Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

Quant Time: Apr 28 02:15:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130629	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	471595	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	174340	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	278842	20.00	ng		0.00
75) Chrysene-d12	13.96	240	306291	20.00	ng		0.00
86) Perylene-d12	15.37	264	239360	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	806270	106.46	ng		0.01
7) Phenol-d6	6.44	99	955654	90.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	586100	66.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	164318	89.37	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	957678	99.64	ng		0.00
78) Terphenyl-d14	12.91	244	682203	49.07	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	76471	10.95	ng	#	72
25) Isophorone	7.37	82	518942	30.82	ng	#	68
32) Benzoic acid	7.87	122	223	8.82	ng	#	57
49) Dimethylphthalate	9.56	163	138363	10.54	ng		100
56) 2,4-Dinitrotoluene	9.85	165	21437	6.20	ng	#	16
66) 4-Bromophenyl-phenylether	10.62	248	9208	3.20	ng	#	1
70) Phenanthrene	11.34	178	50145	3.43	ng		97
74) Fluoranthene	12.53	202	132056	8.94	ng		96
77) Pyrene	12.76	202	130142	5.90	ng		98
80) Benzo(a)anthracene	13.95	228	94089	5.76	ng		95
82) Chrysene	13.95	228	94089	5.30	ng		96
85) Indeno(1,2,3-cd)pyrene	16.73	276	31195	2.37	ng	#	88
87) Benzo(b)fluoranthene	14.97	252	128172	9.10	ng		97
88) Benzo(k)fluoranthene	14.97	252	128172	8.73	ng	#	94
89) Benzo(a)pyrene	15.31	252	56161	4.22	ng	#	87
91) Benzo(g,h,i)perylene	17.13	276	29869	2.74	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Quant Time: Apr 28 02:15:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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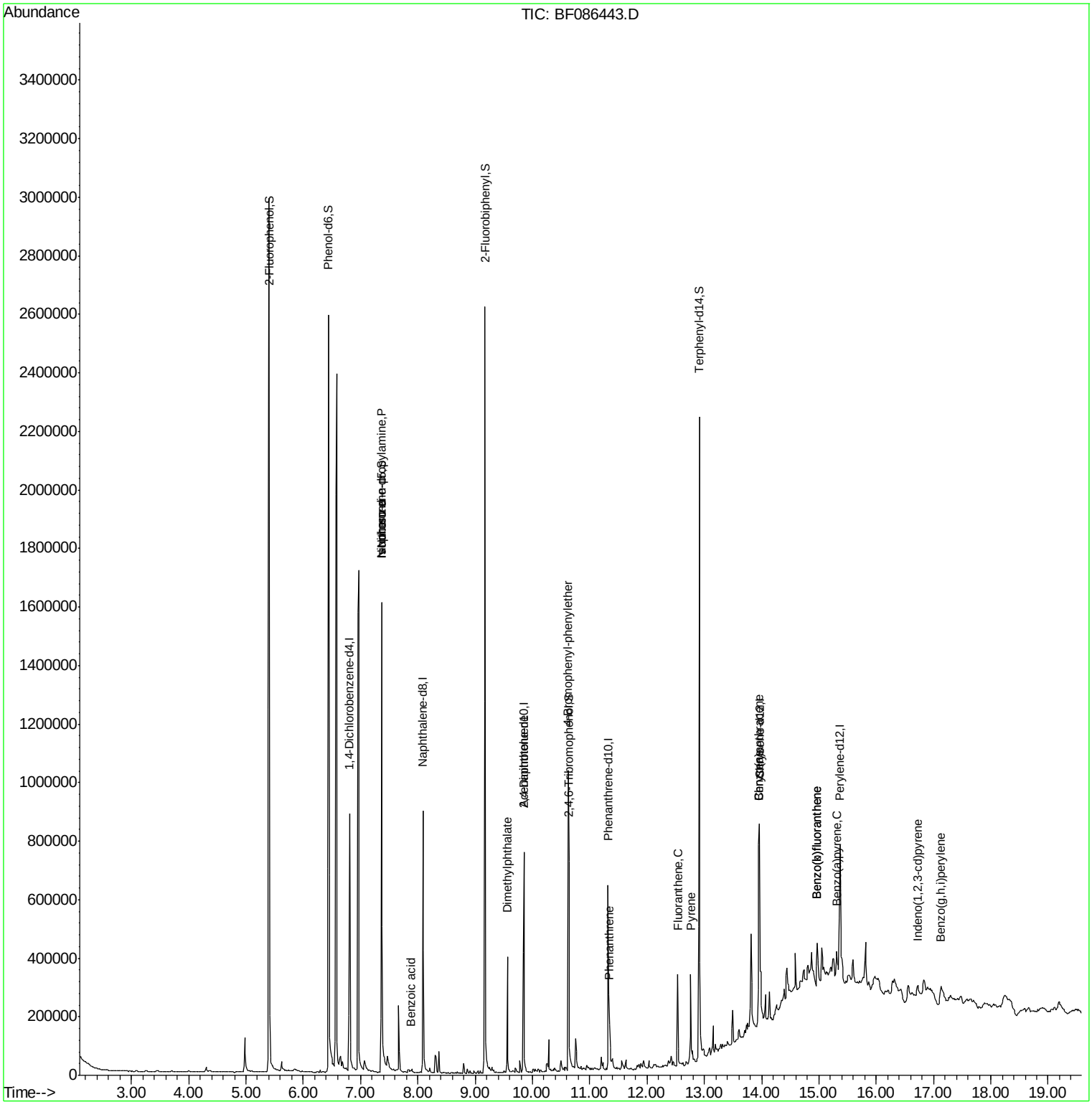
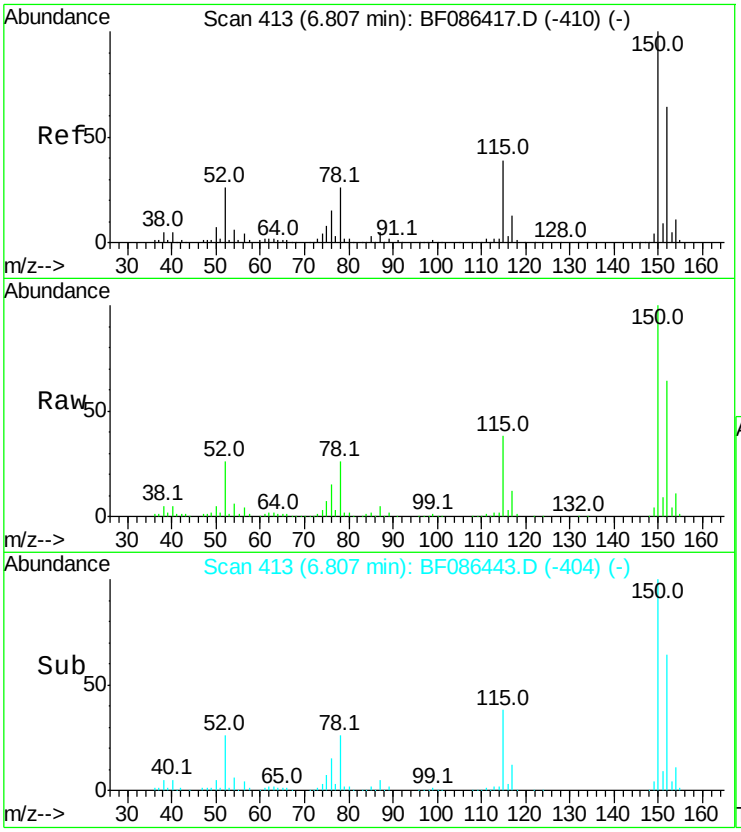


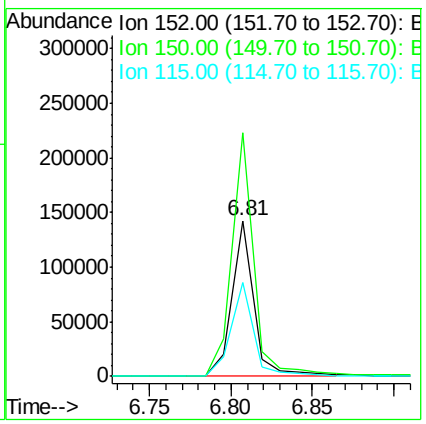


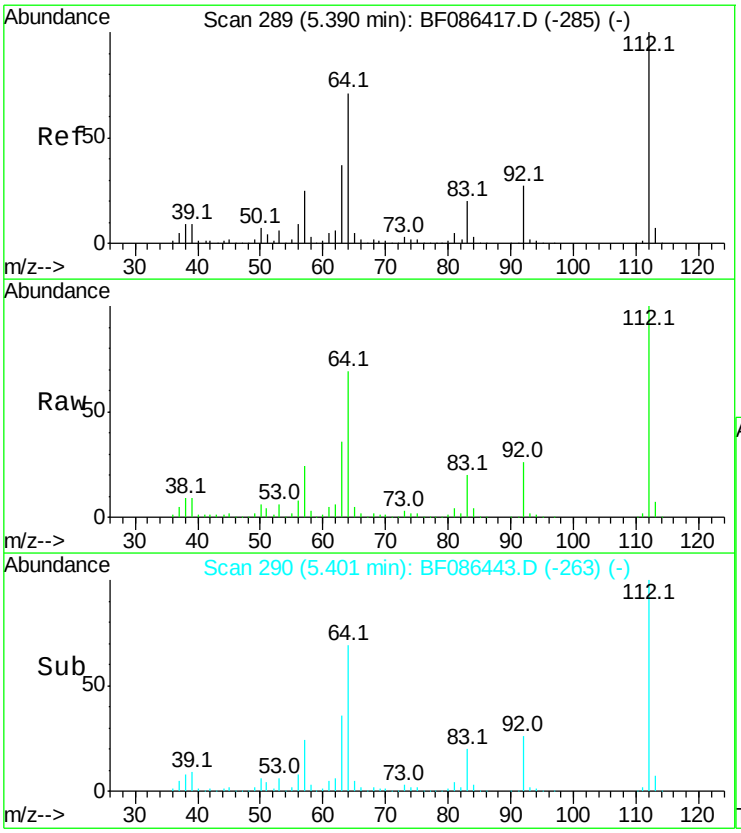
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:152 Resp: 130629

