Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G43A-1.5-3

Quant Time: Sep 08 01:55:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	115201	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	444219	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	187033	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	329562	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	265258	20.00	ng		-0.02
86) Perylene-d12	15.26	264	187759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	723861	95.58	ng		0.00
7) Phenol-d6	6.34	99	980764	95.31	ng		-0.01
23) Nitrobenzene-d5	7.26	82	584133	71.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	164303	101.25	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	850034	66.77	ng		-0.02
78) Terphenyl-d14	12.80	244	631739	49.66	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	77097	10.944	ng	#	68
25) Isophorone	7.26	82	578498	34.023	ng	#	67
49) Dimethylphthalate	9.45	163	159095	11.637	ng		99
56) 2,4-Dinitrotoluene	9.73	165	23942	6.991	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.52	198	318	8.490	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	10759	3.144	ng	#	1
74) Fluoranthene	12.42	202	51973	2.835	ng		97
77) Pyrene	12.64	202	48679	2.244	ng		98
87) Benzo(b)fluoranthene	14.86	252	33425	2.824	ng	#	83
88) Benzo(k)fluoranthene	14.86	252	33425	3.006	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Quant Time: Sep 08 01:55:51 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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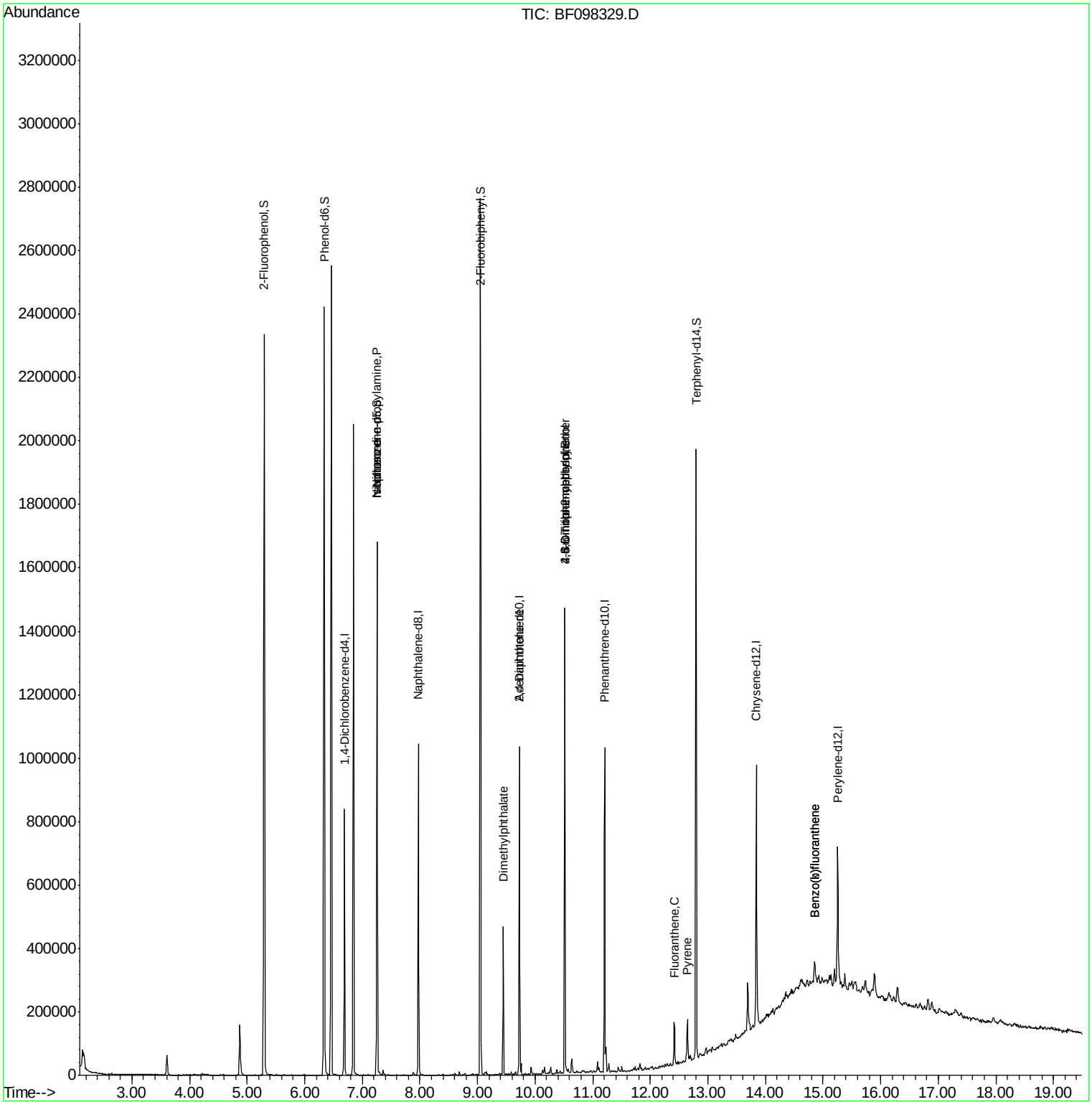
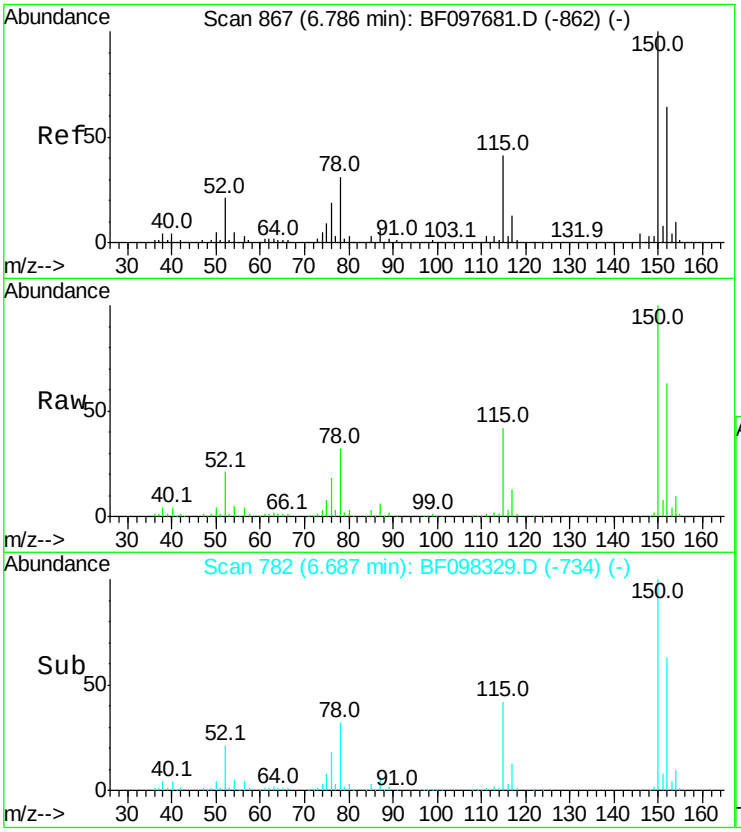


