Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086804.D
Acq On : 8 May 2016 5:44
Operator : UM/SJ
Sample : H2720-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS2

Quant Time: May 09 00:55:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183786	40.00	ng		-0.03
21) Naphthalene-d8	7.98	136	727830	40.00	ng		-0.05
38) Acenaphthene-d10	9.73	164	337384	40.00	ng		-0.05
63) Phenanthrene-d10	11.22	188	594188	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	391701	40.00	ng		-0.03
86) Perylene-d12	15.22	264	331387	40.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1267268	114.15	ng		-0.01
7) Phenol-d6	6.37	99	1895835	126.77	ng		0.00
23) Nitrobenzene-d5	7.28	82	1216334	85.88	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	423584	128.34	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1510570	73.39	ng		-0.03
78) Terphenyl-d14	12.80	244	994043	51.29	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	179530	17.57	ng	#	73
25) Isophorone	7.28	82	1168434	44.30	ng	#	68
32) Benzoic acid	7.81	122	1328	8.66	ng	#	1
35) Caprolactam	8.42	113	6868	2.25	ng	#	7
49) Dimethylphthalate	9.47	163	222095	8.83	ng		98
53) 2,4-Dinitrophenol	10.02	184	1359	9.84	ng	#	61
64) 4,6-Dinitro-2-methylphenol	10.48	198	330	5.34	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	24149	4.09	ng	#	1
70) Phenanthrene	11.24	178	212255	6.65	ng		99
74) Fluoranthene	12.42	202	242590	7.58	ng		98
76) Benzidine	12.56	184	1163	7.19	ng	#	1
77) Pyrene	12.65	202	202659	6.49	ng		99
80) Benzo(a)anthracene	13.84	228	101204	4.57	ng	#	96
82) Chrysene	13.84	228	101204	4.28	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	134712	6.77	ng		97
88) Benzo(k)fluoranthene	14.84	252	134712	7.18	ng		98
89) Benzo(a)pyrene	15.17	252	62815	3.42	ng		95

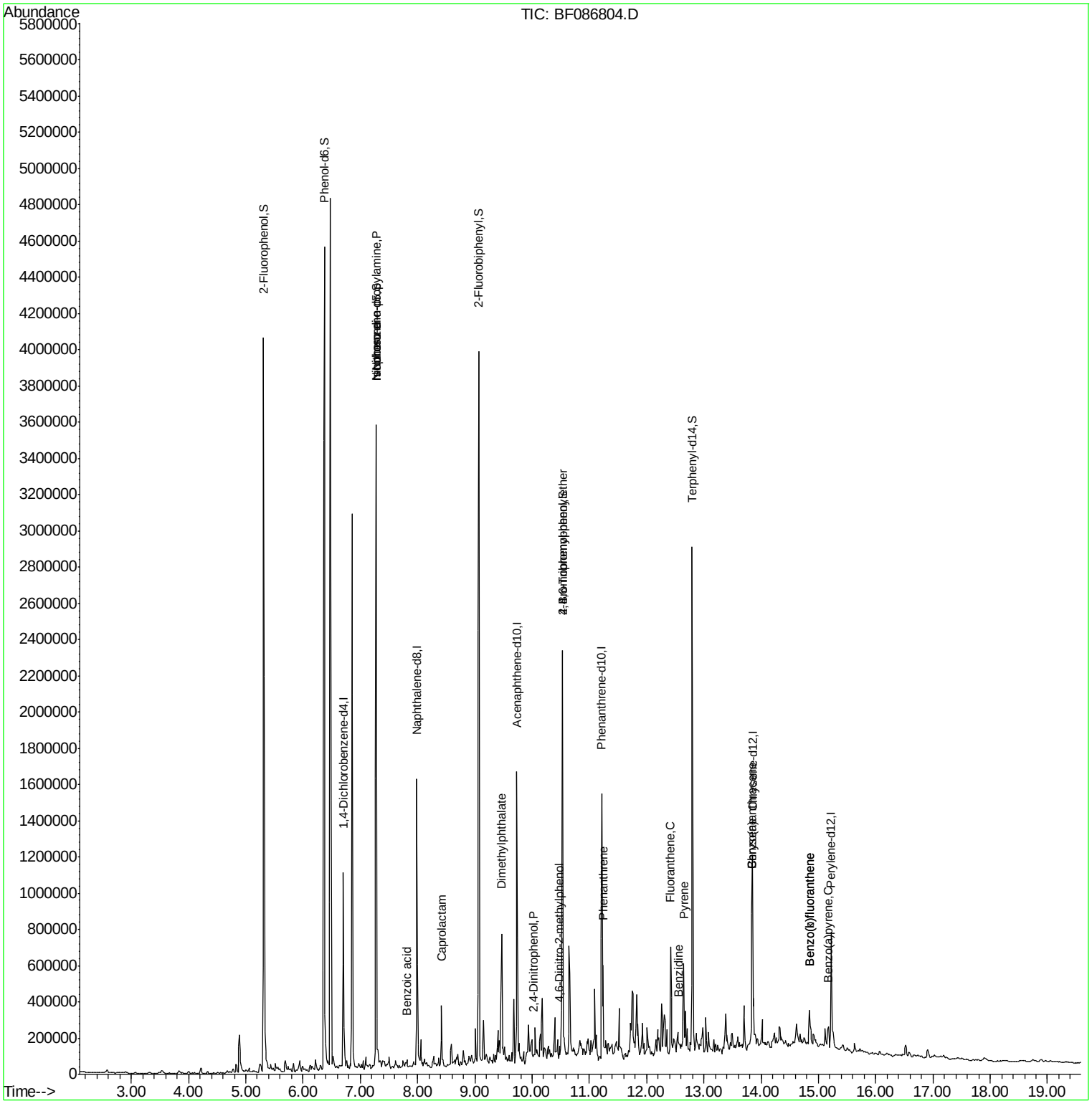
(#) = qualifier out of range (m) = manual integration (+) = signals summed

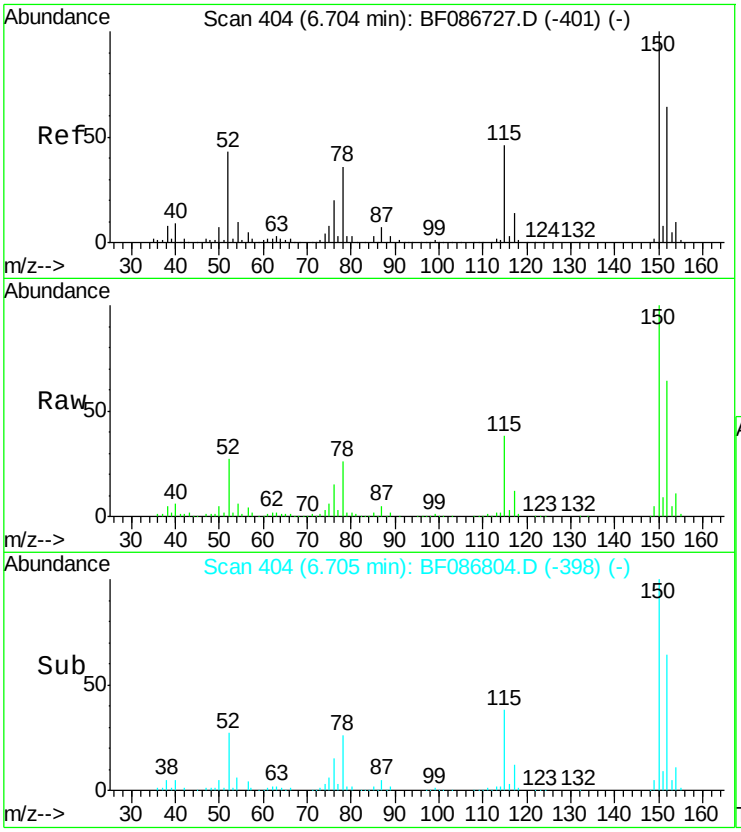
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086804.D
Acq On : 8 May 2016 5:44
Operator : UM/SJ
Sample : H2720-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS2

Quant Time: May 09 00:55:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



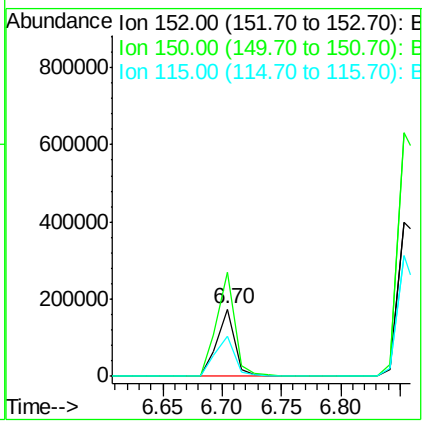


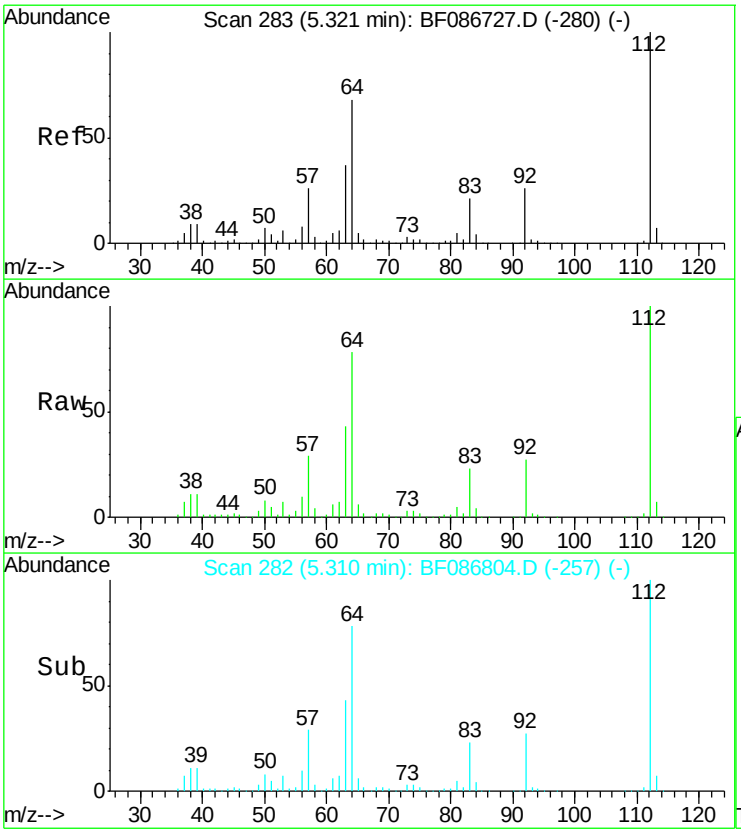
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:152 Resp: 183786