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.6
115	60.0	51.5	77.3

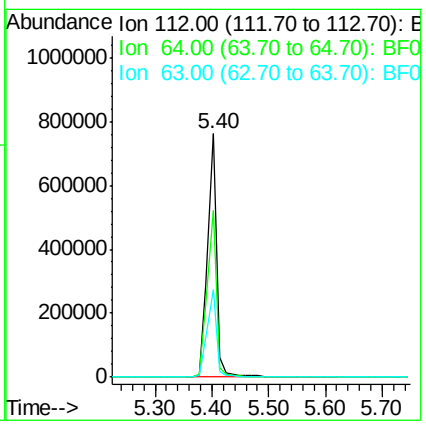


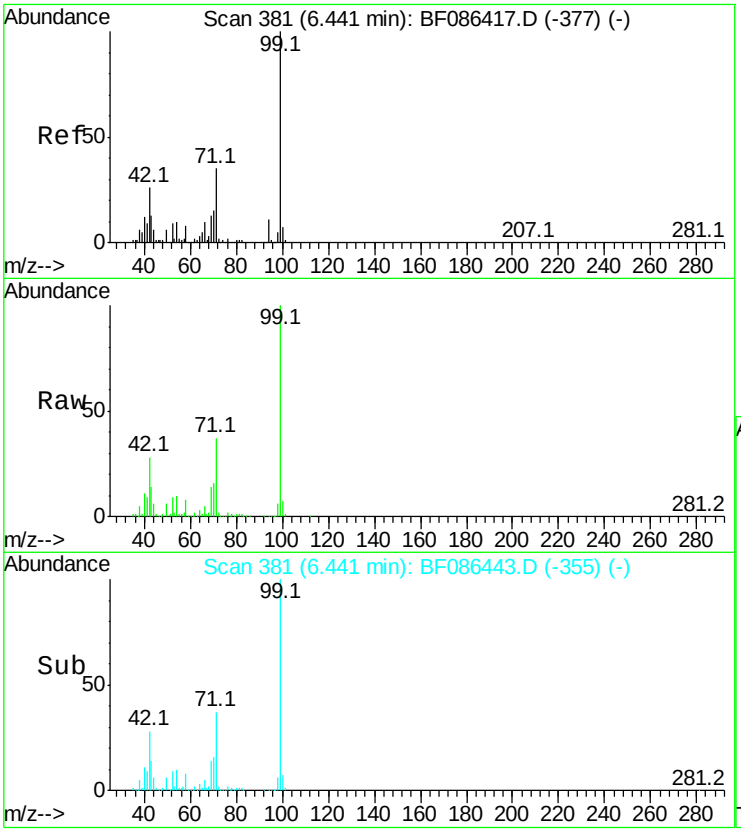


#5
2-Fluorophenol
Concen: 106.46 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:112 Resp: 806270

Ion	Ratio	Lower	Upper
112	100		
64	68.7	52.1	78.1
63	36.0	25.7	38.5



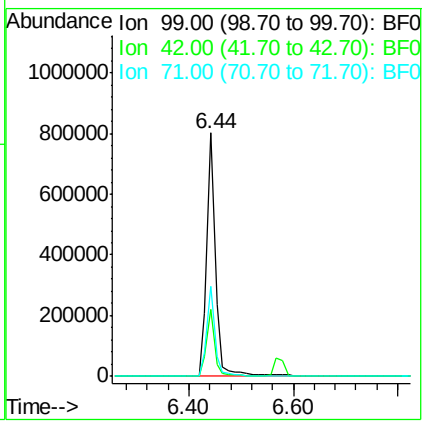


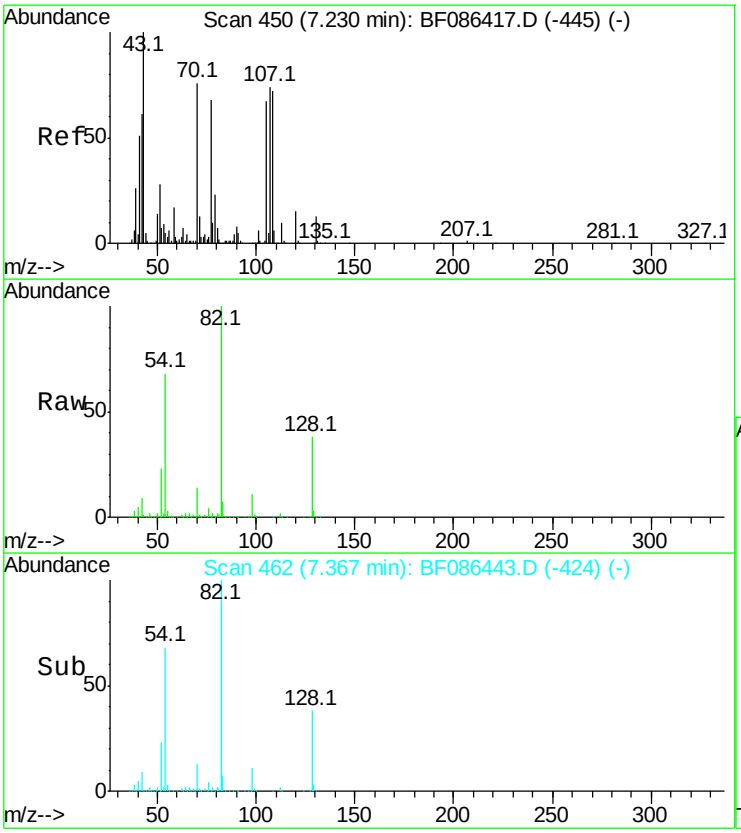
#7
Phenol-d6
Concen: 90.41 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion: 99 Resp: 955654

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.8	24.6	36.8

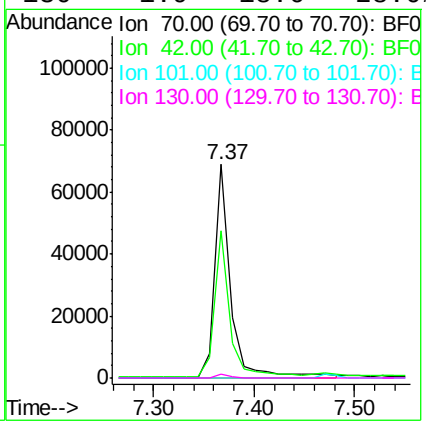


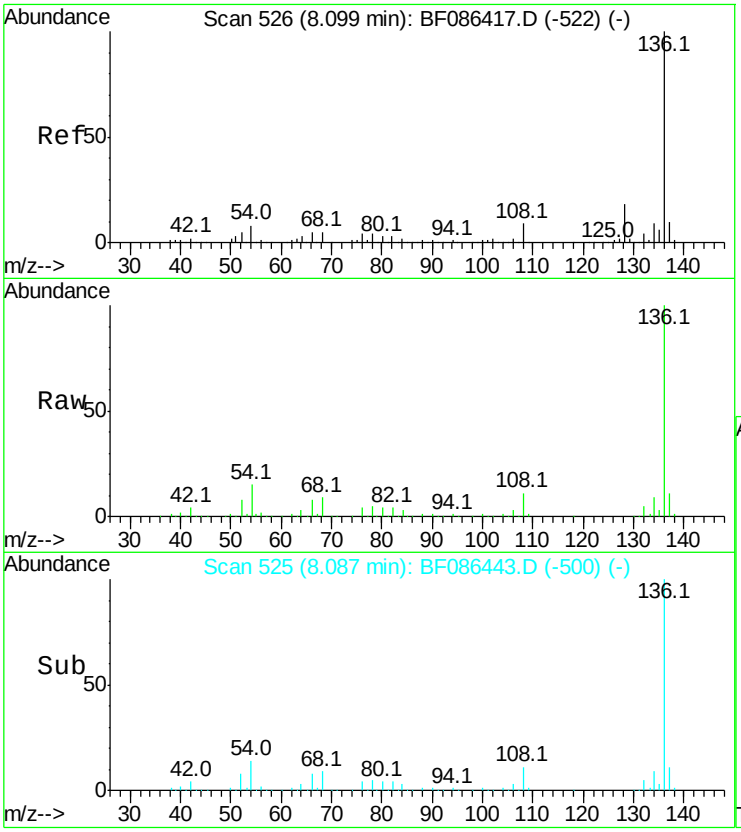


#19
n-Nitroso-di-n-propylamine
Concen: 10.95 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion: 70 Resp: 76471

Ion	Ratio	Lower	Upper
70	100		
42	68.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



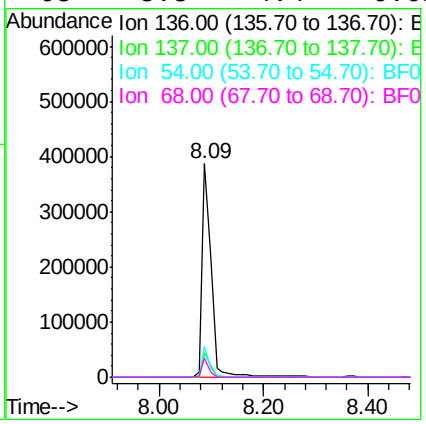


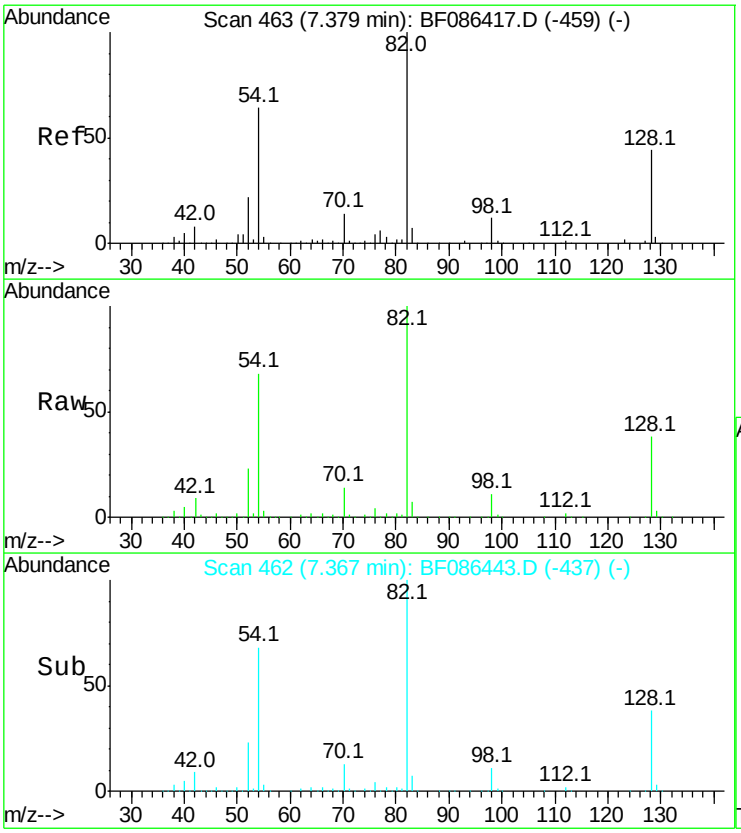
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:136 Resp: 471595

