Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097337.D
Acq On : 4 Aug 2017 00:48
Operator : SJ/JU
Sample : I4560-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-STOCKPILE-COMP

Quant Time: Aug 04 02:21:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	102587	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	422676	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	158777	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	221088	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	172867	20.00	ng		-0.06
86) Perylene-d12	14.91	264	121989	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	629655	92.53	ng		-0.05
7) Phenol-d6	6.12	99	870664	112.07	ng		-0.05
23) Nitrobenzene-d5	7.02	82	460842	63.96	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	99025	78.94	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	701376	74.97	ng		-0.06
78) Terphenyl-d14	12.52	244	458428	54.07	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.13	94	18458	2.003	ng	#	54
19) n-Nitroso-di-n-propylamine	7.02	70	62044	12.133	ng	#	84
25) Isophorone	7.02	82	456644	32.363	ng	#	67
49) Dimethylphthalate	9.20	163	100269	8.316	ng		99
56) 2,4-Dinitrotoluene	9.47	165	20272	6.896	ng	#	33
66) 4-Bromophenyl-phenylether	10.26	248	6321	2.865	ng	#	1
70) Phenanthrene	10.96	178	82872	6.996	ng		100
71) Anthracene	11.02	178	30635	2.525	ng		95
74) Fluoranthene	12.14	202	153775	13.251	ng		98
77) Pyrene	12.37	202	157696	11.143	ng		99
80) Benzo(a)anthracene	13.56	228	73638	6.583	ng		95
82) Chrysene	13.59	228	78160	7.156	ng		96
85) Indeno(1,2,3-cd)pyrene	16.12	276	26140	2.791	ng		95
87) Benzo(b)fluoranthene	14.56	252	108012	14.730	ng	#	91
88) Benzo(k)fluoranthene	14.56	252	108012	15.457	ng	#	95
89) Benzo(a)pyrene	14.86	252	49679	7.402	ng	#	88
91) Benzo(g,h,i)perylene	16.47	276	26238	4.546	ng	#	88

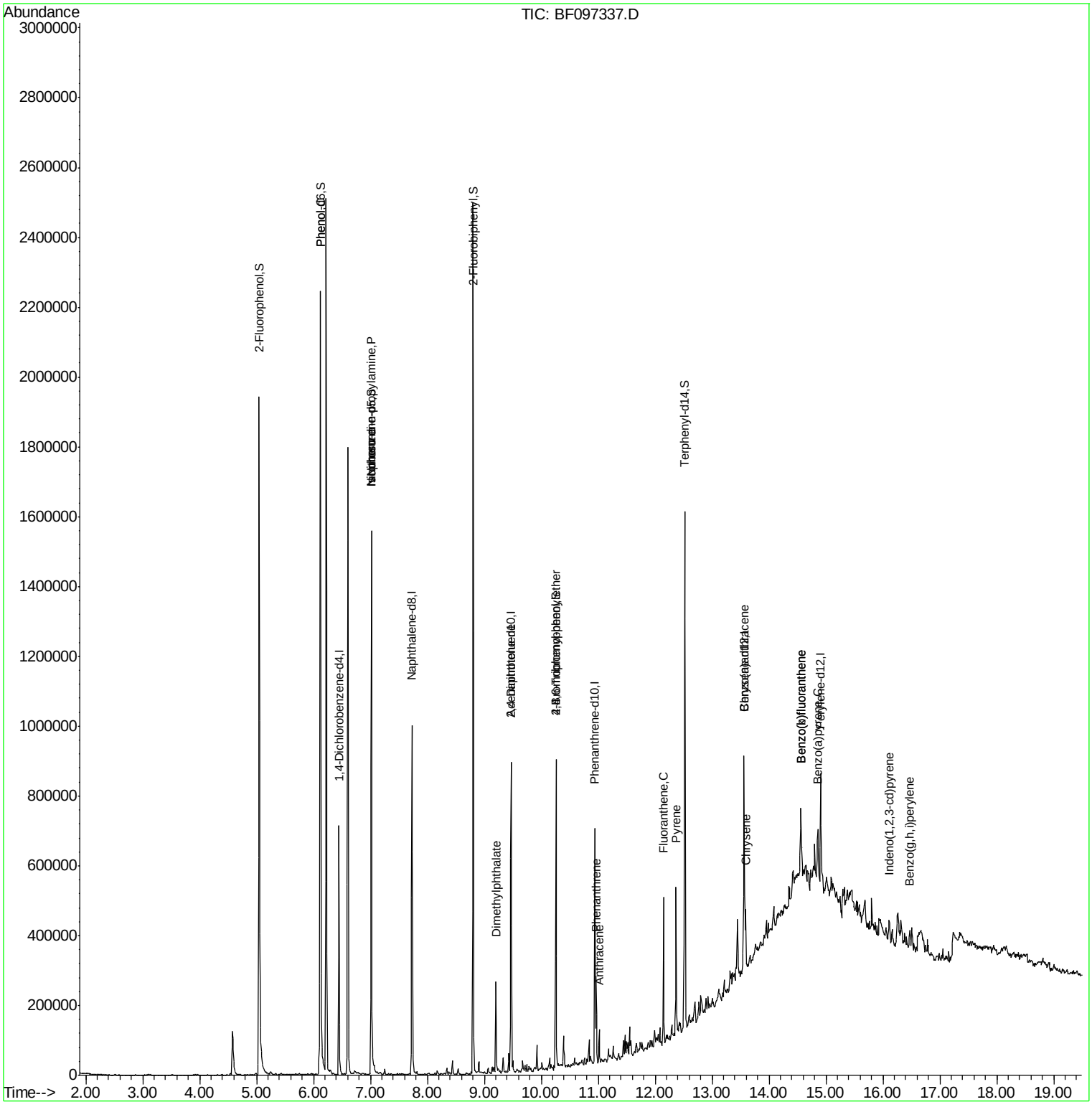
(#) = qualifier out of range (m) = manual integration (+) = signals summed

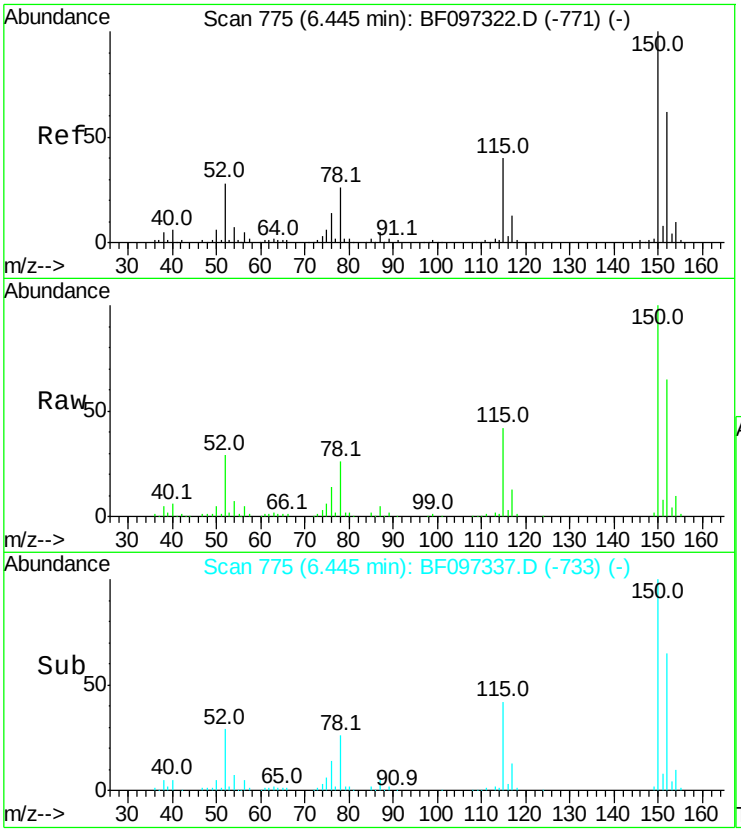
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097337.D
Acq On : 4 Aug 2017 00:48
Operator : SJ/JU
Sample : I4560-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Quant Time: Aug 04 02:21:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



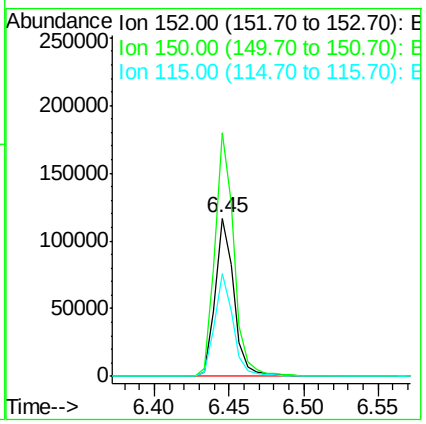


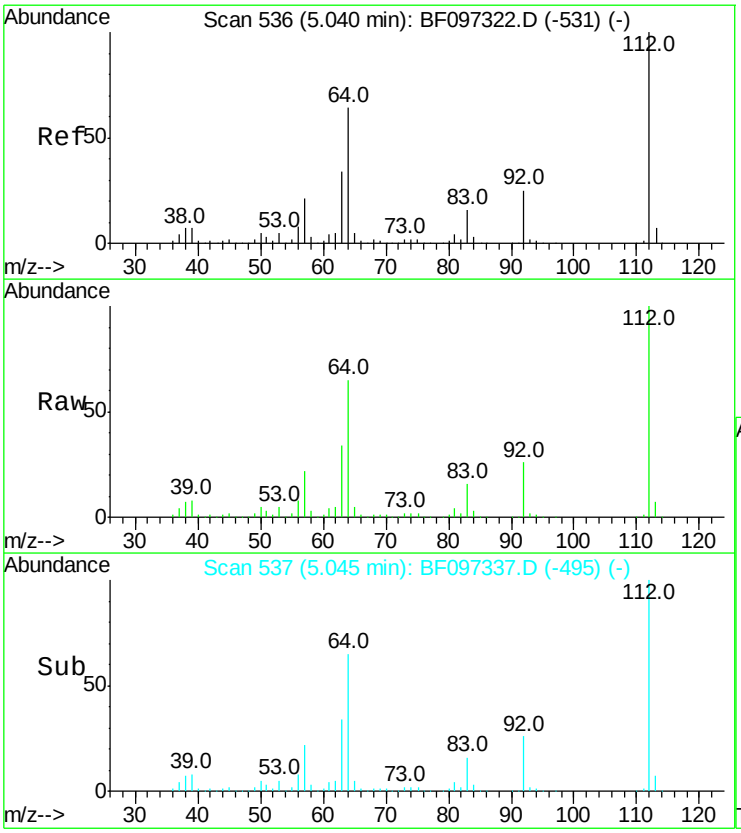
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:152 Resp: 102587

