Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097446.D
Acq On : 7 Aug 2017 23:13
Operator : SJ/JU
Sample : I4639-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-080317-B

Quant Time: Aug 08 04:51:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	89505	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	361738	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	136436	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	198157	20.00	ng		0.00
75) Chrysene-d12	13.53	240	189108	20.00	ng		0.00
86) Perylene-d12	14.87	264	121265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	133983	22.57	ng		0.00
7) Phenol-d6	6.09	99	174766	25.78	ng		0.00
23) Nitrobenzene-d5	6.98	82	88019	14.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.23	330	23828	22.10	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	164704	20.49	ng		0.00
78) Terphenyl-d14	12.49	244	110654	11.93	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.98	70	12807	2.87	ng	#	81
25) Isophorone	6.98	82	88019	7.29	ng	#	67
50) 2,6-Dinitrotoluene	9.43	165	20272	9.23	ng	#	36
74) Fluoranthene	12.34	202	48060	4.62	ng		92
77) Pyrene	12.34	202	48060	3.10	ng		96
80) Benzo(a)anthracene	13.53	228	27138	2.22	ng		98
82) Chrysene	13.56	228	26177	2.19	ng		96
87) Benzo(b)fluoranthene	14.53	252	39121	5.37	ng	#	79
88) Benzo(k)fluoranthene	14.53	252	39121	5.63	ng	#	84
89) Benzo(a)pyrene	14.83	252	17583	2.64	ng	#	74

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

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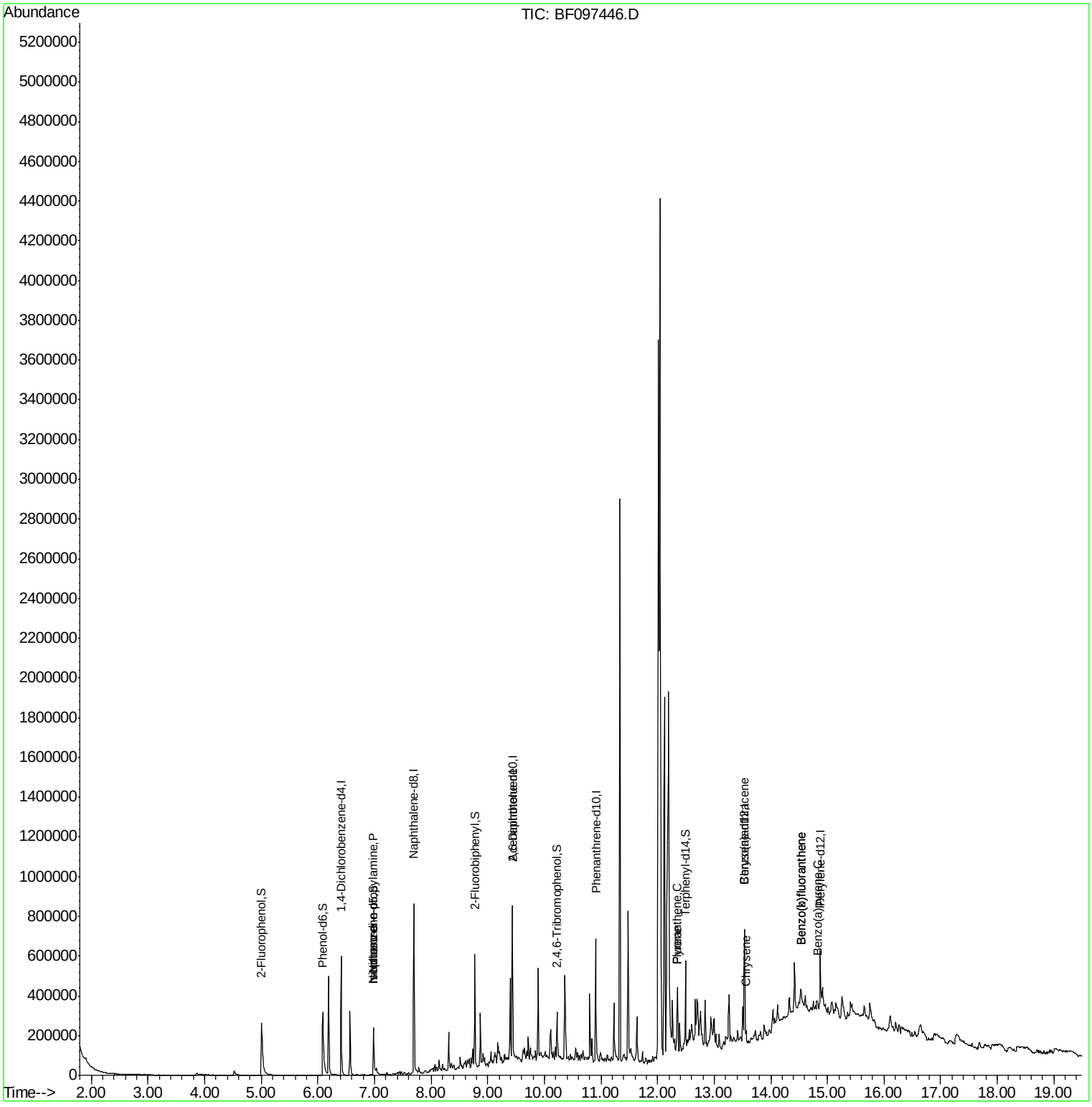
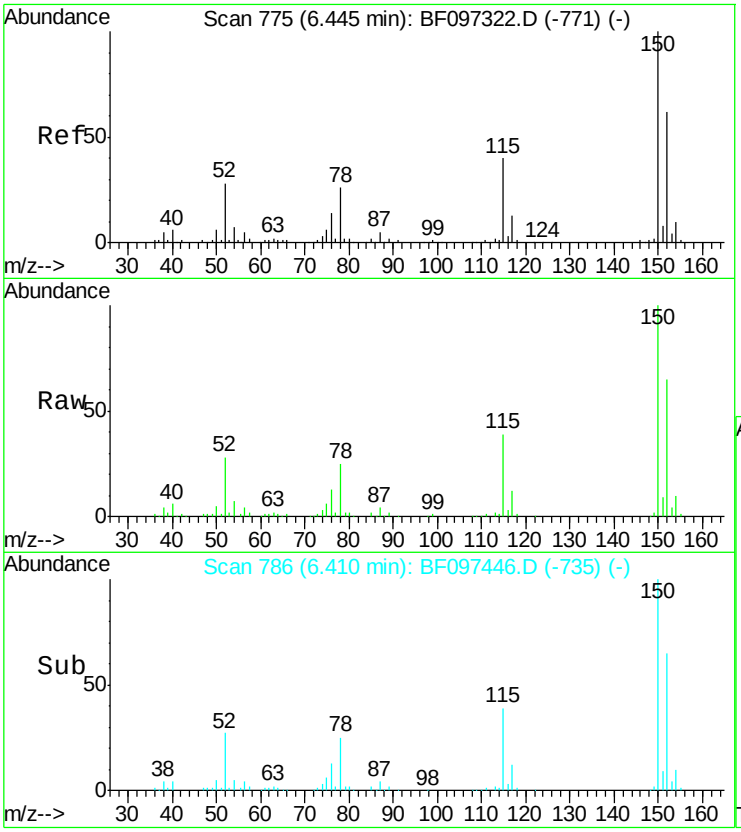


