Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086105.D
Acq On : 6 Apr 2016 18:37
Operator : UM/SJ
Sample : H2254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-15

Quant Time: Apr 07 01:11:40 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	6.74	152	156701	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	635432	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	280773	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	507191	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	311529	20.00	ng		-0.03
86) Perylene-d12	15.30	264	323575	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	952654	103.92	ng		-0.02
7) Phenol-d6	6.40	99	1242420	106.70	ng		-0.02
23) Nitrobenzene-d5	7.31	82	671071	62.28	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	263840	100.12	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	1009612	59.79	ng		-0.03
78) Terphenyl-d14	12.84	244	821440	61.98	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	17888	2.85	ng		84
19) n-Nitroso-di-n-propylamine	7.31	70	88592	12.27	ng	#	77
25) Isophorone	7.31	82	577436	27.15	ng	#	68
49) Dimethylphthalate	9.50	163	244681	11.76	ng		99
56) 2,4-Dinitrotoluene	9.78	165	36816	6.62	ng	#	37
66) 4-Bromophenyl-phenylether	10.57	248	16647	3.21	ng	#	1
74) Fluoranthene	12.48	202	70674	2.46	ng		89
77) Pyrene	12.71	202	129109	5.88	ng		97
80) Benzo(a)anthracene	13.88	228	52359	2.85	ng		98
82) Chrysene	13.88	228	52359	2.96	ng		96
87) Benzo(b)fluoranthene	14.91	252	60349	2.96	ng		96
88) Benzo(k)fluoranthene	14.91	252	60349	3.35	ng	#	94
89) Benzo(a)pyrene	15.24	252	42492	2.36	ng		99

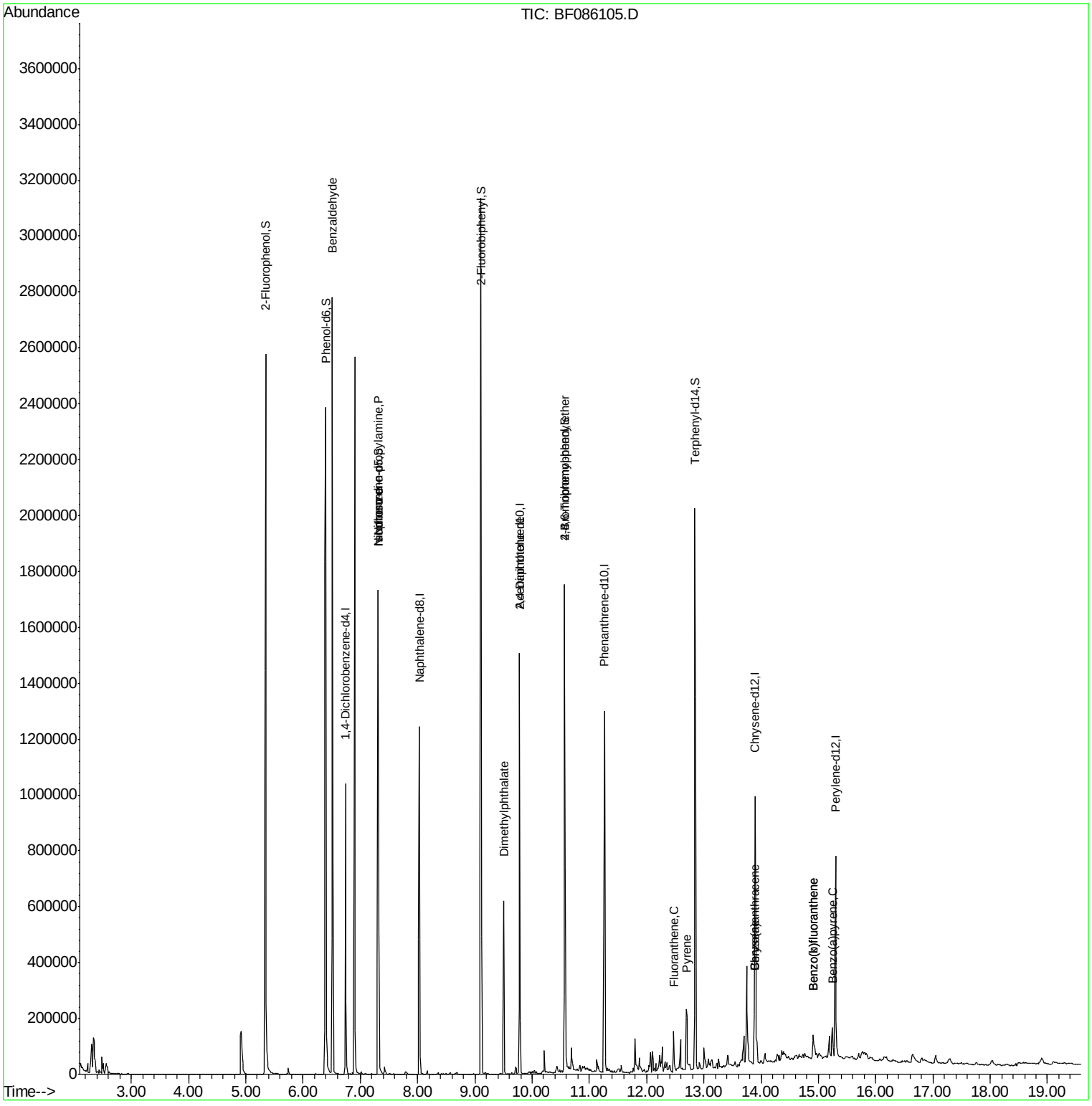
(#) = qualifier out of range (m) = manual integration (+) = signals summed