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	64.7	52.2	78.2

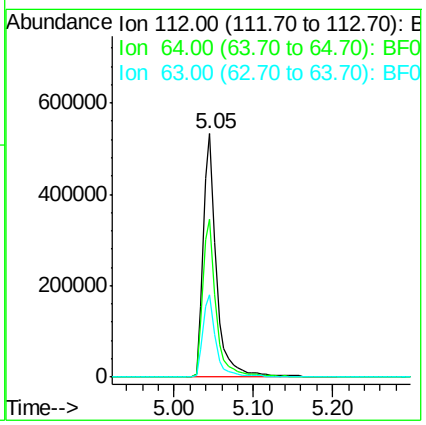


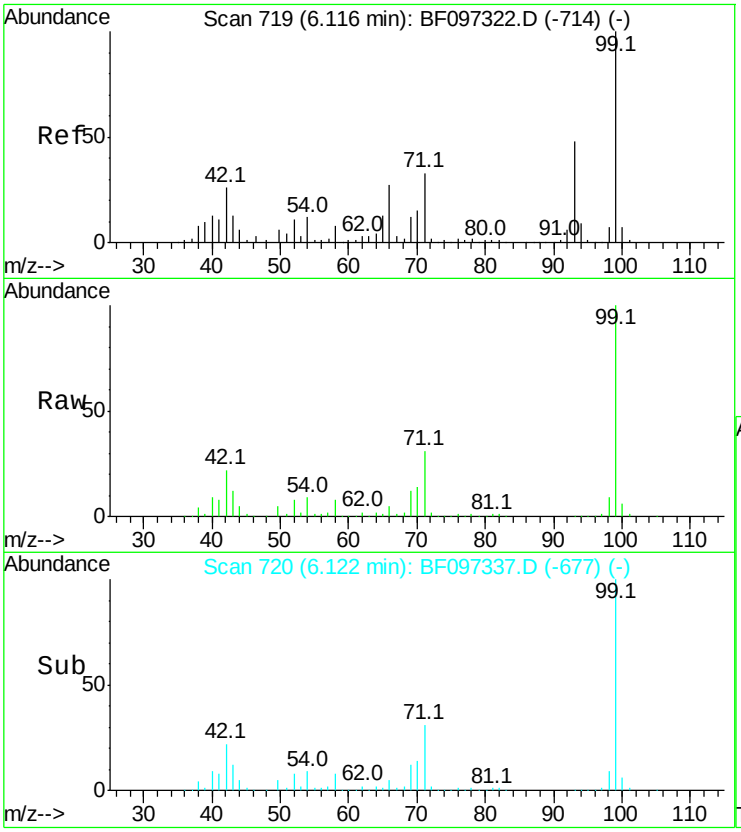


#5
2-Fluorophenol
Concen: 92.526 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:112 Resp: 629655

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.9	23.4	35.0



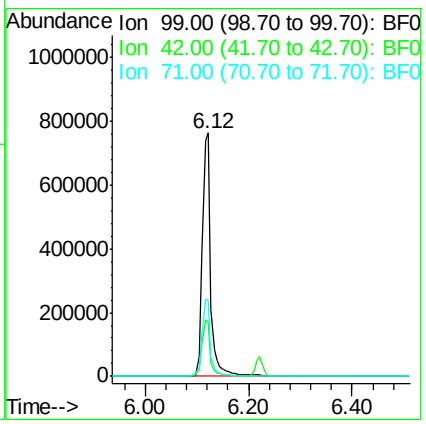


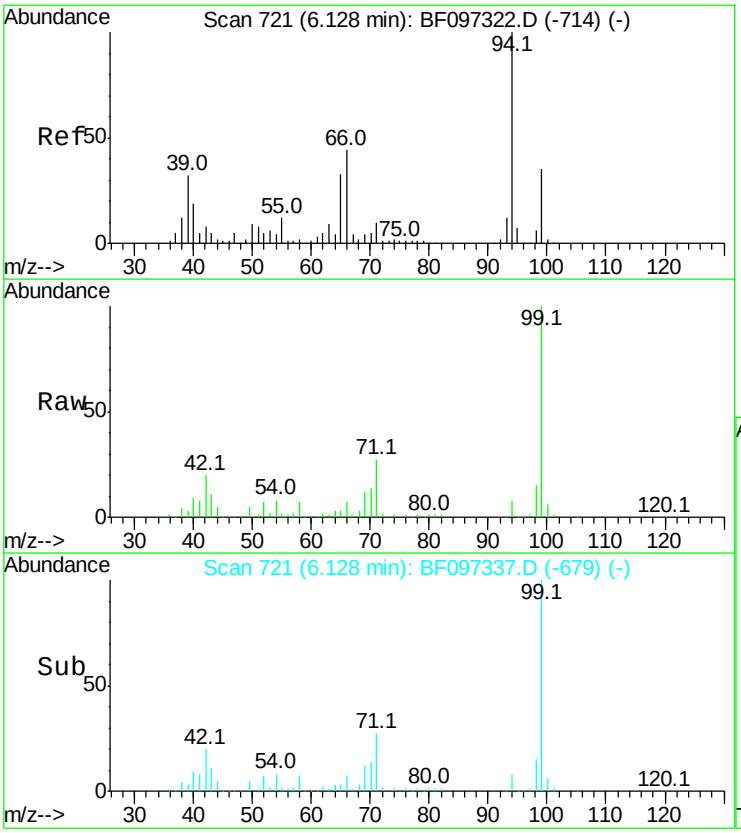
#7
Phenol-d6
Concen: 112.070 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion: 99 Resp: 870664

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.0	24.5	36.7

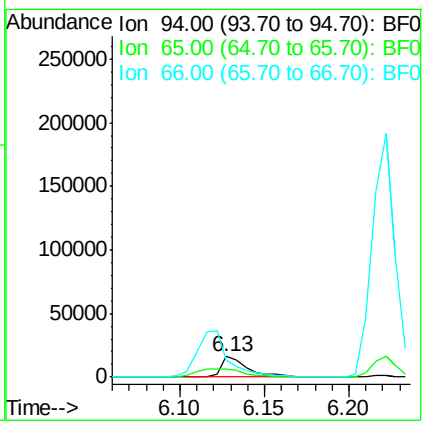


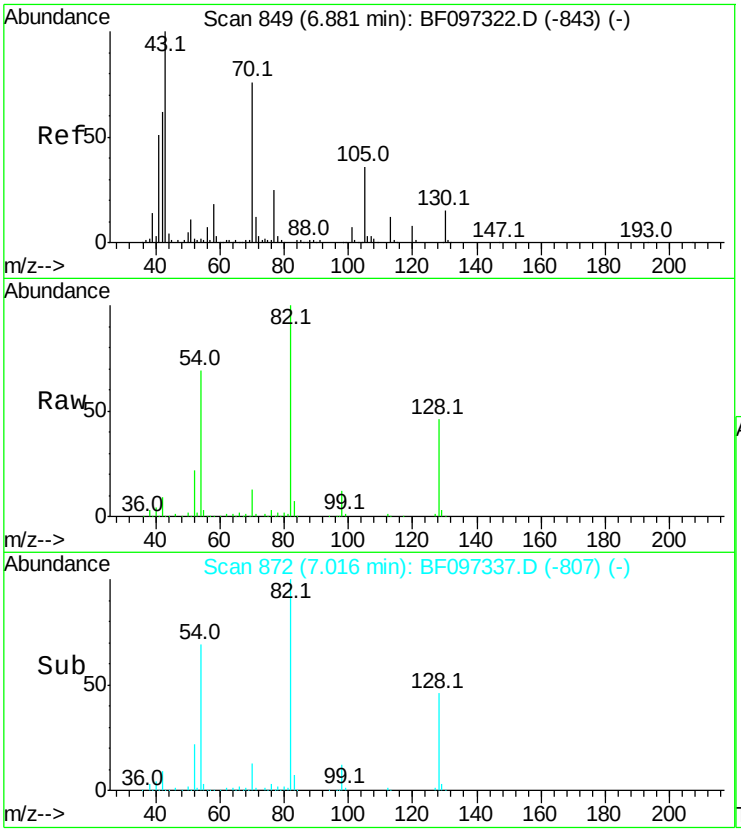


#10
Phenol
Concen: 2.003 ng
RT: 6.13 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion: 94 Resp: 18458

Ion	Ratio	Lower	Upper
94	100		
65	39.4	9.9	49.9
66	85.2	23.1	63.1#



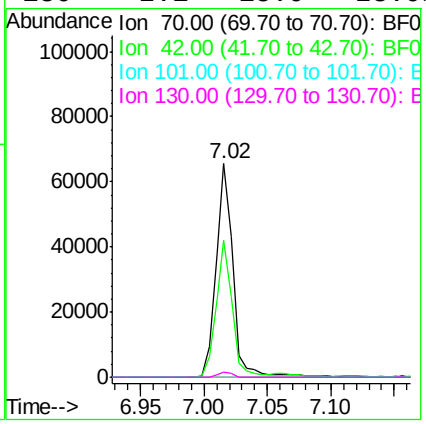


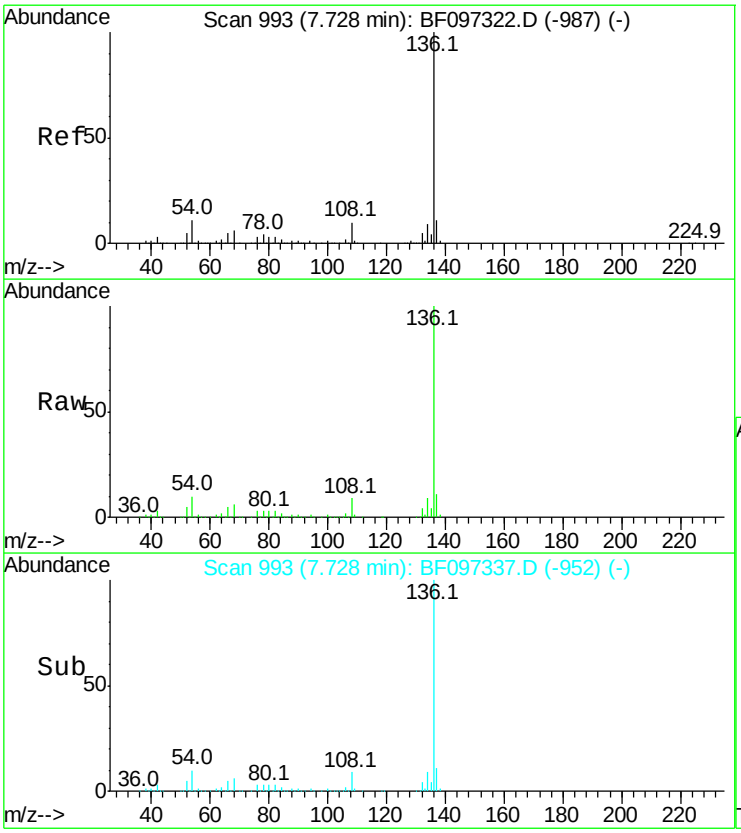
#19
n-Nitroso-di-n-propylamine
Concen: 12.133 ng
RT: 7.02 min Scan# 872
Delta R.T. 0.08 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion: 70 Resp: 62044

Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

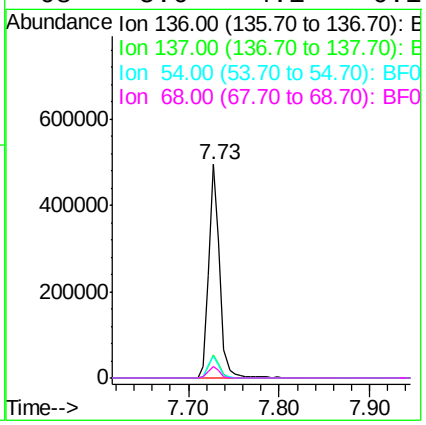


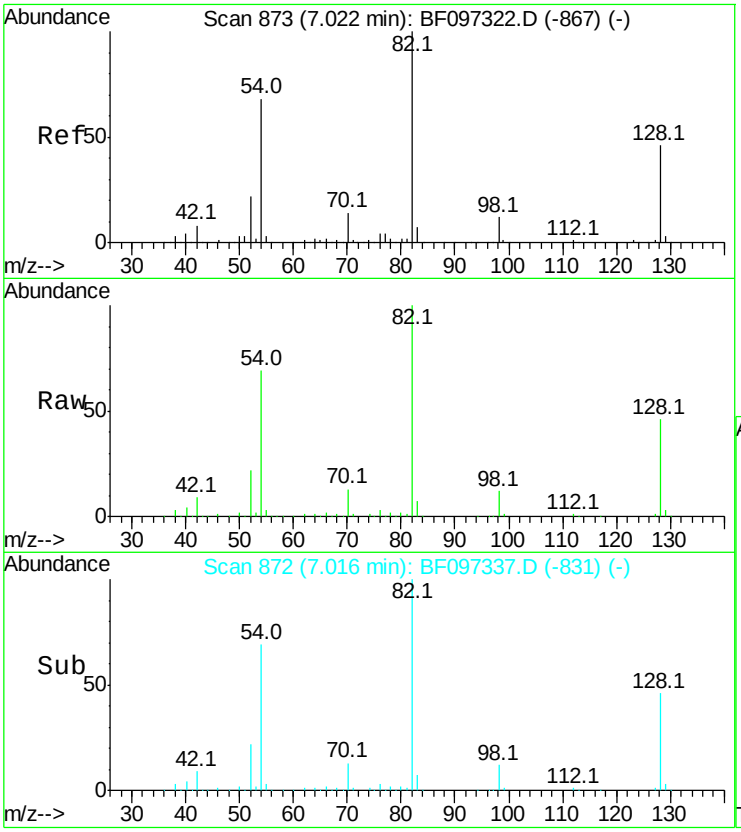


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:136 Resp: 422676

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.4	4.9	7.3#
68	5.6	4.1	6.1



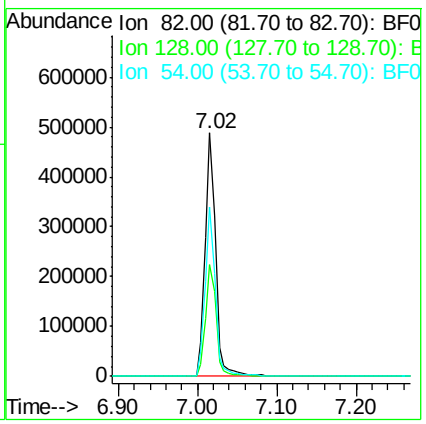


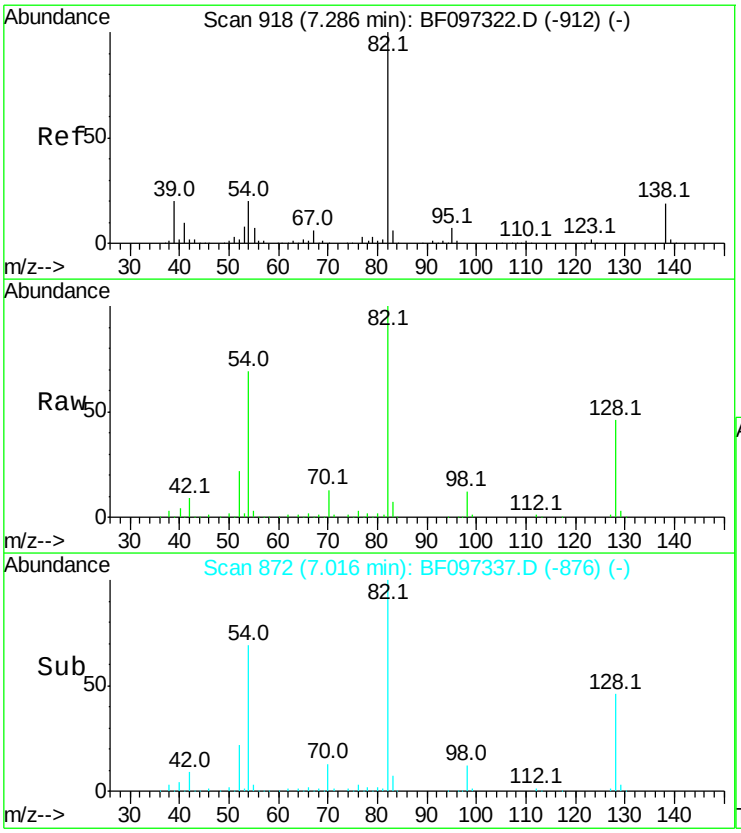
#23
Nitrobenzene-d5
Concen: 63.961 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion: 82 Resp: 460842

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	69.4	42.2	63.2#

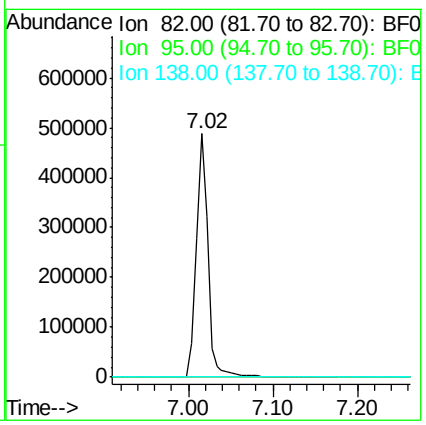


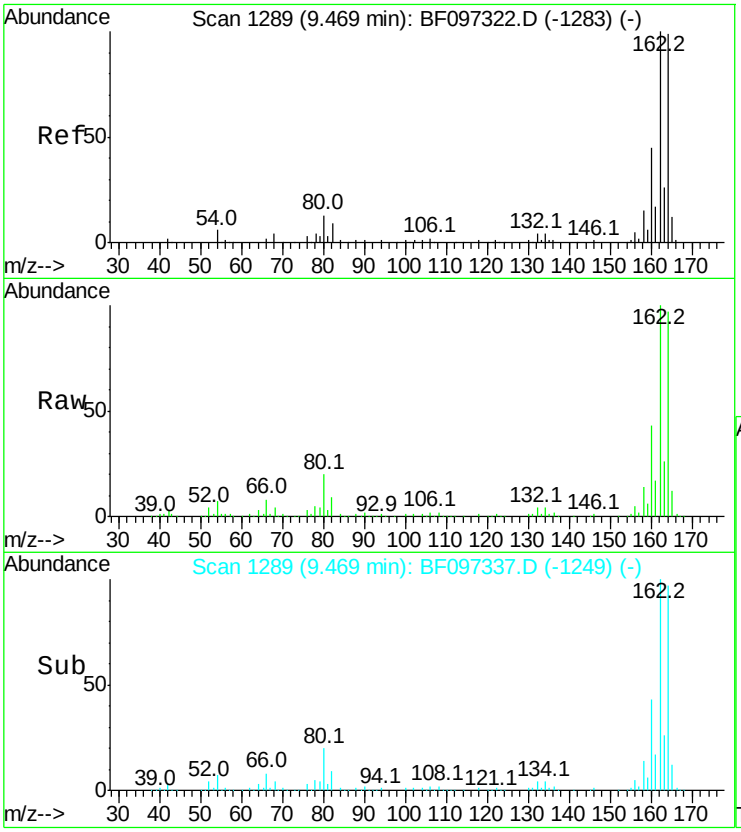


#25
Isophorone
Concen: 32.363 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.32 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion: 82 Resp: 456644

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



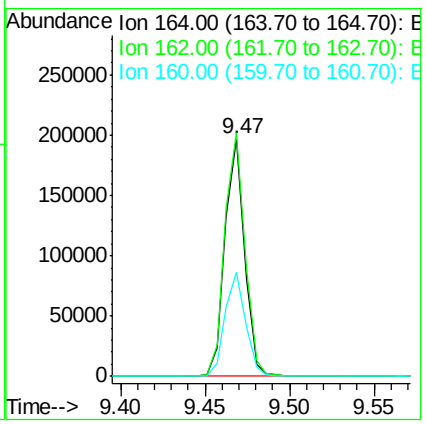


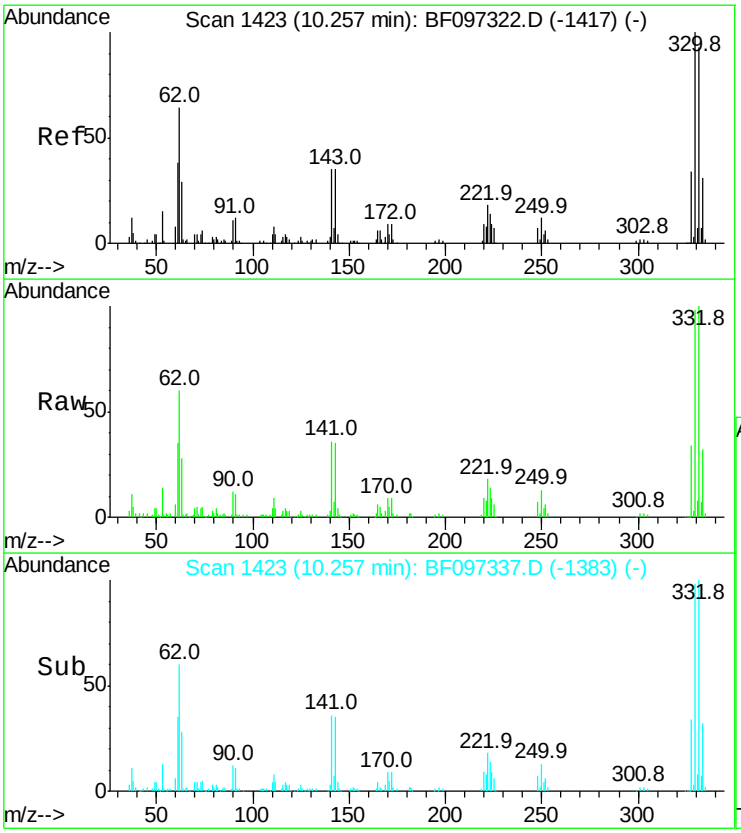
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:164 Resp: 158777