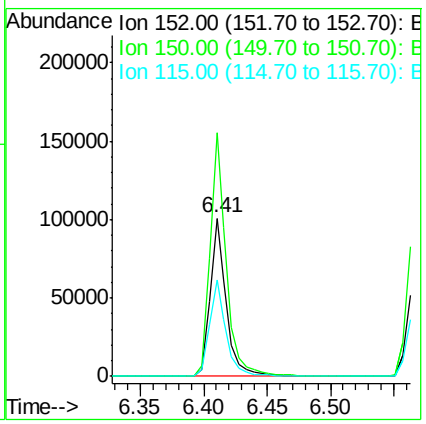


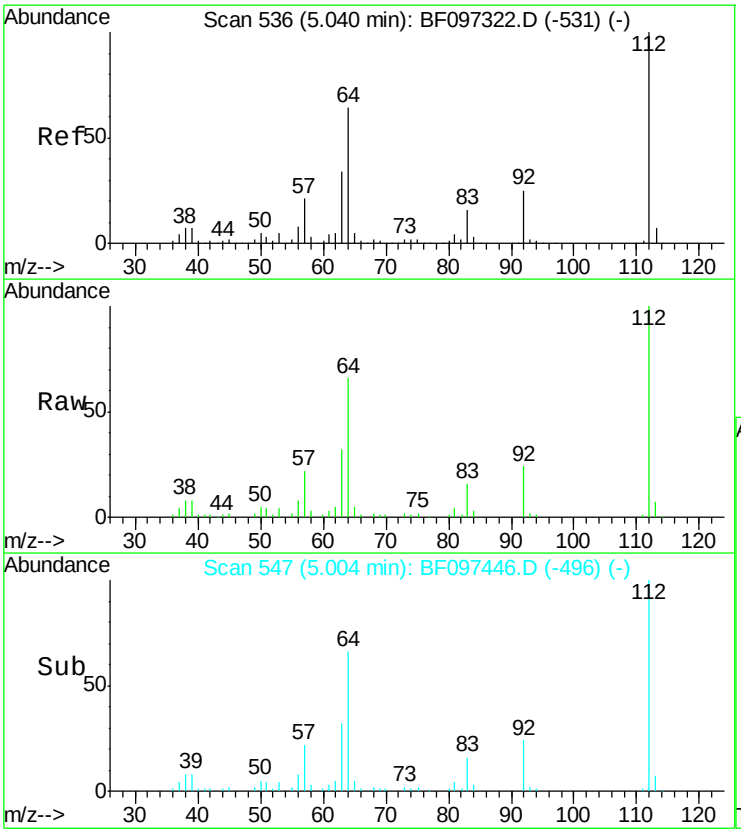
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:152 Resp: 89505

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	60.6	52.2	78.2

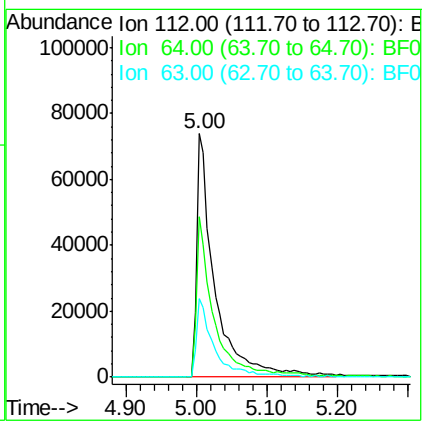


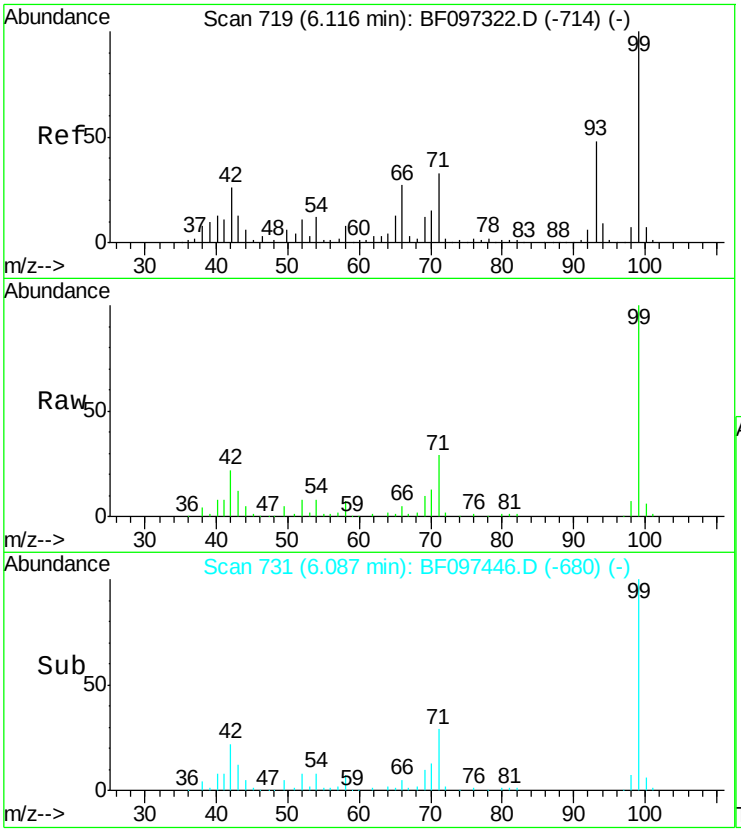


#5
2-Fluorophenol
Concen: 22.57 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:112 Resp: 133983

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	32.5	23.4	35.0



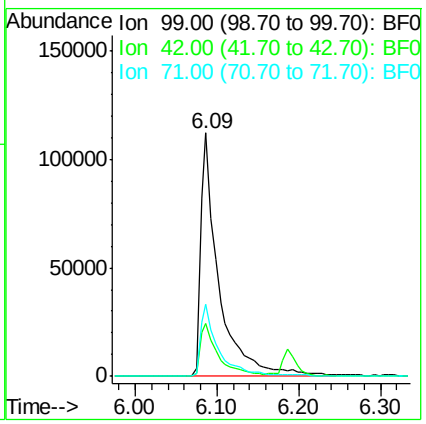


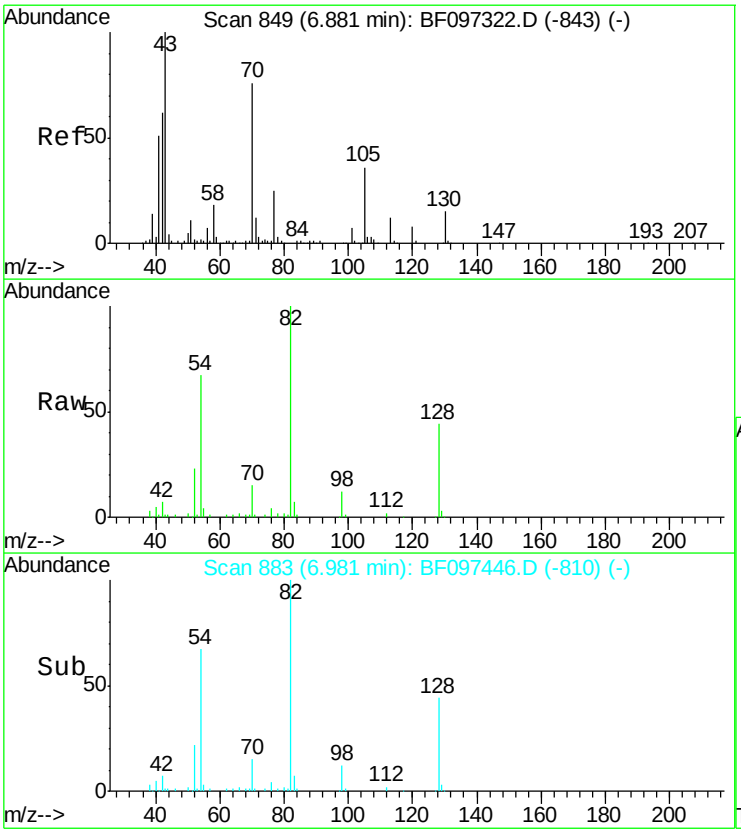
#7
Phenol-d6
Concen: 25.78 ng
RT: 6.09 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion: 99 Resp: 174766

