Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086013.D
Acq On : 2 Apr 2016 15:56
Operator : UM/SJ
Sample : H2055-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-15(0-4)

Quant Time: Apr 04 01:05:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114248	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	435351	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	197706	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	370954	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	262493	20.00	ng		0.00
86) Perylene-d12	15.33	264	230780	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	709408	106.14	ng		0.00
7) Phenol-d6	6.42	99	1019097	120.04	ng		0.00
23) Nitrobenzene-d5	7.34	82	607496	82.29	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	244833	131.94	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	854042	71.82	ng		0.00
78) Terphenyl-d14	12.88	244	730197	65.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	17556	3.84	ng		86
19) n-Nitroso-di-n-propylamine	7.34	70	78786	14.97	ng	#	73
25) Isophorone	7.34	82	605520	41.55	ng	#	68
49) Dimethylphthalate	9.53	163	145080	9.90	ng		99
56) 2,4-Dinitrotoluene	9.80	165	25470	6.50	ng	#	35
66) 4-Bromophenyl-phenylether	10.60	248	16060	4.24	ng	#	1
74) Fluoranthene	12.50	202	85461	4.06	ng		96
77) Pyrene	12.73	202	77483	4.19	ng		99
80) Benzo(a)anthracene	13.92	228	39457	2.55	ng		98
87) Benzo(b)fluoranthene	14.93	252	53809	3.71	ng	#	94
88) Benzo(k)fluoranthene	14.93	252	53809	4.19	ng	#	92
89) Benzo(a)pyrene	15.28	252	28692	2.23	ng		98

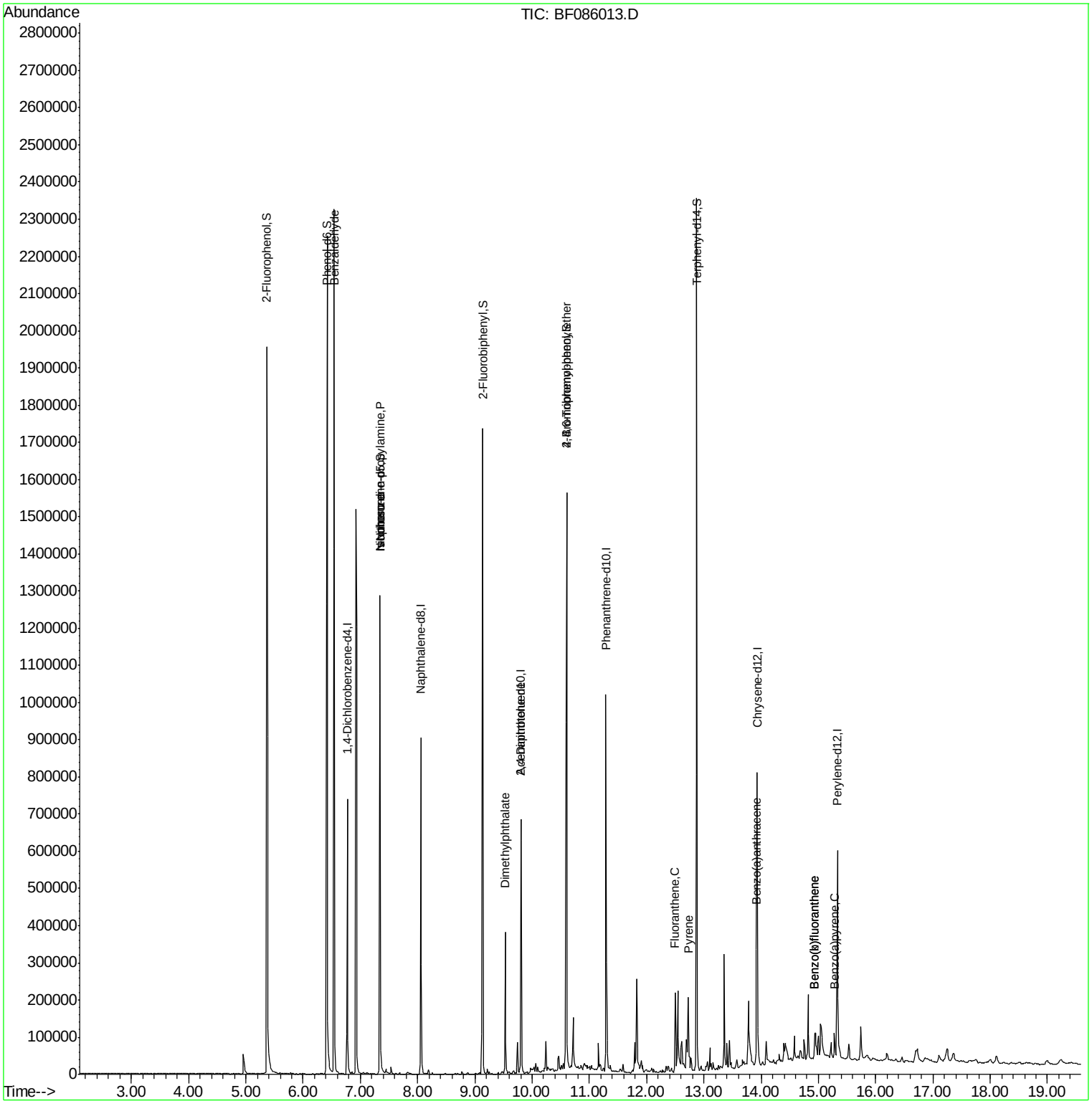
(#) = qualifier out of range (m) = manual integration (+) = signals summed

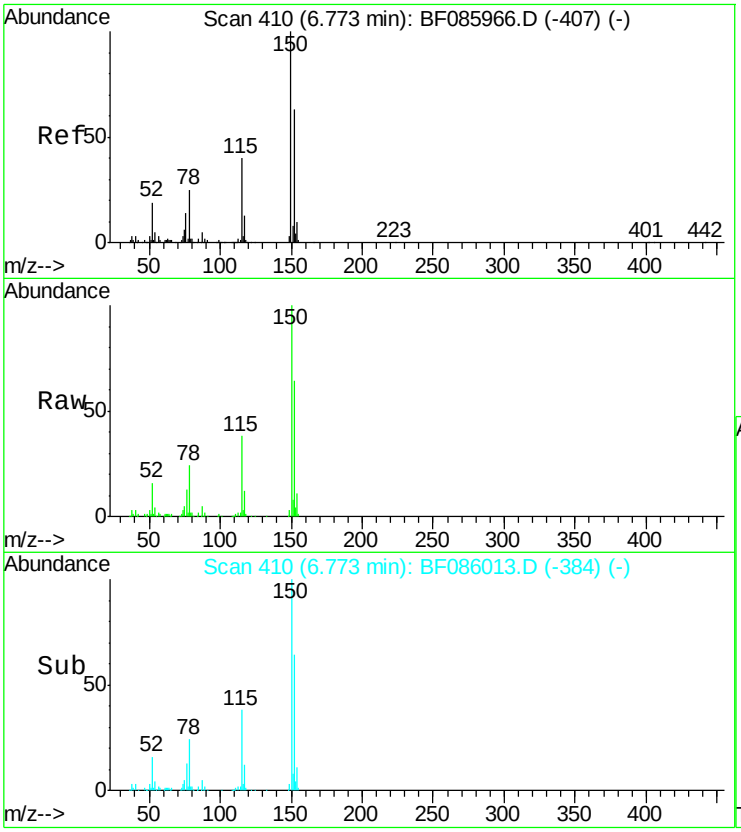
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086013.D
Acq On : 2 Apr 2016 15:56
Operator : UM/SJ
Sample : H2055-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Quant Time: Apr 04 01:05:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



