Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086185.D
Acq On : 8 Apr 2016 23:13
Operator : UM/SJ
Sample : H2366-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4PCOMP

Quant Time: Apr 09 00:43:03 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	6.73	152	127442	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	490279	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	203445	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	354388	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	233421	20.00	ng		-0.05
86) Perylene-d12	15.28	264	216811	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	965249	129.46	ng		-0.05
7) Phenol-d6	6.38	99	1267210	133.81	ng		-0.03
23) Nitrobenzene-d5	7.30	82	733031	88.17	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	259083	135.68	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1159739	94.78	ng		-0.05
78) Terphenyl-d14	12.83	244	789465	79.50	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	20741	4.07	ng		87
19) n-Nitroso-di-n-propylamine	7.30	70	99028	16.87	ng	#	77
25) Isophorone	7.30	82	733072	44.67	ng	#	68
49) Dimethylphthalate	9.49	163	177089	11.74	ng		98
56) 2,4-Dinitrotoluene	9.76	165	26015	6.45	ng	#	37
66) 4-Bromophenyl-phenylether	10.56	248	16700	4.62	ng	#	1
70) Phenanthrene	11.26	178	43256	2.24	ng		99
71) Anthracene	11.26	178	43256	2.14	ng		98
74) Fluoranthene	12.45	202	58800	2.92	ng		97
77) Pyrene	12.68	202	60928	3.70	ng		99
80) Benzo(a)anthracene	13.87	228	30728	2.23	ng		95
87) Benzo(b)fluoranthene	14.89	252	39920	2.93	ng	#	80
88) Benzo(k)fluoranthene	14.89	252	39920	3.31	ng	#	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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Acq On : 8 Apr 2016 23:13
Operator : UM/SJ
Sample : H2366-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Quant Time: Apr 09 00:43:03 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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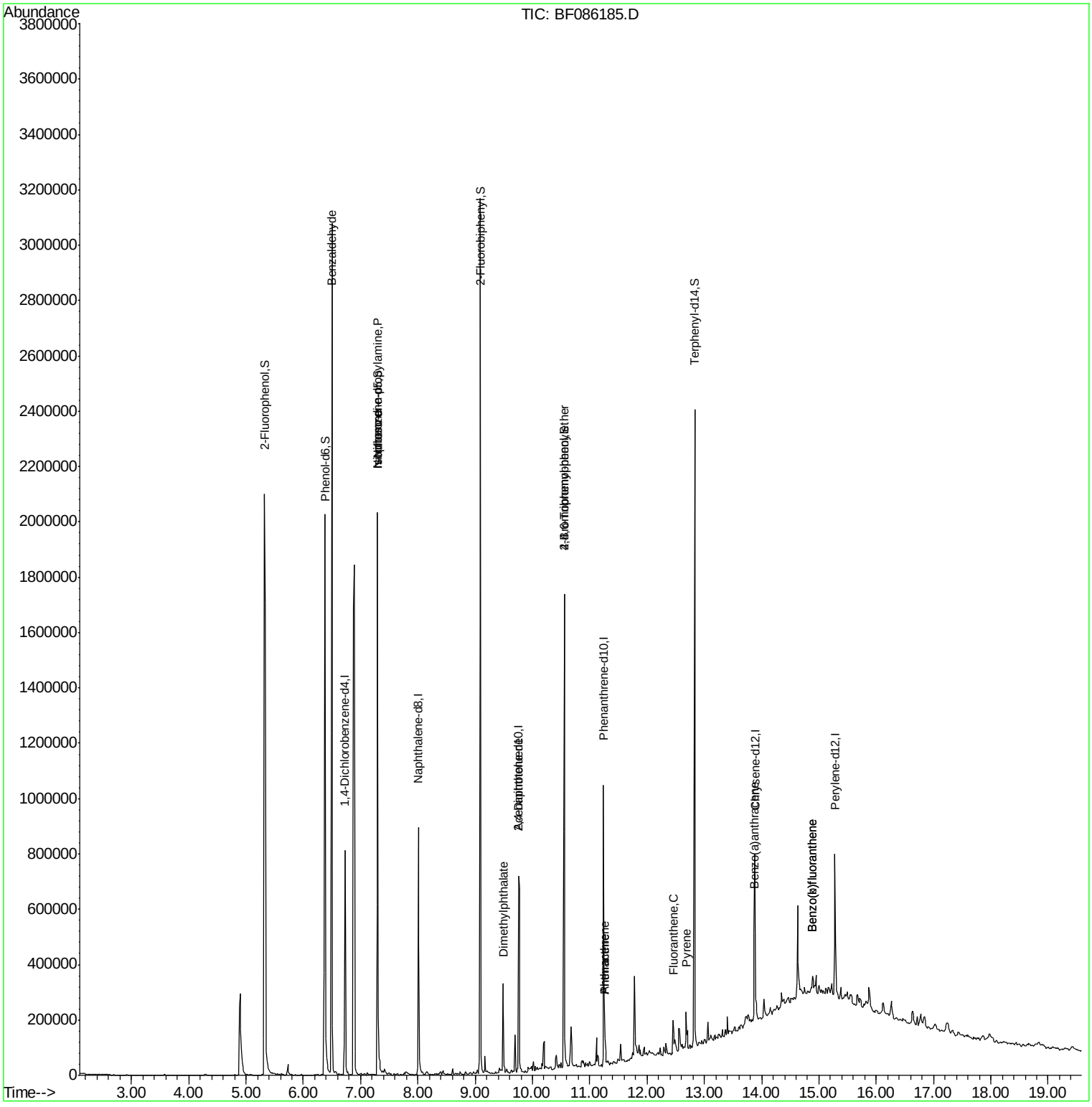
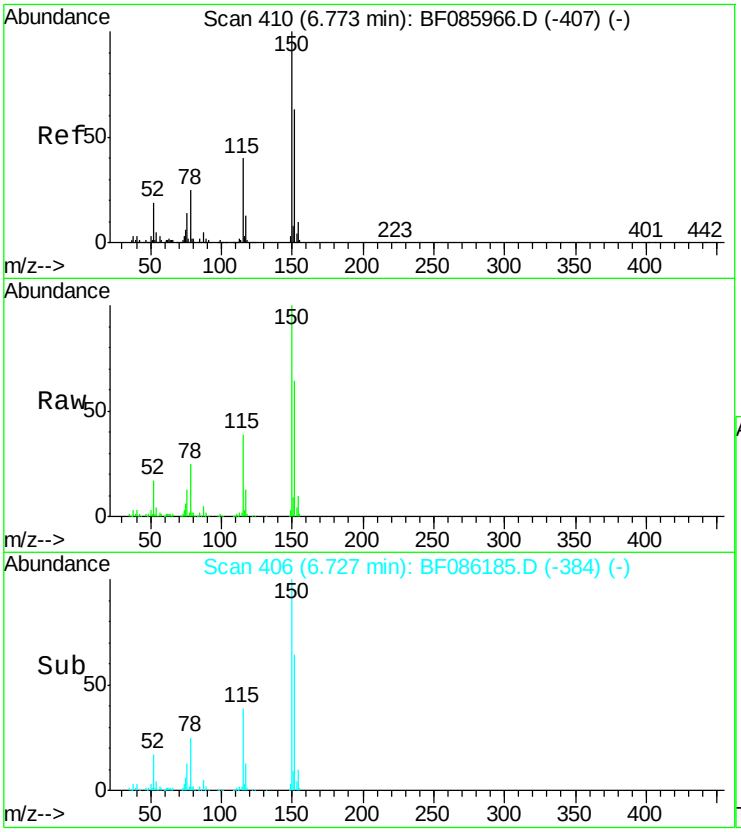


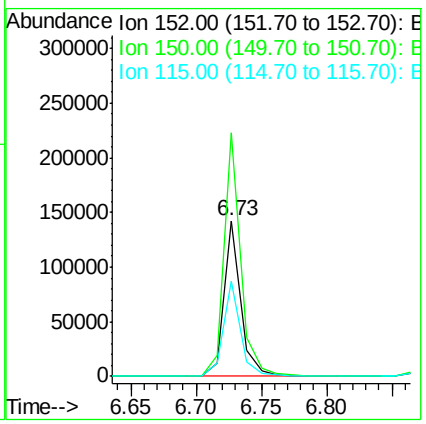


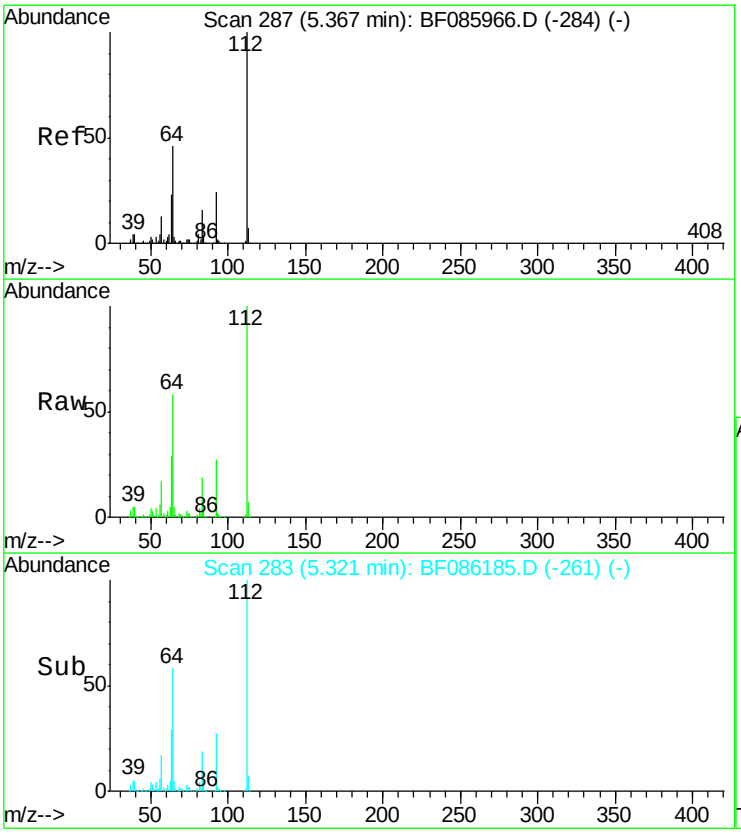
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:152 Resp: 127442

