Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083986.D
Acq On : 20 Dec 2015 8:13
Operator : UM/SJ
Sample : G4912-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-1(0-2)

Quant Time: Dec 21 01:05:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68255	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	292666	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	131054	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	223193	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	162771	20.00	ng		-0.02
86) Perylene-d12	15.44	264	116481	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	646863	148.31	ng		-0.01
7) Phenol-d6	6.50	99	632452	118.47	ng		-0.01
23) Nitrobenzene-d5	7.41	82	453711	88.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	216092	149.67	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	709112	74.51	ng		-0.03
78) Terphenyl-d14	12.96	244	785915	115.11	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	12771	3.97	ng		88
15) Benzyl Alcohol	7.00	79	8501	2.10	ng	#	44
19) n-Nitroso-di-n-propylamine	7.41	70	64402	20.69	ng	#	76
25) Isophorone	7.41	82	349397	36.21	ng	#	66
31) Naphthalene	8.16	128	26296	Below Cal			99
36) 4-Chloro-3-methylphenol	8.60	107	211	Below Cal		#	20
45) 1,1'-Biphenyl	9.31	154	3928	Below Cal			94
49) Dimethylphthalate	9.61	163	214894	19.54	ng	#	91
51) Acenaphthene	9.92	154	28894	3.08	ng		99
54) Dibenzofuran	10.09	168	26346	2.16	ng		95
55) 4-Nitrophenol	10.09	139	10637	6.74	ng	#	12
56) 2,4-Dinitrotoluene	9.88	165	17687	5.75	ng	#	22
57) Fluorene	10.43	166	27440	Below Cal		#	99
64) 4,6-Dinitro-2-methylphenol	10.67	198	265	4.11	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	13392	4.91	ng	#	1
70) Phenanthrene	11.39	178	321079	23.81	ng		98
71) Anthracene	11.45	178	105851	8.12	ng		98
72) Carbazole	11.60	167	39732	3.08	ng		99
74) Fluoranthene	12.58	202	483972	35.97	ng		99
77) Pyrene	12.81	202	465563	44.89	ng		100
80) Benzo(a)anthracene	14.00	228	223128	22.30	ng		98
82) Chrysene	14.00	228	223128	23.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	85096	11.77	ng		94
87) Benzo(b)fluoranthene	15.03	252	324158	38.17	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	324158	46.27	ng	#	98
89) Benzo(a)pyrene	15.38	252	121600	17.34	ng	#	95
90) Dibenzo(a,h)anthracene	16.85	278	23549	4.32	ng	#	73
91) Benzo(g,h,i)perylene	17.28	276	82148	15.36	ng		98

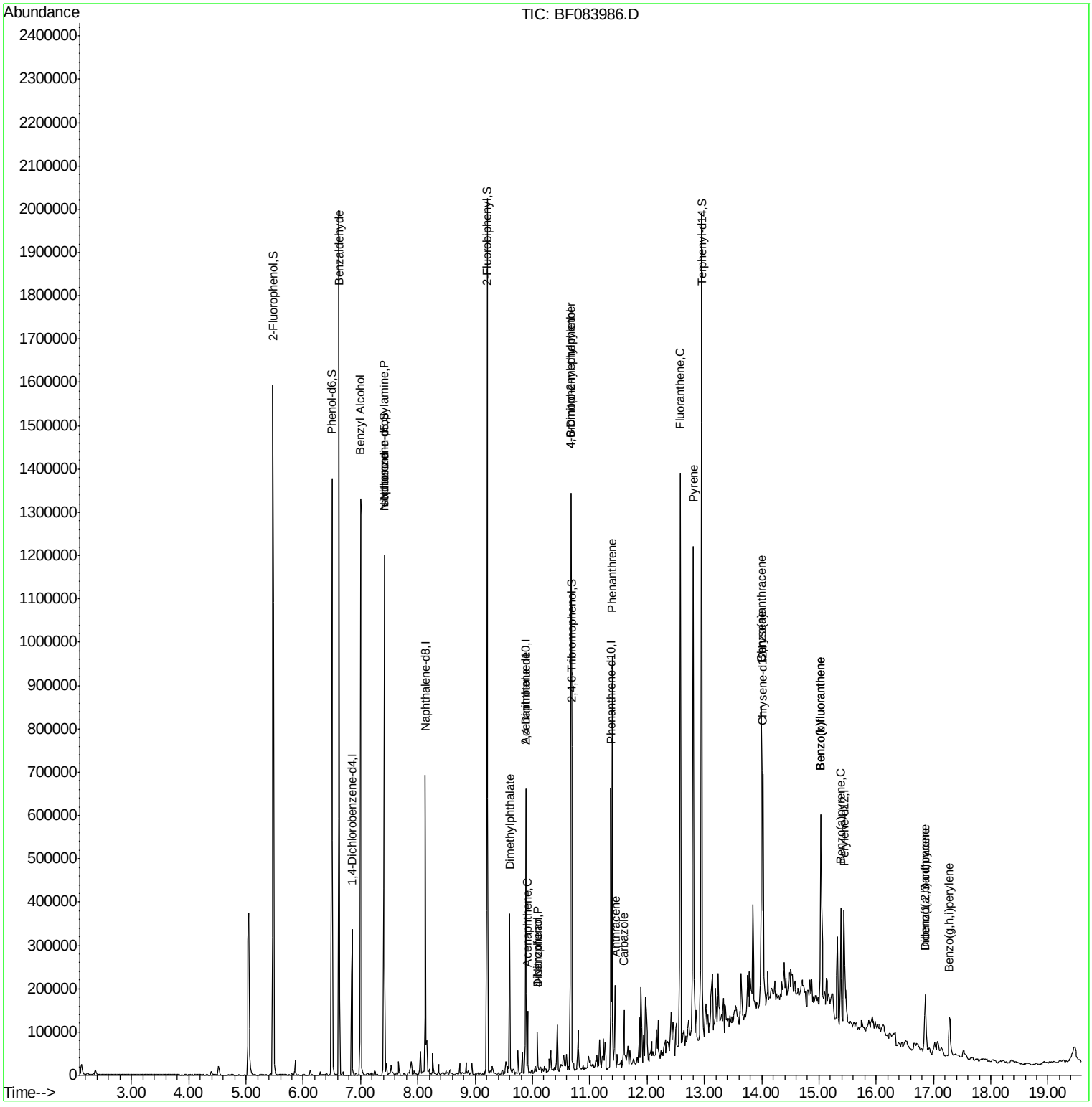
(#) = qualifier out of range (m) = manual integration (+) = signals summed

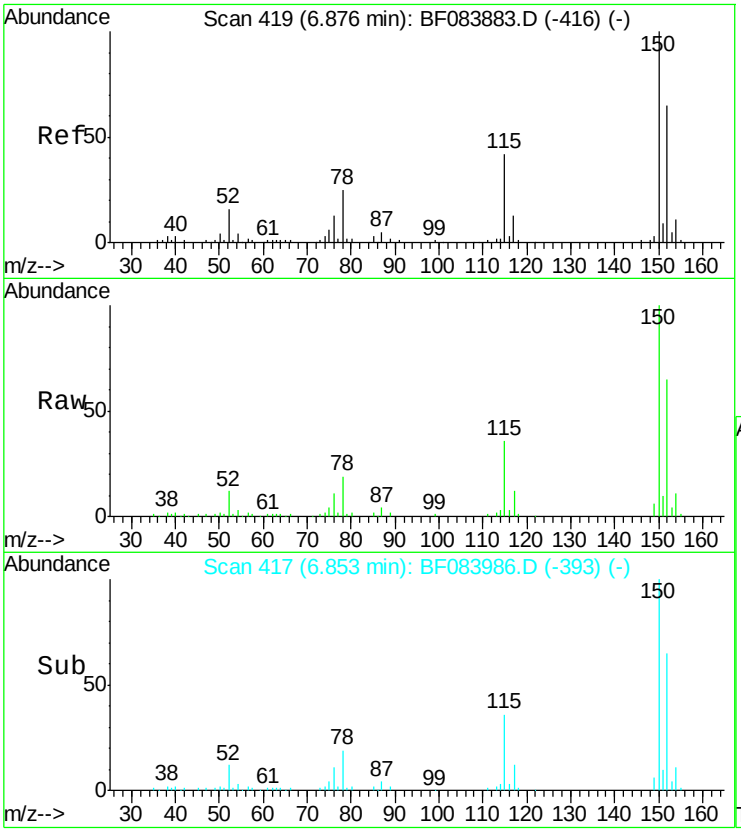
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083986.D
Acq On : 20 Dec 2015 8:13
Operator : UM/SJ
Sample : G4912-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Quant Time: Dec 21 01:05:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



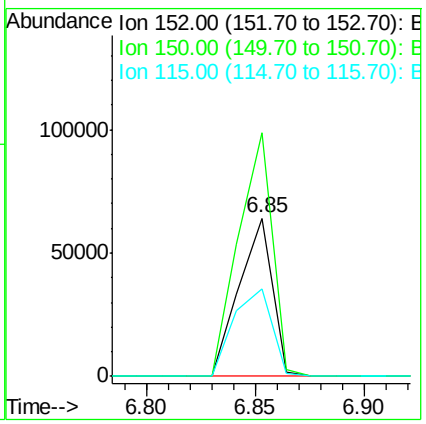


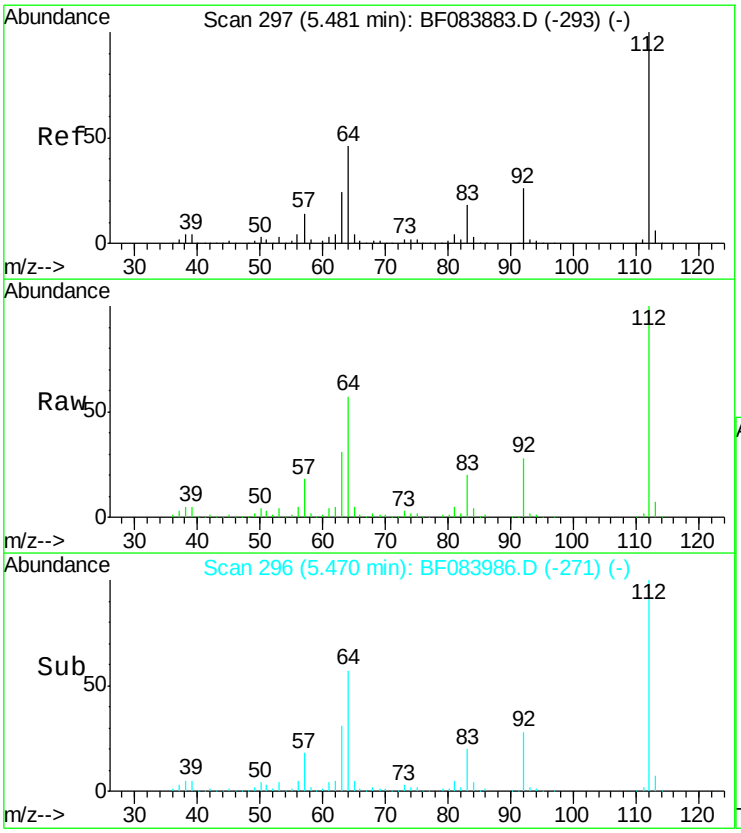
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:152 Resp: 68255

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.0	184.4
115	55.7	51.4	77.2

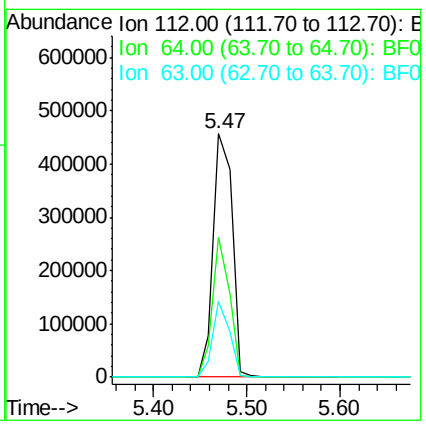


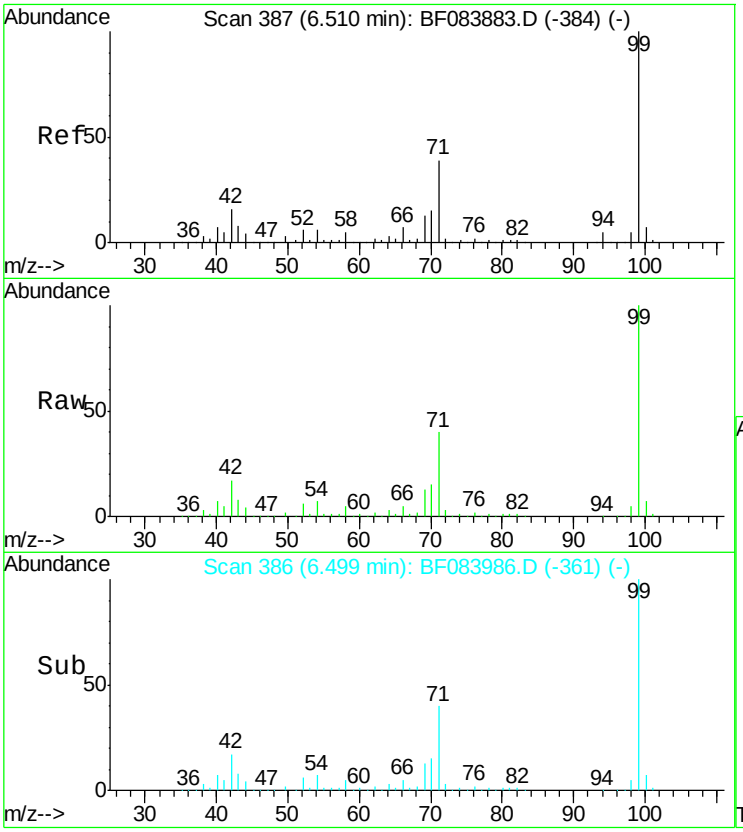


#5
2-Fluorophenol
Concen: 148.31 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:112 Resp: 646863