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.4	24.5	36.7

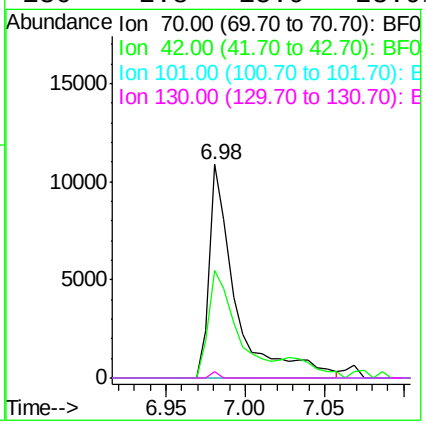


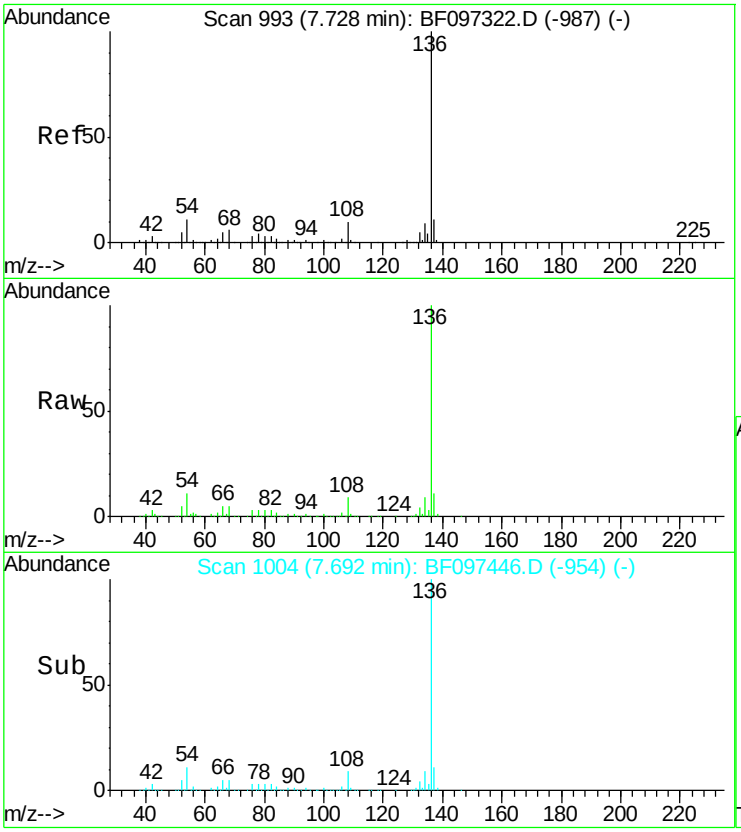


#19
n-Nitroso-di-n-propylamine
Concen: 2.87 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion: 70 Resp: 12807

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#



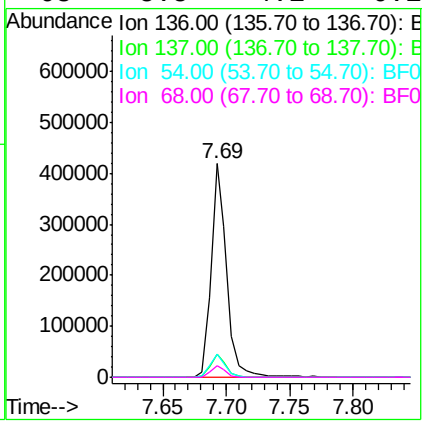


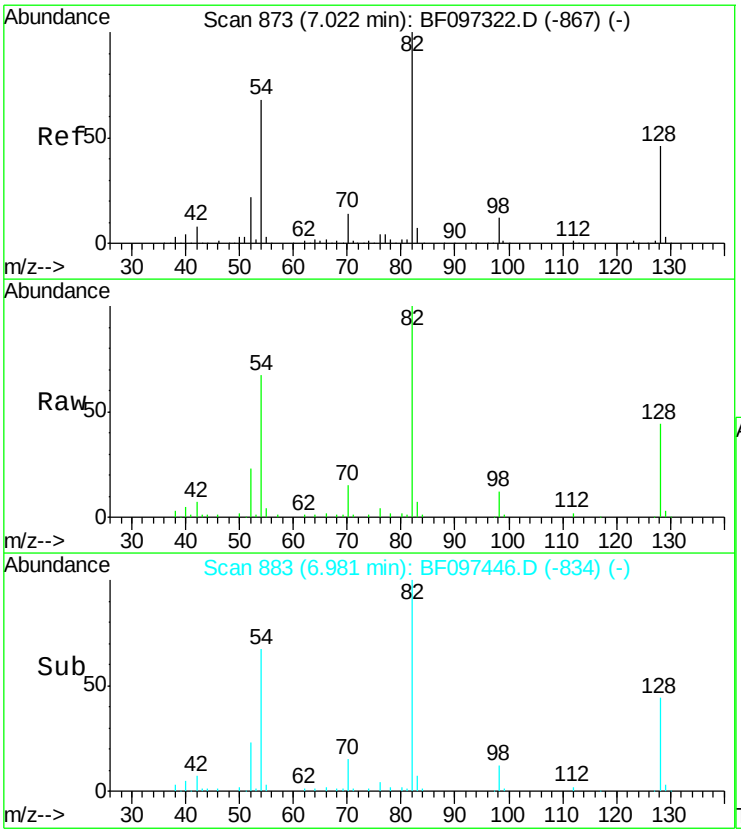
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:136 Resp: 361738

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.8	4.9	7.3#
68	5.5	4.1	6.1

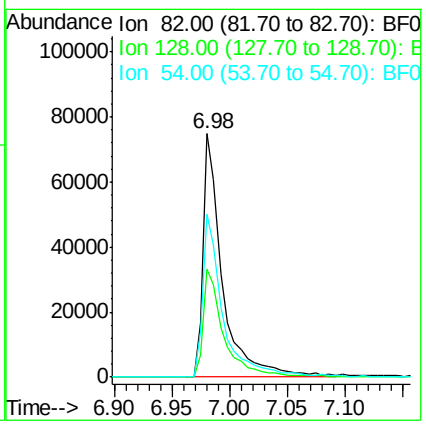


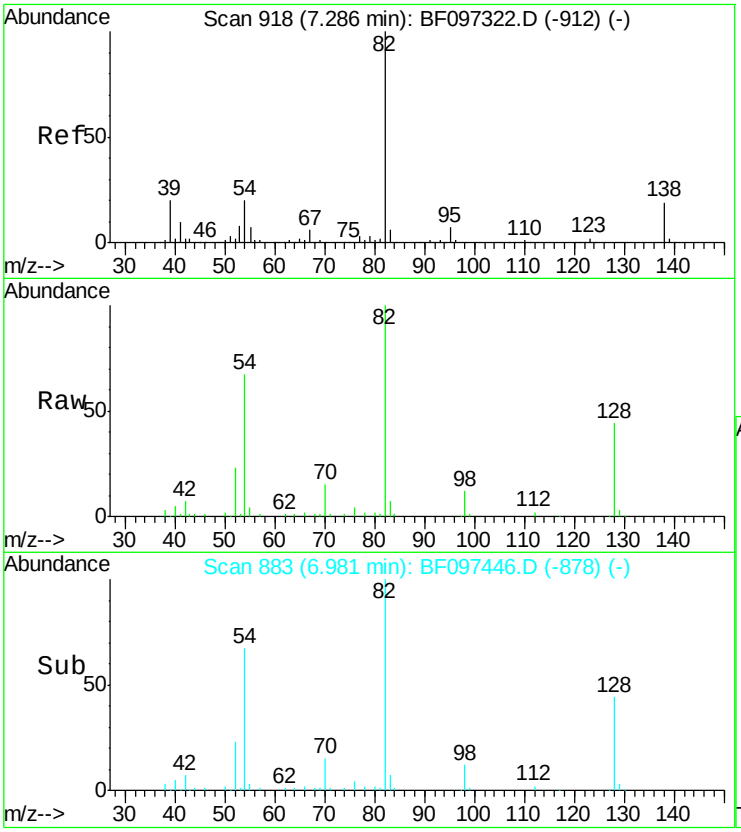


#23
Nitrobenzene-d5
Concen: 14.27 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion: 82 Resp: 88019