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	59.9	51.5	77.3

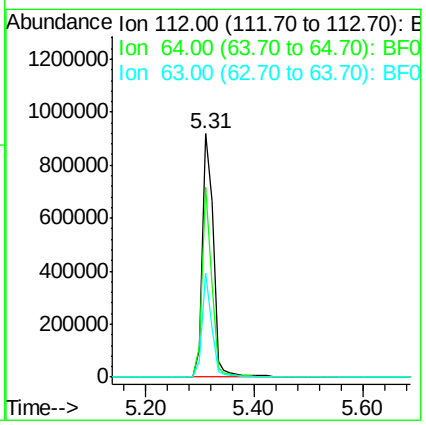


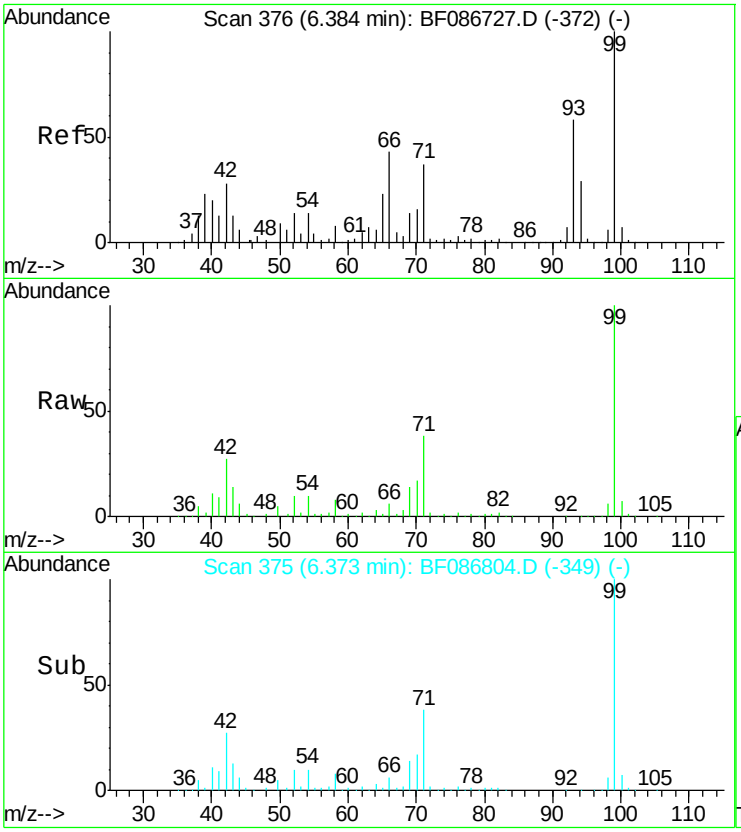


#5
2-Fluorophenol
Concen: 114.15 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:112 Resp: 1267268

Ion	Ratio	Lower	Upper
112	100		
64	78.1	52.1	78.1
63	42.8	25.7	38.5#



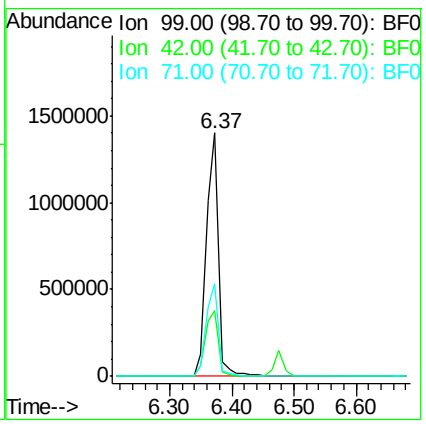


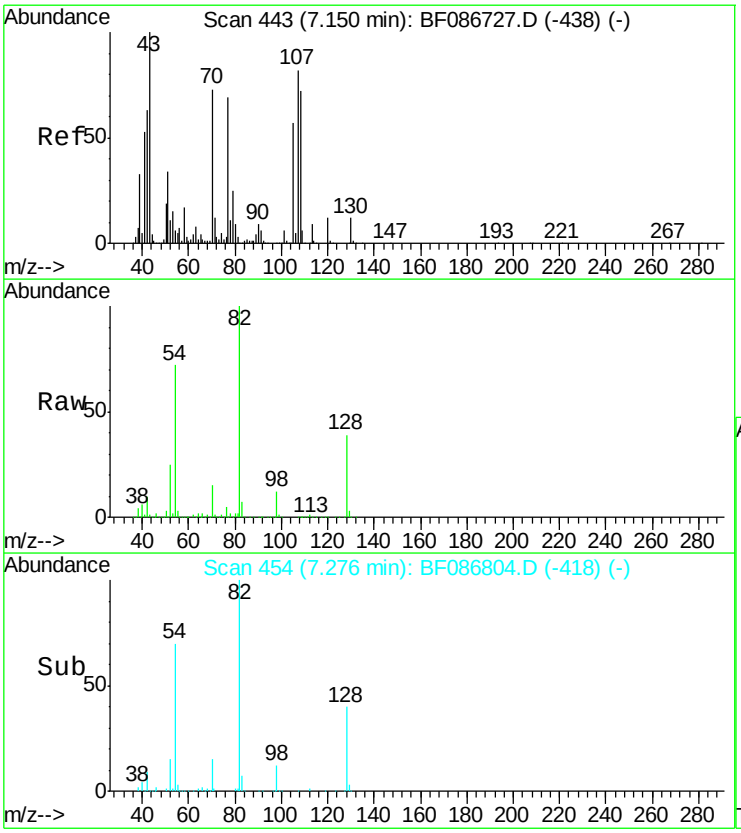
#7
Phenol-d6
Concen: 126.77 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion: 99 Resp: 1895835

Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	37.9	24.6	36.8#

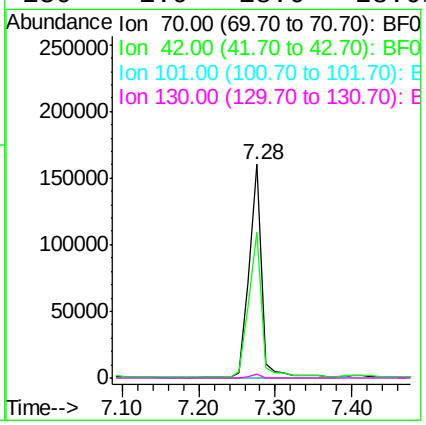


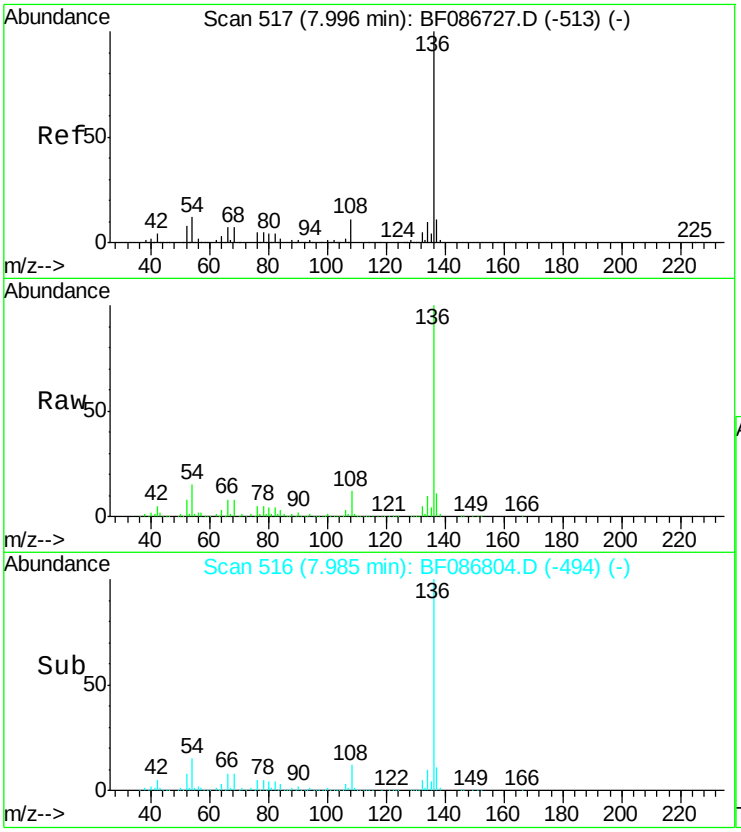


#19
n-Nitroso-di-n-propylamine
Concen: 17.57 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion: 70 Resp: 179530

Ion	Ratio	Lower	Upper
70	100		
42	68.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



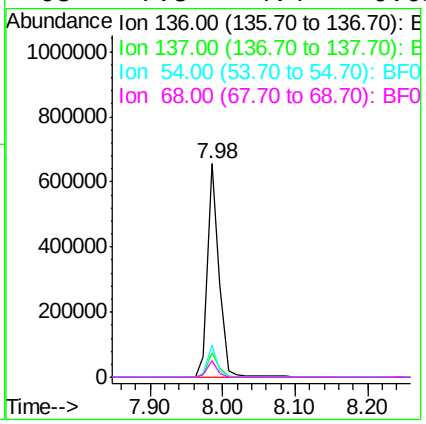


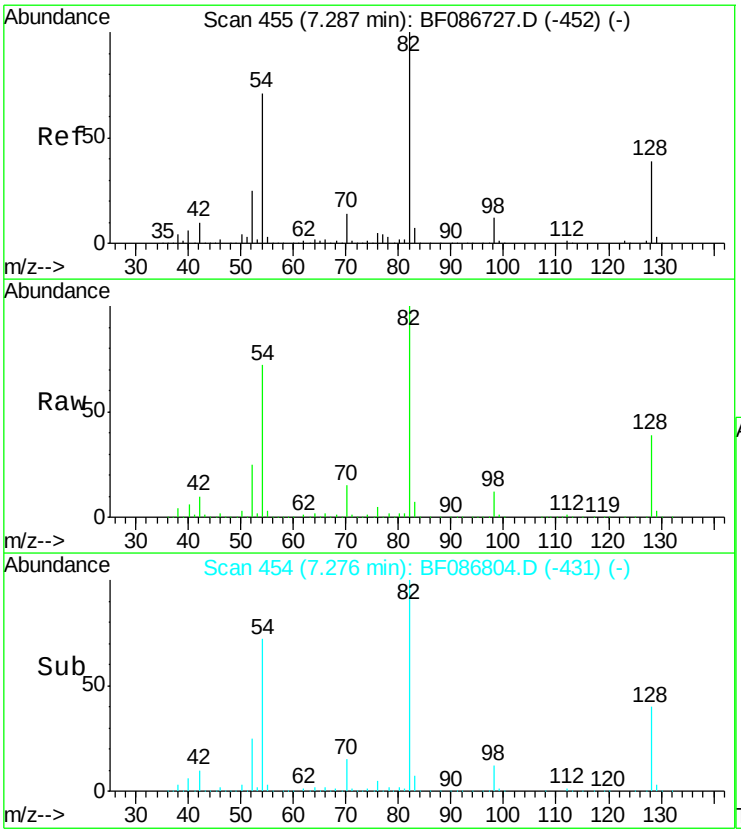
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:136 Resp: 727830