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.1	36.2	54.2

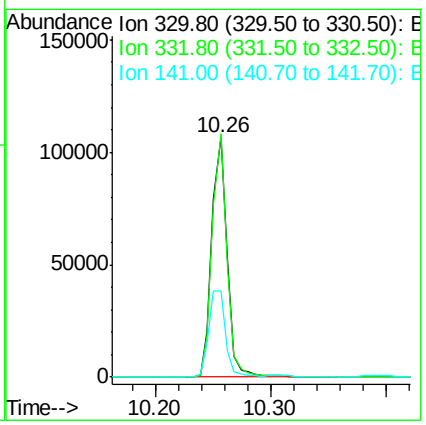


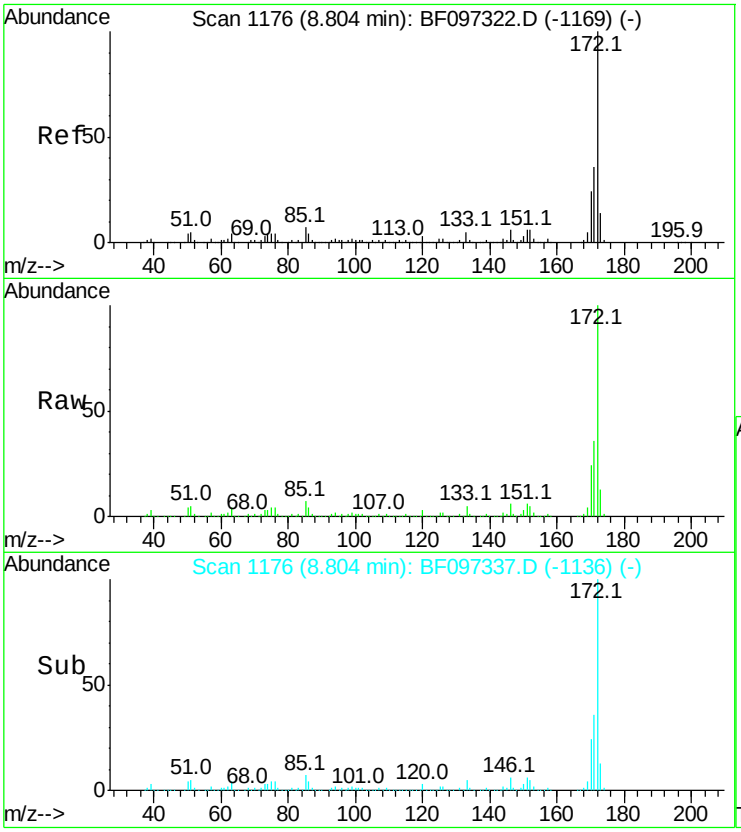


#41
2,4,6-Tribromophenol
Concen: 78.936 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:330 Resp: 99025

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.6	31.4	47.2



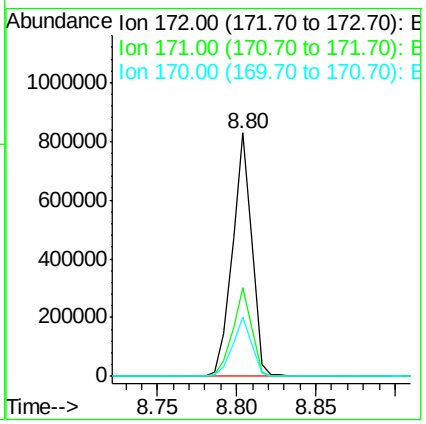


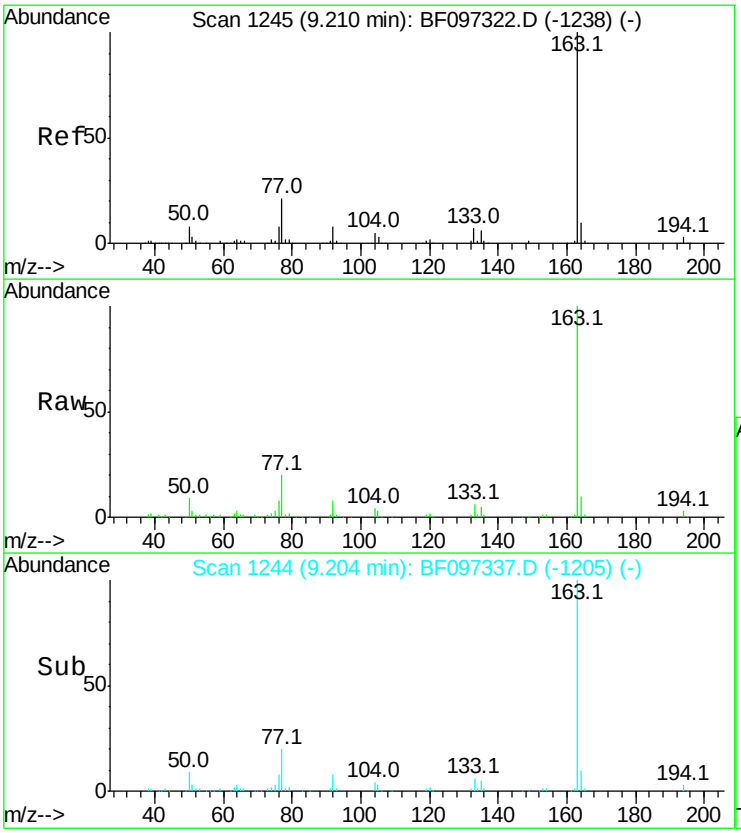
#44
2-Fluorobiphenyl
Concen: 74.967 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:172 Resp: 701376

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

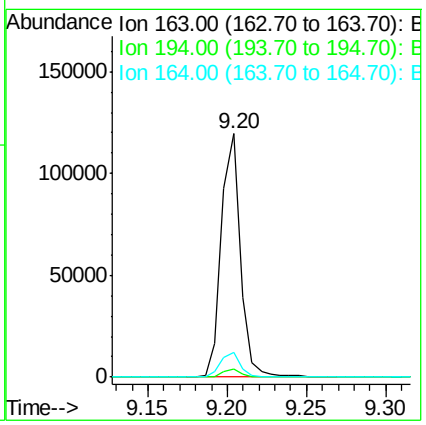


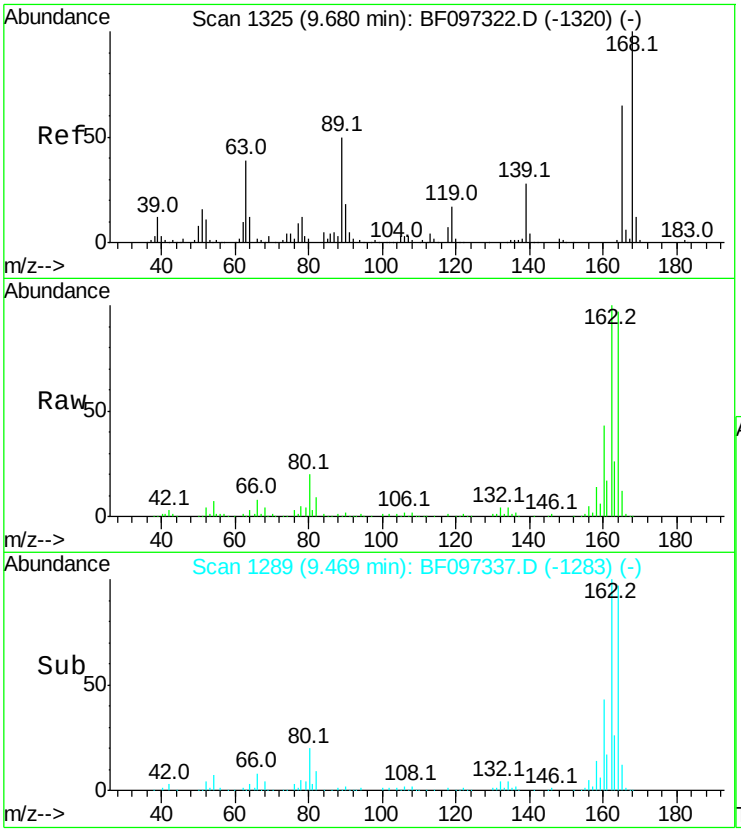


#49
Dimethylphthalate
Concen: 8.316 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.07 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:163 Resp: 100269

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



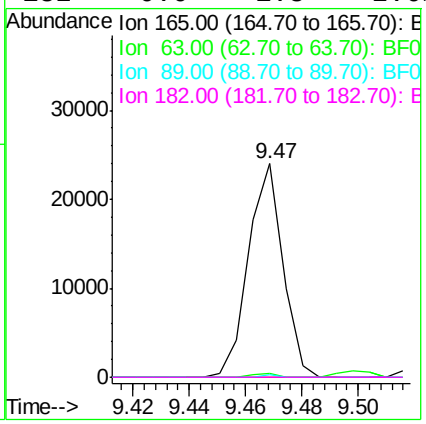


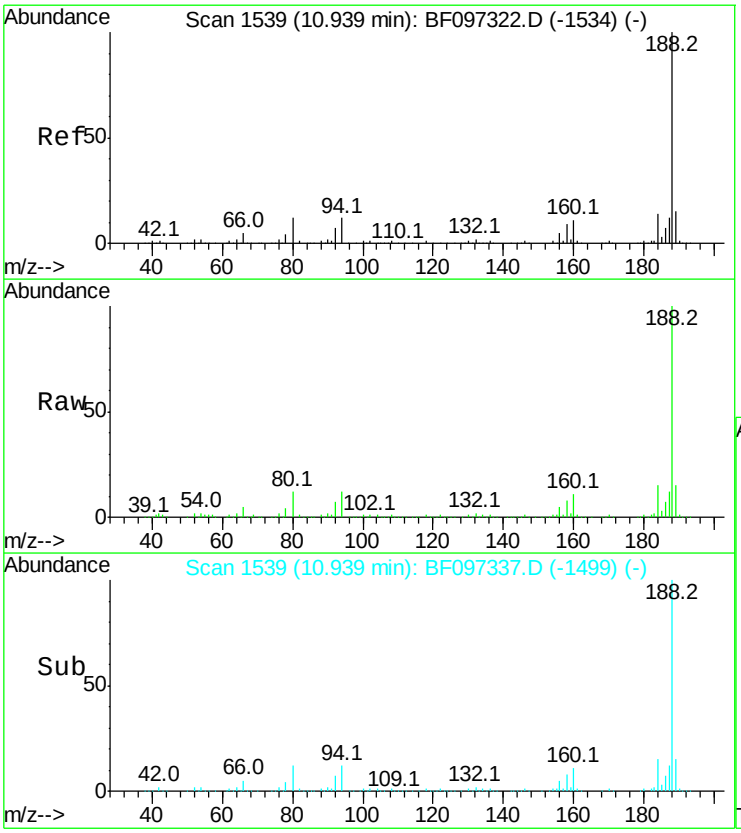
#56
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.26 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:165 Resp: 20272