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.7	5.0	7.4#
68	8.8	4.4	6.6#

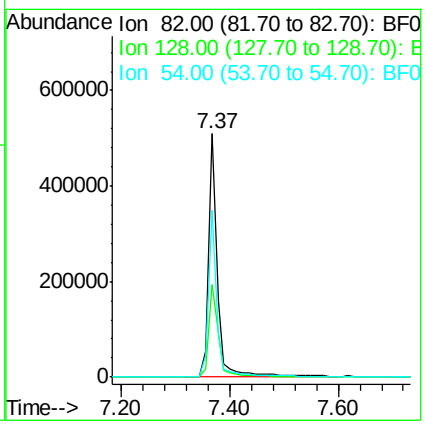


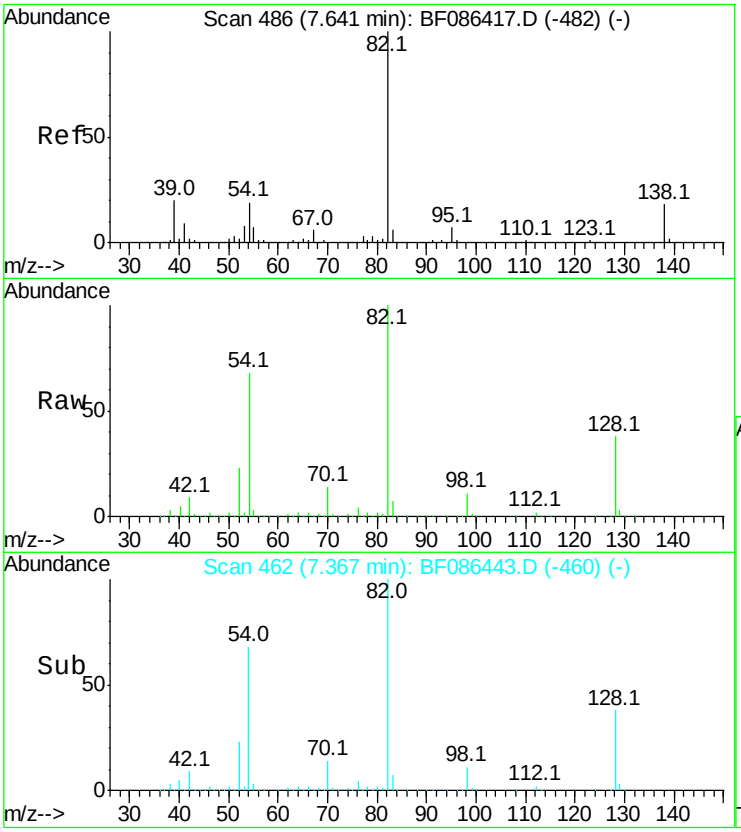


#23
Nitrobenzene-d5
Concen: 66.99 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion: 82 Resp: 586100

Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	68.5	38.1	57.1#



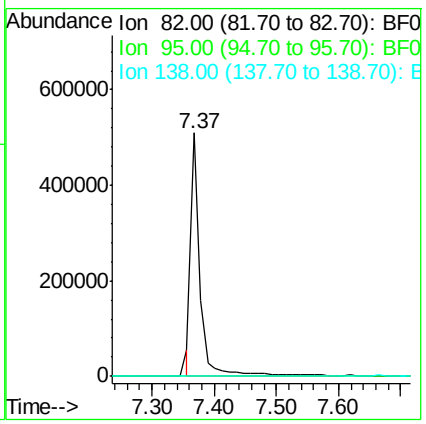


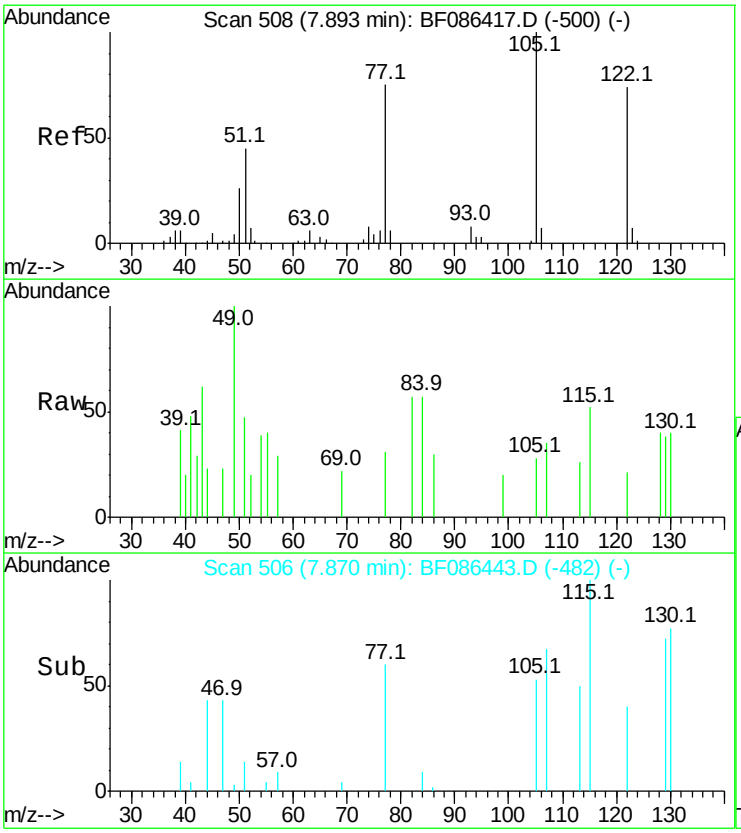
#25
Isophorone
Concen: 30.82 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion: 82 Resp: 518942

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

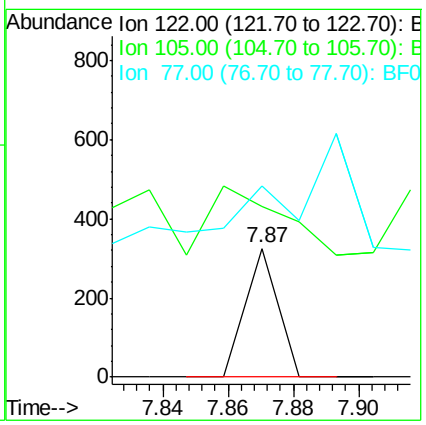


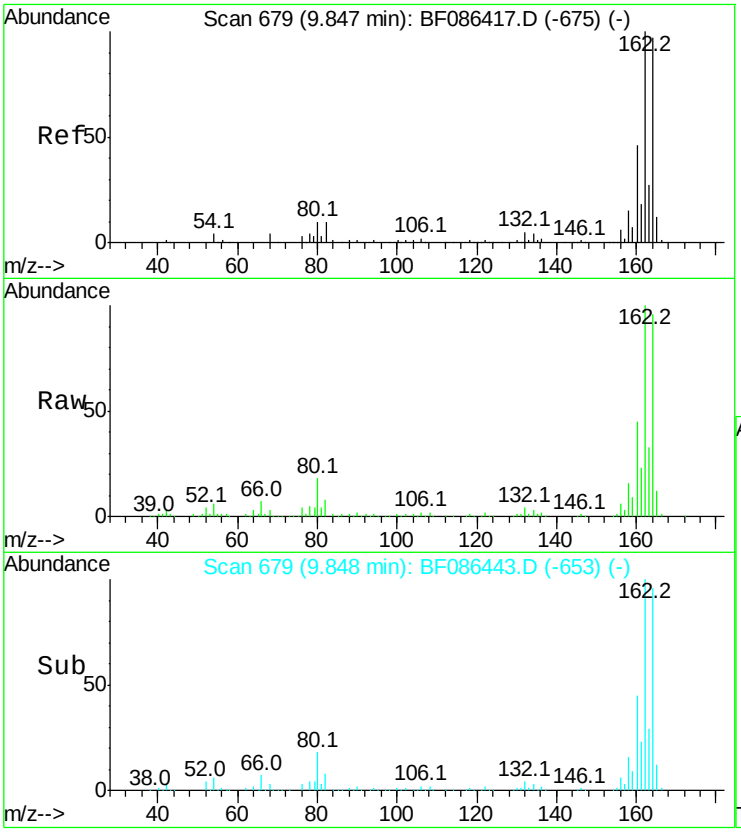


#32
Benzoic acid
Concen: 8.82 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:122 Resp: 223