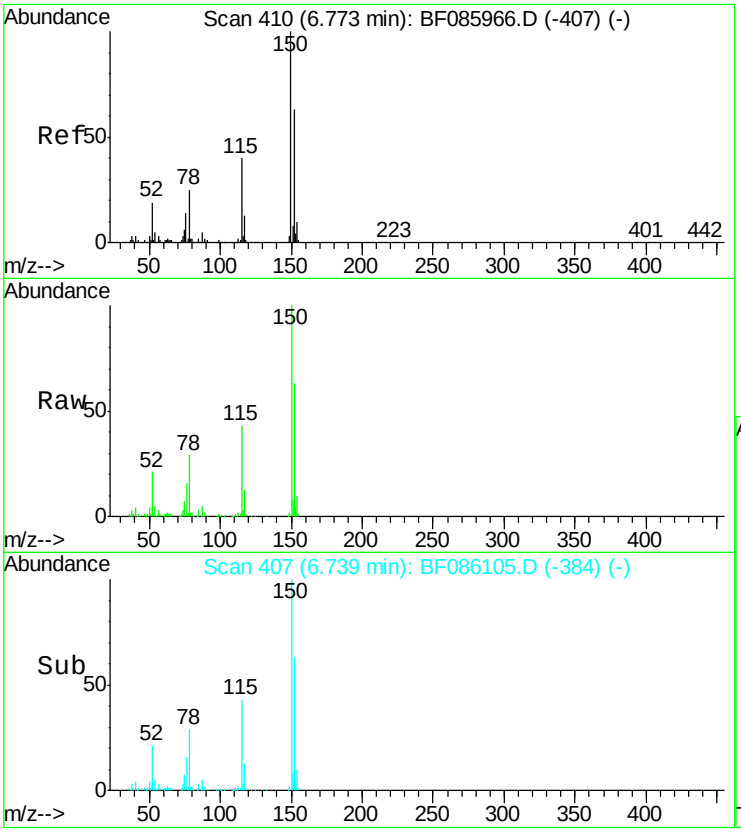
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086105.D
Acq On : 6 Apr 2016 18:37
Operator : UM/SJ
Sample : H2254-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-15

Quant Time: Apr 07 01:11:40 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



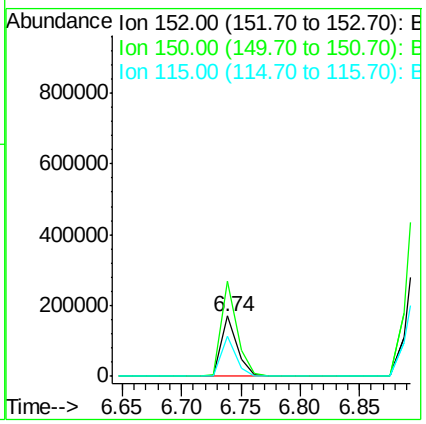


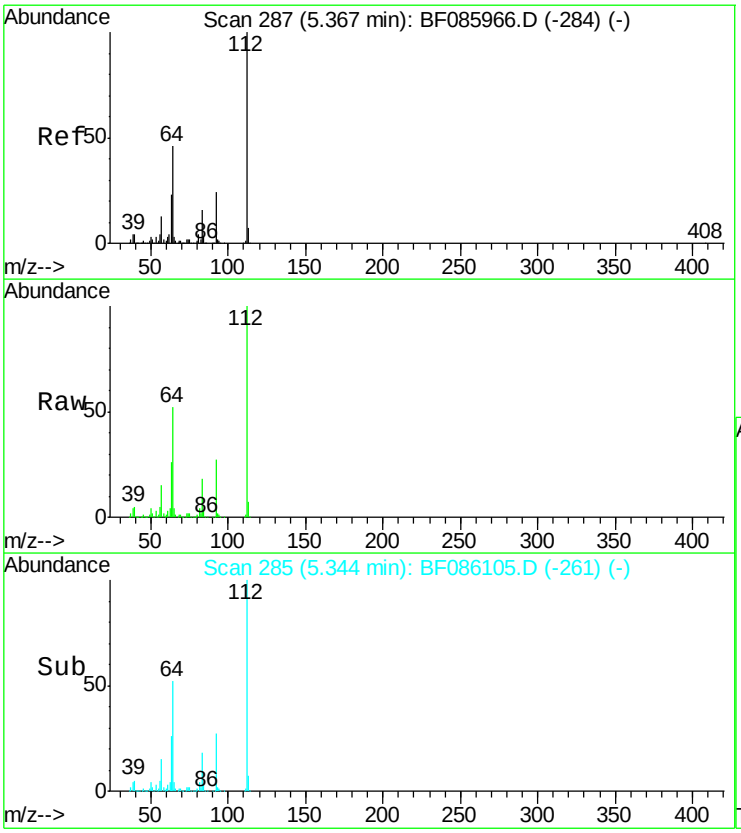
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:152 Resp: 156701

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.2	186.2
115	67.6	47.0	70.6

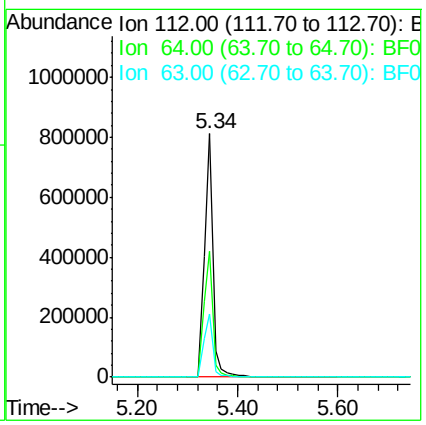


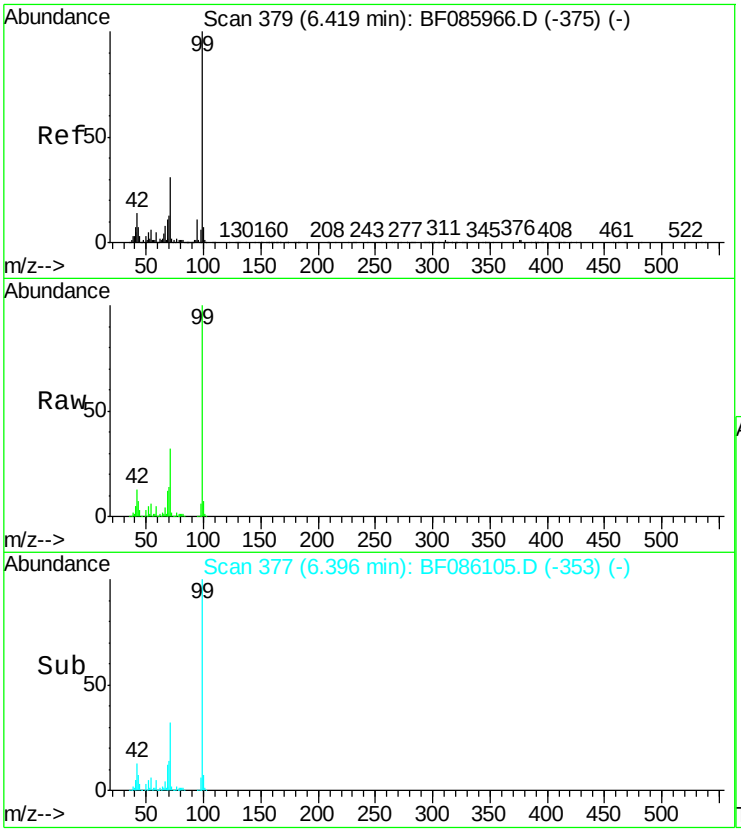


#5
2-Fluorophenol
Concen: 103.92 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:112 Resp: 952654

Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.9	59.9
63	26.0	20.2	30.2



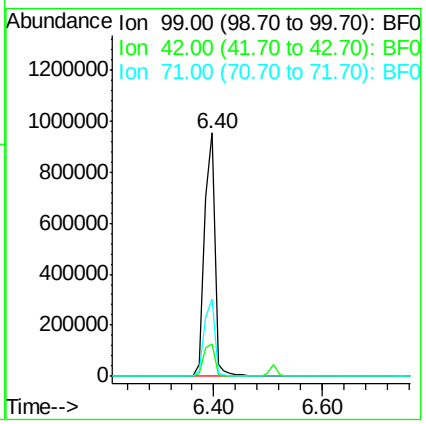


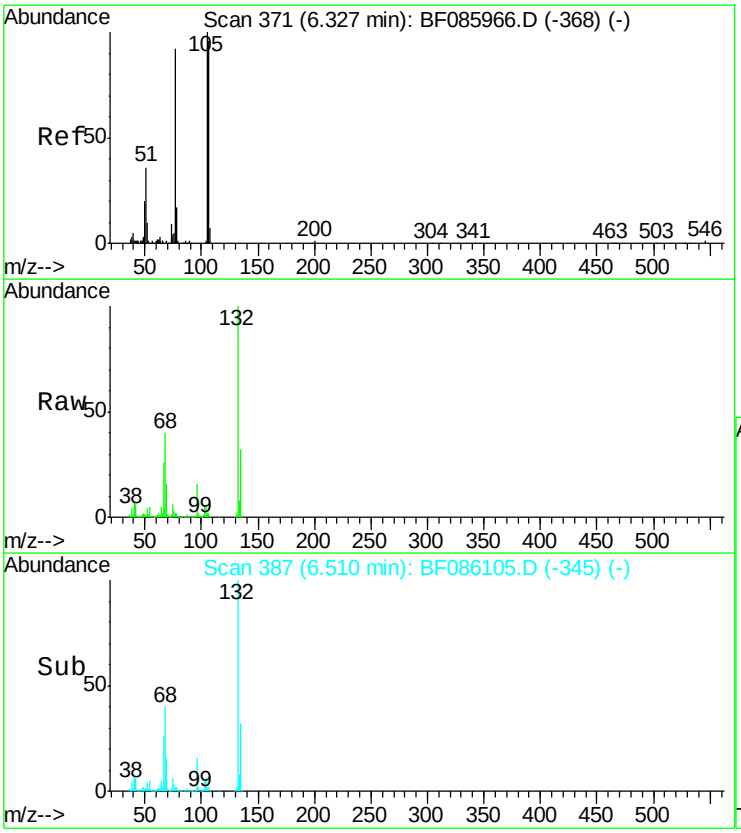
#7
Phenol-d6
Concen: 106.70 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion: 99 Resp: 1242420

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.1	16.7
71	31.8	24.9	37.3

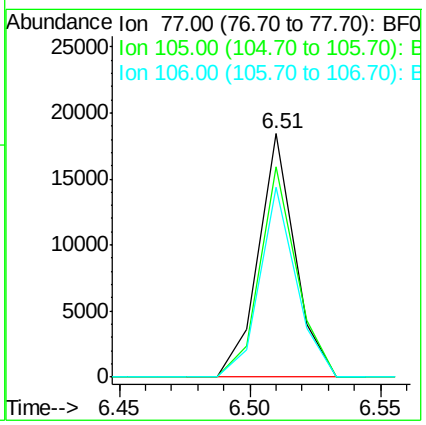


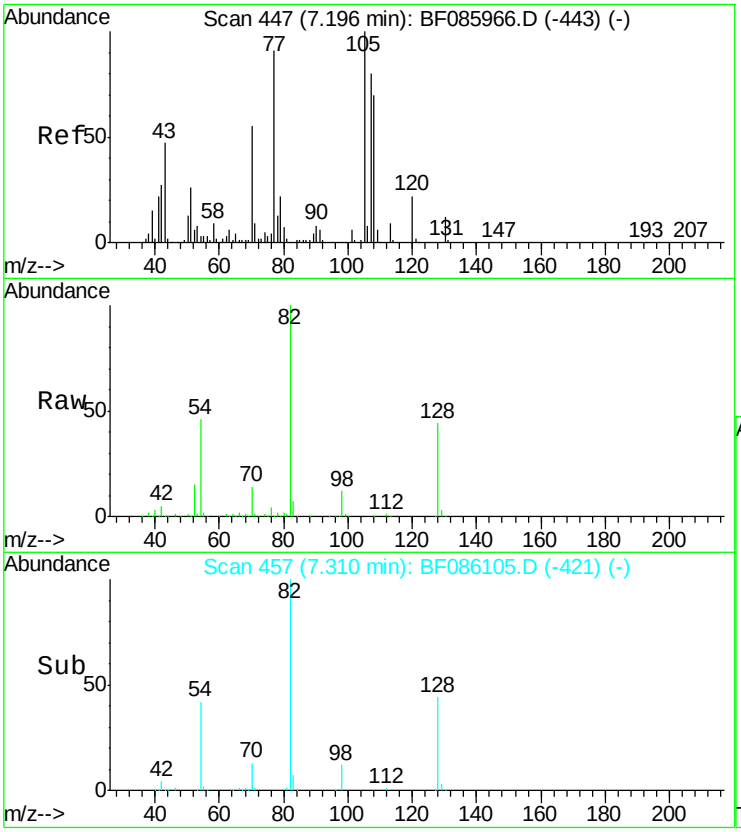


#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.18 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion: 77 Resp: 17888

