Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 14:48:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212692	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	778112	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	333667	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	527759	20.00	ng		0.00
75) Chrysene-d12	13.87	240	509317	20.00	ng		0.00
86) Perylene-d12	15.28	264	548281	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	503756	39.24	ng		0.00
7) Phenol-d6	6.36	99	641131	38.81	ng		0.00
23) Nitrobenzene-d5	7.29	82	379796	30.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	111157	34.90	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	701083	35.85	ng		0.00
78) Terphenyl-d14	12.82	244	534730	24.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	50671	4.413	ng	#	78
25) Isophorone	7.29	82	374640	15.106	ng	#	64
32) Benzoic acid	7.71	122	371	4.073	ng	#	1
49) Dimethylphthalate	9.48	163	160177	6.863	ng	#	99
56) 2,4-Dinitrotoluene	9.77	165	47842	8.412	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.55	198	138	6.925	ng	#	1
74) Fluoranthene	12.68	202	87734	3.516	ng		99
77) Pyrene	12.68	202	87791	2.240	ng		98
87) Benzo(b)fluoranthene	14.88	252	92398	3.099	ng	#	77
88) Benzo(k)fluoranthene	14.88	252	92398	3.365	ng	#	80

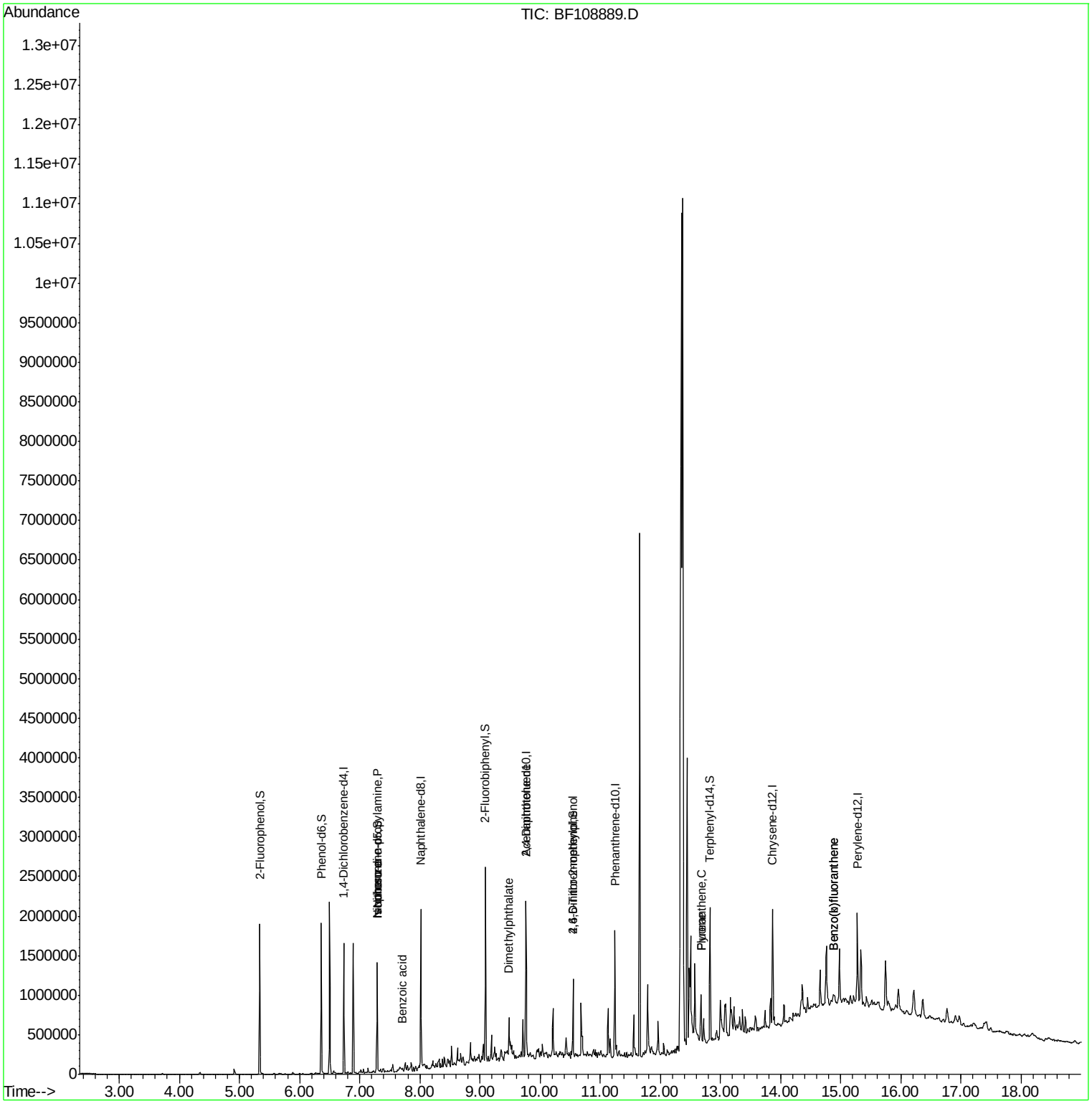
(#) = qualifier out of range (m) = manual integration (+) = signals summed

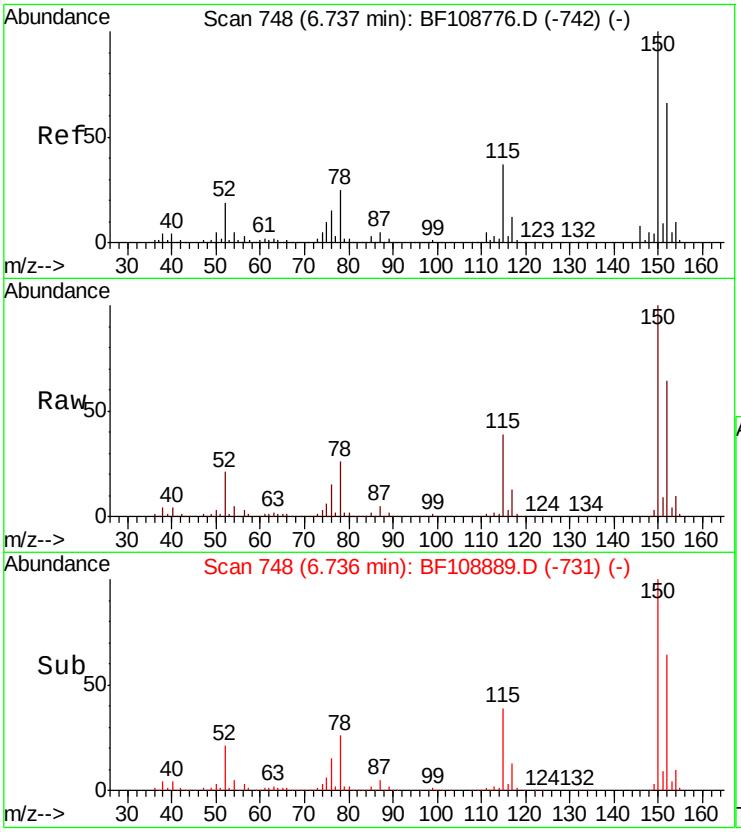
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108889.D
Acq On : 10 Sep 2018 13:36
Operator : JU/SJ
Sample : J4769-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 14:48:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



