Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-A-1(0-2)

Quant Time: Apr 18 04:12:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283485	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1126215	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	444394	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	687636	20.00	ng		0.00
75) Chrysene-d12	14.04	240	510414	20.00	ng		-0.01
86) Perylene-d12	15.48	264	529925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1897941	109.70	ng		0.01
7) Phenol-d6	6.52	99	2243150	103.65	ng		0.00
23) Nitrobenzene-d5	7.46	82	1645549	84.27	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	377347	105.75	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2202885	91.47	ng		-0.01
78) Terphenyl-d14	13.00	244	1316437	64.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	233234	16.84	ng	#	83
22) Acetophenone	7.30	105	1830	Below Cal		#	85
49) Dimethylphthalate	9.65	163	347282	10.75	ng		99
56) 2,4-Dinitrotoluene	9.93	165	58837	6.43	ng	#	31
57) Fluorene	10.48	166	4982	Below Cal		#	96
60) 4-Chlorophenyl-phenylether	10.48	204	458	Below Cal		#	53
66) 4-Bromophenyl-phenylether	10.72	248	22519	3.51	ng	#	1
71) Anthracene	11.48	178	14386	Below Cal			98
74) Fluoranthene	12.62	202	93560	Below Cal			92
77) Pyrene	12.85	202	87264	2.23	ng		96
80) Benzo(a)anthracene	14.03	228	57057	2.04	ng		97
87) Benzo(b)fluoranthene	15.07	252	108796	3.33	ng	#	87
88) Benzo(k)fluoranthene	15.07	252	108796	3.65	ng	#	83

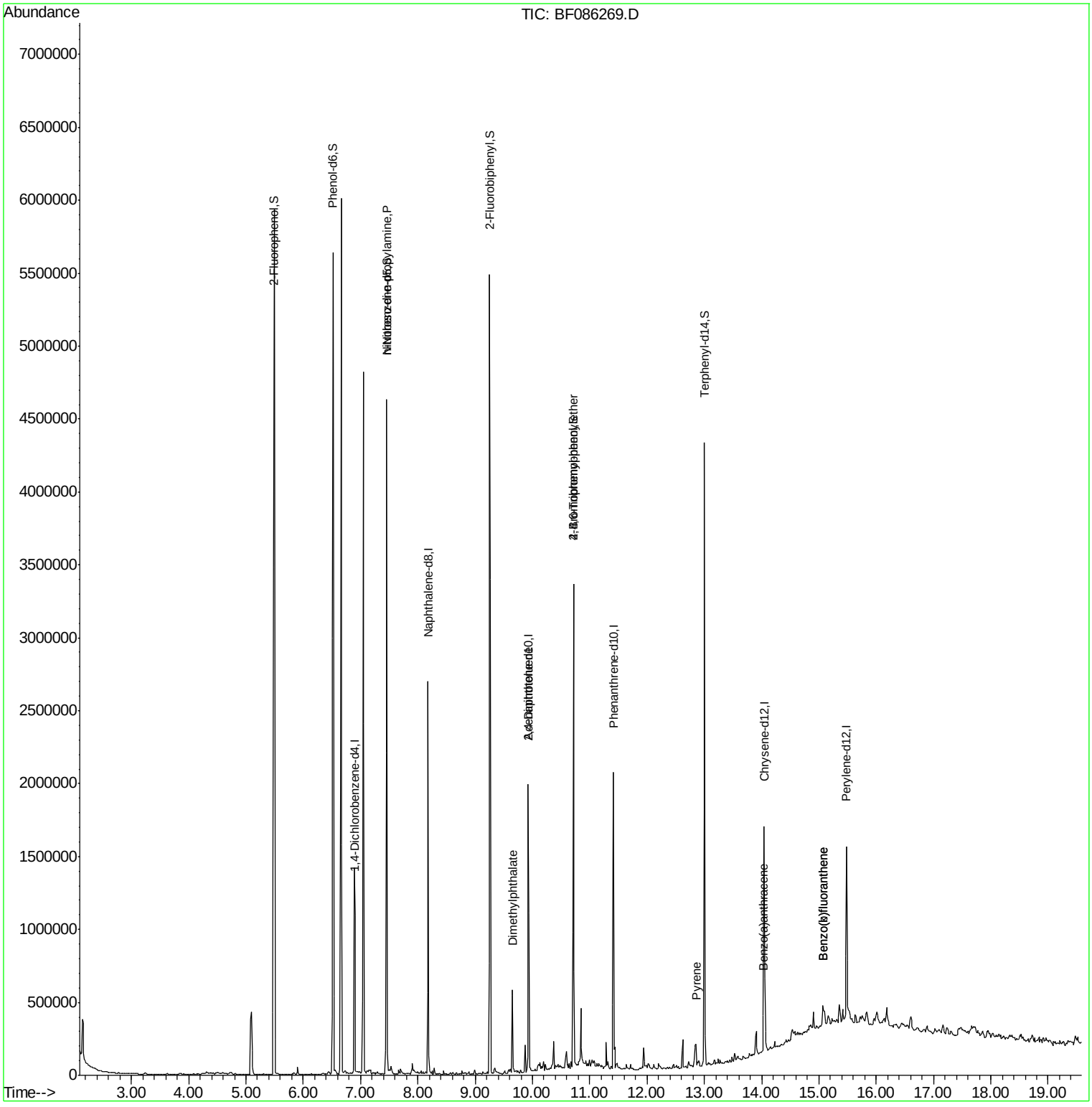
(#) = qualifier out of range (m) = manual integration (+) = signals summed

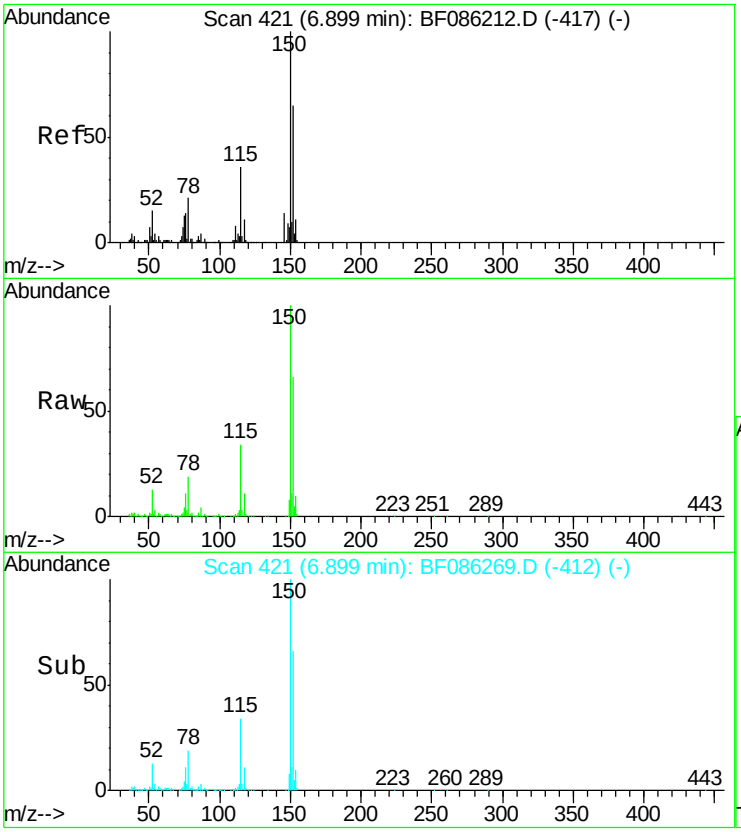
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086269.D
Acq On : 16 Apr 2016 16:45
Operator : UM/SJ
Sample : H2413-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Quant Time: Apr 18 04:12:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration