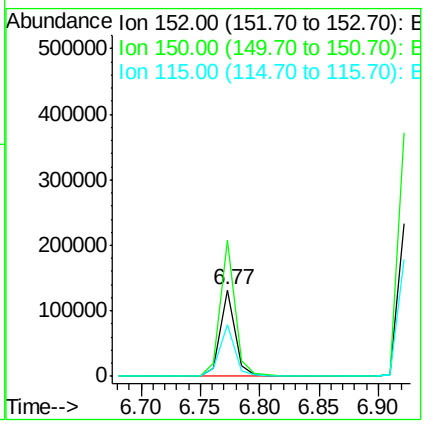


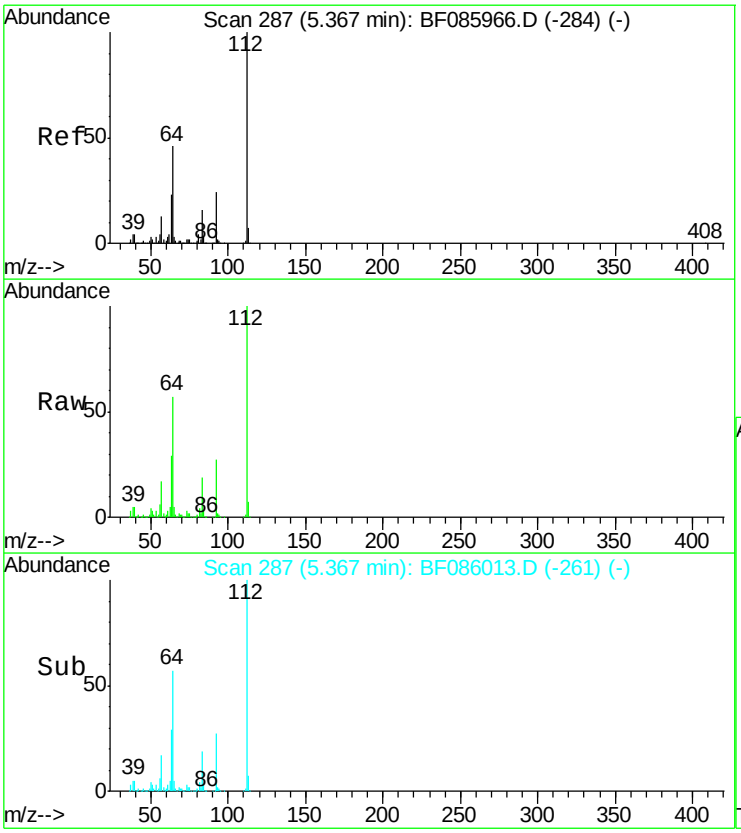
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:152 Resp: 114248

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	59.8	47.0	70.6

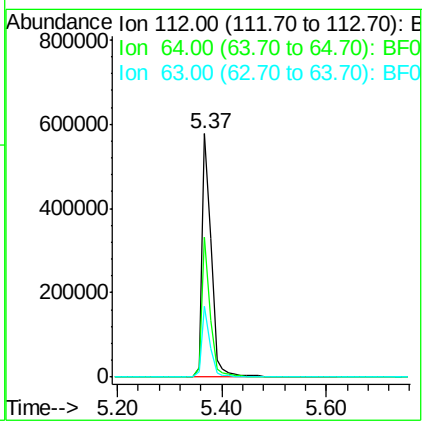


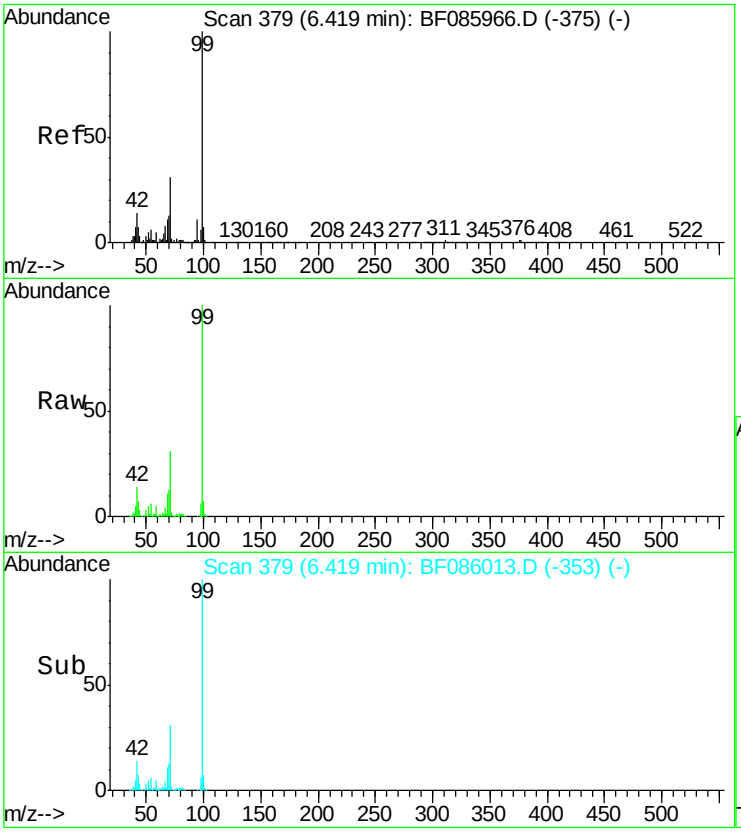


#5
2-Fluorophenol
Concen: 106.14 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:112 Resp: 709408

Ion	Ratio	Lower	Upper
112	100		
64	57.4	39.9	59.9
63	29.3	20.2	30.2



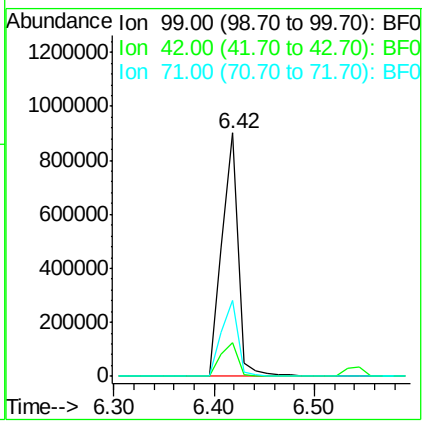


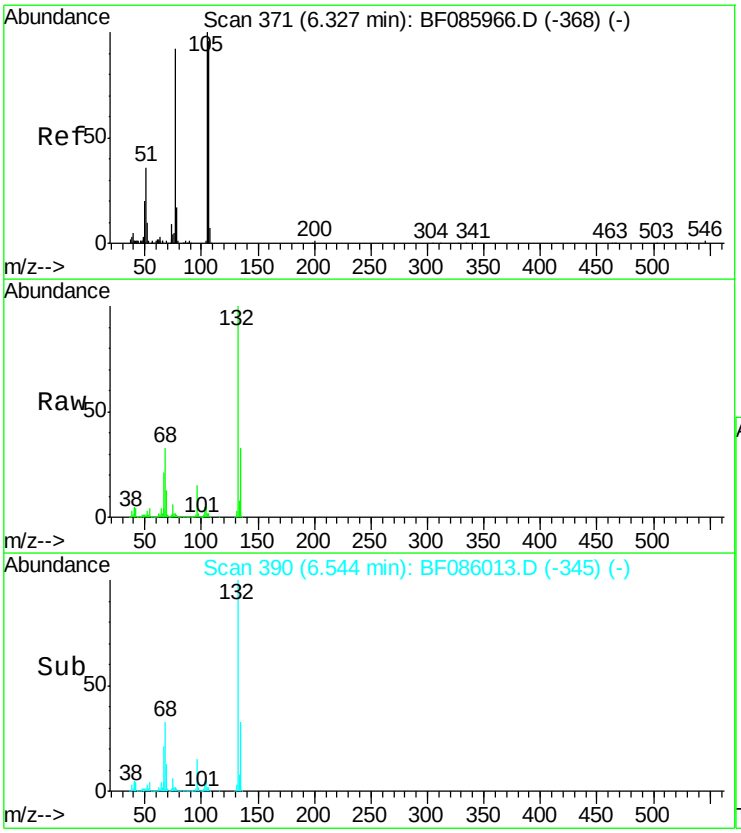
#7
Phenol-d6
Concen: 120.04 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion: 99 Resp: 1019097

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.1	16.7
71	31.4	24.9	37.3

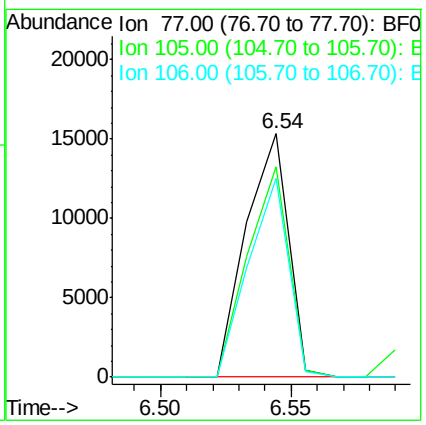


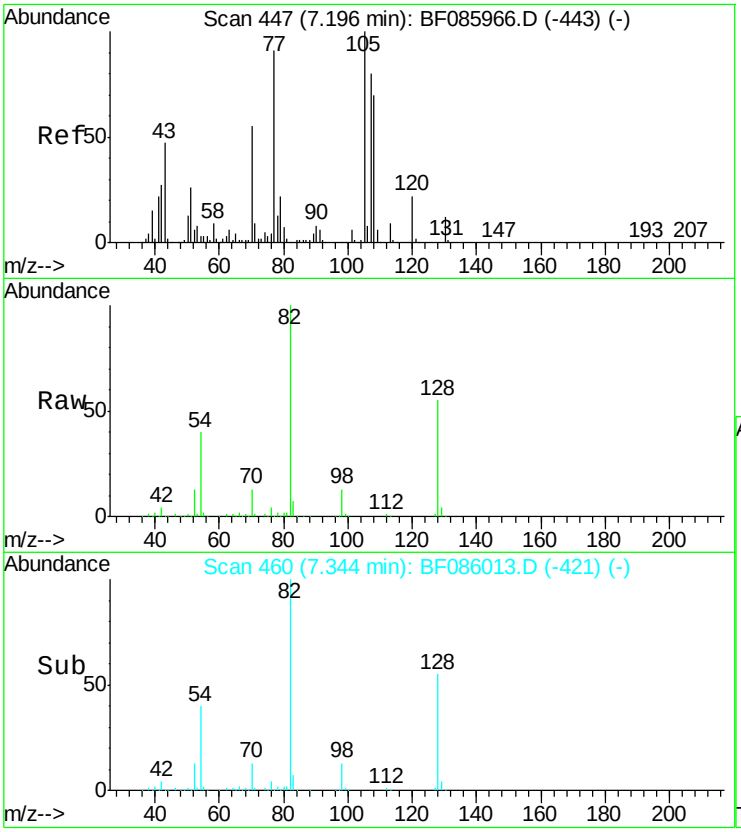


#9
Benzaldehyde
Concen: 3.84 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion: 77 Resp: 17556