Ion	Ratio	Lower	Upper
122	100		
105	132.3	92.6	132.6
77	148.6	60.0	100.0#



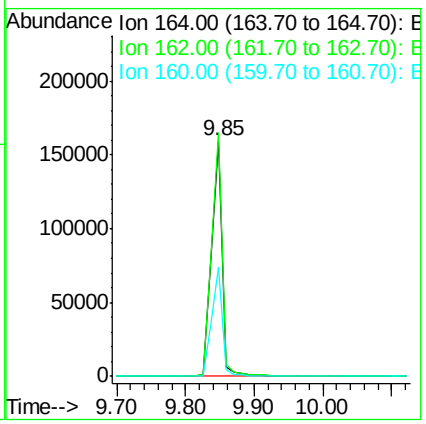


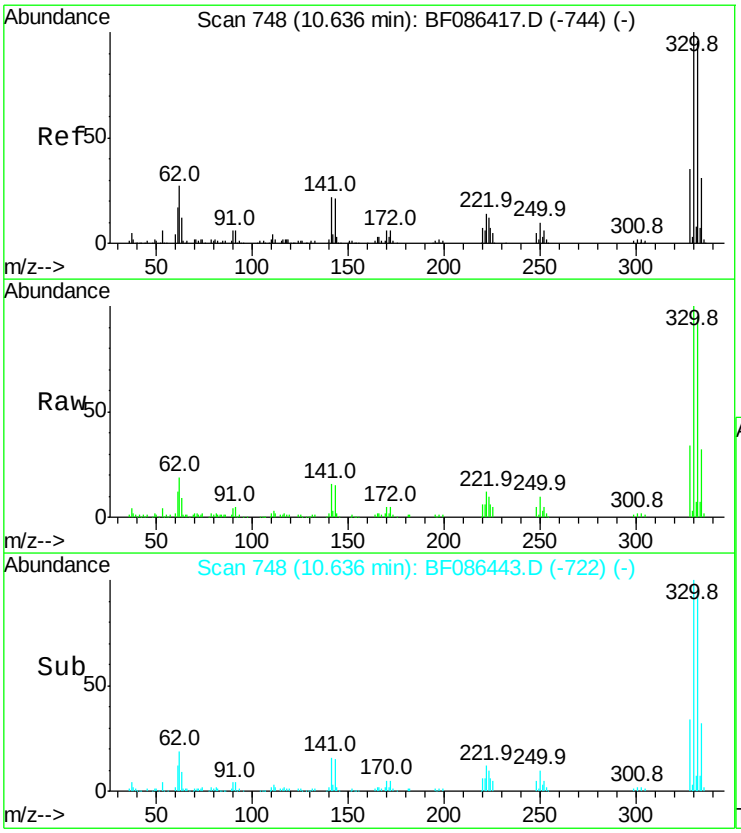
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:164 Resp: 174340

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	46.7	36.9	55.3

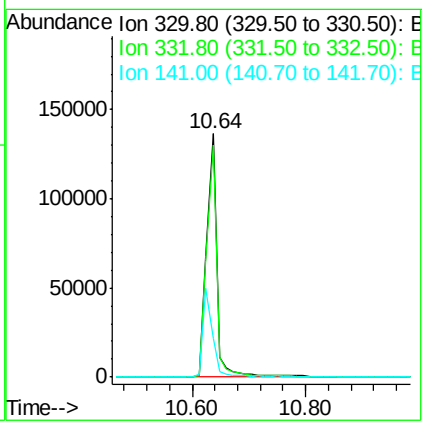


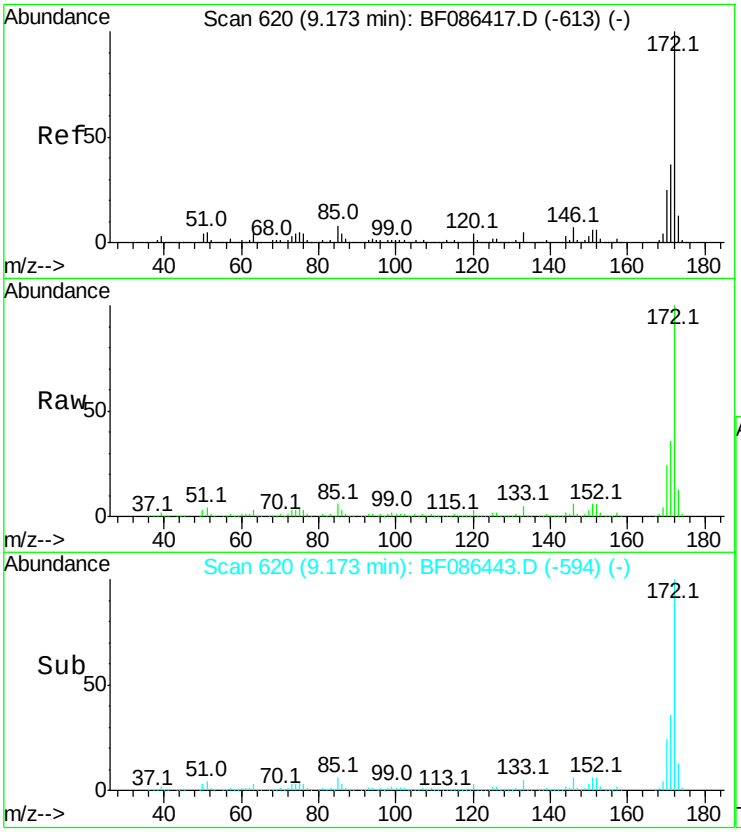


#41
2,4,6-Tribromophenol
Concen: 89.37 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:330 Resp: 164318

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	34.6	31.2	46.8



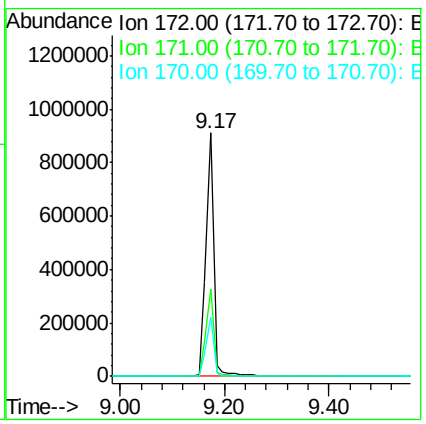


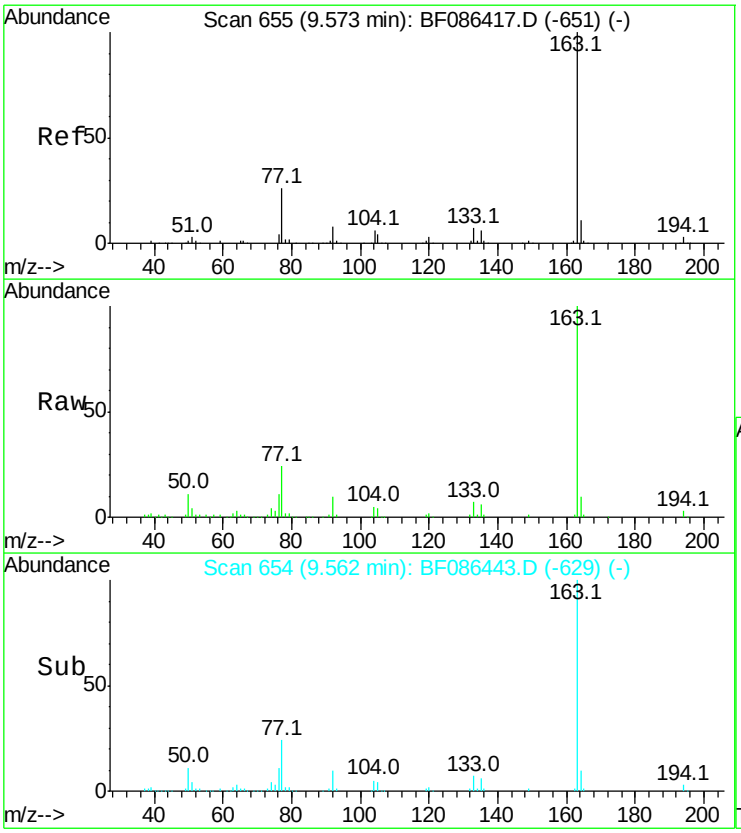
#44
2-Fluorobiphenyl
Concen: 99.64 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:172 Resp: 957678