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	61.4	47.0	70.6

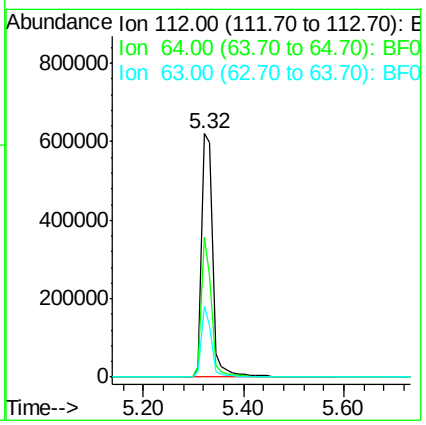


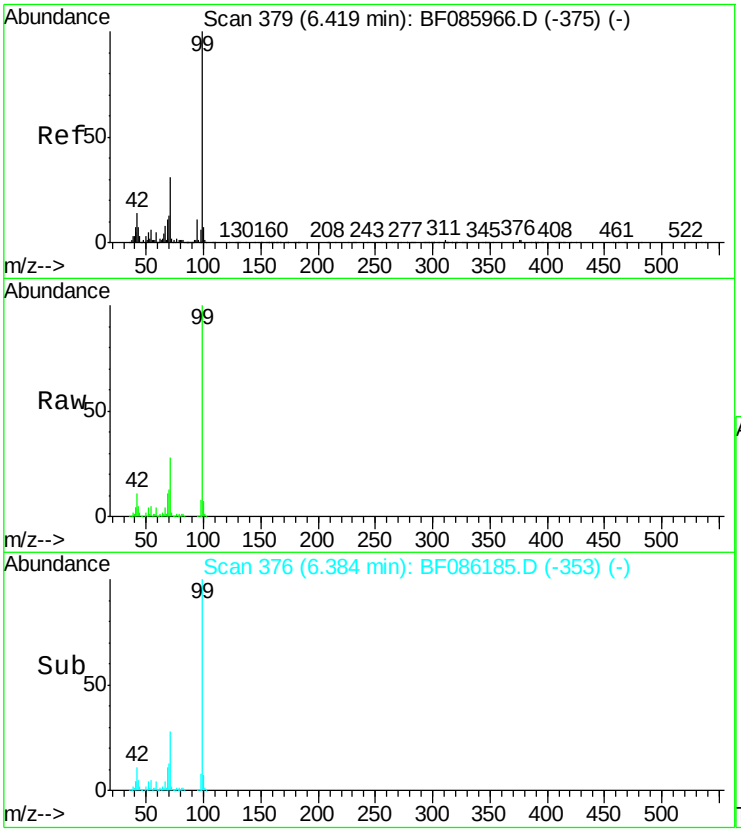


#5
2-Fluorophenol
Concen: 129.46 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:112 Resp: 965249

Ion	Ratio	Lower	Upper
112	100		
64	57.6	39.9	59.9
63	29.0	20.2	30.2



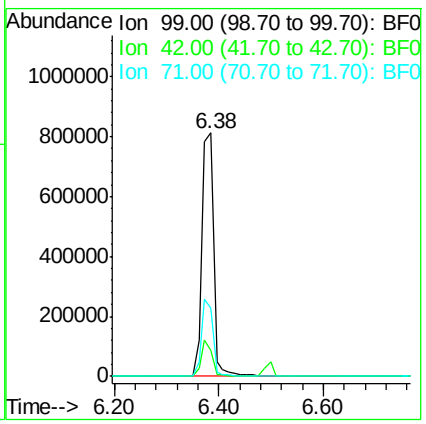


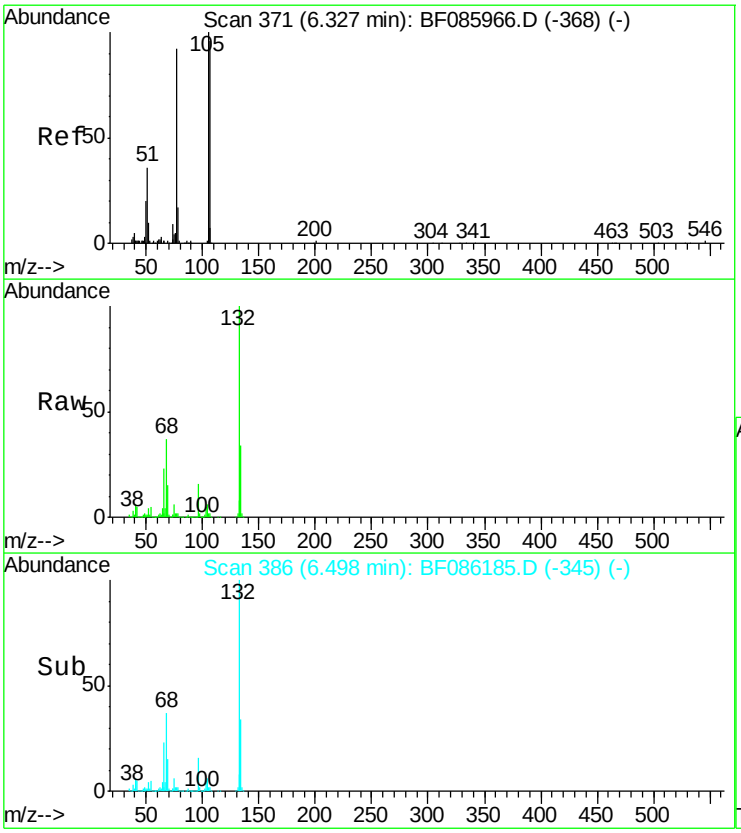
#7
Phenol-d6
Concen: 133.81 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion: 99 Resp: 1267210

Ion	Ratio	Lower	Upper
99	100		
42	10.9	11.1	16.7#
71	28.1	24.9	37.3

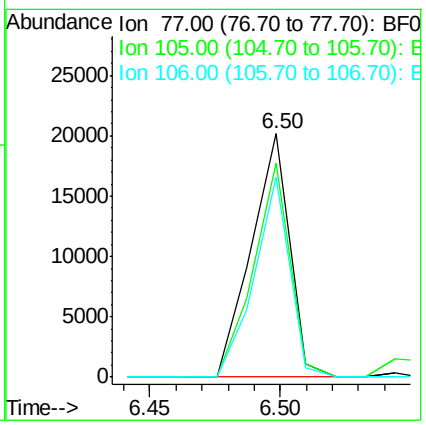


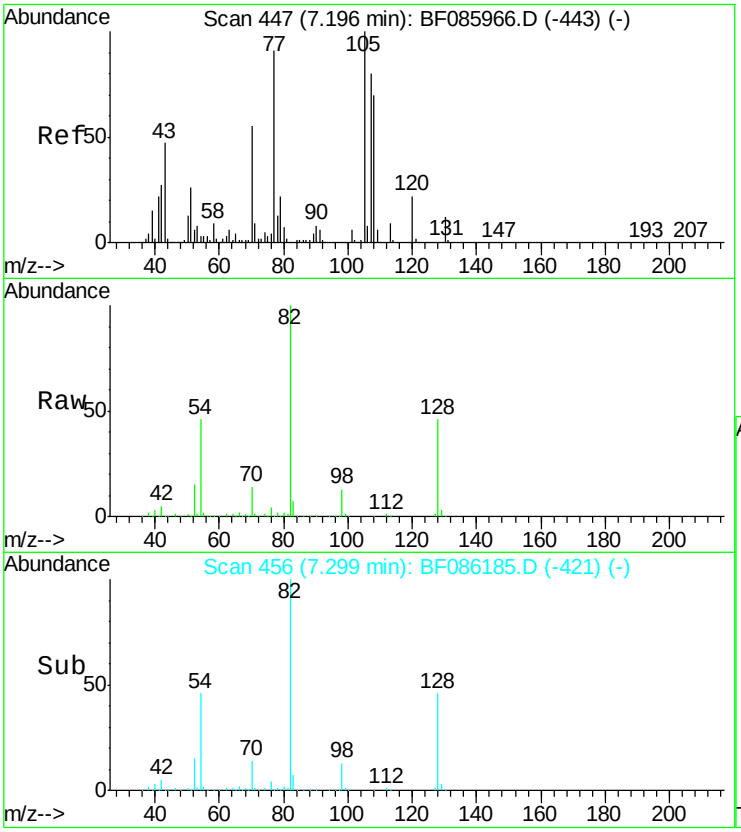


#9
Benzaldehyde
Concen: 4.07 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion: 77 Resp: 20741