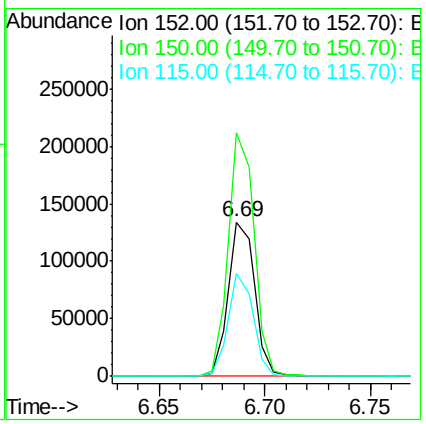


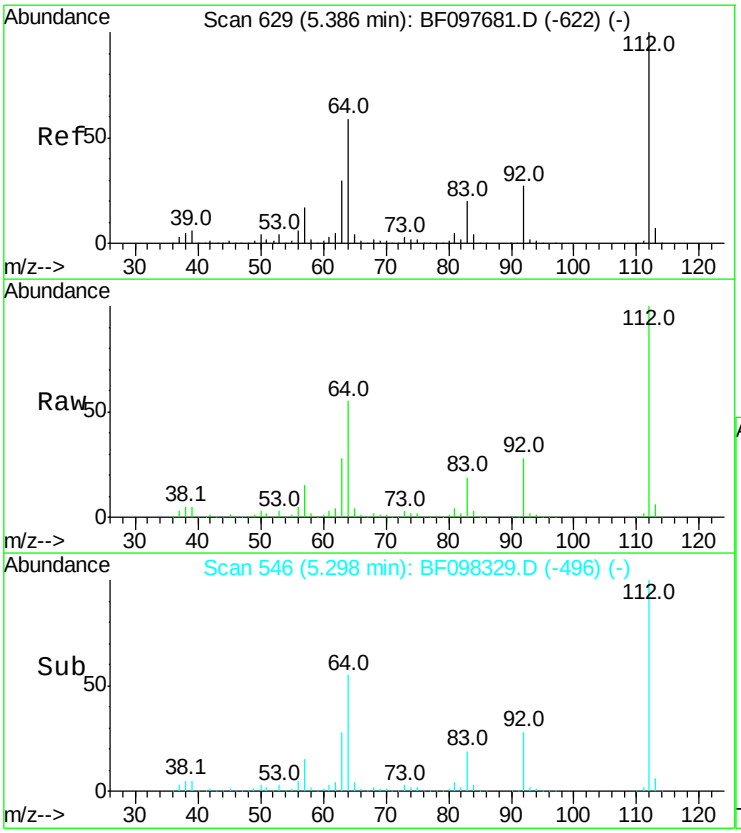
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:152 Resp: 115201

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	66.5	52.2	78.2

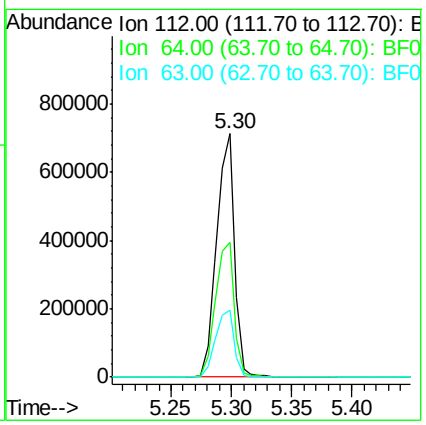


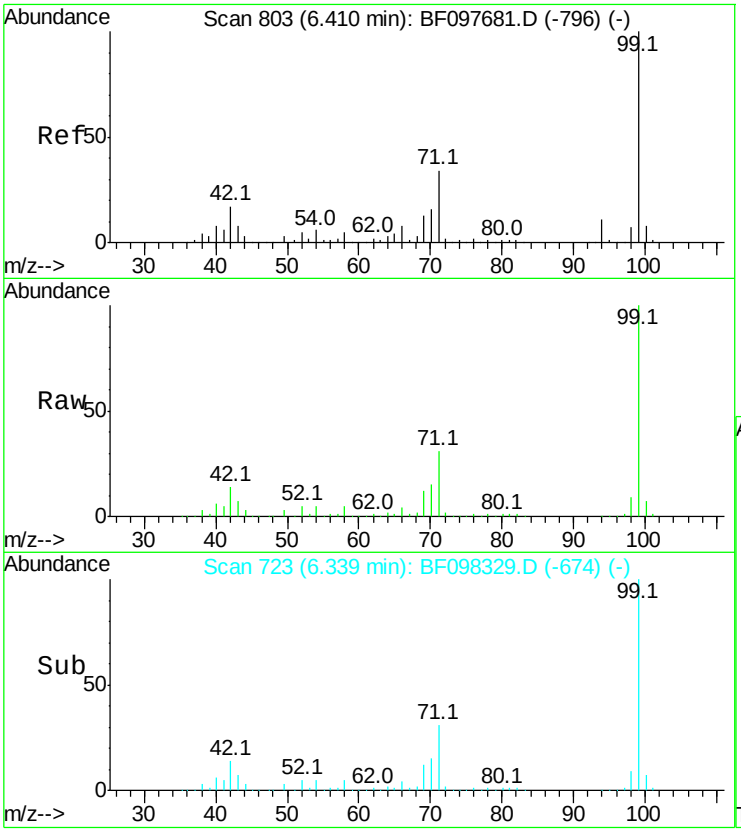


#5
2-Fluorophenol
Concen: 95.576 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:112 Resp: 723861

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.7	23.4	35.0



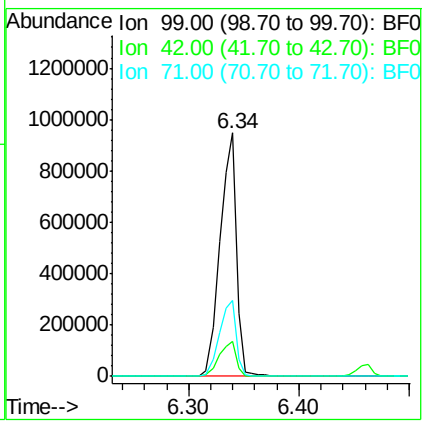


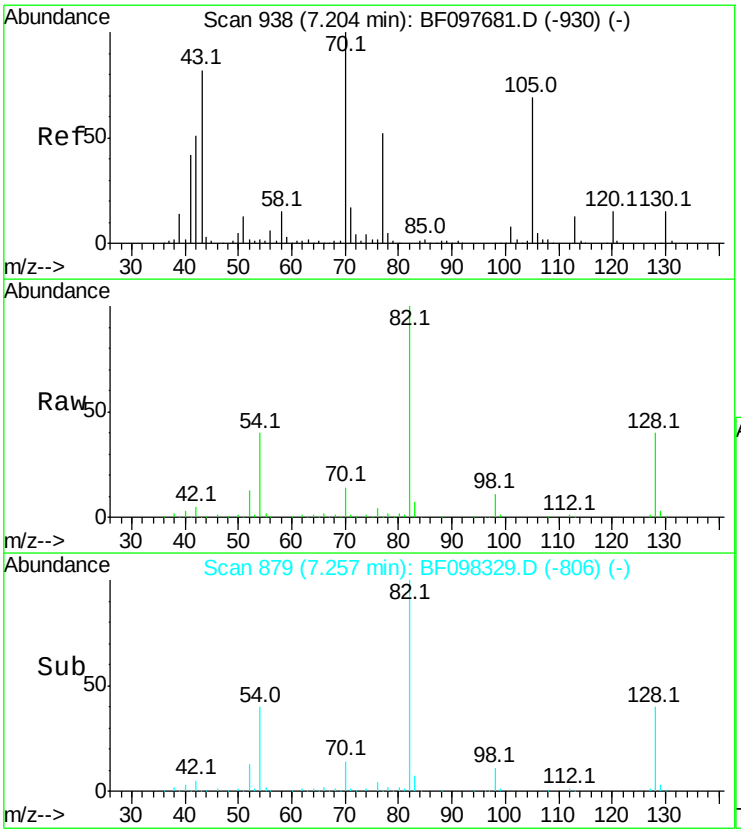
#7
Phenol-d6
Concen: 95.308 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion: 99 Resp: 980764