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.7	5.0	7.4#
68	7.8	4.4	6.6#

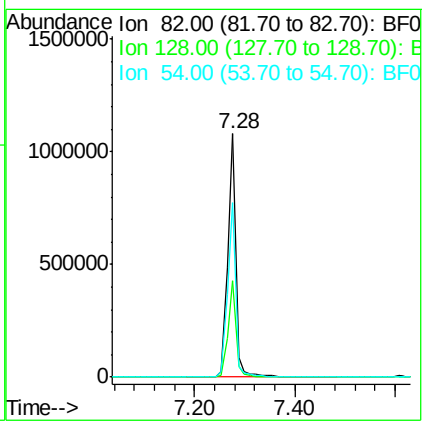


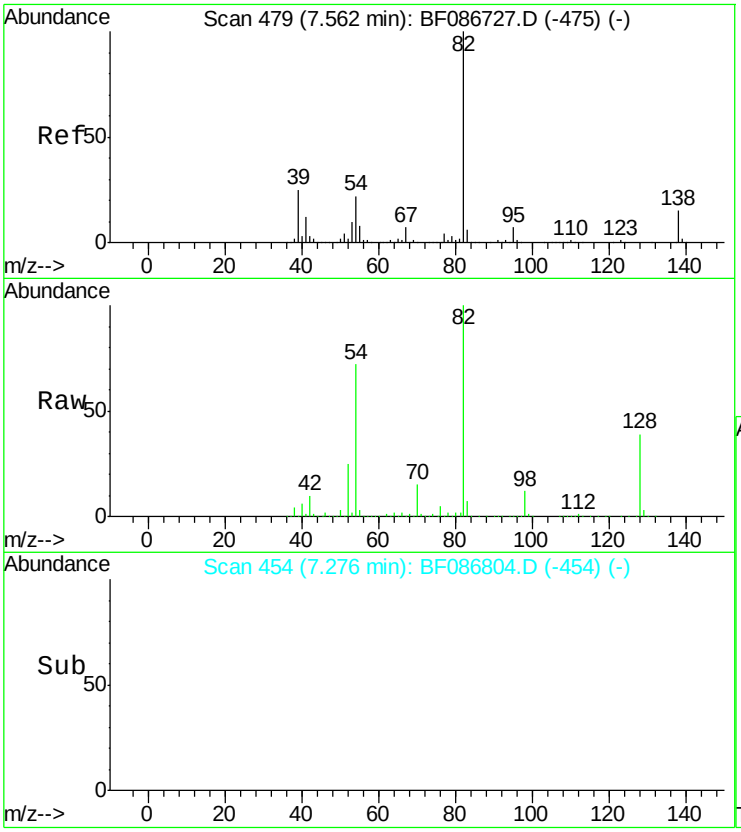


#23
Nitrobenzene-d5
Concen: 85.88 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion: 82 Resp: 1216334

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	71.8	38.1	57.1#



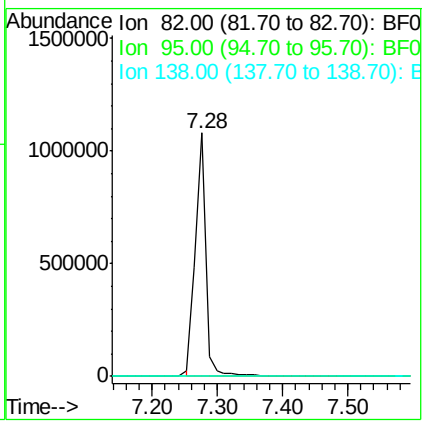


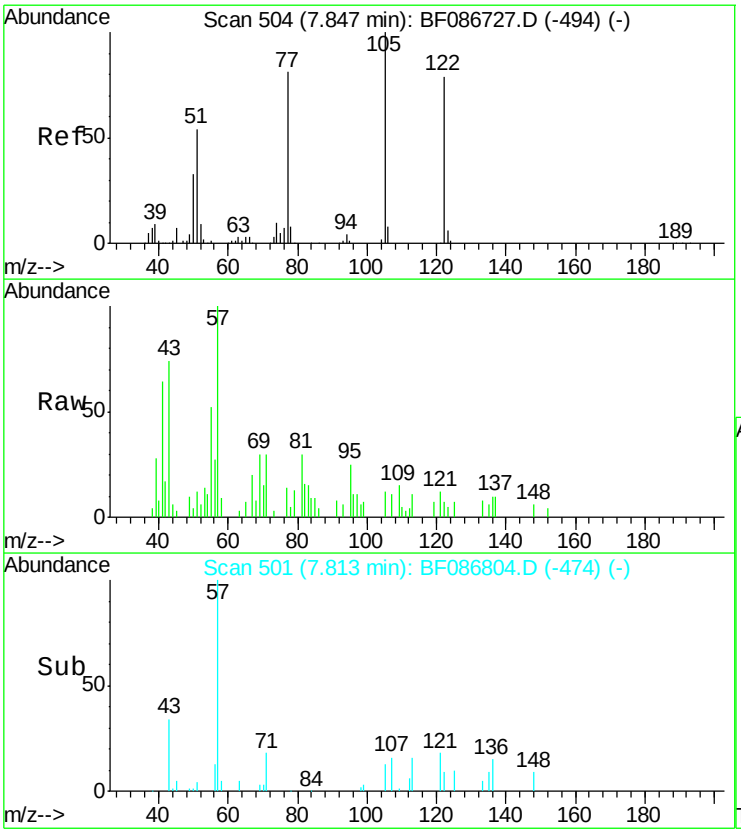
#25
Isophorone
Concen: 44.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion: 82 Resp: 1168434

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

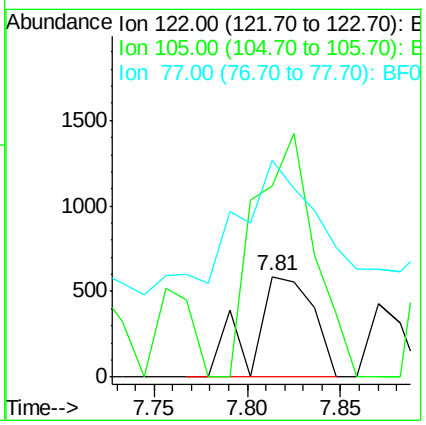


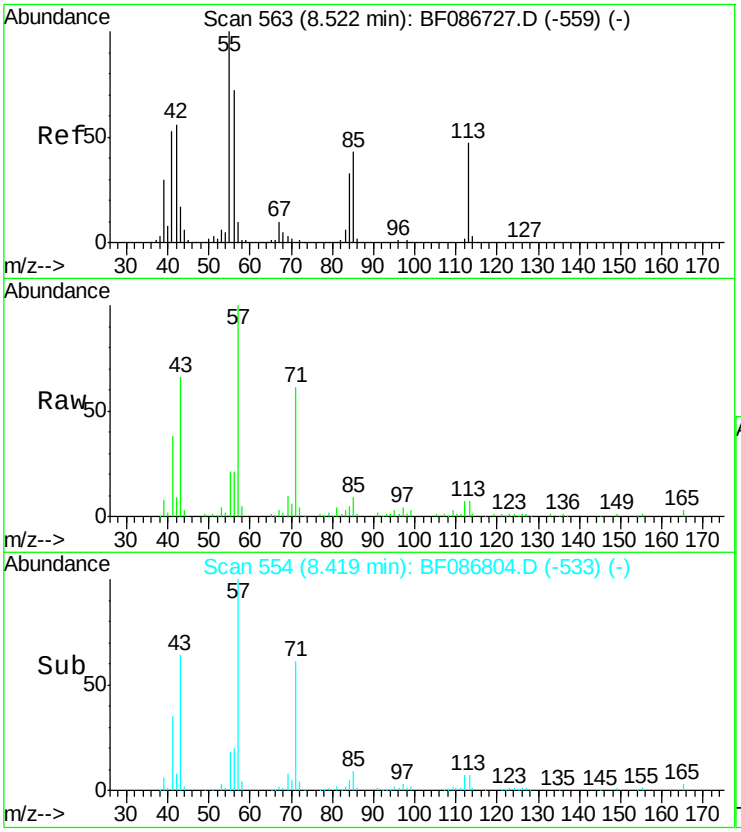


#32
Benzoic acid
Concen: 8.66 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:122 Resp: 1328

Ion	Ratio	Lower	Upper
122	100		
105	190.5	92.6	132.6#
77	216.0	60.0	100.0#



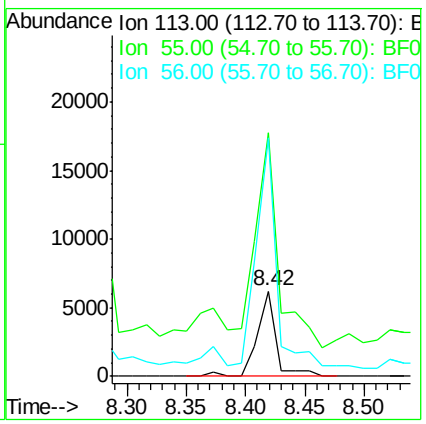


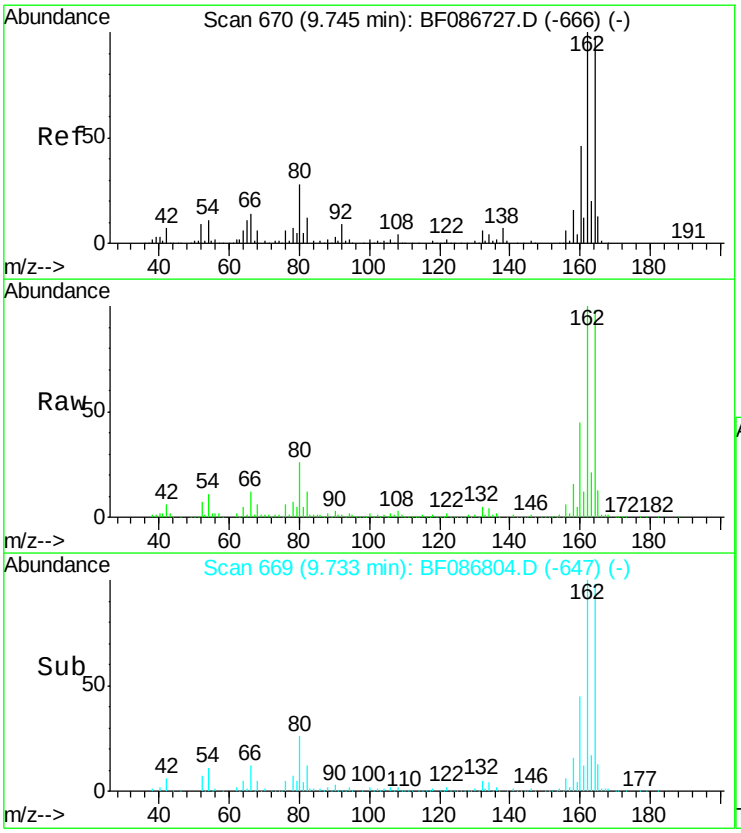
#35
Caprolactam
Concen: 2.25 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.06 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:113 Resp: 6868