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.2	19.8	29.8

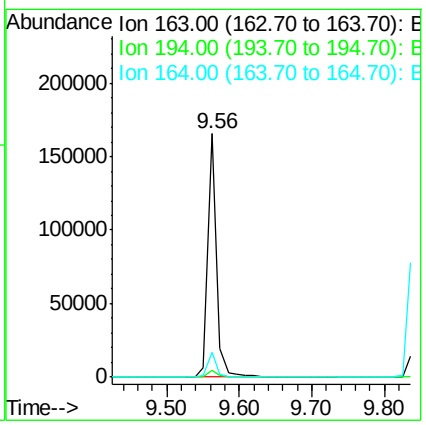


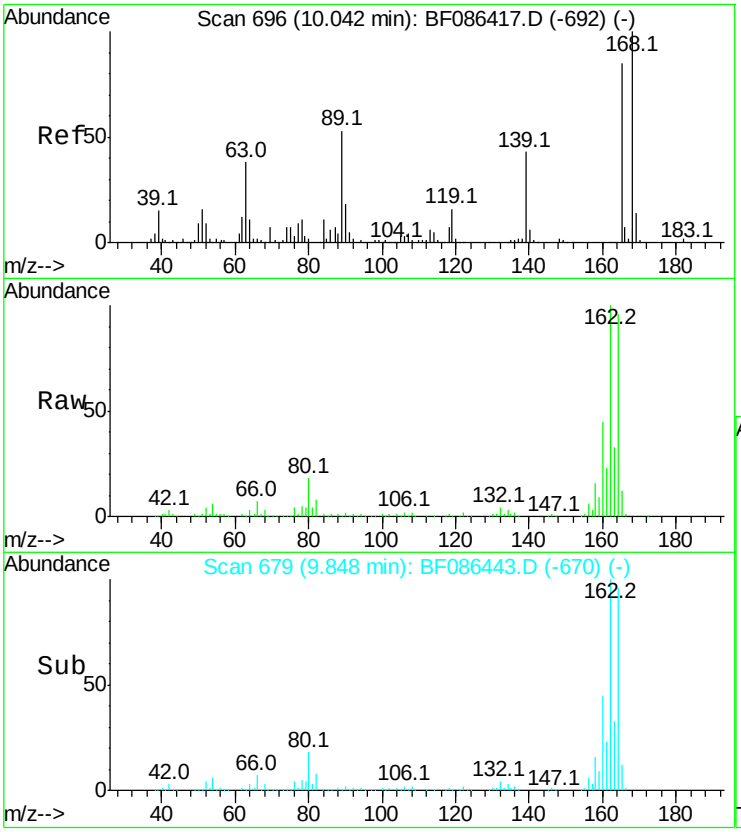


#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:163 Resp: 138363

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.2	8.2	12.4



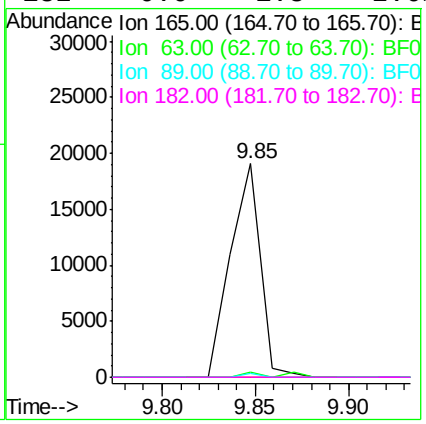


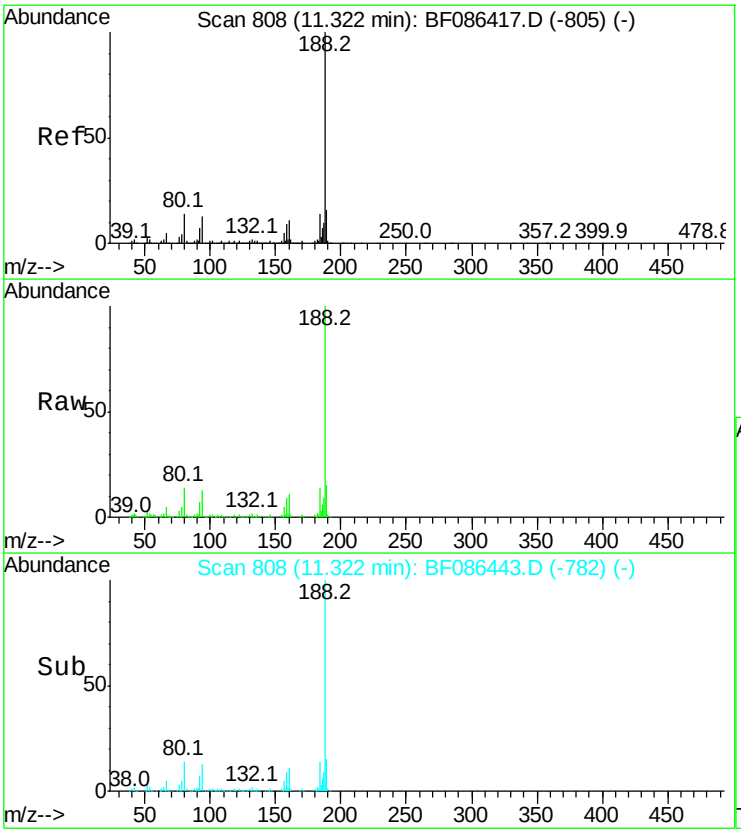
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:165 Resp: 21437

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

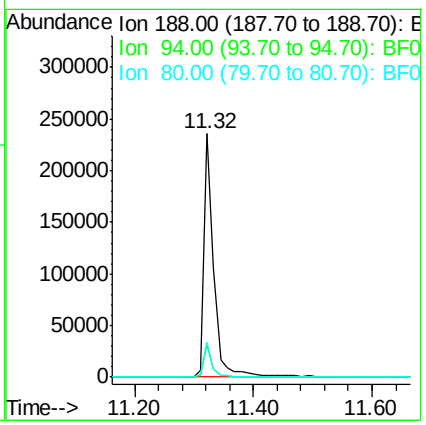


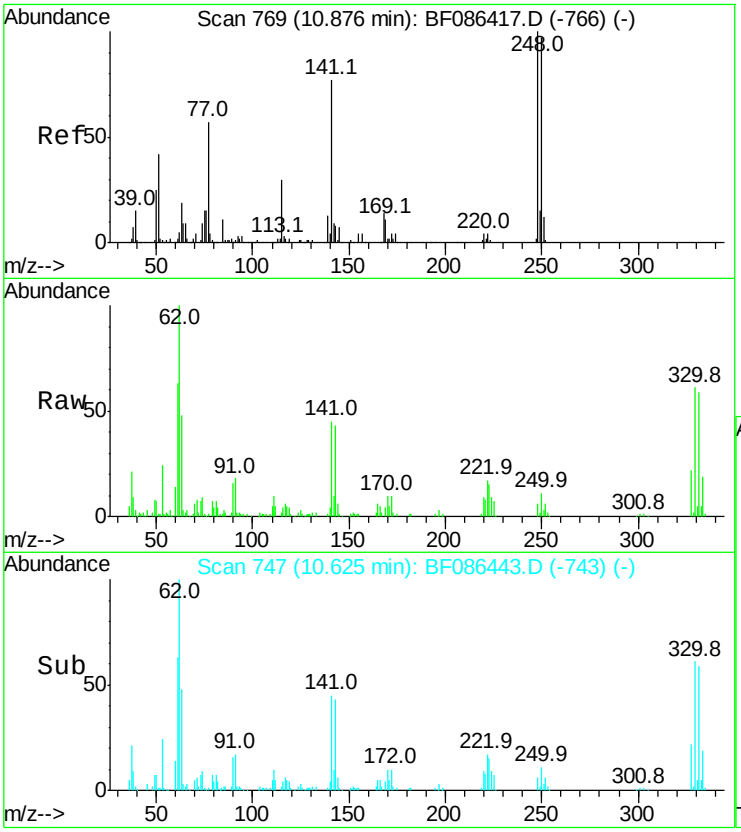


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:188 Resp: 278842

Ion	Ratio	Lower	Upper
188	100		
94	13.1	6.8	10.2#
80	14.4	7.1	10.7#



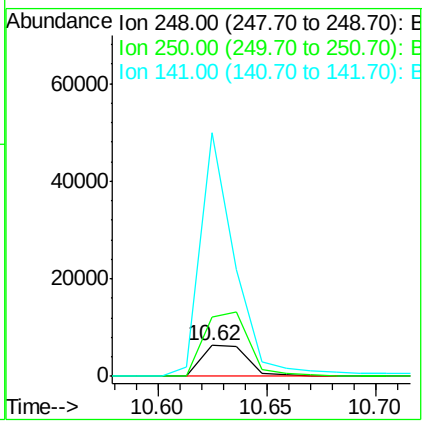


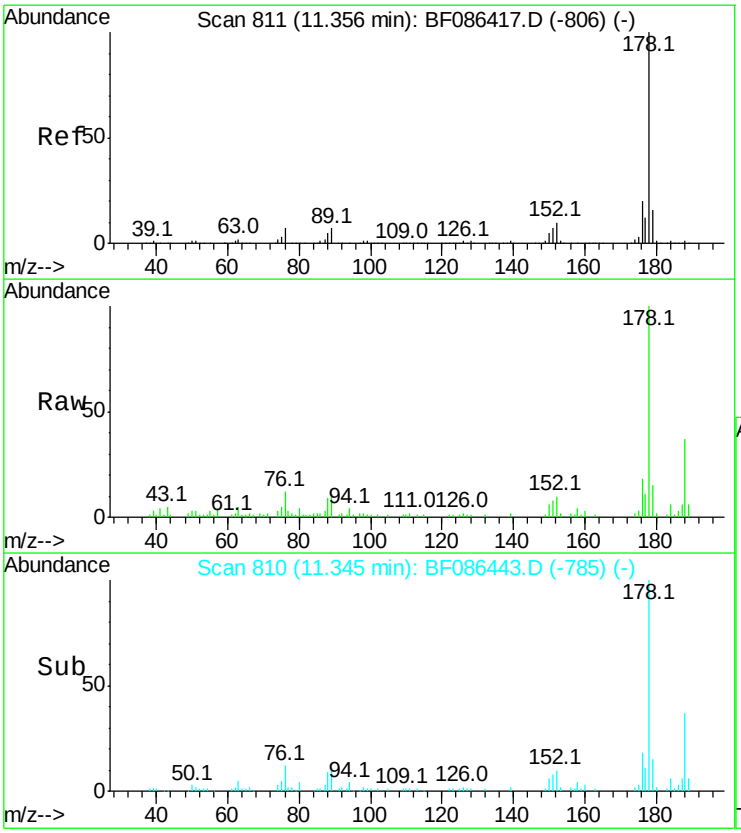
#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:248 Resp: 9208

Ion	Ratio	Lower	Upper
248	100		
250	193.7	78.6	117.8#
141	794.4	76.0	114.0#

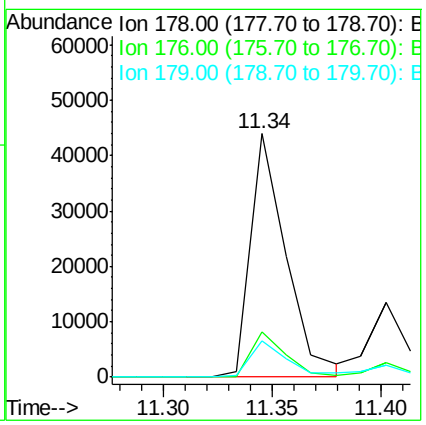


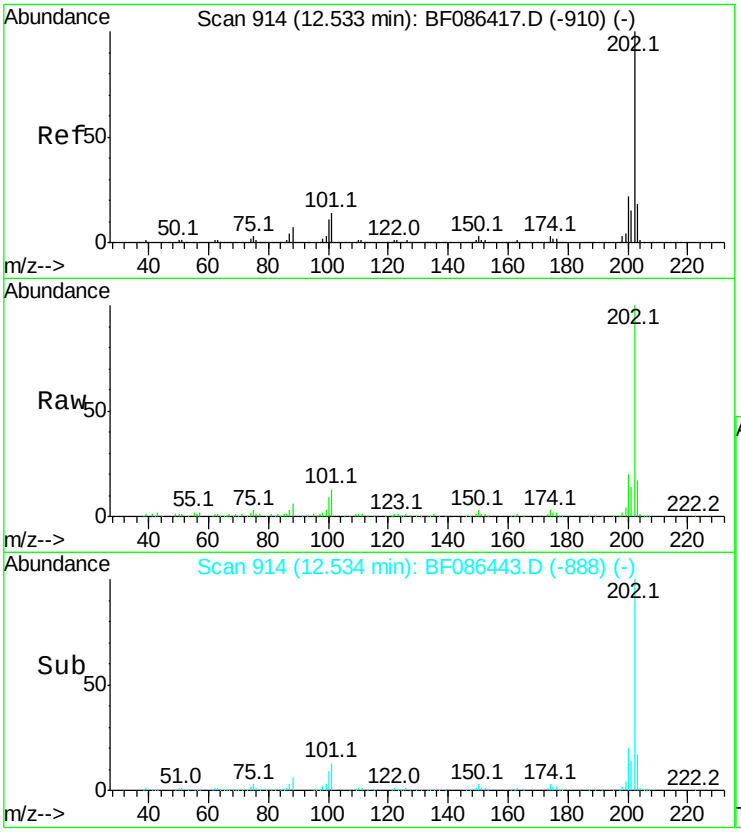


#70
Phenanthrene
Concen: 3.43 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:178 Resp: 50145