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.5	20.3
71	31.3	24.5	36.7

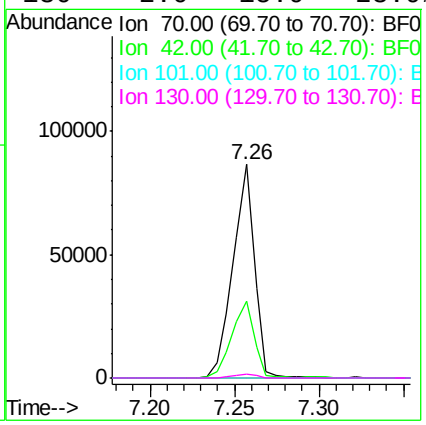


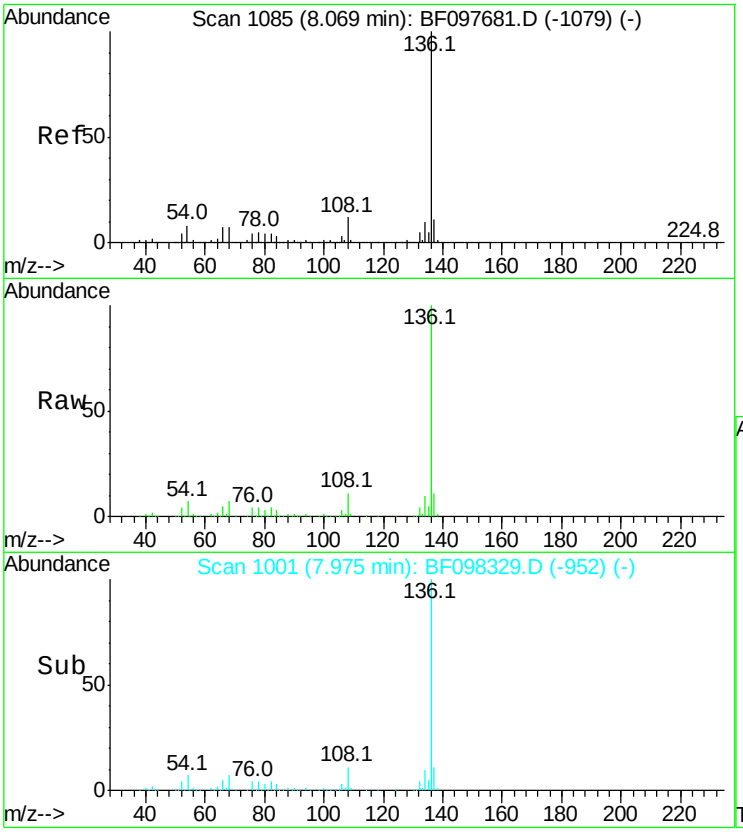


#19
n-Nitroso-di-n-propylamine
Concen: 10.944 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion: 70 Resp: 77097

Ion	Ratio	Lower	Upper
70	100		
42	36.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



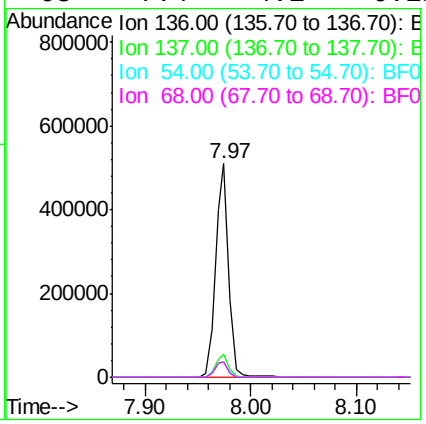


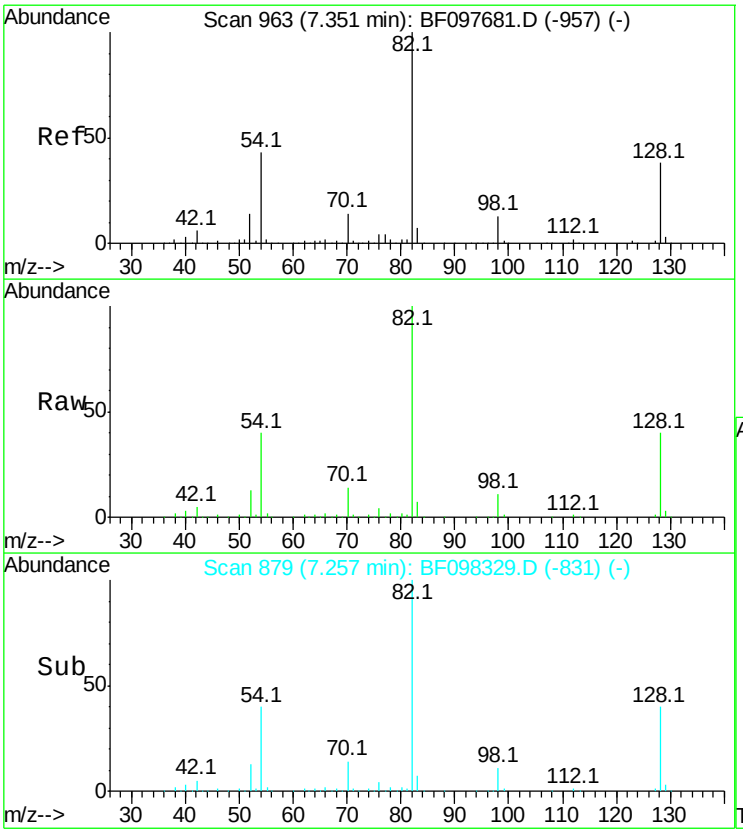
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:136 Resp: 444219

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	7.4	4.1	6.1#

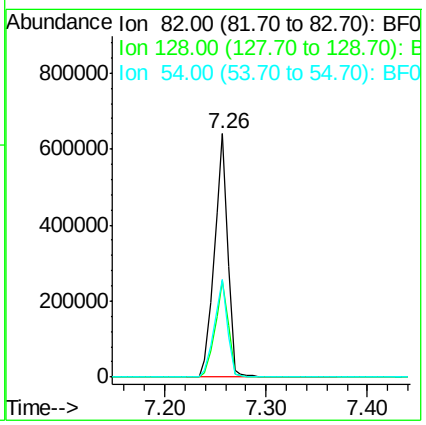


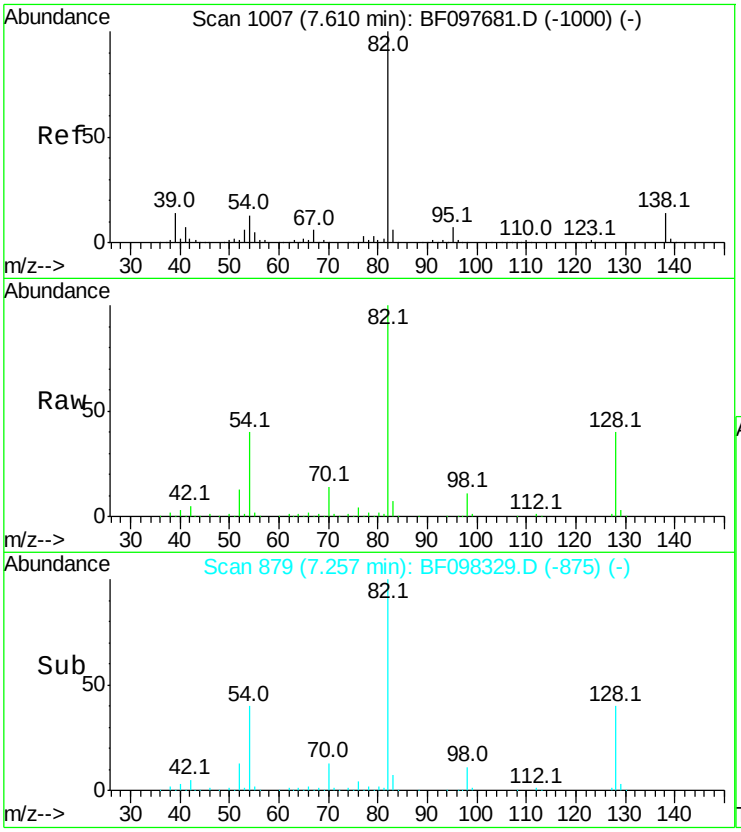


#23
Nitrobenzene-d5
Concen: 71.435 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion: 82 Resp: 584133