Ion	Ratio	Lower	Upper
77	100		
105	86.4	80.1	120.1
106	81.6	75.0	115.0



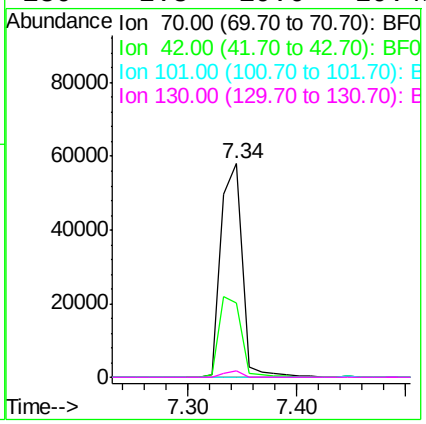


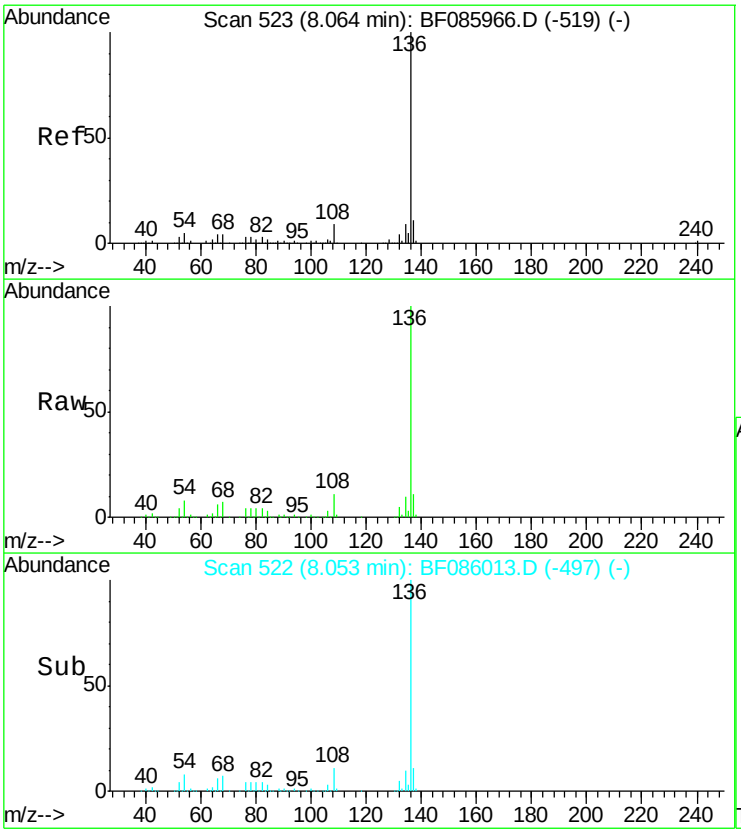
#19
n-Nitroso-di-n-propylamine
Concen: 14.97 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion: 70 Resp: 78786

Ion	Ratio	Lower	Upper
70	100		
42	34.7	37.1	55.7#
101	0.0	8.6	12.8#
130	2.8	19.6	29.4#

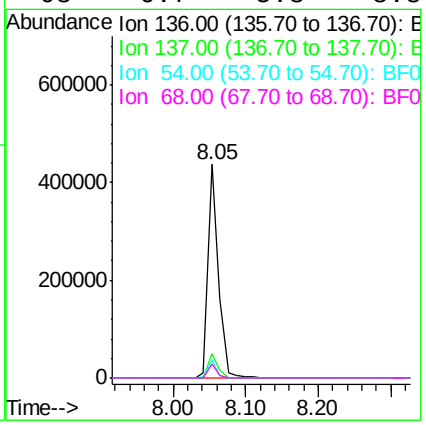


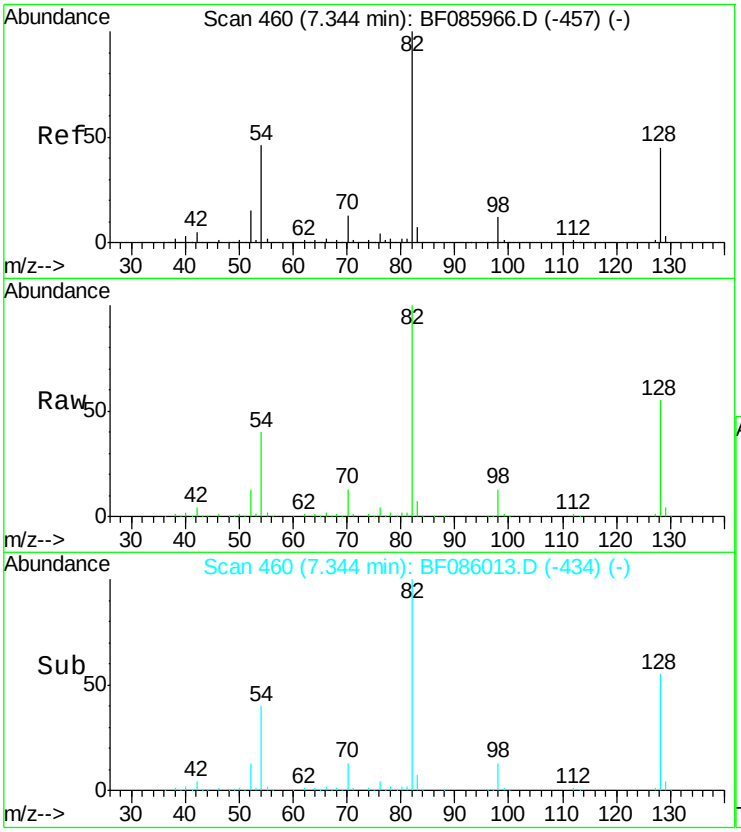


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:136 Resp: 435351

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	7.4	11.0
68	6.7	5.8	8.8



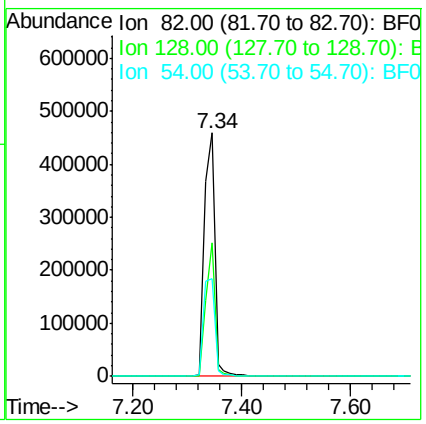


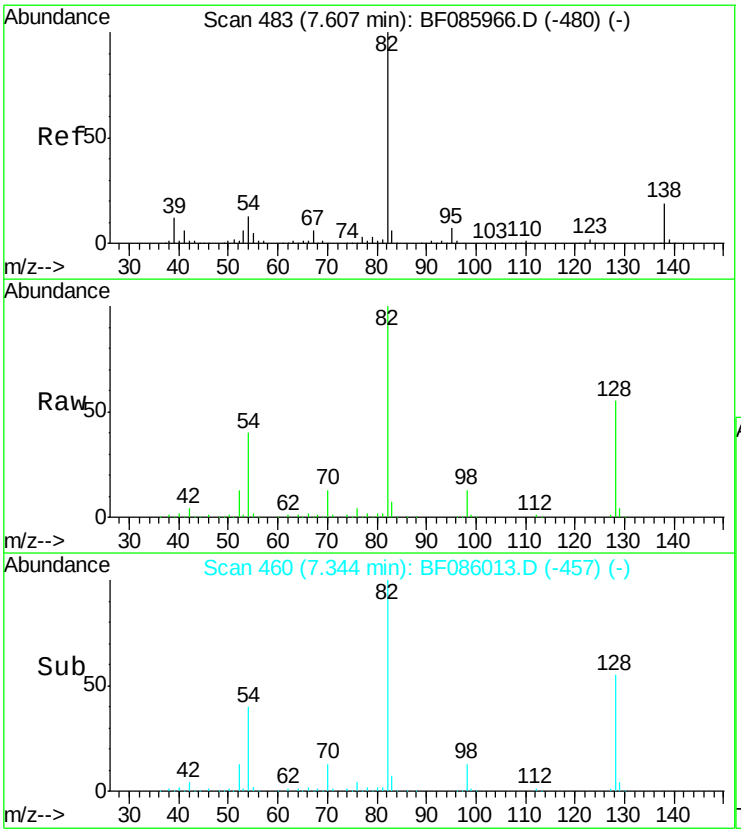
#23
Nitrobenzene-d5
Concen: 82.29 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion: 82 Resp: 607496