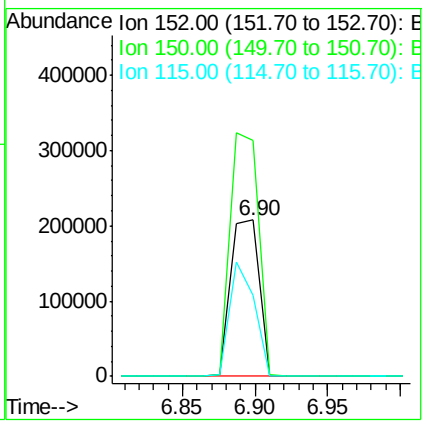


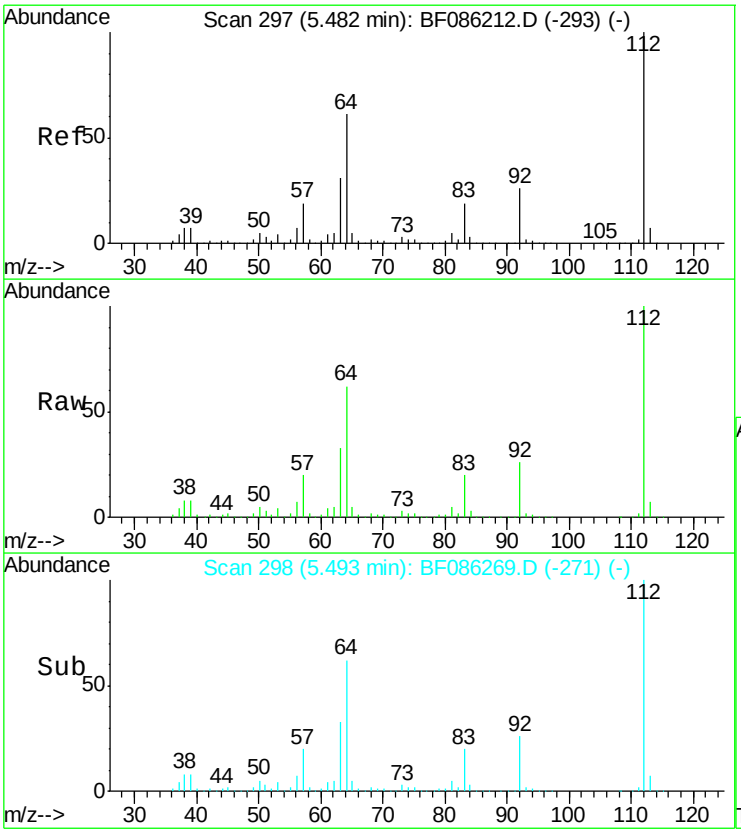
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:152 Resp: 283485

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.1	186.1
115	52.1	43.9	65.9

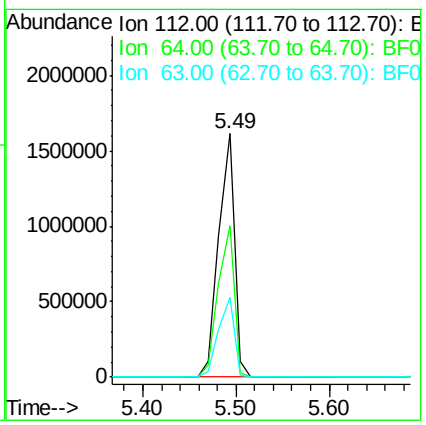


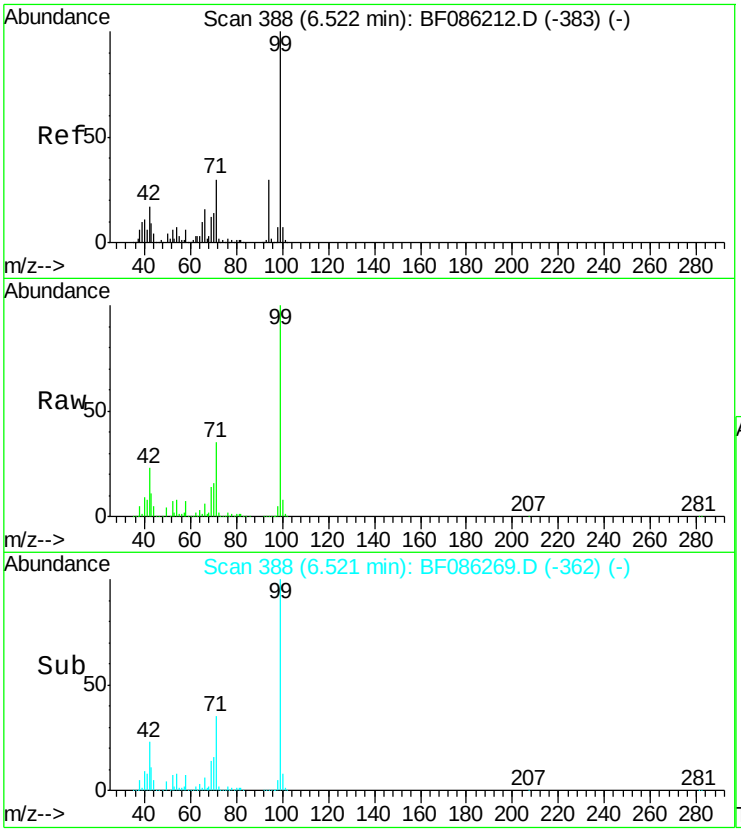


#5
2-Fluorophenol
Concen: 109.70 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:112 Resp: 1897941

Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.1	72.1
63	32.7	25.5	38.3



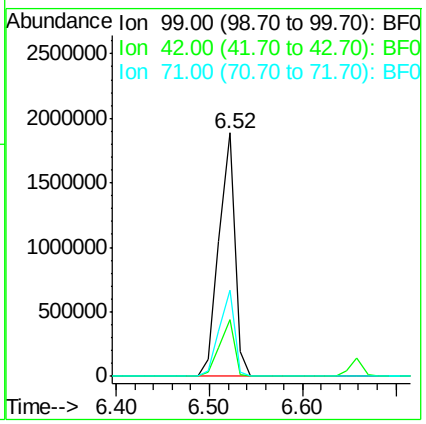


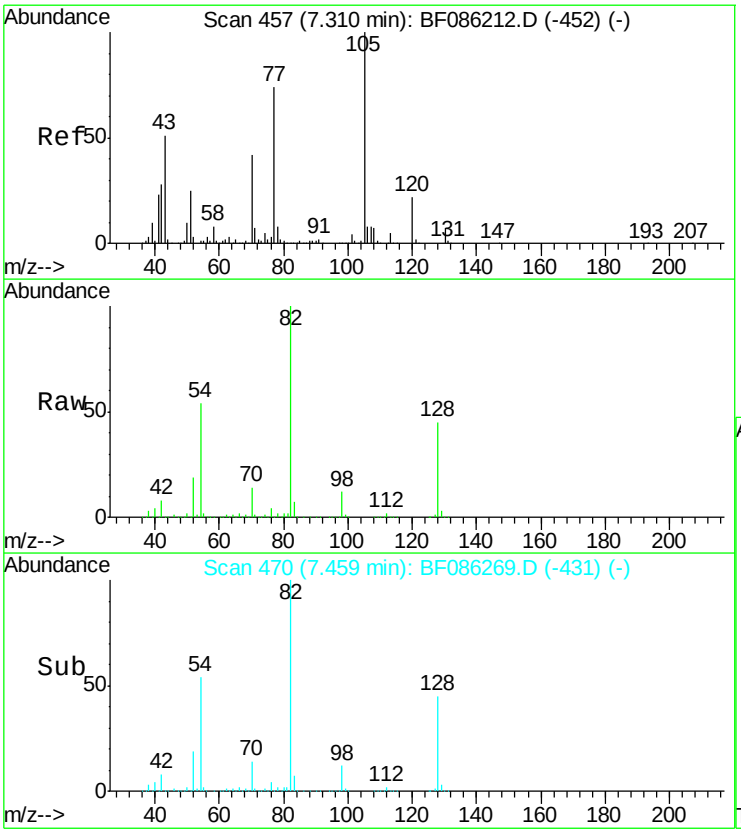
#7
Phenol-d6
Concen: 103.65 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion: 99 Resp: 2243150

Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.4	23.2
71	35.2	25.6	38.4

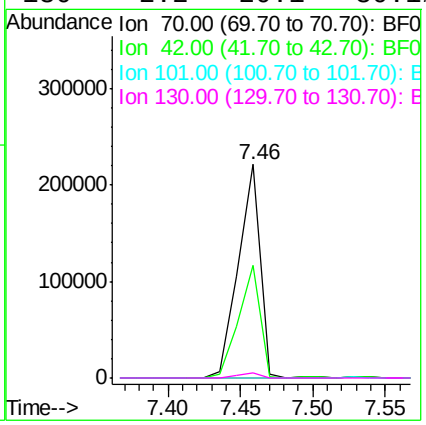


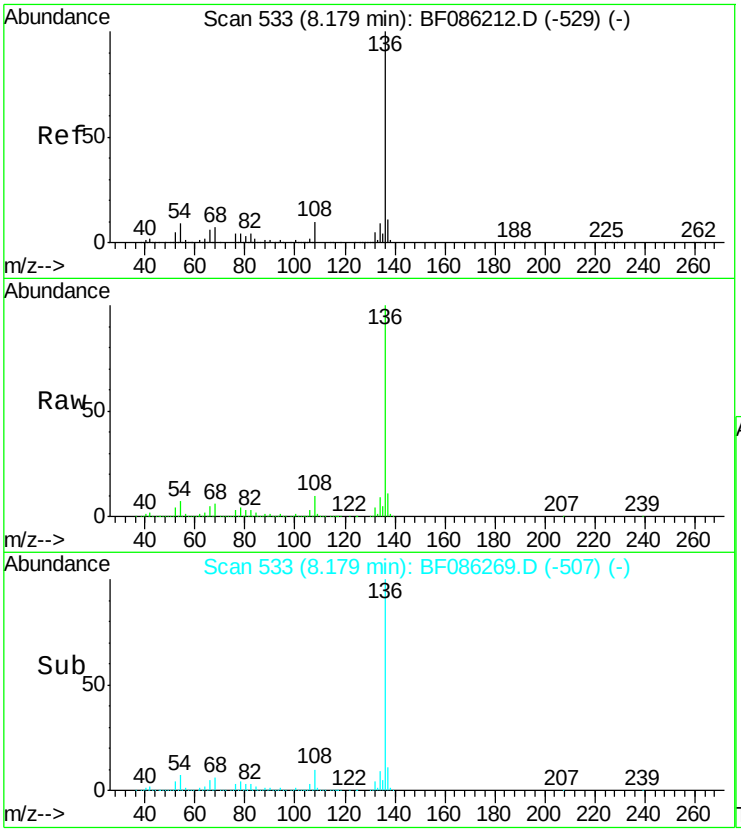


#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion: 70 Resp: 233234

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



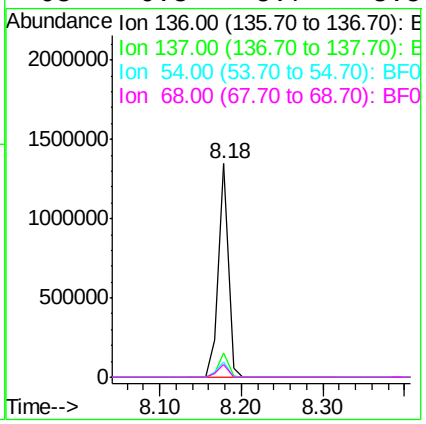


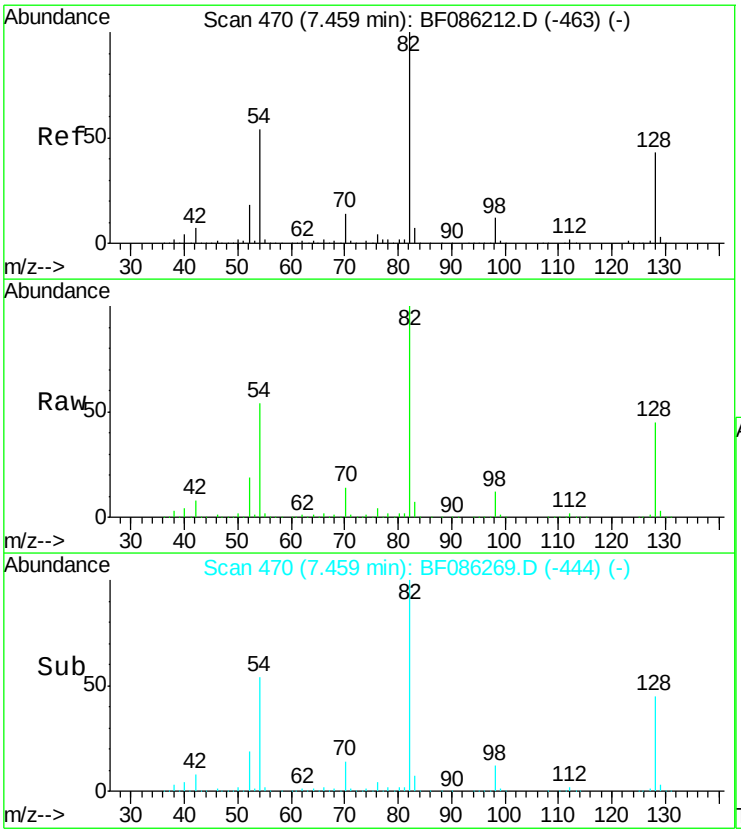
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:136 Resp: 1126215