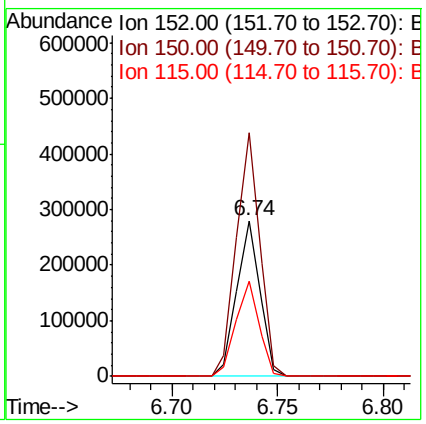


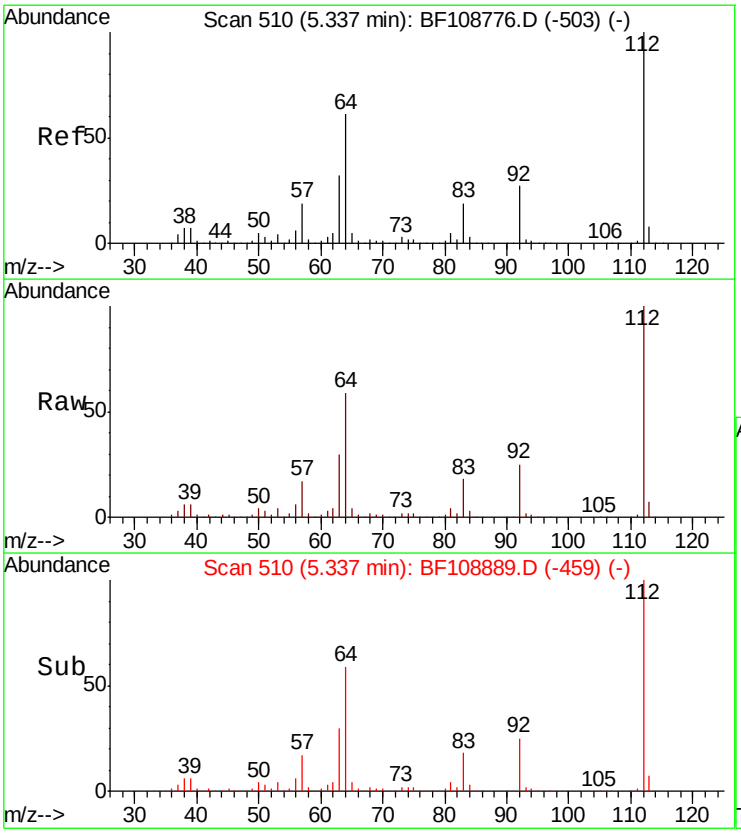
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 212692

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.0	50.1	75.1

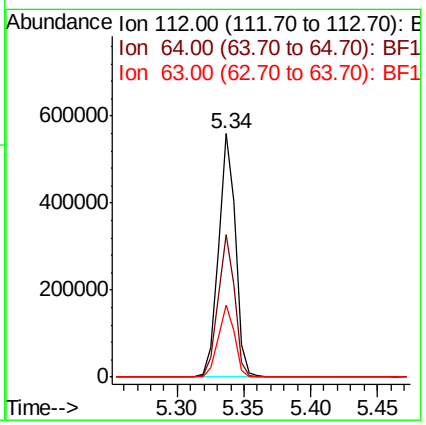


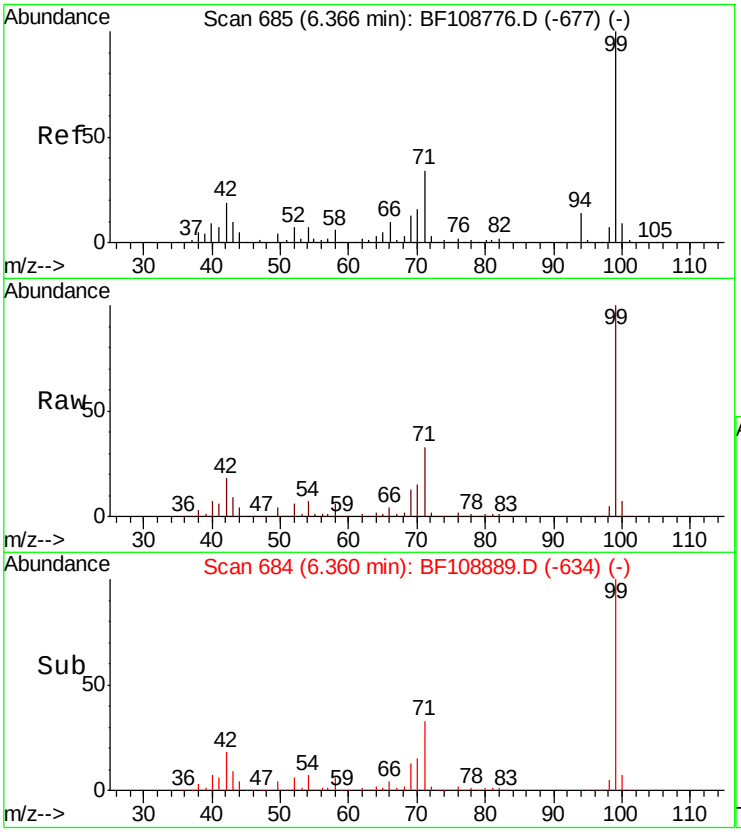


#5
2-Fluorophenol
Concen: 39.238 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:112 Resp: 503756

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.8	23.7	35.5



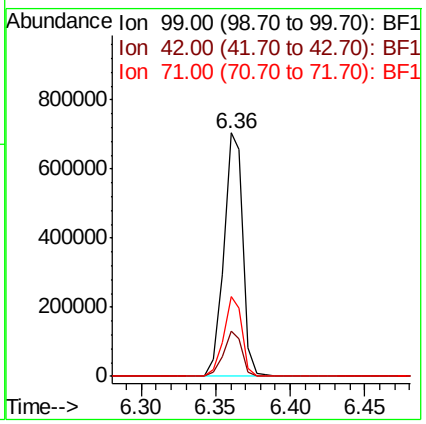


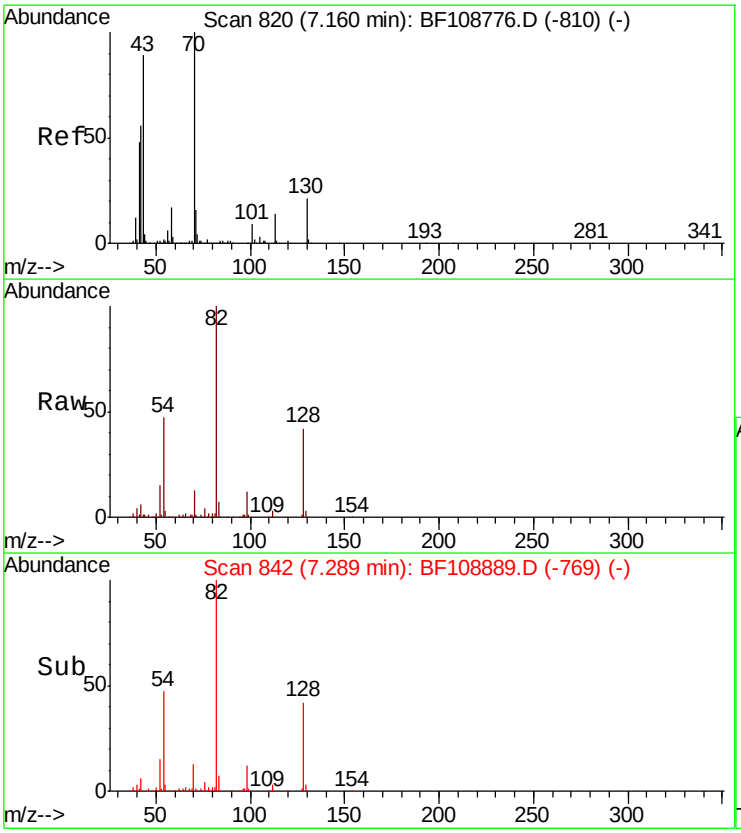
#7
Phenol-d6
Concen: 38.812 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 641131