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	67.0	42.2	63.2#



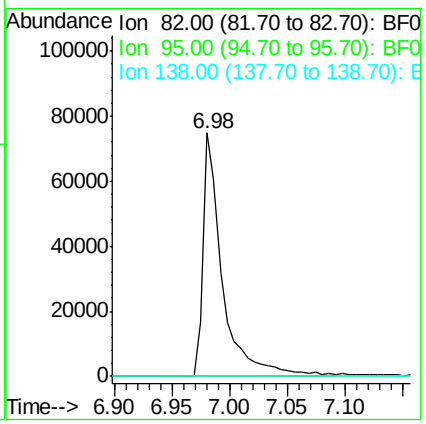


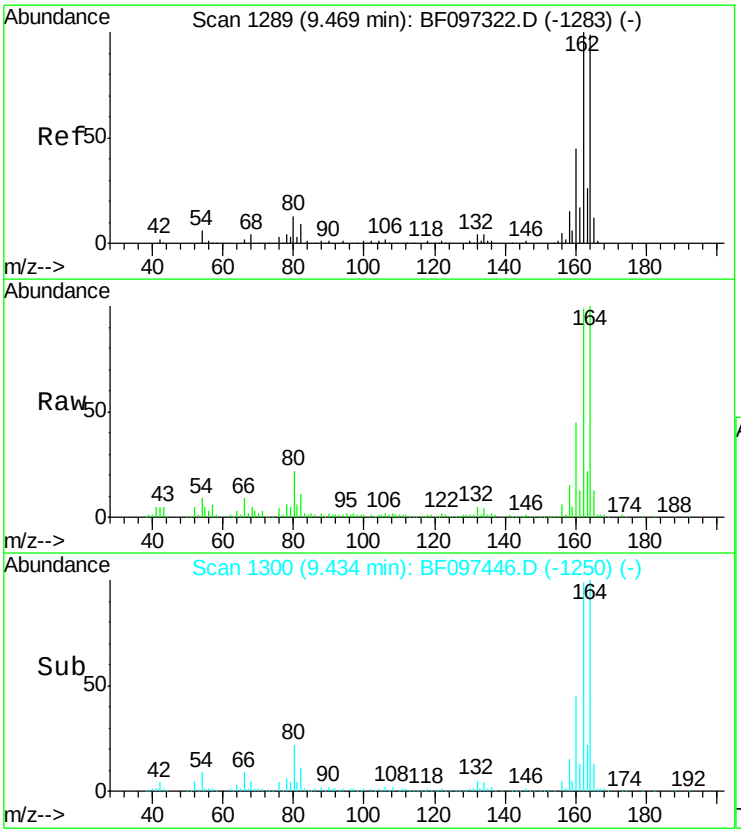
#25
Isophorone
Concen: 7.29 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion: 82 Resp: 88019

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

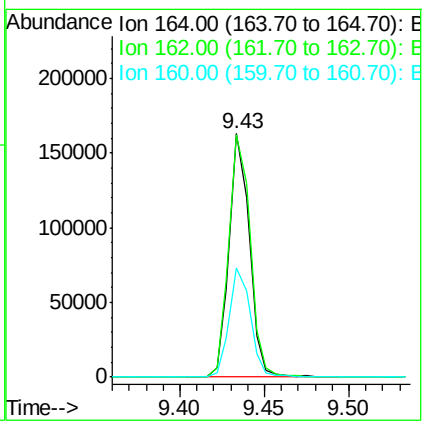


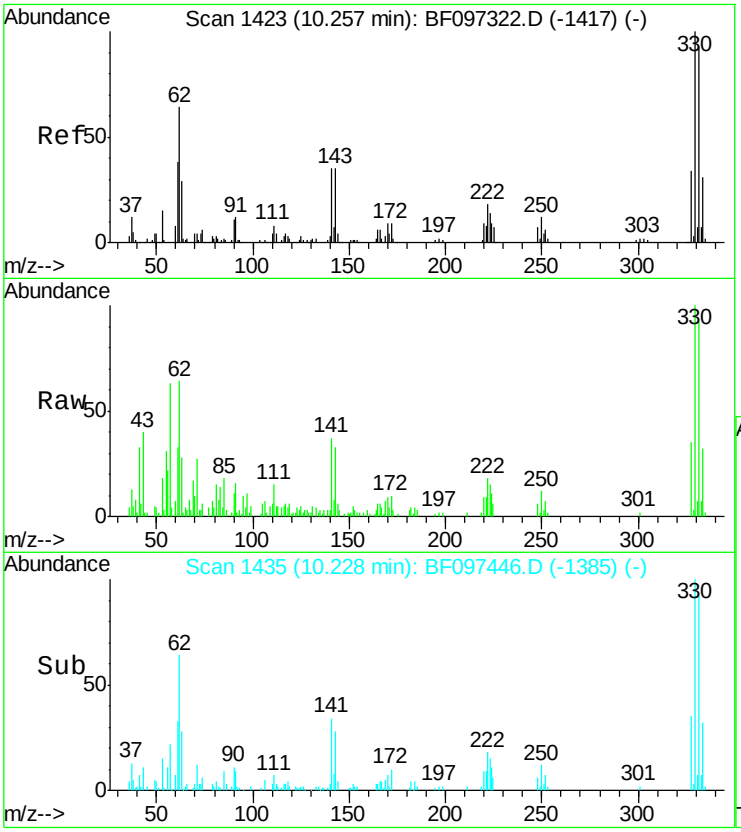


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:164 Resp: 136436

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	44.7	36.2	54.2



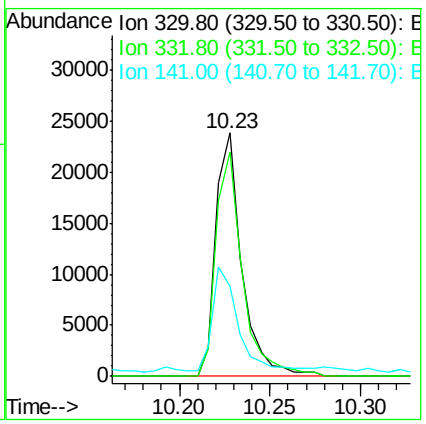


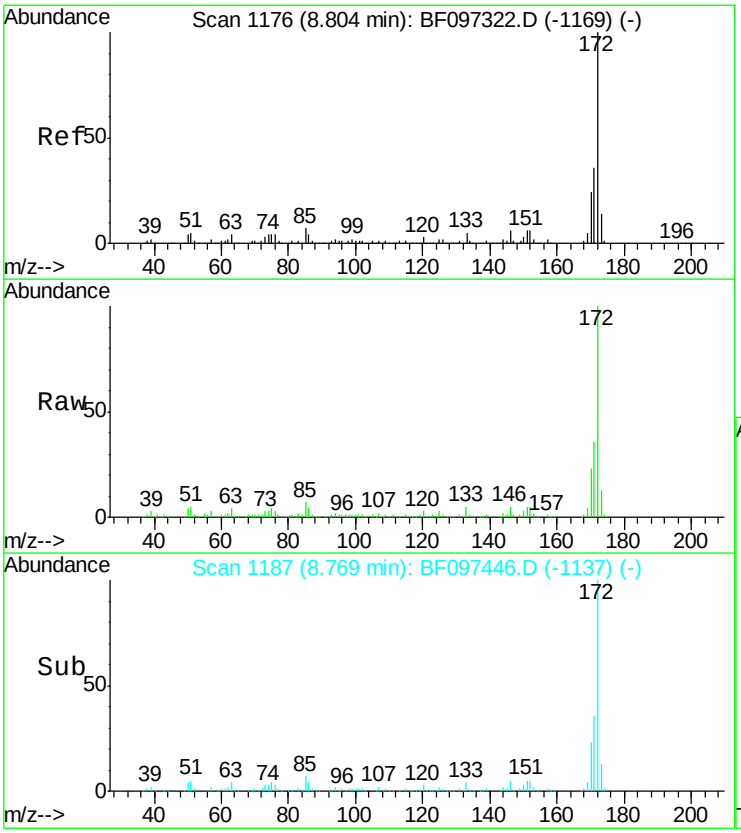
#41
2,4,6-Tribromophenol
Concen: 22.10 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:330 Resp: 23828

