Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:37:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110375	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	431150	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	186962	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	290304	20.00	ng		0.00
75) Chrysene-d12	13.79	240	199137	20.00	ng		0.00
86) Perylene-d12	15.18	264	176747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	867037	116.14	ng		0.00
7) Phenol-d6	6.29	99	1064899	112.35	ng		0.00
23) Nitrobenzene-d5	7.20	82	651233	84.21	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	164649	131.95	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1003090	90.94	ng		0.00
78) Terphenyl-d14	12.73	244	645075	69.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.30	94	23899	2.171	ng		84
19) n-Nitroso-di-n-propylamine	7.20	70	89780	15.059	ng	#	81
25) Isophorone	7.20	82	651229	41.619	ng	#	67
32) Benzoic acid	7.74	122	1507	8.246	ng	#	90
49) Dimethylphthalate	9.39	163	145762	10.072	ng		98
56) 2,4-Dinitrotoluene	9.67	165	24216	6.700	ng	#	35
64) 4,6-Dinitro-2-methylphenol	10.46	198	488	5.210	ng	#	1
66) 4-Bromophenyl-phenylether	10.46	248	13144	4.771	ng	#	1
87) Benzo(b)fluoranthene	14.79	252	22690	2.042	ng	#	85
88) Benzo(k)fluoranthene	14.79	252	22690	2.187	ng	#	89

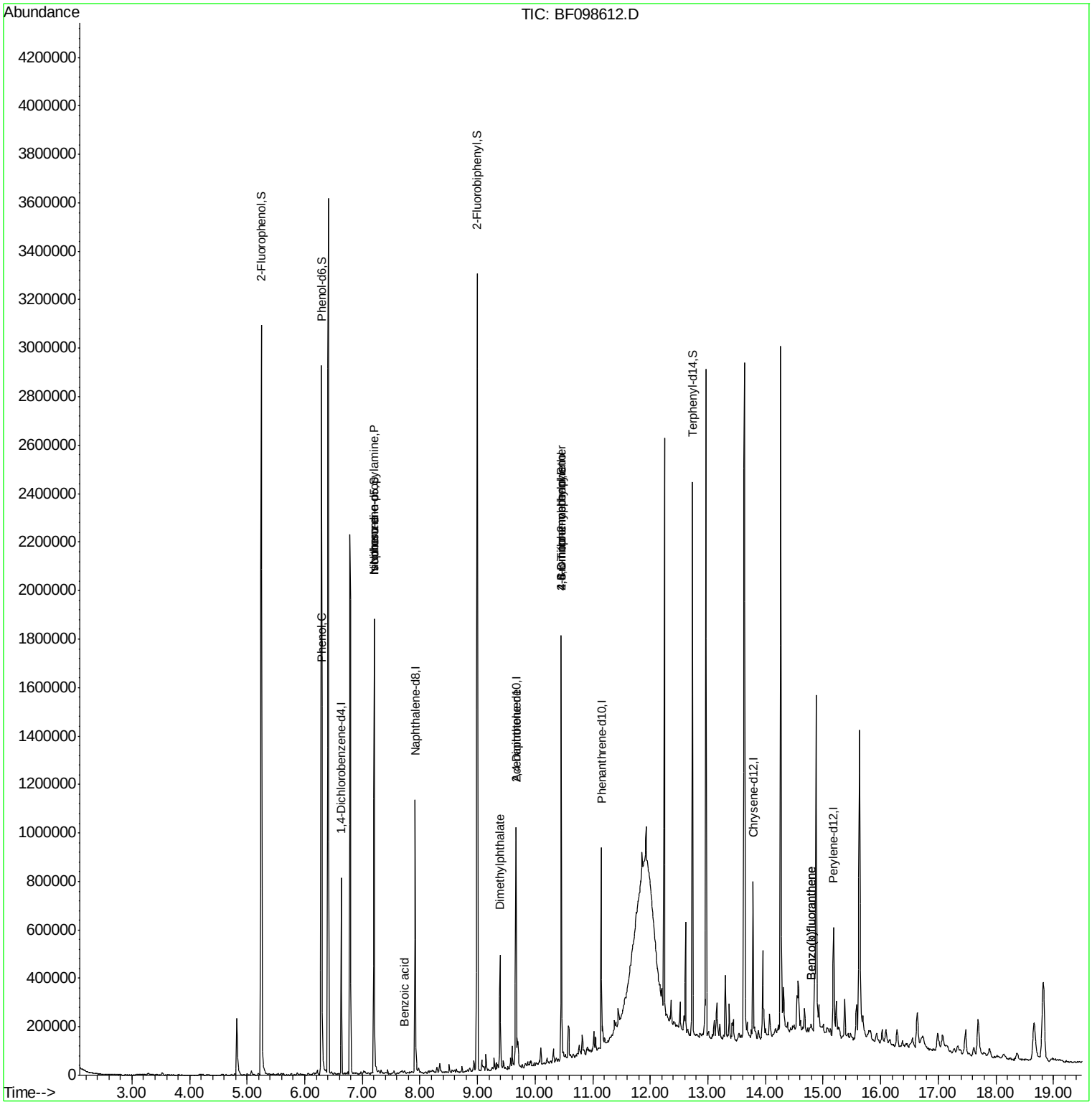
(#) = qualifier out of range (m) = manual integration (+) = signals summed

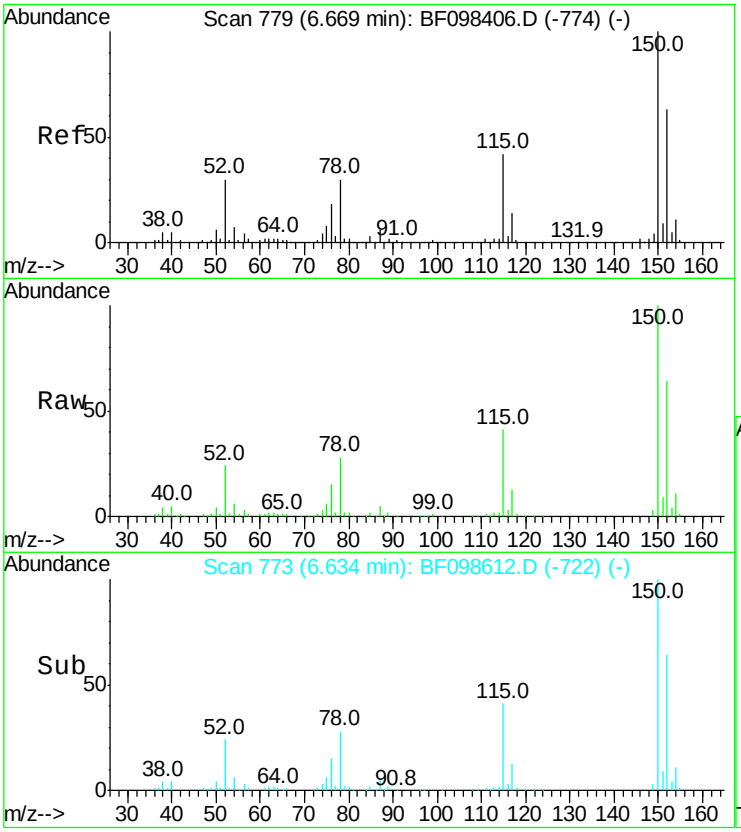
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098612.D
Acq On : 18 Sep 2017 19:59
Operator : SJ/JU
Sample : I5265-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 05:37:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