Ion	Ratio	Lower	Upper
77	100		
105	86.4	80.1	120.1
106	77.9	75.0	115.0



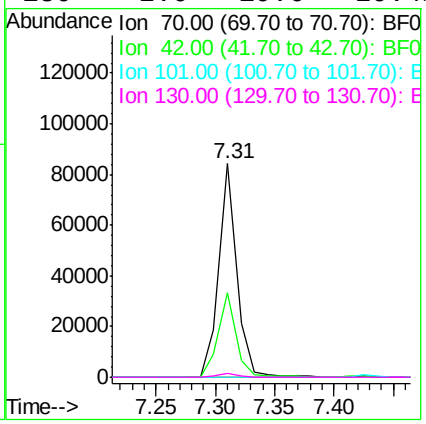


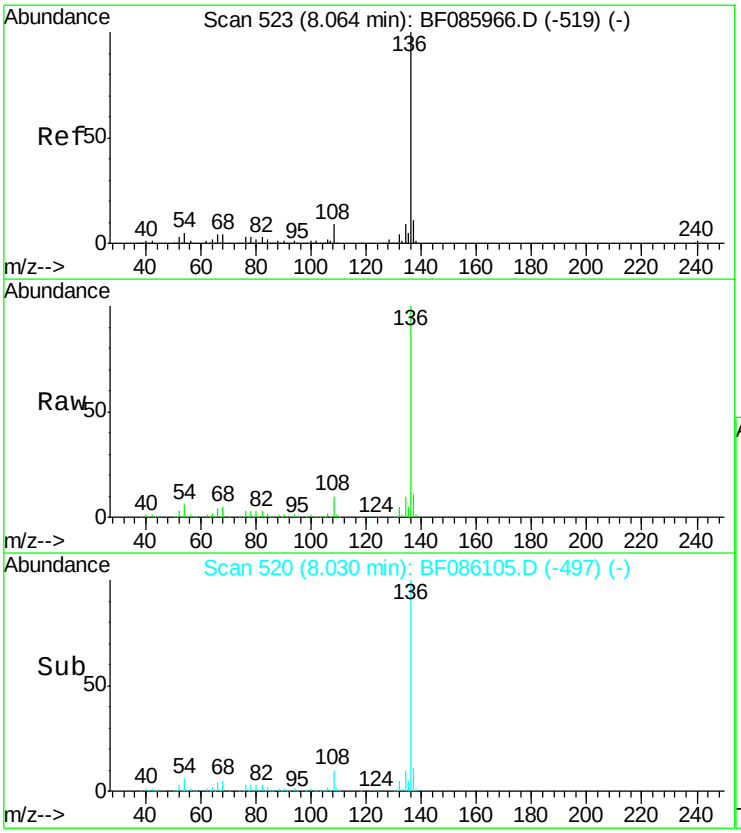
#19
n-Nitroso-di-n-propylamine
Concen: 12.27 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion: 70 Resp: 88592

Ion	Ratio	Lower	Upper
70	100		
42	39.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.0	19.6	29.4#

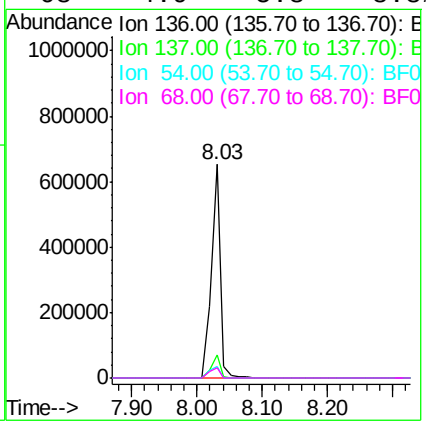


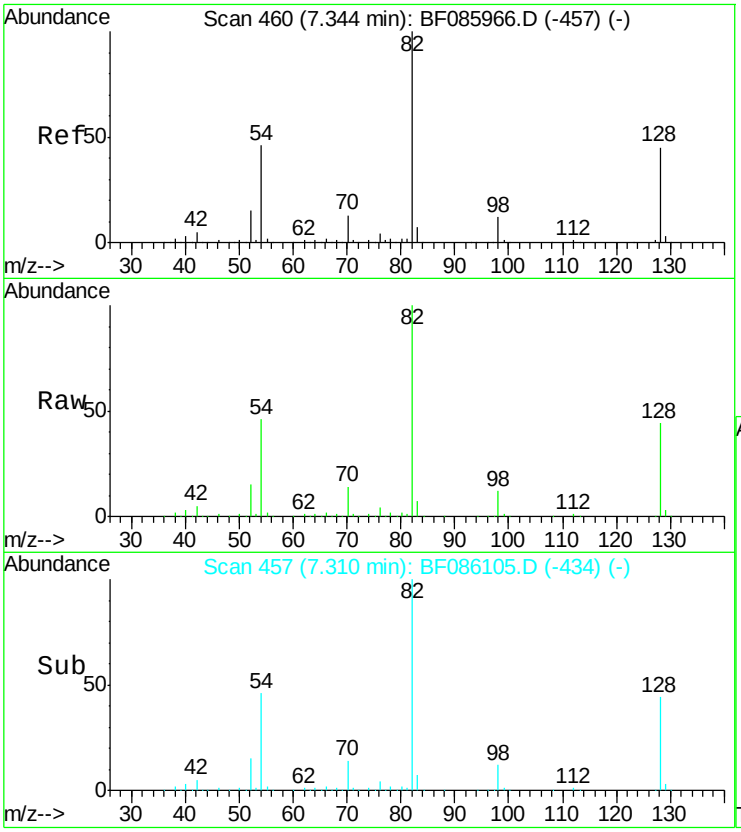


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:136 Resp: 635432

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	5.6	7.4	11.0#
68	4.9	5.8	8.8#