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	7.3	10.9
68	6.3	5.7	8.5

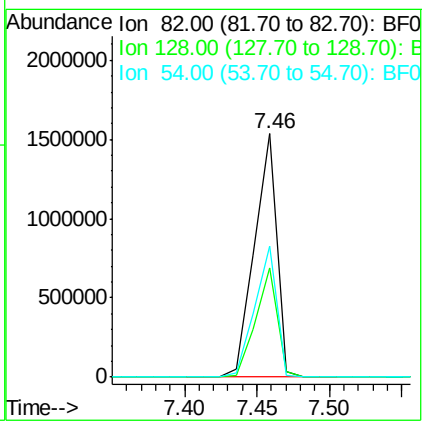


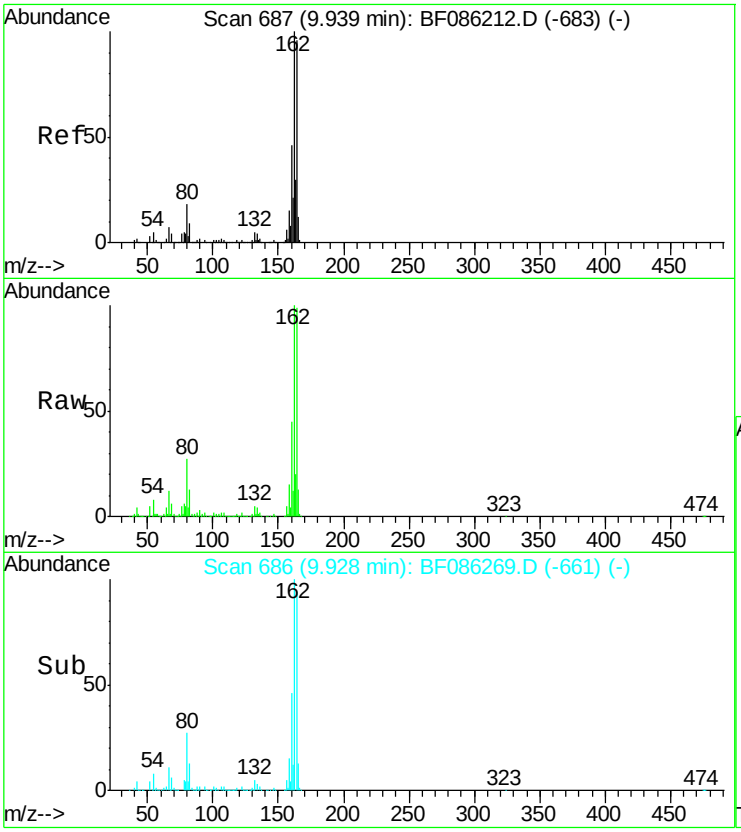


#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion: 82 Resp: 1645549

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.4	53.2
54	53.7	43.4	65.0



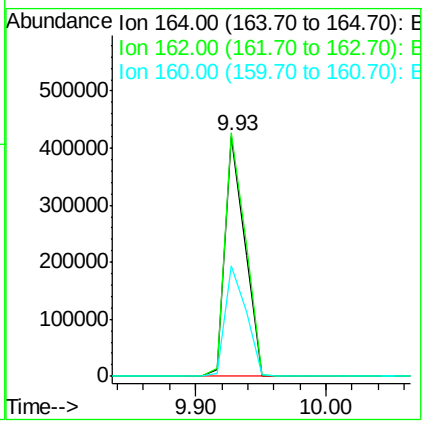


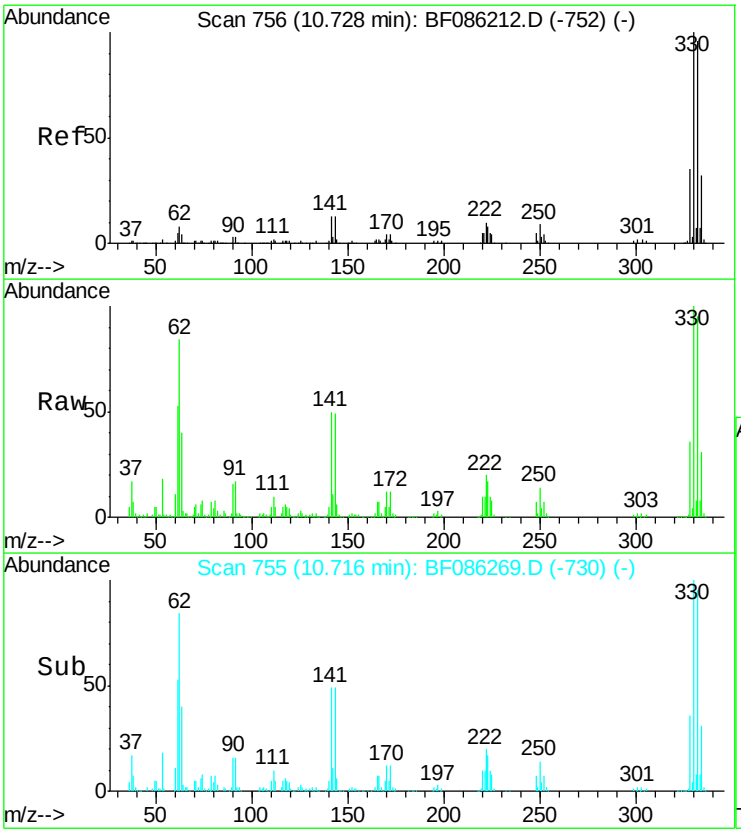
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:164 Resp: 444394

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	46.1	38.9	58.3

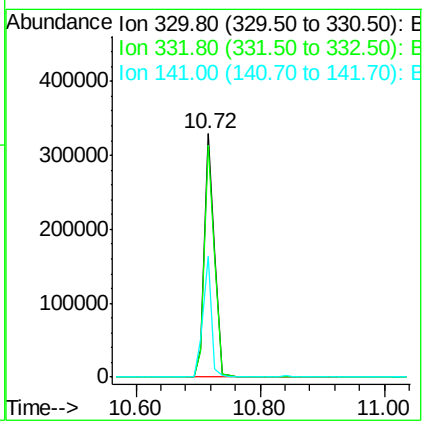


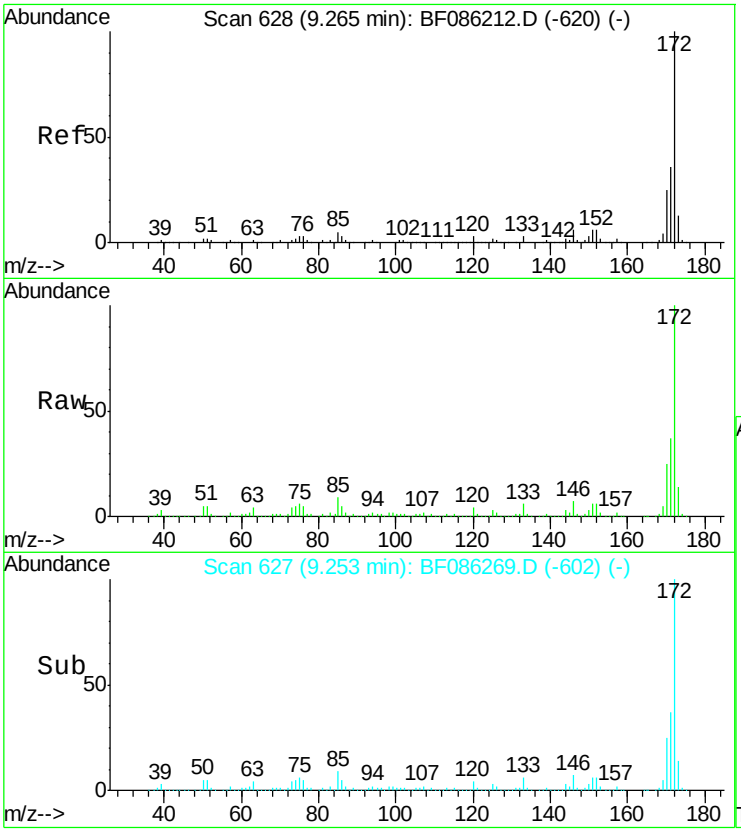


#41
2,4,6-Tribromophenol
Concen: 105.75 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:330 Resp: 377347

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.7	118.1
141	41.4	28.6	42.8



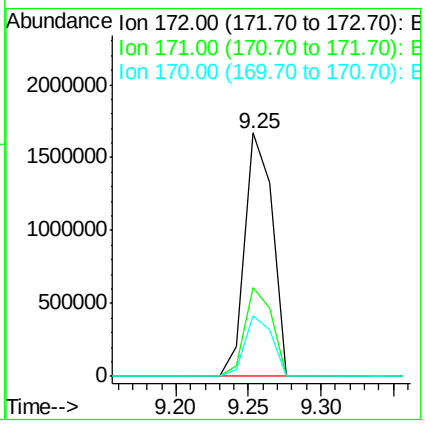


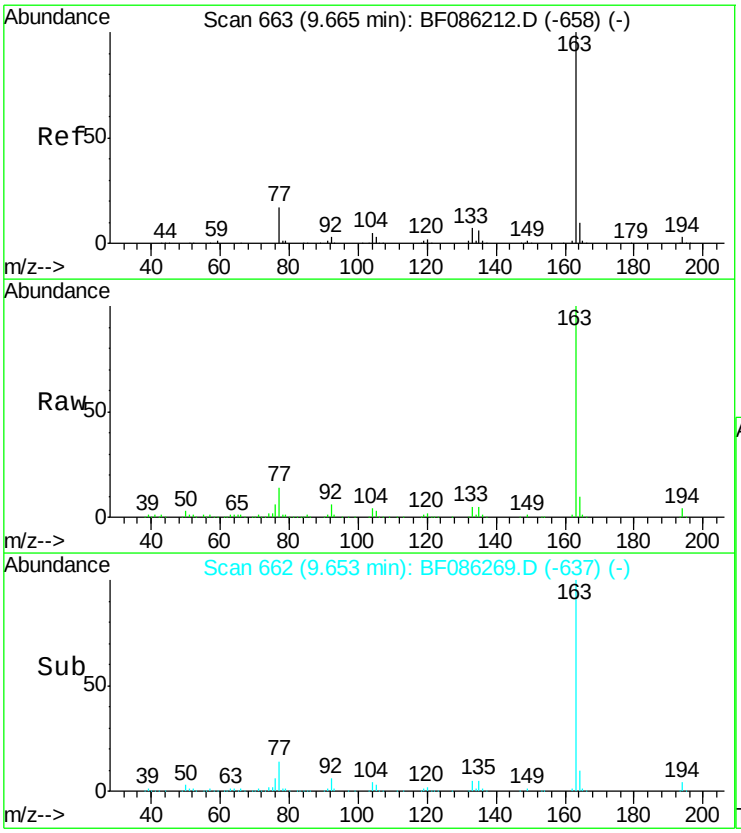
#44
2-Fluorobiphenyl
Concen: 91.47 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:172 Resp: 2202885