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

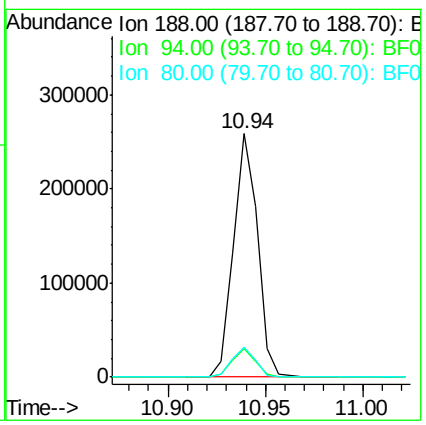


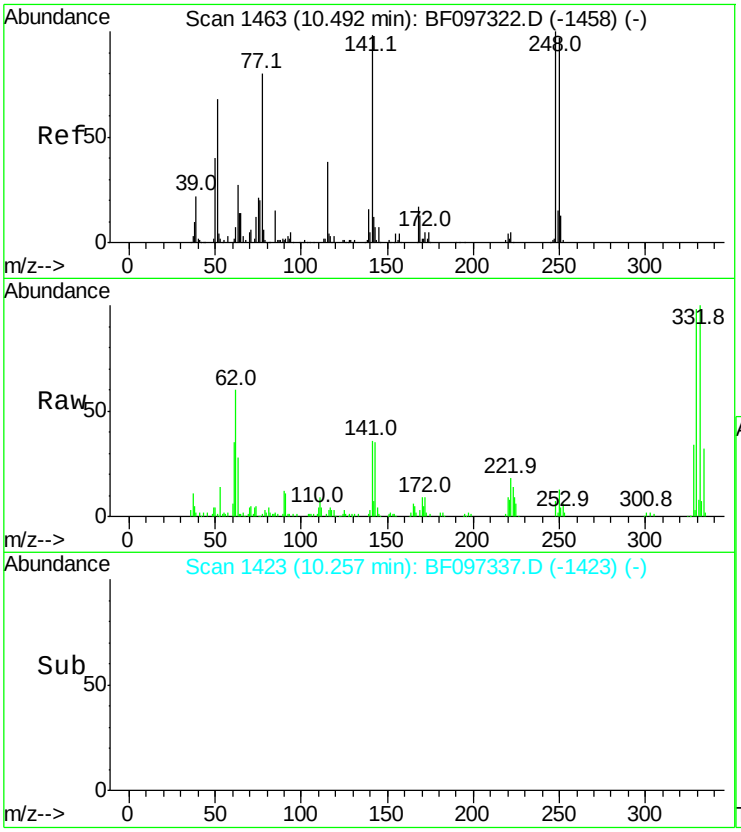


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:188 Resp: 221088

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.4	10.2	15.2



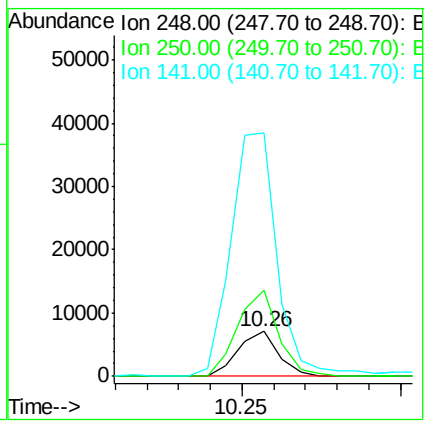


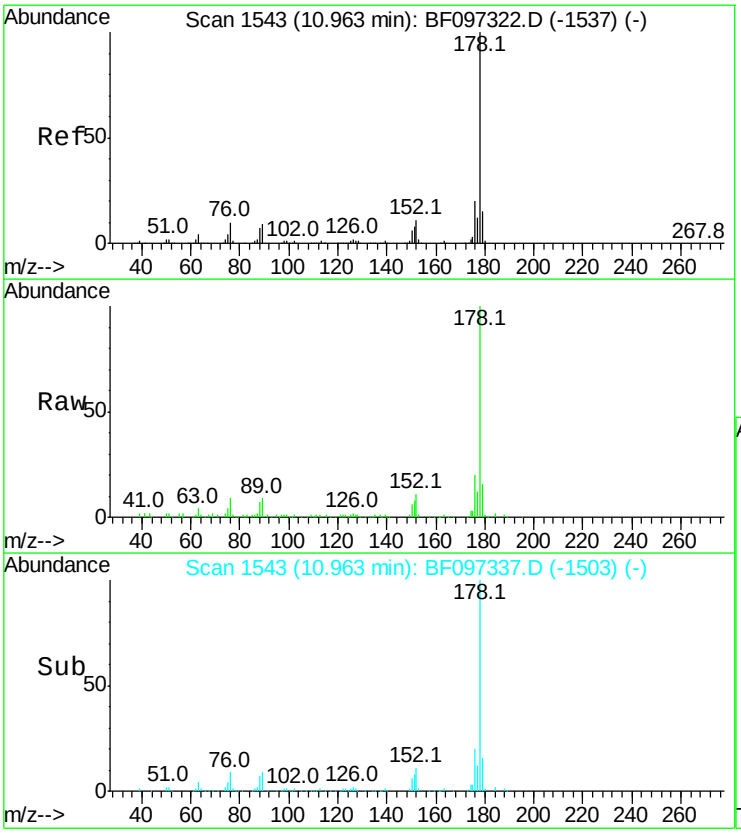
#66
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.30 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:248 Resp: 6321

Ion	Ratio	Lower	Upper
248	100		
250	190.7	76.8	115.2#
141	539.5	68.6	103.0#

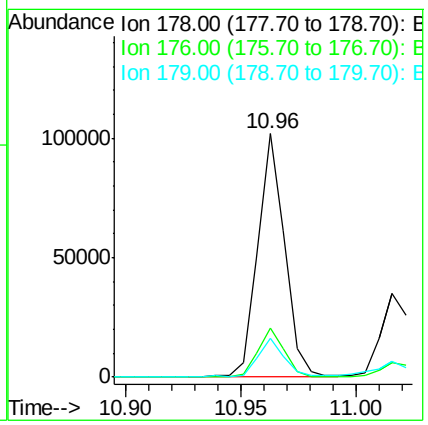


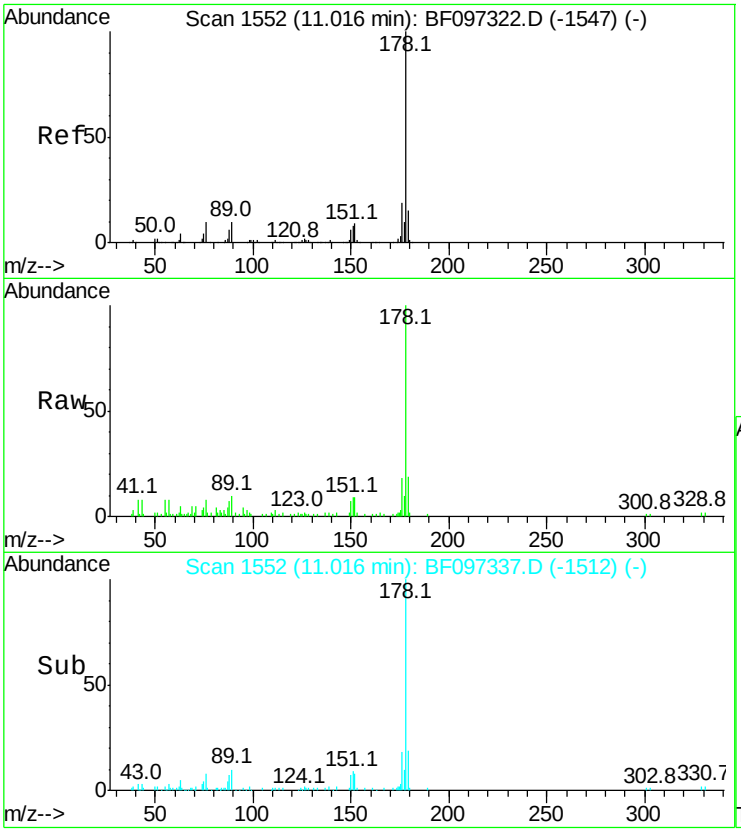


#70
Phenanthrene
Concen: 6.996 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:178 Resp: 82872