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	39.9	42.2	63.2#



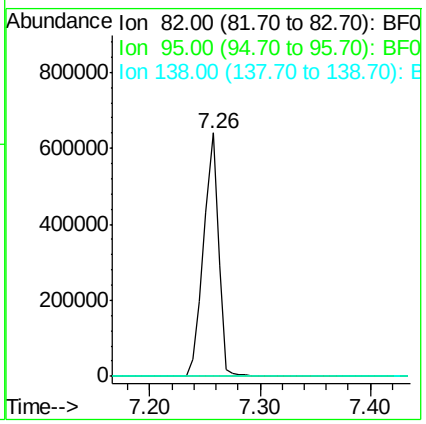


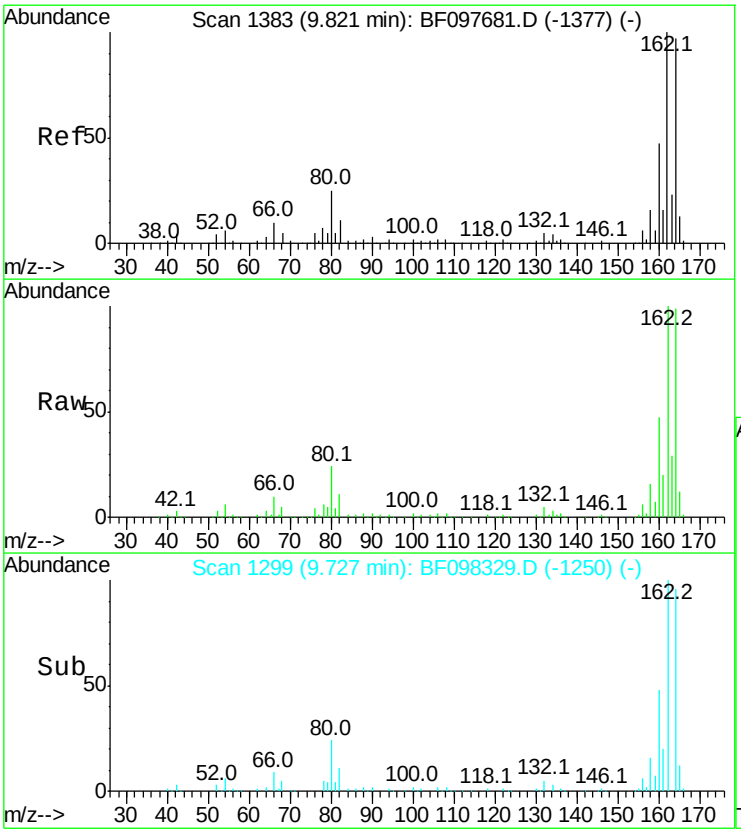
#25
Isophorone
Concen: 34.023 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion: 82 Resp: 578498

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

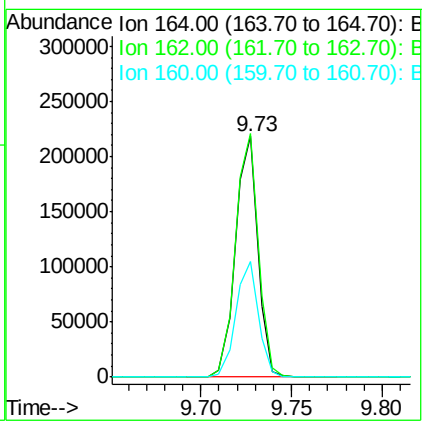


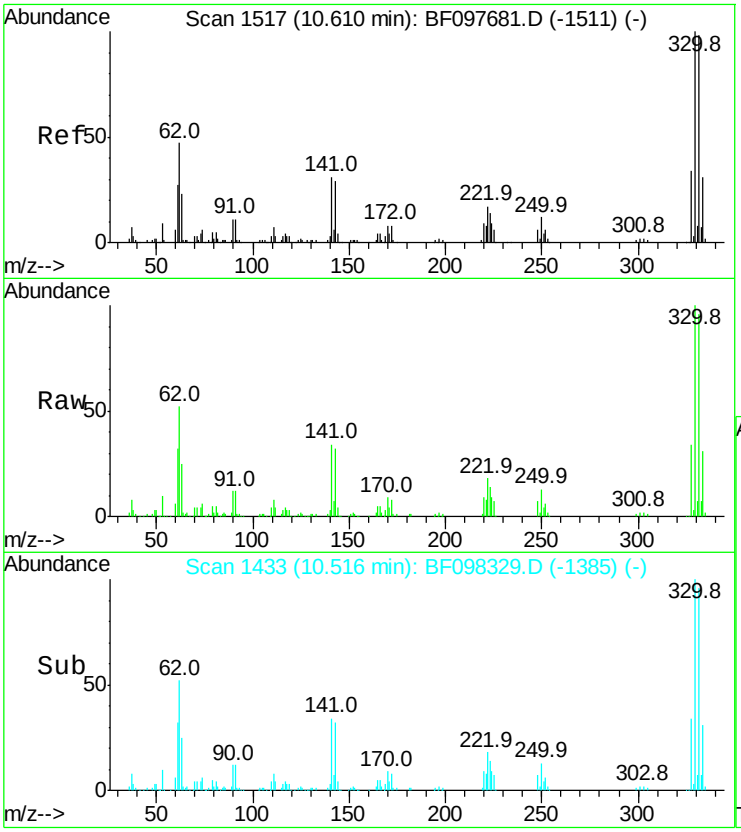


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:164 Resp: 187033

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	47.9	36.2	54.2



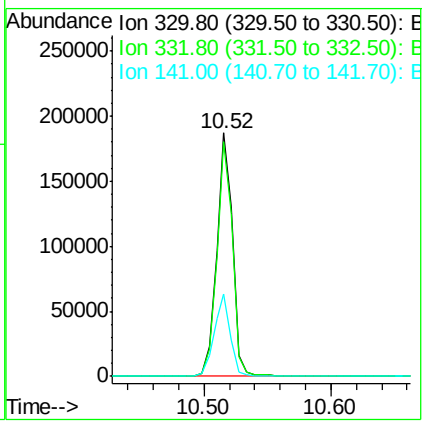


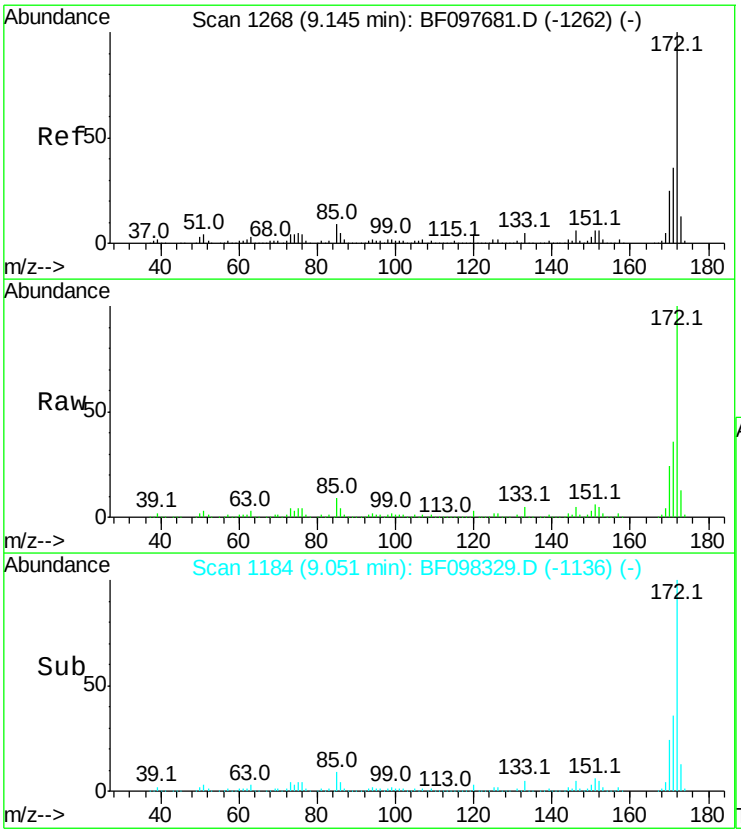
#41
2,4,6-Tribromophenol
Concen: 101.246 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:330 Resp: 164303