Ion	Ratio	Lower	Upper
82	100		
128	54.8	41.8	62.8
54	40.0	33.4	50.0

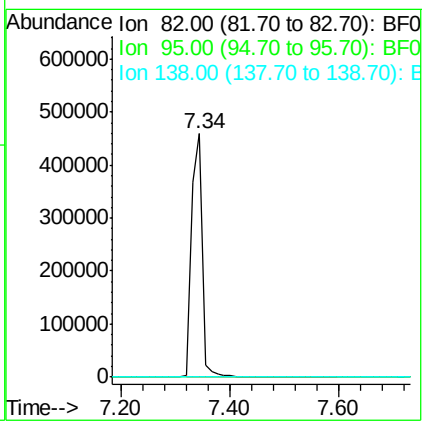


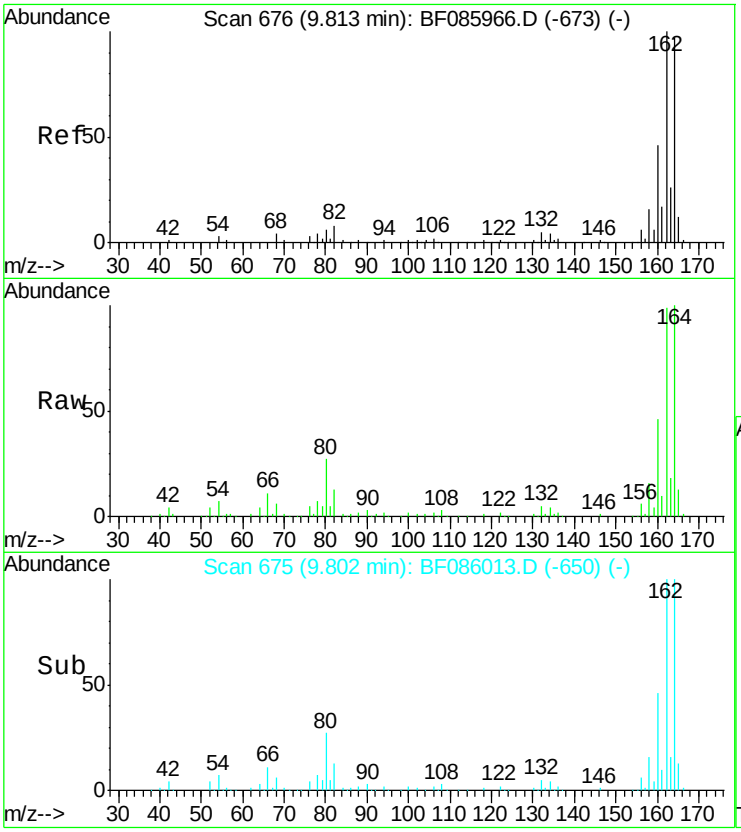


#25
Isophorone
Concen: 41.55 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion: 82 Resp: 605520

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



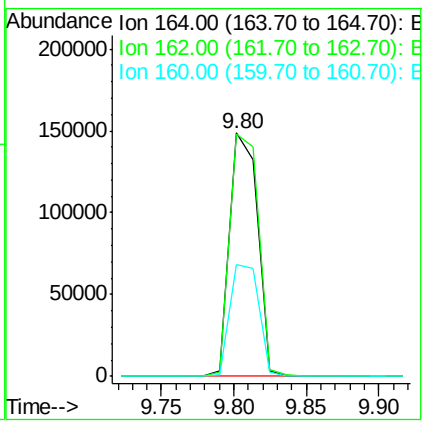


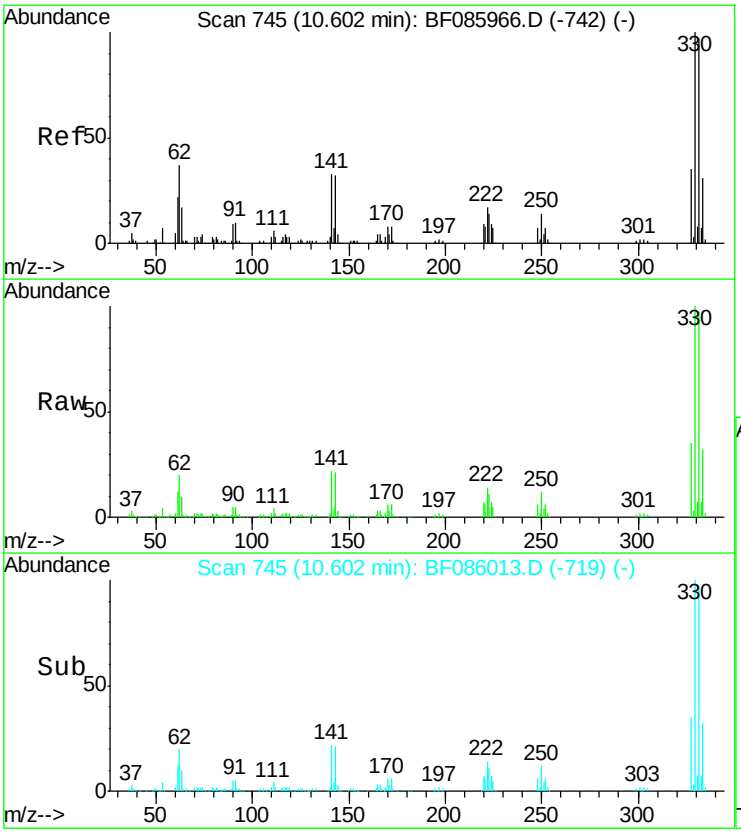
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:164 Resp: 197706

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.1	123.1
160	45.8	37.4	56.2

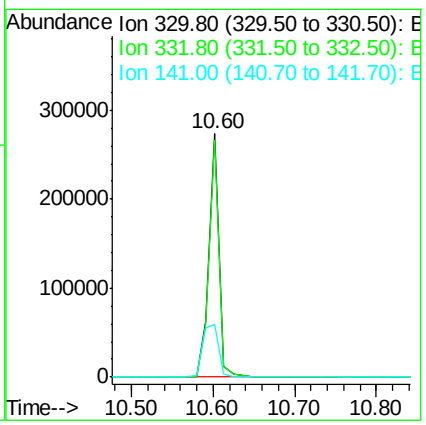


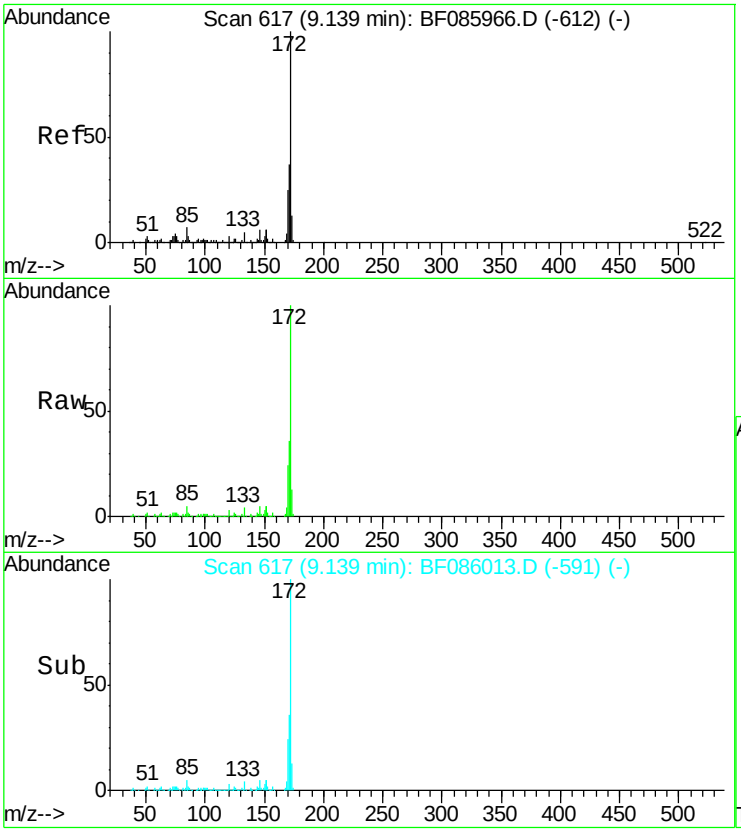


#41
2,4,6-Tribromophenol
Concen: 131.94 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:330 Resp: 244833