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.6	25.4	38.0

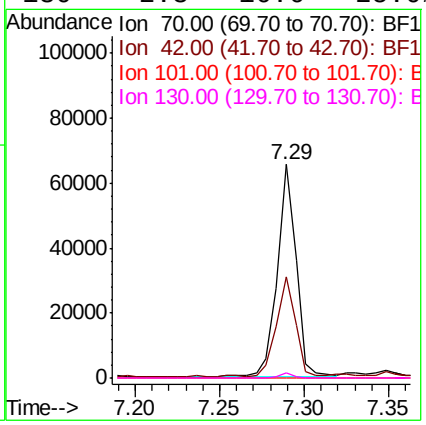


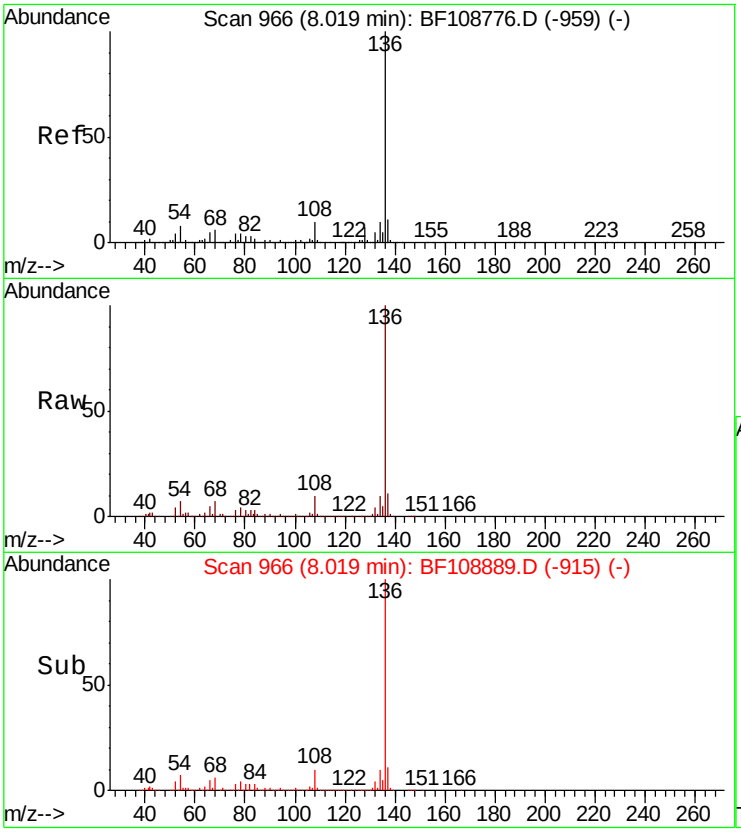


#19
n-Nitroso-di-n-propylamine
Concen: 4.413 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion: 70 Resp: 50671

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



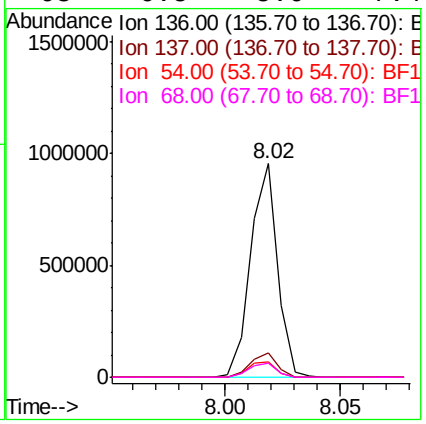


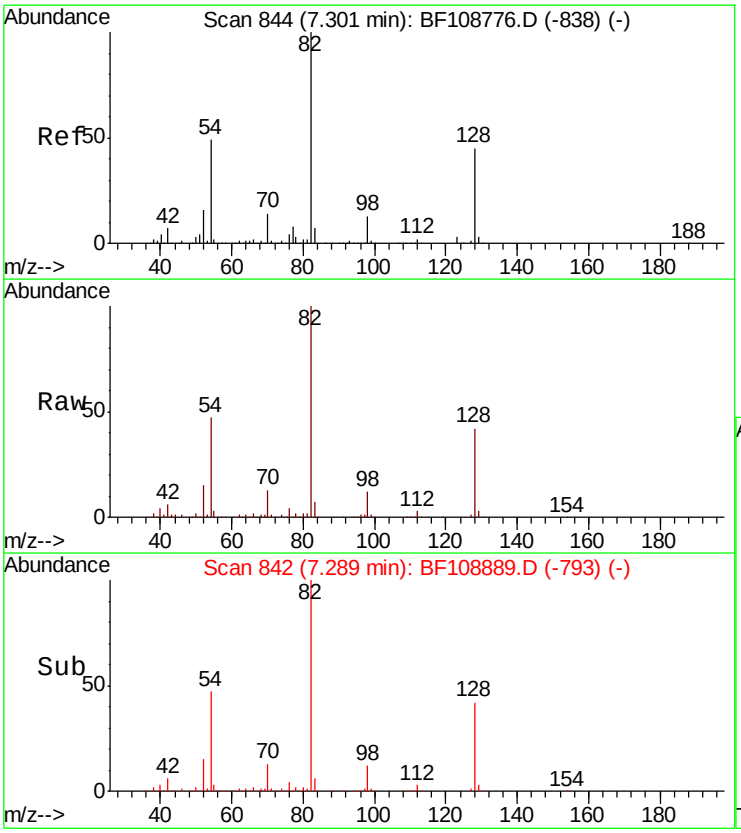
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 778112

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4

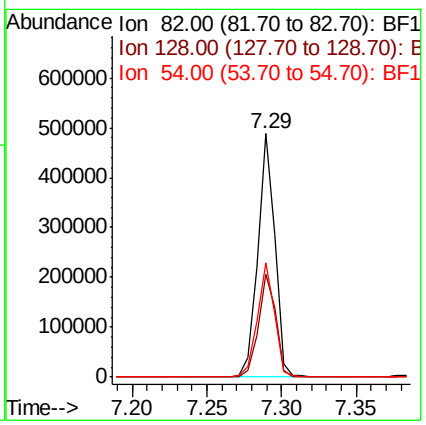


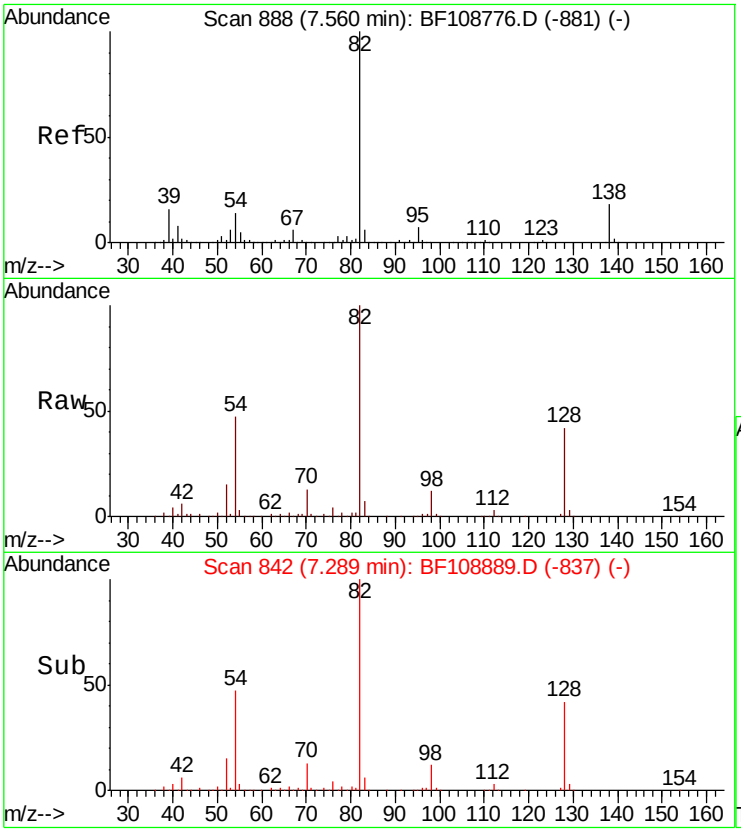


#23
Nitrobenzene-d5
Concen: 30.546 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion: 82 Resp: 379796