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	14.9	12.6	18.8



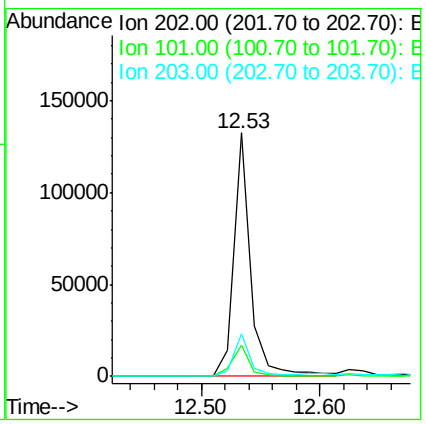


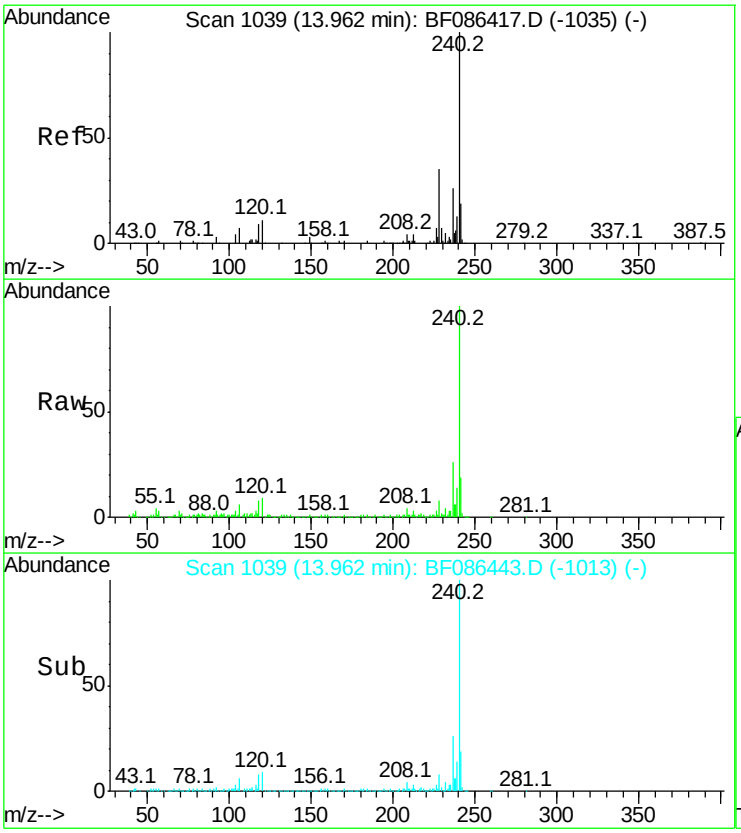
#74
Fluoranthene
Concen: 8.94 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:202 Resp: 132056

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	35.4
203	17.5	0.0	38.1

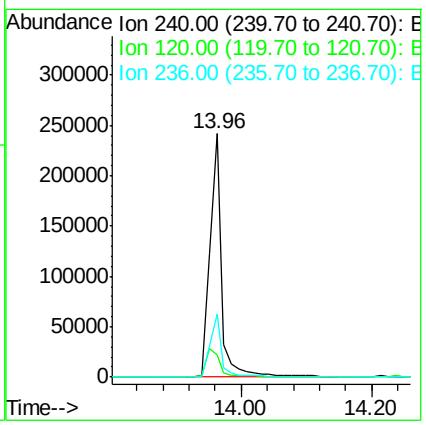


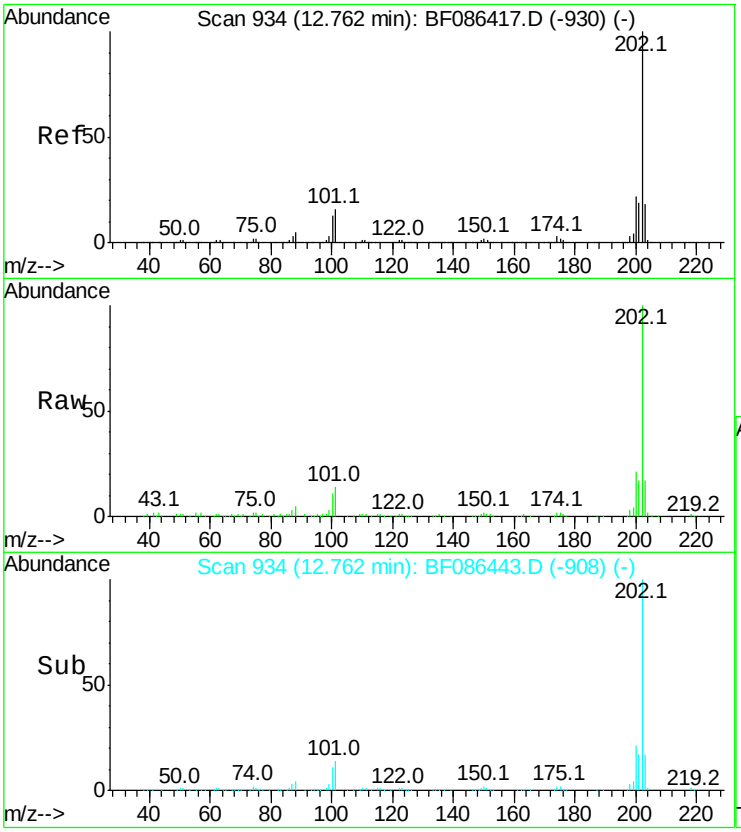


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:240 Resp: 306291

Ion	Ratio	Lower	Upper
240	100		
120	9.2	11.2	16.8#
236	26.0	21.2	31.8



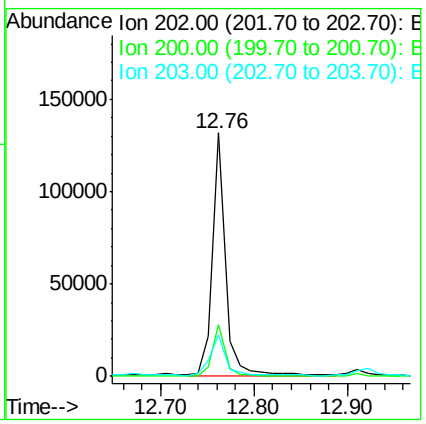


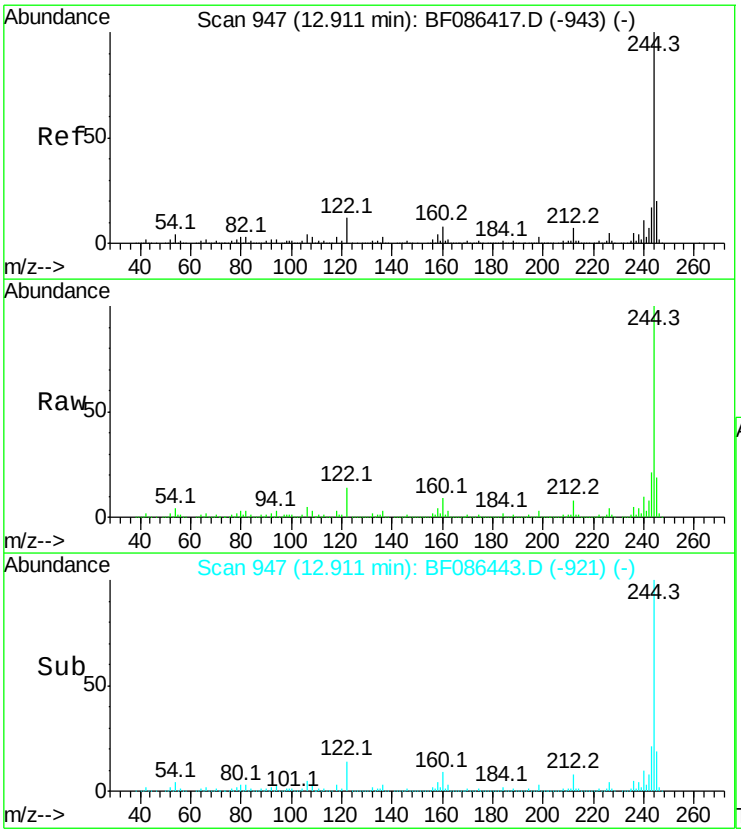
#77
Pyrene
Concen: 5.90 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:202 Resp: 130142

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.0	14.2	21.4

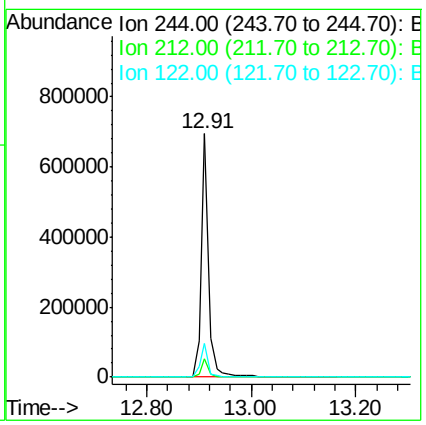


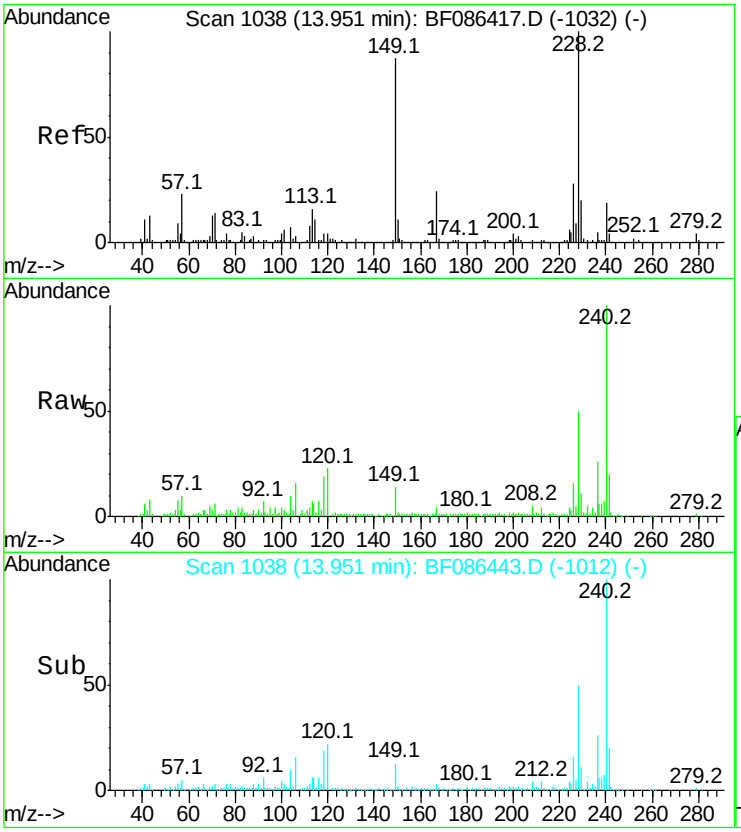


#78
Terphenyl-d14
Concen: 49.07 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:244 Resp: 682203