Ion	Ratio	Lower	Upper
112	100		
64	57.4	36.6	55.0#
63	31.0	19.4	29.0#



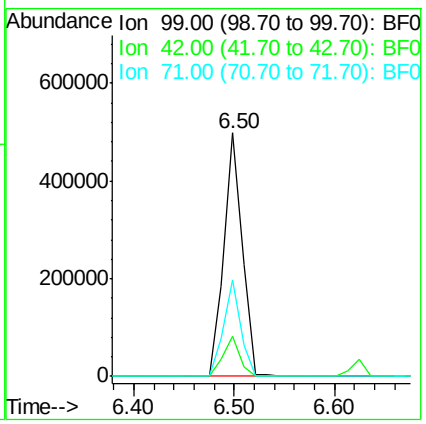


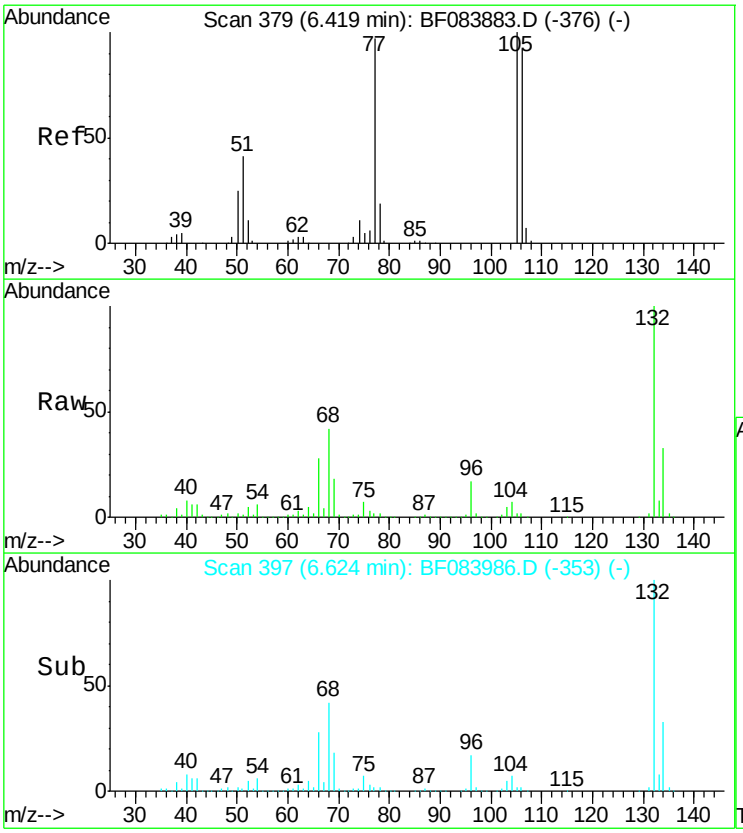
#7
Phenol-d6
Concen: 118.47 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion: 99 Resp: 632452

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	39.7	30.9	46.3

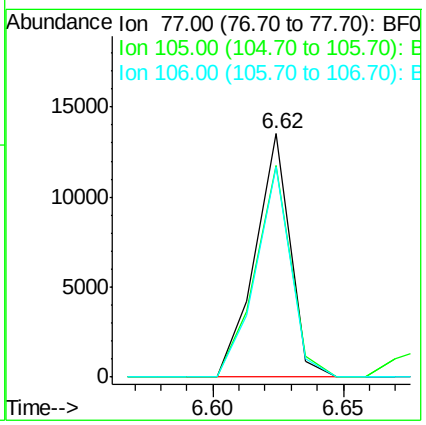


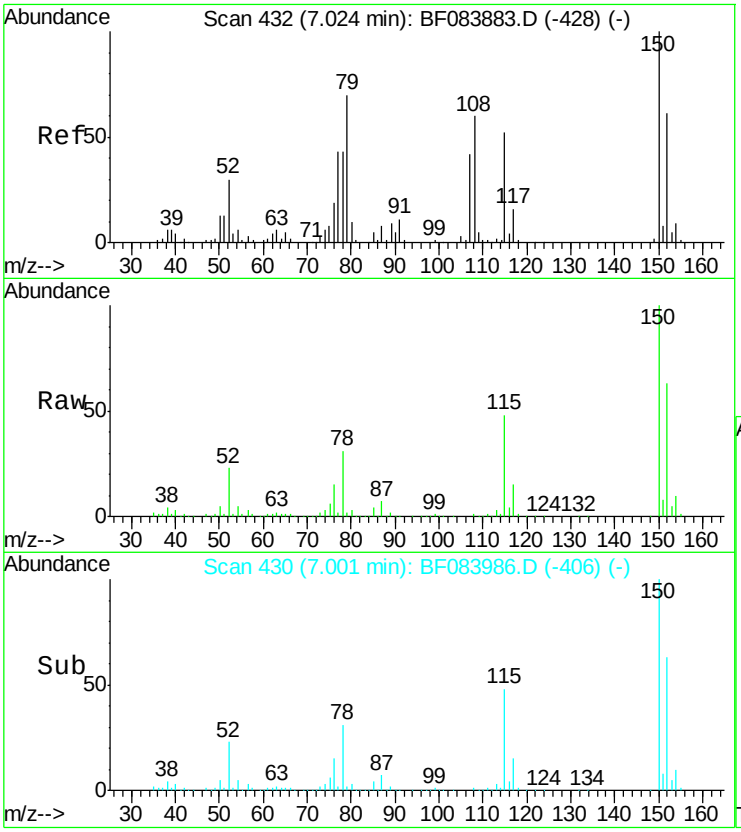


#9
Benzaldehyde
Concen: 3.97 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.21 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion: 77 Resp: 12771

Ion	Ratio	Lower	Upper
77	100		
105	86.8	83.0	123.0
106	86.2	74.6	114.6



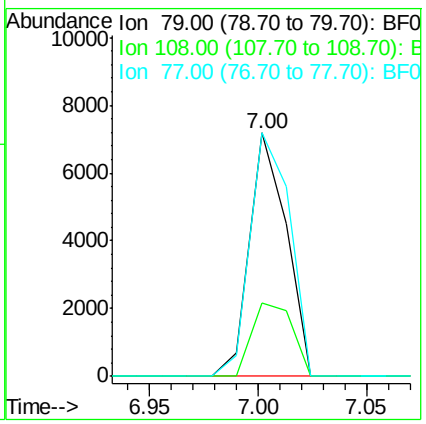


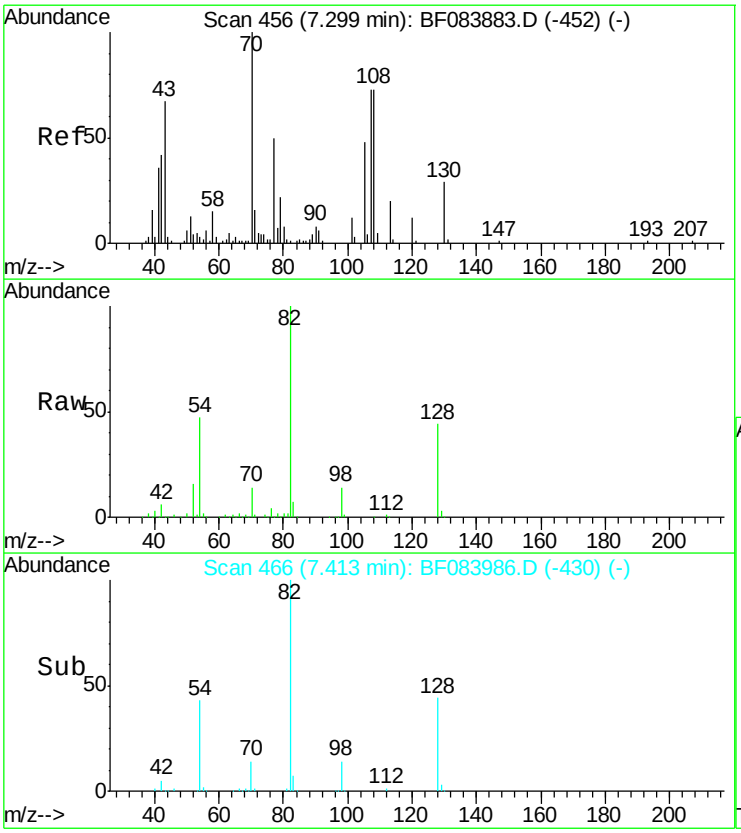
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion: 79 Resp: 8501

Ion	Ratio	Lower	Upper
79	100		
108	30.2	69.0	103.4#
77	99.8	50.0	75.0#

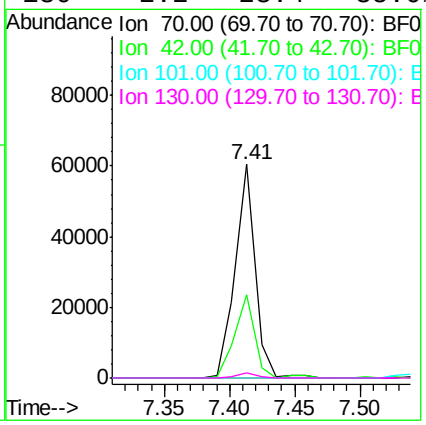


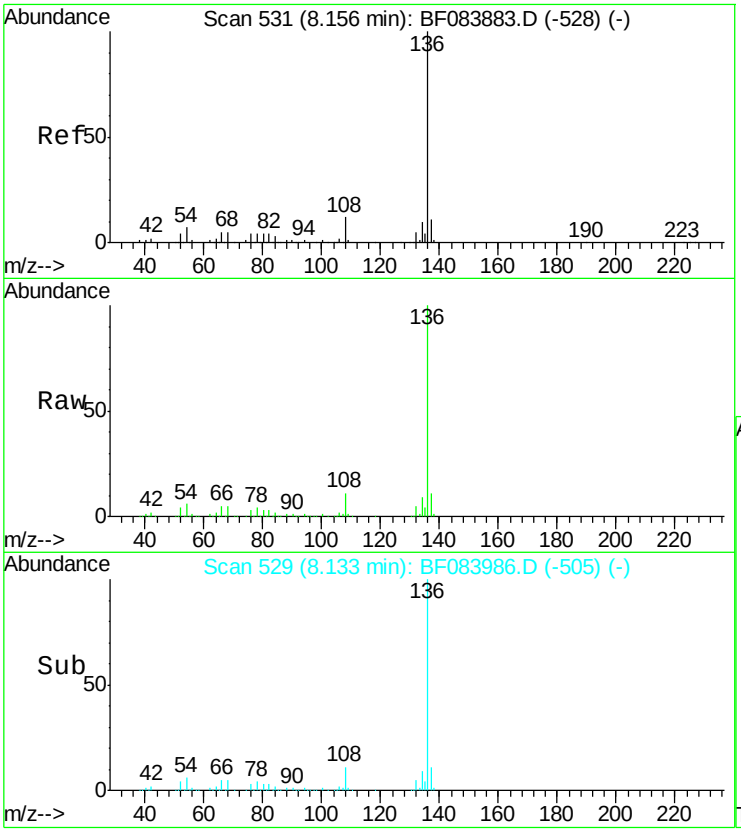


#19
n-Nitroso-di-n-propylamine
Concen: 20.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion: 70 Resp: 64402

Ion	Ratio	Lower	Upper
70	100		
42	39.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



