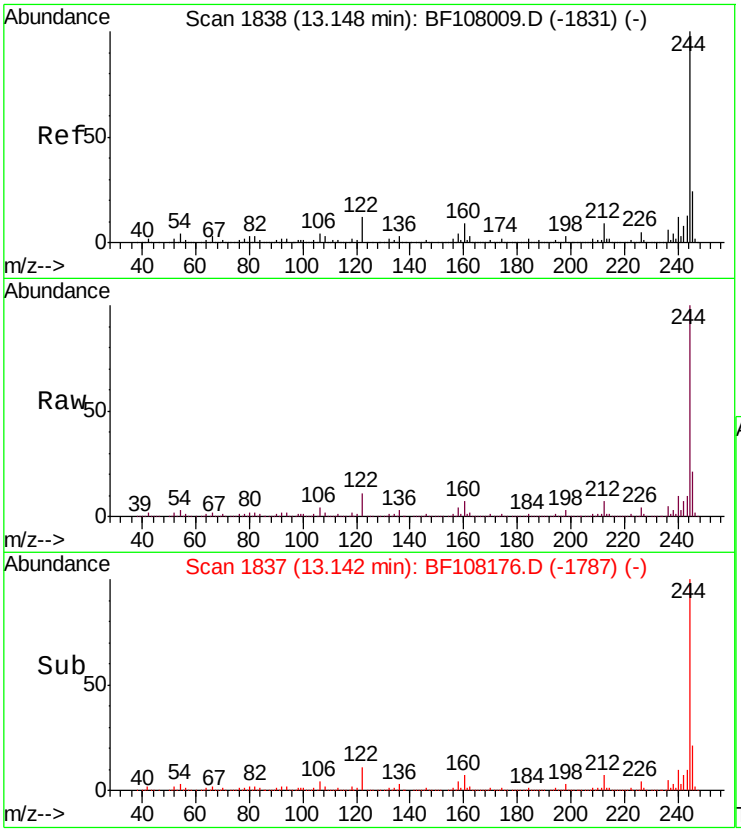


#77
Pyrene
Concen: 2.319 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:202 Resp: 62144

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5



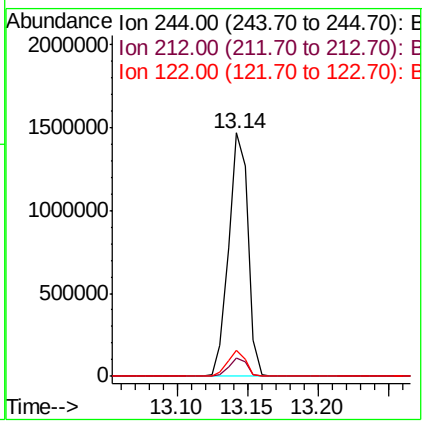


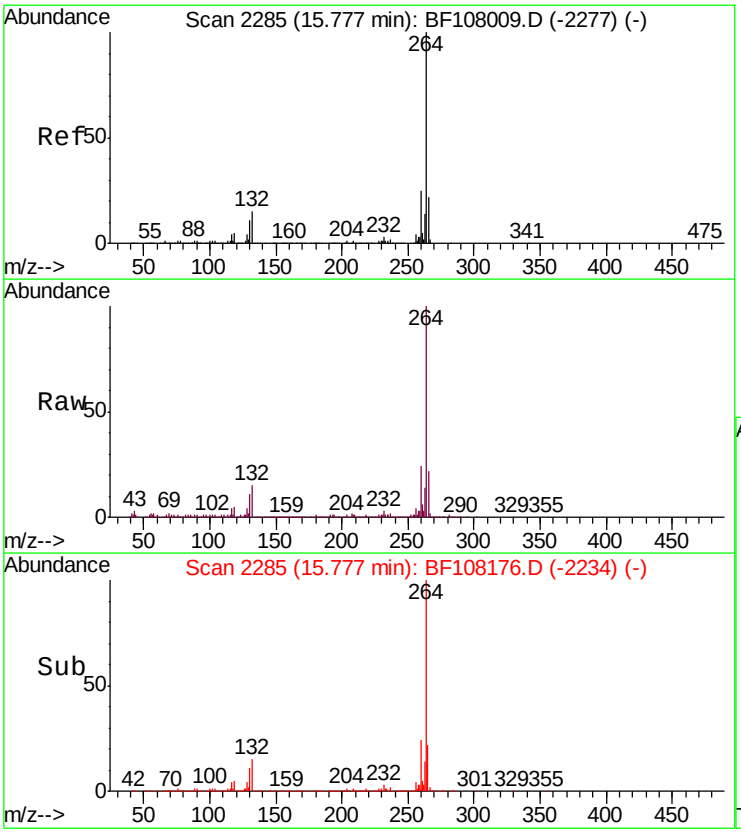
#78
Terphenyl-d14
Concen: 83.968 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:244 Resp: 1398107