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	34.2	31.5	47.3



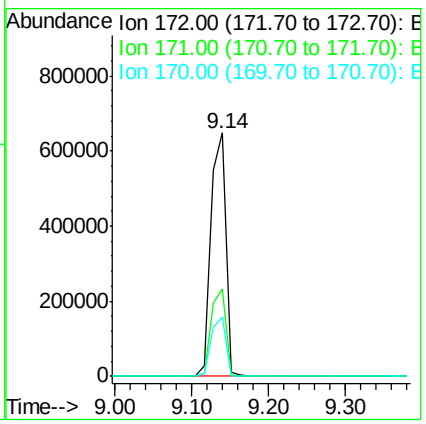


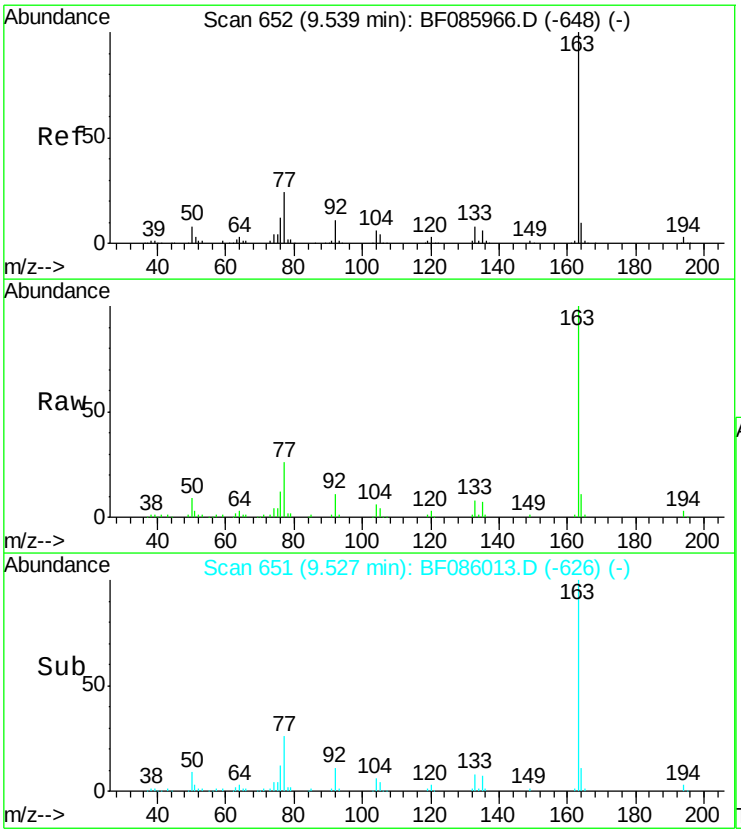
#44
2-Fluorobiphenyl
Concen: 71.82 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:172 Resp: 854042

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	24.2	19.8	29.6

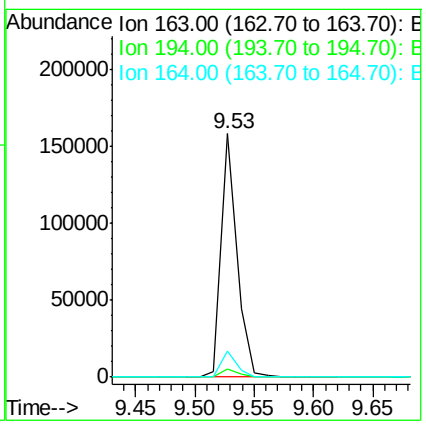


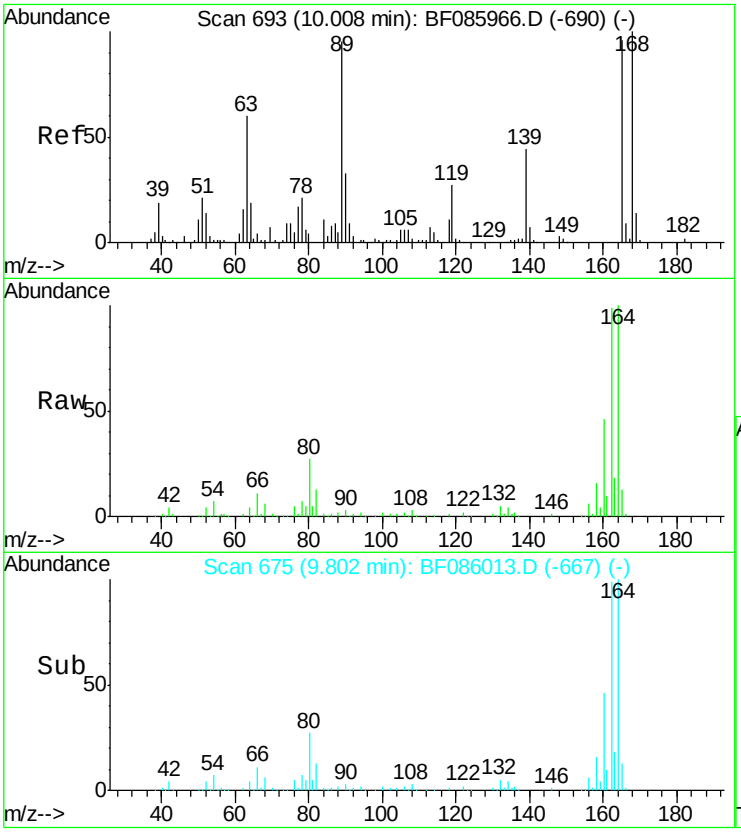


#49
Dimethylphthalate
Concen: 9.90 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:163 Resp: 145080

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.8	8.3	12.5



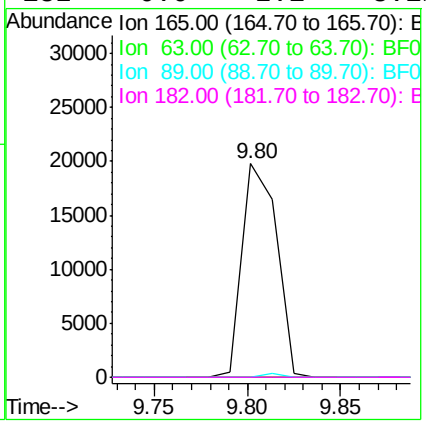


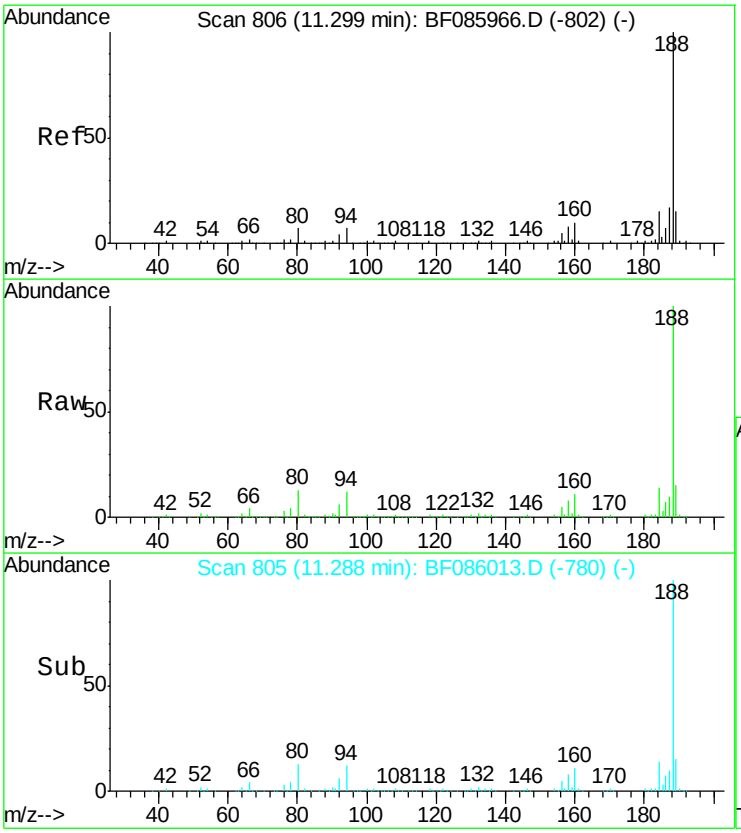
#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:165 Resp: 25470