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.9	12.6	19.0



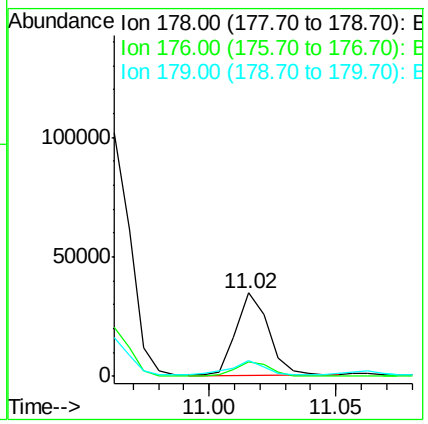


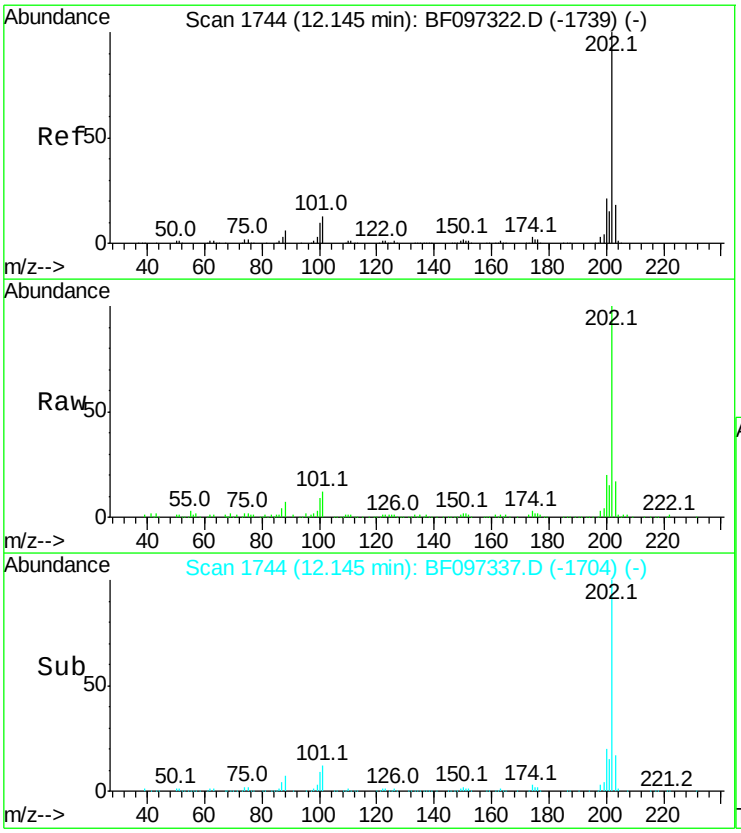
#71
Anthracene
Concen: 2.525 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:178 Resp: 30635

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	19.0	12.7	19.1

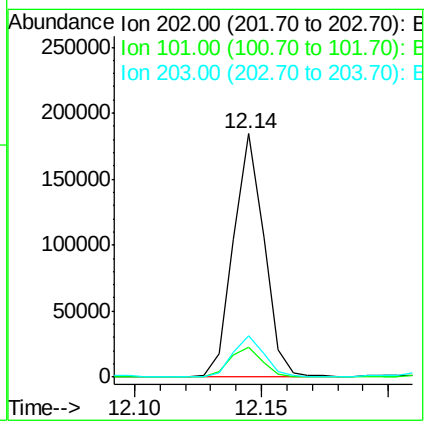


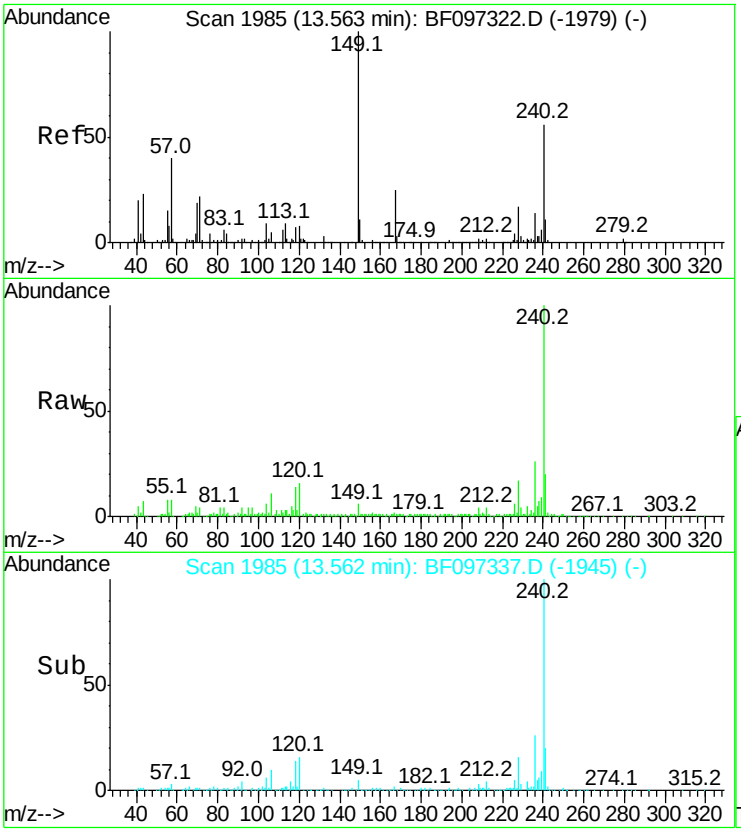


#74
Fluoranthene
Concen: 13.251 ng
RT: 12.14 min Scan# 1744
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:202 Resp: 153775

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.2	0.0	38.1



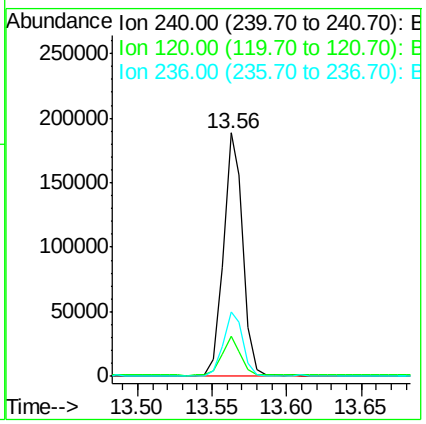


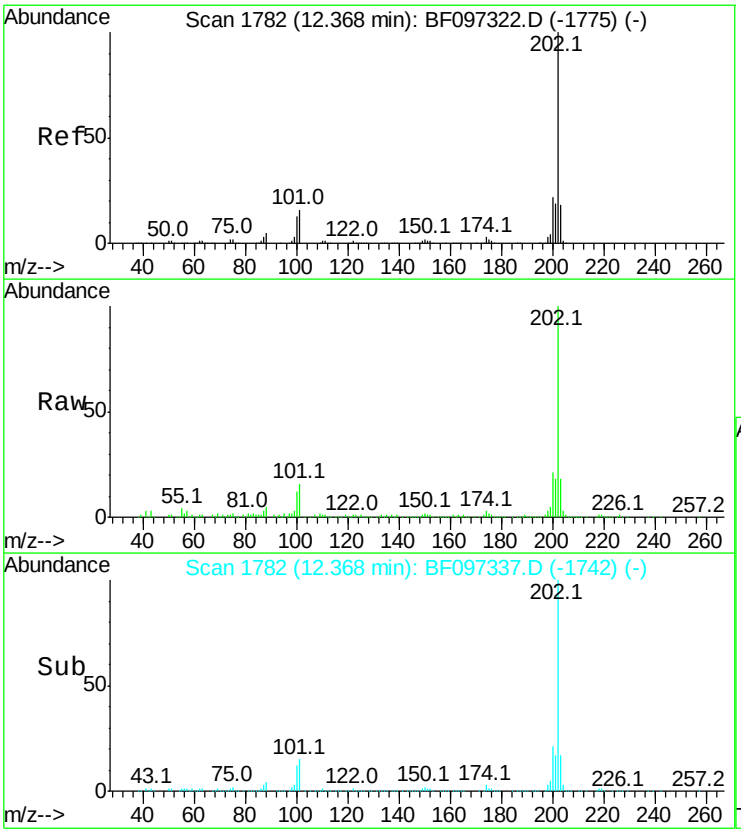
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:240 Resp: 172867

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	26.4	20.5	30.7

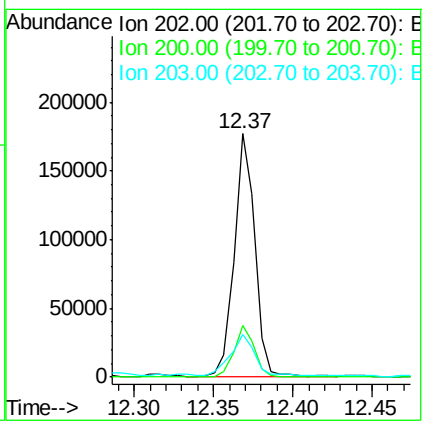


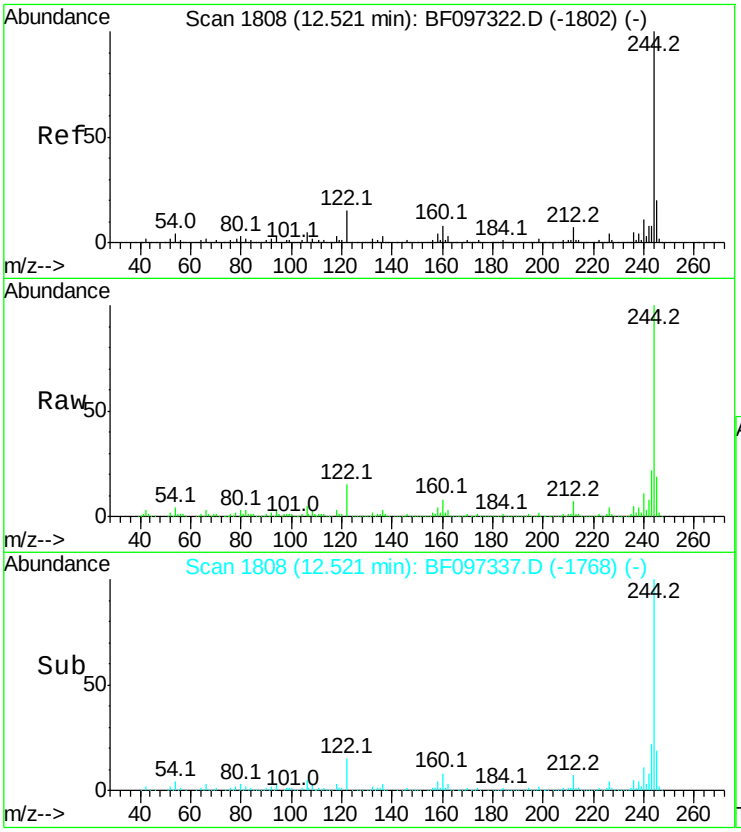


#77
Pyrene
Concen: 11.143 ng
RT: 12.37 min Scan# 1782
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:202 Resp: 157696