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.8	11.0	16.4#

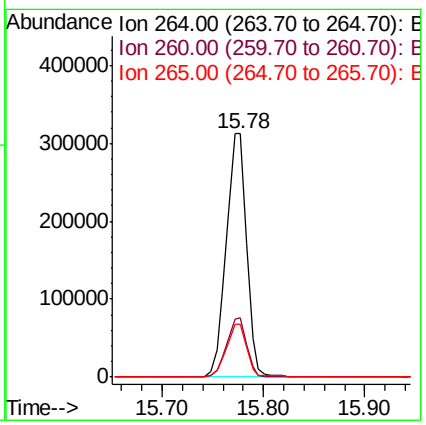


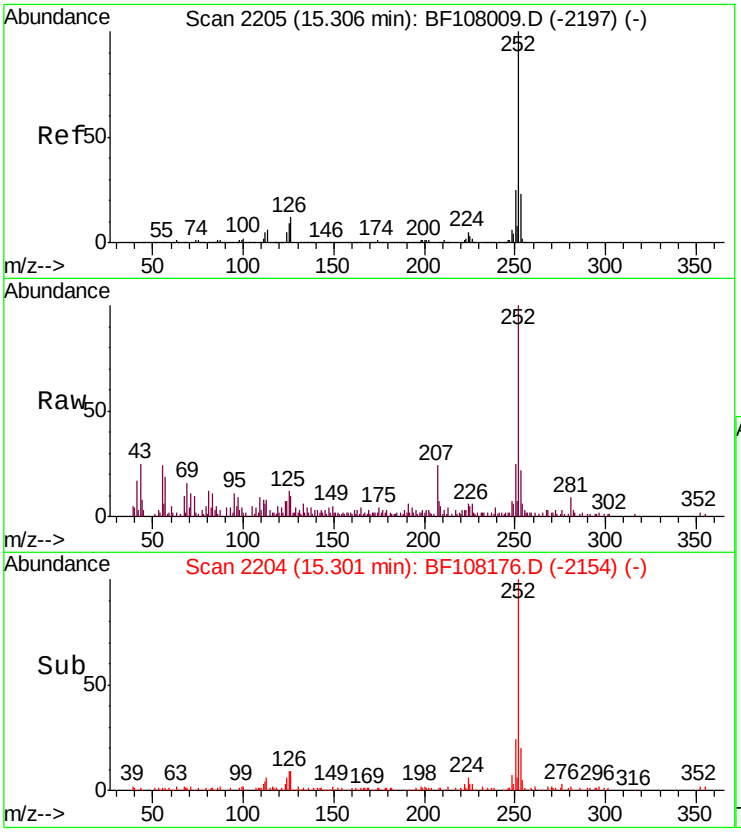


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:264 Resp: 437206

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3



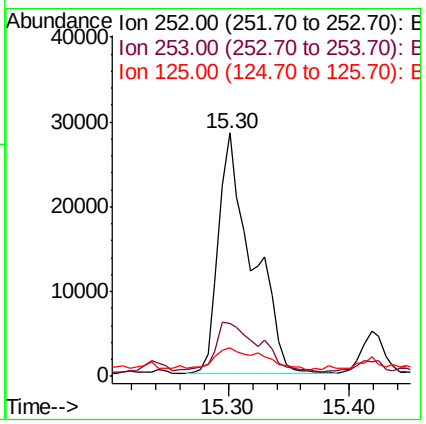


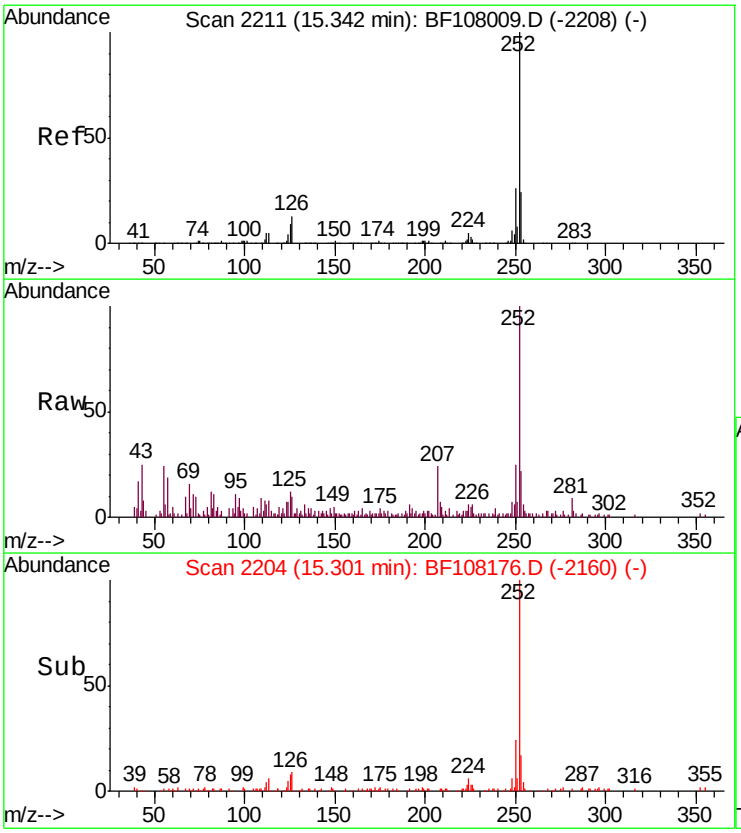
#87
Benzo(b)fluoranthene
Concen: 2.099 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tgt Ion:252 Resp: 54825

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.9	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 2.283 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion:252 Resp: 54825

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.9	10.2	15.2