Ion	Ratio	Lower	Upper
113	100		
55	284.6	162.0	202.0#
56	279.1	115.3	155.3#

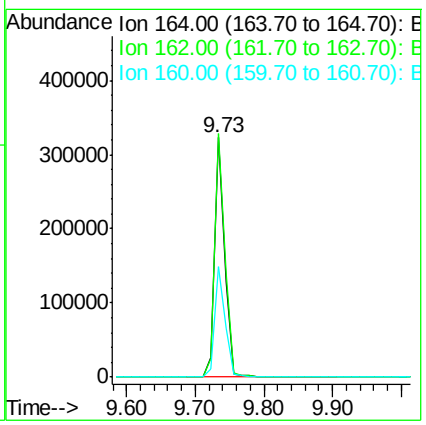


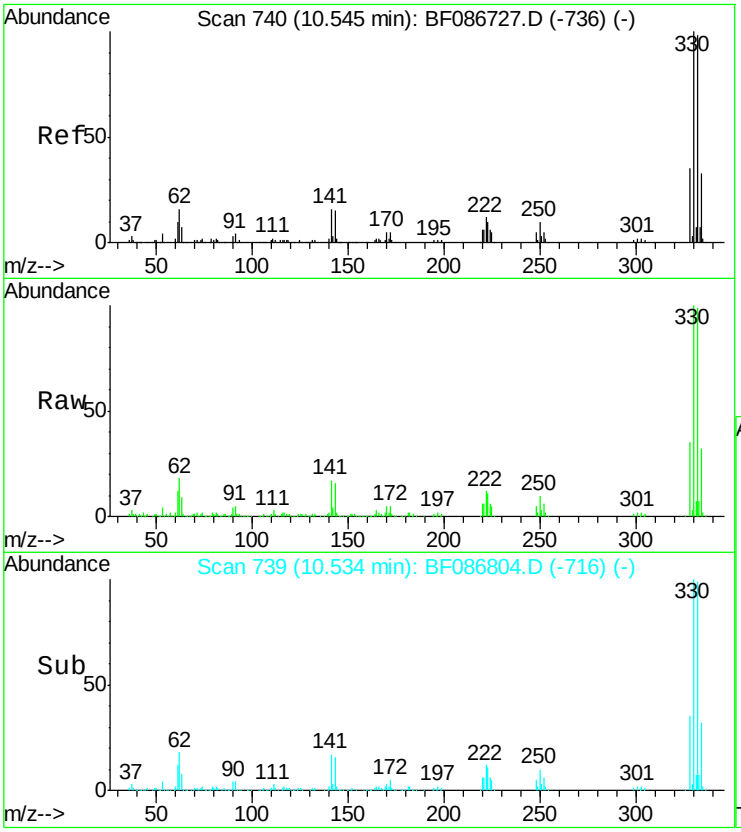


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:164 Resp: 337384

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	46.1	36.9	55.3



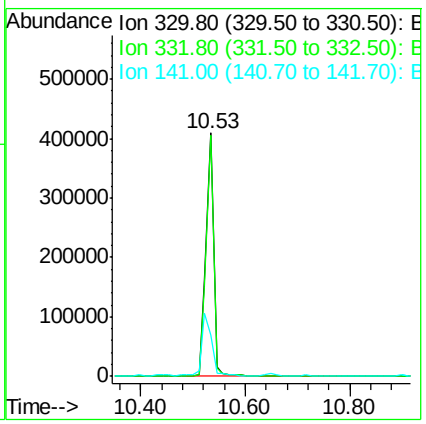


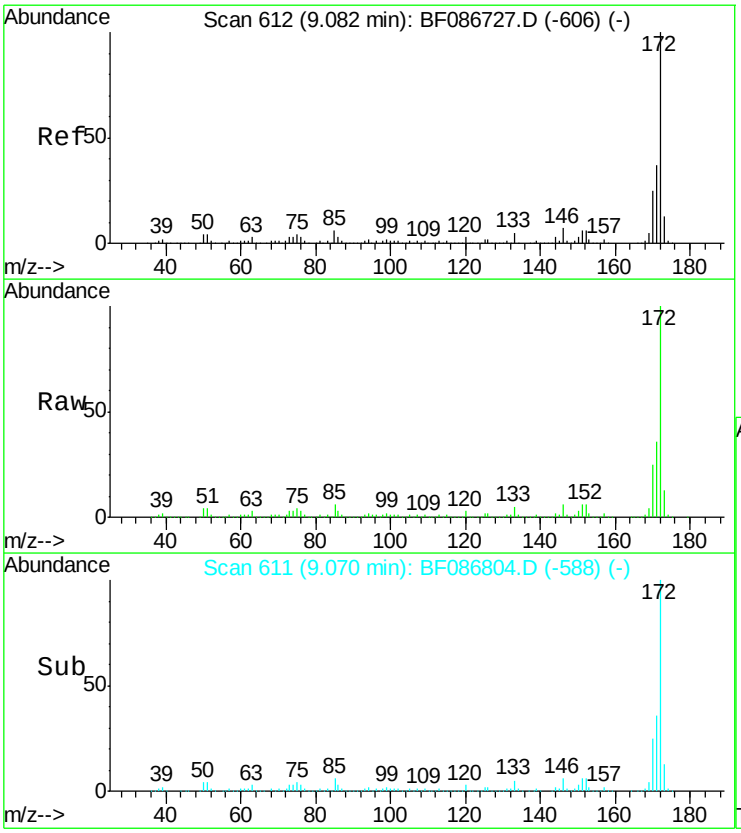
#41
2,4,6-Tribromophenol
Concen: 128.34 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:330 Resp: 423584

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	32.2	31.2	46.8

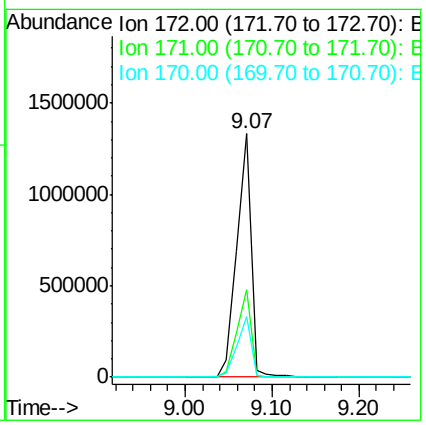


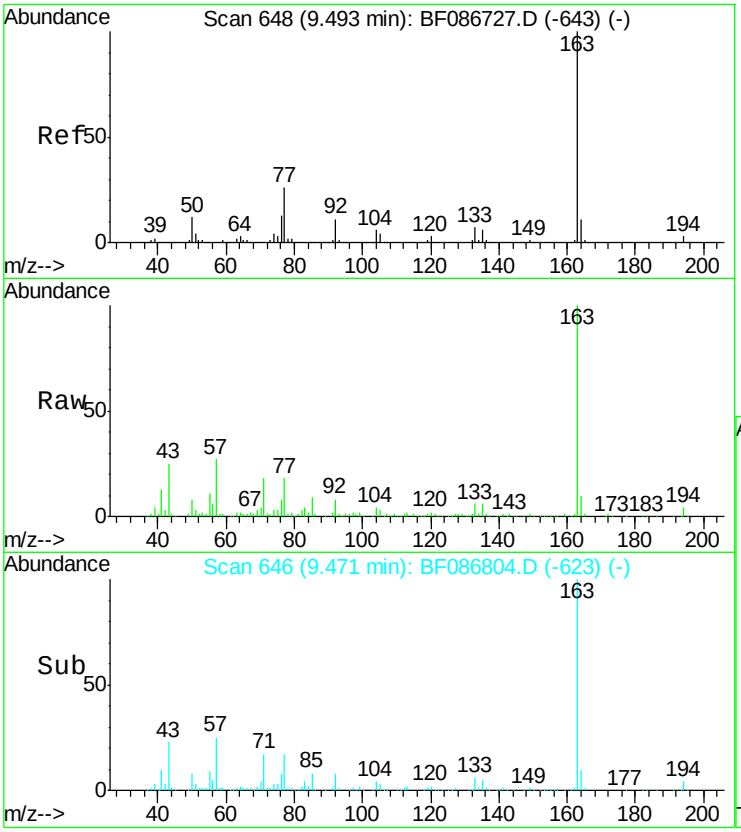


#44
2-Fluorobiphenyl
Concen: 73.39 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:172 Resp: 1510570

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.8	29.8



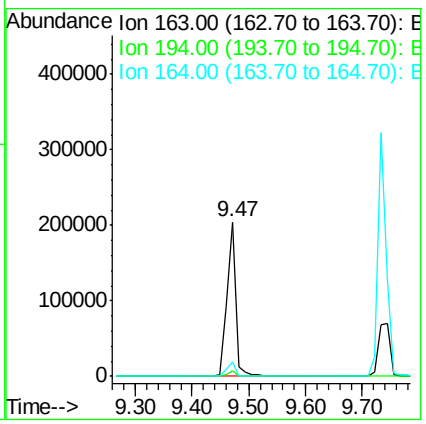


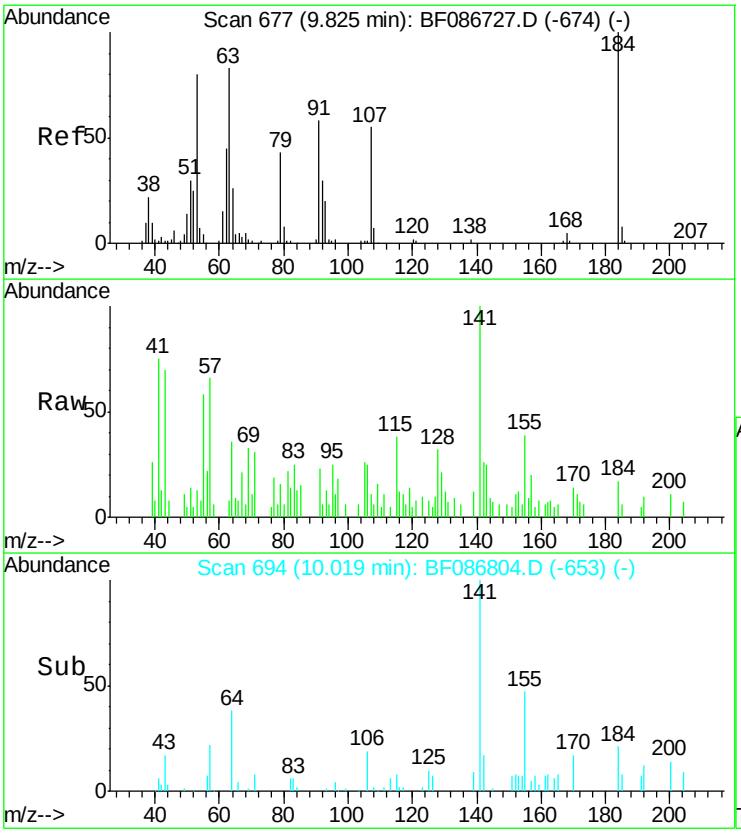
#49
Dimethylphthalate
Concen: 8.83 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:163 Resp: 222095