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	47.1	41.4	62.2



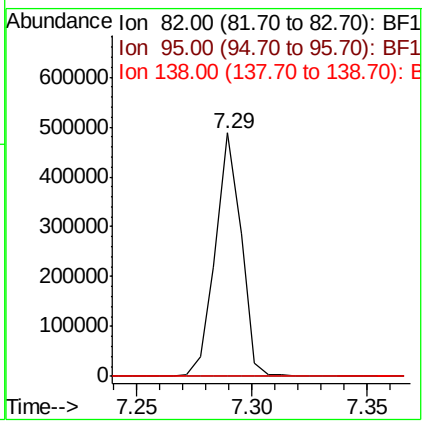


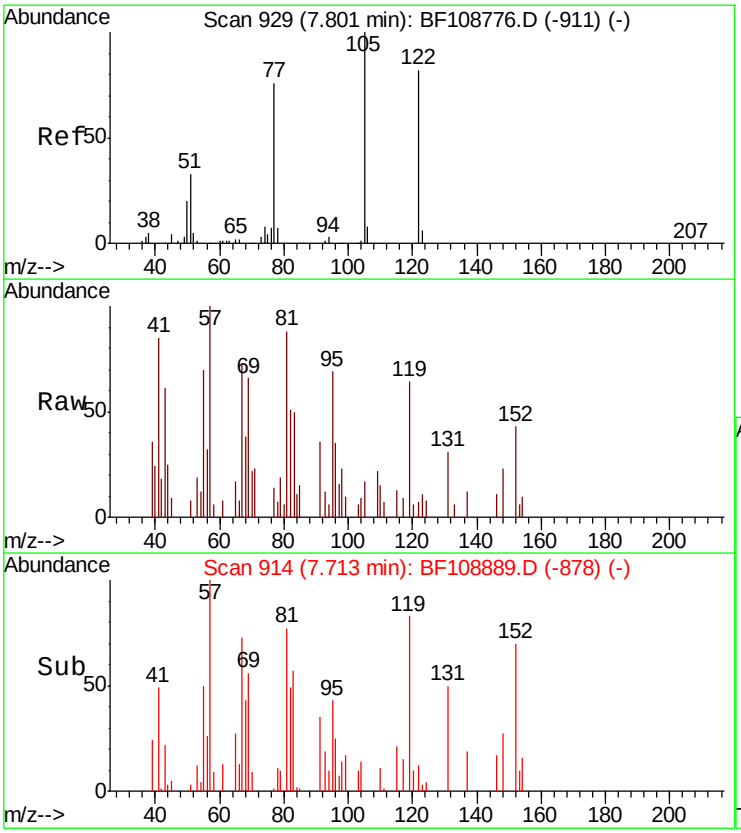
#25
Isophorone
Concen: 15.106 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 374640

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

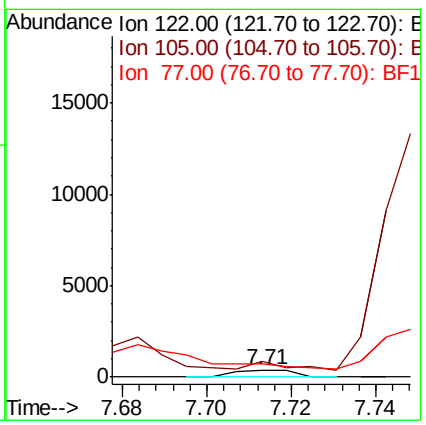


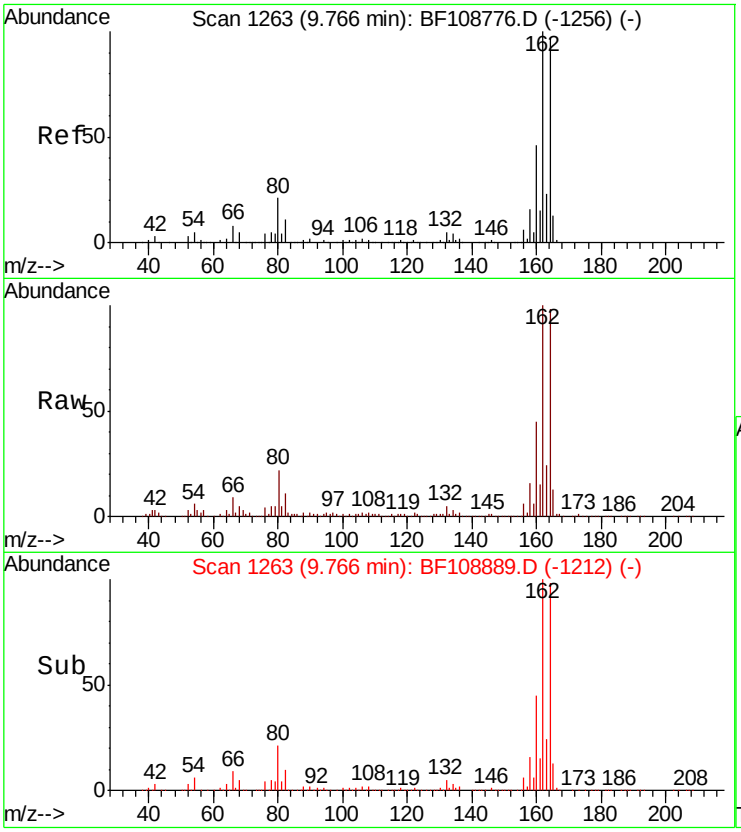


#32
Benzoic acid
Concen: 4.073 ng
RT: 7.71 min Scan# 914
Delta R.T. -0.09 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:122 Resp: 371

Ion	Ratio	Lower	Upper
122	100		
105	235.6	101.1	141.1#
77	196.6	70.7	110.7#



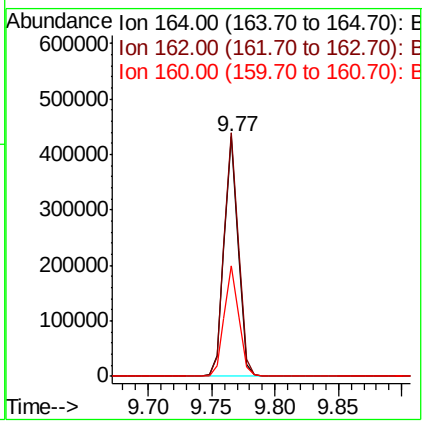


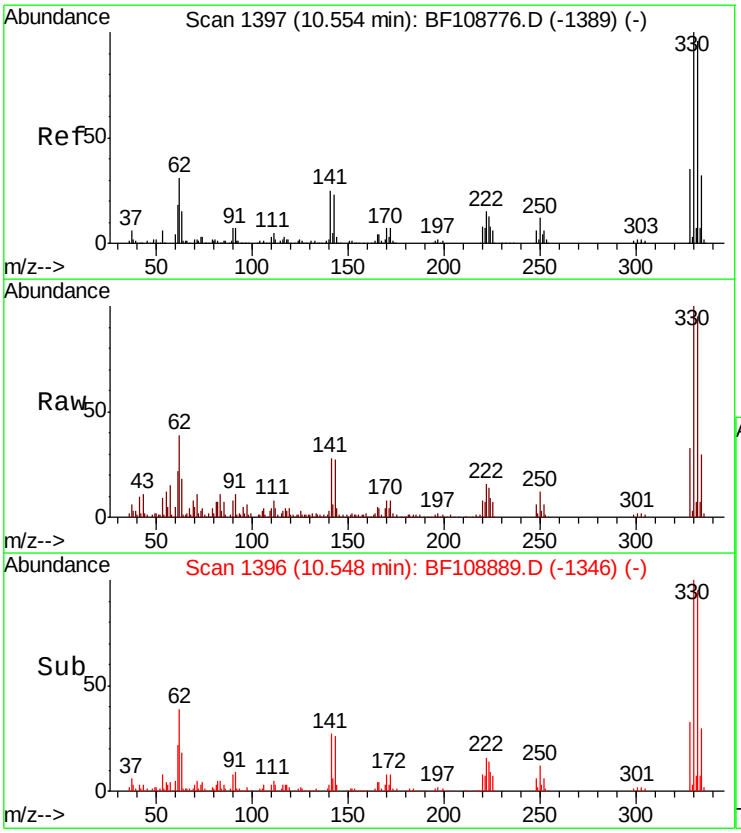
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 333667