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#

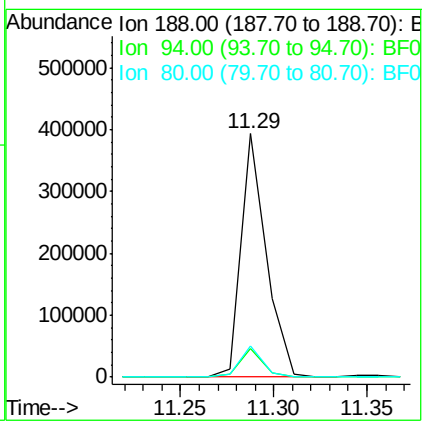


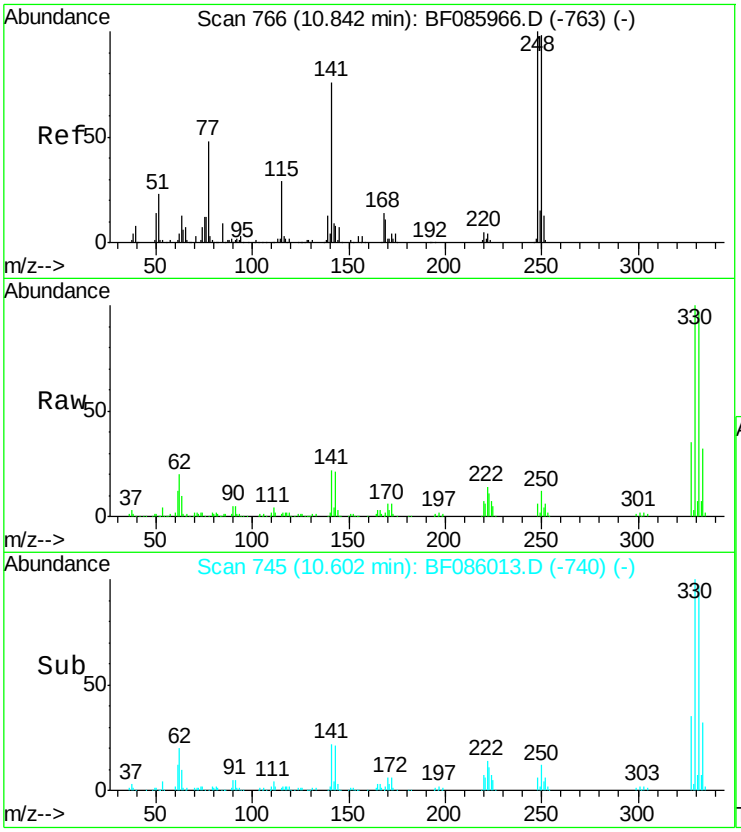


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:188 Resp: 370954

Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.4	8.0#
80	12.7	5.5	8.3#



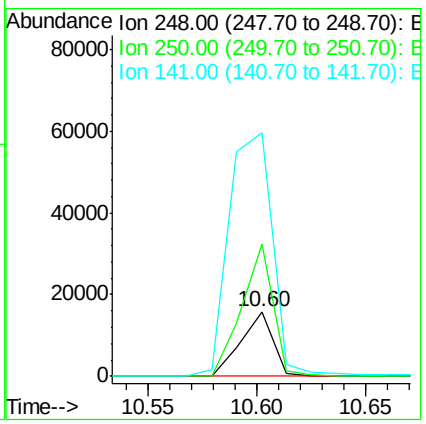


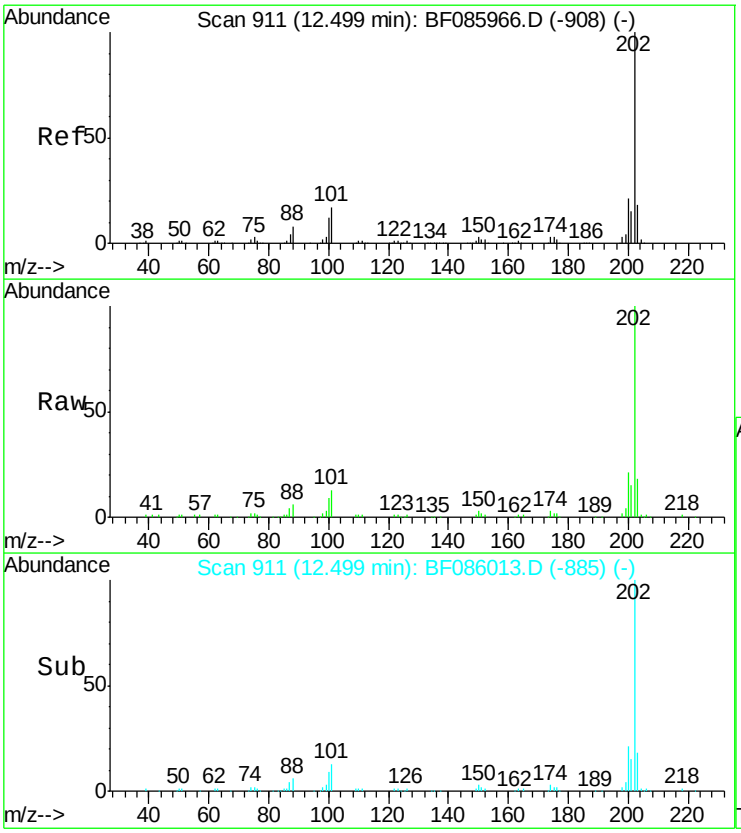
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:248 Resp: 16060

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.4	116.0#
141	376.8	63.6	95.4#

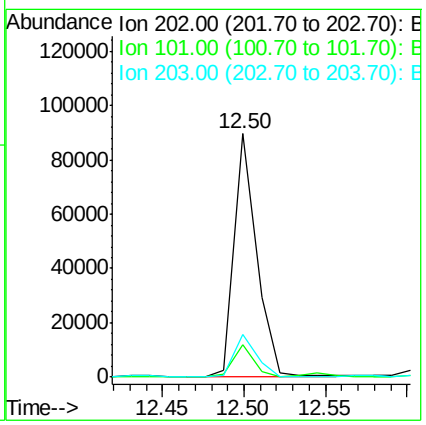


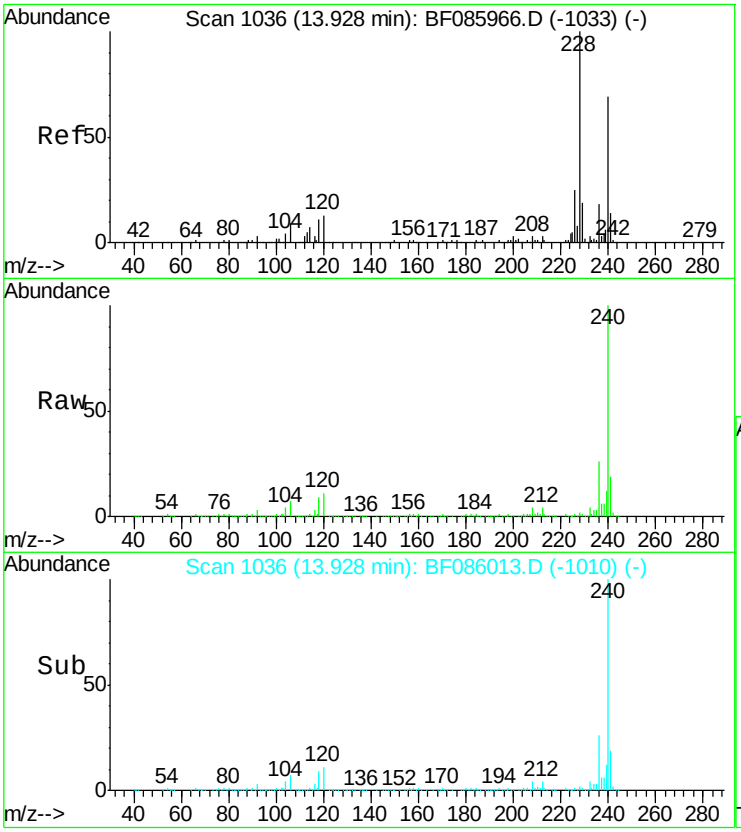


#74
Fluoranthene
Concen: 4.06 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:202 Resp: 85461

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	36.6
203	17.6	0.0	38.1



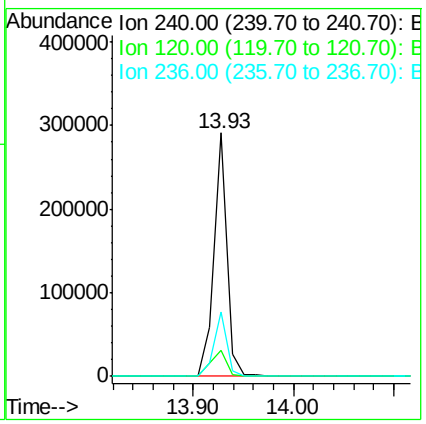


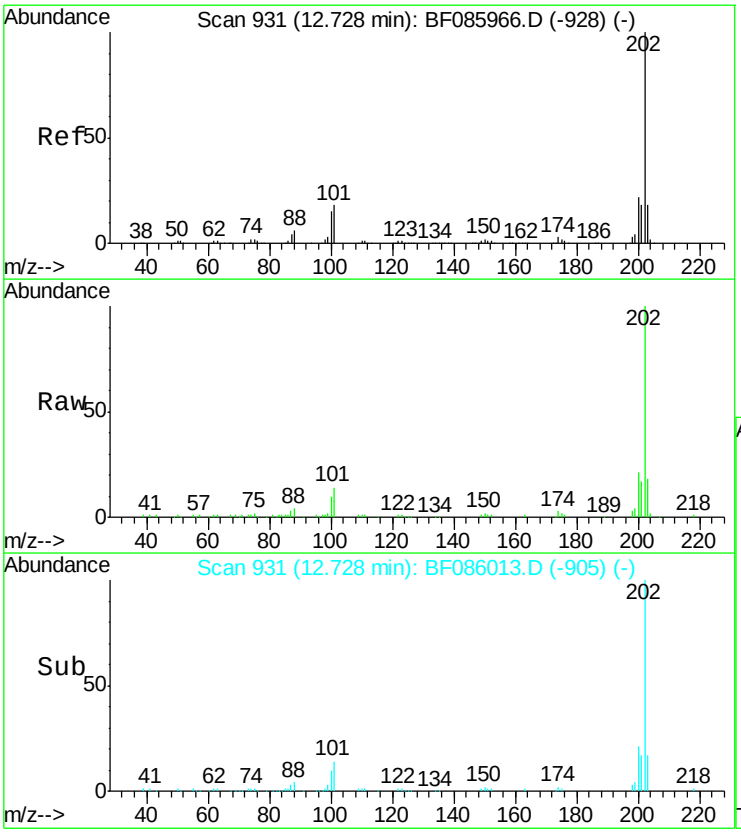
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:240 Resp: 262493