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.2	12.4

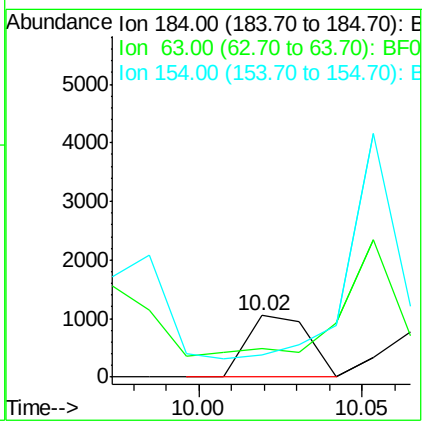


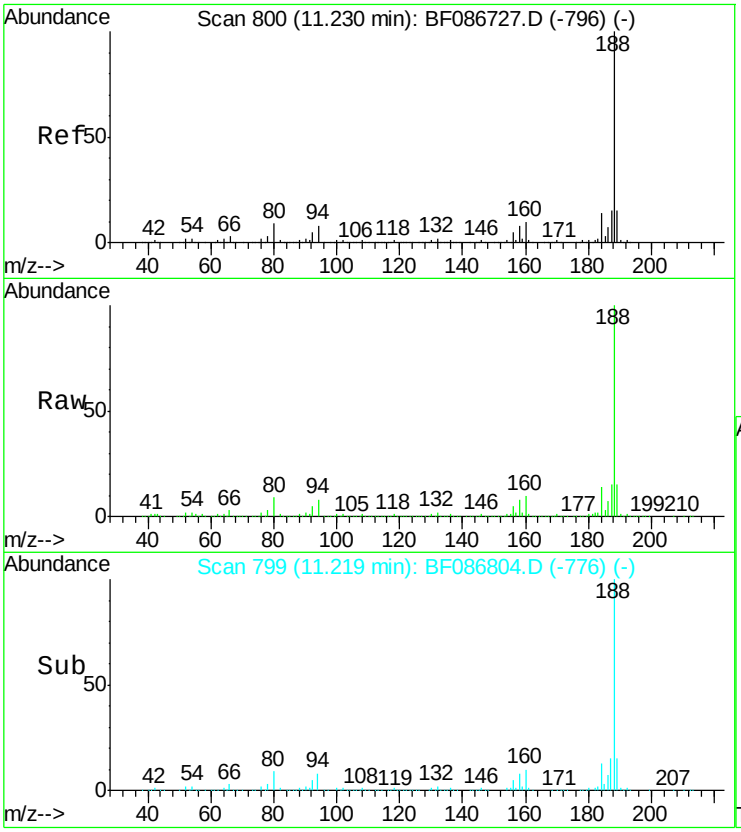


#53
2,4-Dinitrophenol
Concen: 9.84 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.17 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:184 Resp: 1359

Ion	Ratio	Lower	Upper
184	100		
63	46.4	55.8	83.8#
154	35.6	62.4	93.6#



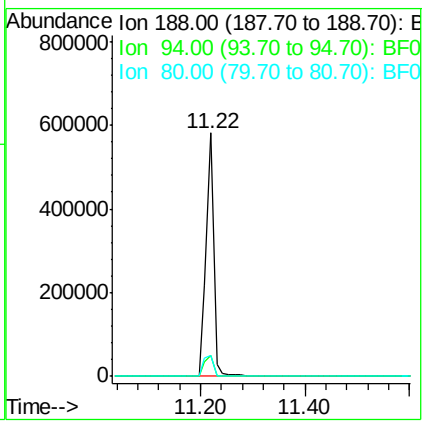


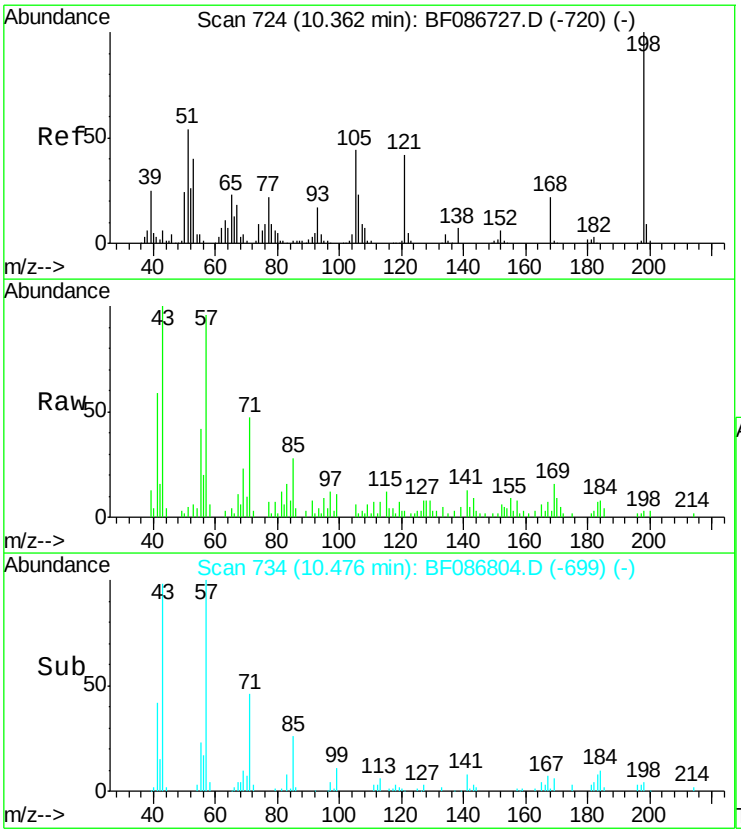
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:188 Resp: 594188

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.1	10.7

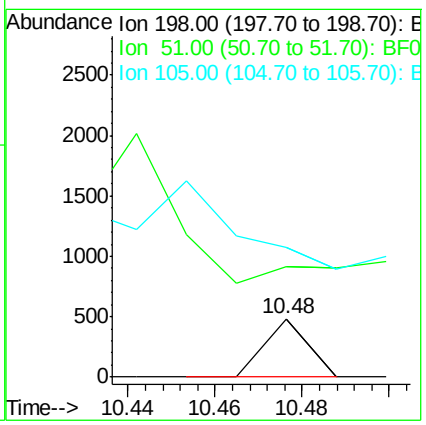


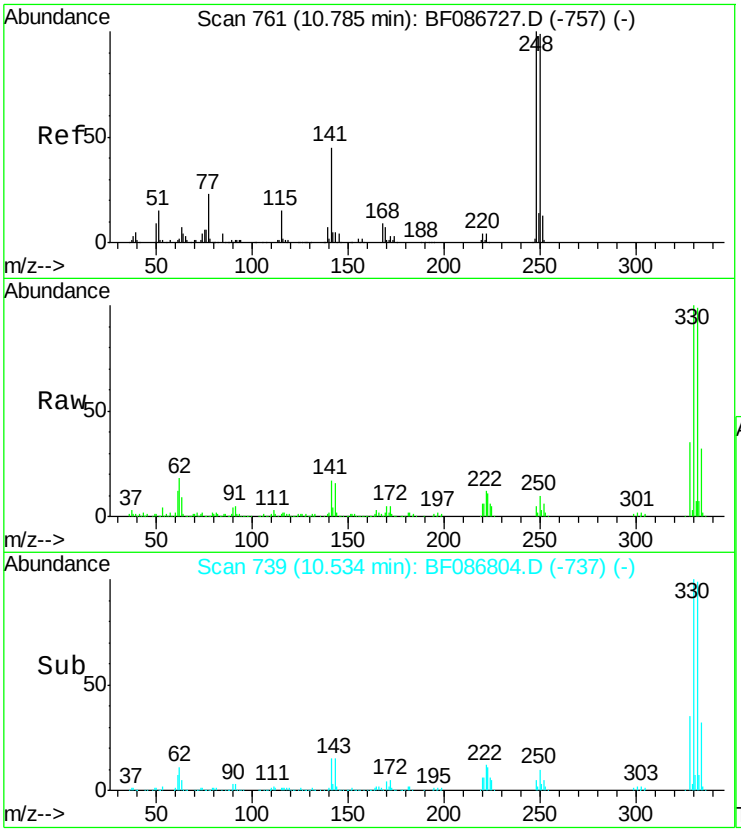


#64
4,6-Dinitro-2-methylphenol
Concen: 5.34 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.10 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:198 Resp: 330