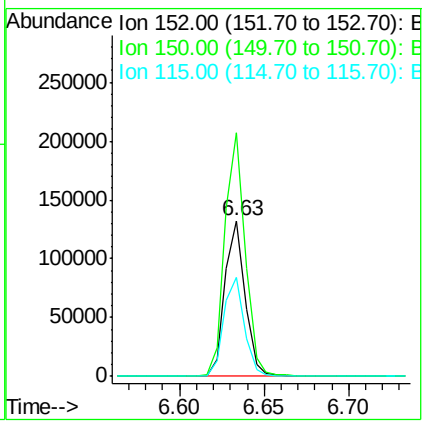


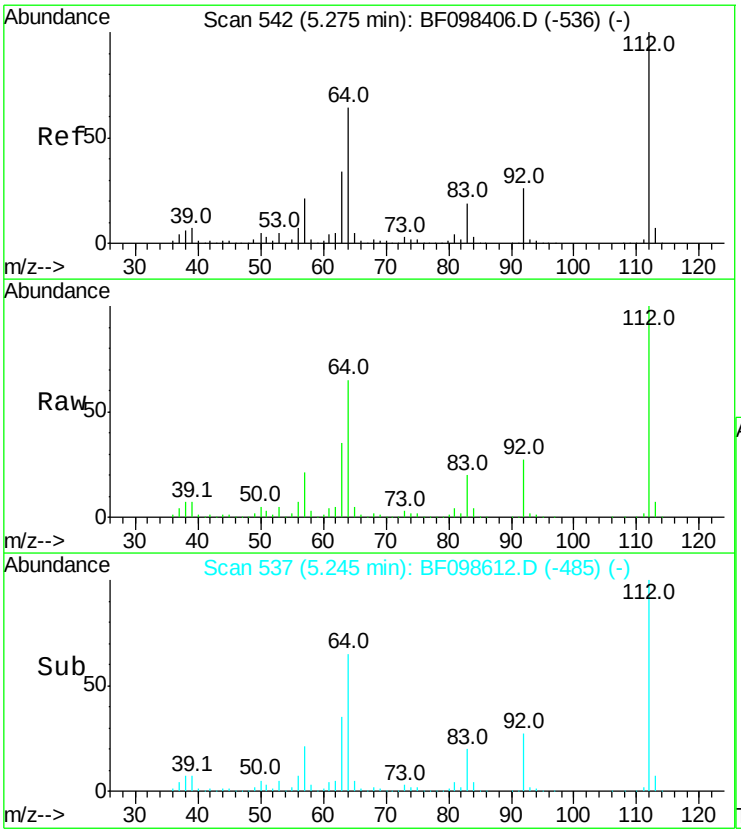
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 110375

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	63.7	52.2	78.2

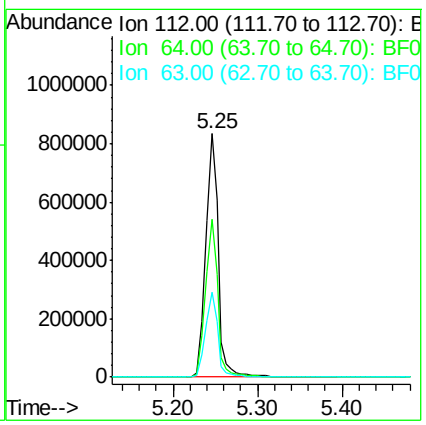


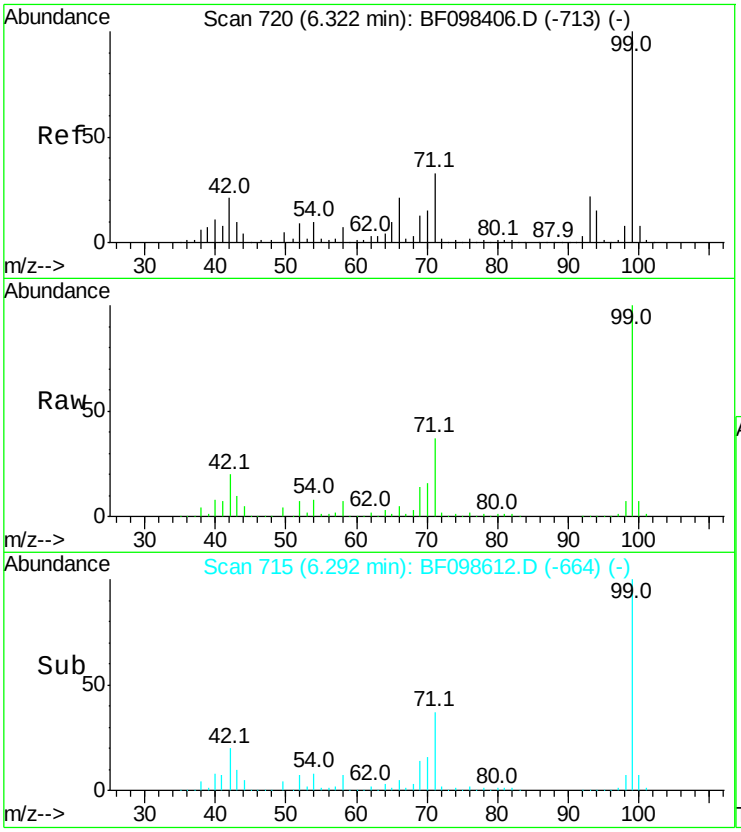


#5
2-Fluorophenol
Concen: 116.144 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:112 Resp: 867037

Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	34.6	23.4	35.0



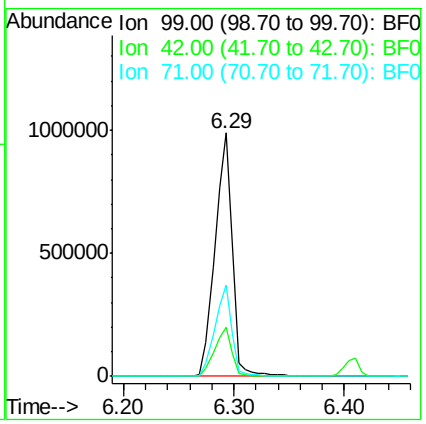


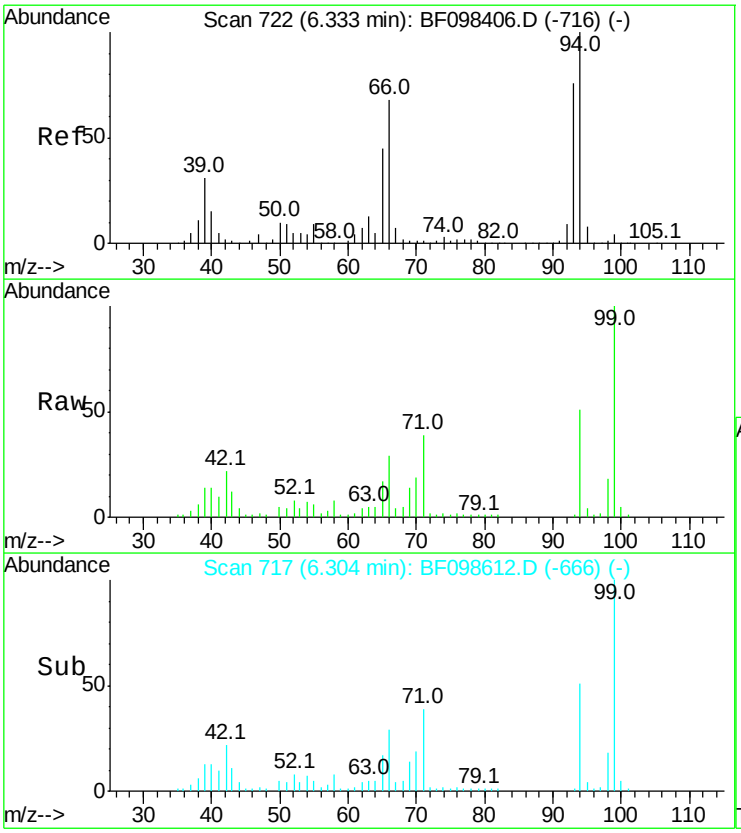
#7
Phenol-d6
Concen: 112.351 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1064899