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.0	38.3	57.5

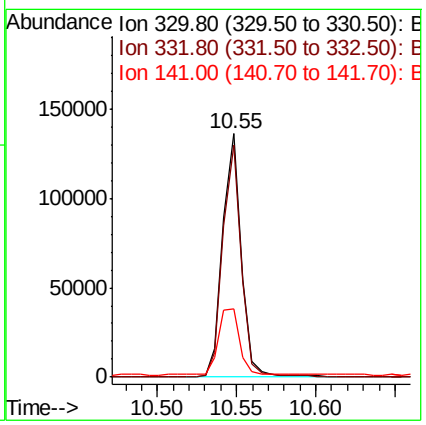


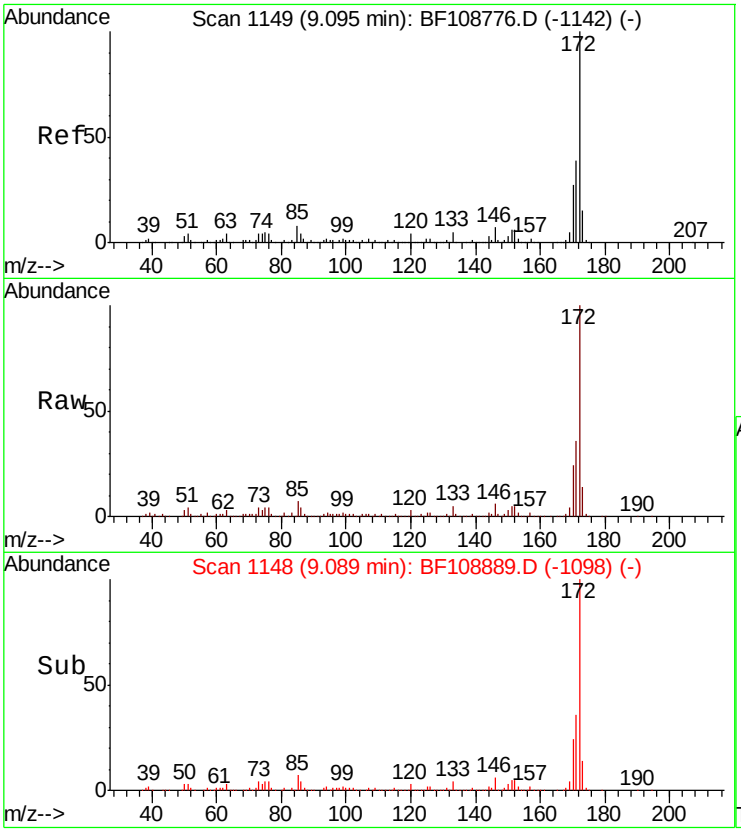


#41
2,4,6-Tribromophenol
Concen: 34.896 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:330 Resp: 111157

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	31.5	29.9	44.9



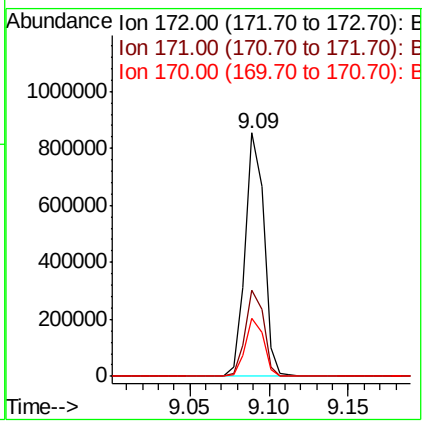


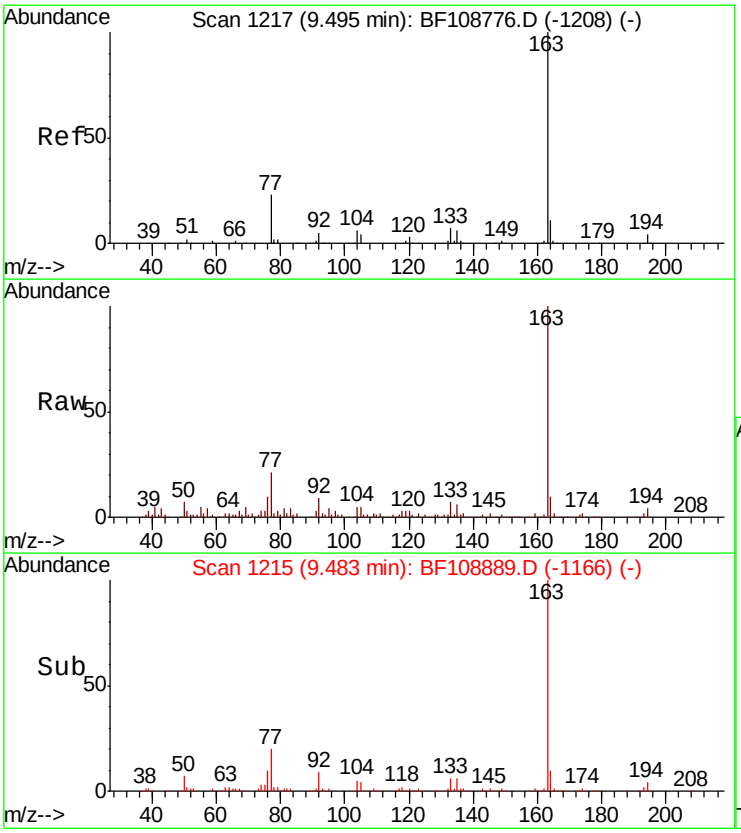
#44
2-Fluorobiphenyl
Concen: 35.845 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 701083

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4

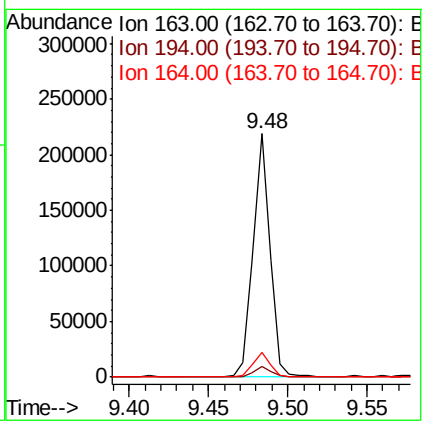


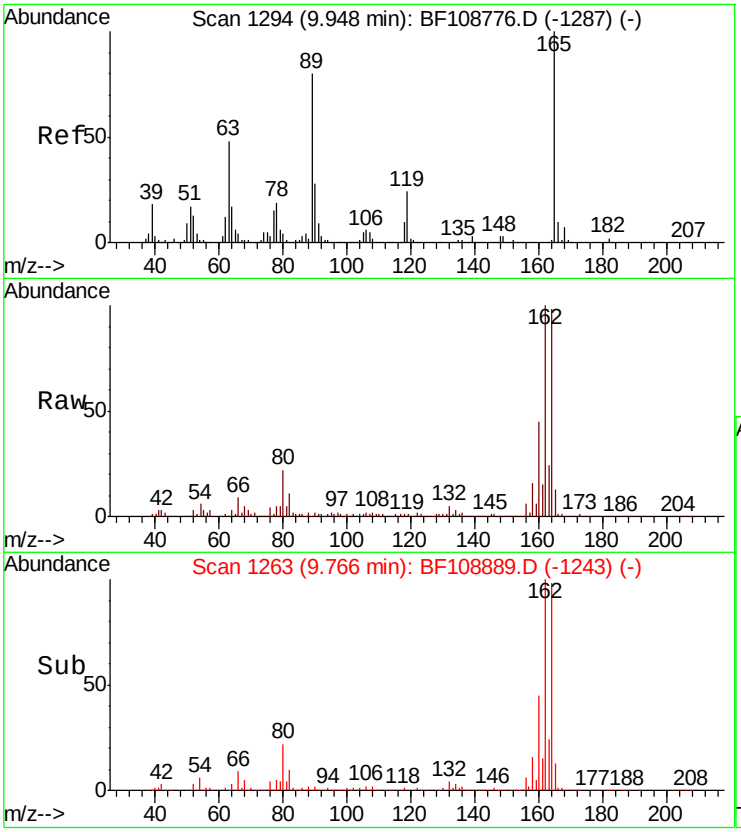


#49
Dimethylphthalate
Concen: 6.863 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:163 Resp: 160177