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	41.6	31.4	47.2

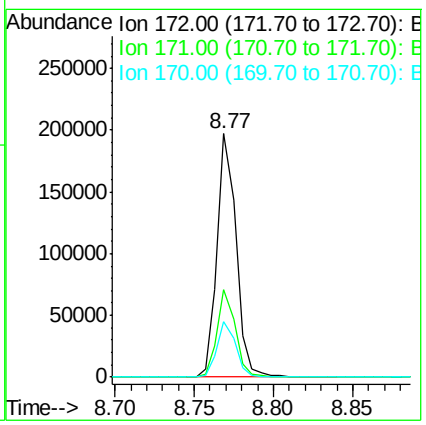


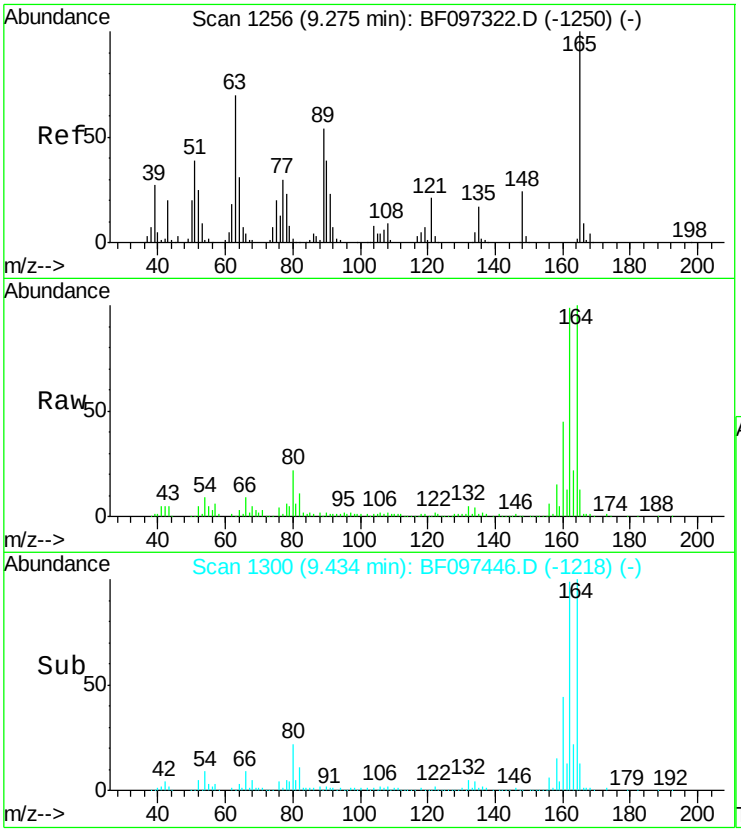


#44
2-Fluorobiphenyl
Concen: 20.49 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:172 Resp: 164704

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.8	19.8	29.8



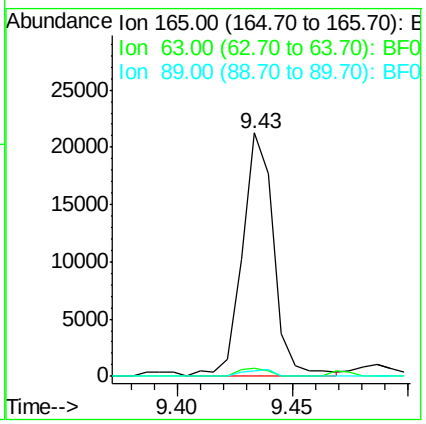


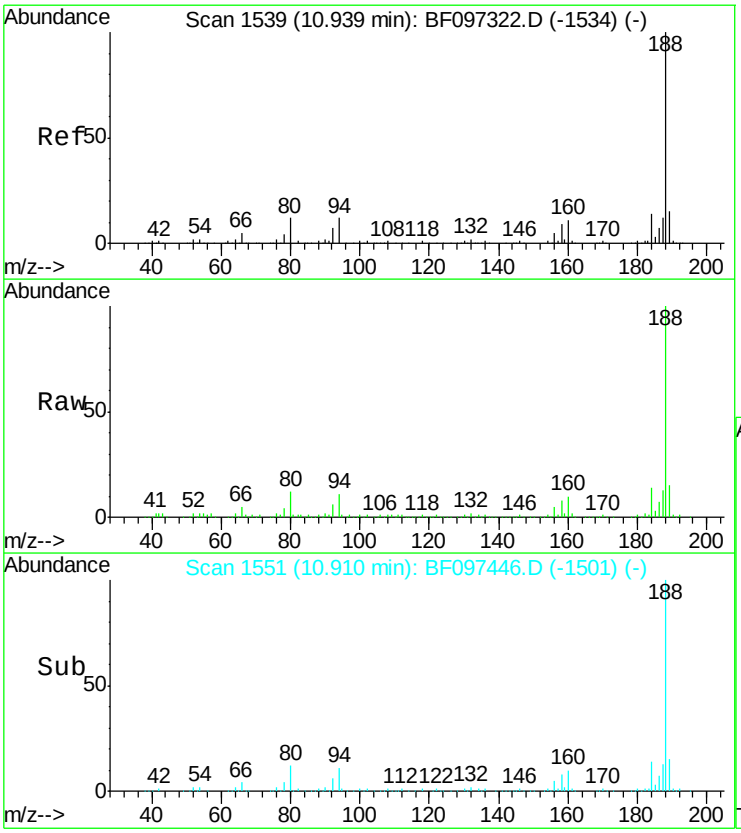
#50
2,6-Dinitrotoluene
Concen: 9.23 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:165 Resp: 20272