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.5	20.3
71	37.5	24.5	36.7#

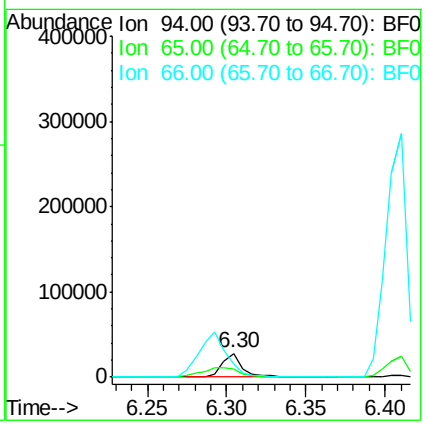


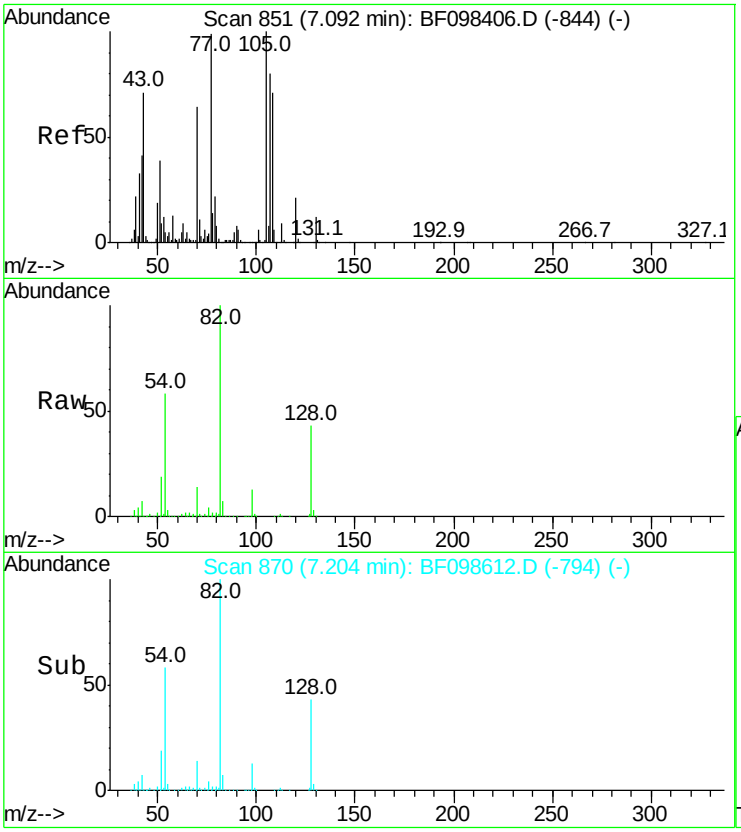


#10
Phenol
Concen: 2.171 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion: 94 Resp: 23899

Ion	Ratio	Lower	Upper
94	100		
65	34.0	9.9	49.9
66	57.0	23.1	63.1



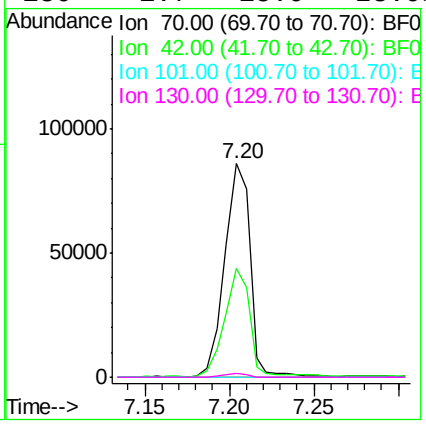


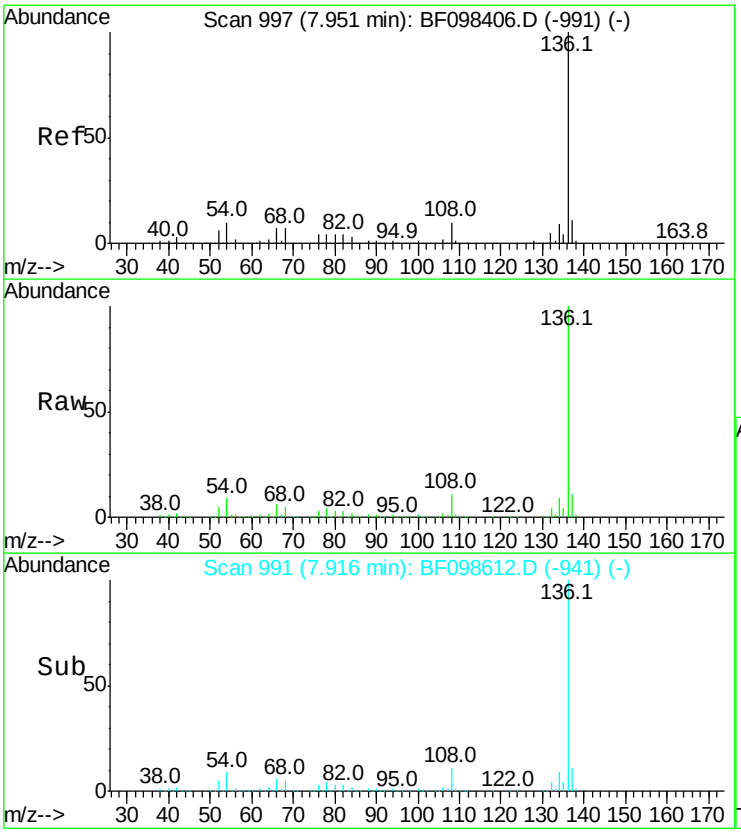
#19
n-Nitroso-di-n-propylamine
Concen: 15.059 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89780

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.2	70.8
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#

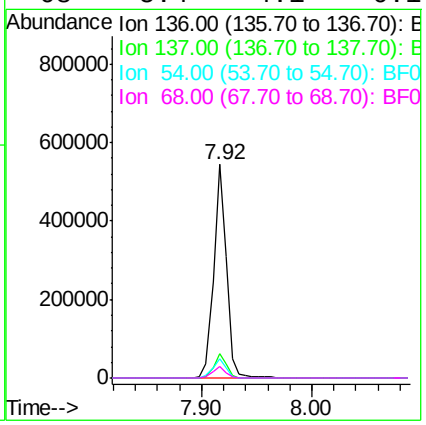


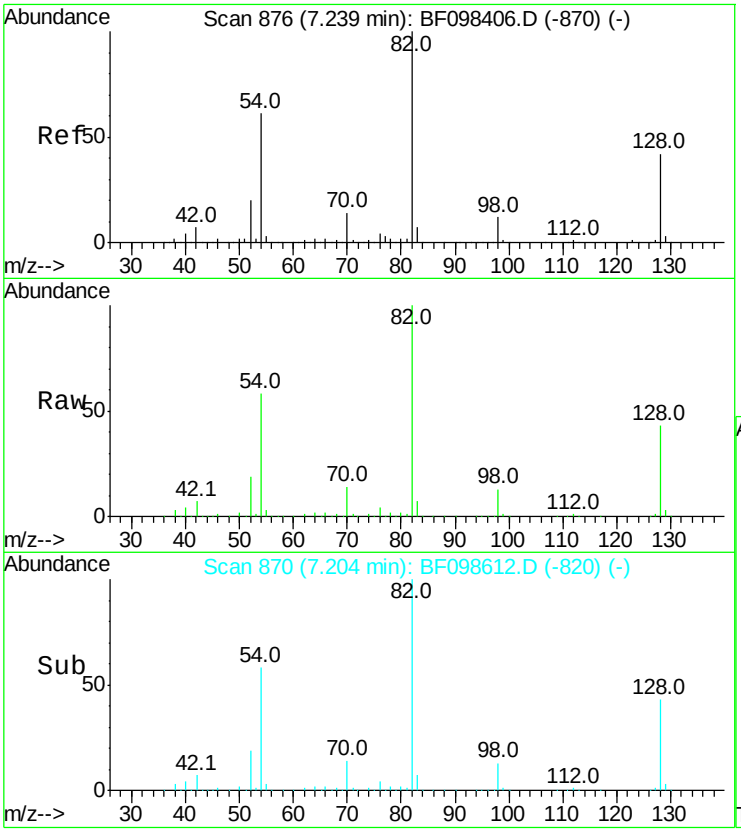


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:136 Resp: 431150

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	9.3	4.9	7.3#
68	5.4	4.1	6.1