Ion	Ratio	Lower	Upper
240	100		
120	10.8	13.8	20.8#
236	26.3	20.6	30.8

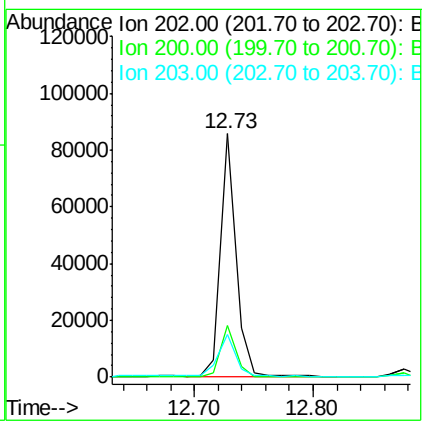


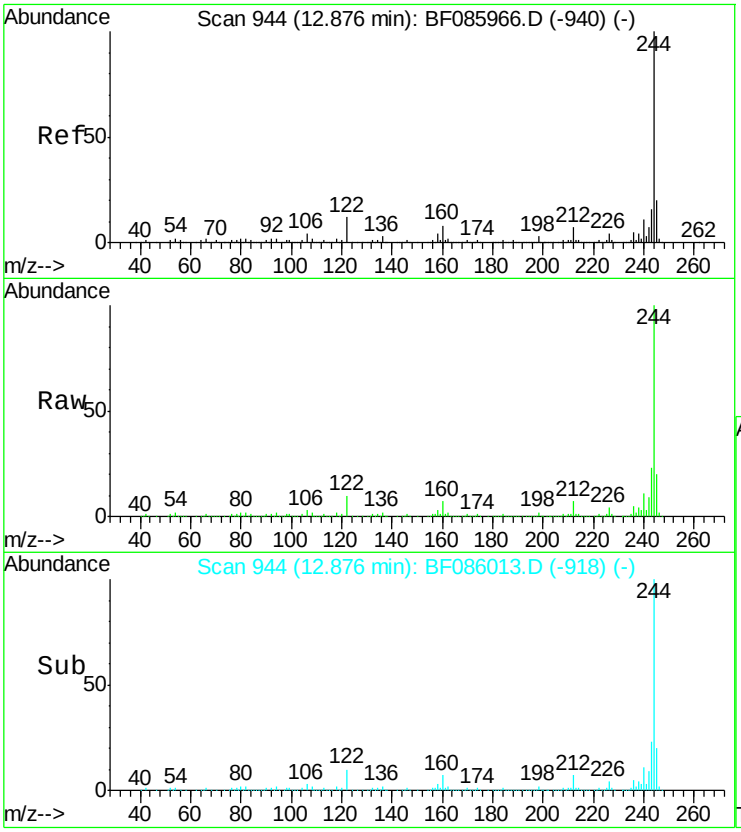


#77
Pyrene
Concen: 4.19 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:202 Resp: 77483

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.6	14.0	21.0



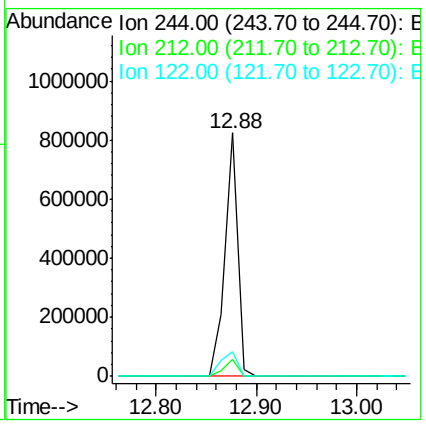


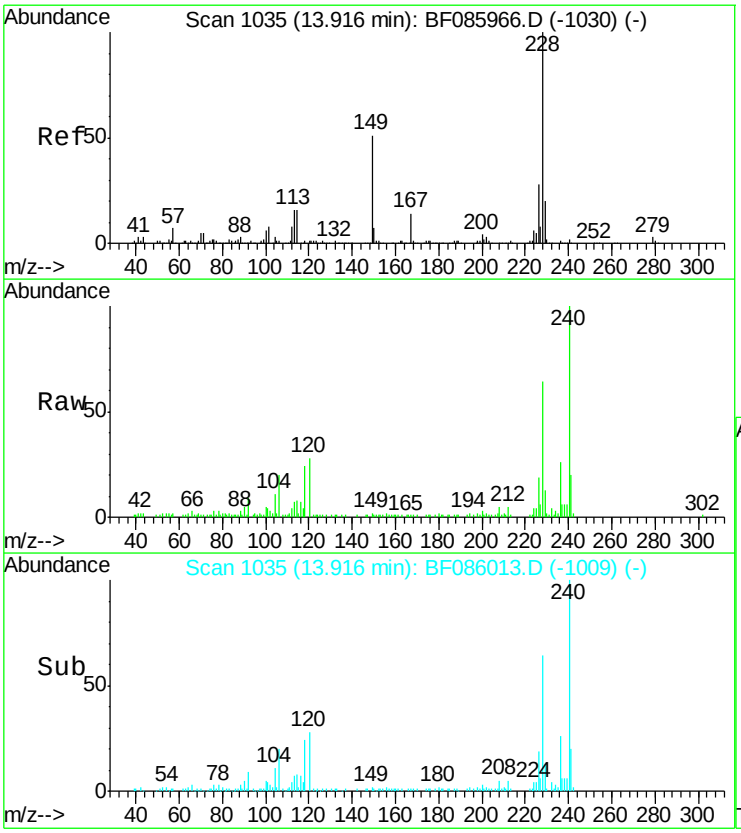
#78
Terphenyl-d14
Concen: 65.39 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:244 Resp: 730197

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.1	10.2	15.4#

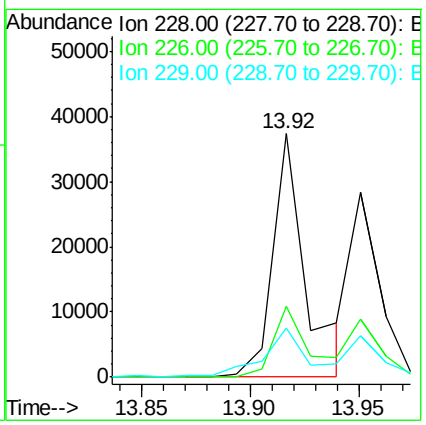


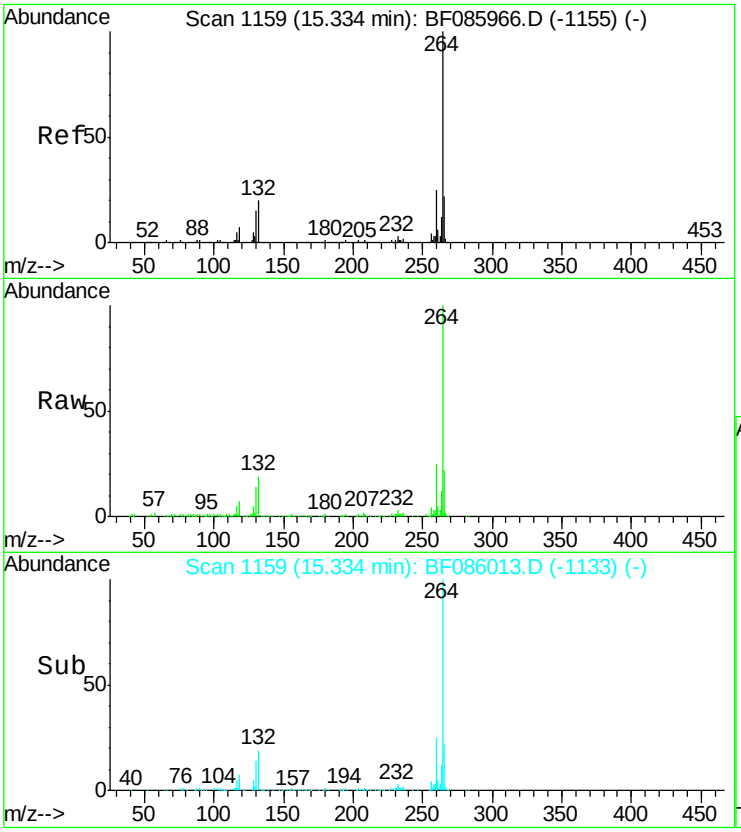


#80
Benzo(a)anthracene
Concen: 2.55 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:228 Resp: 39457