Ion	Ratio	Lower	Upper
77	100		
105	88.0	80.1	120.1
106	82.0	75.0	115.0



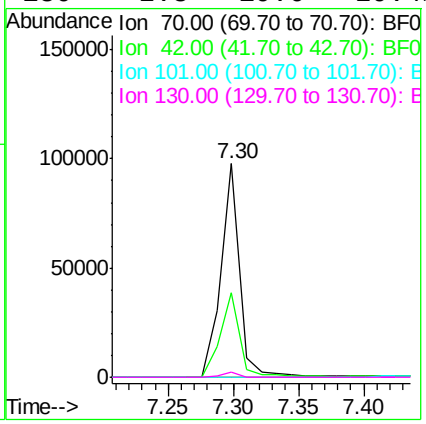


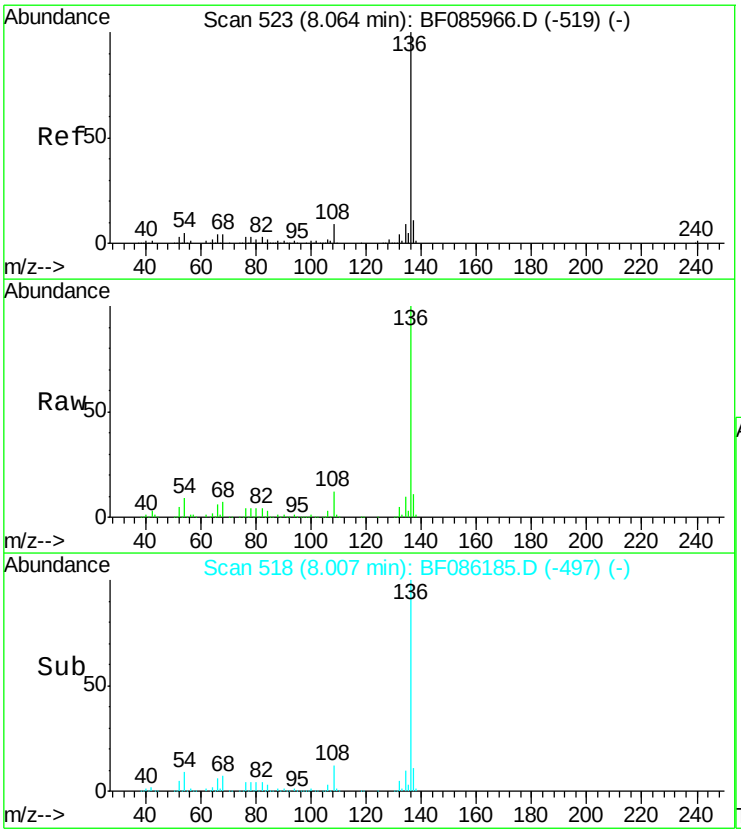
#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion: 70 Resp: 99028

Ion	Ratio	Lower	Upper
70	100		
42	39.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

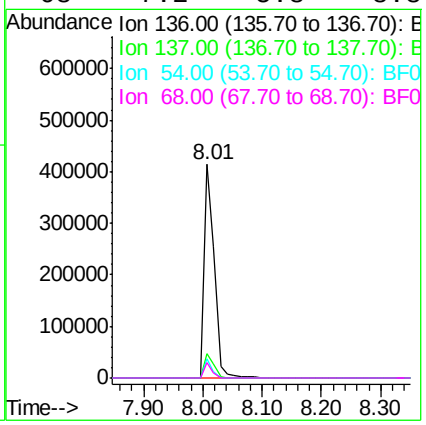


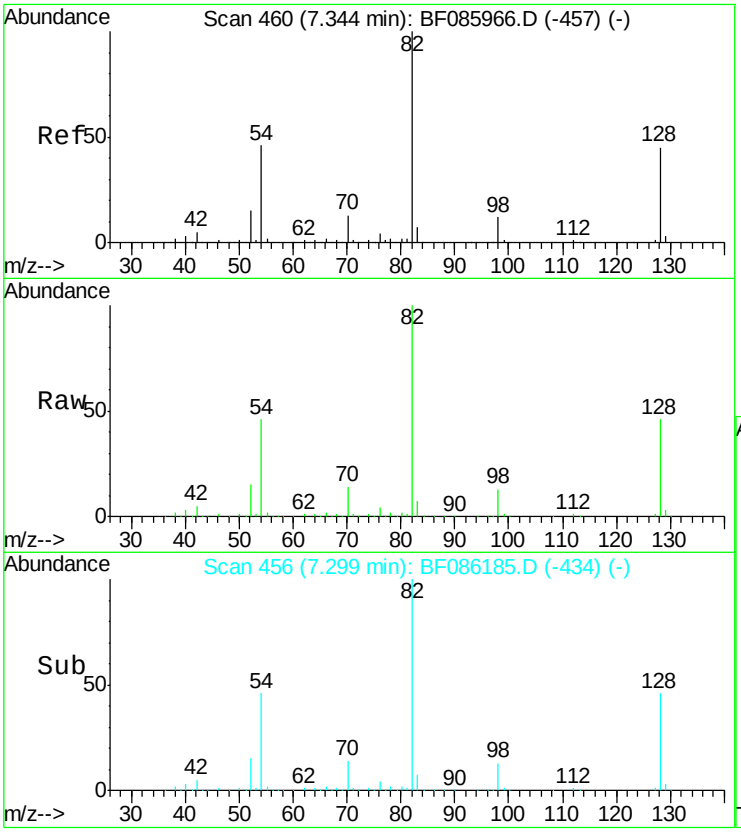


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:136 Resp: 490279

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	7.4	11.0
68	7.2	5.8	8.8



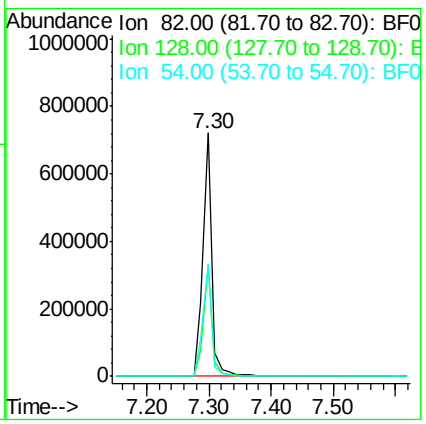


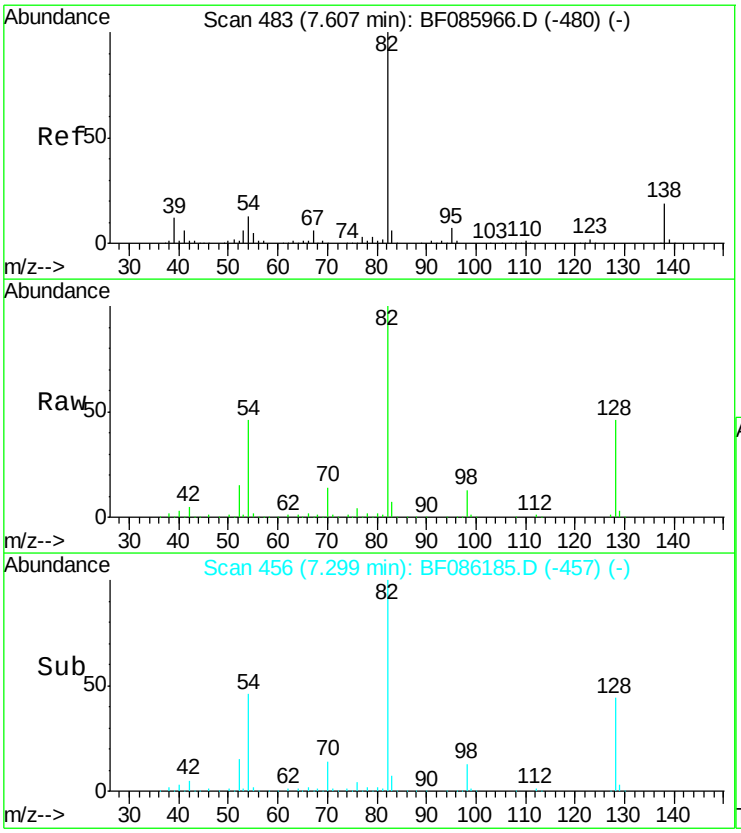
#23
Nitrobenzene-d5
Concen: 88.17 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion: 82 Resp: 733031