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.9	19.9	29.9

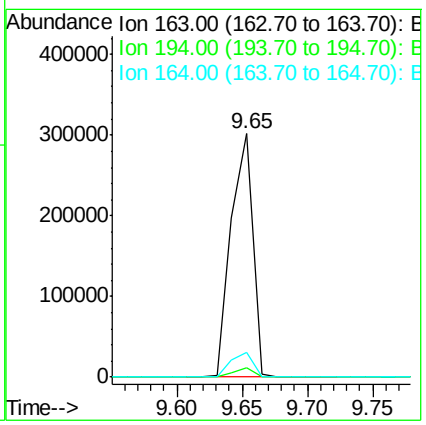


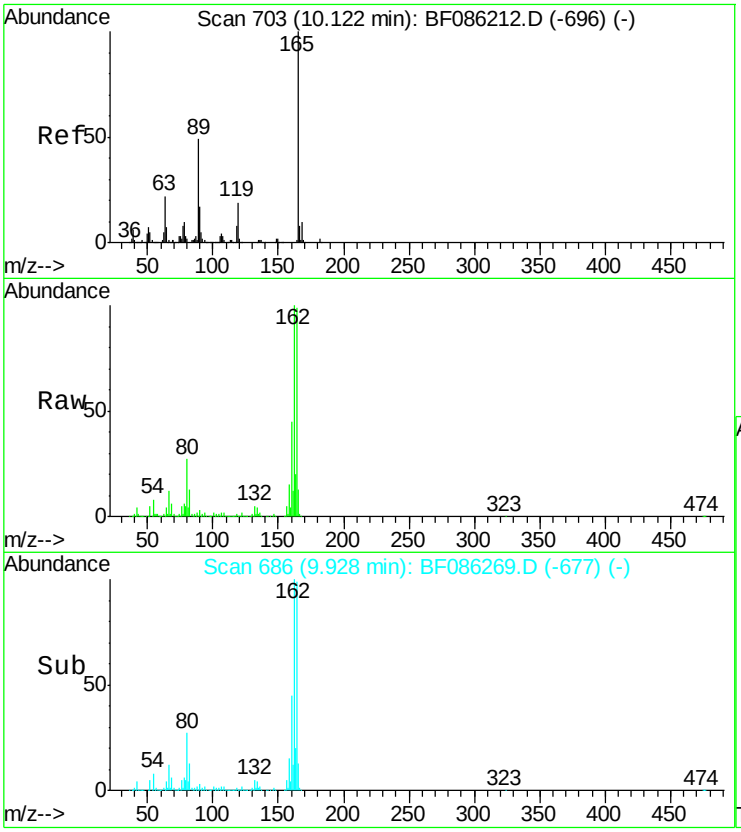


#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:163 Resp: 347282

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.0	8.4	12.6



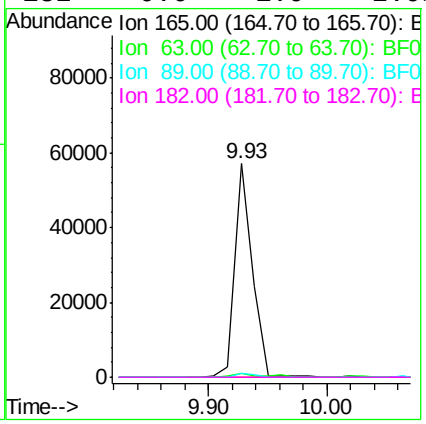


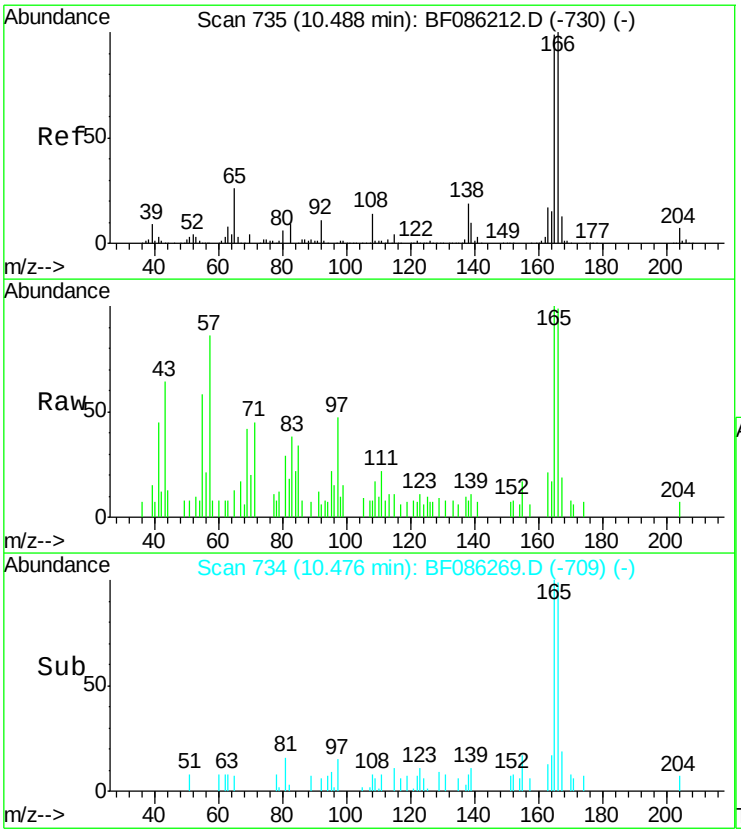
#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:165 Resp: 58837

Ion	Ratio	Lower	Upper
165	100		
63	1.6	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#