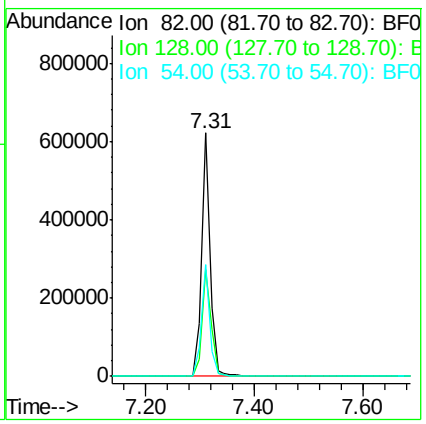


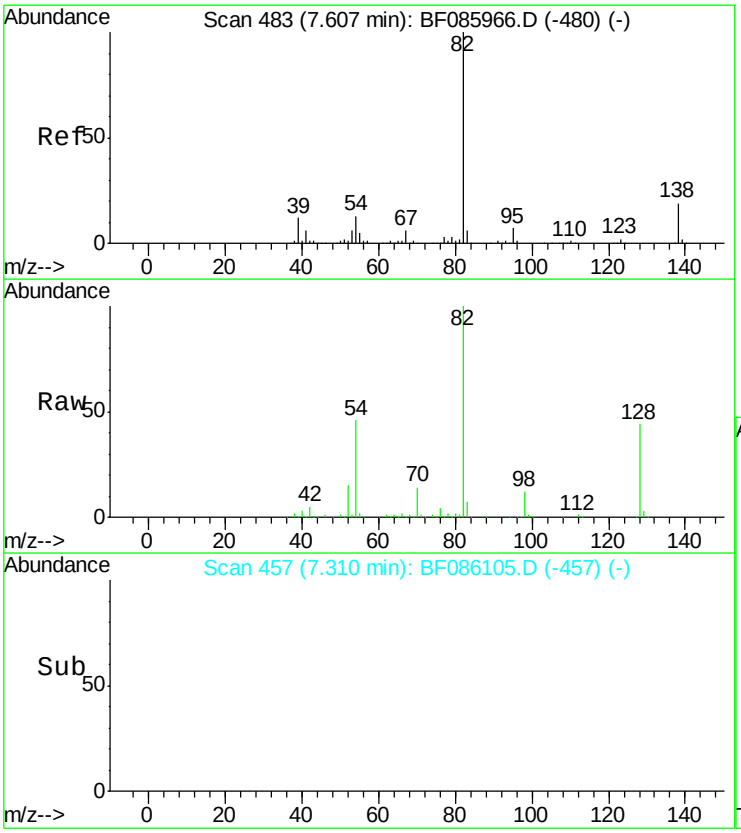
#23
Nitrobenzene-d5
Concen: 62.28 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion: 82 Resp: 671071

Ion	Ratio	Lower	Upper
82	100		
128	44.0	41.8	62.8
54	45.8	33.4	50.0

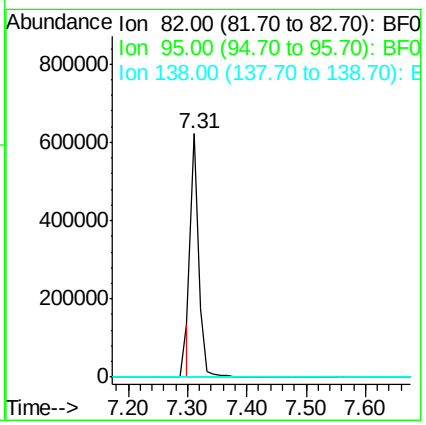


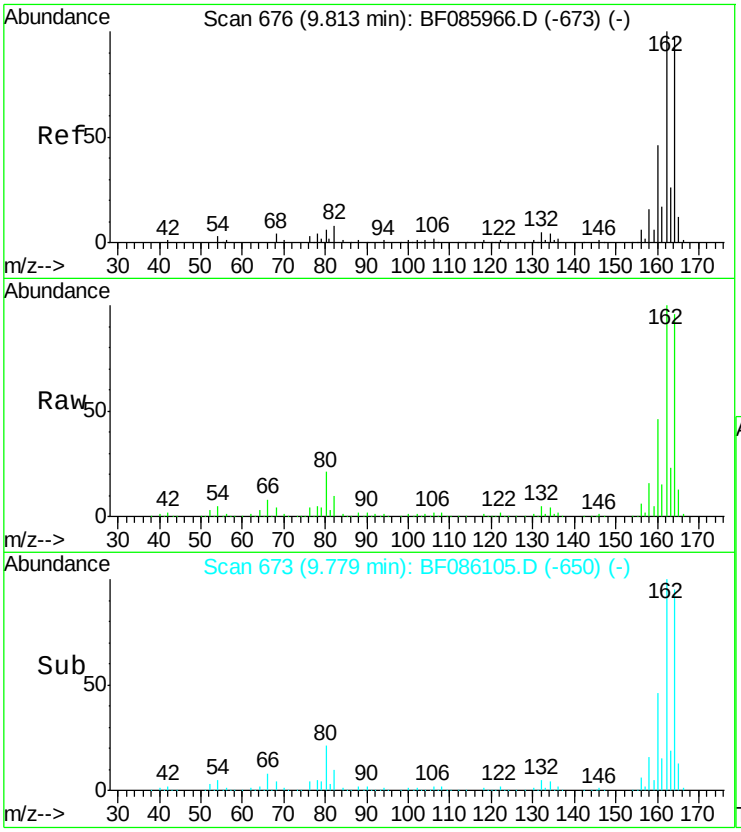


#25
Isophorone
Concen: 27.15 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion: 82 Resp: 577436