Ion	Ratio	Lower	Upper
82	100		
128	45.7	41.8	62.8
54	45.7	33.4	50.0

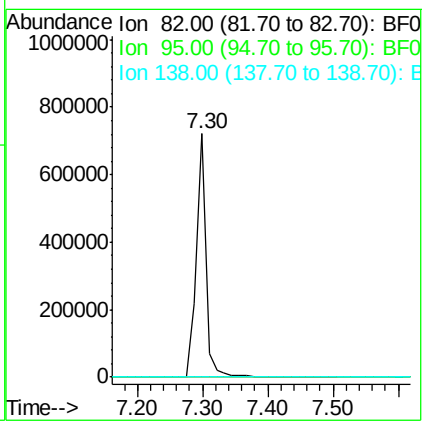


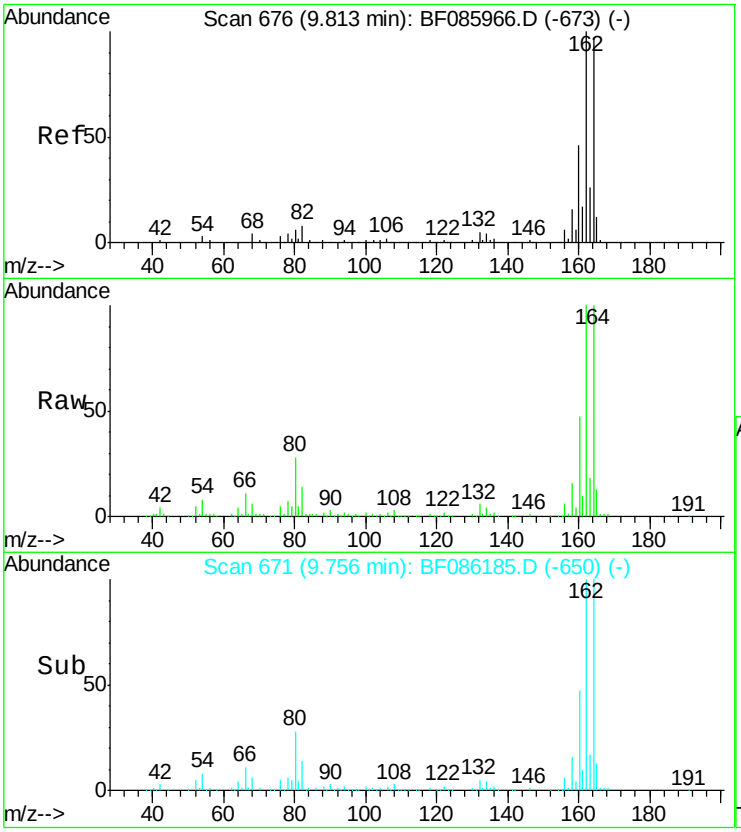


#25
Isophorone
Concen: 44.67 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion: 82 Resp: 733072

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



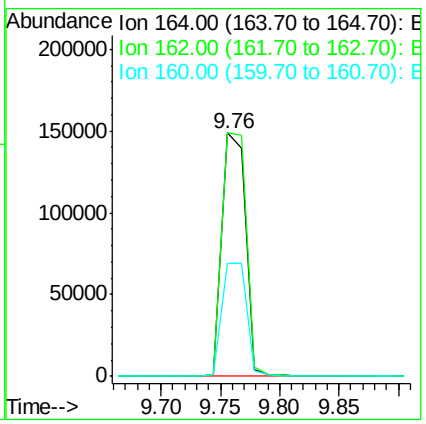


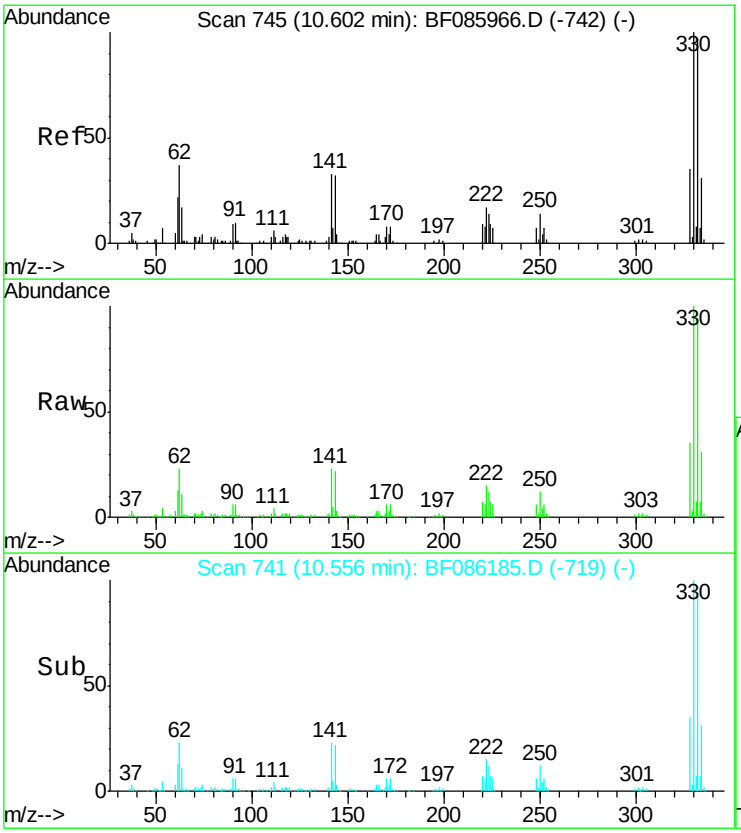
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:164 Resp: 203445

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.1	123.1
160	46.6	37.4	56.2

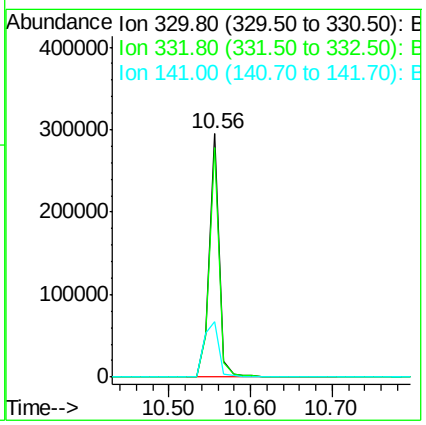


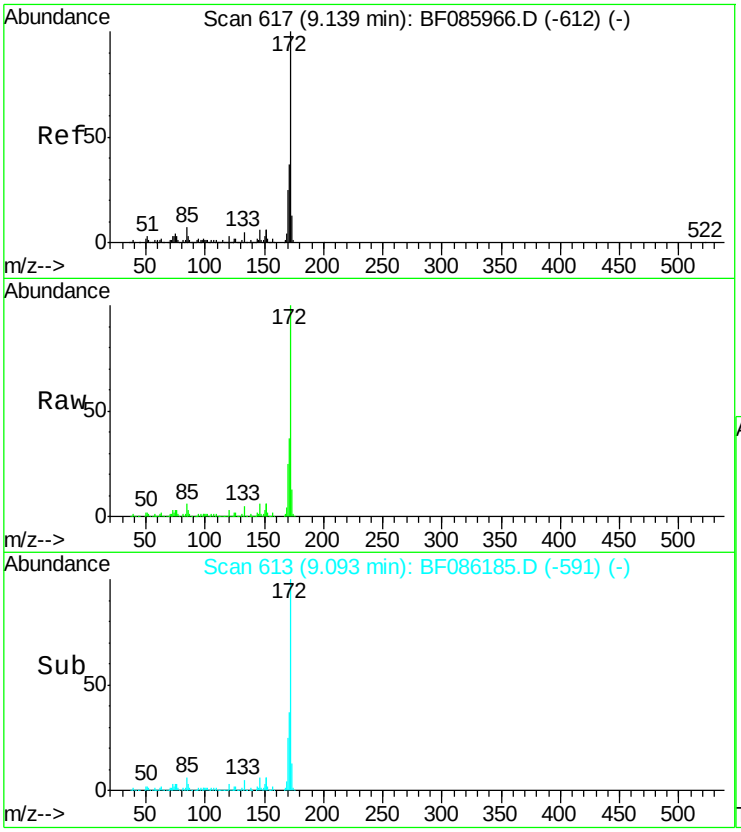


#41
2,4,6-Tribromophenol
Concen: 135.68 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:330 Resp: 259083

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.2	117.2
141	35.0	31.5	47.3



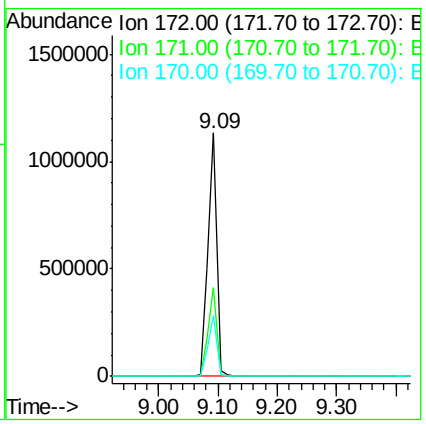


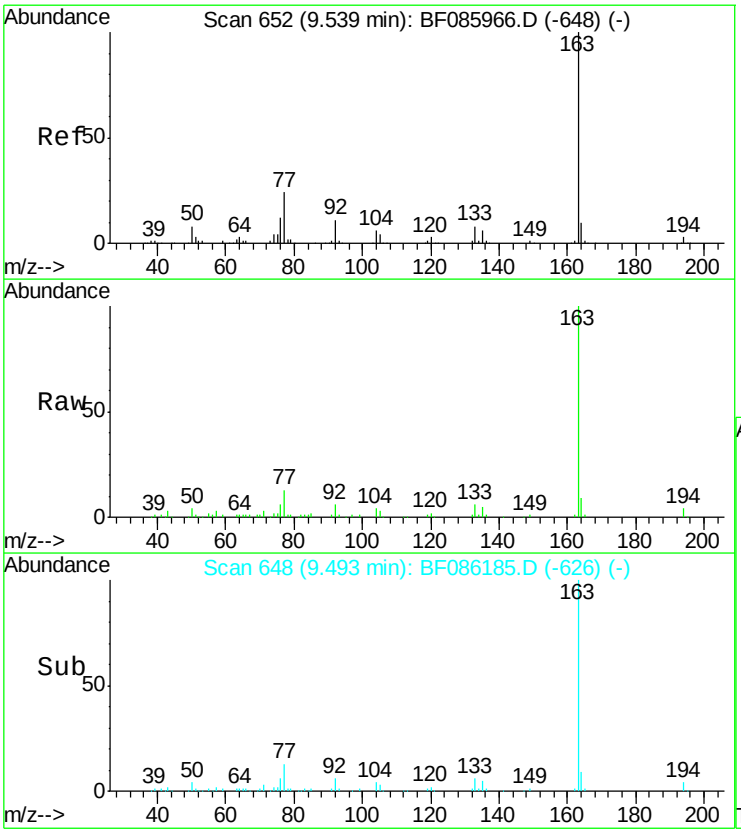
#44
2-Fluorobiphenyl
Concen: 94.78 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:172 Resp: 1159739