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.8	14.4	21.6



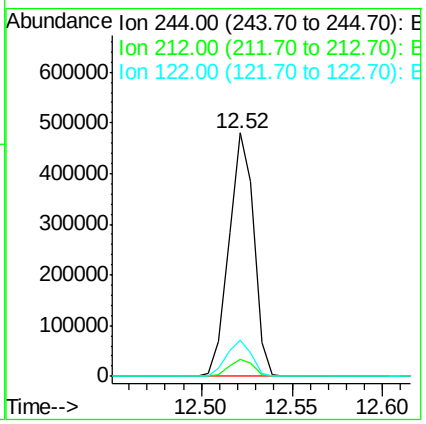


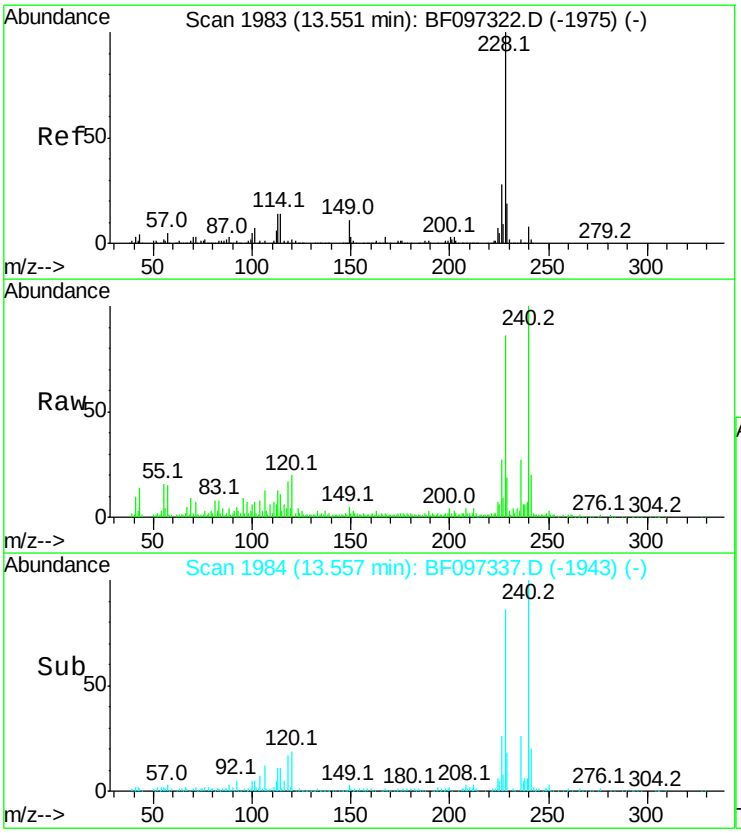
#78
Terphenyl-d14
Concen: 54.069 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:244 Resp: 458428

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.0	10.3	15.5

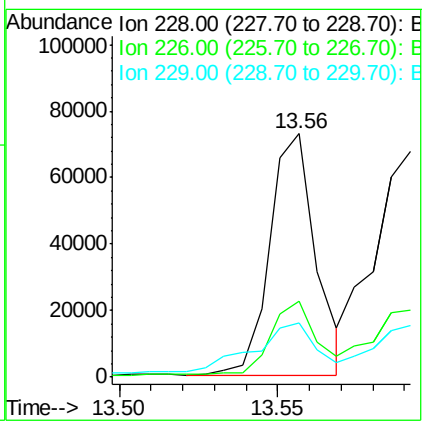


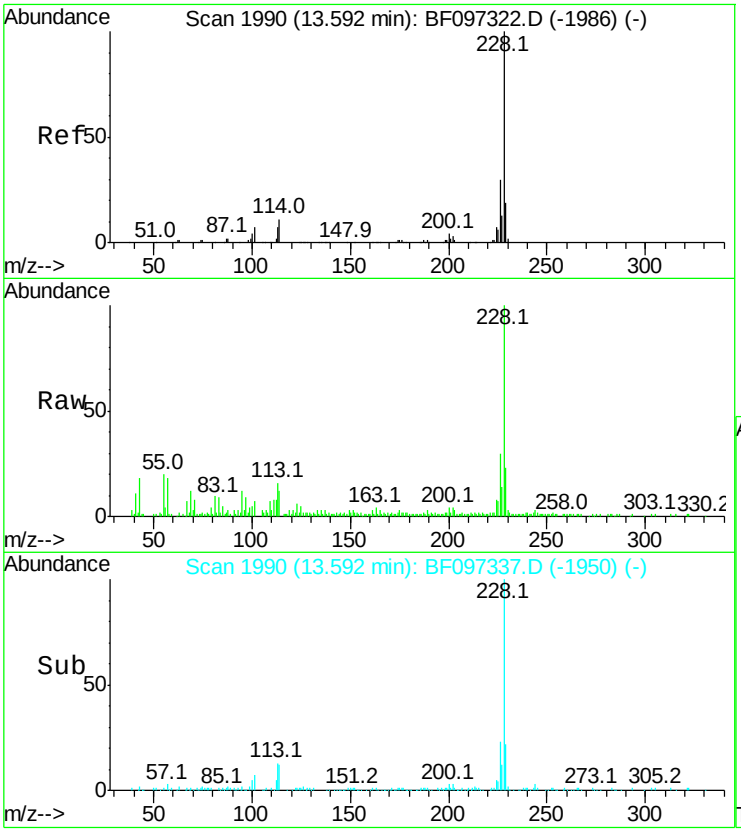


#80
Benzo(a)anthracene
Concen: 6.583 ng
RT: 13.56 min Scan# 1984
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:228 Resp: 73638

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.2	16.3	24.5



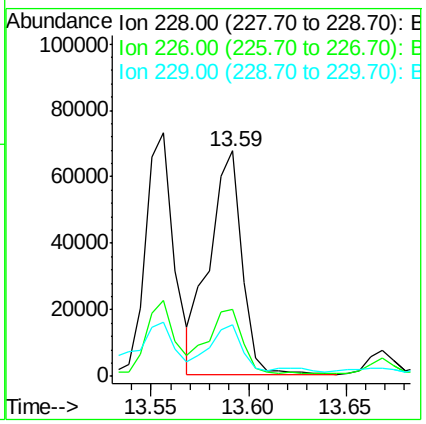


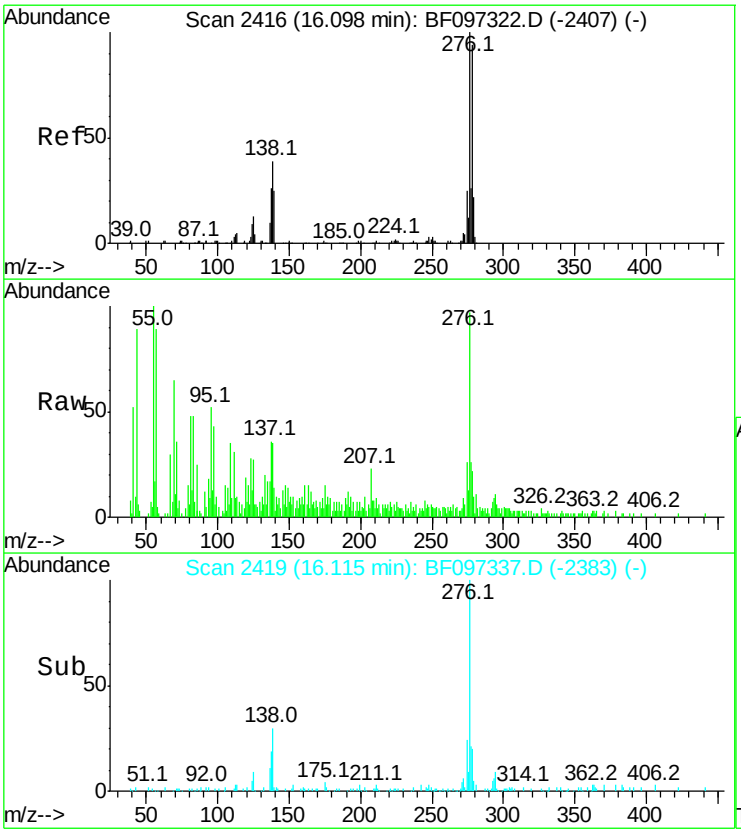
#82
Chrysene
Concen: 7.156 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:228 Resp: 78160

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	23.1	15.8	23.6

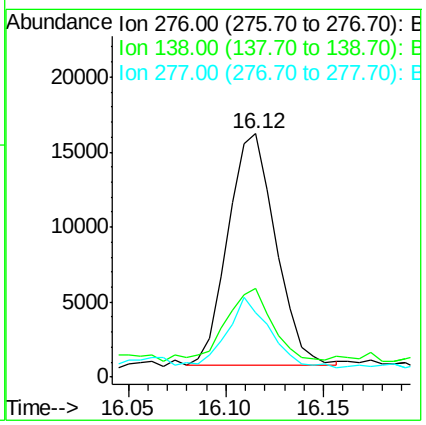


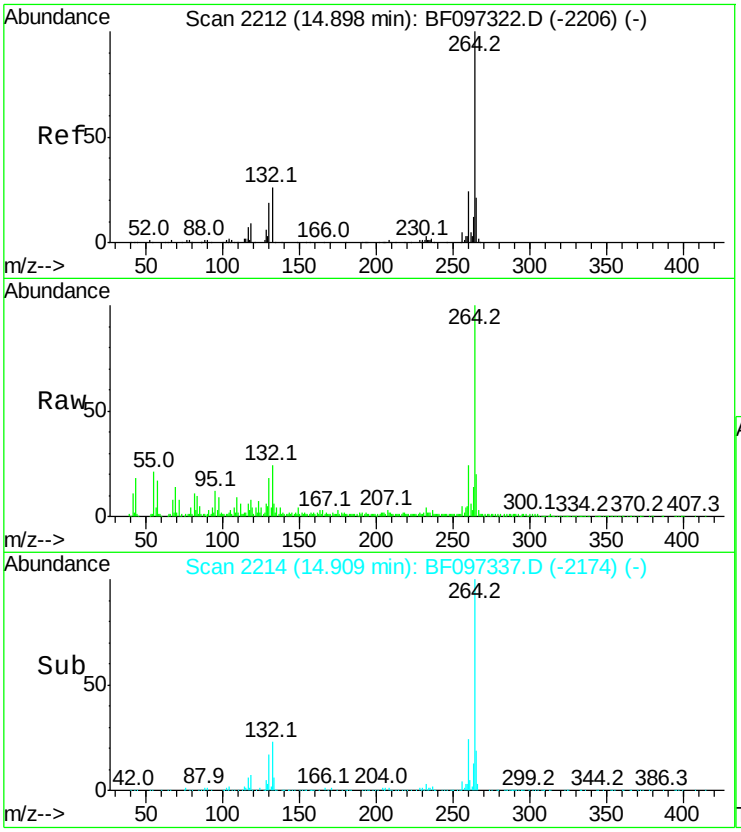


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.791 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.09 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:276 Resp: 26140