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



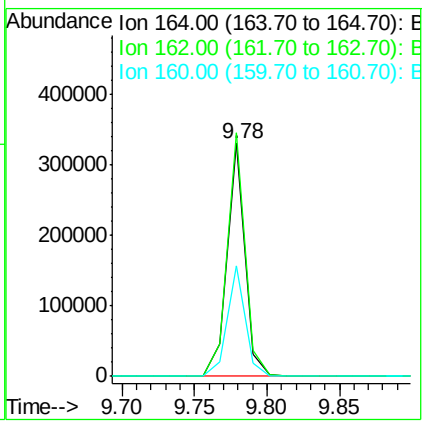


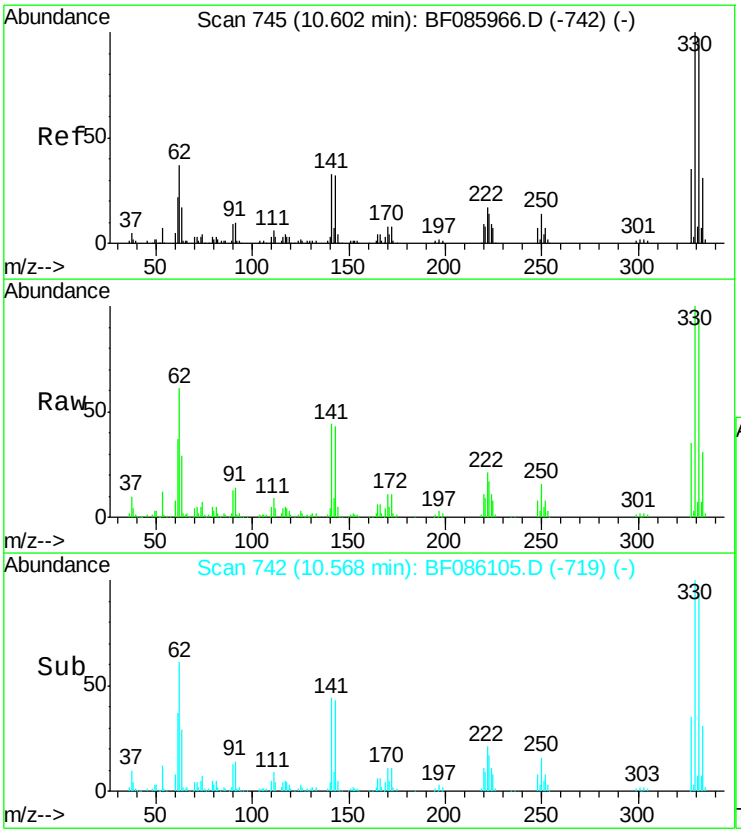
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:164 Resp: 280773

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	47.6	37.4	56.2

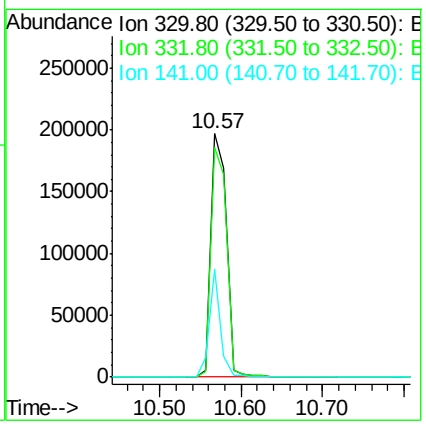


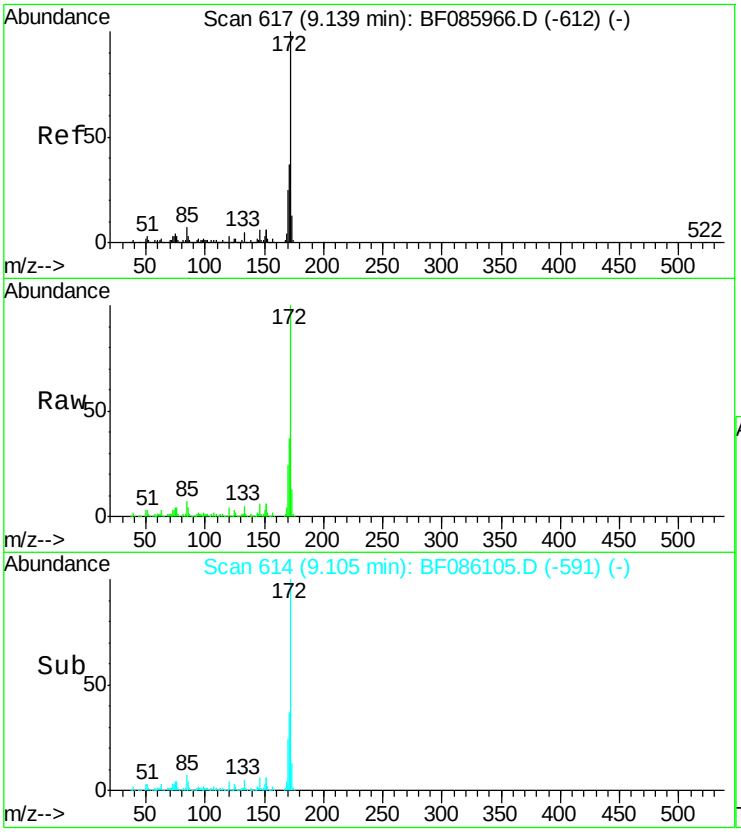


#41
2,4,6-Tribromophenol
Concen: 100.12 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:330 Resp: 263840

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	32.5	31.5	47.3



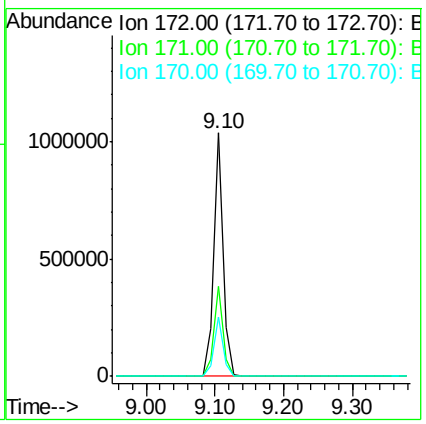


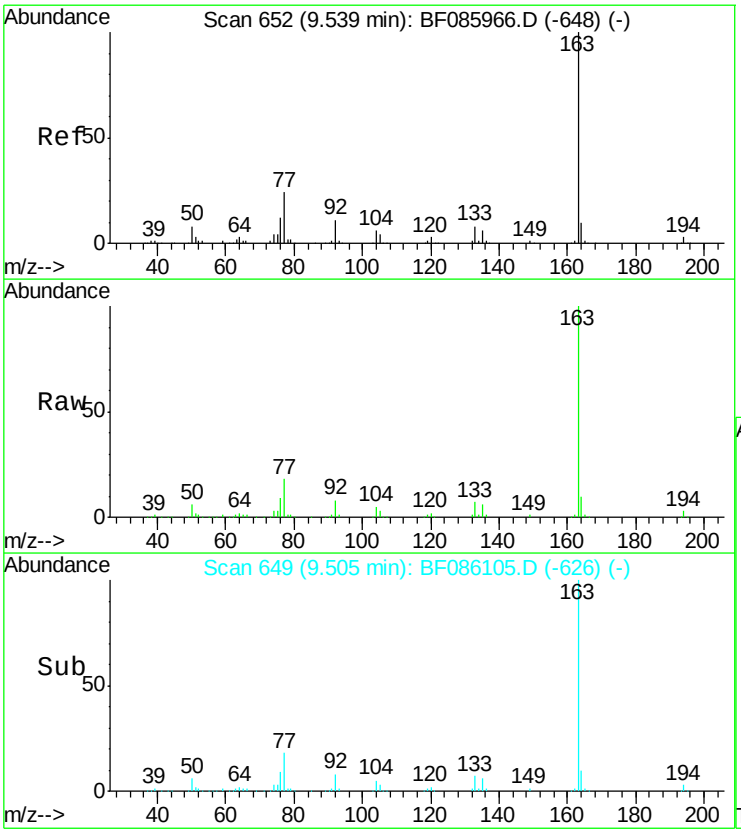
#44
2-Fluorobiphenyl
Concen: 59.79 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:172 Resp: 1009612