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.8	19.8	29.6

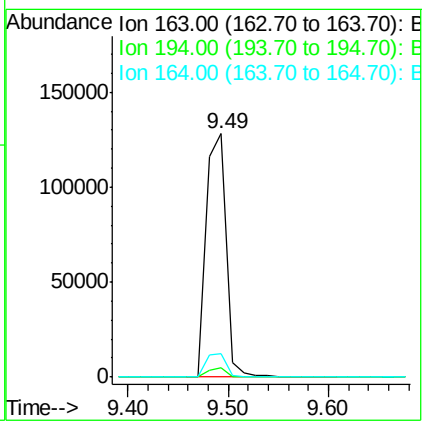


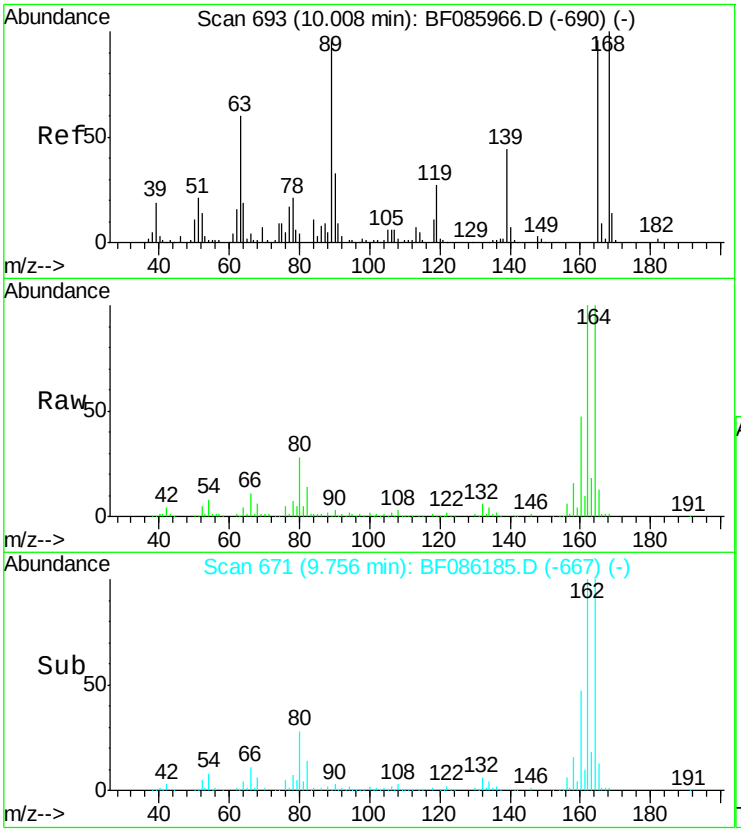


#49
Dimethylphthalate
Concen: 11.74 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:163 Resp: 177089

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.4	8.3	12.5



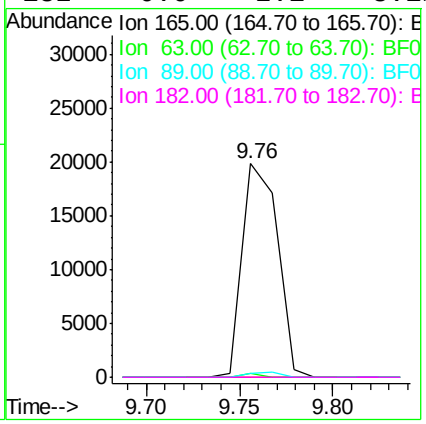


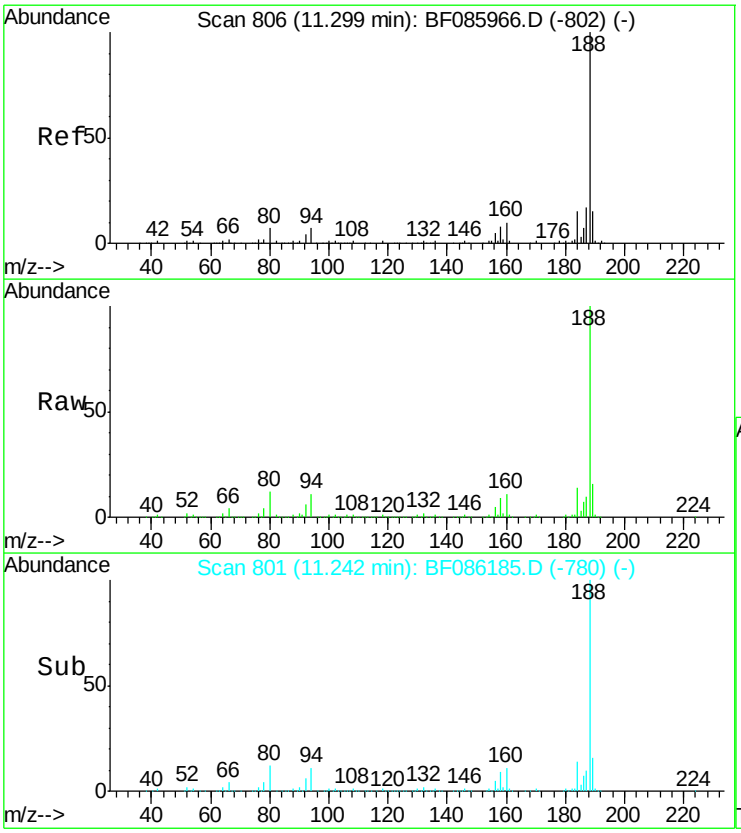
#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:165 Resp: 26015

Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

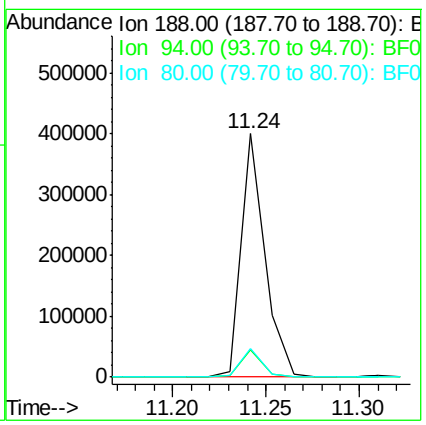


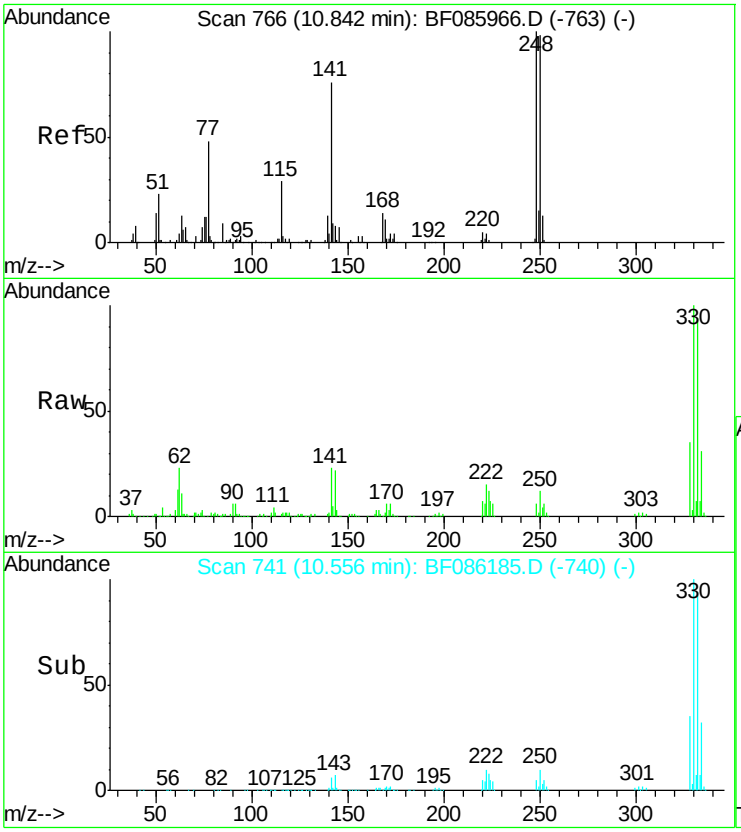


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:188 Resp: 354388

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.4	8.0#
80	11.9	5.5	8.3#



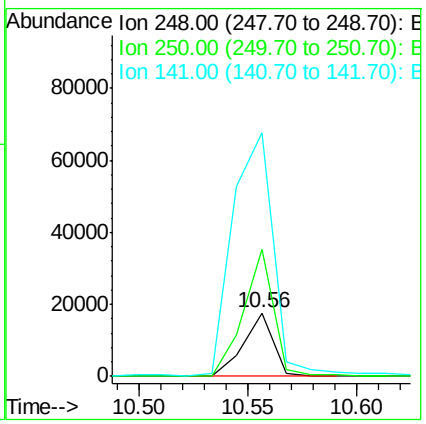


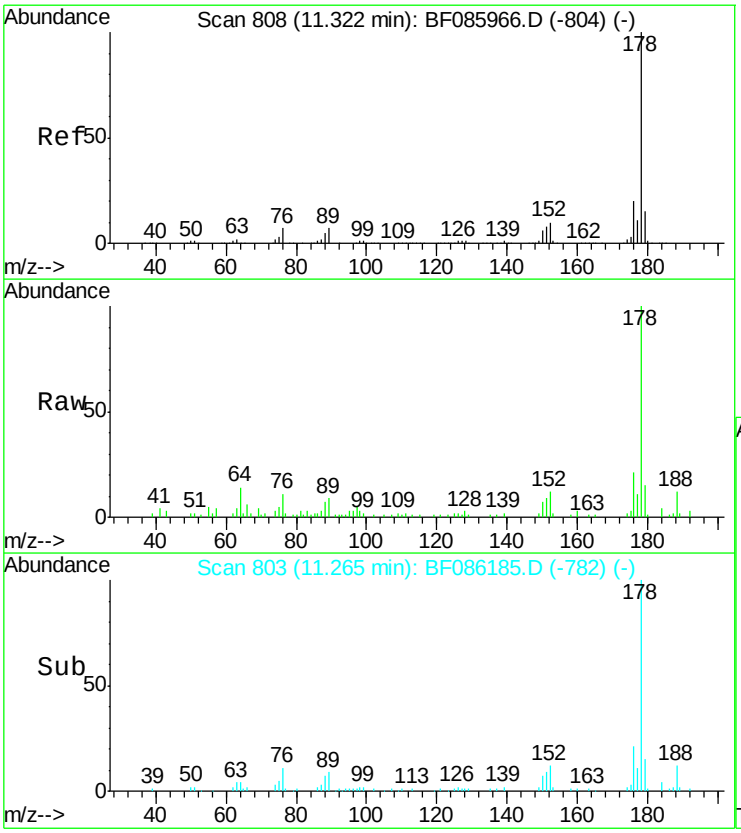
#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:248 Resp: 16700

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.4	116.0#
141	381.9	63.6	95.4#

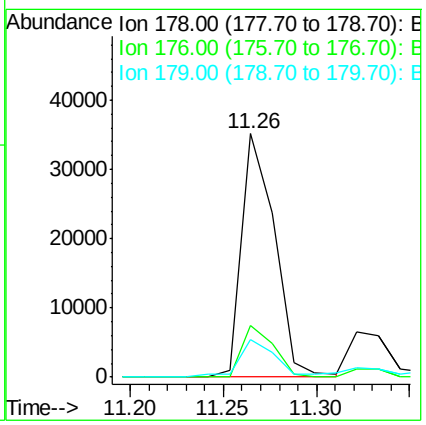


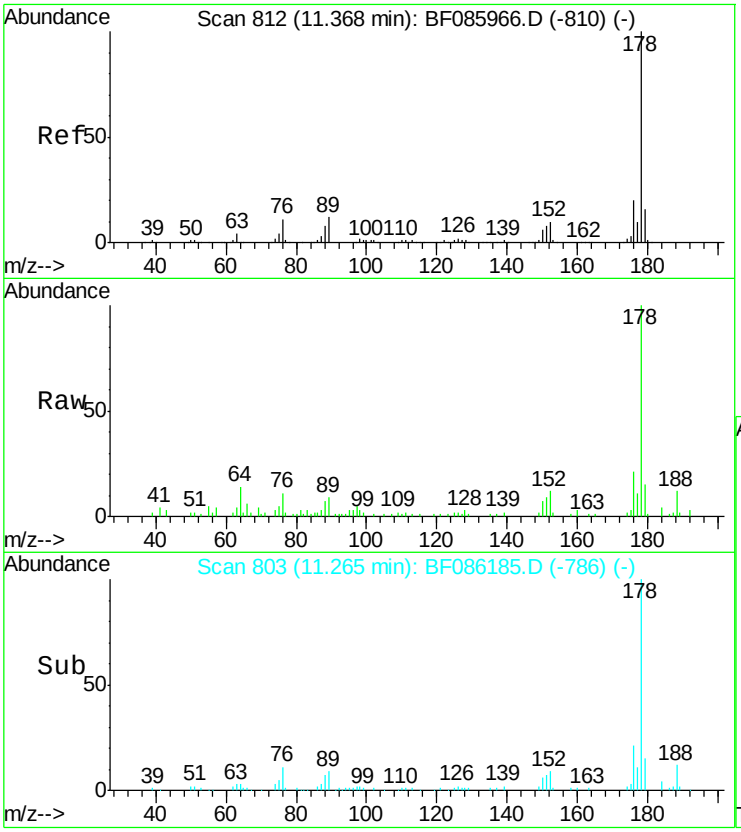


#70
Phenanthrene
Concen: 2.24 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:178 Resp: 43256

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.3	24.5
179	15.4	12.6	18.8



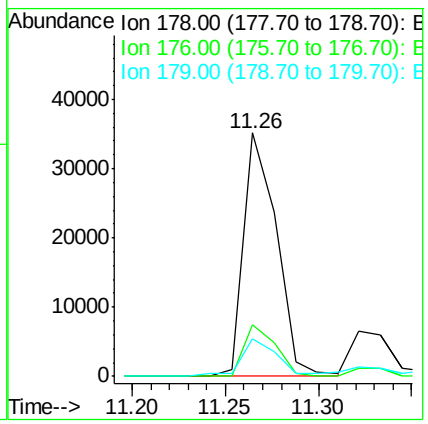


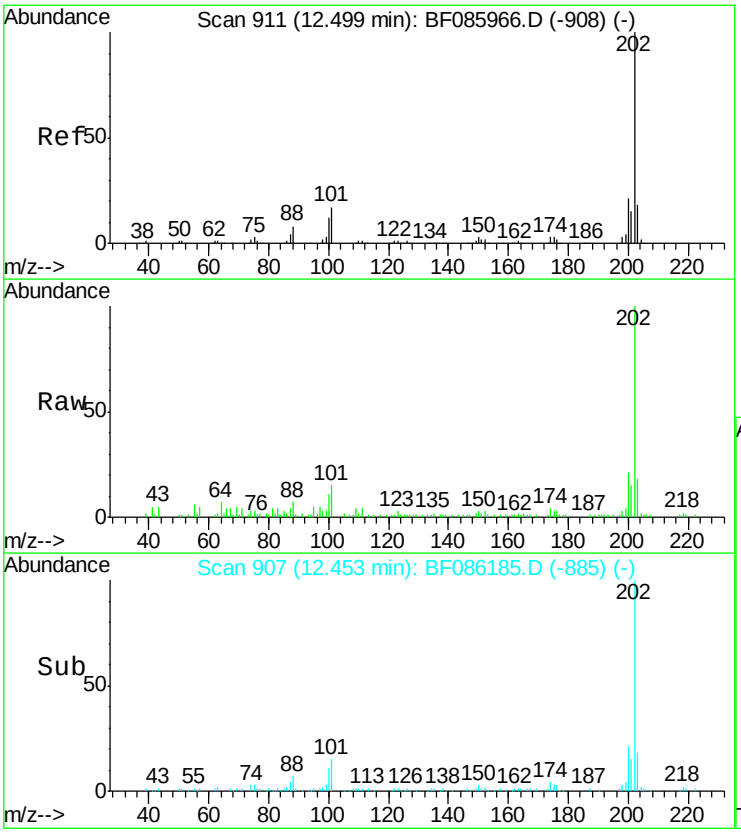
#71
Anthracene
Concen: 2.14 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.10 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:178 Resp: 43256