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	26.6	20.2	30.4



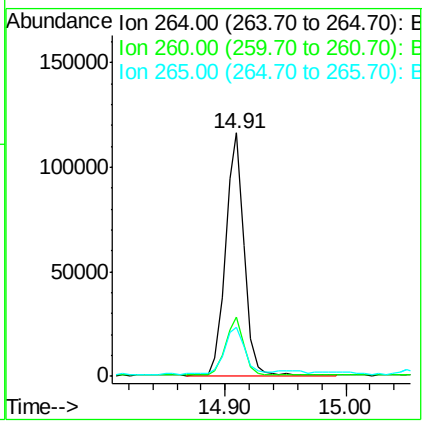


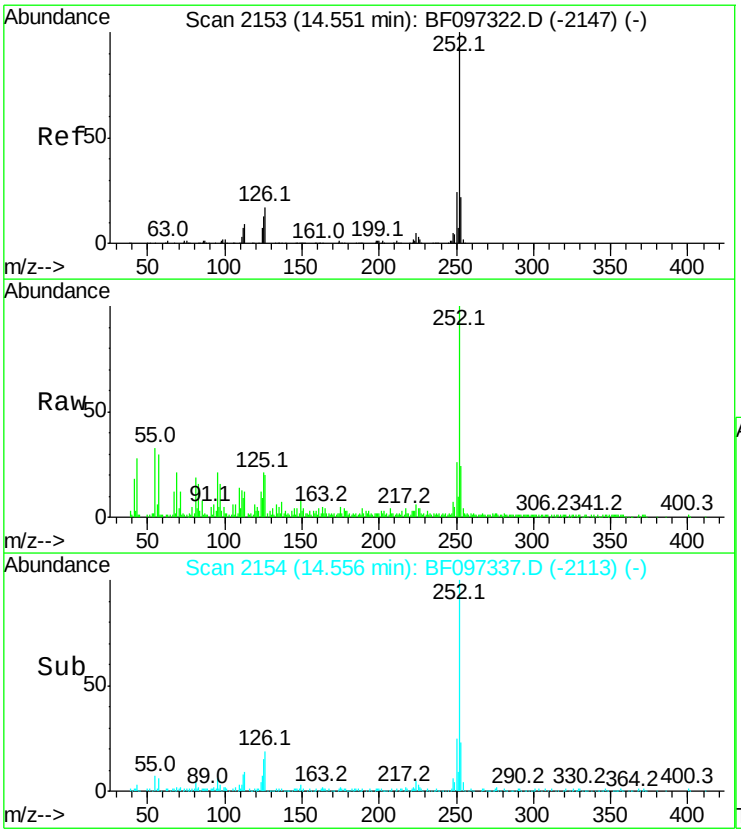
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:264 Resp: 121989

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.1	17.2	25.8

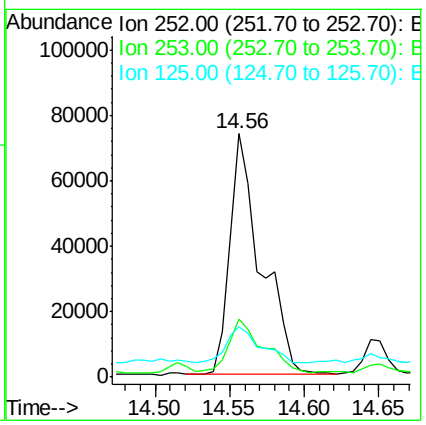


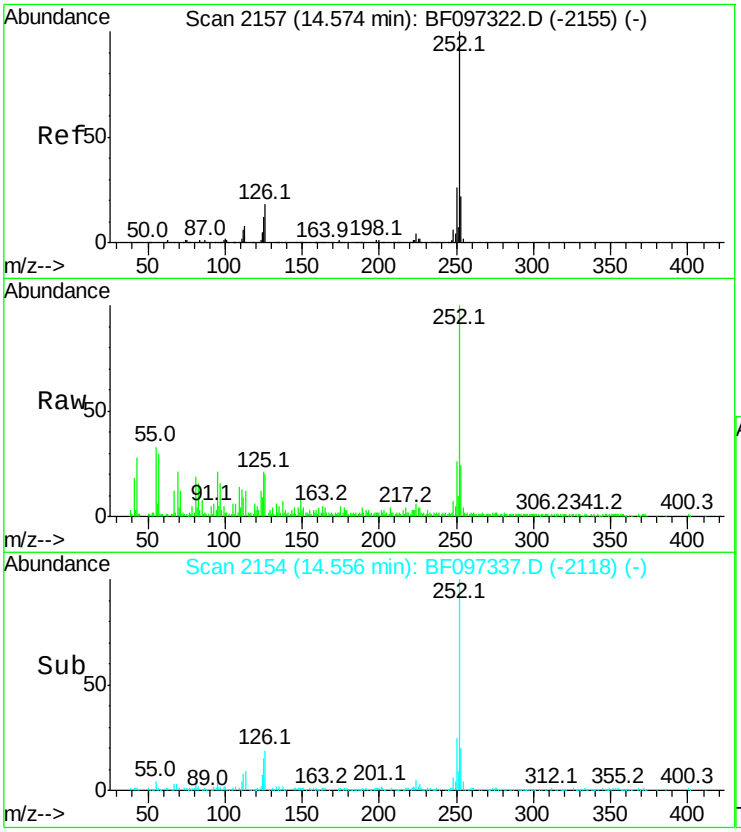


#87
Benzo(b)fluoranthene
Concen: 14.730 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:252 Resp: 108012

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	20.8	9.8	14.8#



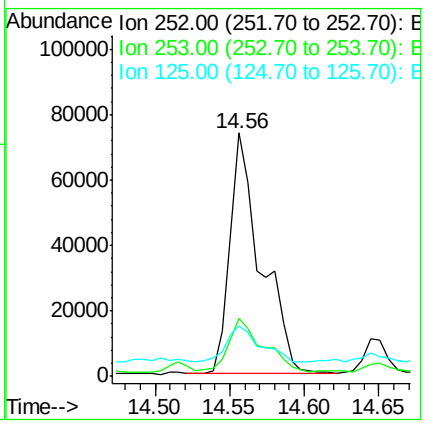


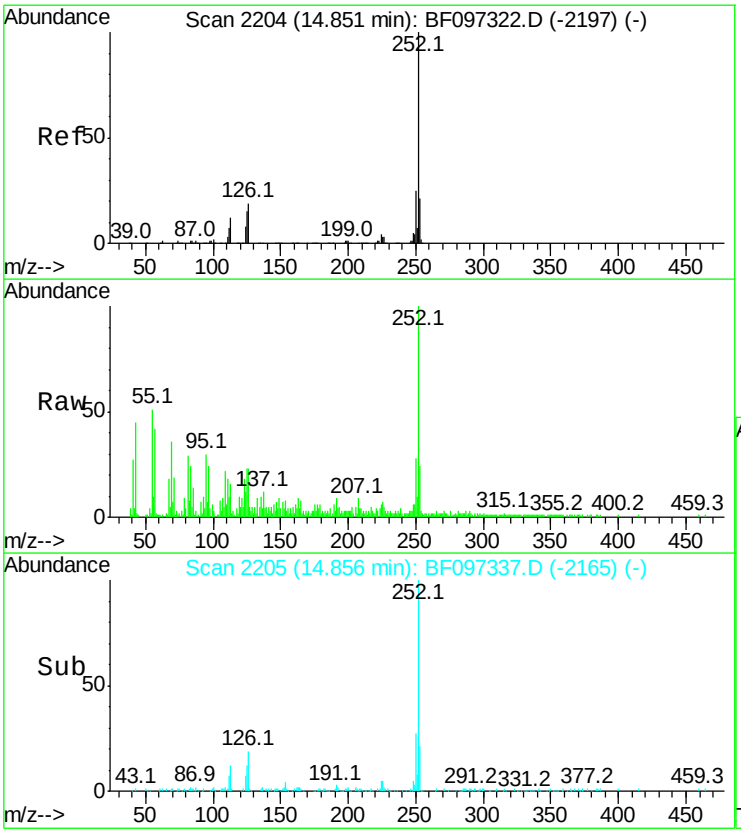
#88
Benzo(k)fluoranthene
Concen: 15.457 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.09 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:252 Resp: 108012

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	20.8	13.1	19.7#

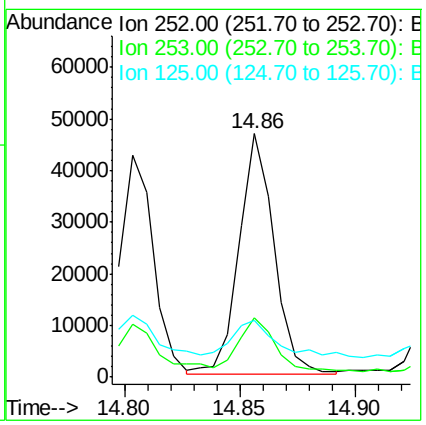


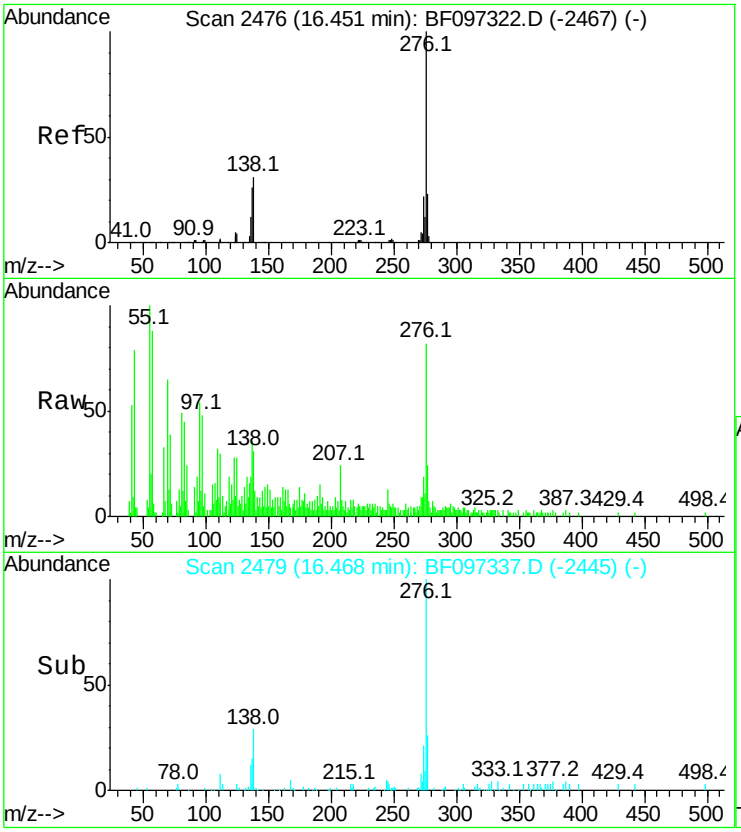


#89
Benzo(a)pyrene
Concen: 7.402 ng
RT: 14.86 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Tgt Ion:252 Resp: 49679

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	23.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.546 ng
RT: 16.47 min Scan# 2479
Delta R.T. -0.10 min
Lab File: BF097337.D
Acq: 4 Aug 2017 00:48

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tgt Ion:276 Resp: 26238

Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	38.0	25.4	38.0