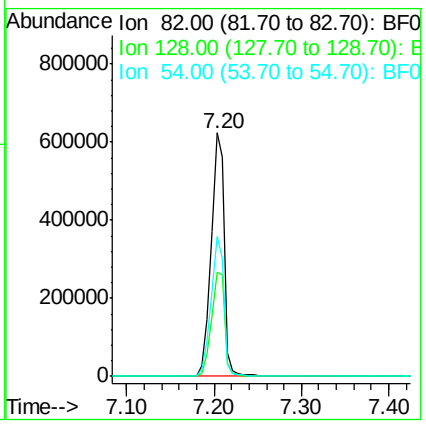


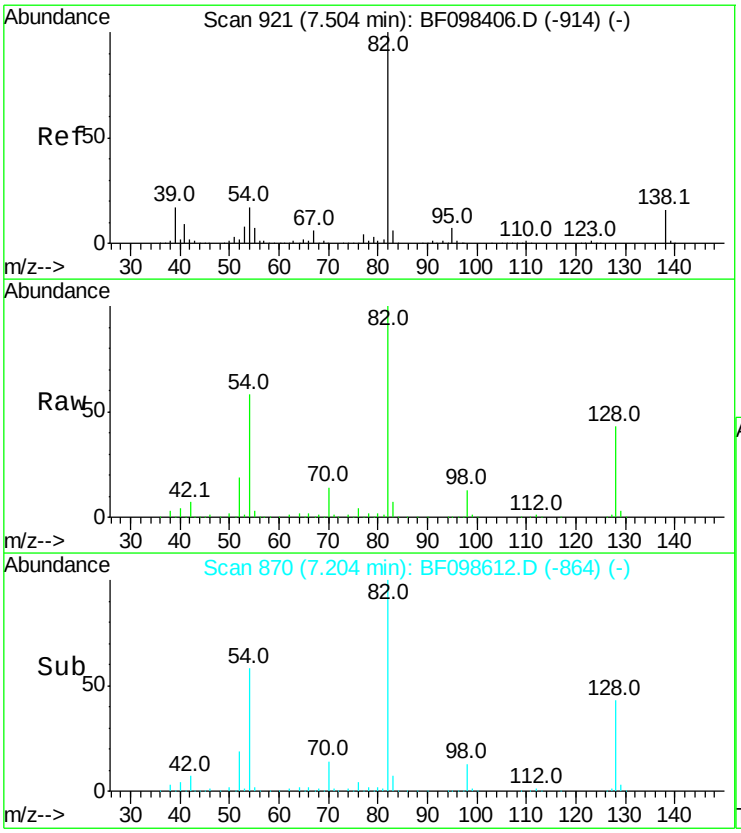
#23
Nitrobenzene-d5
Concen: 84.207 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 651233

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	57.6	42.2	63.2

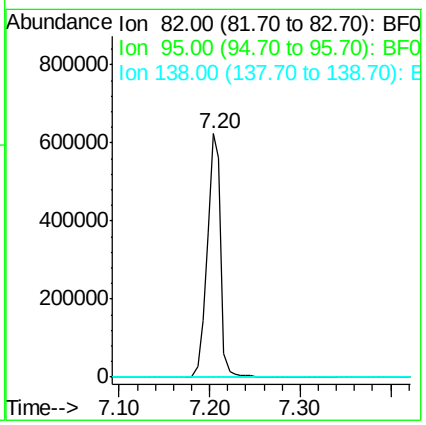


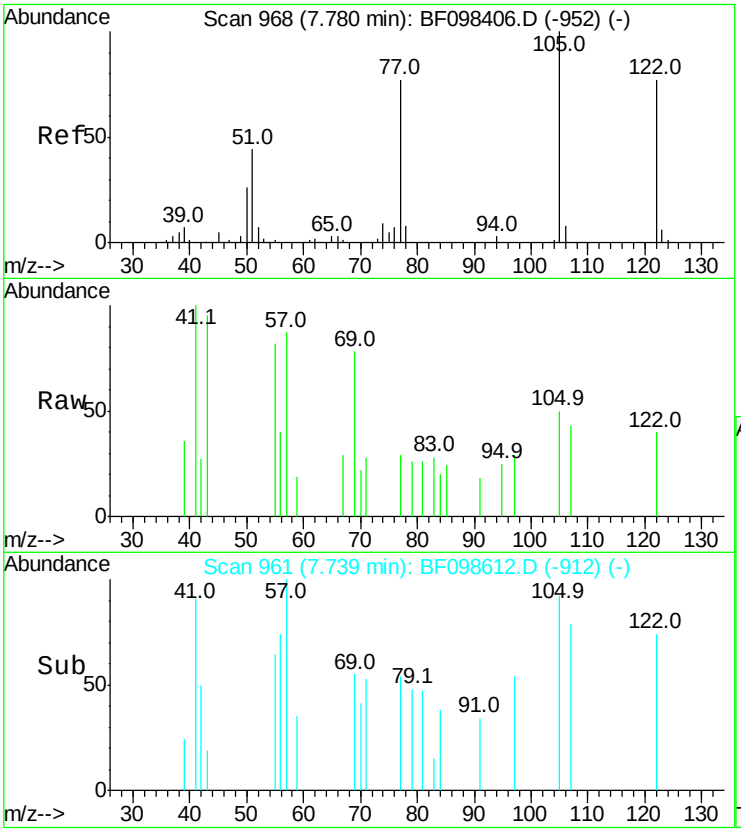


#25
Isophorone
Concen: 41.619 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion: 82 Resp: 651229

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



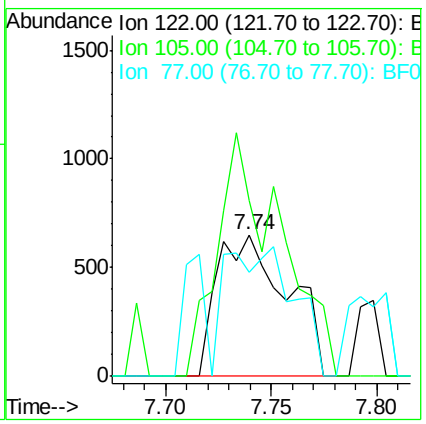


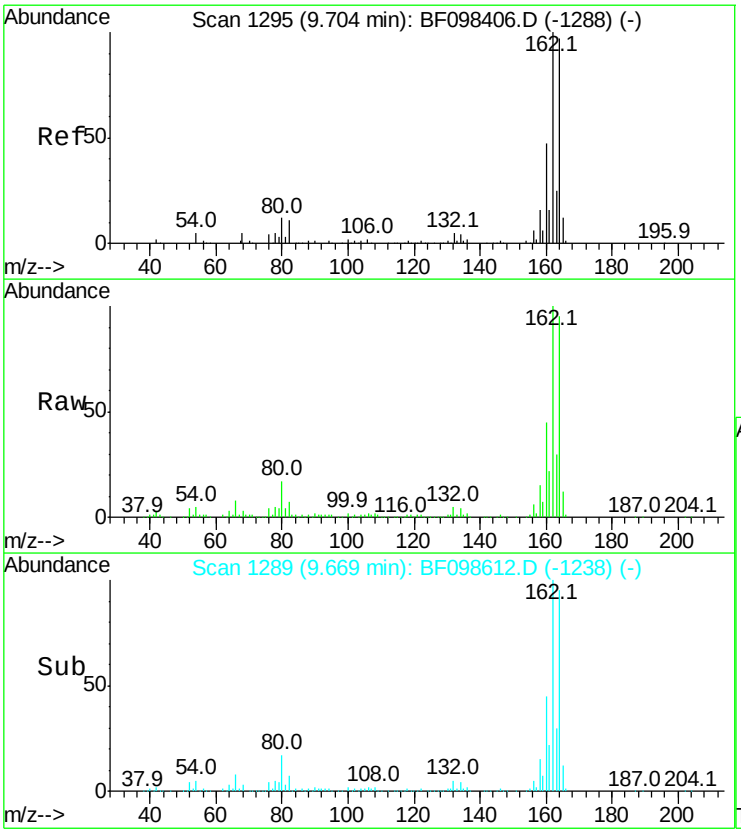
#32
Benzoic acid
Concen: 8.246 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1507