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	15.4	13.0	19.4

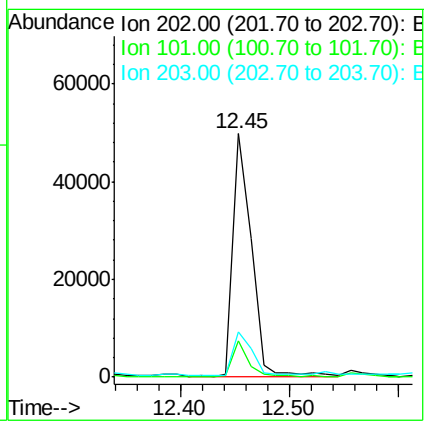


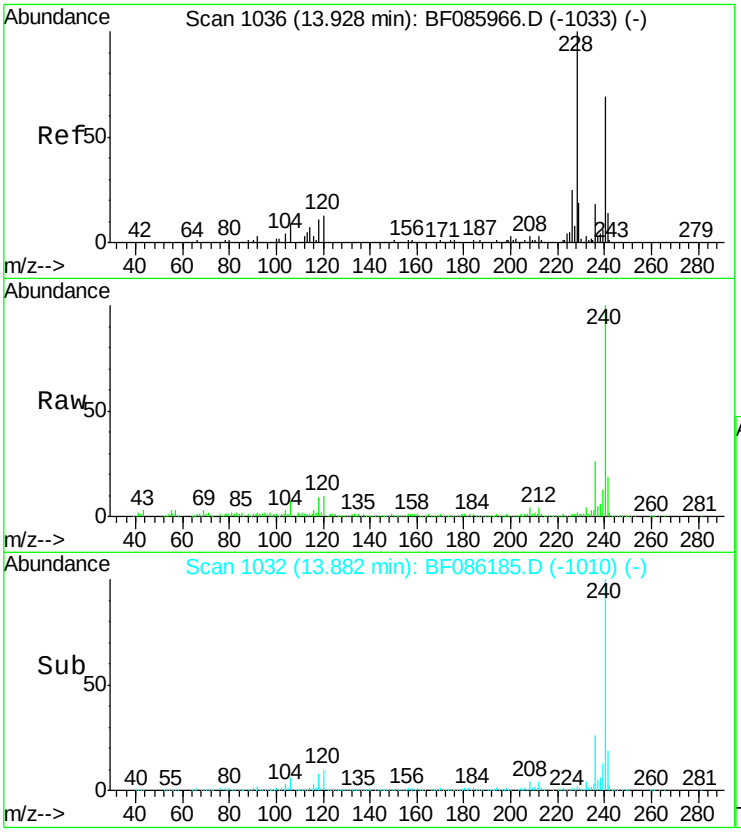


#74
Fluoranthene
Concen: 2.92 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:202 Resp: 58800

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	36.6
203	18.4	0.0	38.1



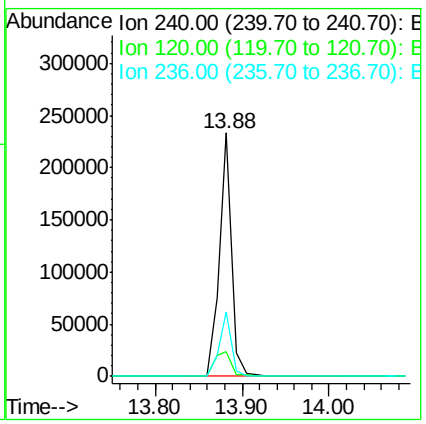


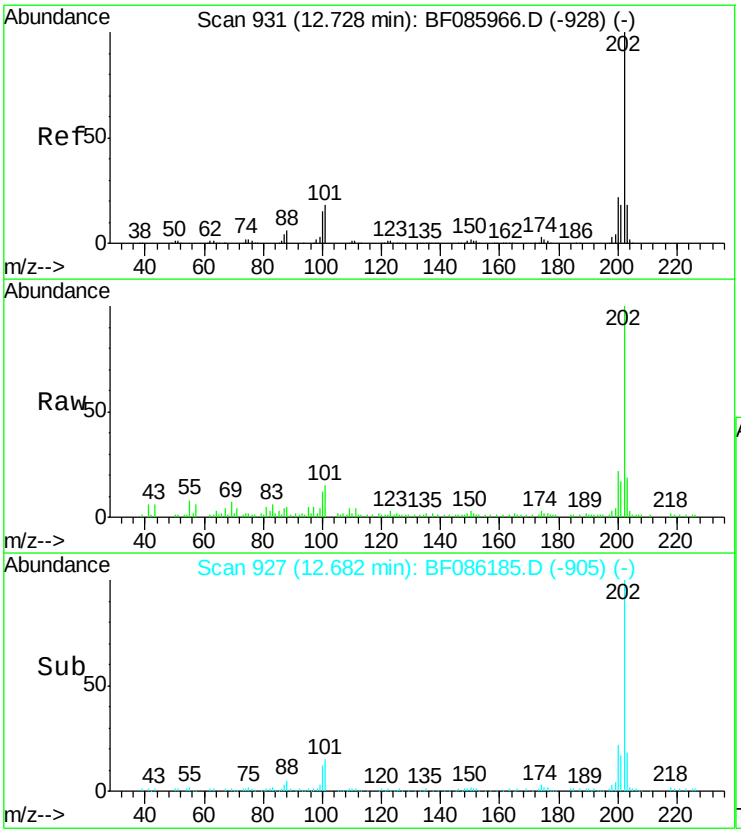
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:240 Resp: 233421

Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.8	20.8#
236	26.3	20.6	30.8

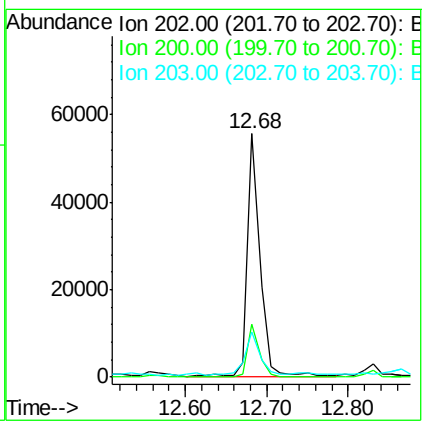


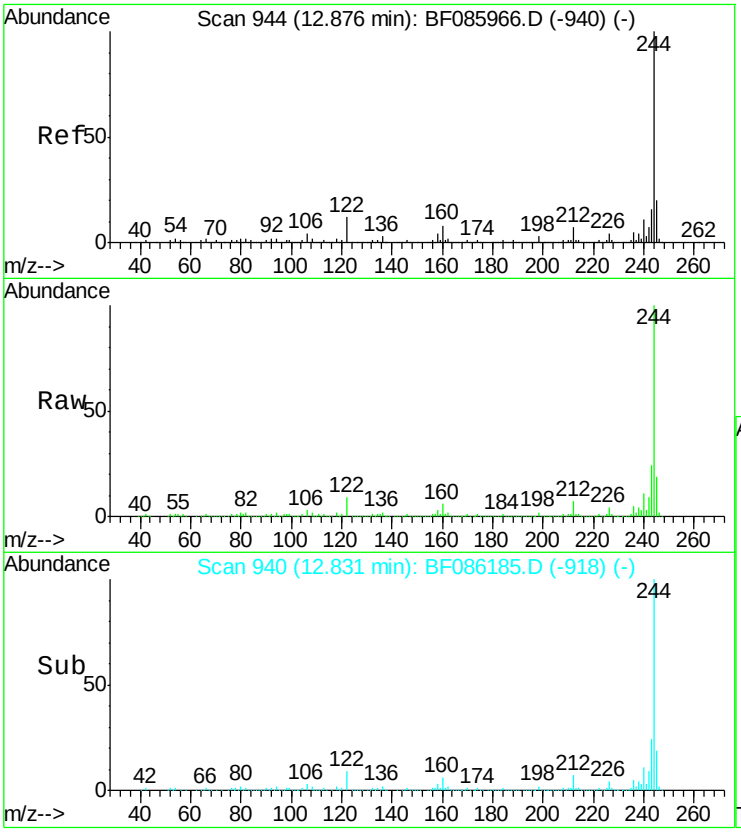


#77
Pyrene
Concen: 3.70 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:202 Resp: 60928

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.8	14.0	21.0



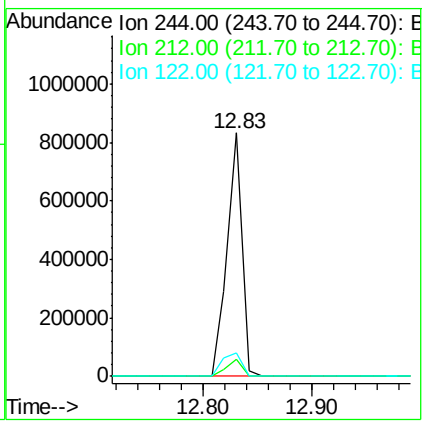


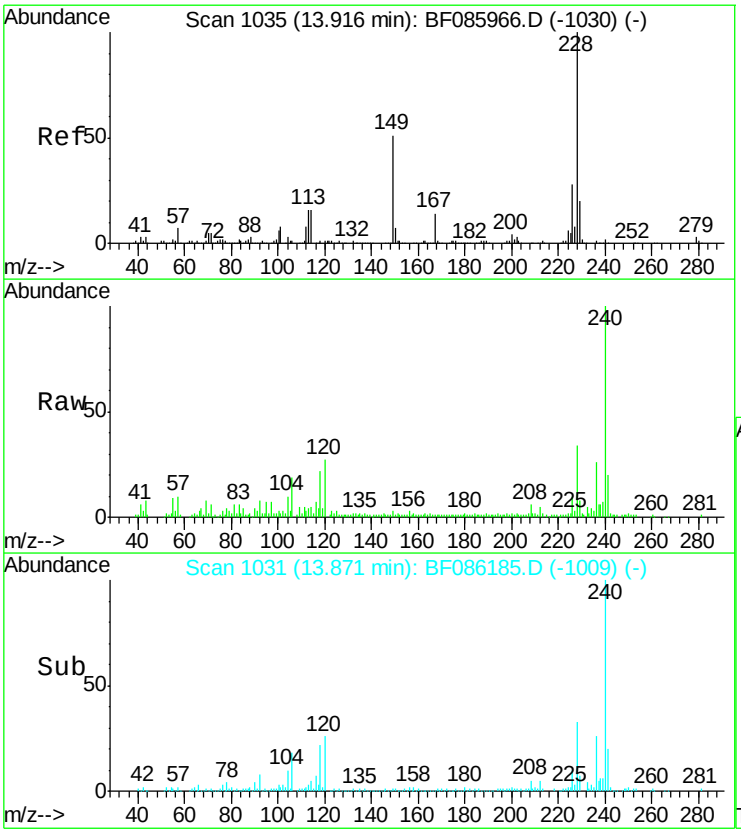
#78
Terphenyl-d14
Concen: 79.50 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:244 Resp: 789465