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.9	12.0	18.0



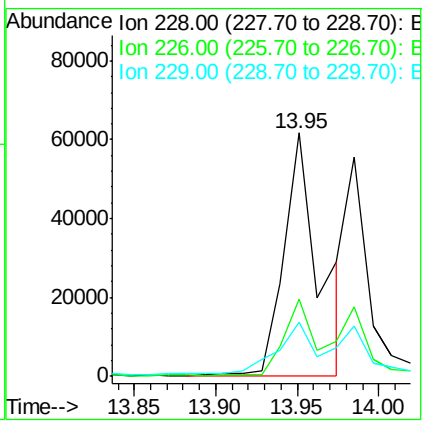


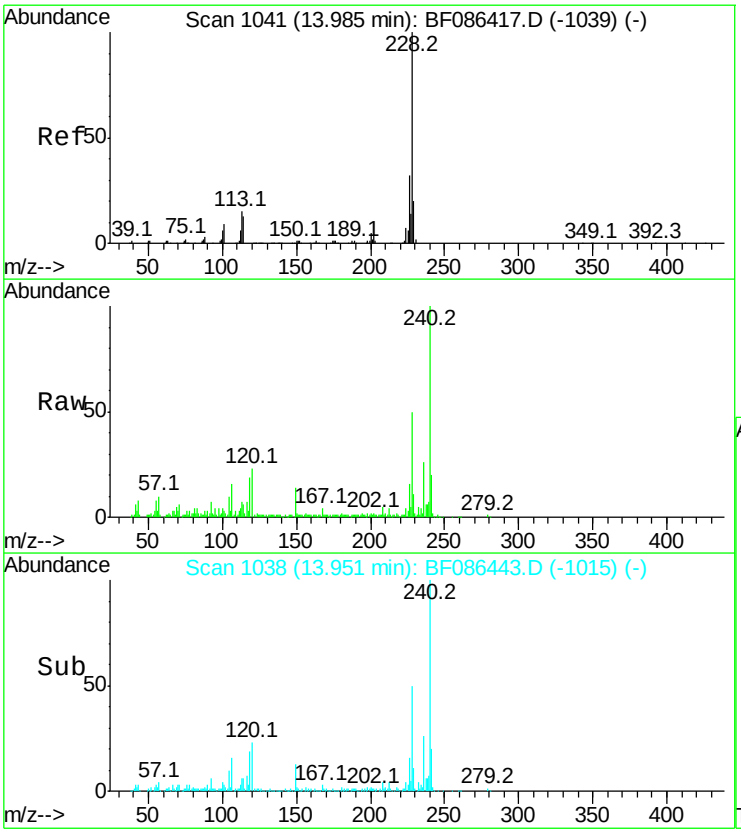
#80
Benzo(a)anthracene
Concen: 5.76 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:228 Resp: 94089

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.5	33.7
229	22.2	16.6	25.0

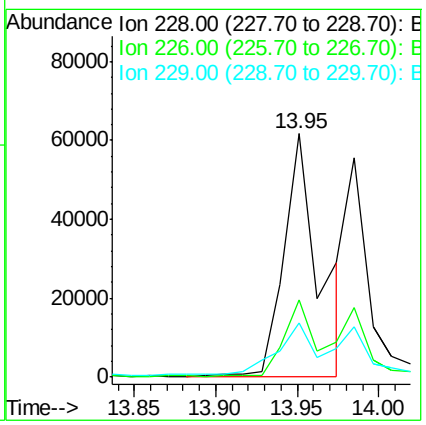


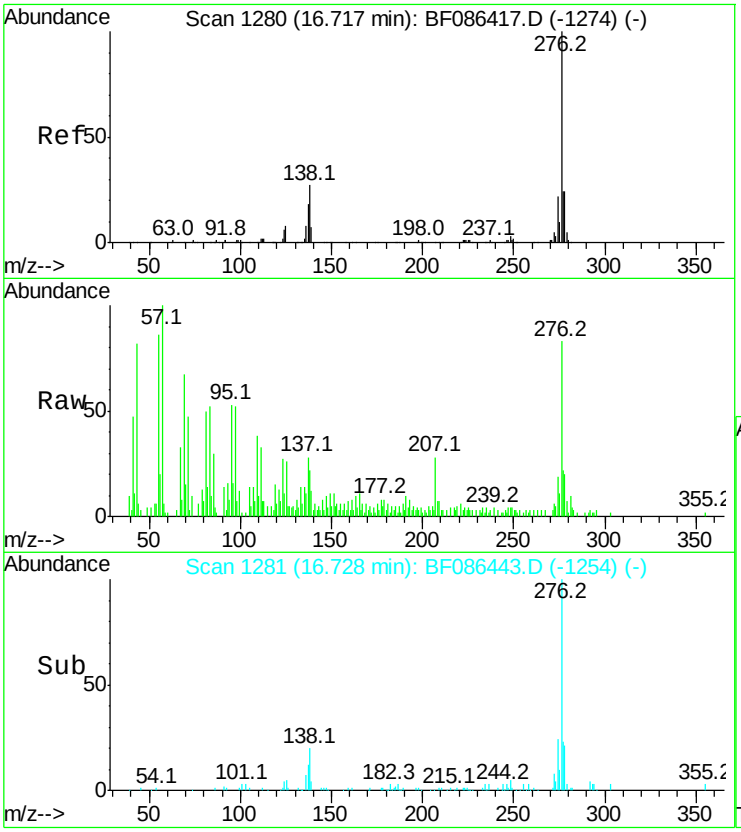


#82
Chrysene
Concen: 5.30 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:228 Resp: 94089

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	22.2	15.8	23.8



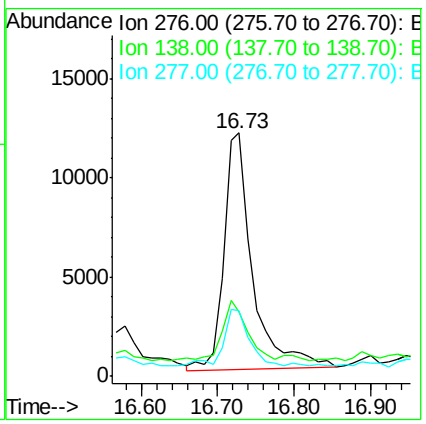


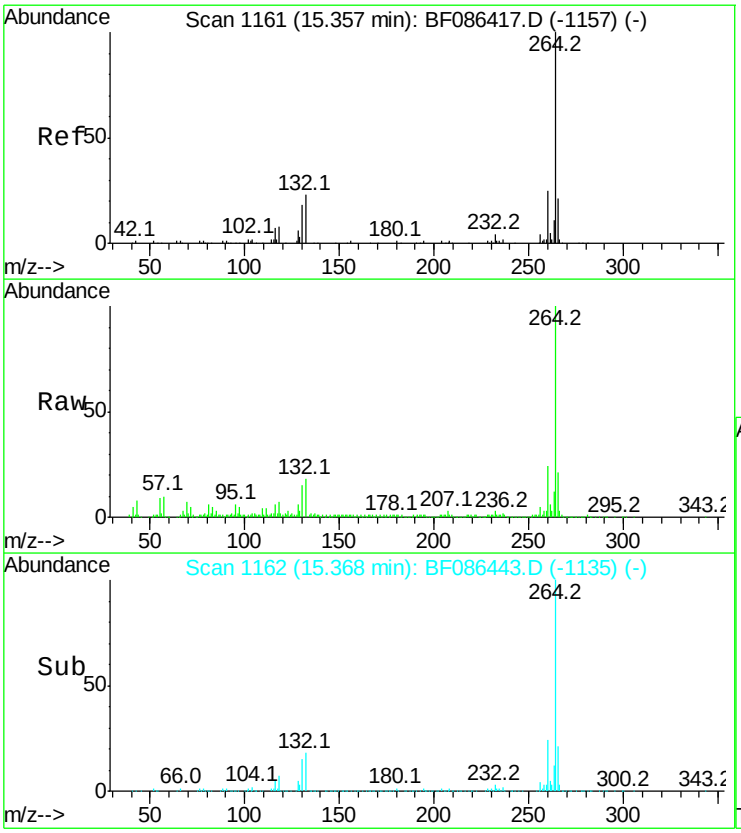
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.37 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:276 Resp: 31195