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.1	33.1
229	19.9	16.2	24.4



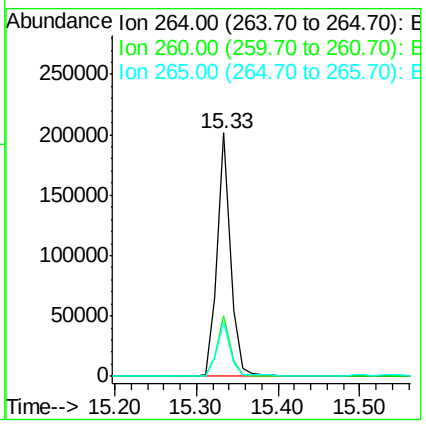


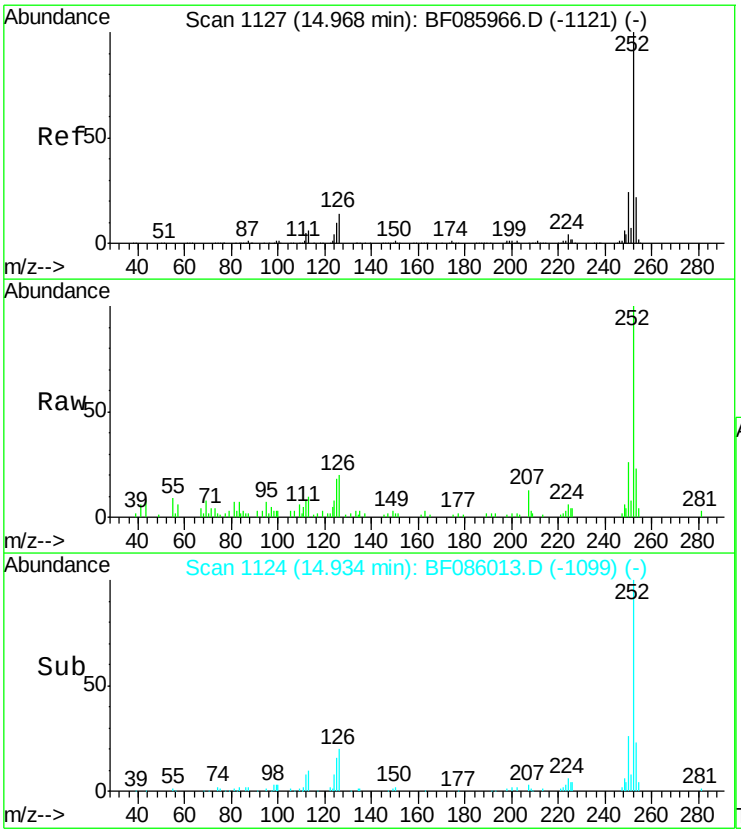
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:264 Resp: 230780

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.1	17.2	25.8

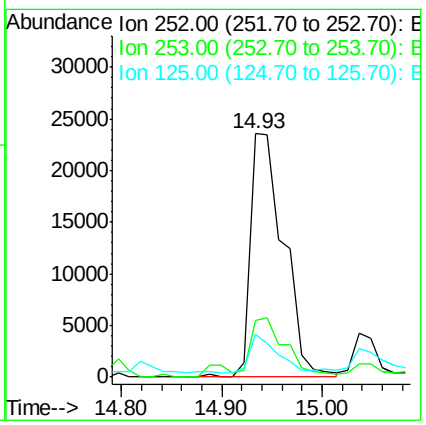


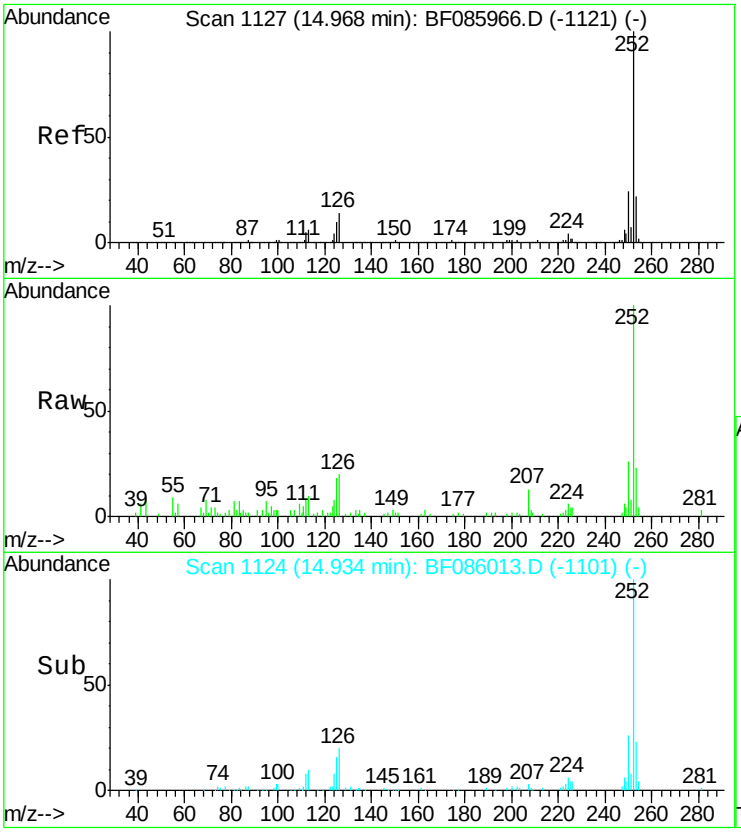


#87
Benzo(b)fluoranthene
Concen: 3.71 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:252 Resp: 53809

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	17.7	10.3	15.5#



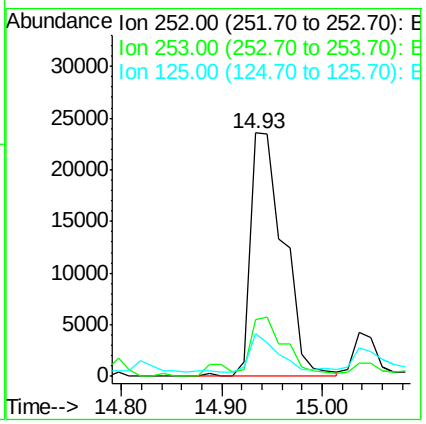


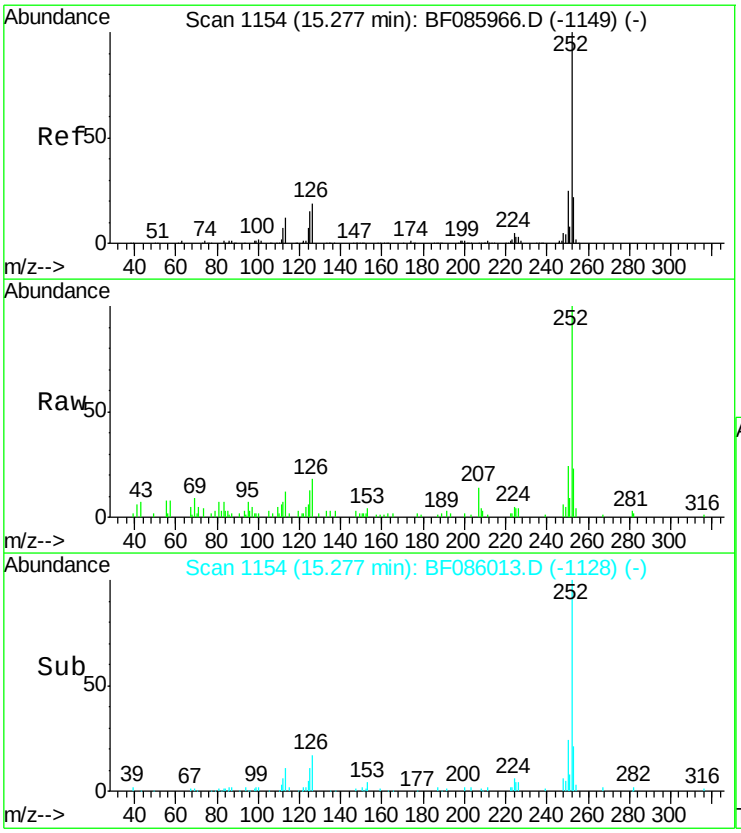
#88
Benzo(k)fluoranthene
Concen: 4.19 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
BH-15(0-4)

Tgt Ion:252 Resp: 53809

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	17.7	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 2.23 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF086013.D
Acq: 2 Apr 2016 15:56

Tgt Ion:252 Resp: 28692

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.0	10.3	15.5