Ion	Ratio	Lower	Upper
165	100		
63	3.1	34.3	51.5#
89	2.4	37.1	55.7#

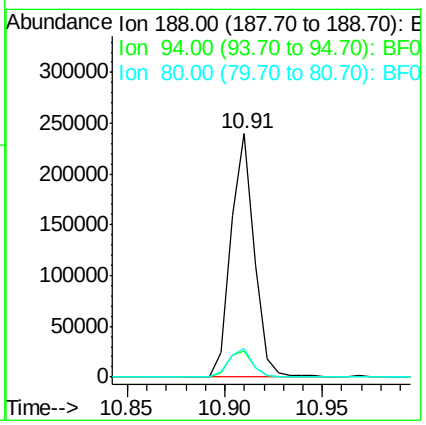


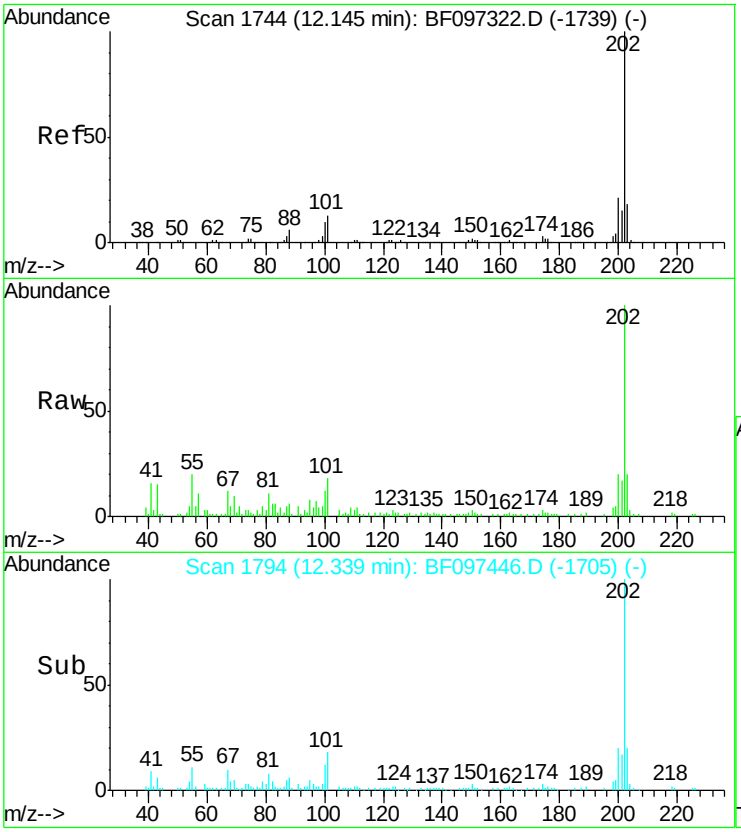


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:188 Resp: 198157

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.6	10.2	15.2



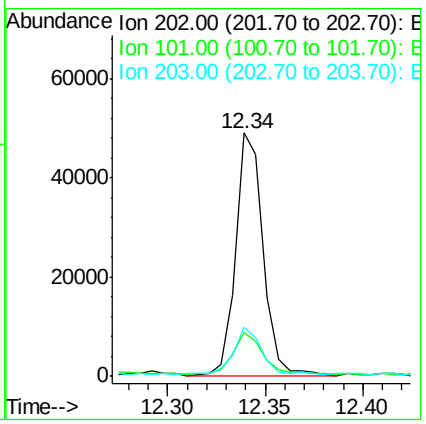


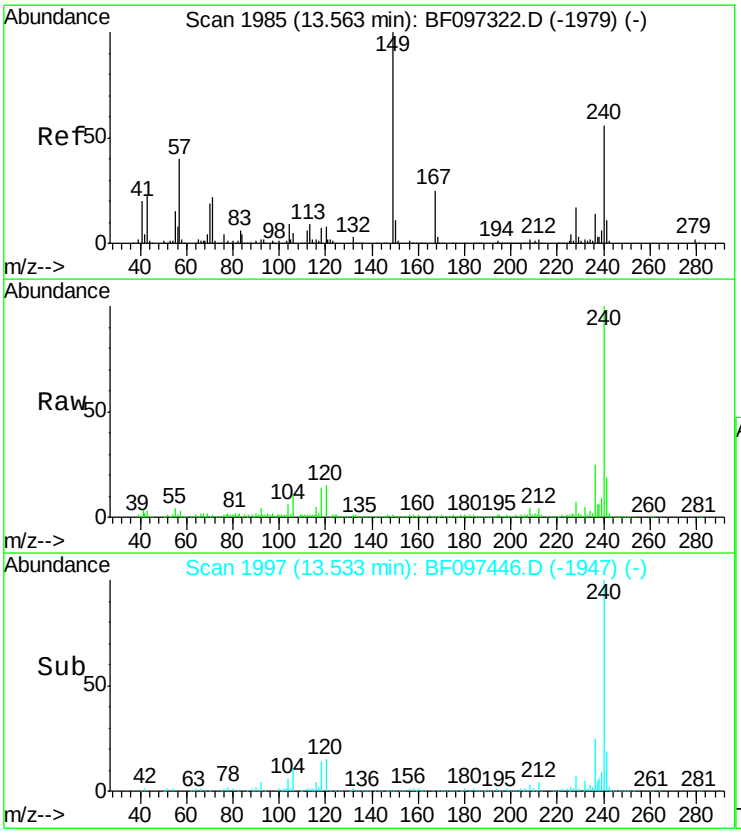
#74
Fluoranthene
Concen: 4.62 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.22 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:202 Resp: 48060

Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	33.2
203	20.3	0.0	38.1

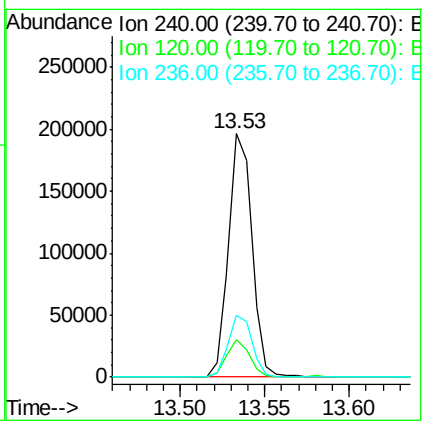


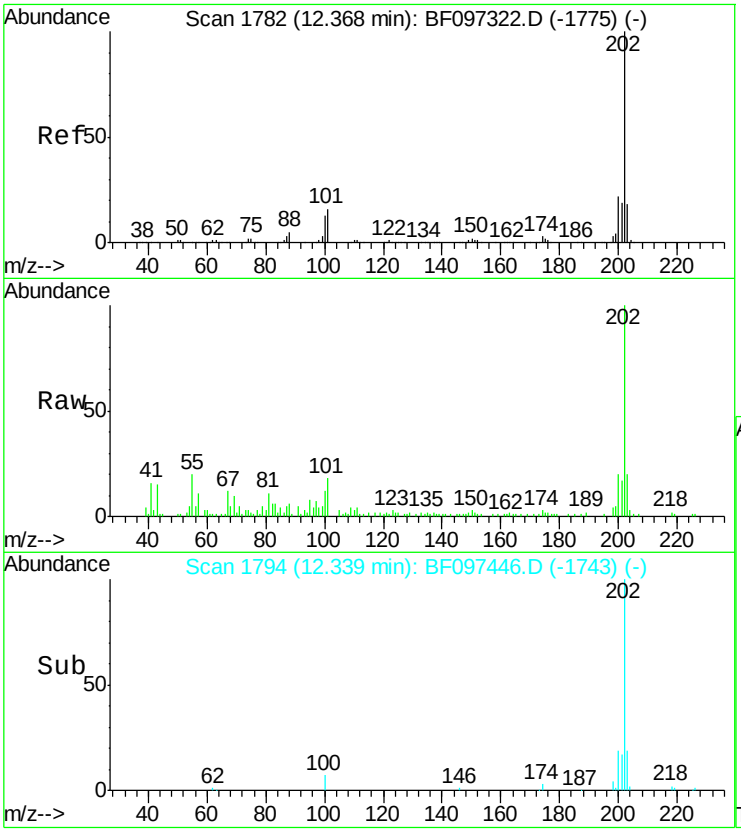


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:240 Resp: 189108

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.4	20.5	30.7



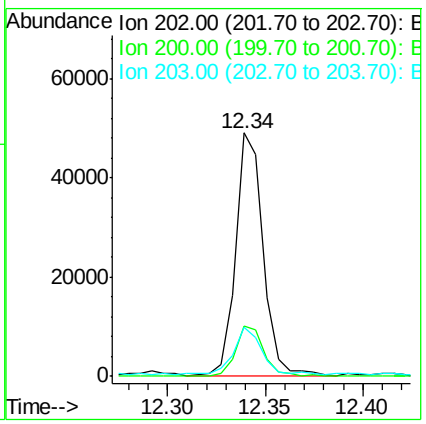


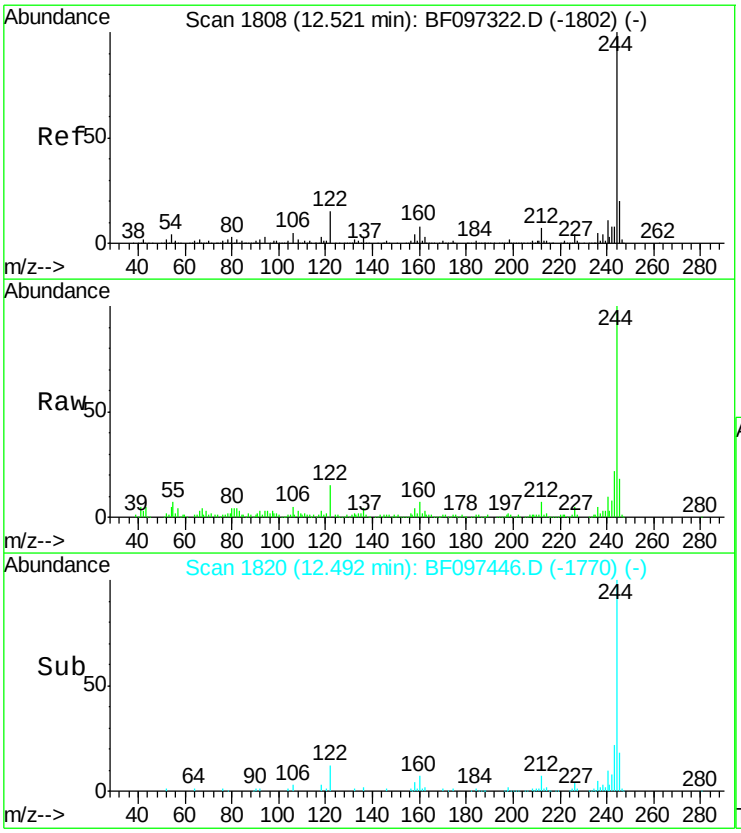
#77
Pyrene
Concen: 3.10 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:202 Resp: 48060