Ion	Ratio	Lower	Upper
198	100		
51	190.0	20.5	60.5#
105	223.5	24.5	64.5#



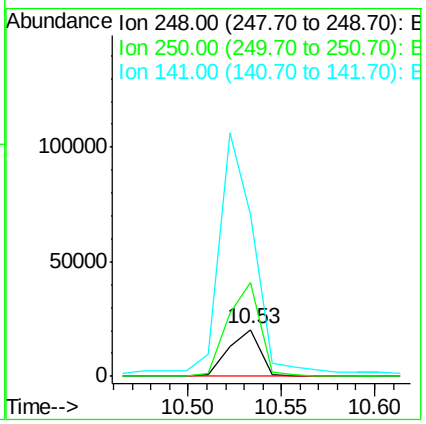


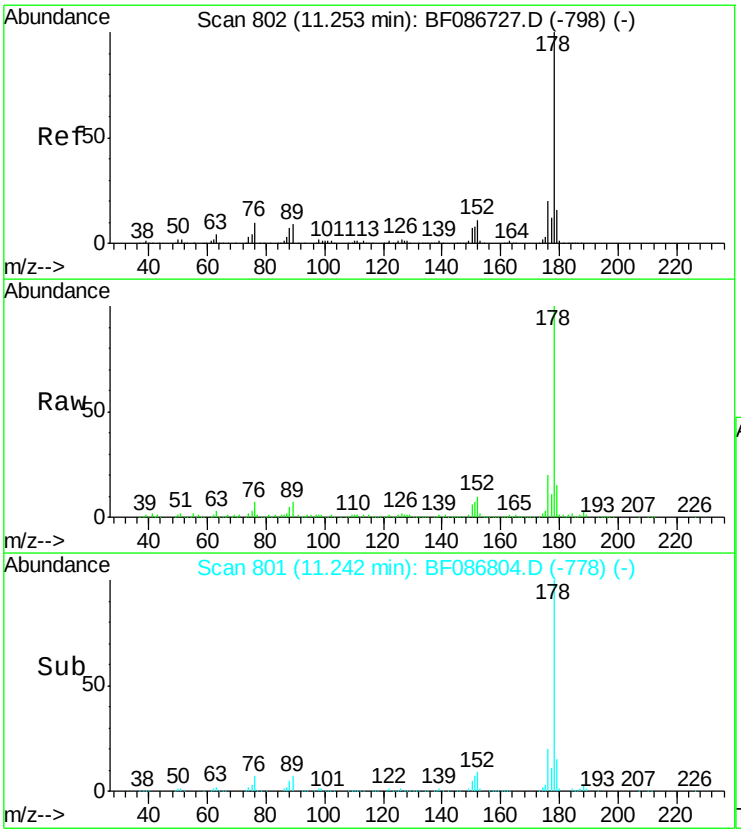
#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:248 Resp: 24149

Ion	Ratio	Lower	Upper
248	100		
250	201.1	78.6	117.8#
141	346.5	76.0	114.0#

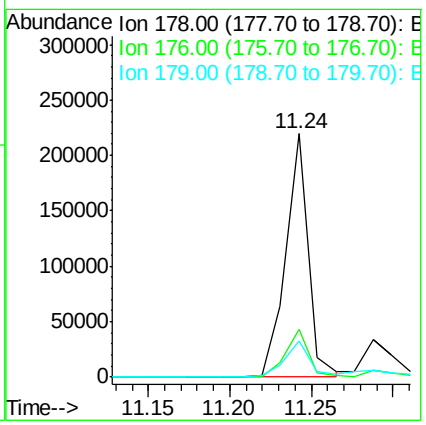


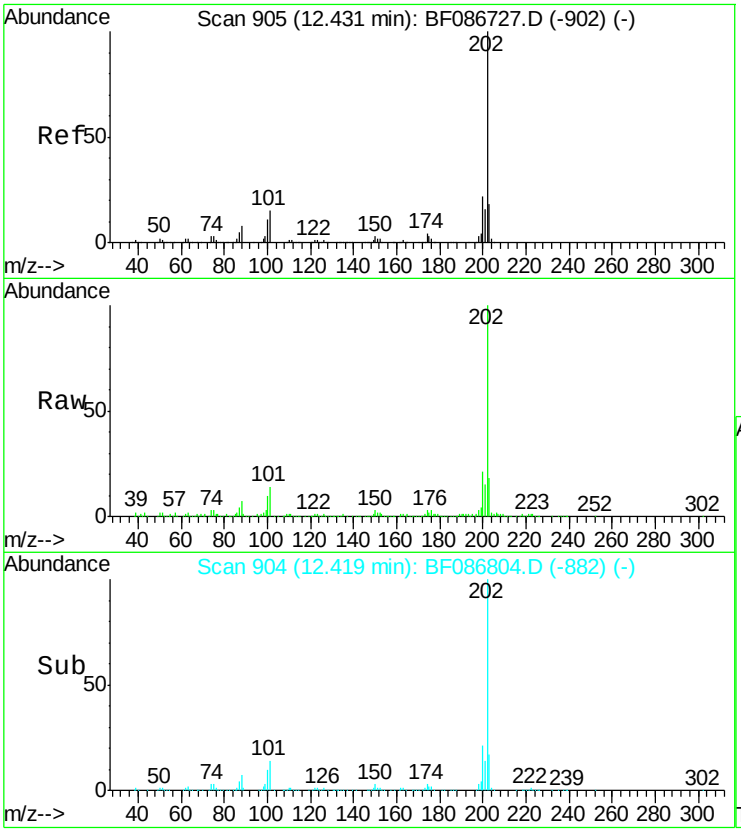


#70
Phenanthrene
Concen: 6.65 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:178 Resp: 212255

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.2	12.6	18.8



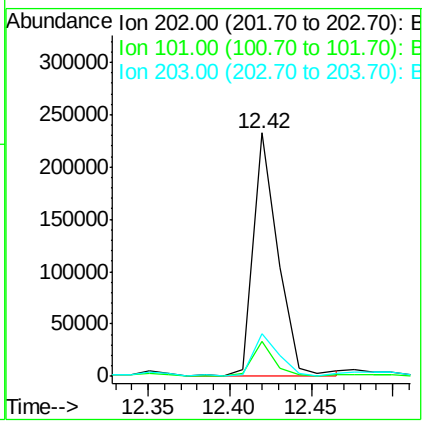


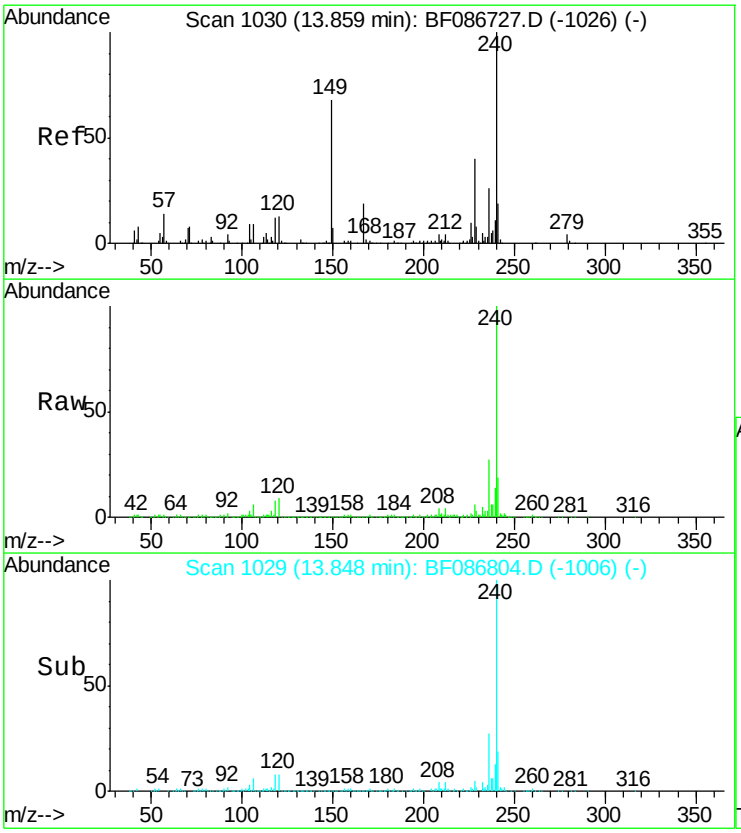
#74
Fluoranthene
Concen: 7.58 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:202 Resp: 242590