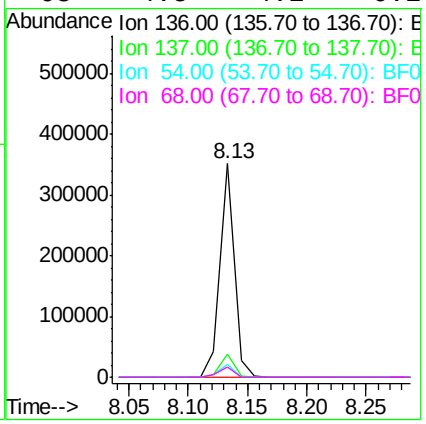


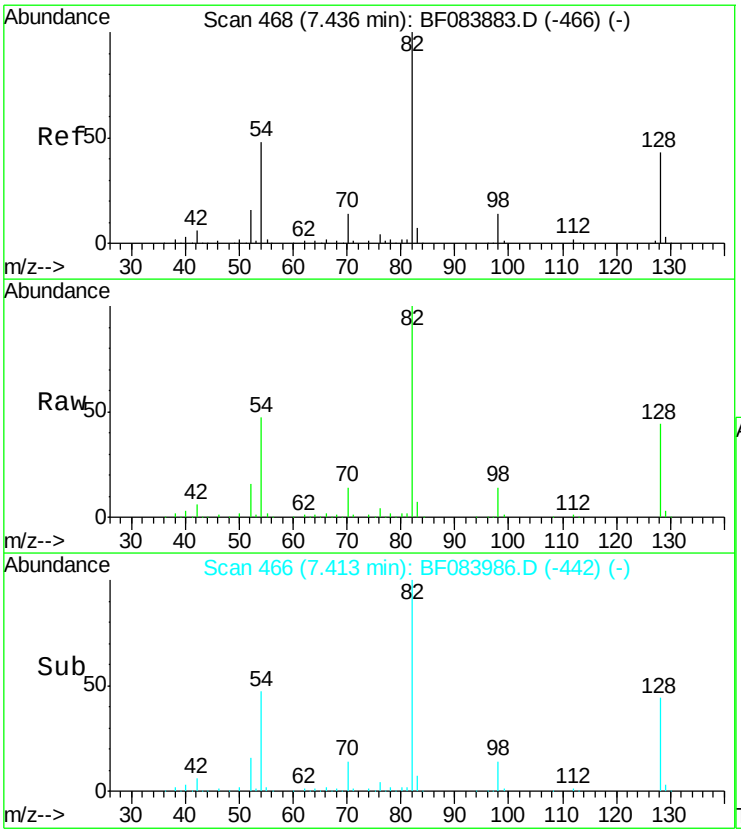
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:136 Resp: 292666

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.9	5.8	8.8
68	4.5	4.2	6.2

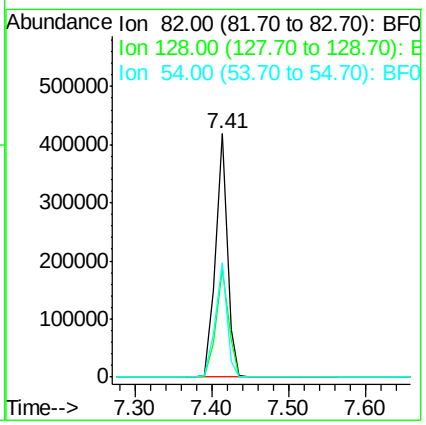


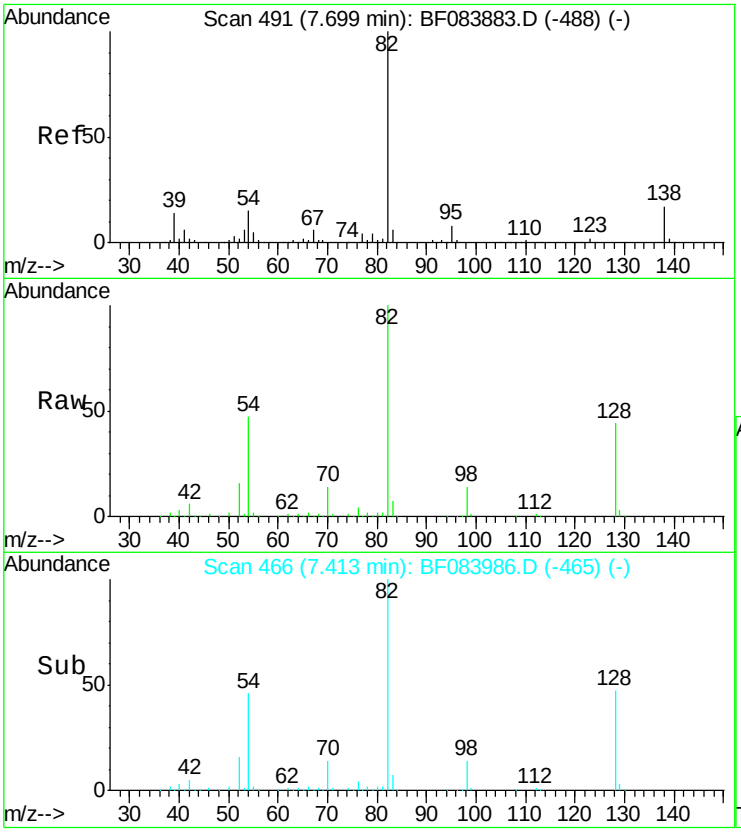


#23
Nitrobenzene-d5
Concen: 88.48 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion: 82 Resp: 453711

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	47.2	38.4	57.6



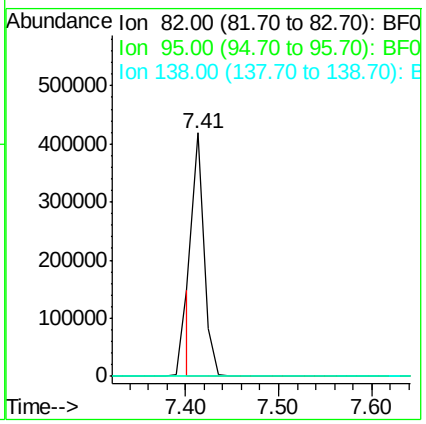


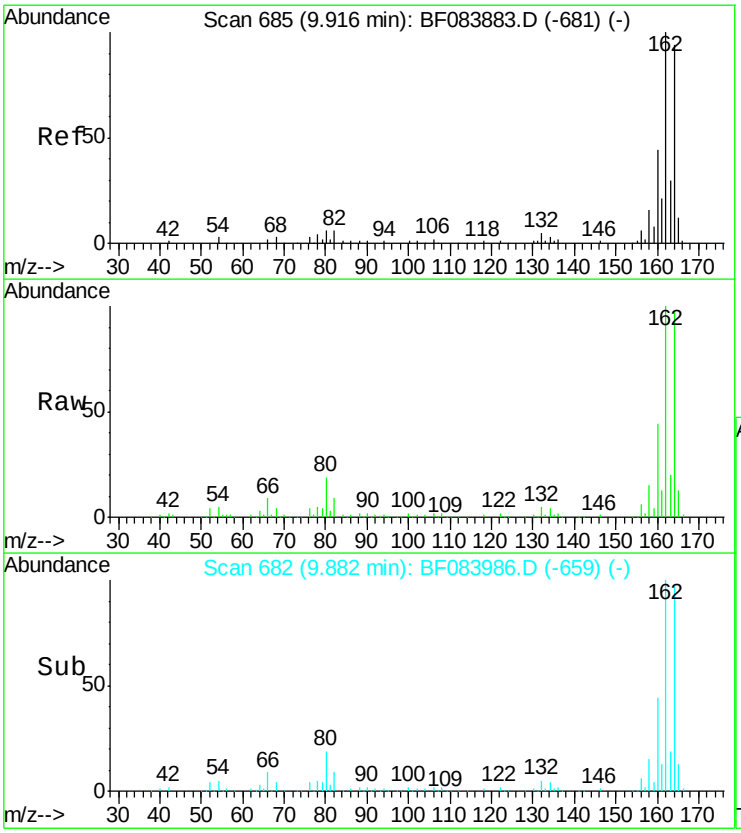
#25
Isophorone
Concen: 36.21 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.29 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion: 82 Resp: 349397

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

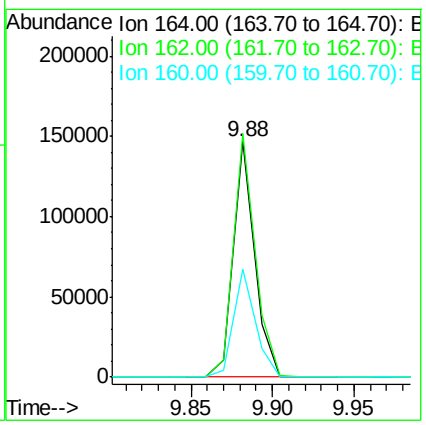


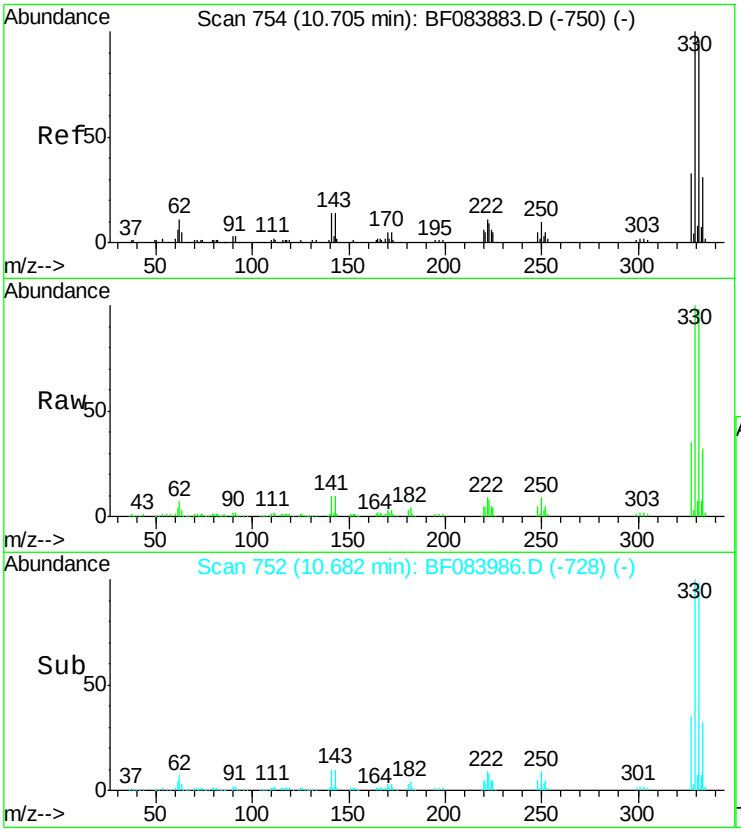


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:164 Resp: 131054

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	45.9	37.5	56.3



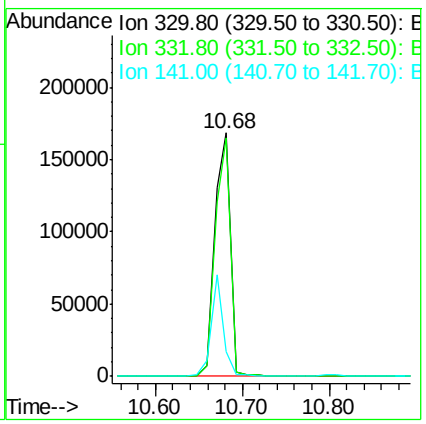


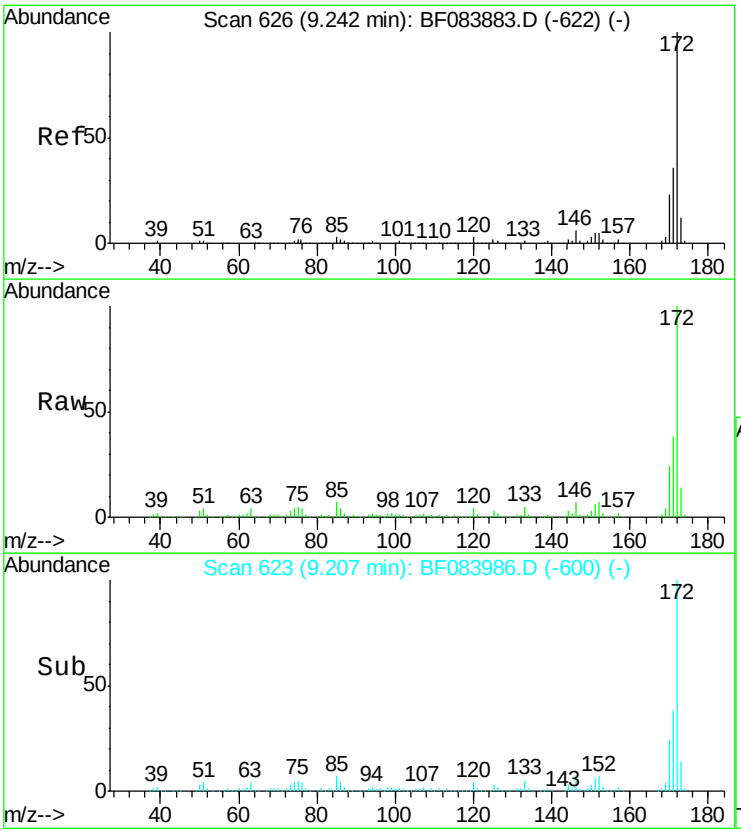
#41
2,4,6-Tribromophenol
Concen: 149.67 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:330 Resp: 216092