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.4	10.2	15.4#

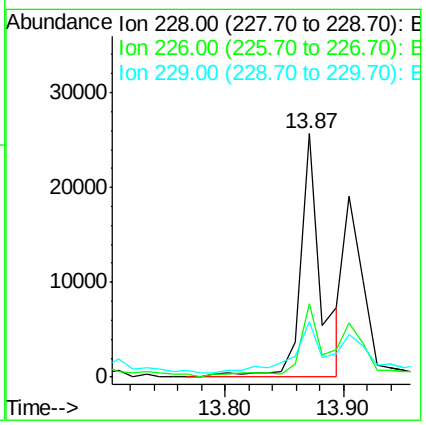


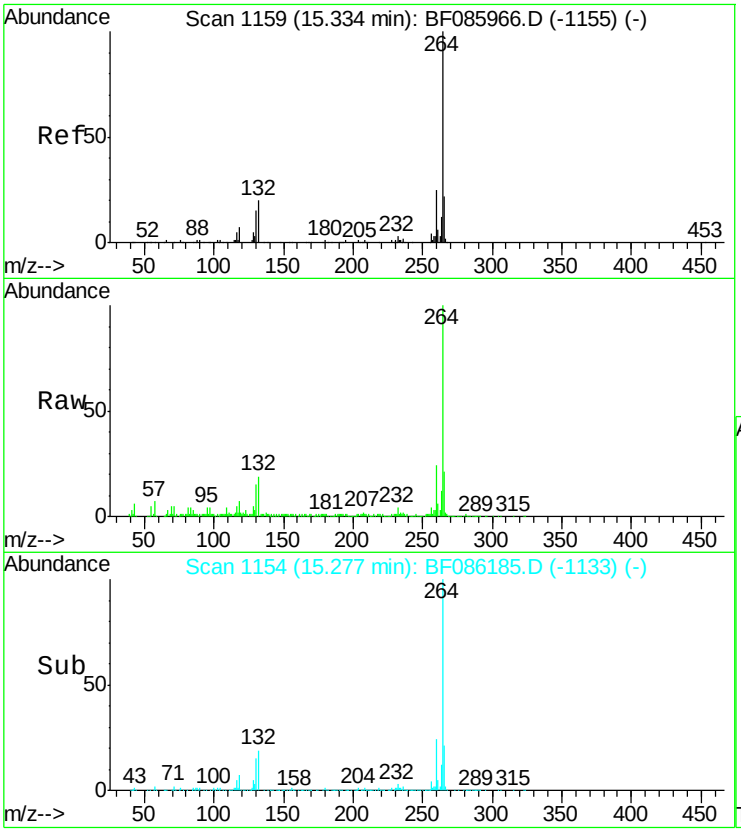


#80
Benzo(a)anthracene
Concen: 2.23 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:228 Resp: 30728

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	22.8	16.2	24.4



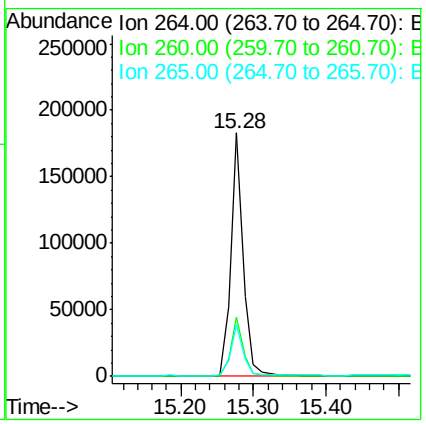


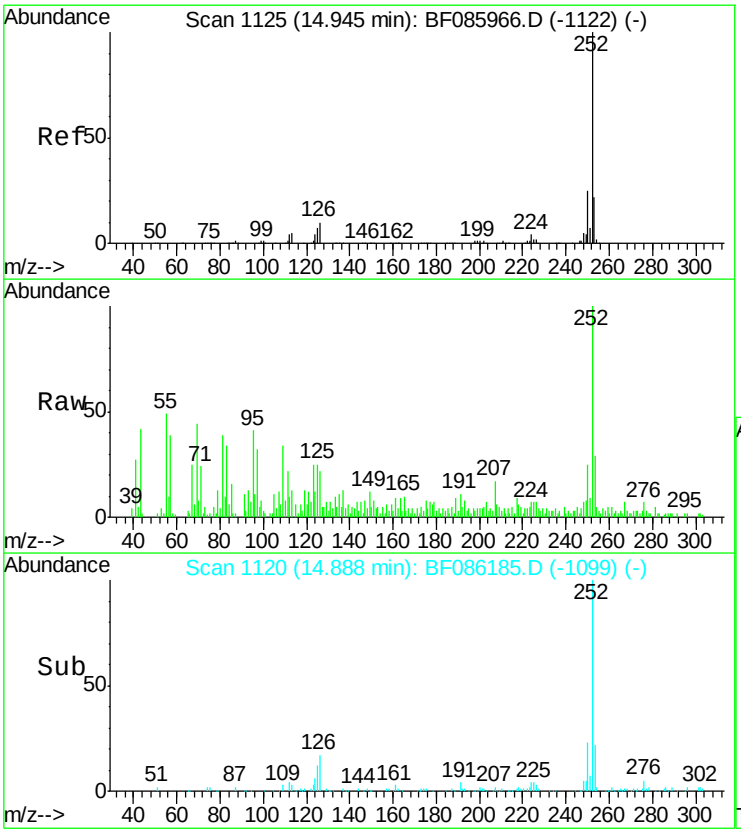
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:264 Resp: 216811

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.1	17.2	25.8

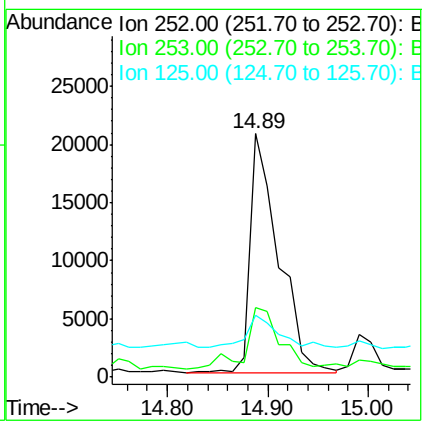


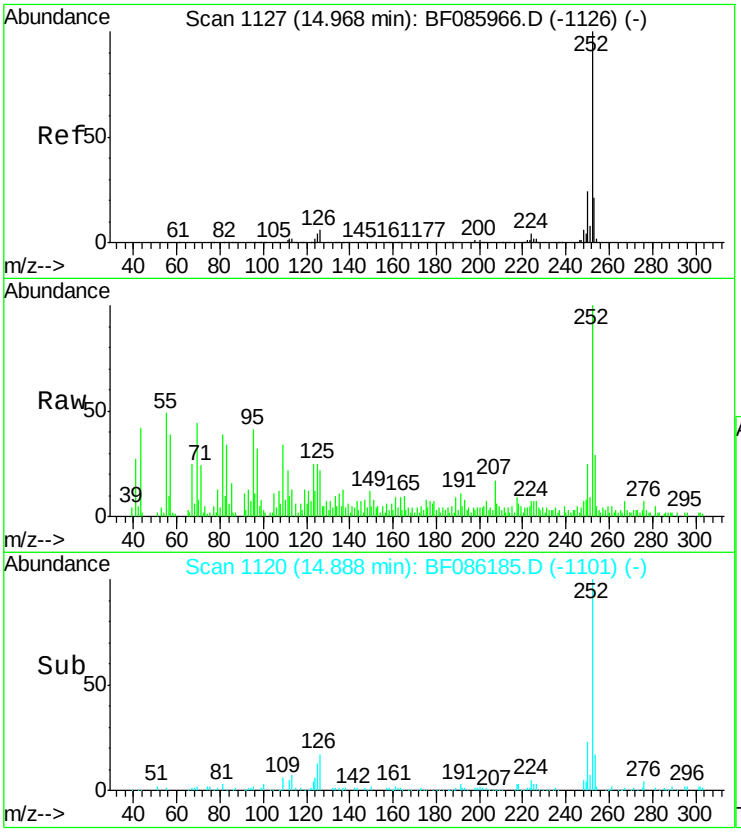


#87
Benzo(b)fluoranthene
Concen: 2.93 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Tgt Ion:252 Resp: 39920

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.6	26.4#
125	25.4	10.3	15.5#





#88
Benzo(k)fluoranthene
Concen: 3.31 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF086185.D
Acq: 8 Apr 2016 23:13

Instrument :
BNA_F
ClientSampleId :
B-4PCOMP

Tgt Ion:252 Resp: 39920

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.6#
125	25.4	7.7	11.5#