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	35.4
203	17.7	0.0	38.1

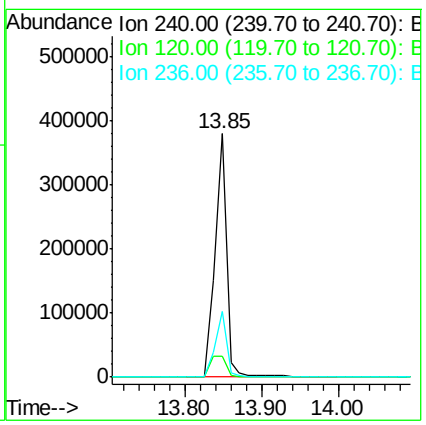


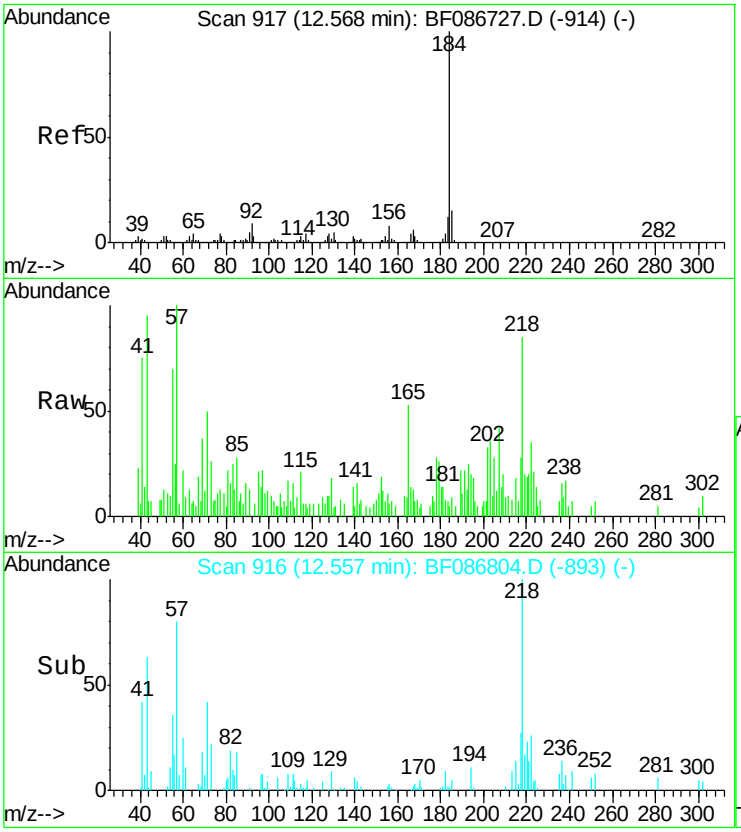


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:240 Resp: 391701

Ion	Ratio	Lower	Upper
240	100		
120	8.6	11.2	16.8#
236	27.1	21.2	31.8



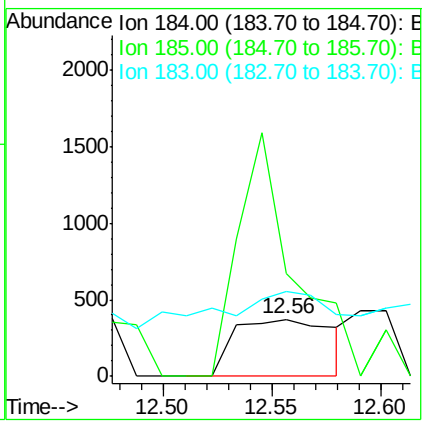


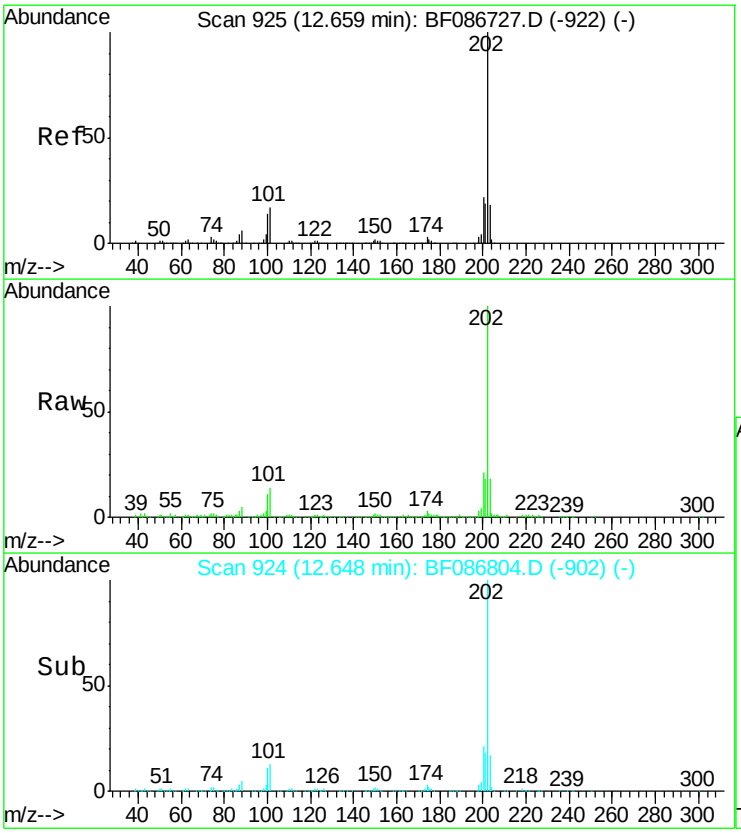
#76
Benzidine
Concen: 7.19 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:184 Resp: 1163

Ion	Ratio	Lower	Upper
184	100		
185	181.1	13.6	20.4#
183	149.9	9.8	14.6#

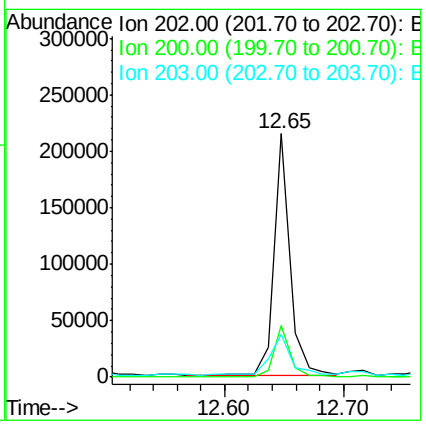


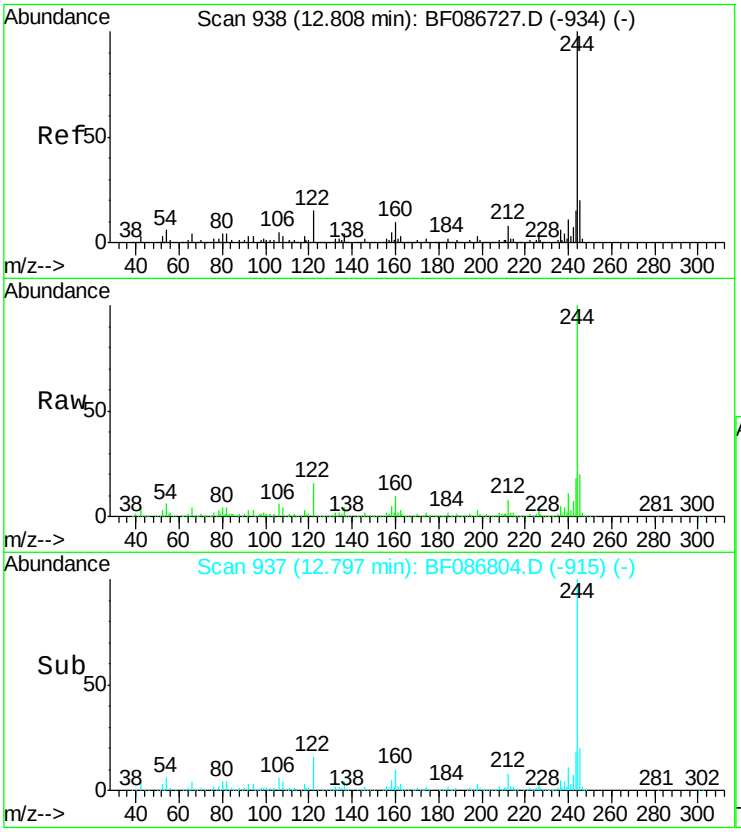


#77
Pyrene
Concen: 6.49 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:202 Resp: 202659

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.7	14.2	21.4



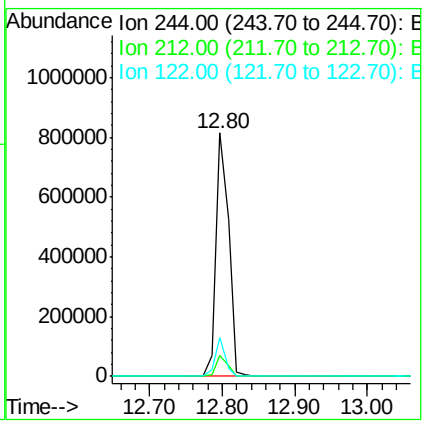


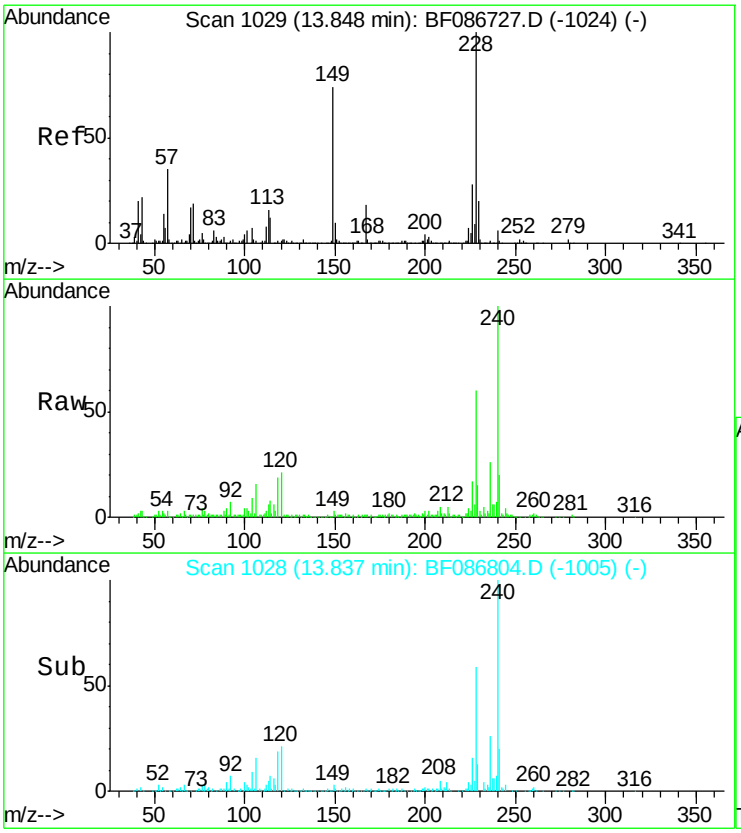
#78
Terphenyl-d14
Concen: 51.29 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:244 Resp: 994043

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	16.0	12.0	18.0

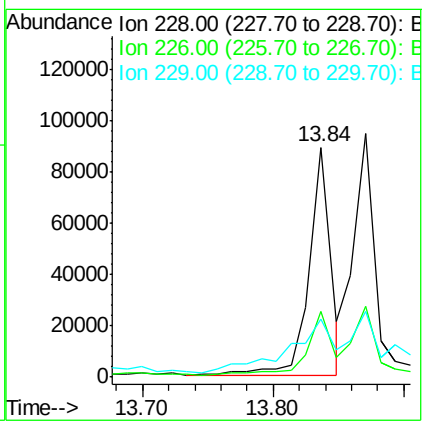


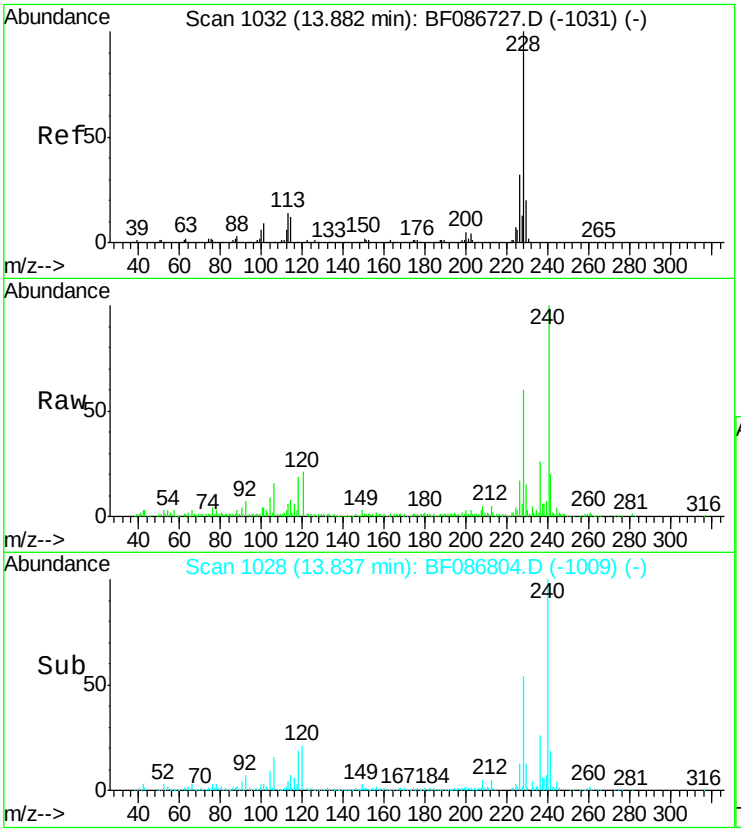


#80
Benzo(a)anthracene
Concen: 4.57 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:228 Resp: 101204