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	33.1	27.8	41.6

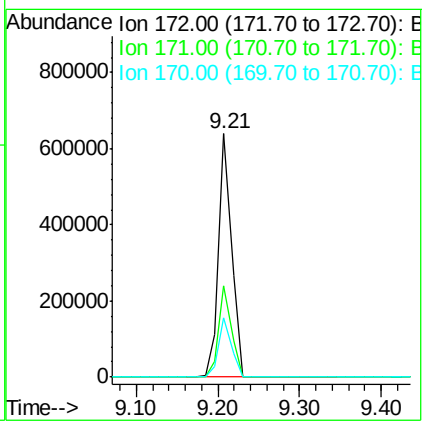


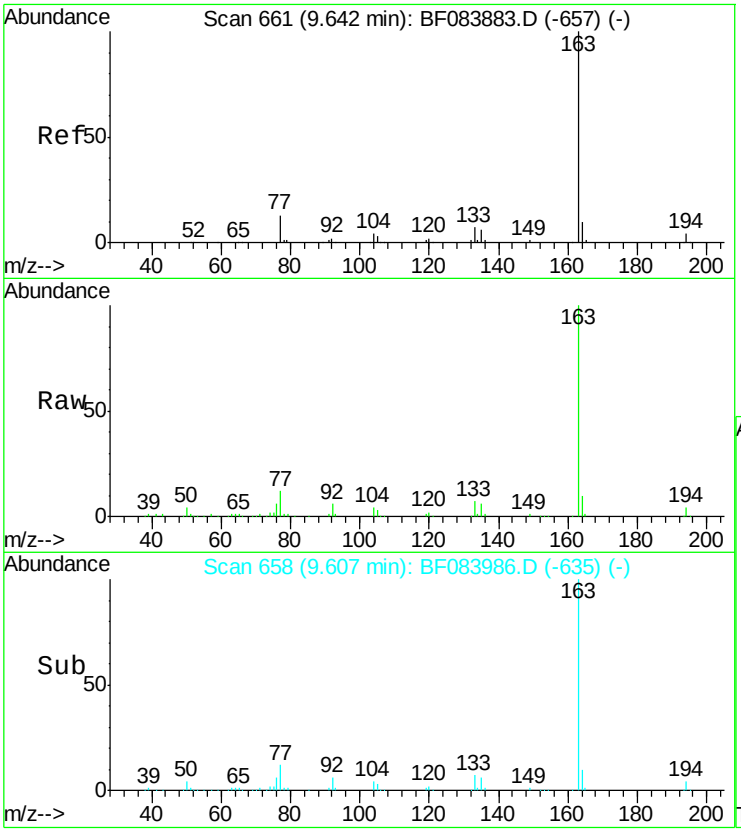


#44
2-Fluorobiphenyl
Concen: 74.51 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:172 Resp: 709112

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.5	18.6	27.8



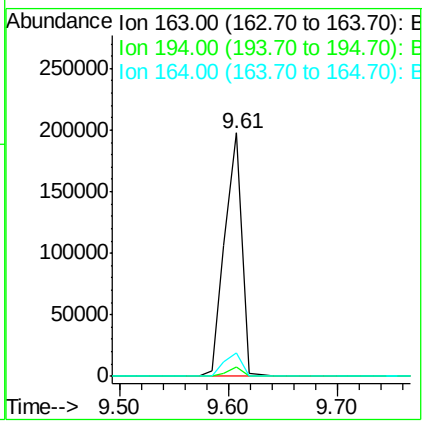


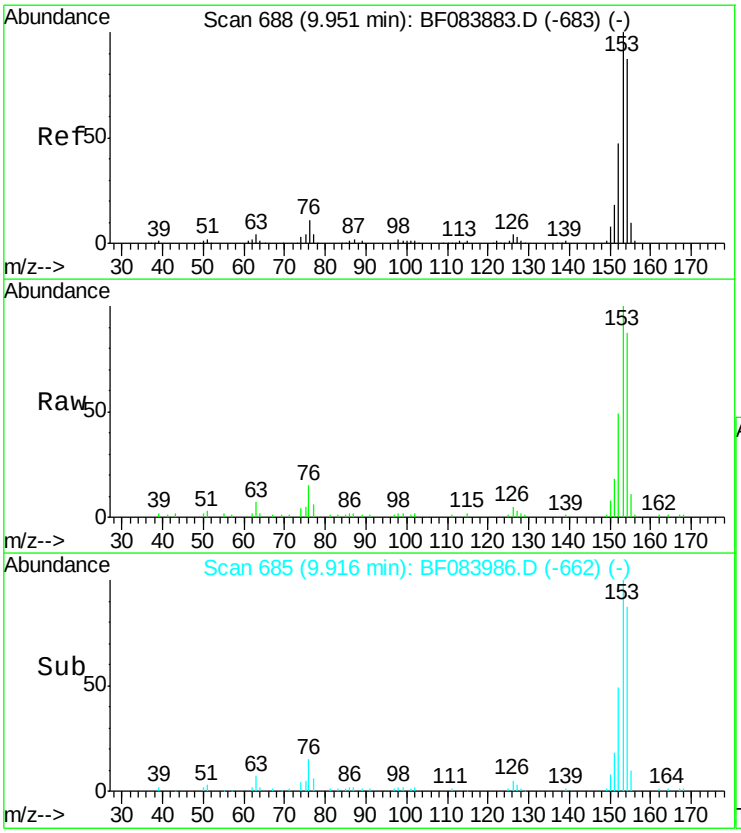
#49
Dimethylphthalate
Concen: 19.54 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:163 Resp: 214894

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.8	8.0	12.0

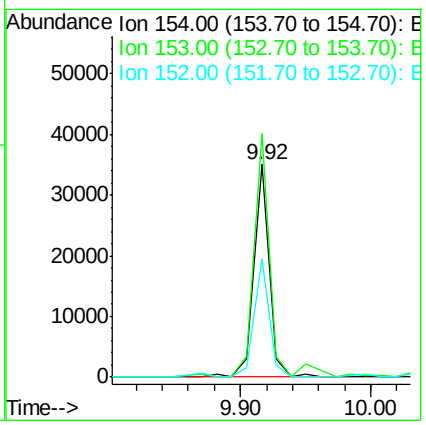


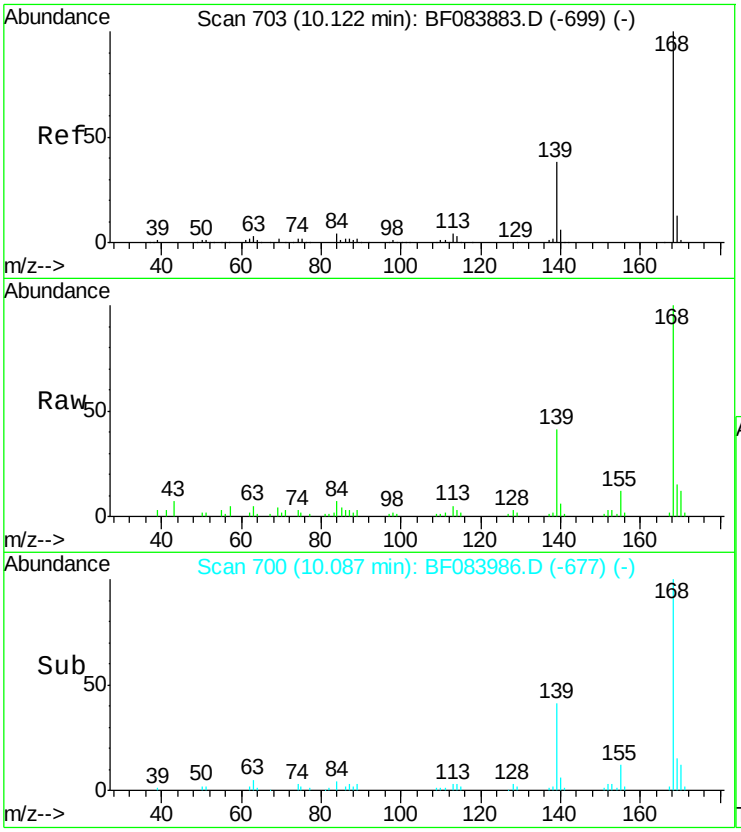


#51
Acenaphthene
Concen: 3.08 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:154 Resp: 28894

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	55.8	43.0	64.6



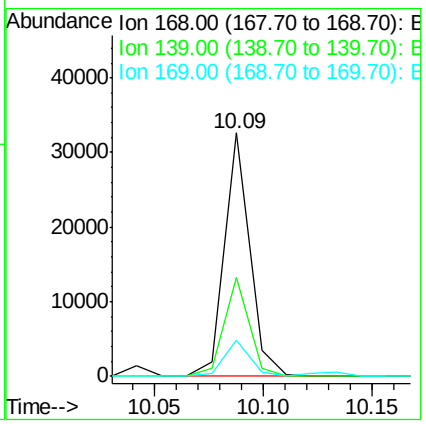


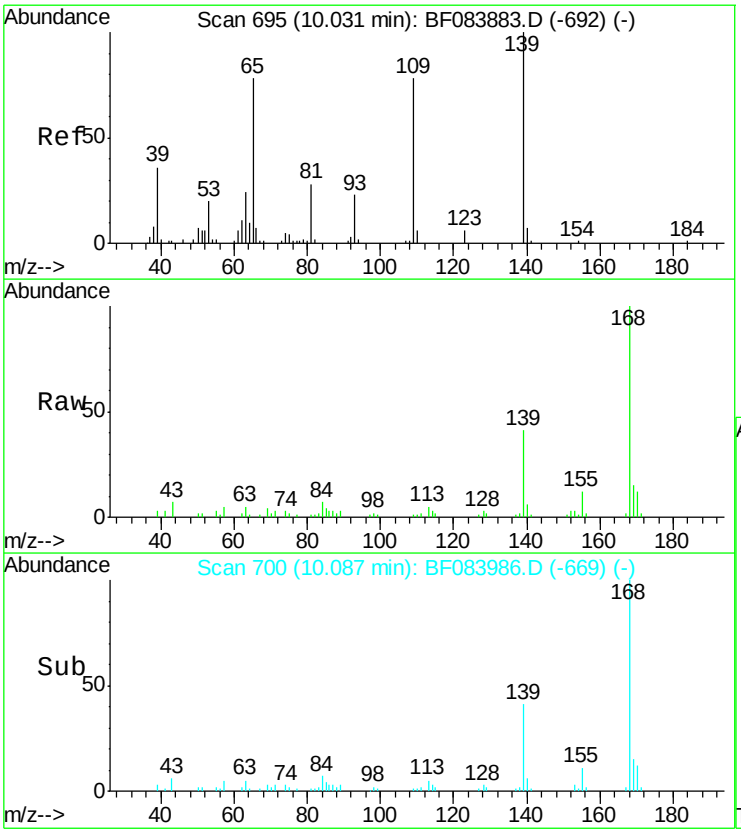
#54
Dibenzofuran
Concen: 2.16 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:168 Resp: 26346

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.5	45.7
169	15.0	10.4	15.6

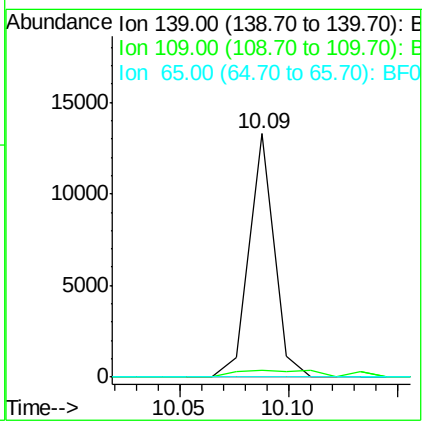


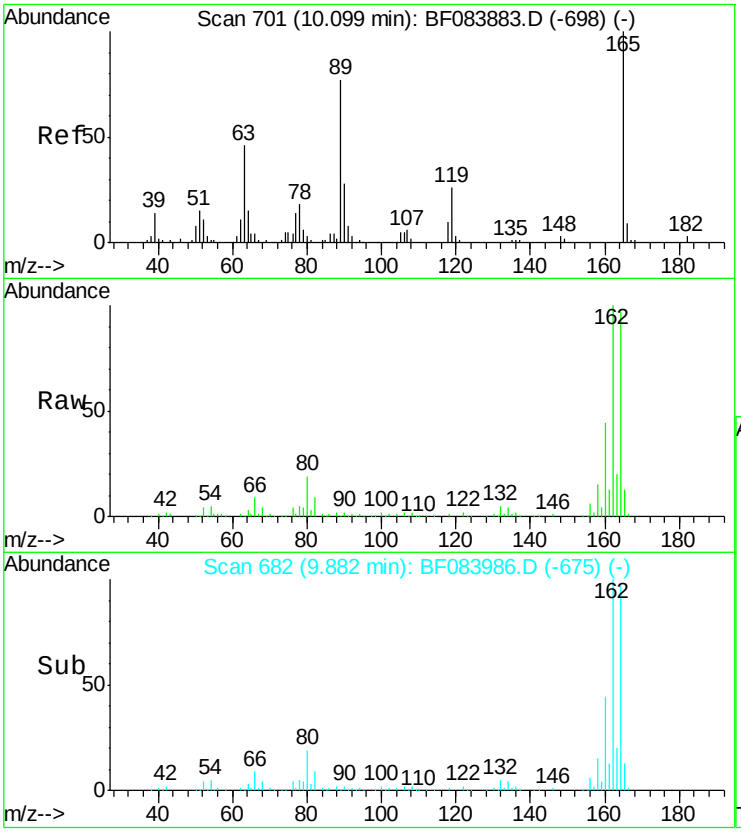


#55
4-Nitrophenol
Concen: 6.74 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.06 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:139 Resp: 10637