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.3	8.2	12.2



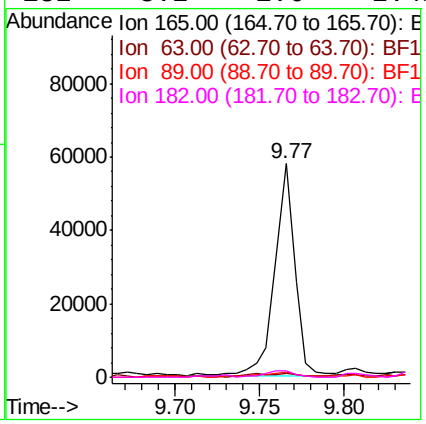


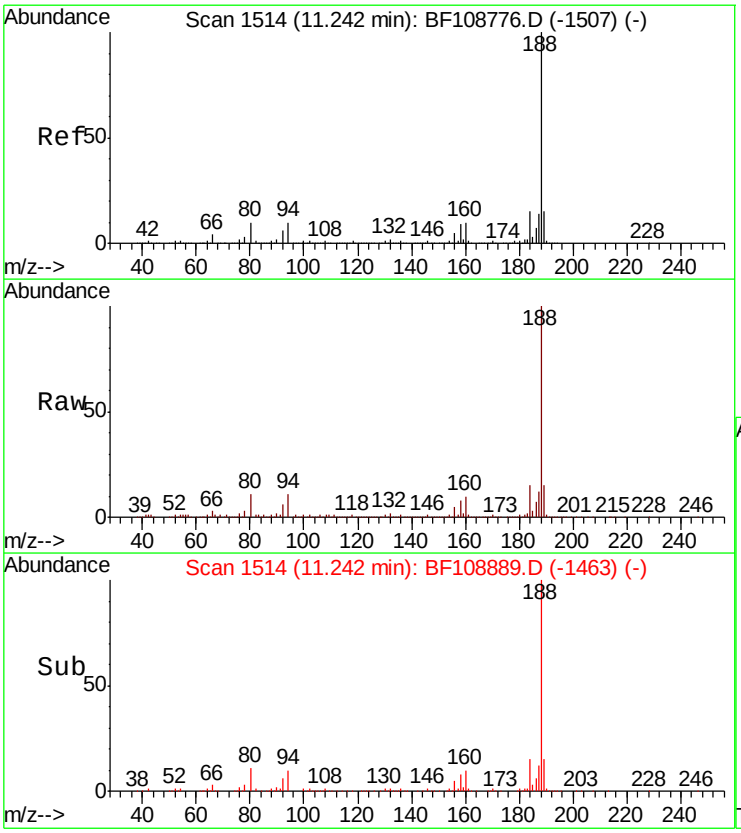
#56
2,4-Dinitrotoluene
Concen: 8.412 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 47842

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.5	57.8	86.6#
182	3.2	1.6	2.4#

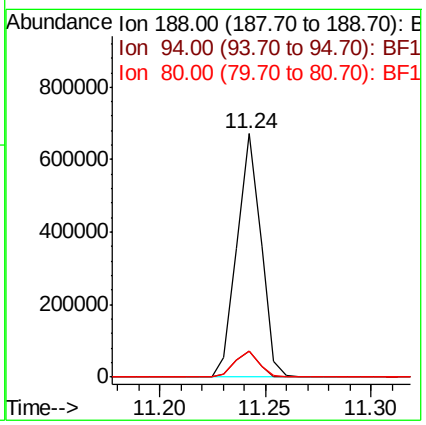


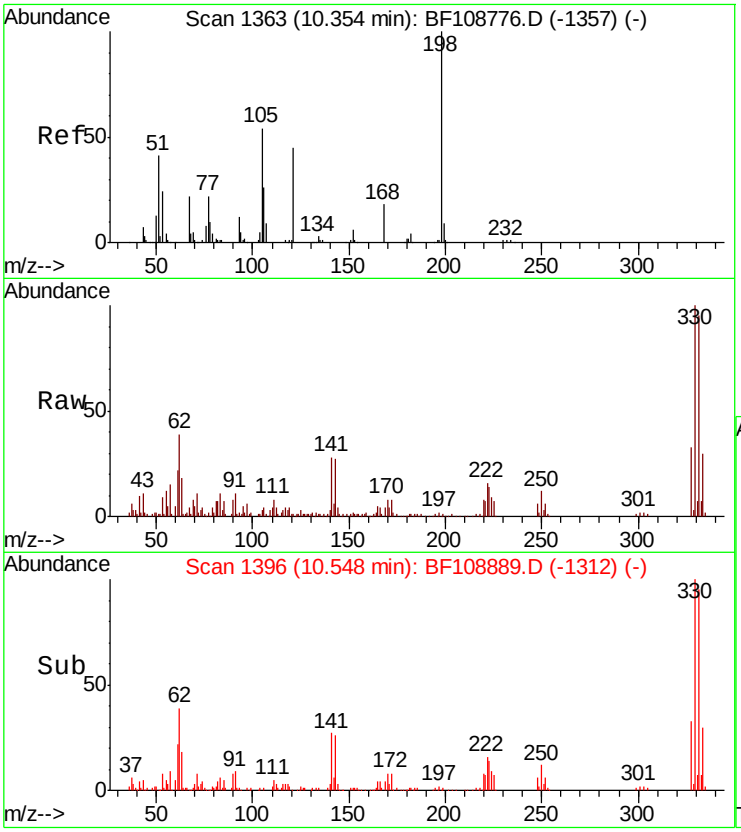


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:188 Resp: 527759

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.7	9.2	13.8



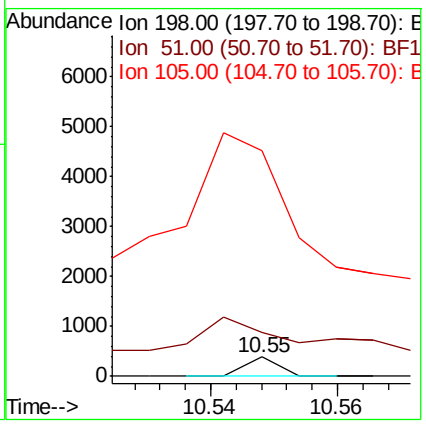


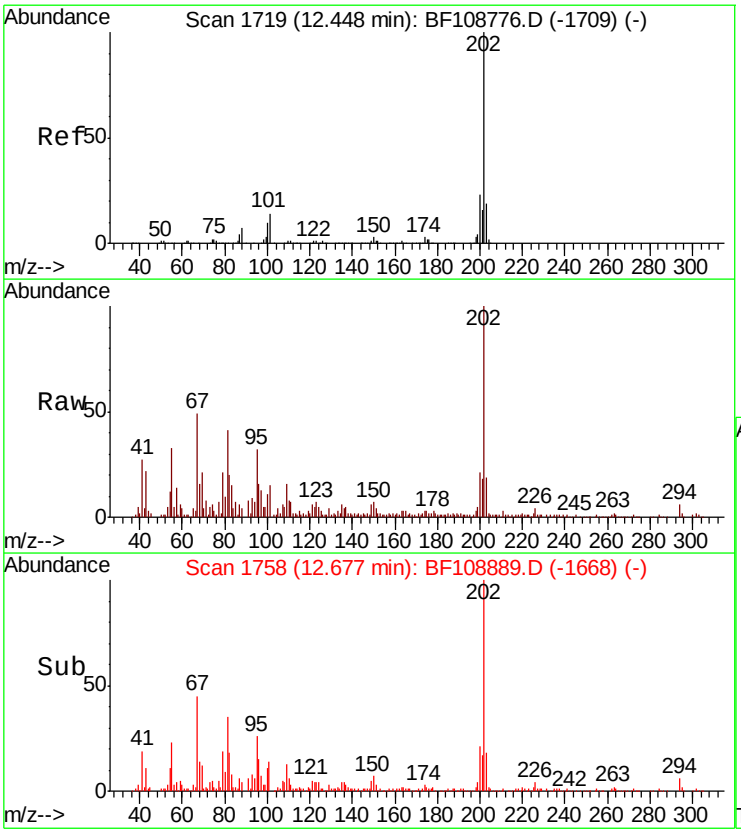
#64
4,6-Dinitro-2-methylphenol
Concen: 6.925 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:198 Resp: 138