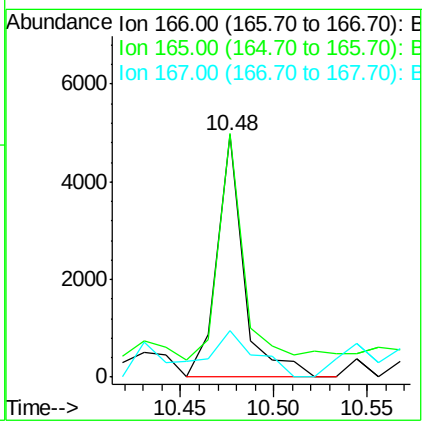


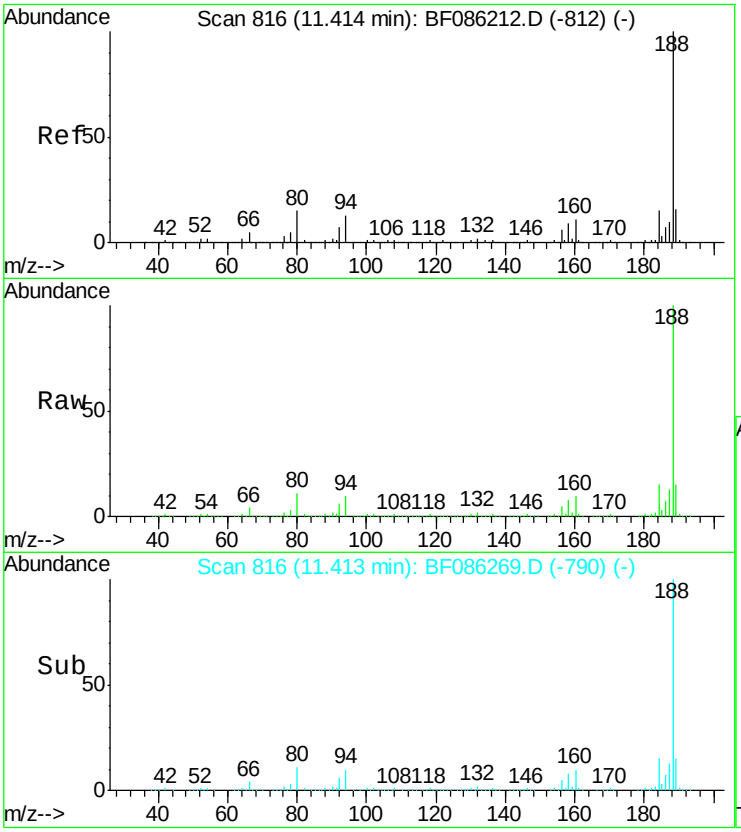


#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:166 Resp: 4982

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	117.8
167	19.1	10.4	15.6#



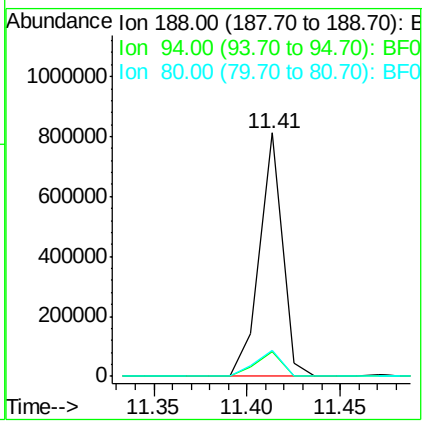


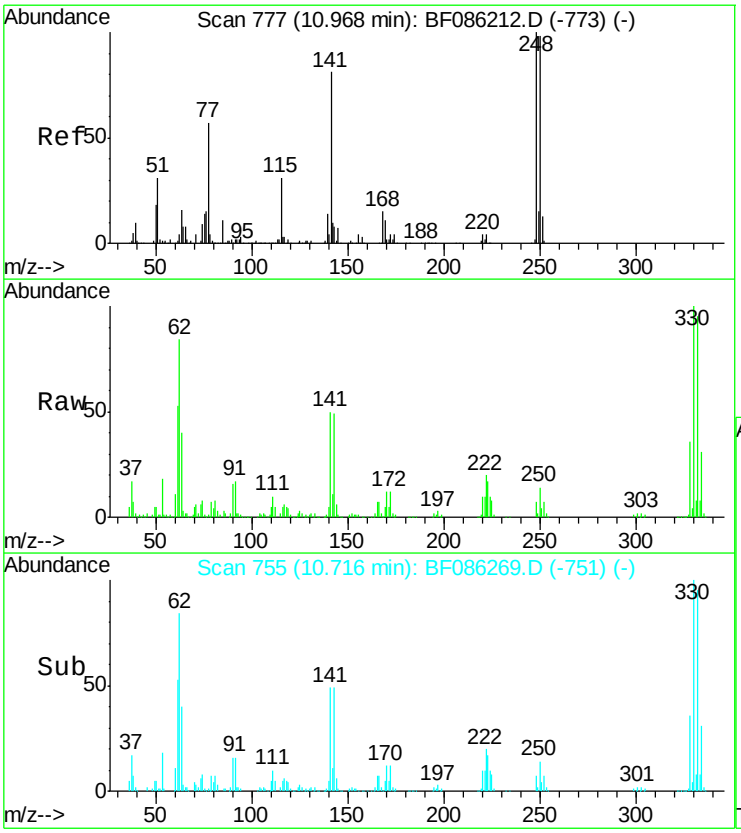
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:188 Resp: 687636

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.8	14.8
80	10.9	10.5	15.7

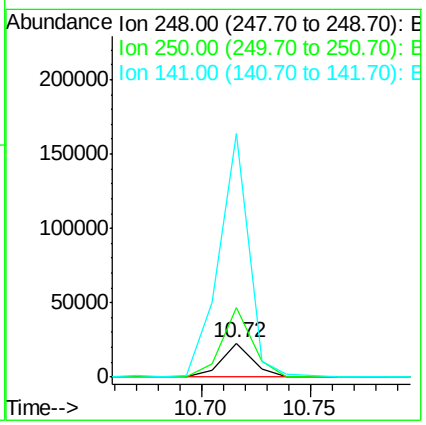


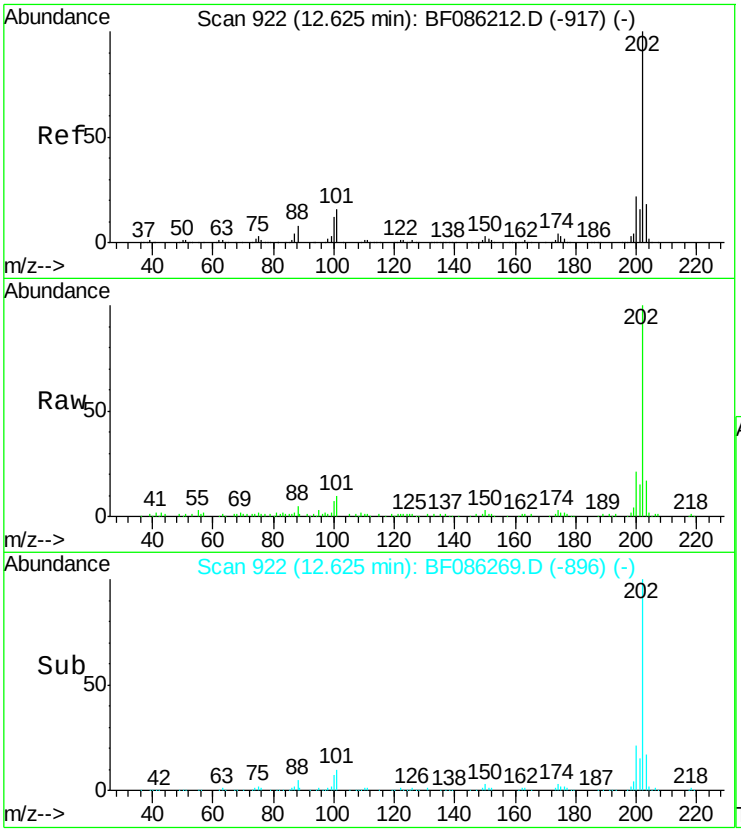


#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:248 Resp: 22519

Ion	Ratio	Lower	Upper
248	100		
250	204.5	78.6	118.0#
141	722.4	57.9	86.9#



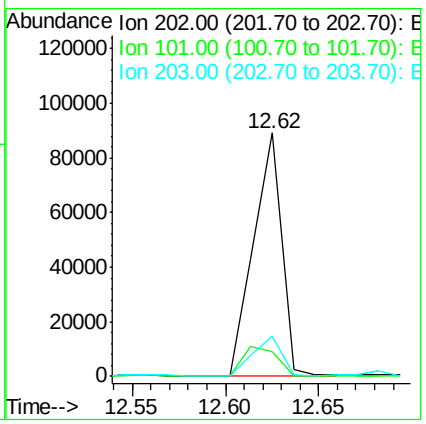


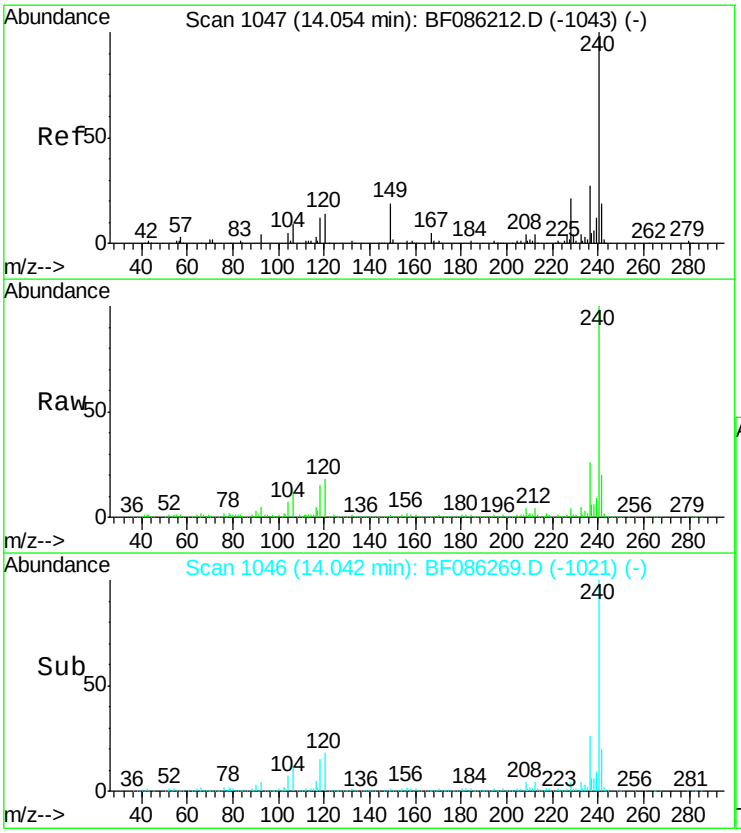
#74
Fluoranthene
Concen: Below Cal
RT: 12.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:202 Resp: 93560