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	34.7	31.4	47.2

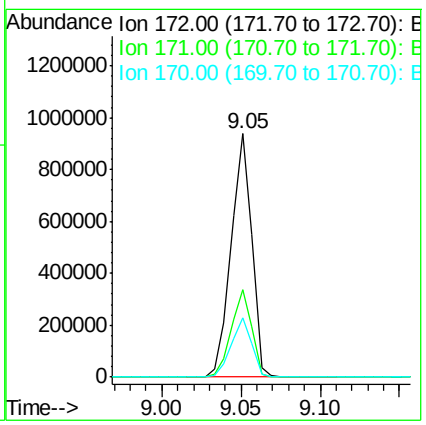


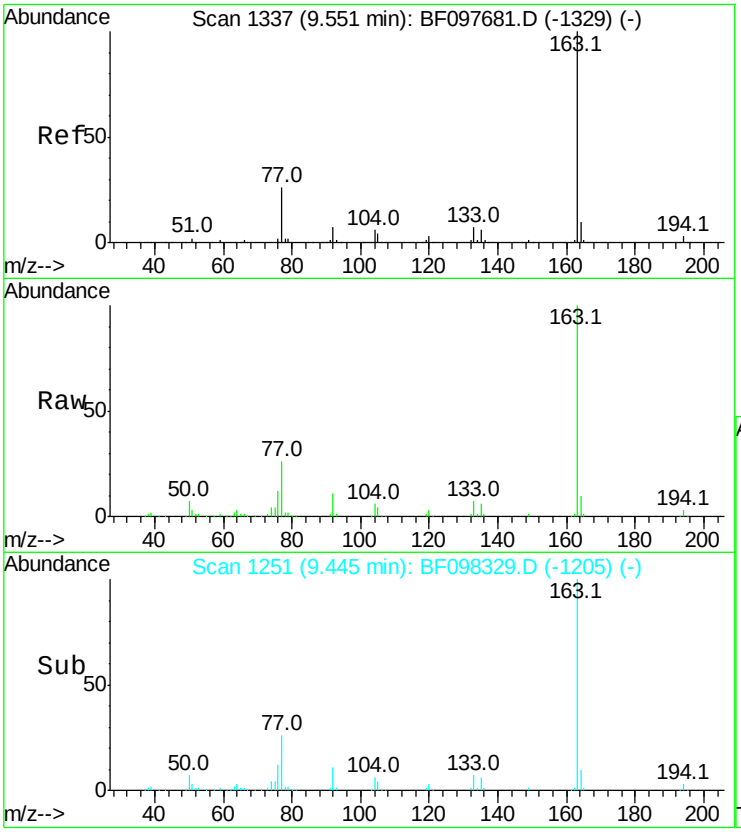


#44
2-Fluorobiphenyl
Concen: 66.773 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:172 Resp: 850034

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.4	19.8	29.8



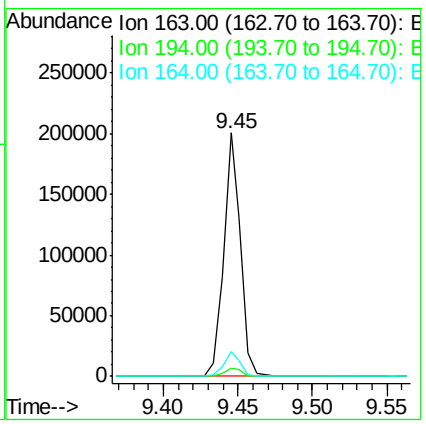


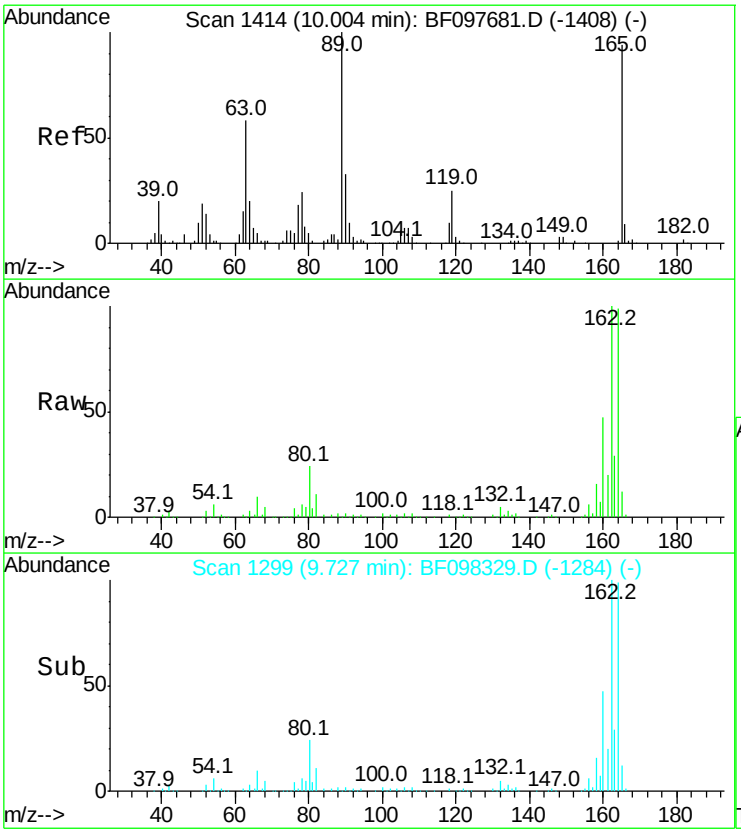
#49
Dimethylphthalate
Concen: 11.637 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:163 Resp: 159095

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6

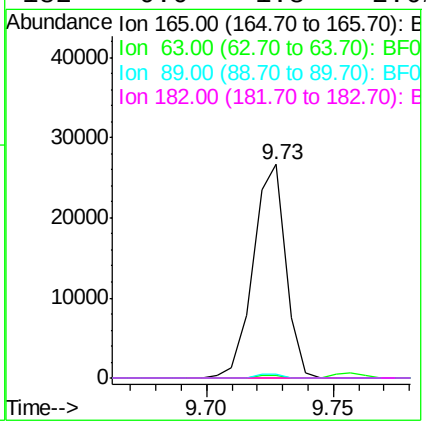


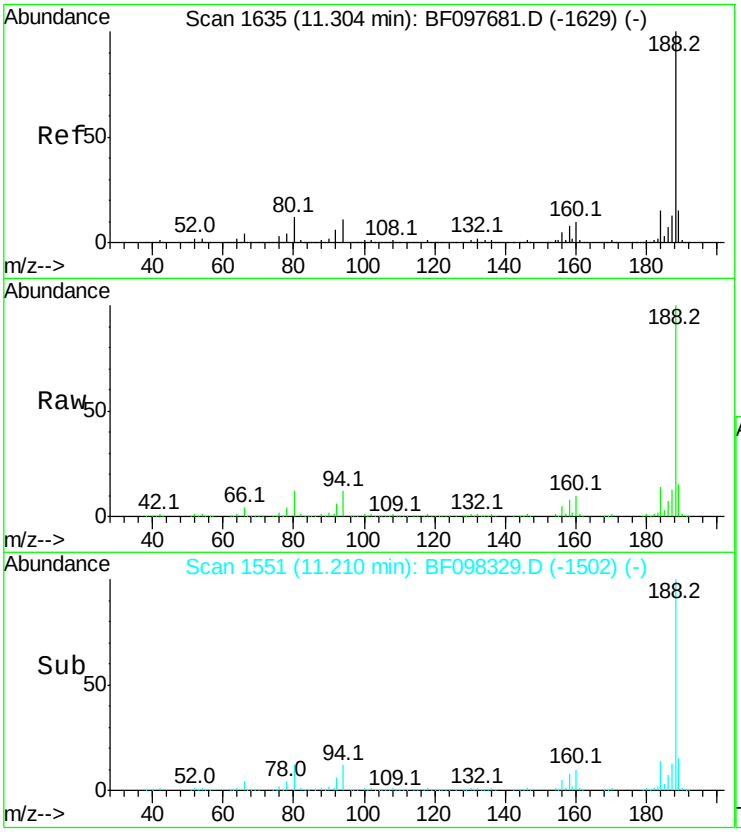


#56
2,4-Dinitrotoluene
Concen: 6.991 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:165 Resp: 23942