Ion	Ratio	Lower	Upper
198	100		
51	225.0	37.7	77.7#
105	1155.9	36.3	76.3#

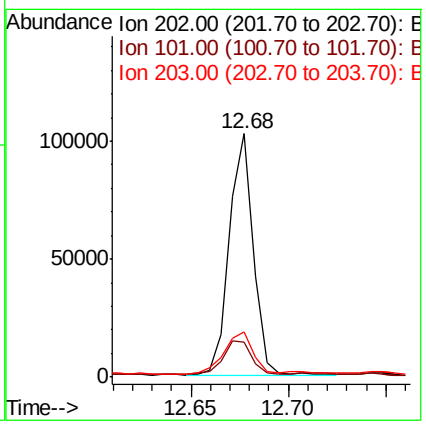


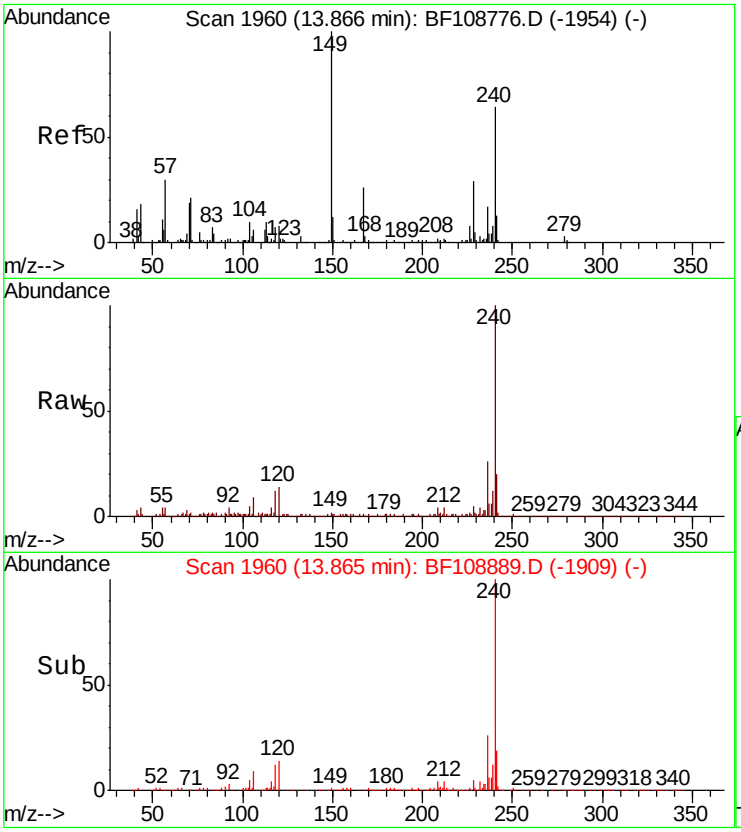


#74
Fluoranthene
Concen: 3.516 ng
RT: 12.68 min Scan# 1758
Delta R.T. 0.23 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:202 Resp: 87734

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.5	0.0	38.1



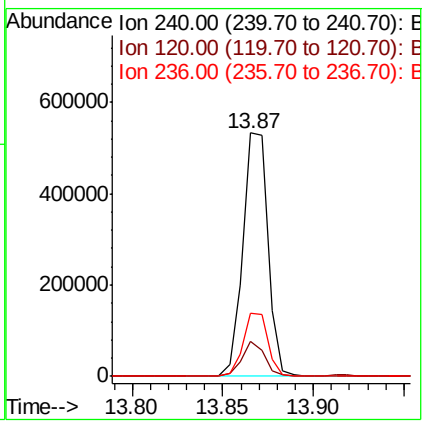


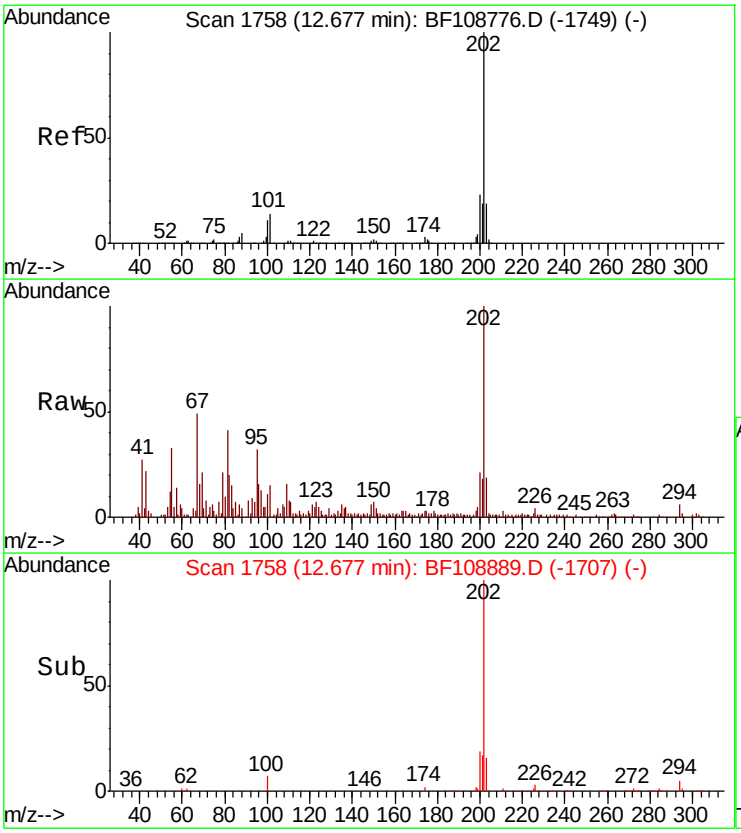
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 509317

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.9	20.7	31.1

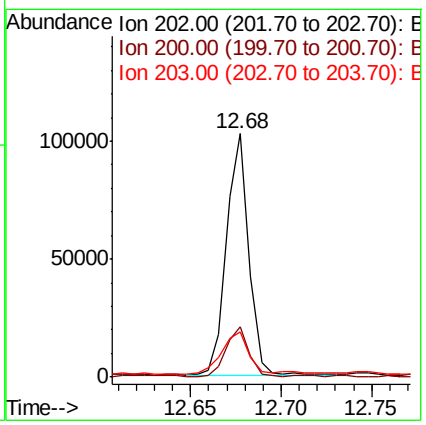


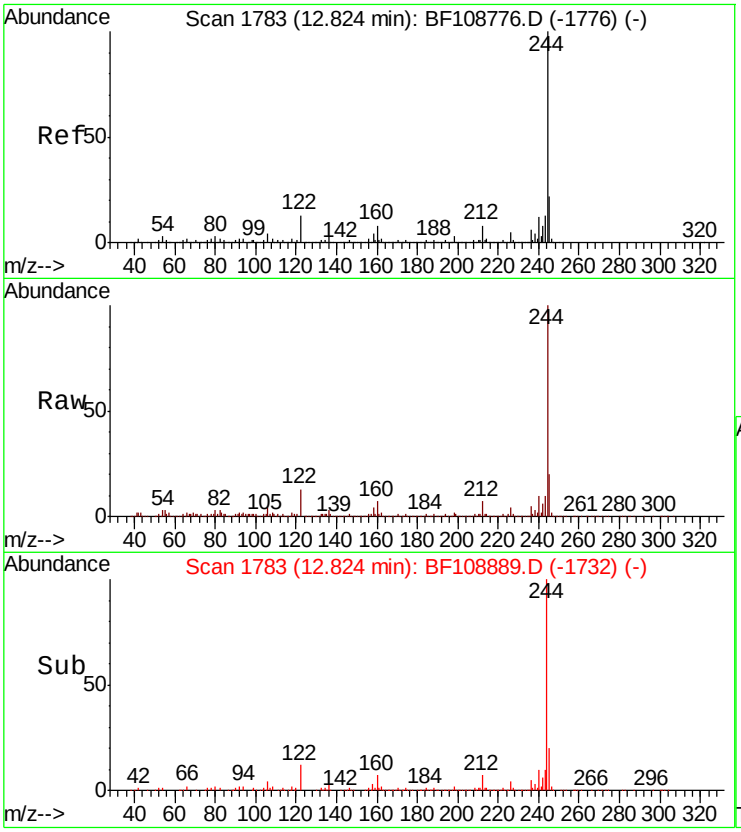


#77
Pyrene
Concen: 2.240 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:202 Resp: 87791