Ion	Ratio	Lower	Upper
122	100		
105	124.6	103.3	143.3
77	73.4	73.7	113.7#

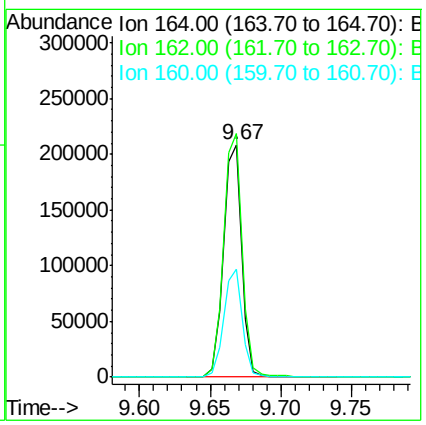


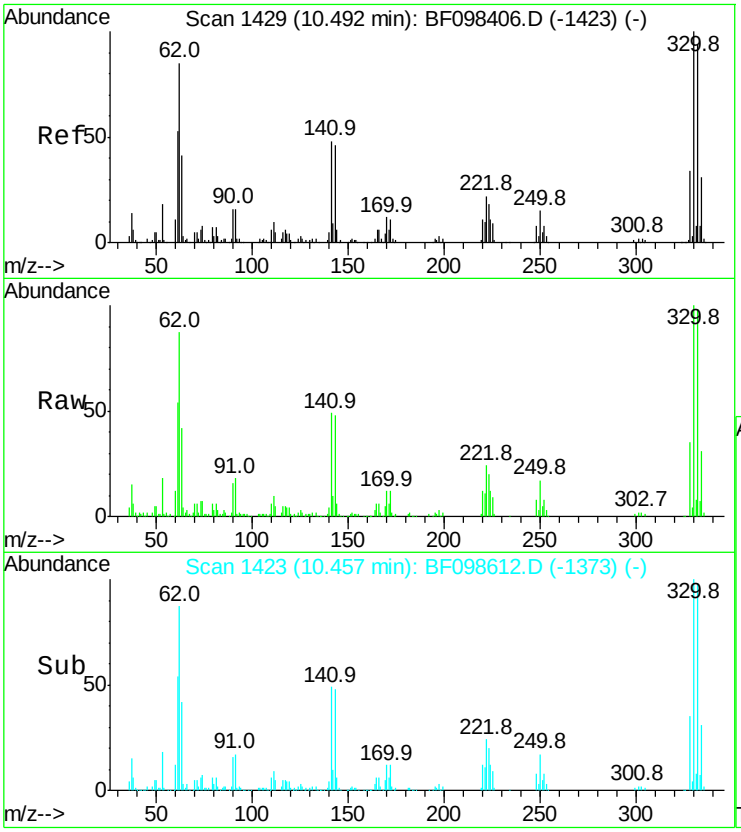


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:164 Resp: 186962

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	46.7	36.2	54.2



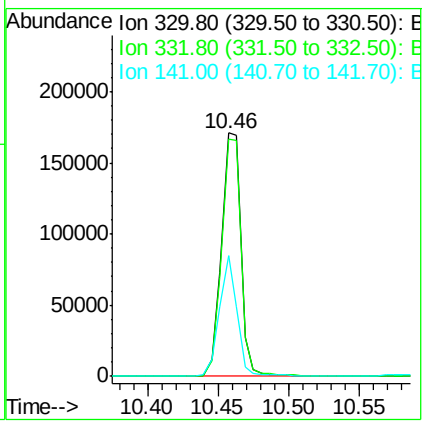


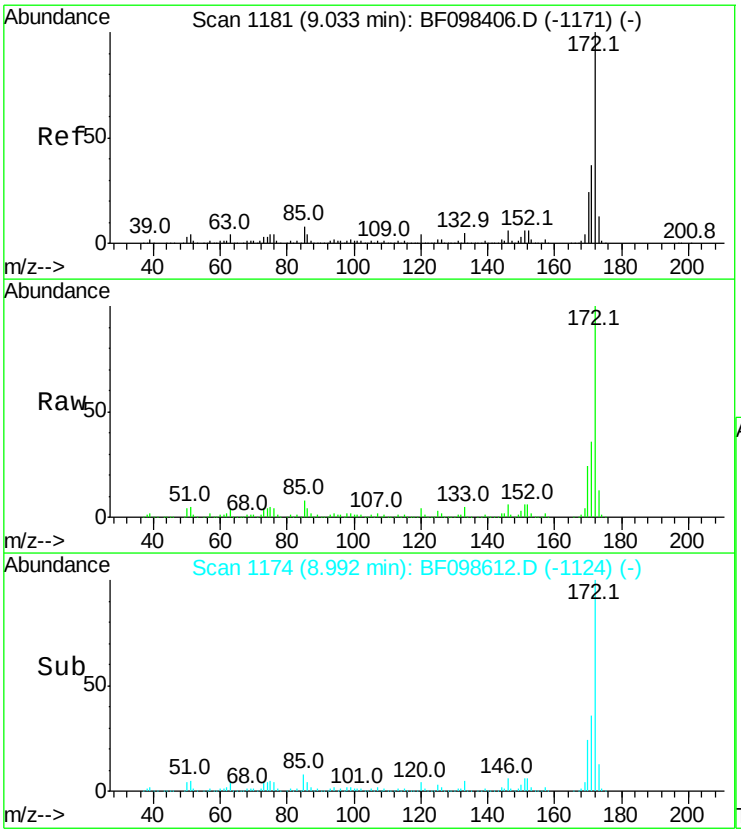
#41
2,4,6-Tribromophenol
Concen: 131.949 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 164649

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	45.4	31.4	47.2

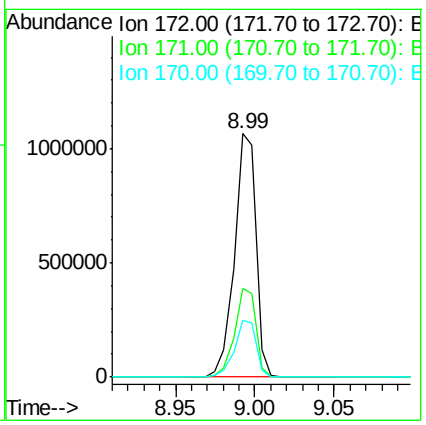


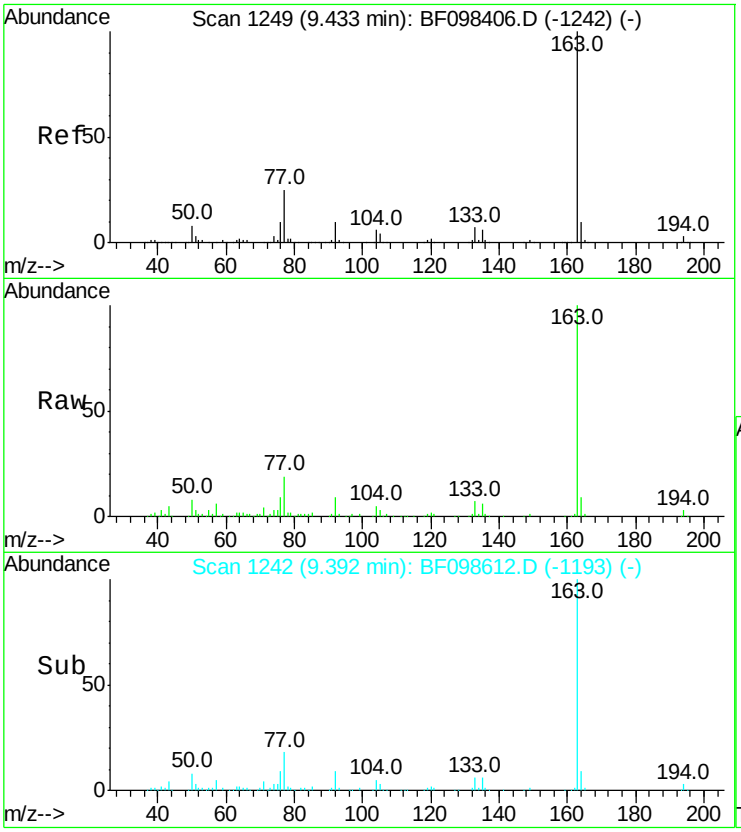


#44
2-Fluorobiphenyl
Concen: 90.936 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:172 Resp: 1003090