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



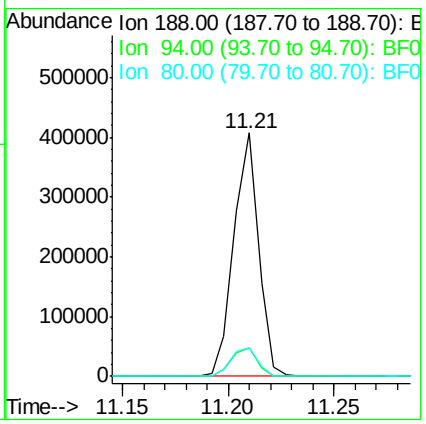


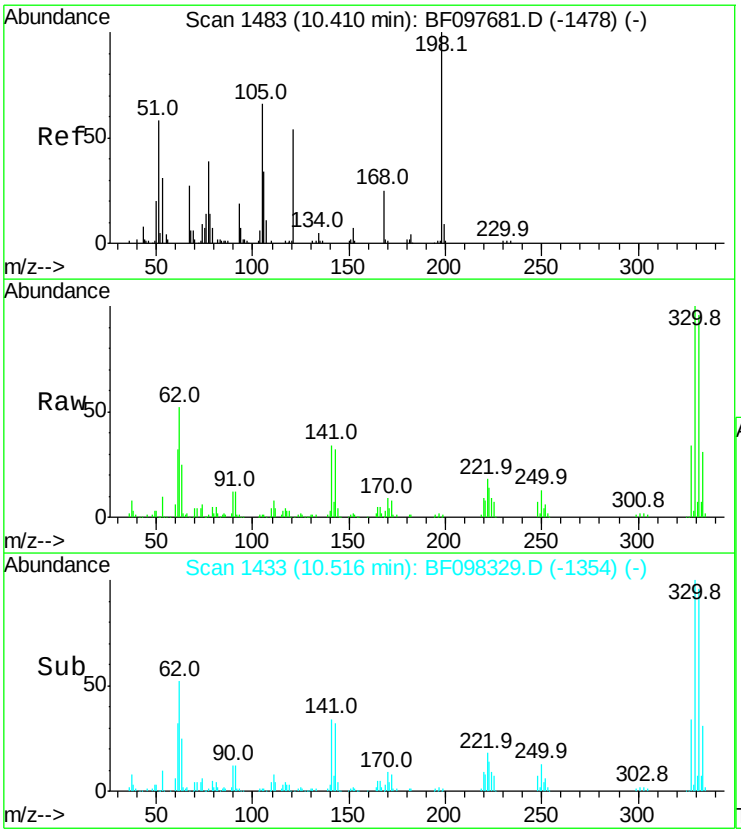
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:188 Resp: 329562

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2

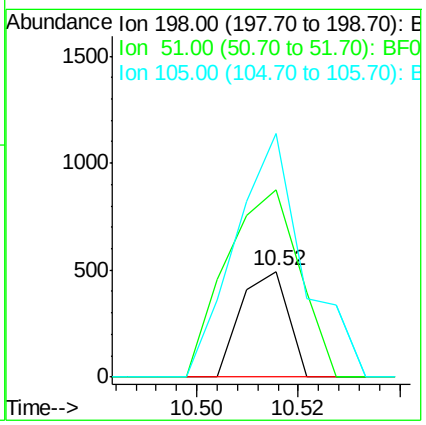


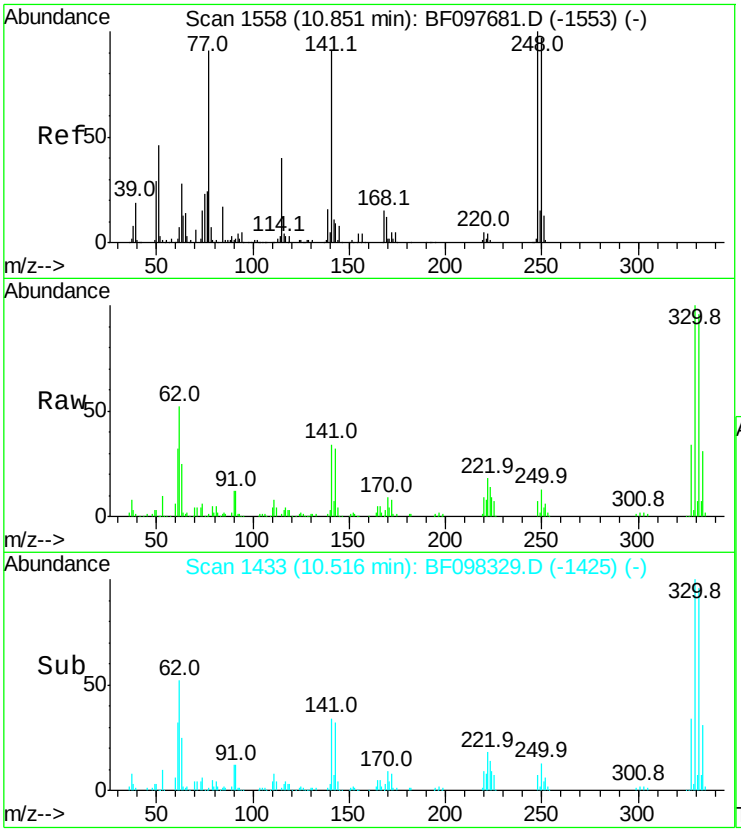


#64
4,6-Dinitro-2-methylphenol
Concen: 8.490 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:198 Resp: 318

Ion	Ratio	Lower	Upper
198	100		
51	177.1	53.2	93.2#
105	230.4	45.8	85.8#



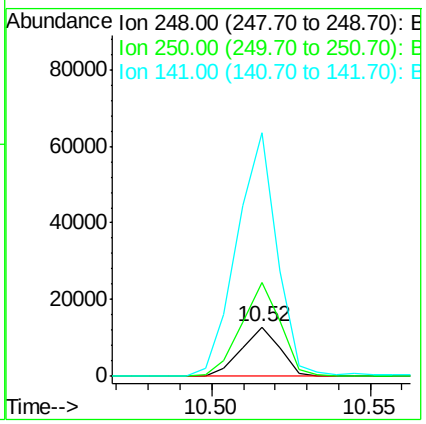


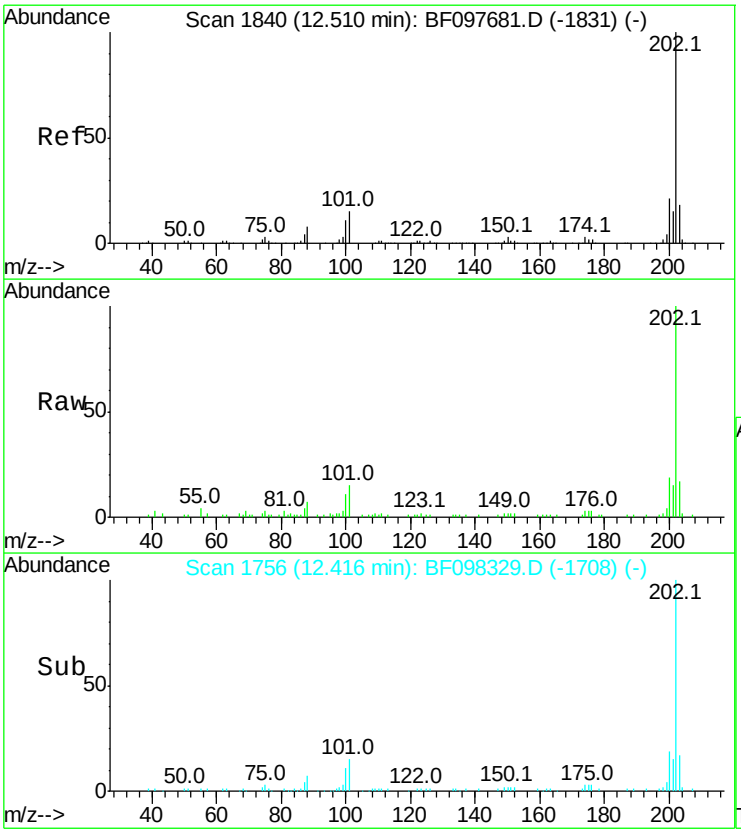
#66
4-Bromophenyl-phenylether
Concen: 3.144 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:248 Resp: 10759

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.8	115.2#
141	496.4	68.6	103.0#