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	20.3	14.4	21.6

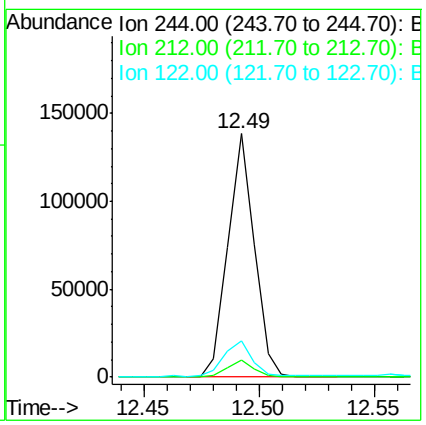


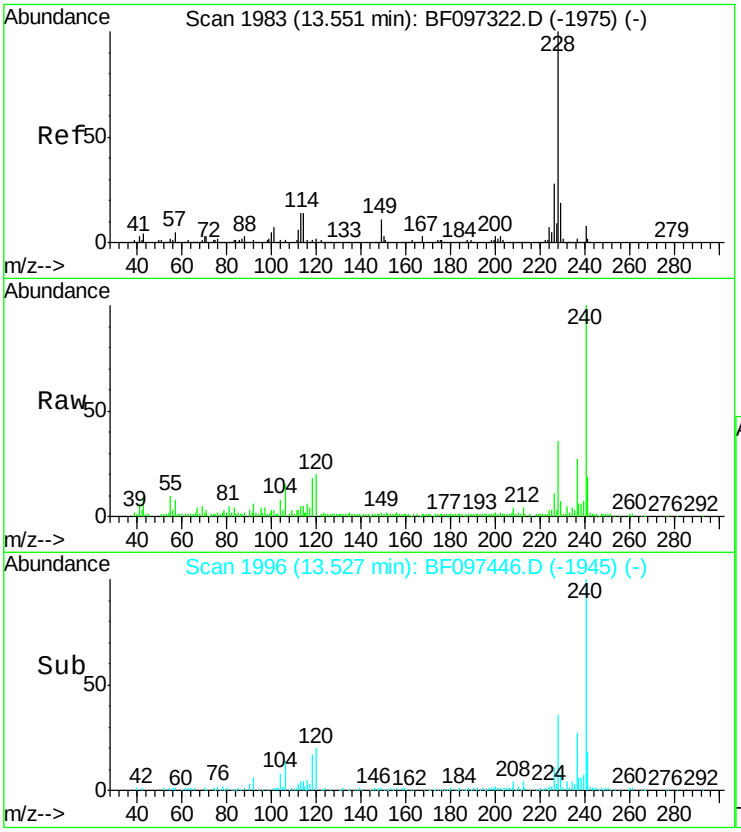


#78
Terphenyl-d14
Concen: 11.93 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:244 Resp: 110654

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.9	10.3	15.5



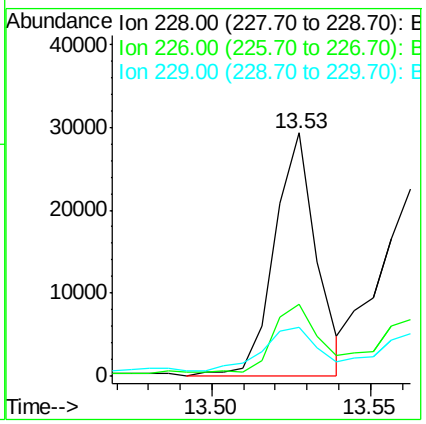


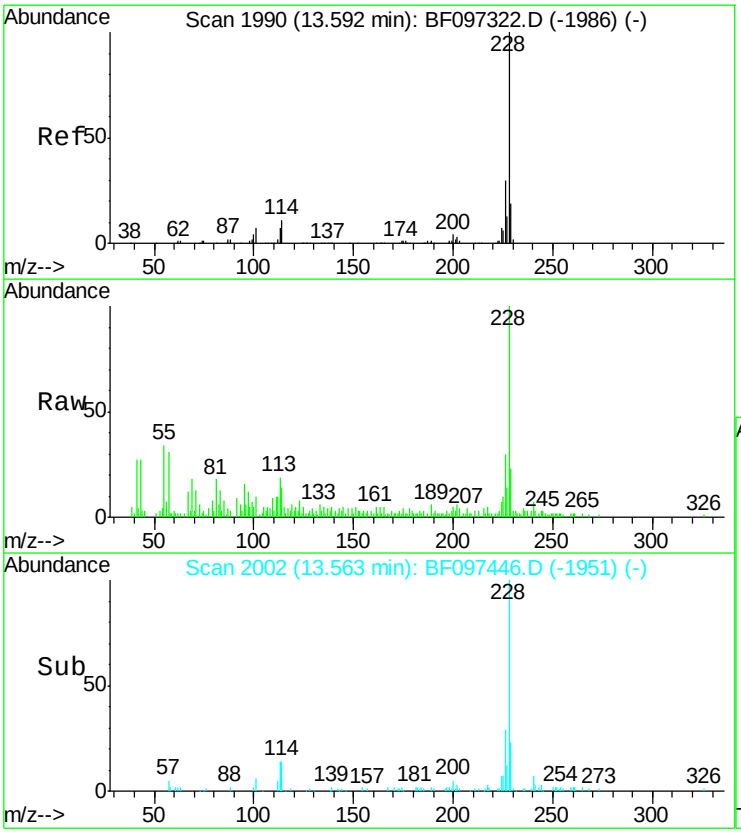
#80
Benzo(a)anthracene
Concen: 2.22 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:228 Resp: 27138

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.0	16.3	24.5

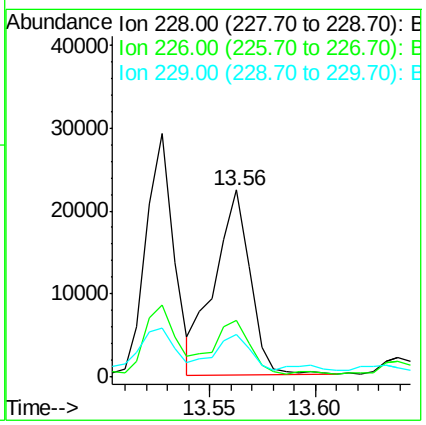


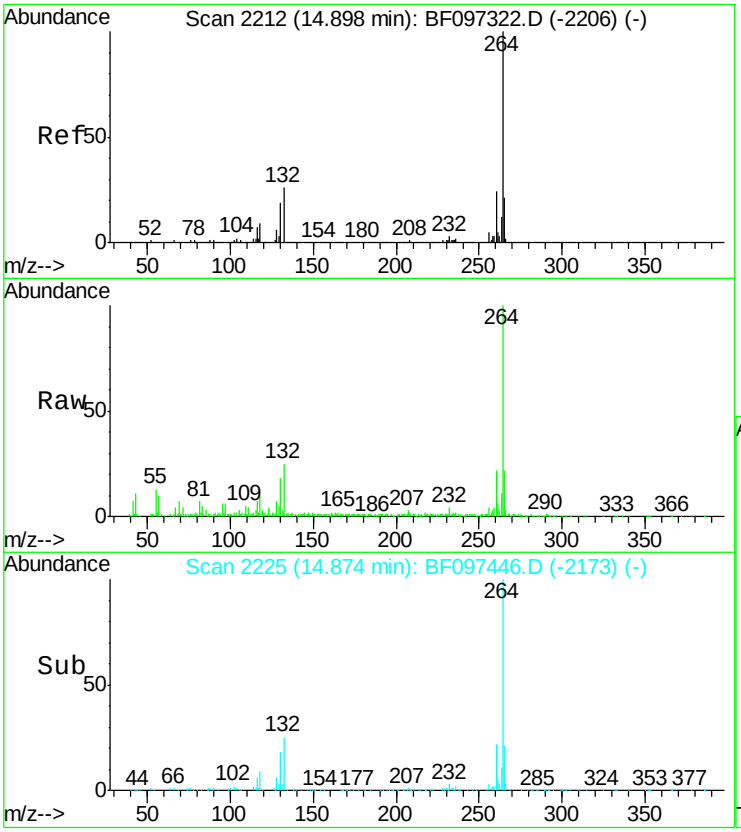


#82
Chrysene
Concen: 2.19 ng
RT: 13.56 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:228 Resp: 26177