Ion	Ratio	Lower	Upper
139	100		
109	3.0	58.5	98.5#
65	0.0	57.6	97.6#



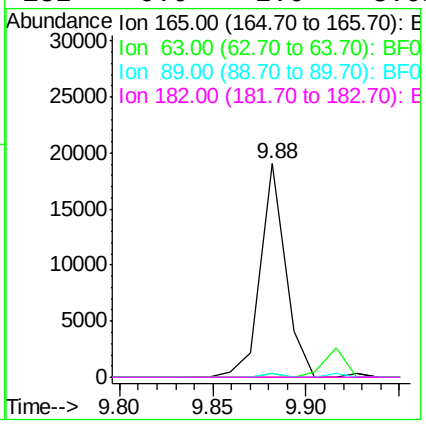


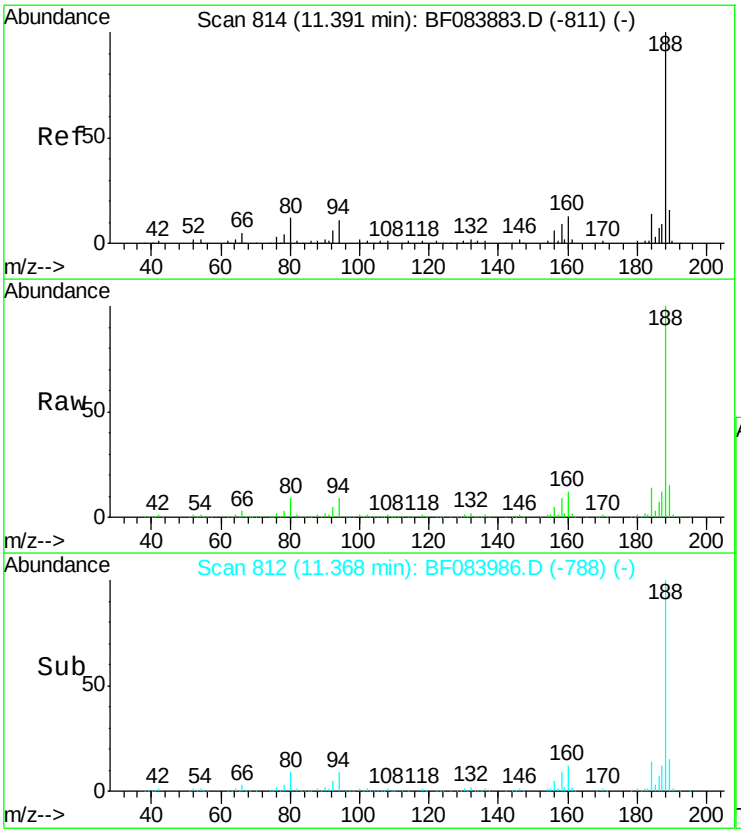
#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:165 Resp: 17687

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	2.1	61.9	92.9#
182	0.0	2.0	3.0#

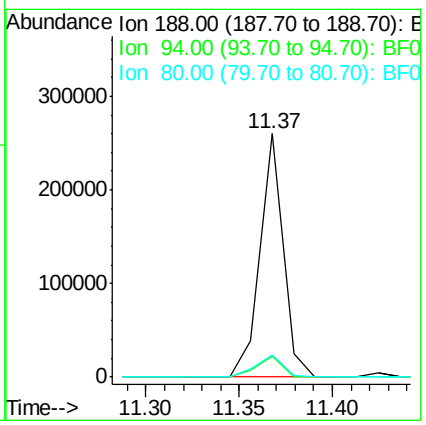


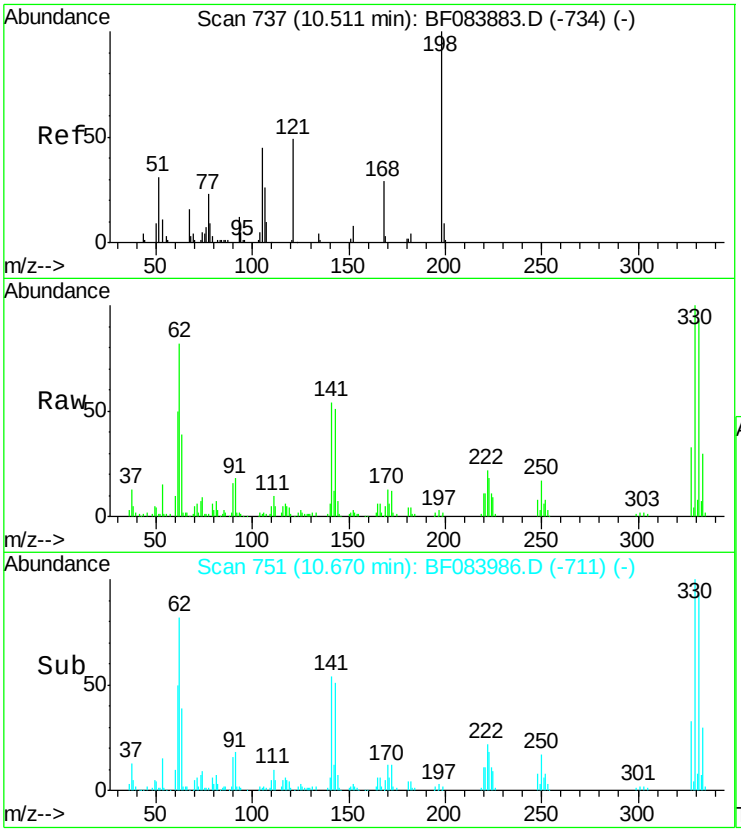


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:188 Resp: 223193

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.6	14.4#



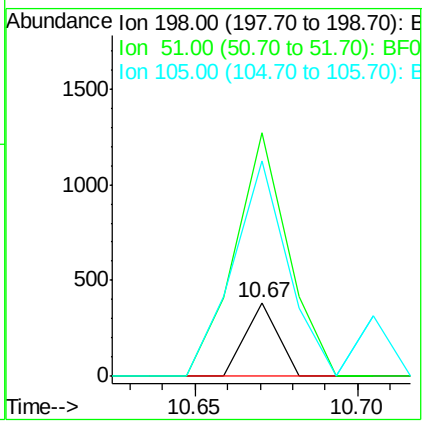


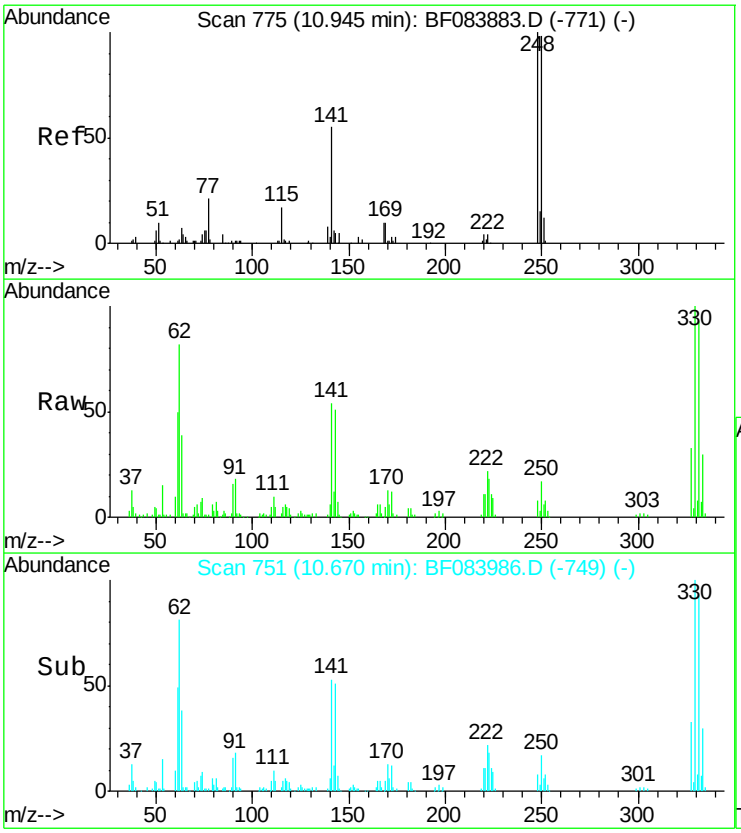
#64
4,6-Dinitro-2-methylphenol
Concen: 4.11 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.16 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:198 Resp: 265

Ion	Ratio	Lower	Upper
198	100		
51	329.0	18.9	58.9#
105	290.9	26.4	66.4#

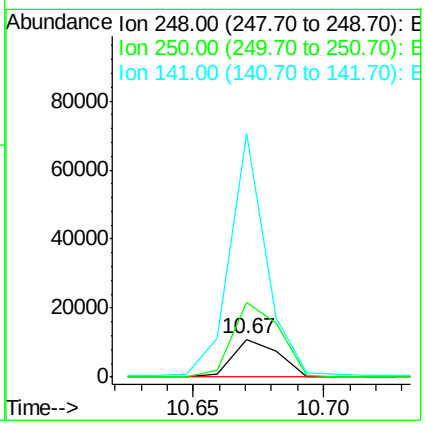


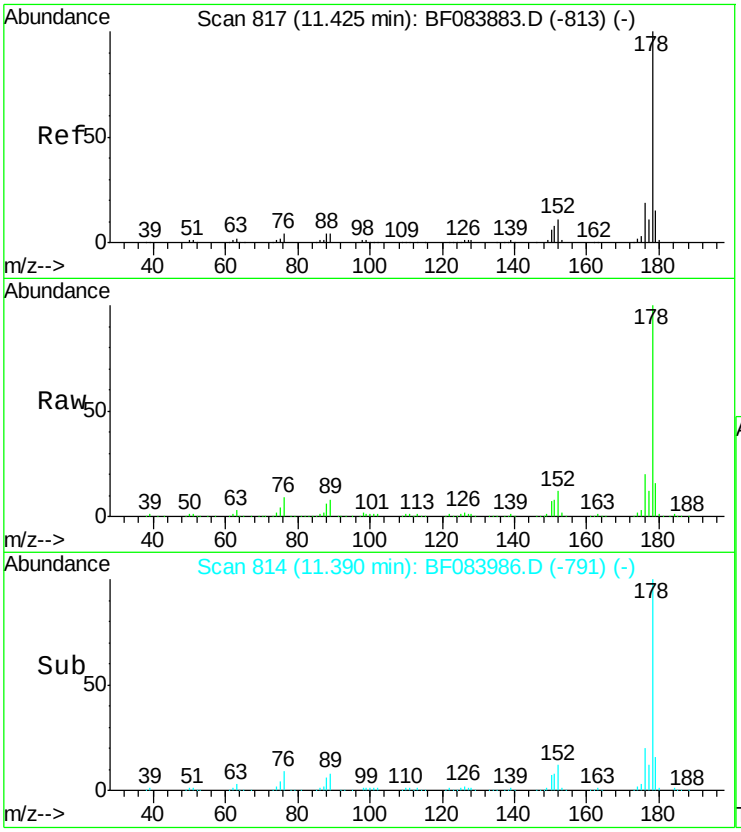


#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:248 Resp: 13392

Ion	Ratio	Lower	Upper
248	100		
250	200.2	78.4	117.6#
141	648.5	44.0	66.0#



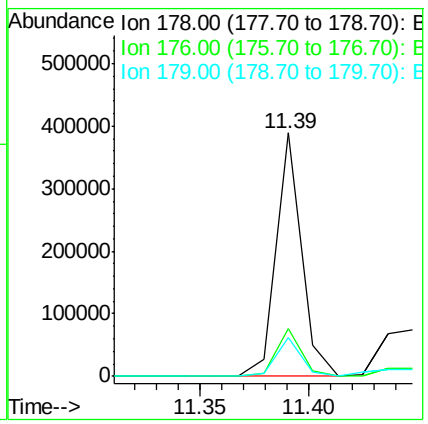


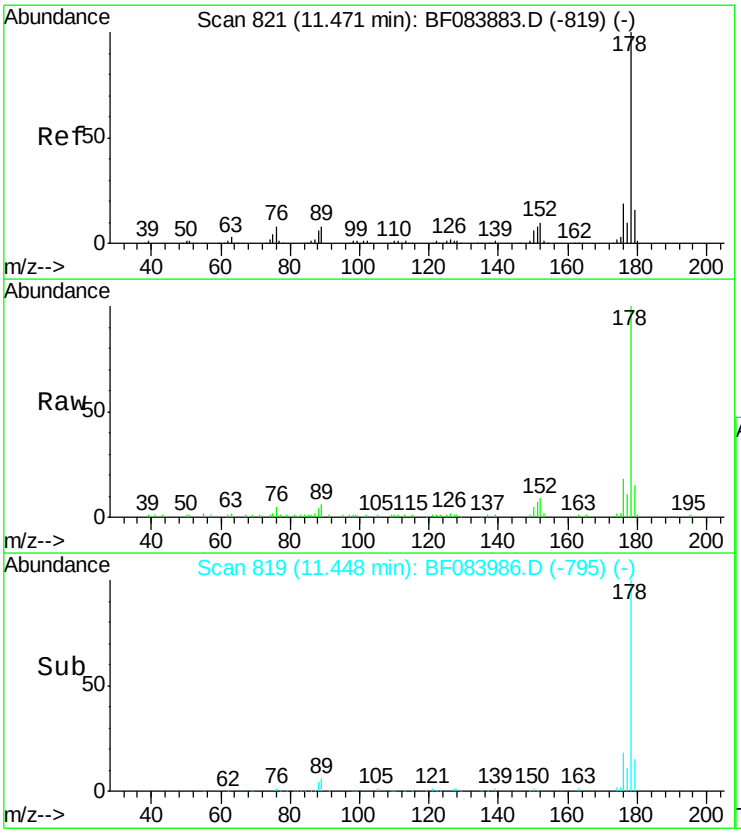
#70
Phenanthrene
Concen: 23.81 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:178 Resp: 321079