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	35.2
203	16.6	0.0	38.2

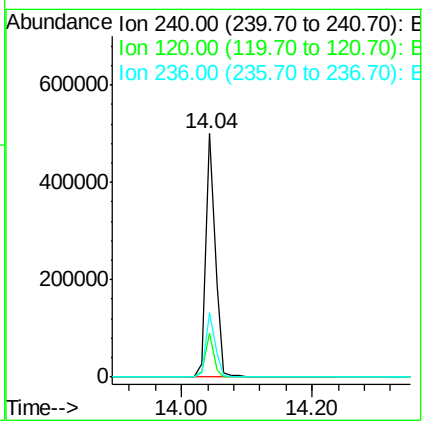


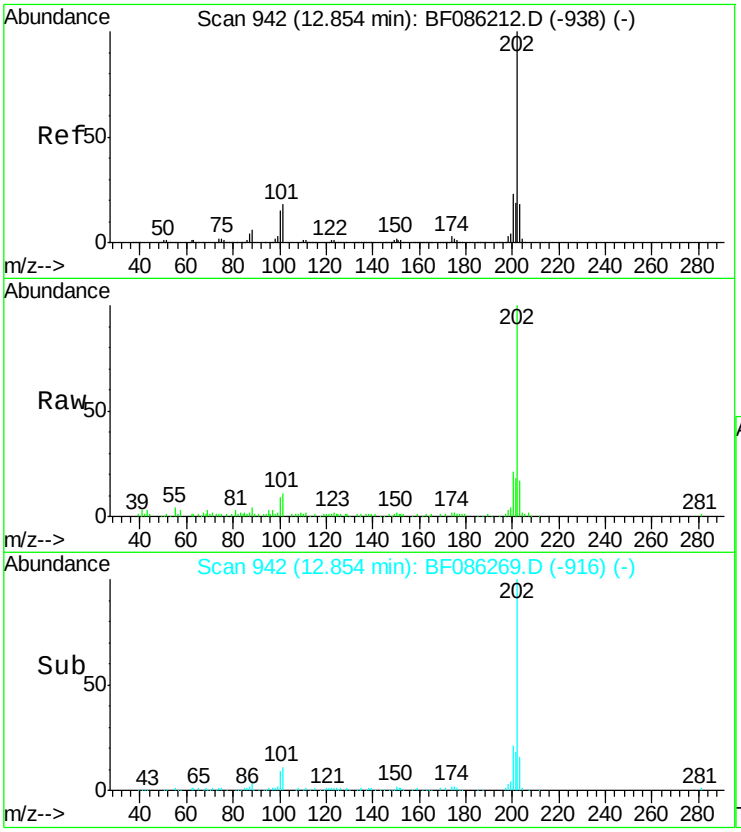


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:240 Resp: 510414

Ion	Ratio	Lower	Upper
240	100		
120	17.9	9.3	13.9#
236	26.5	21.1	31.7



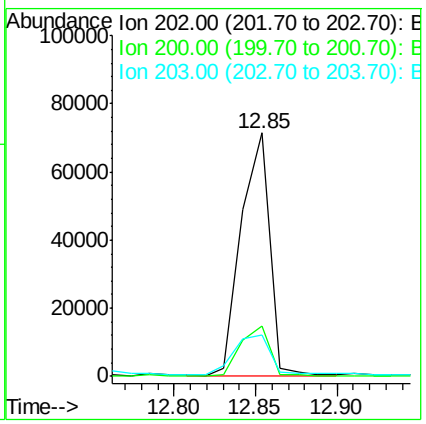


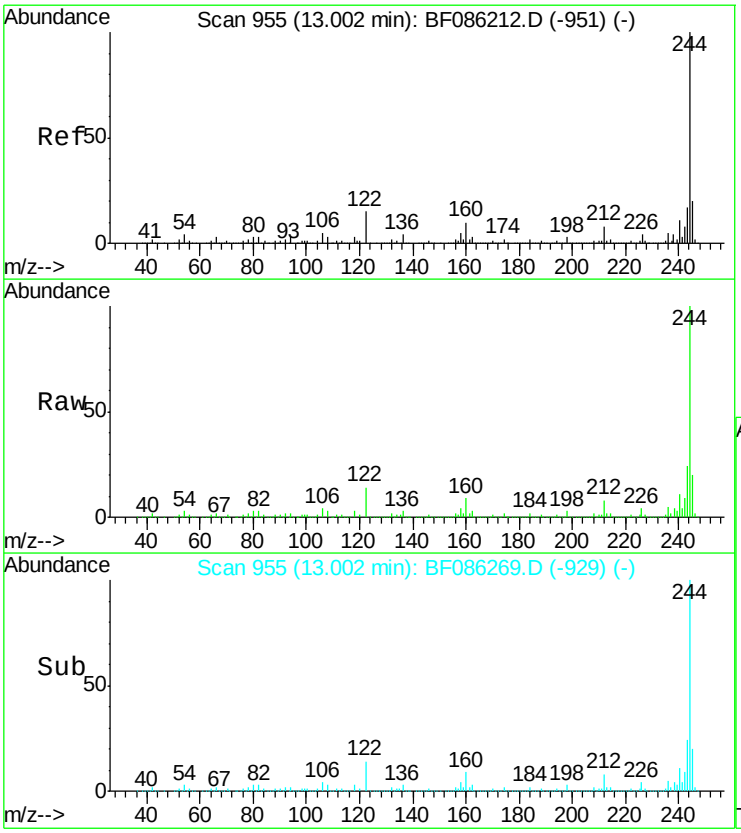
#77
Pyrene
Concen: 2.23 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:202 Resp: 87264

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.3	27.5
203	17.1	14.9	22.3

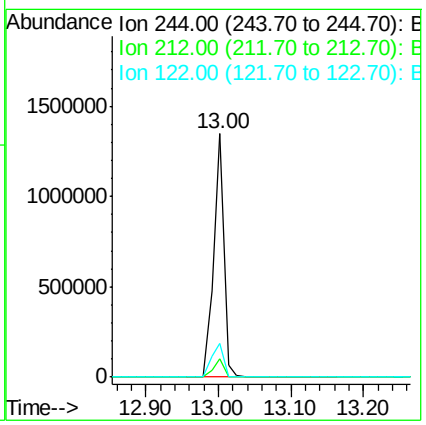


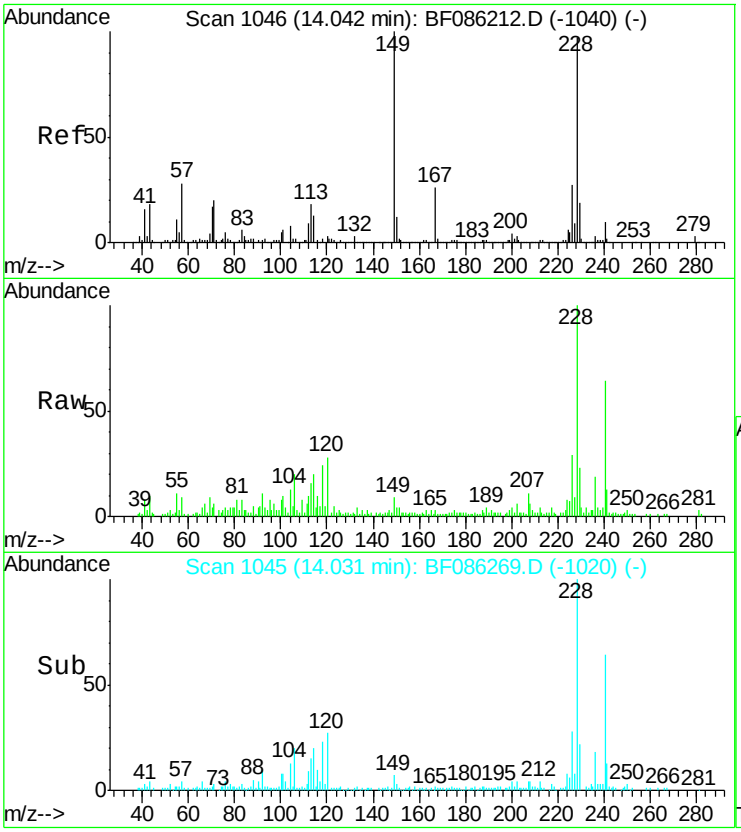


#78
Terphenyl-d14
Concen: 64.85 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:244 Resp: 1316437