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.5	14.3	21.5



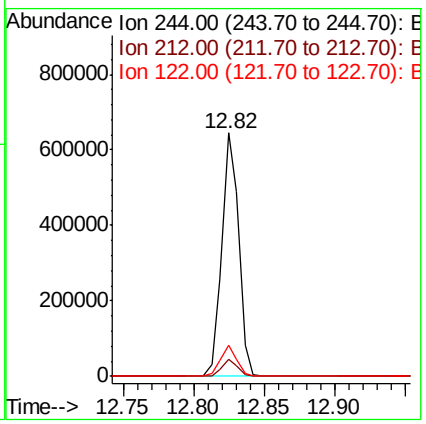


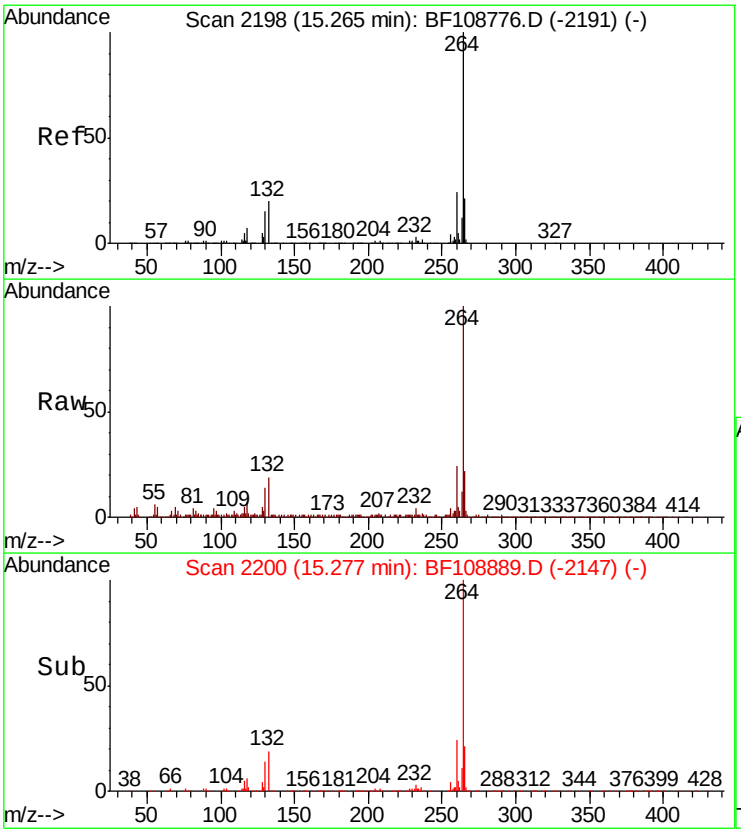
#78
Terphenyl-d14
Concen: 24.483 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 534730

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4

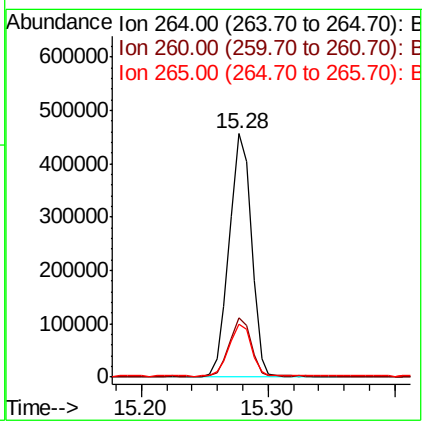


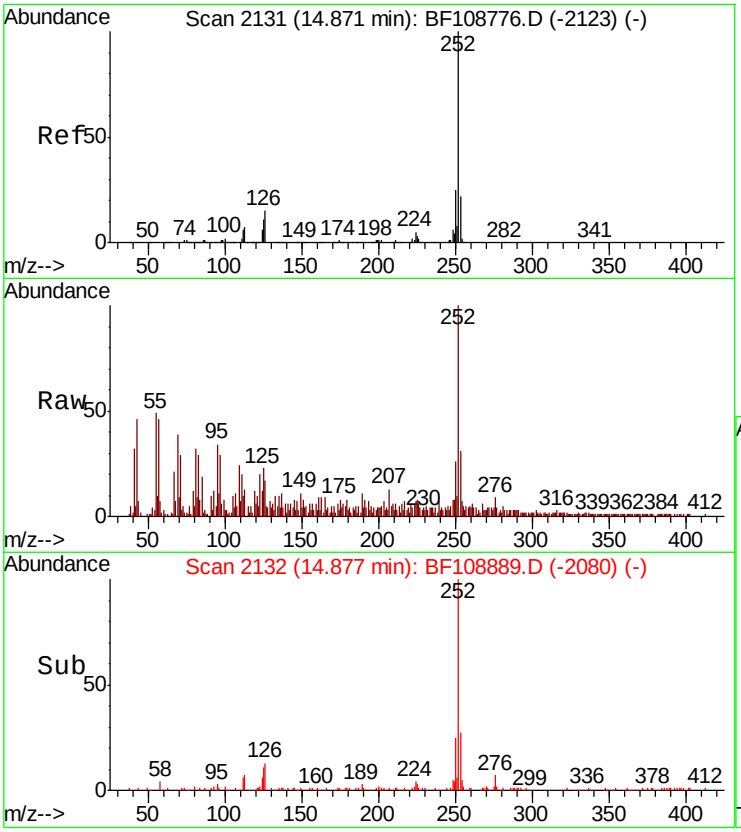


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:264 Resp: 548281

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3



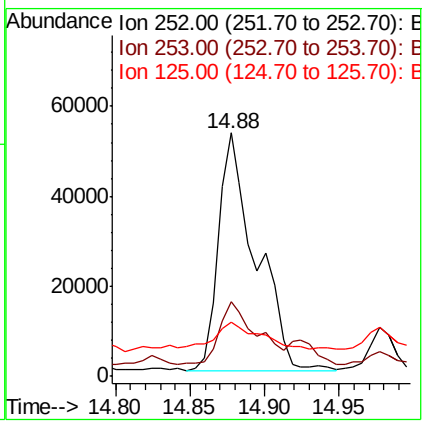


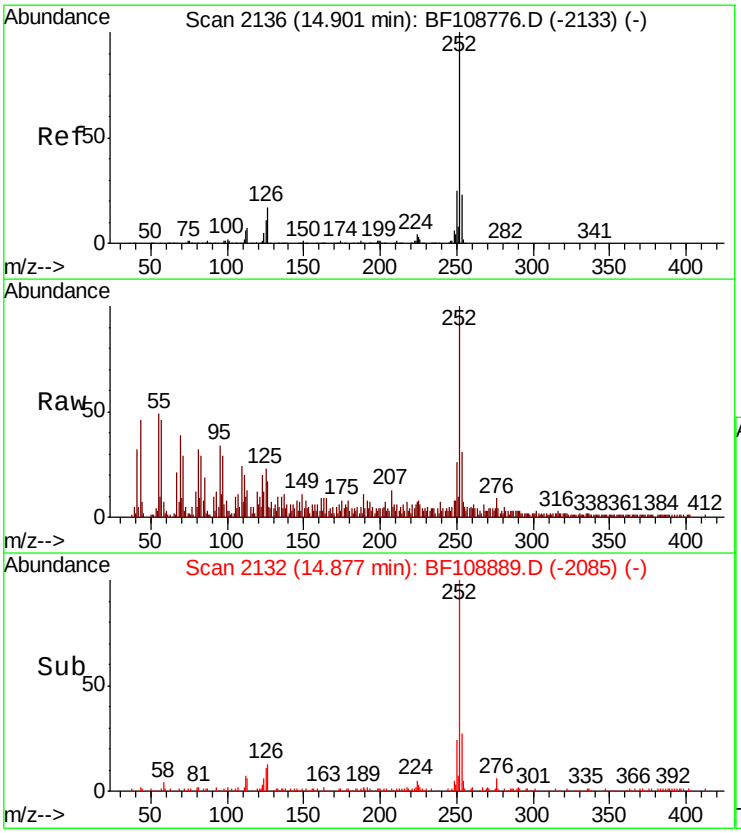
#87
Benzo(b)fluoranthene
Concen: 3.099 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 92398

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.0	25.6#
125	22.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.365 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108889.D
Acq: 10 Sep 2018 13:36

Tgt Ion:252 Resp: 92398

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.9	26.9#
125	22.5	10.2	15.2#