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.8	12.0	18.0

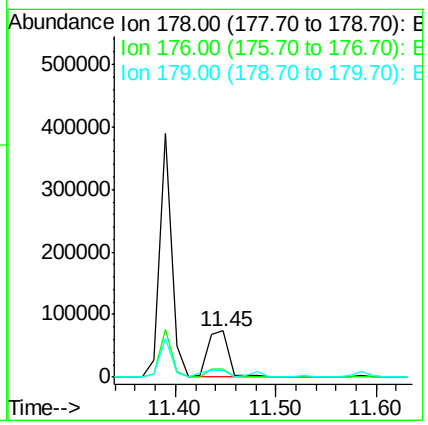


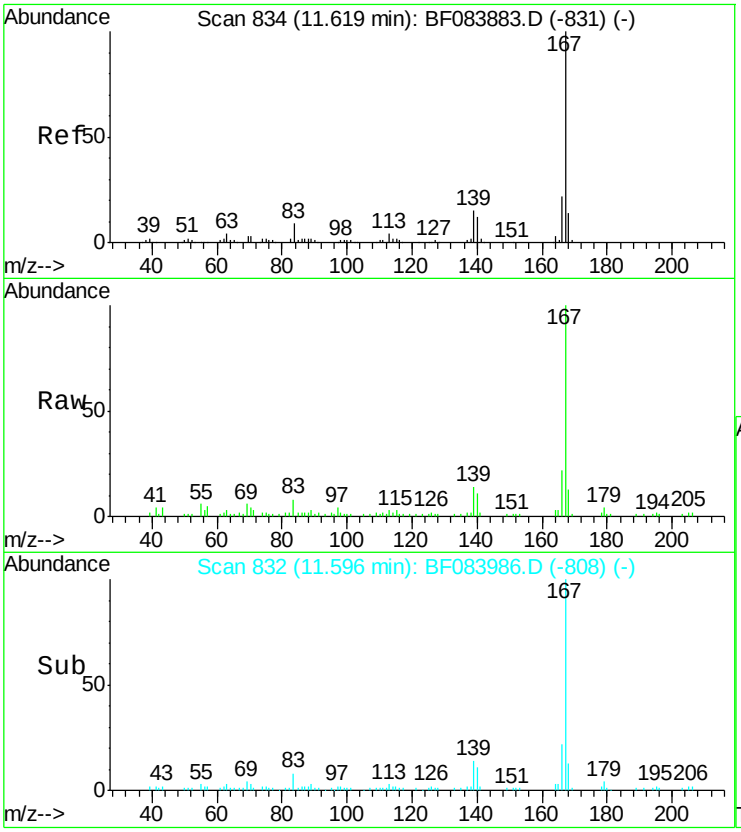


#71
Anthracene
Concen: 8.12 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:178 Resp: 105851

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.2	12.5	18.7



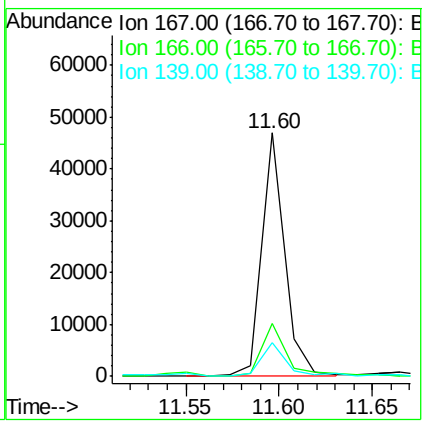


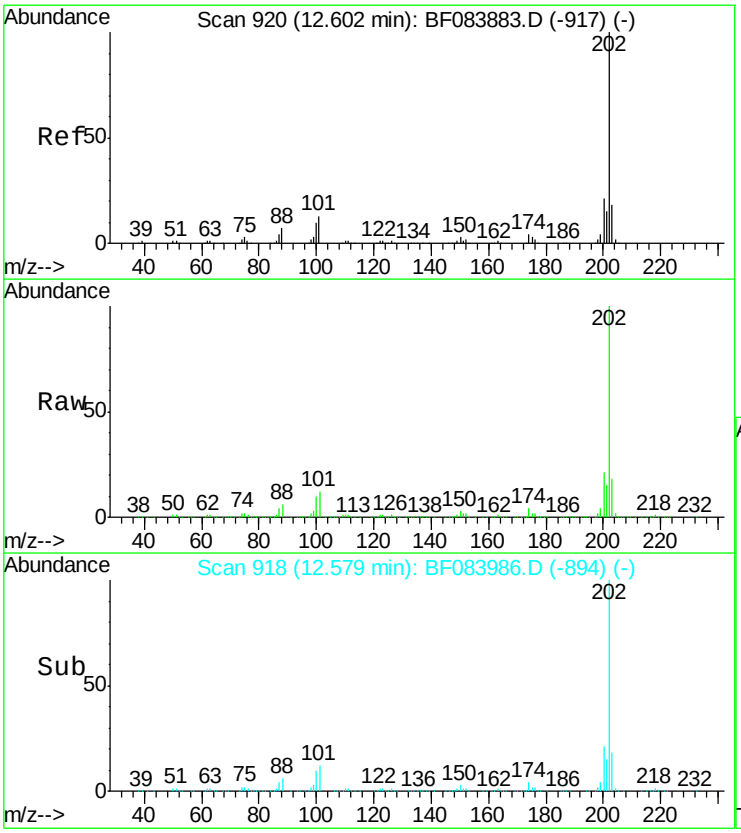
#72
Carbazole
Concen: 3.08 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:167 Resp: 39732

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.8	11.8	17.8

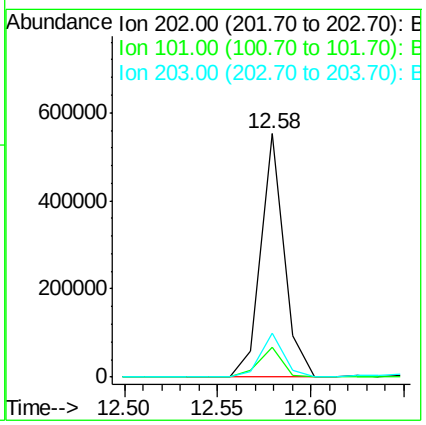


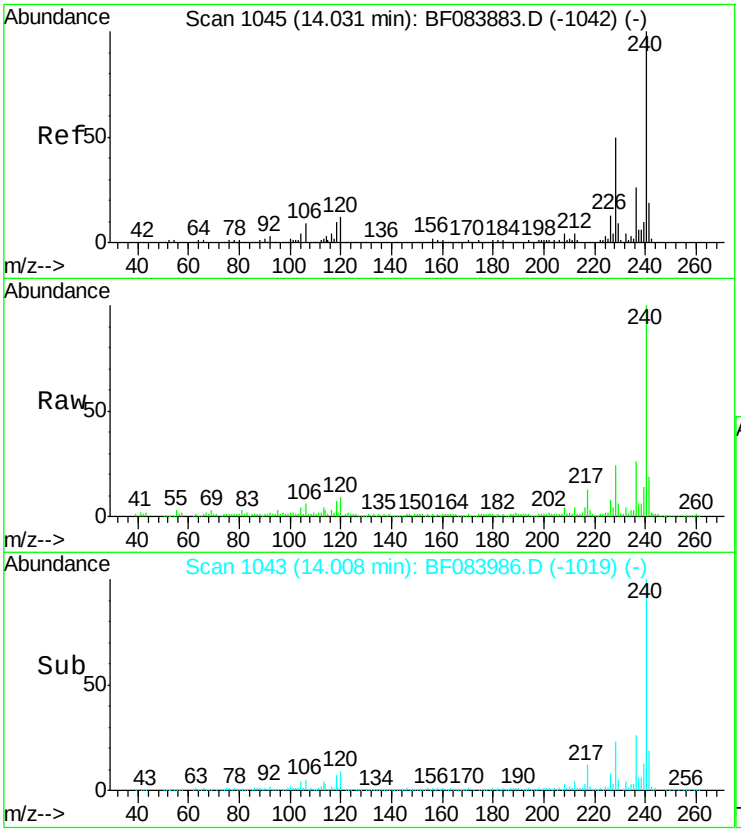


#74
Fluoranthene
Concen: 35.97 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:202 Resp: 483972

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.8
203	18.1	0.0	37.9



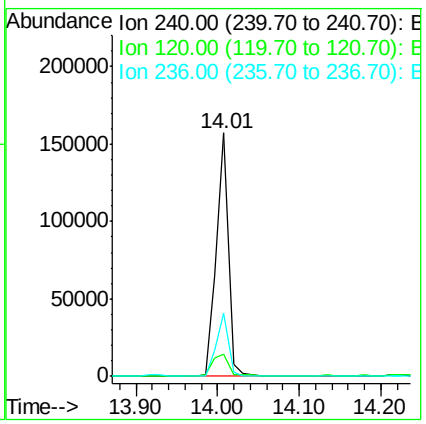


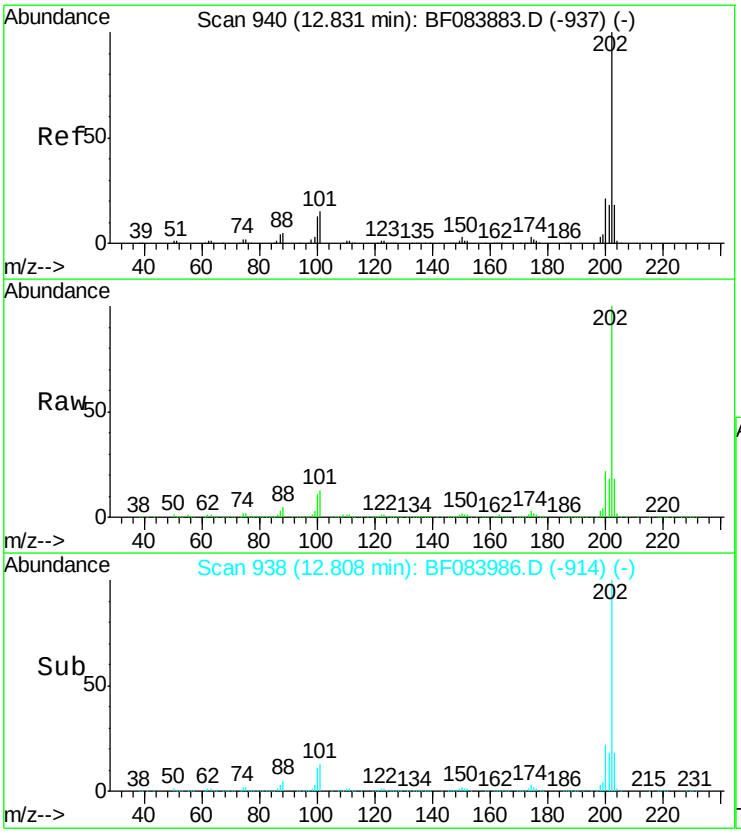
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:240 Resp: 162771