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.7	15.8	23.6



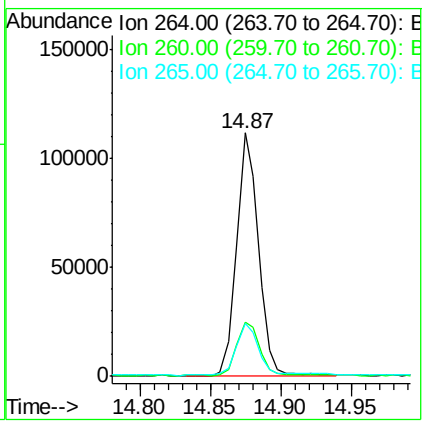


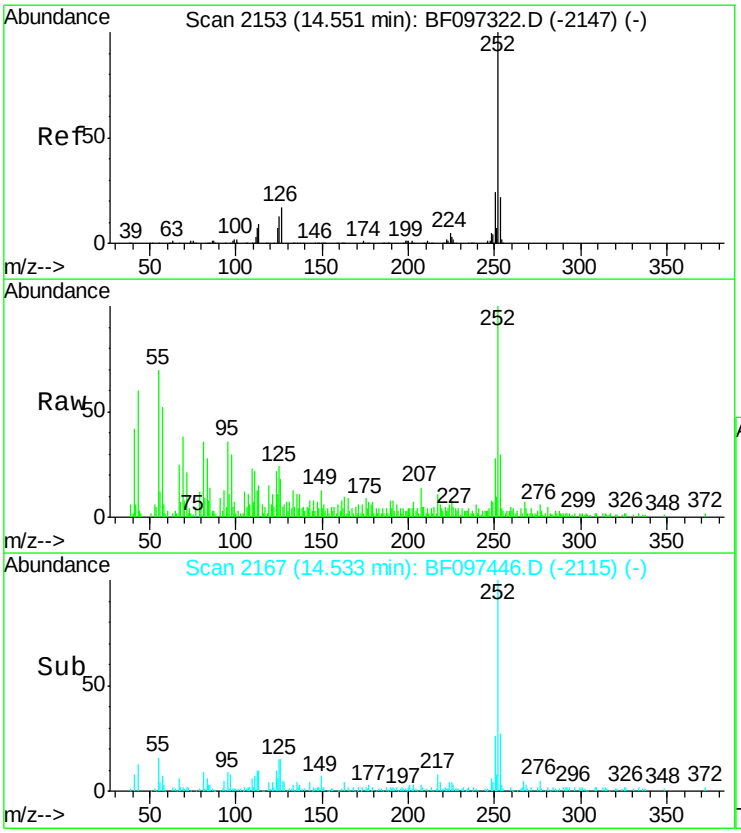
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:264 Resp: 121265

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.7	17.2	25.8

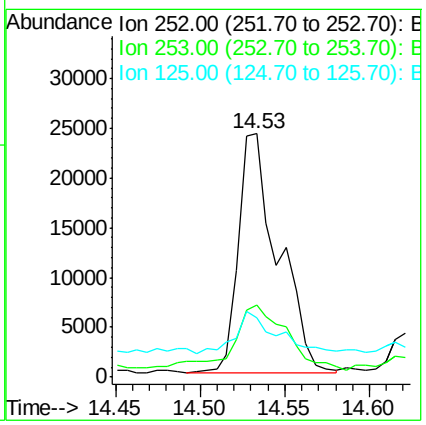


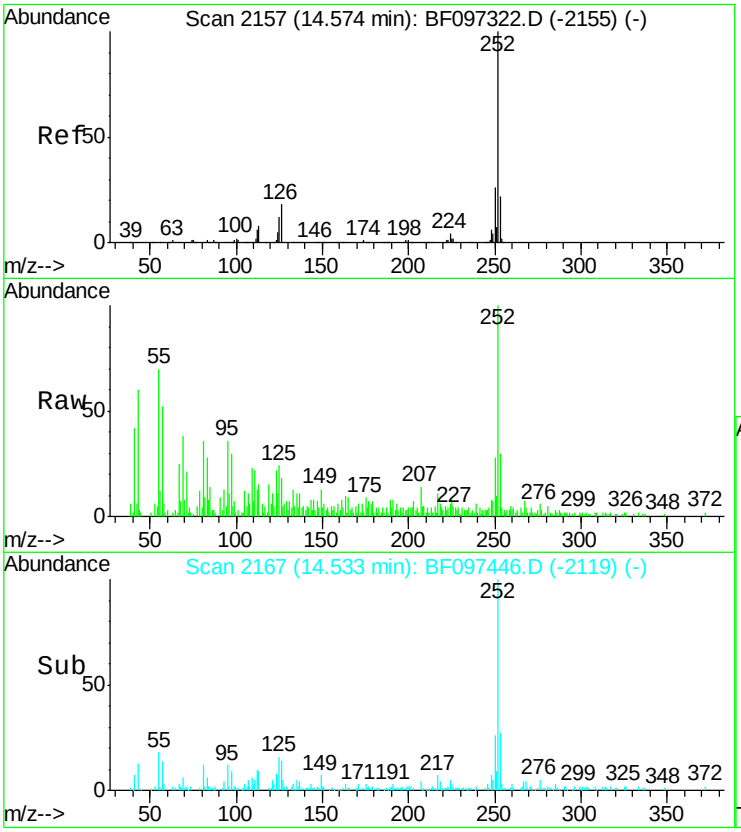


#87
Benzo(b)fluoranthene
Concen: 5.37 ng
RT: 14.53 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:252 Resp: 39121

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.1	27.1#
125	24.4	9.8	14.8#



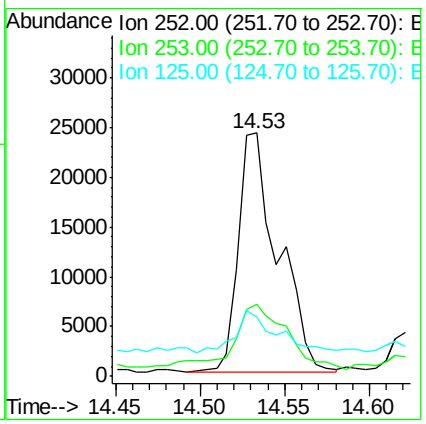


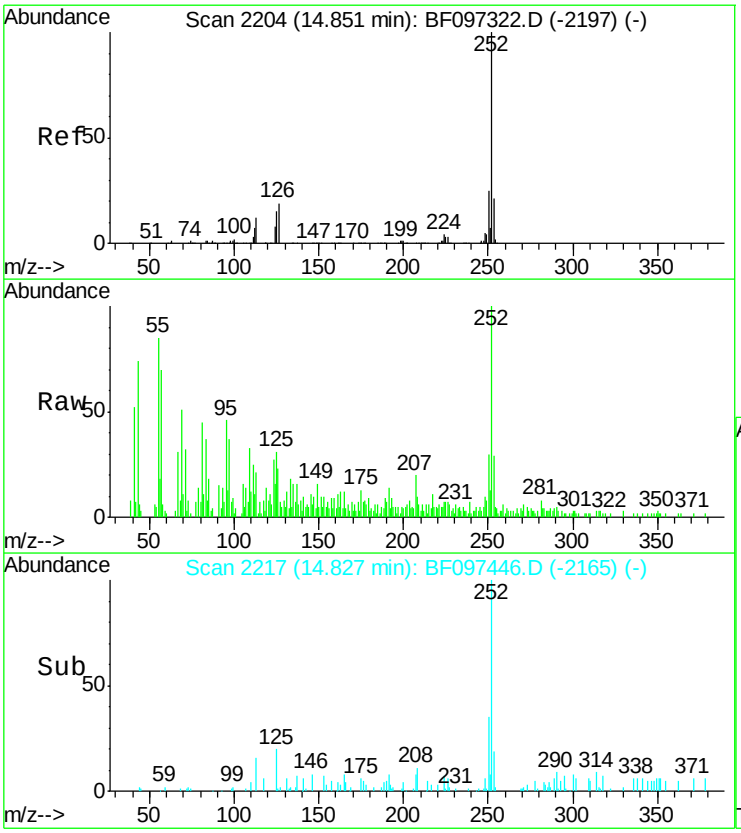
#88
Benzo(k)fluoranthene
Concen: 5.63 ng
RT: 14.53 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-B

Tgt Ion:252 Resp: 39121

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.4	27.6#
125	24.4	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.64 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097446.D
Acq: 7 Aug 2017 23:13

Tgt Ion:252 Resp: 17583

Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.5	26.3#
125	30.8	11.0	16.4#