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.5	19.8	29.8



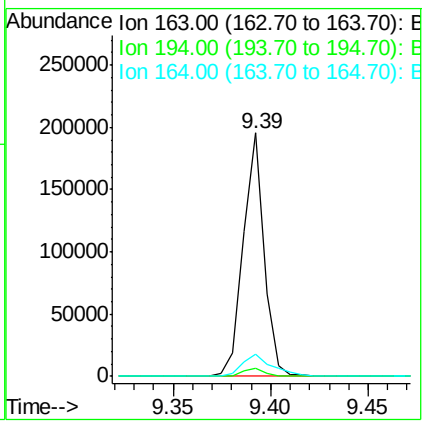


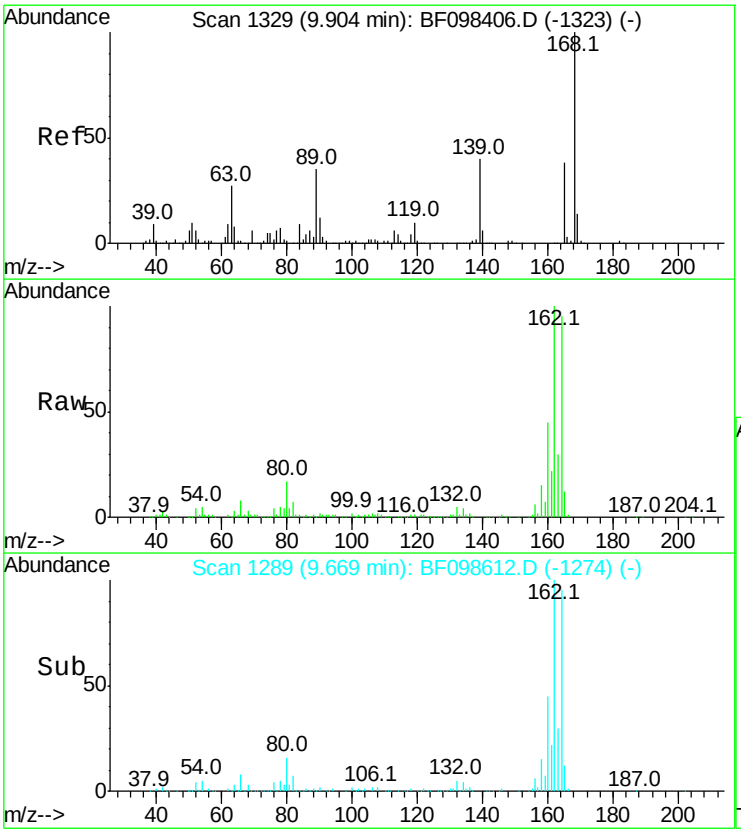
#49
Dimethylphthalate
Concen: 10.072 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 145762

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

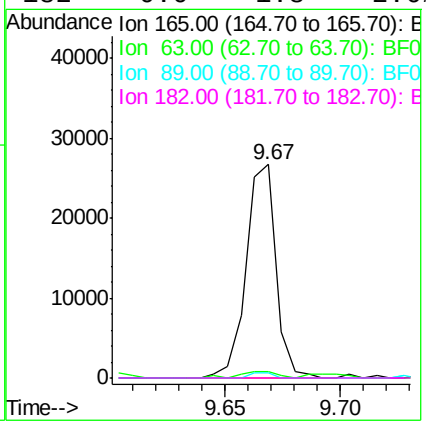


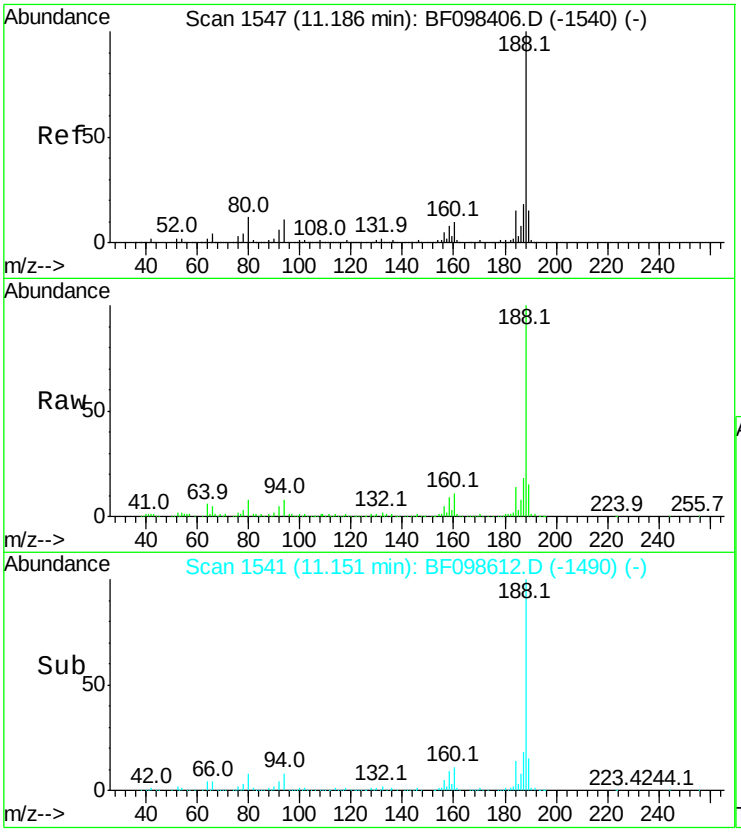


#56
2,4-Dinitrotoluene
Concen: 6.700 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:165 Resp: 24216

Ion	Ratio	Lower	Upper
165	100		
63	3.0	25.4	38.0#
89	2.5	46.4	69.6#
182	0.0	1.8	2.6#



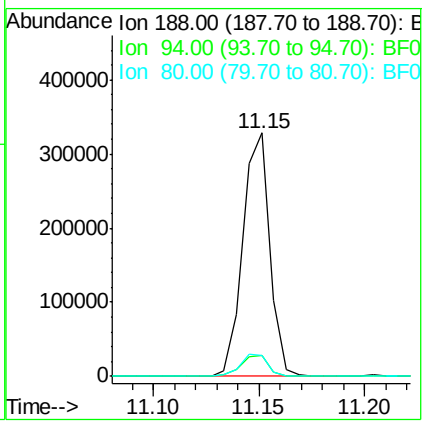


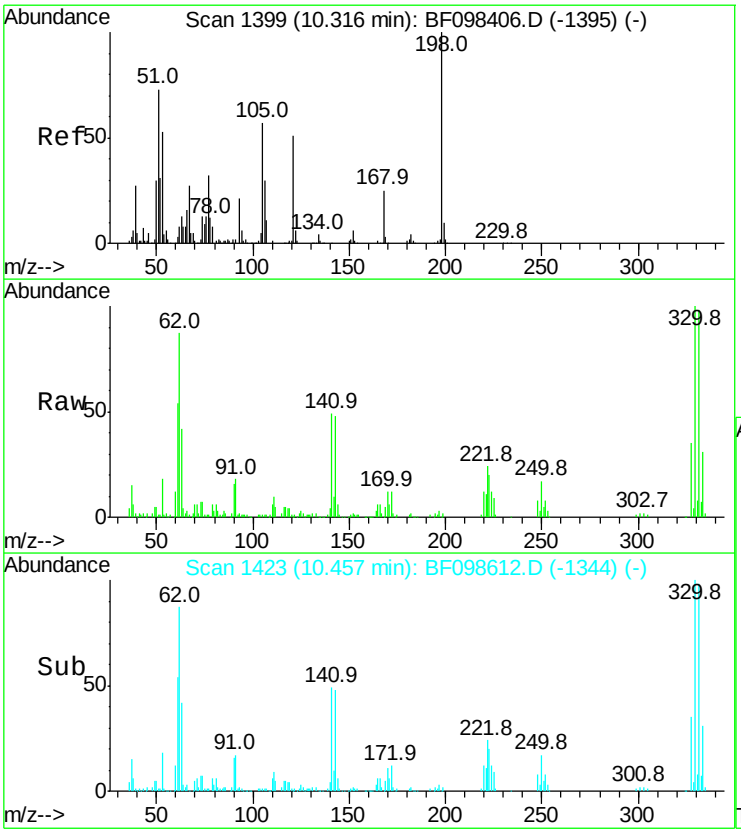
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 290304