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.0	20.6	31.0

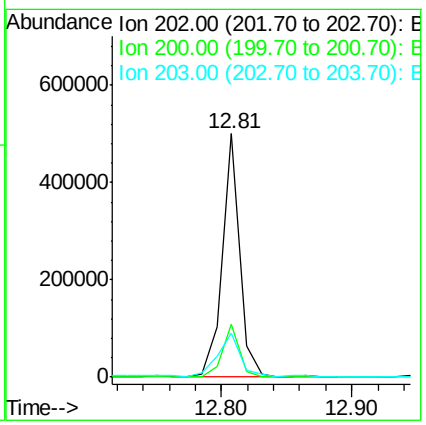


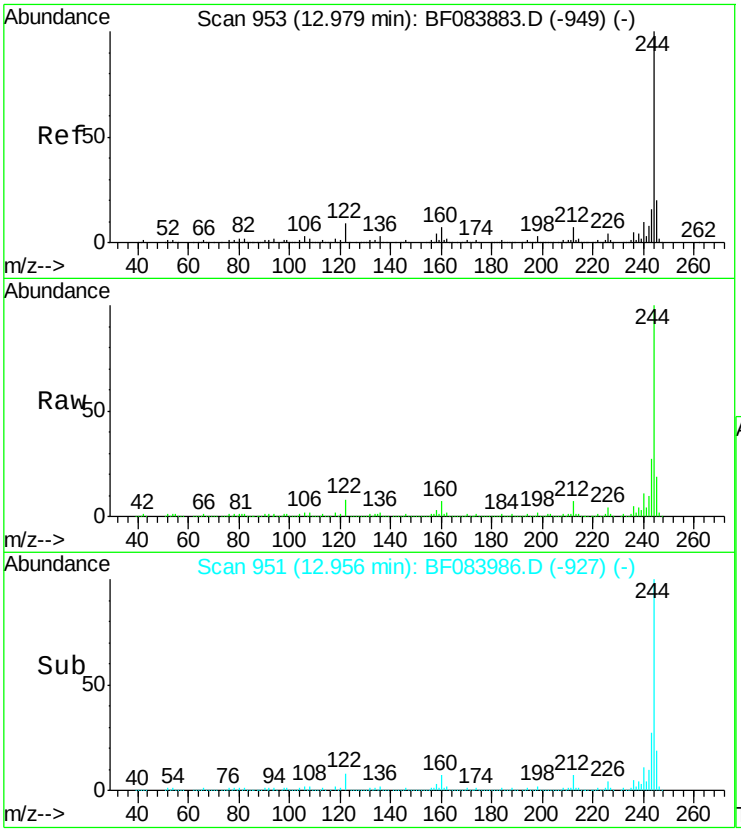


#77
Pyrene
Concen: 44.89 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:202 Resp: 465563

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.8	14.3	21.5



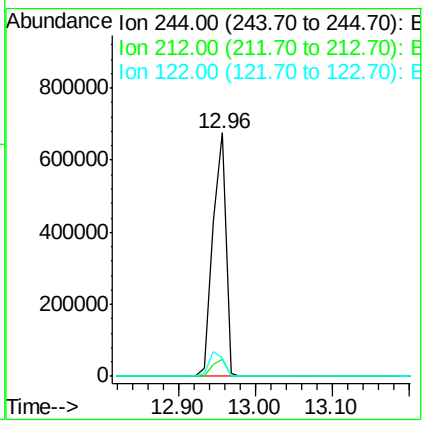


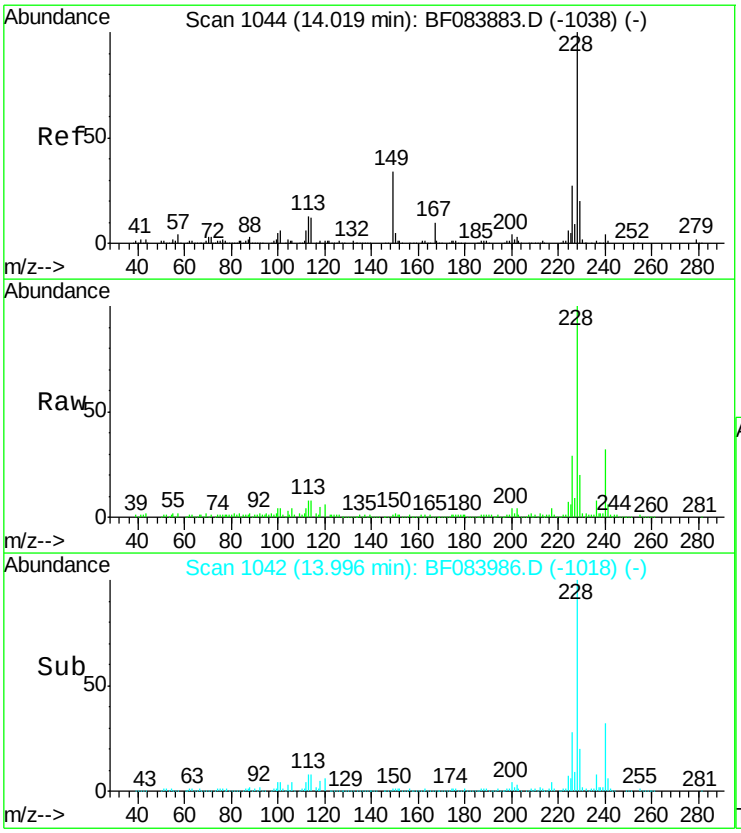
#78
Terphenyl-d14
Concen: 115.11 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:244 Resp: 785915

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	7.7	7.4	11.0

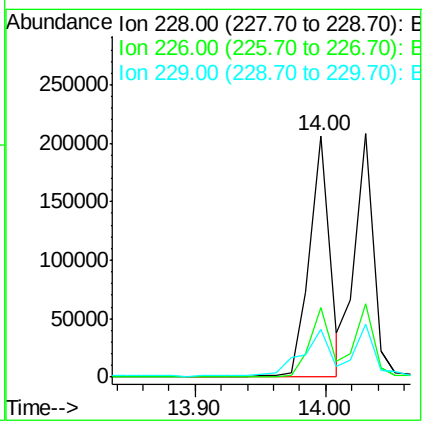


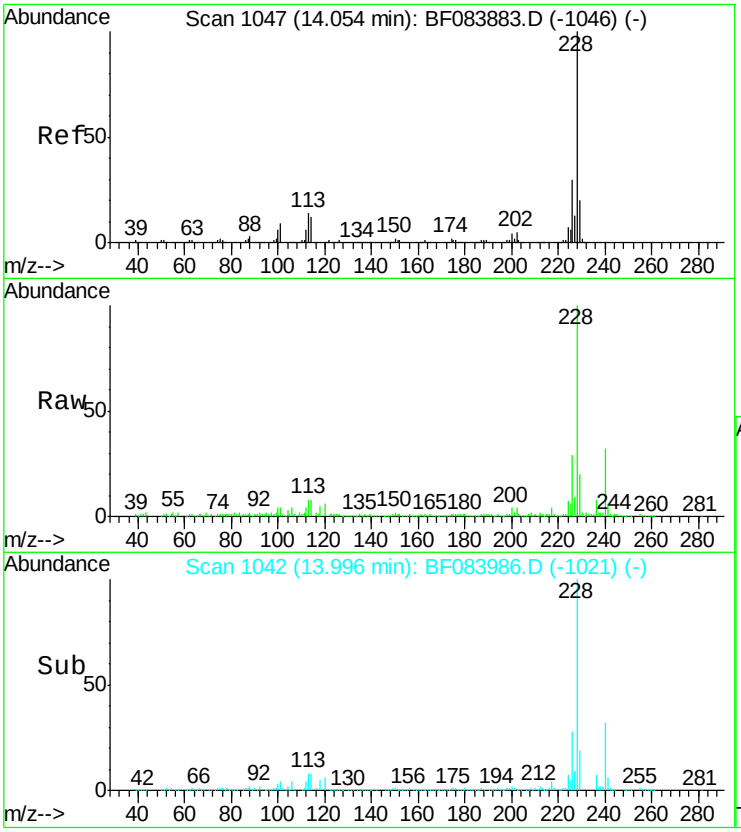


#80
Benzo(a)anthracene
Concen: 22.30 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:228 Resp: 223128

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	20.0	15.8	23.8



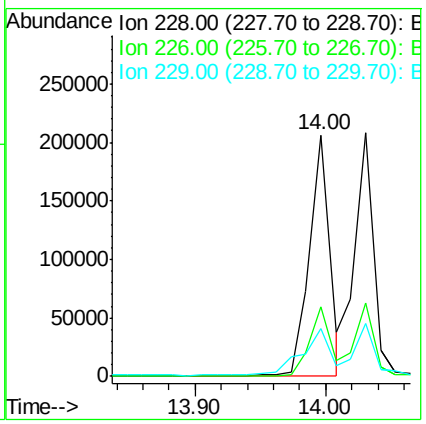


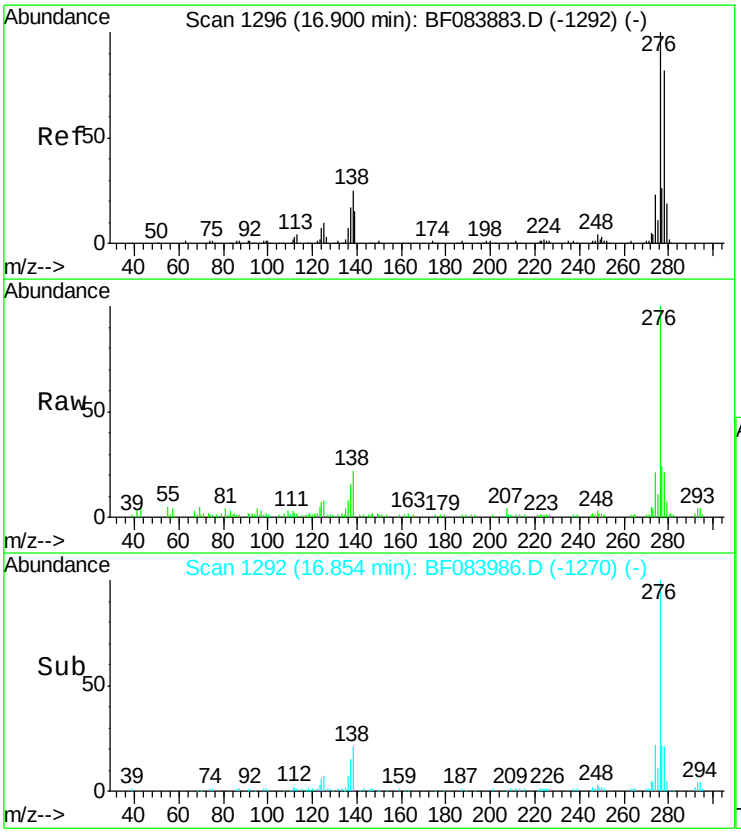
#82
Chrysene
Concen: 23.08 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:228 Resp: 223128

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.3	36.5
229	20.0	16.1	24.1

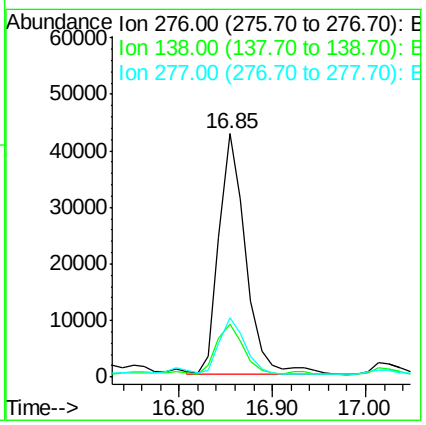


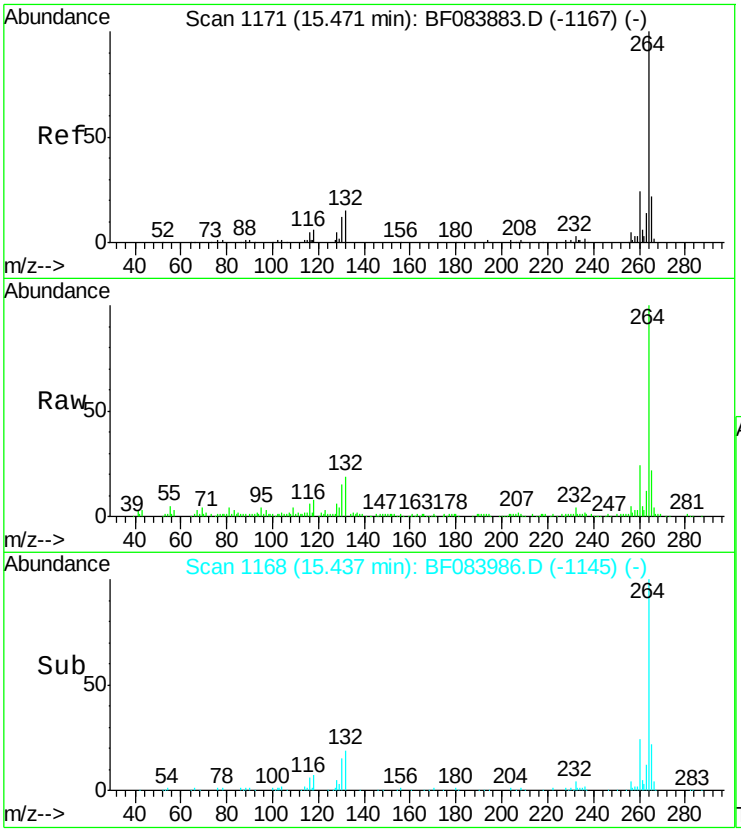


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.77 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:276 Resp: 85096

Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.6	30.8
277	23.1	20.1	30.1



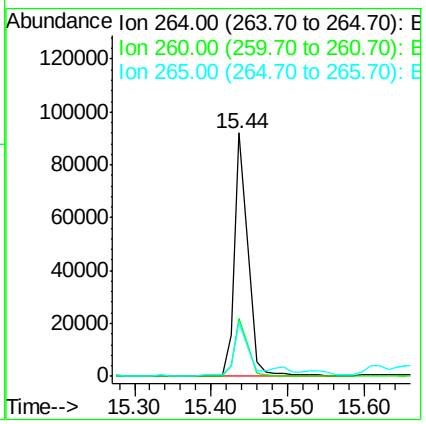


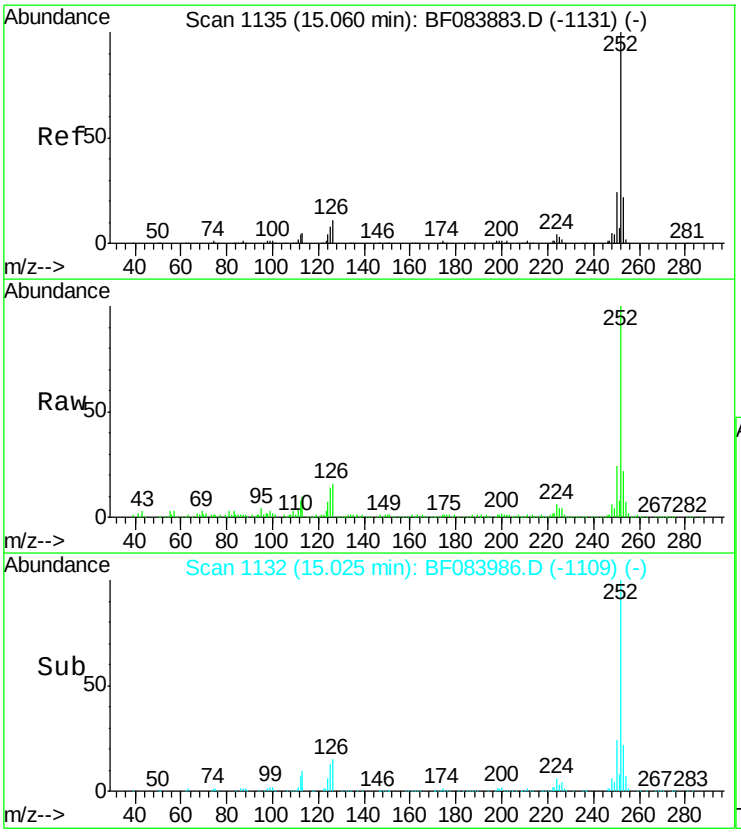
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:264 Resp: 116481

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.2	17.8	26.6

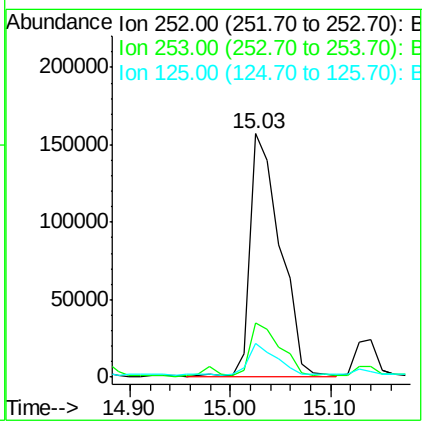


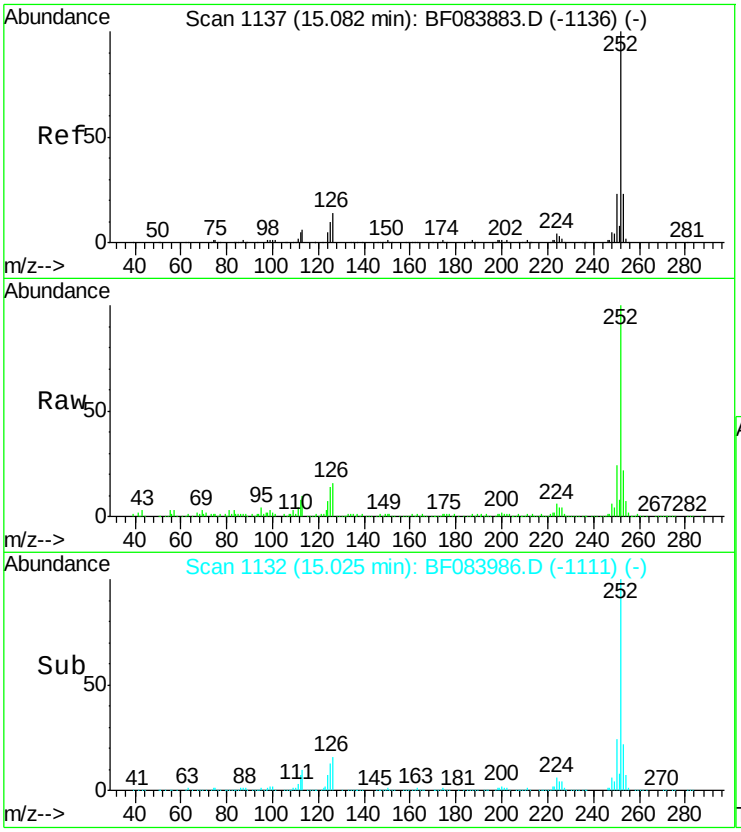


#87
Benzo(b)fluoranthene
Concen: 38.17 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:252 Resp: 324158

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	13.9	6.5	9.7#



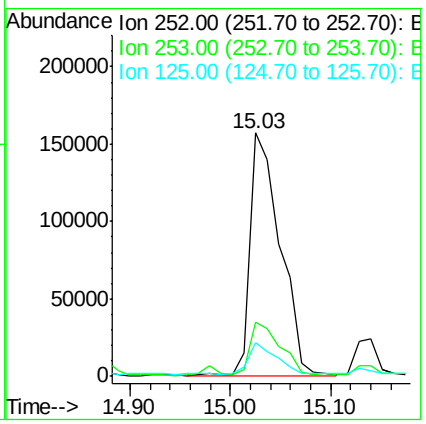


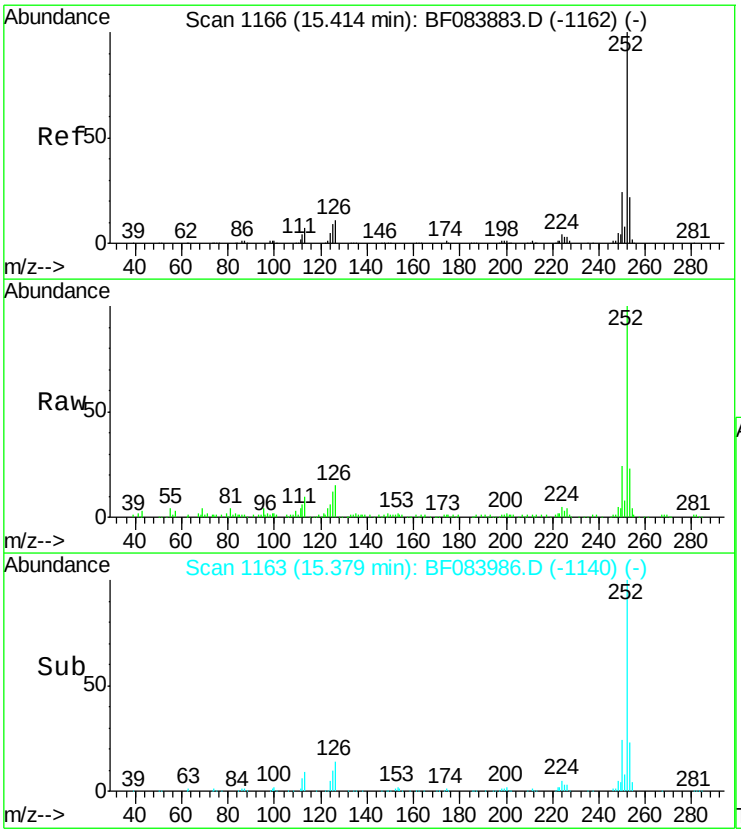
#88
Benzo(k)fluoranthene
Concen: 46.27 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:252 Resp: 324158

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.9	9.0	13.6#

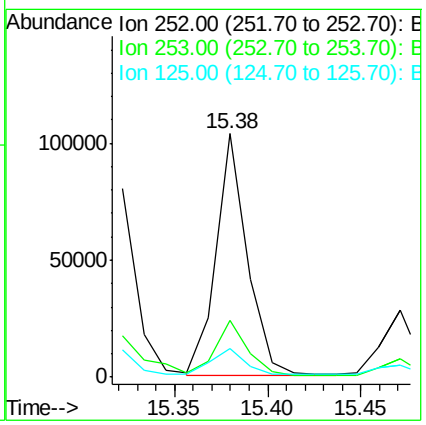


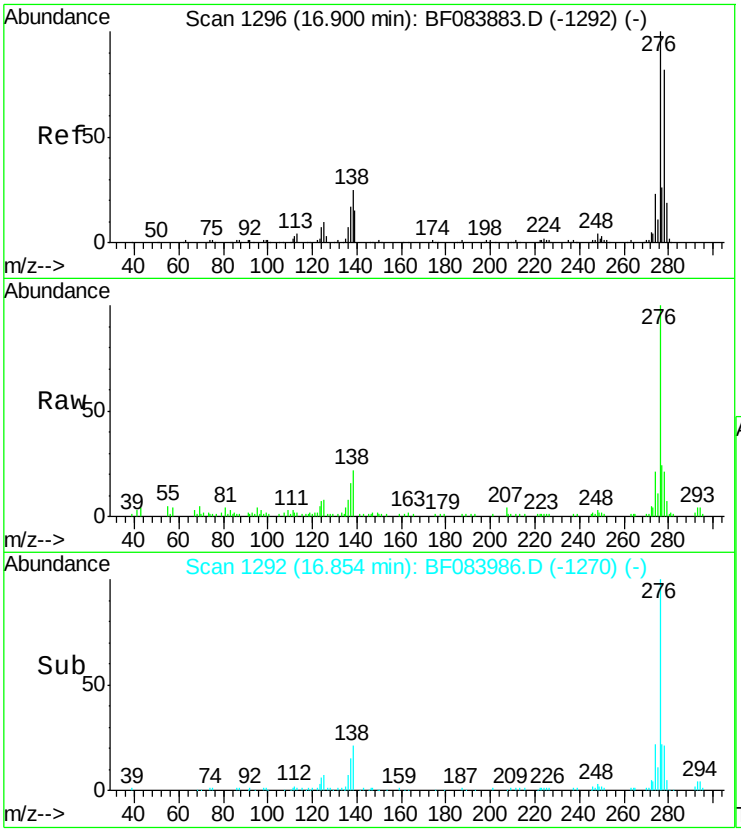


#89
Benzo(a)pyrene
Concen: 17.34 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:252 Resp: 121600

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.6	7.0	10.4#



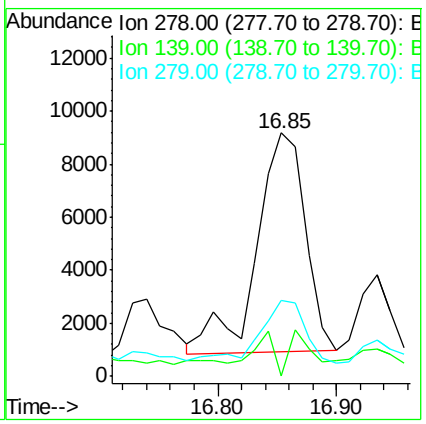


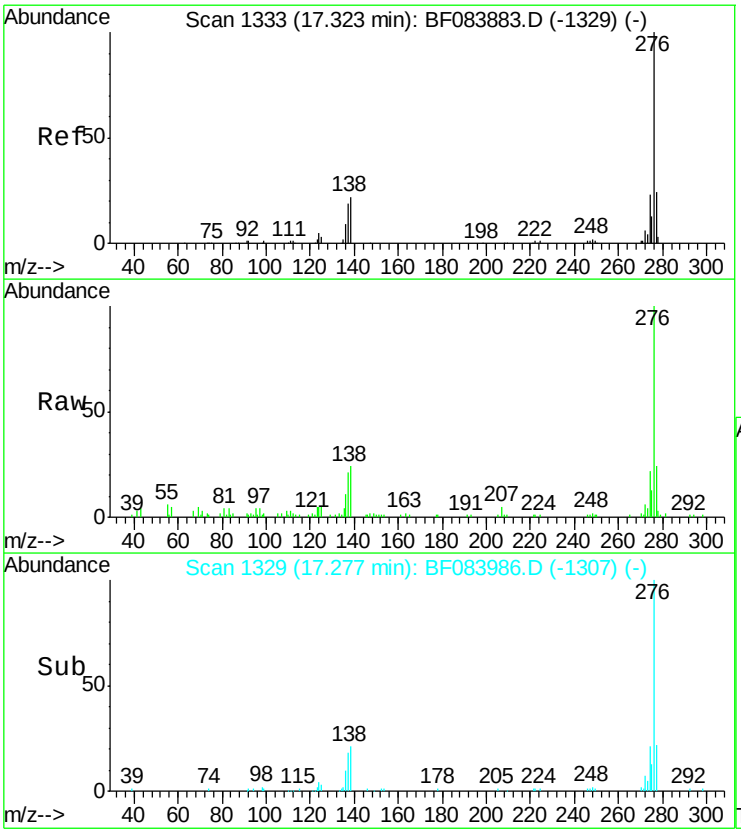
#90
Dibenzo(a,h)anthracene
Concen: 4.32 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1(0-2)

Tgt Ion:278 Resp: 23549

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.0	22.4#
279	31.1	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 15.36 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF083986.D
Acq: 20 Dec 2015 8:13

Tgt Ion:276 Resp: 82148

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	24.1	17.8	26.6