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.6	38.4#
277	21.9	20.5	30.7

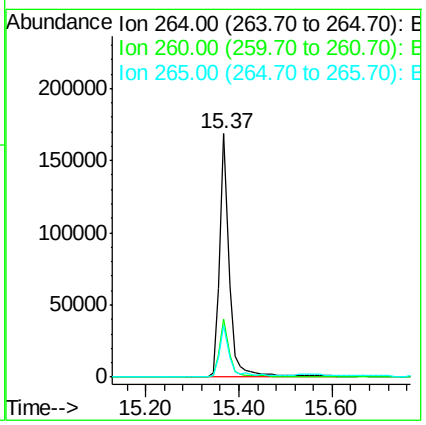


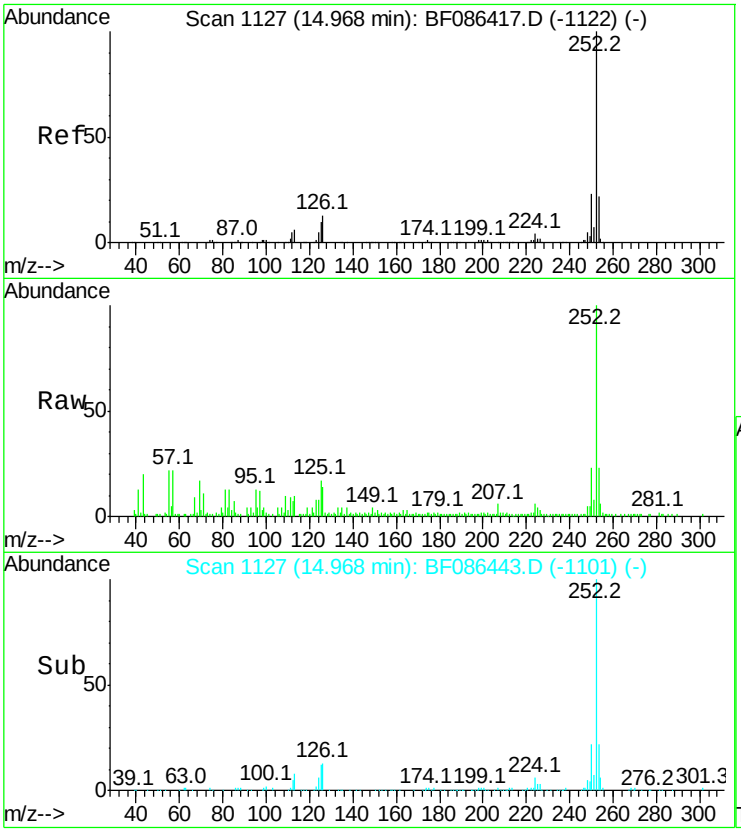


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:264 Resp: 239360

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.3	25.9



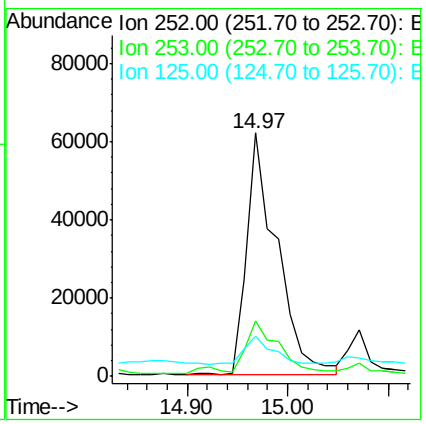


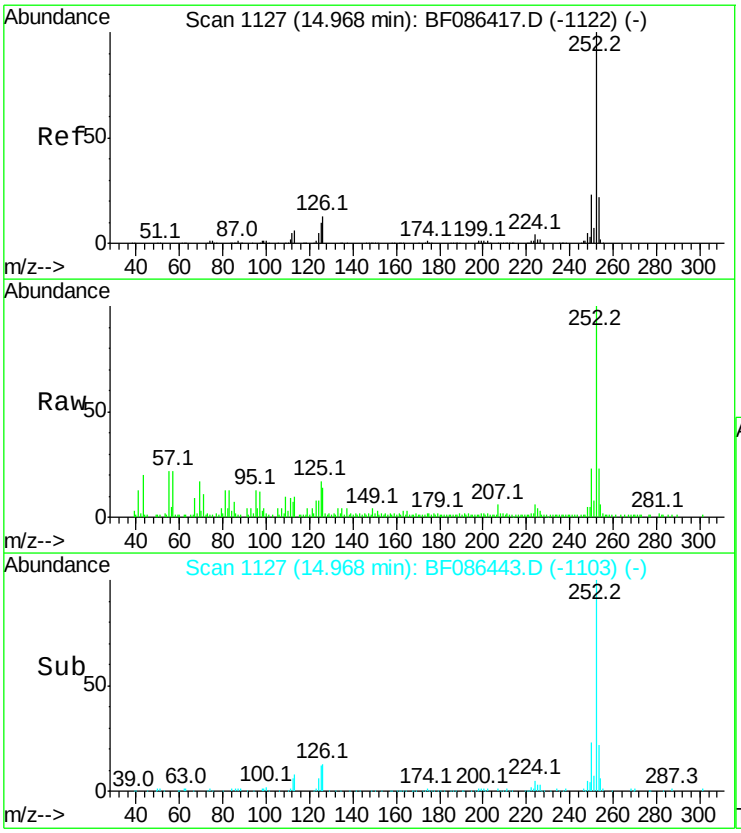
#87
Benzo(b)fluoranthene
Concen: 9.10 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:252 Resp: 128172

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	16.6	11.4	17.0

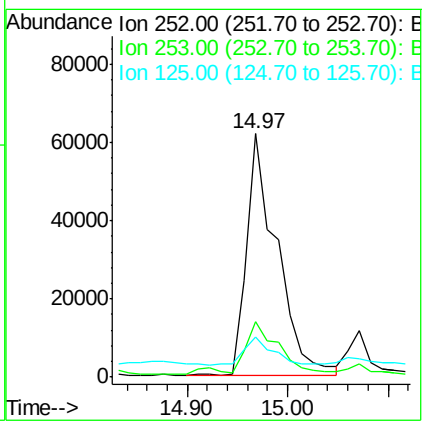


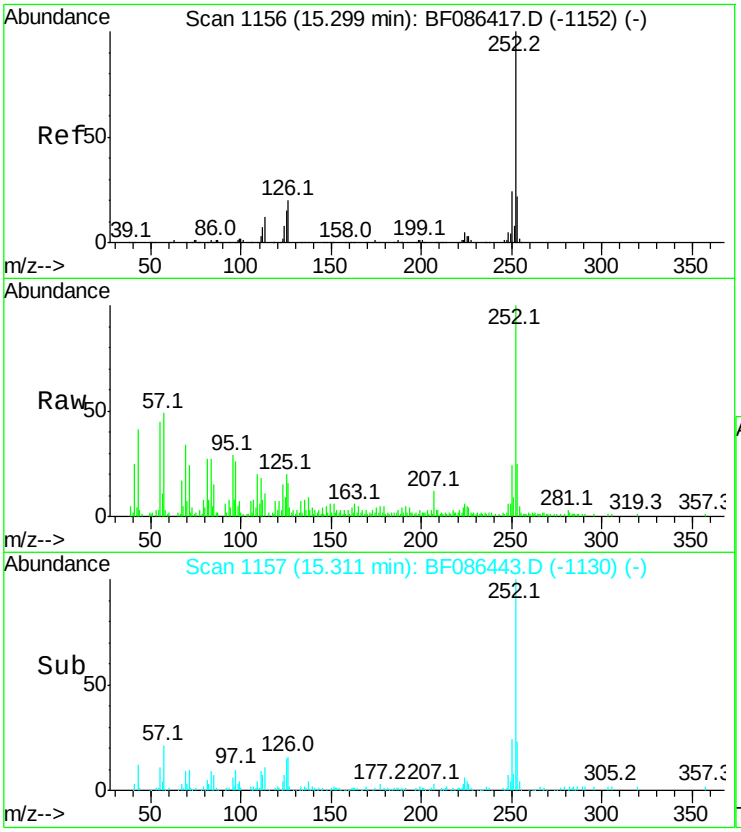


#88
Benzo(k)fluoranthene
Concen: 8.73 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:252 Resp: 128172

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	16.6	9.1	13.7#



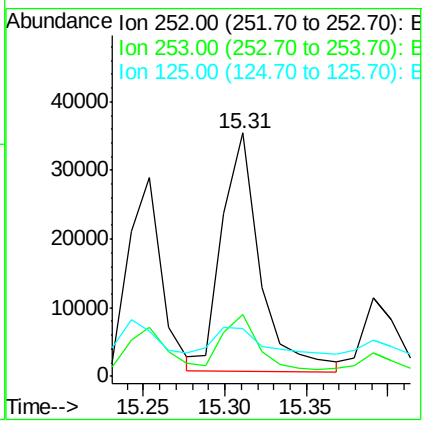


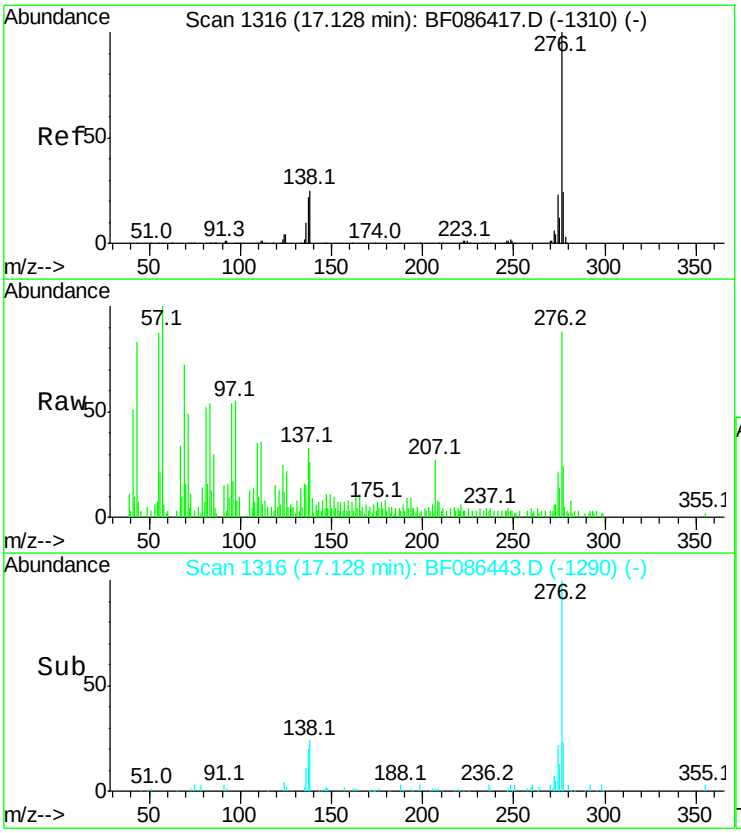
#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

Tgt Ion:252 Resp: 56161

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	19.6	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 2.74 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF086443.D
Acq: 28 Apr 2016 00:26

Tgt Ion:276 Resp: 29869

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.6	29.4
138	29.6	23.6	35.4