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.4	14.2#
80	8.4	10.2	15.2#

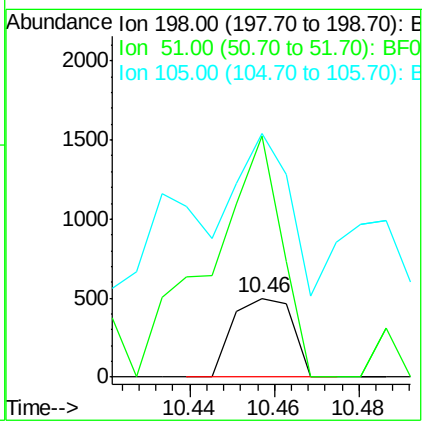


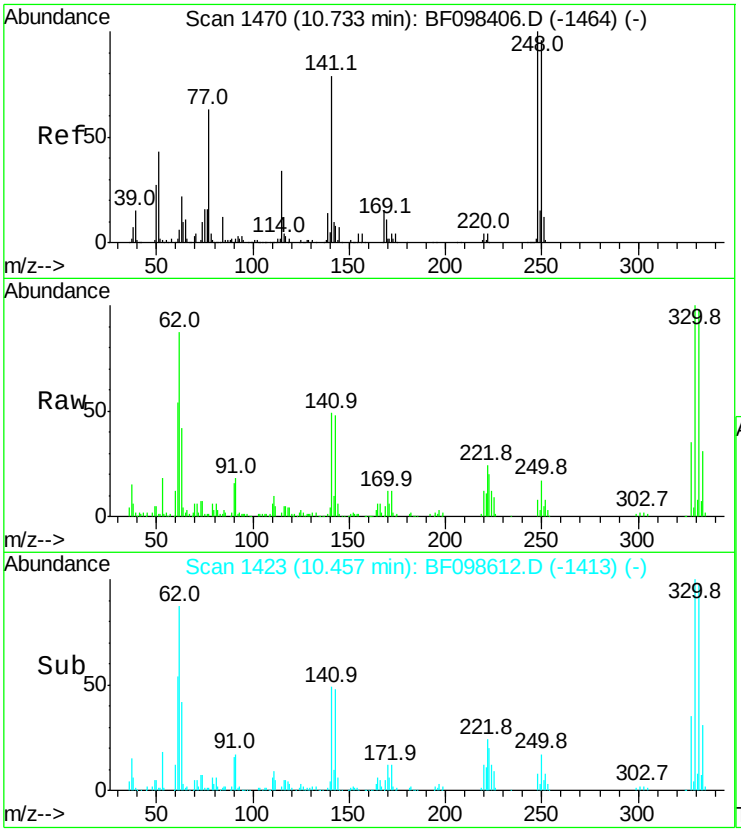


#64
4,6-Dinitro-2-methylphenol
Concen: 5.210 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:198 Resp: 488

Ion	Ratio	Lower	Upper
198	100		
51	305.2	53.2	93.2#
105	308.2	45.8	85.8#



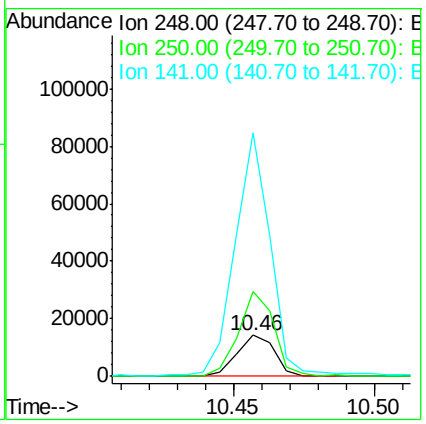


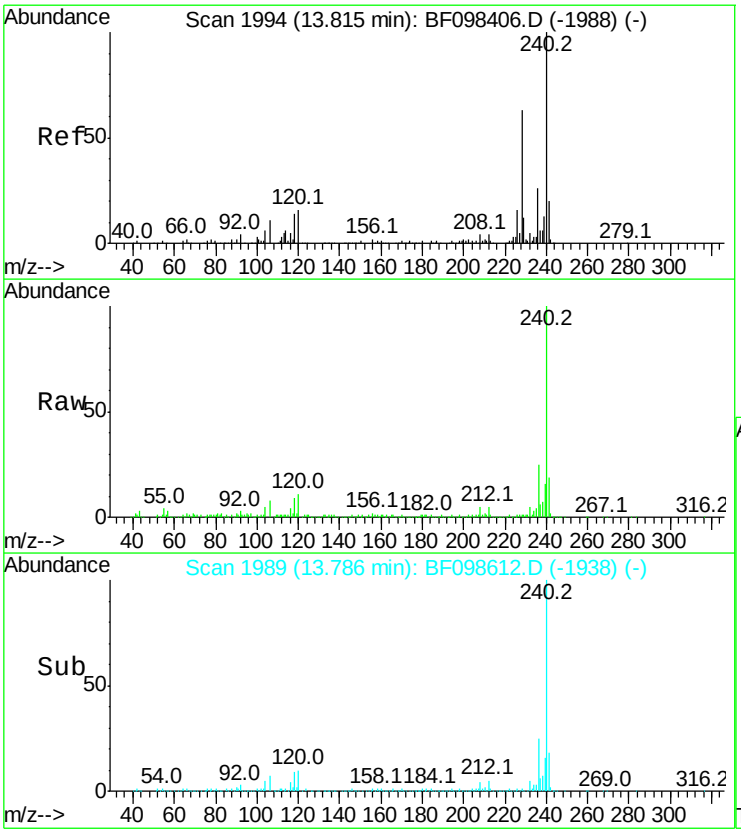
#66
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13144

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.8	115.2#
141	589.8	68.6	103.0#