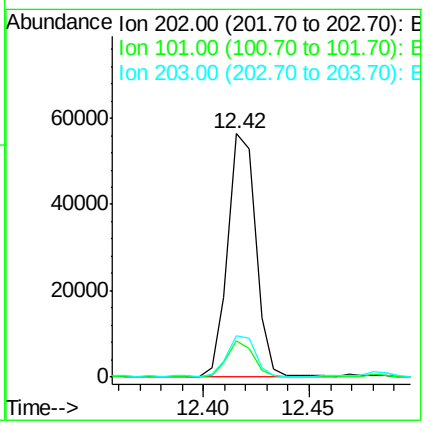


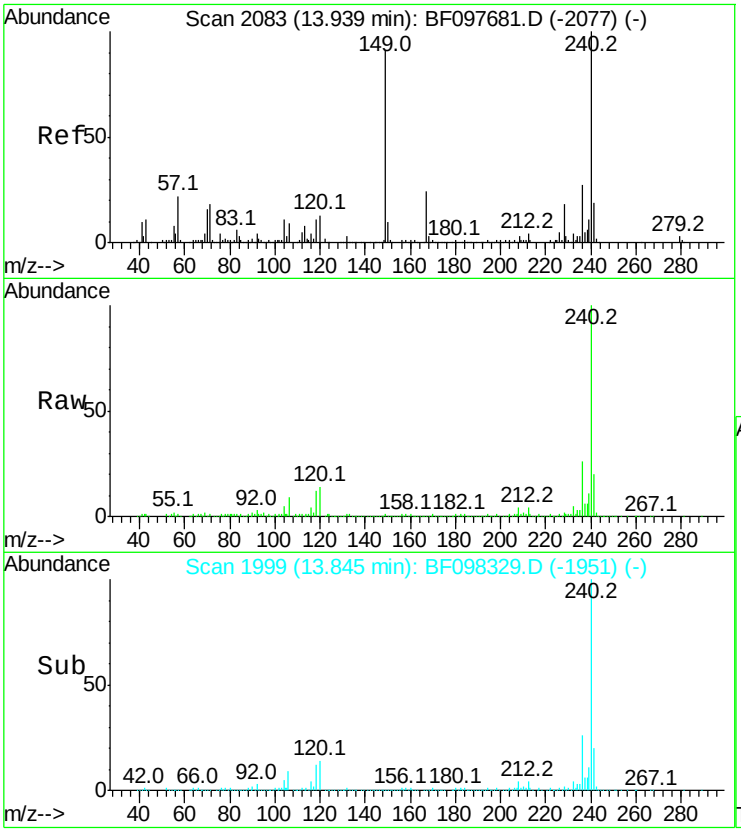


#74
Fluoranthene
Concen: 2.835 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:202 Resp: 51973

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.0	0.0	38.1



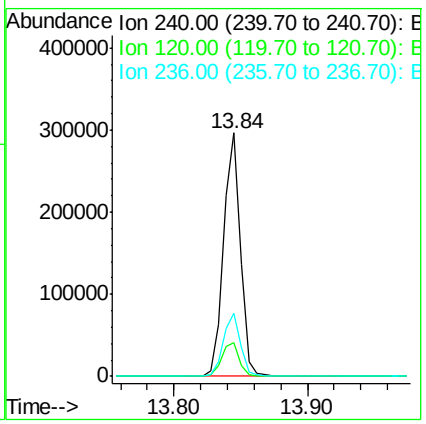


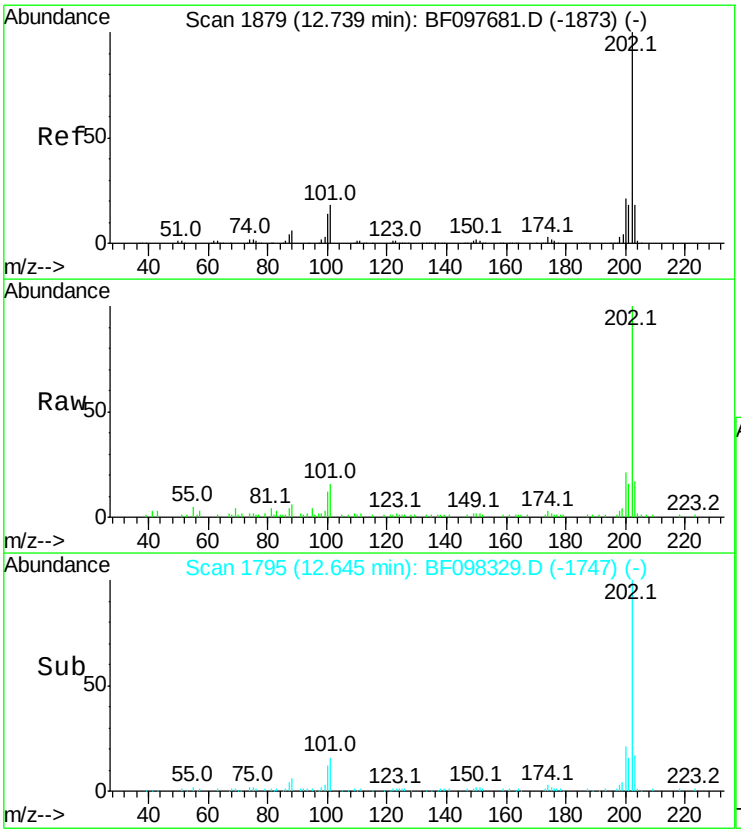
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:240 Resp: 265258

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.8	20.5	30.7

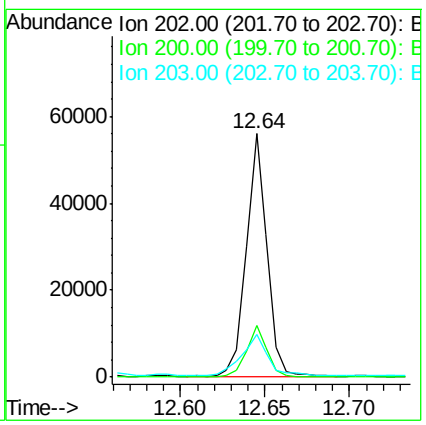


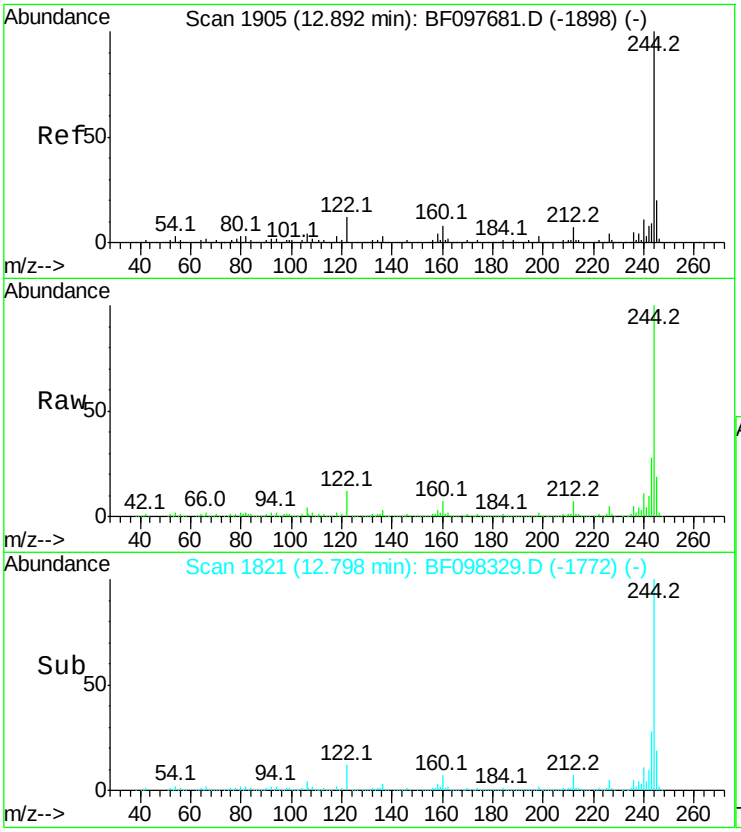


#77
Pyrene
Concen: 2.244 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:202 Resp: 48679