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.8	11.7	17.5



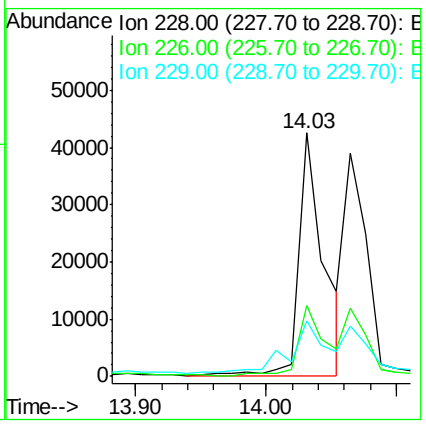


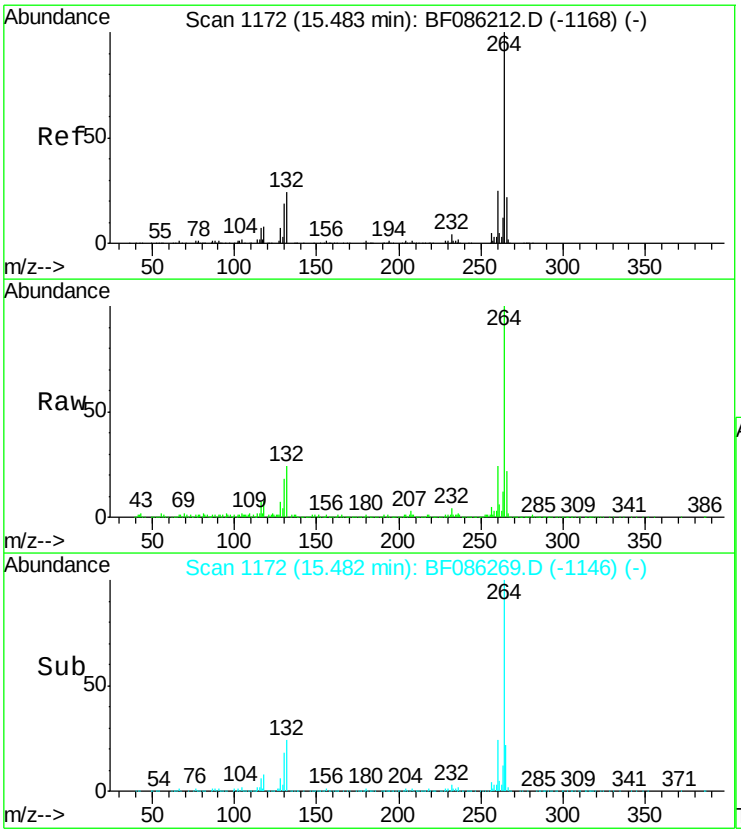
#80
Benzo(a)anthracene
Concen: 2.04 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:228 Resp: 57057

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	22.6	16.2	24.2

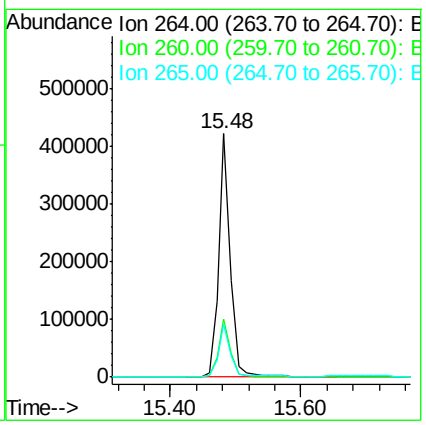


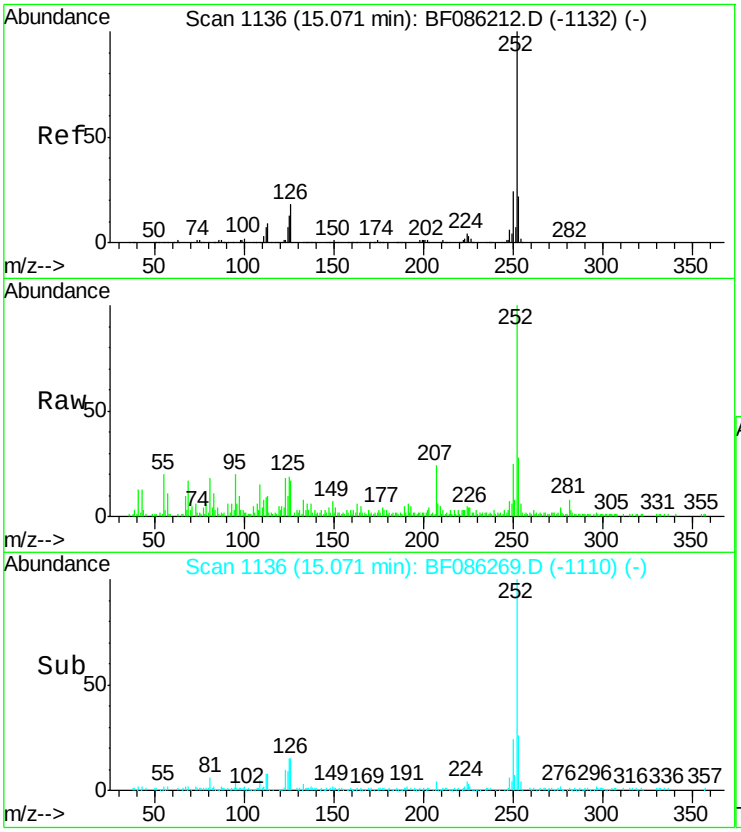


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:264 Resp: 529925

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	22.0	17.4	26.0



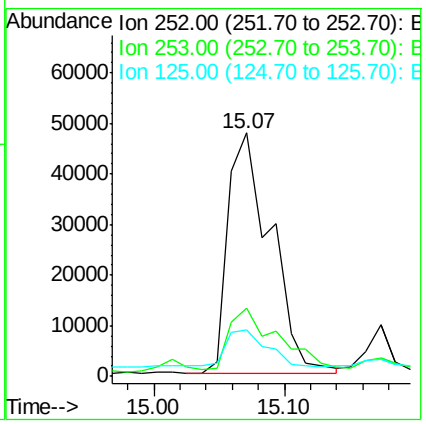


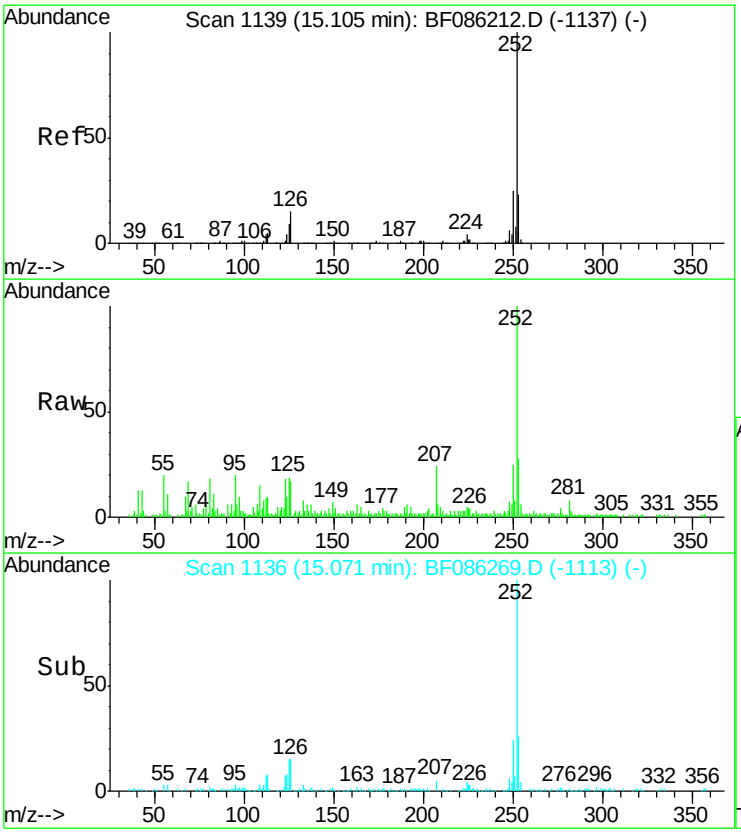
#87
Benzo(b)fluoranthene
Concen: 3.33 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Instrument :
BNA_F
ClientSampleId :
SP-2-A-1(0-2)

Tgt Ion:252 Resp: 108796

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.7	26.5#
125	19.1	10.3	15.5#





#88
Benzo(k)fluoranthene
Concen: 3.65 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086269.D
Acq: 16 Apr 2016 16:45

Tgt Ion:252 Resp: 108796

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.5	26.3#
125	19.1	7.8	11.6#