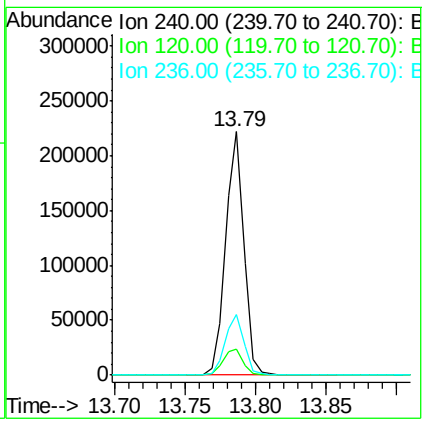


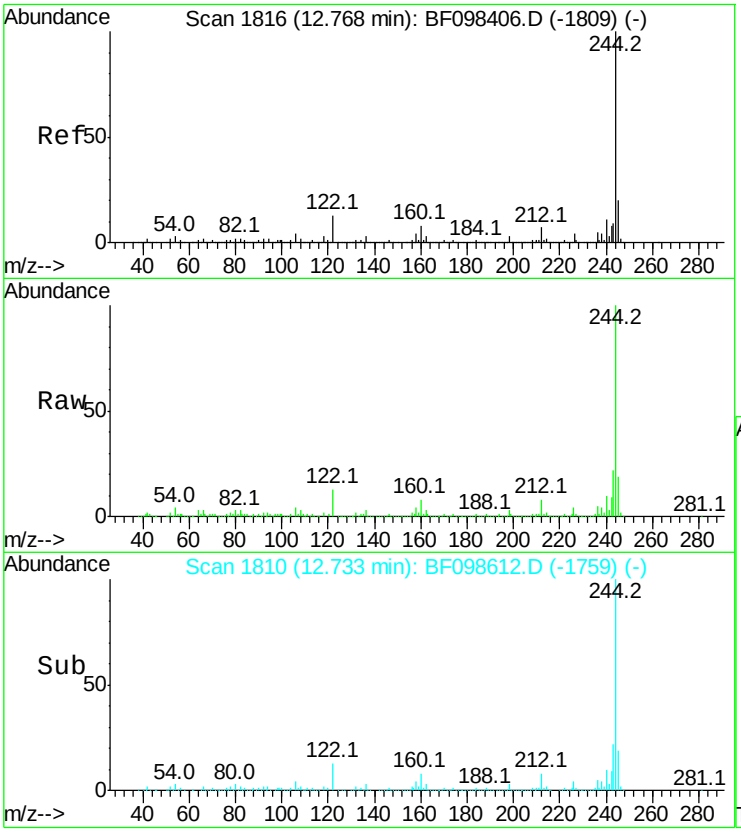


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:240 Resp: 199137

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.8	8.8#
236	25.0	20.5	30.7



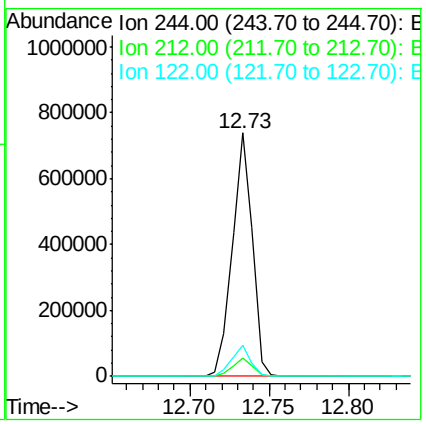


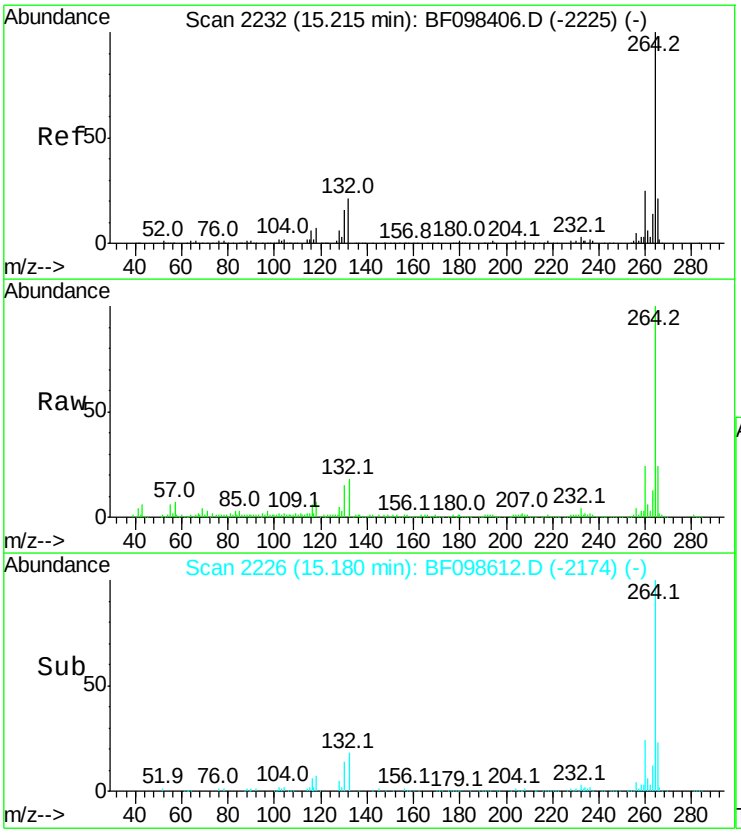
#78
Terphenyl-d14
Concen: 69.920 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 645075

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.8	10.3	15.5

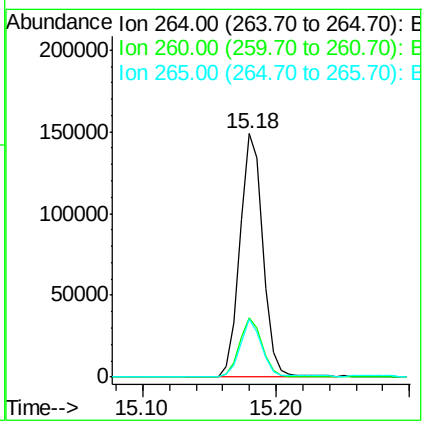


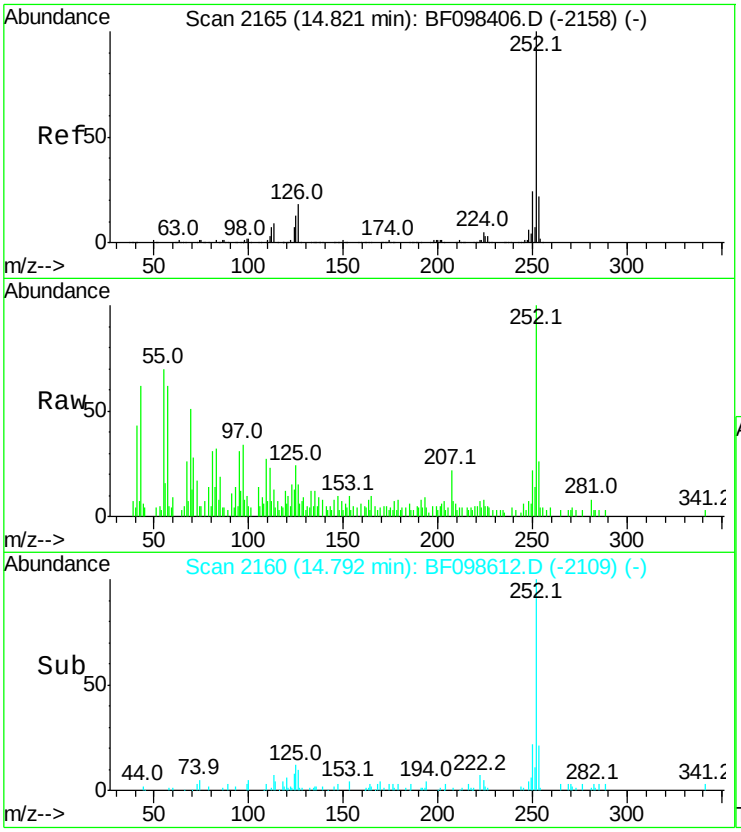


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:264 Resp: 176747

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.7	17.2	25.8



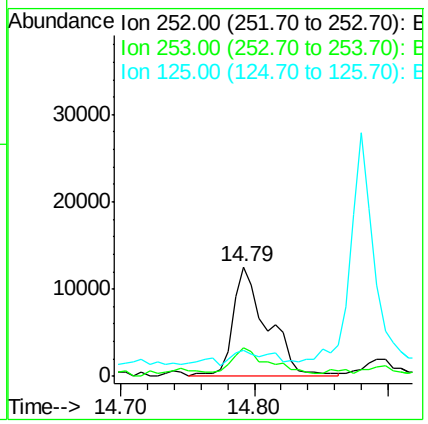


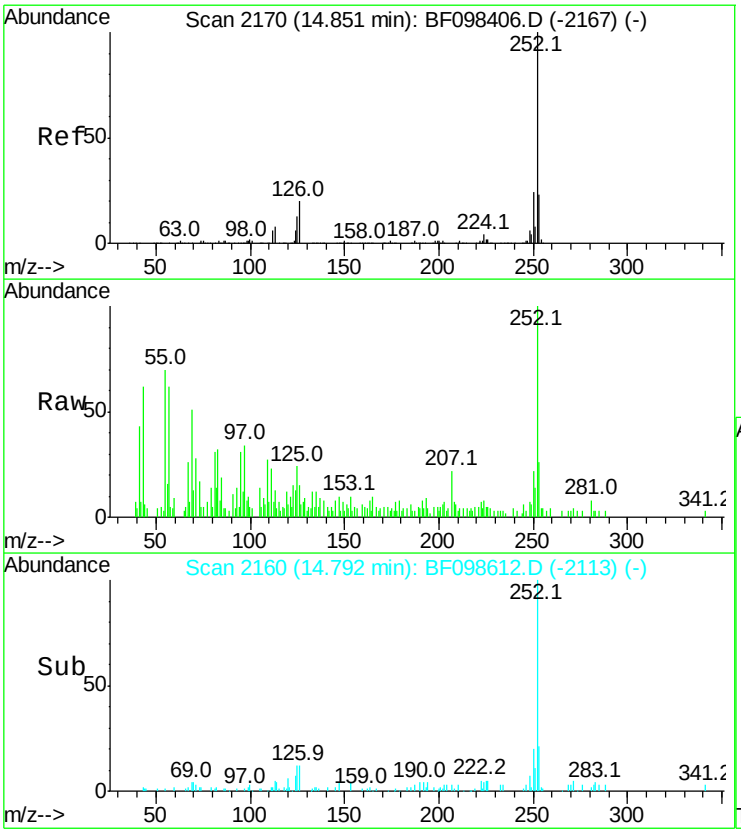
#87
Benzo(b)fluoranthene
Concen: 2.042 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22690

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	23.8	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.187 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:252 Resp: 22690

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	23.8	13.1	19.7#