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	25.0	16.6	25.0#



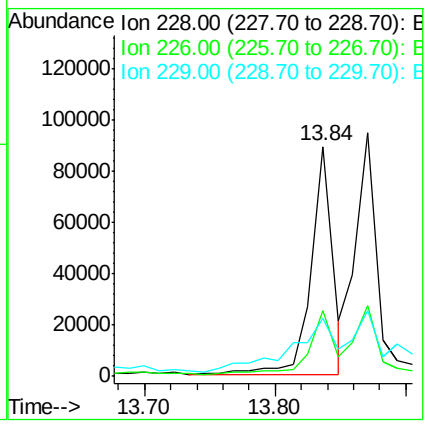


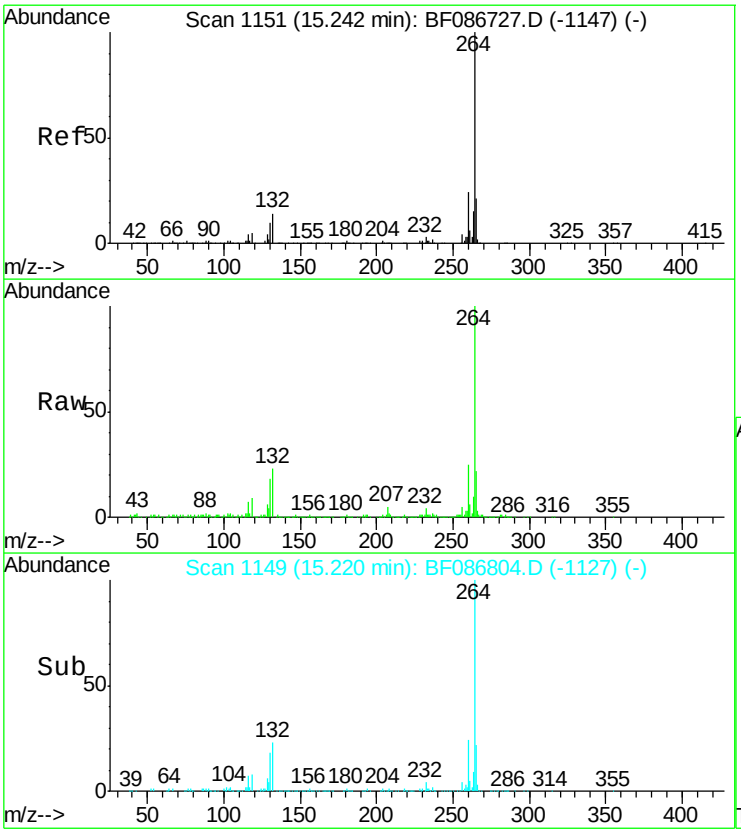
#82
Chrysene
Concen: 4.28 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.08 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:228 Resp: 101204

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.4	36.6
229	25.0	15.8	23.8#

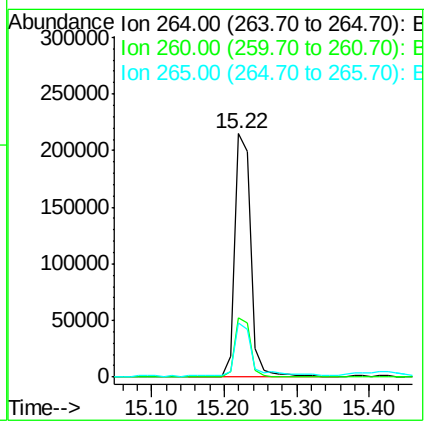


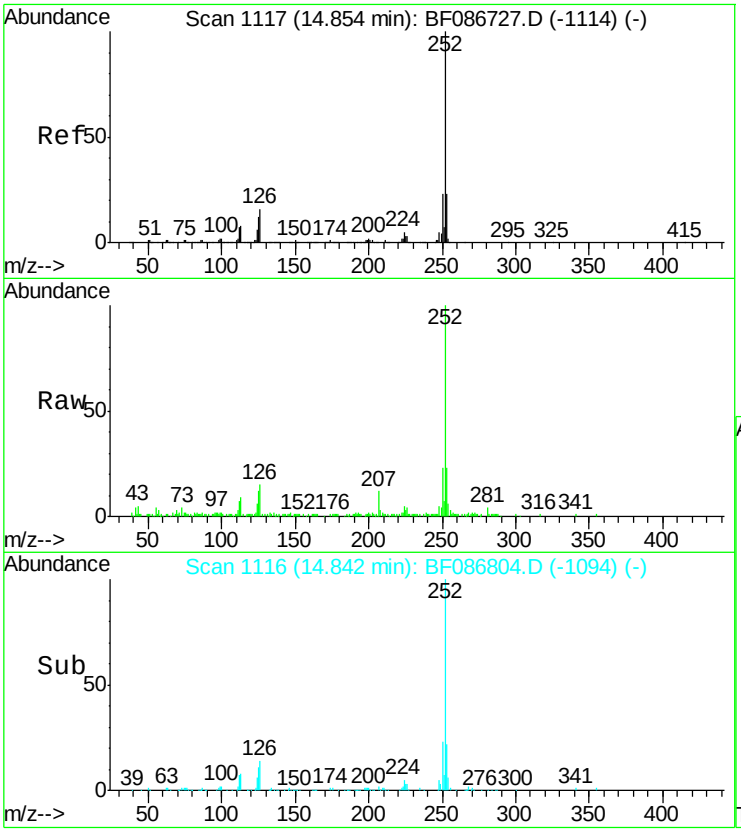


#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:264 Resp: 331387

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.4	17.3	25.9



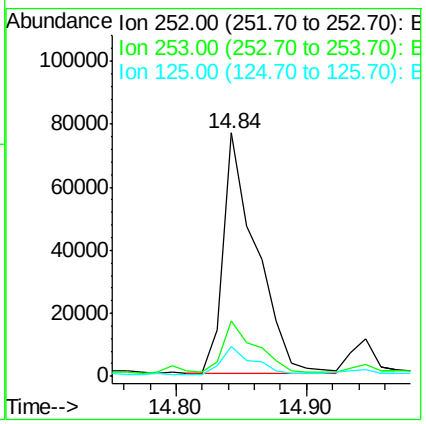


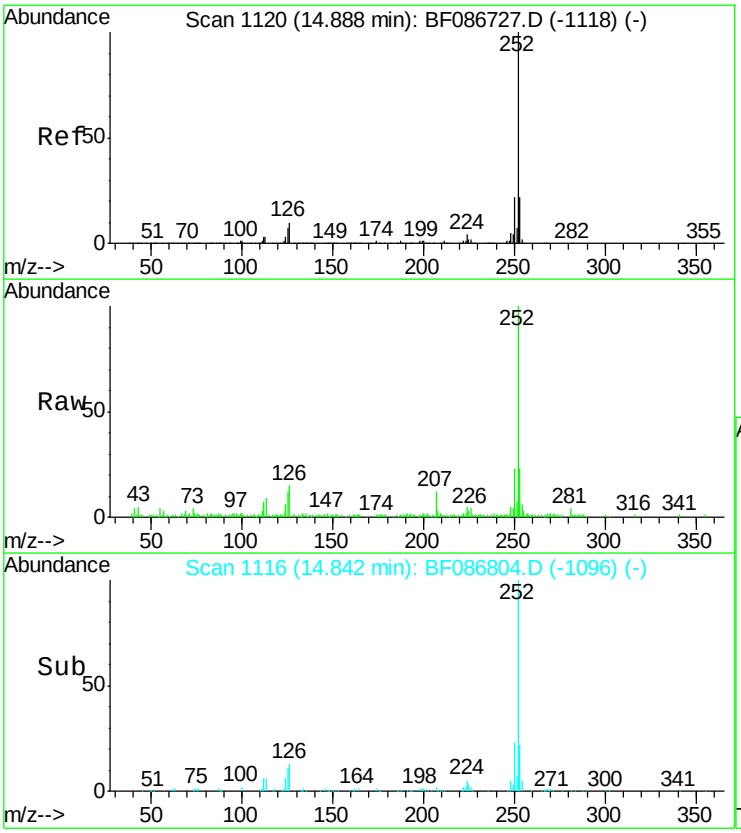
#87
Benzo(b)fluoranthene
Concen: 6.77 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:252 Resp: 134712

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.2	11.4	17.0

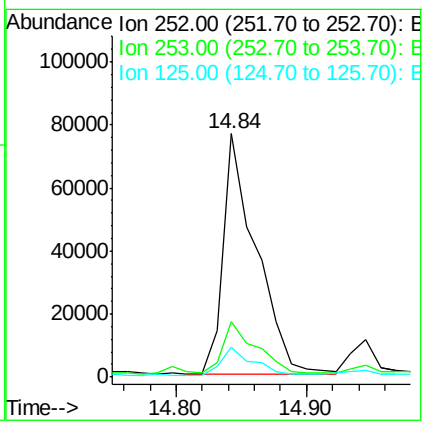


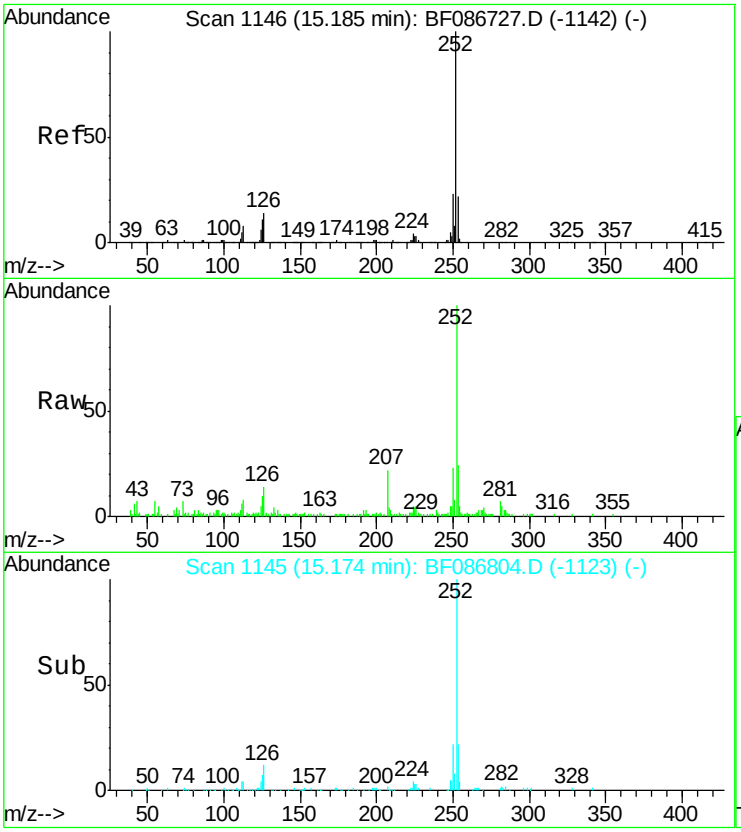


#88
Benzo(k)fluoranthene
Concen: 7.18 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.07 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Tgt Ion:252 Resp: 134712

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.2	9.1	13.7





#89
Benzo(a)pyrene
Concen: 3.42 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF086804.D
Acq: 8 May 2016 5:44

Instrument :
BNA_F
ClientSampleId :
SS2

Tgt Ion:252 Resp: 62815

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	9.9	9.0	13.6