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.3	14.4	21.6



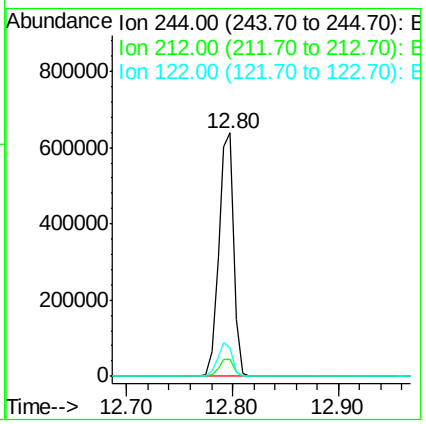


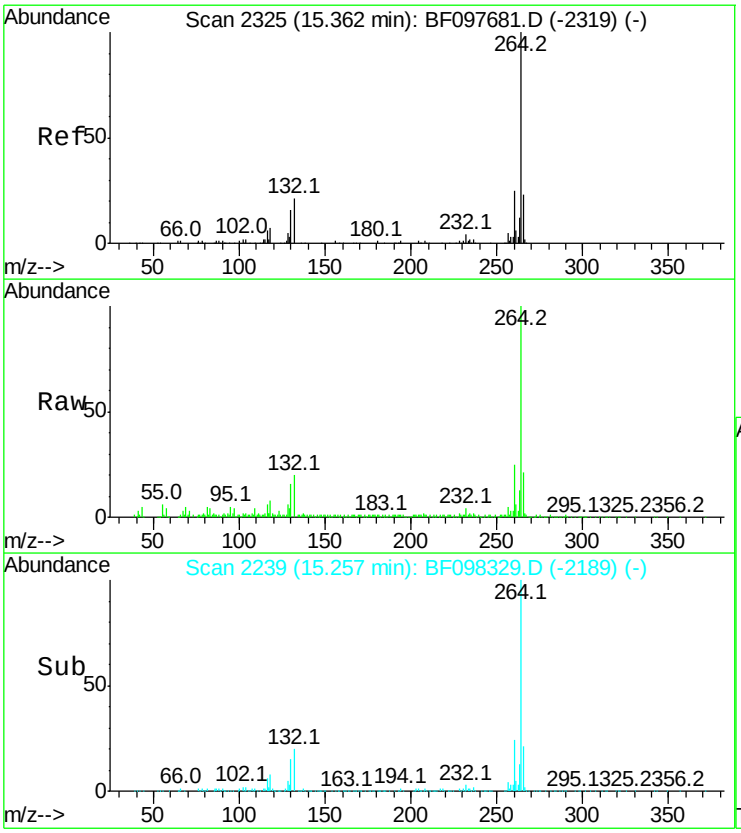
#78
Terphenyl-d14
Concen: 49.664 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:244 Resp: 631739

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.6	10.3	15.5

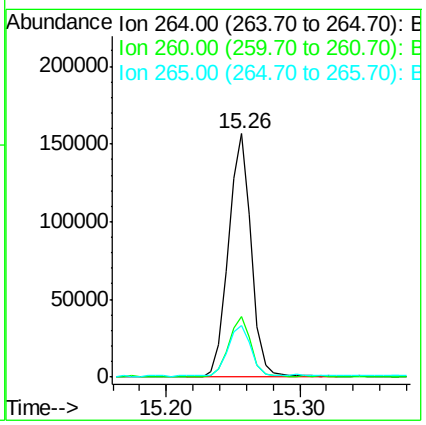


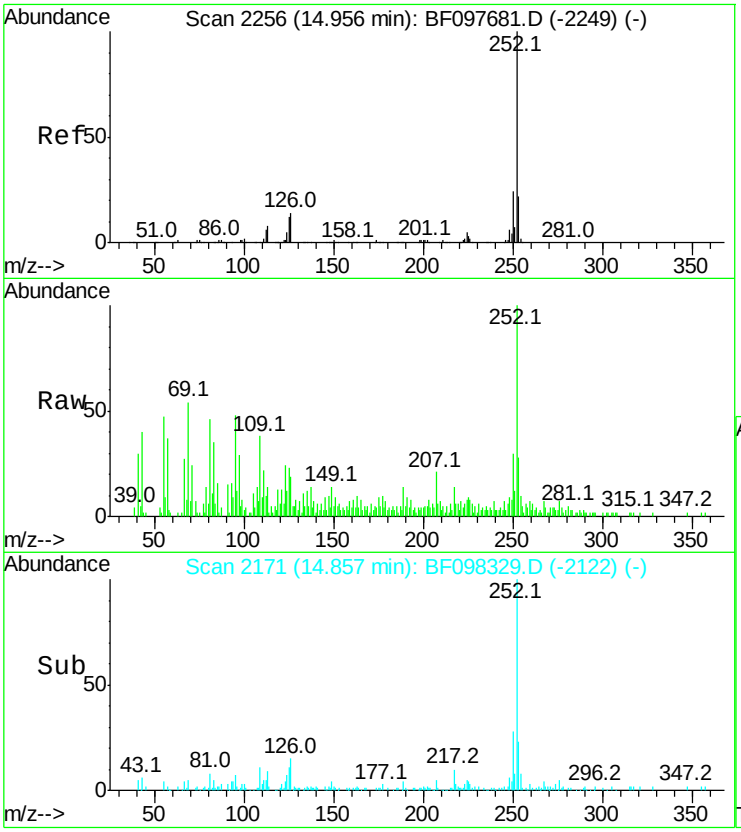


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:264 Resp: 187759

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.1	17.2	25.8



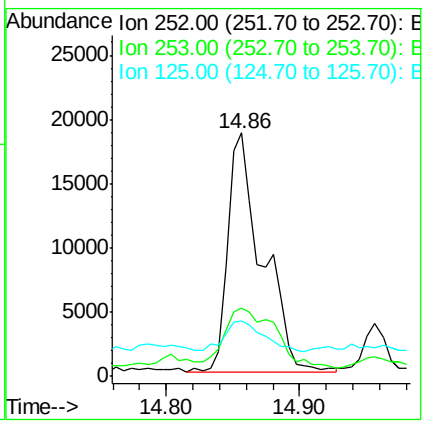


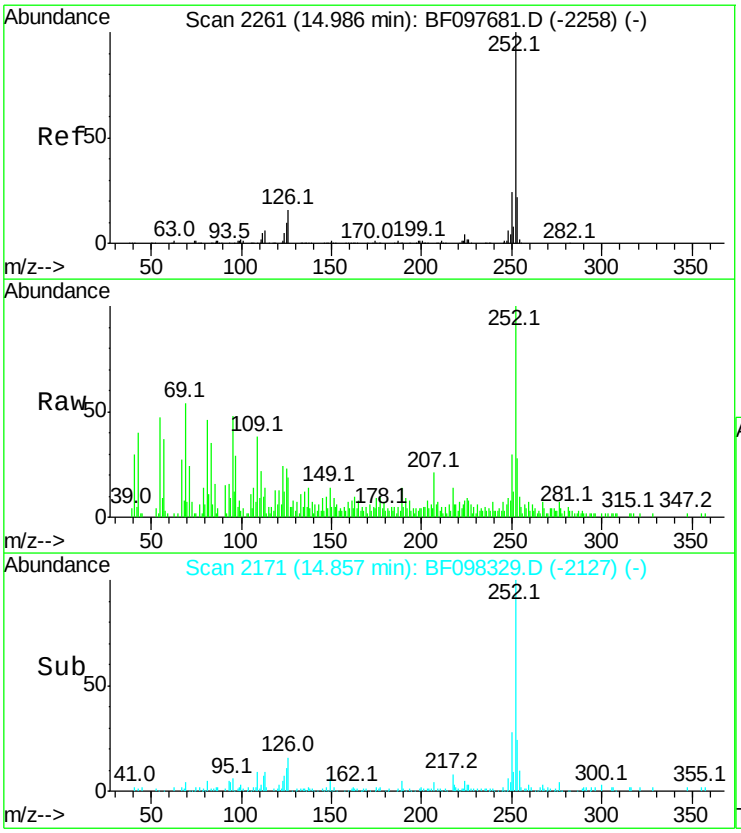
#87
Benzo(b)fluoranthene
Concen: 2.824 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Tgt Ion:252 Resp: 33425

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.1	27.1#
125	23.0	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.006 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion:252 Resp: 33425

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.4	27.6#
125	23.0	13.1	19.7#