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.5	19.8	29.6

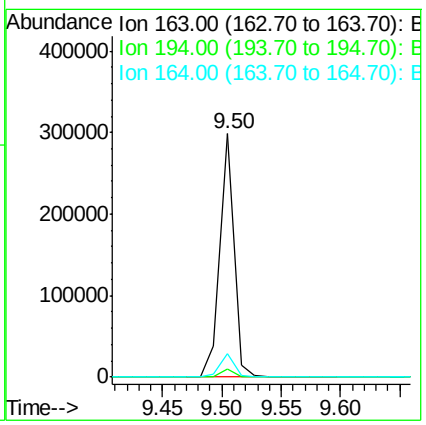


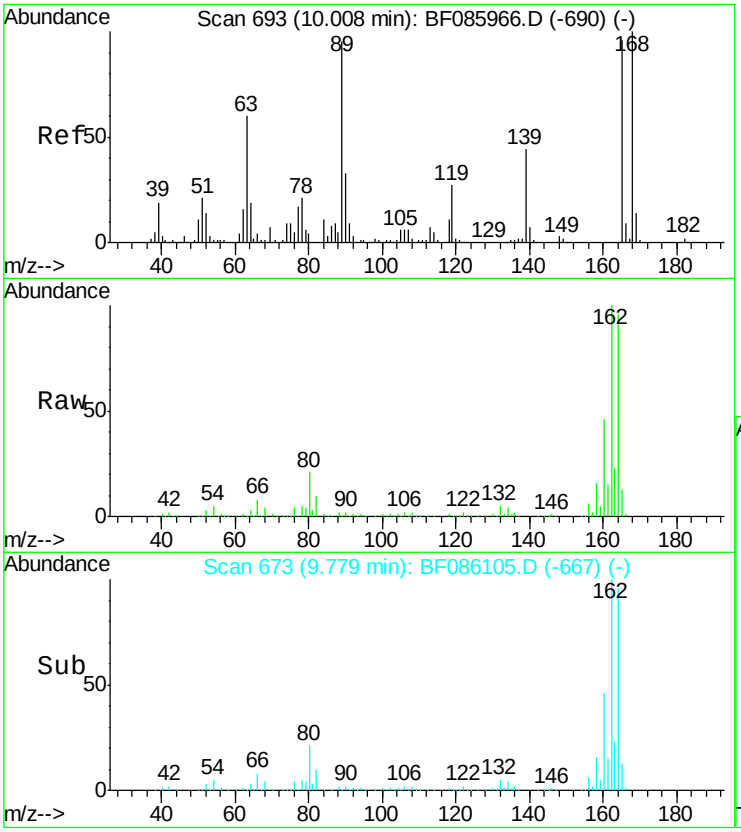


#49
Dimethylphthalate
Concen: 11.76 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:163 Resp: 244681

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.8	8.3	12.5



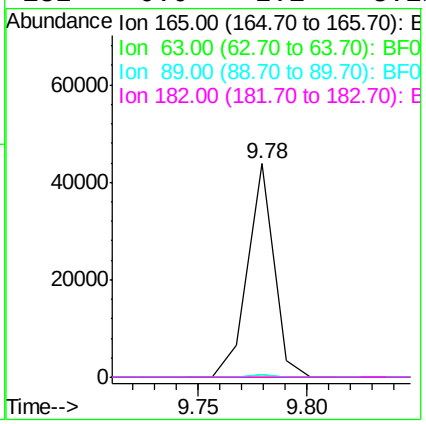


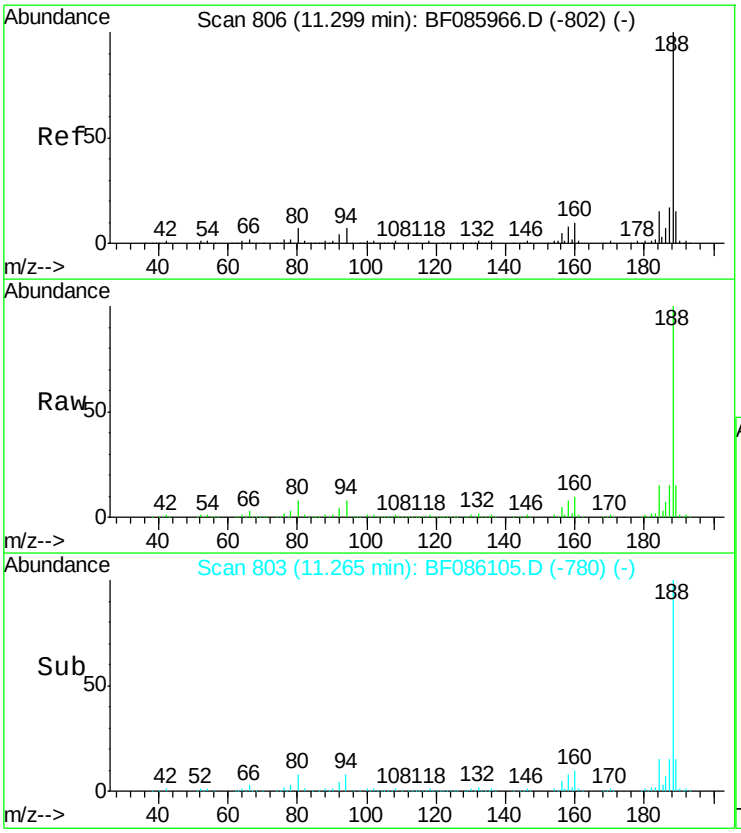
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:165 Resp: 36816

Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

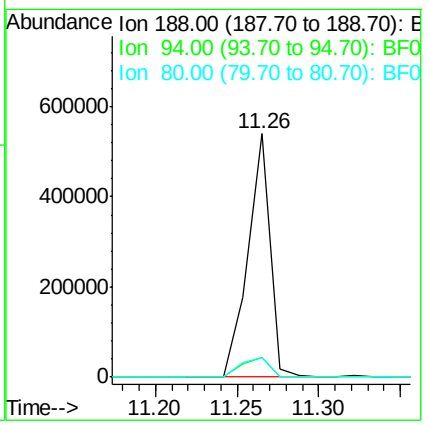


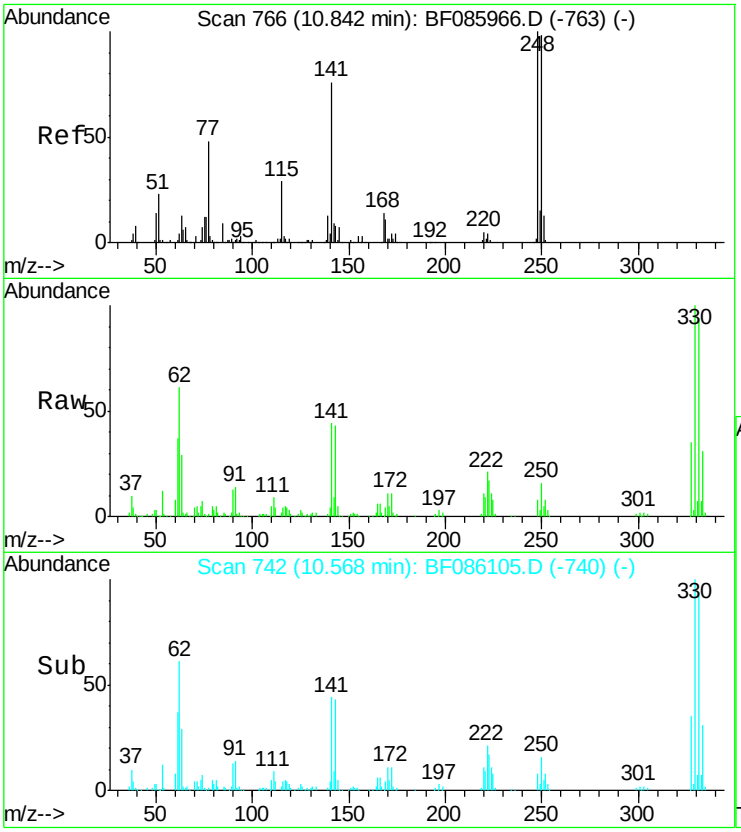


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:188 Resp: 507191

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.4	8.0#
80	8.3	5.5	8.3



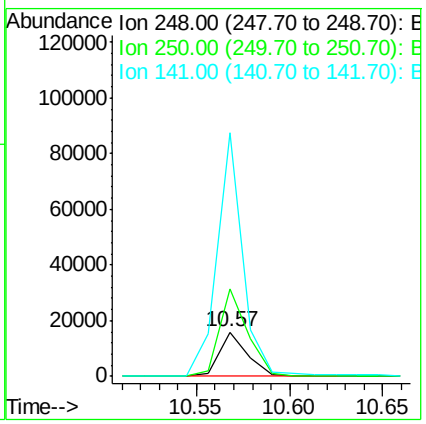


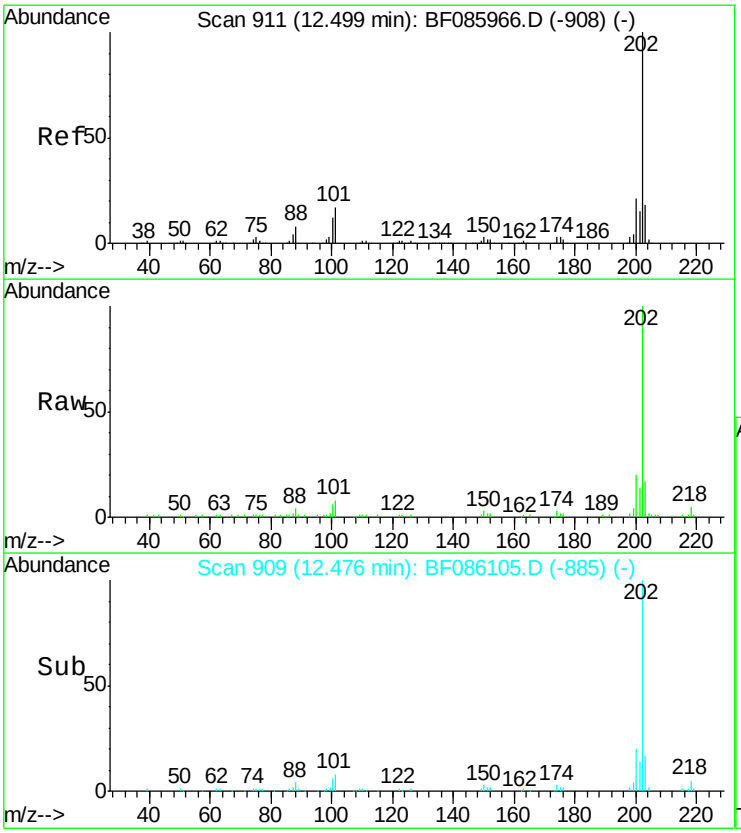
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:248 Resp: 16647

Ion	Ratio	Lower	Upper
248	100		
250	199.3	77.4	116.0#
141	550.8	63.6	95.4#

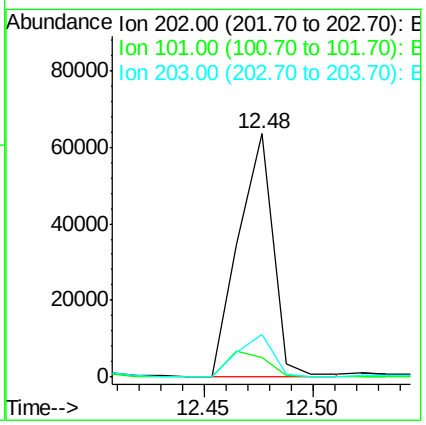


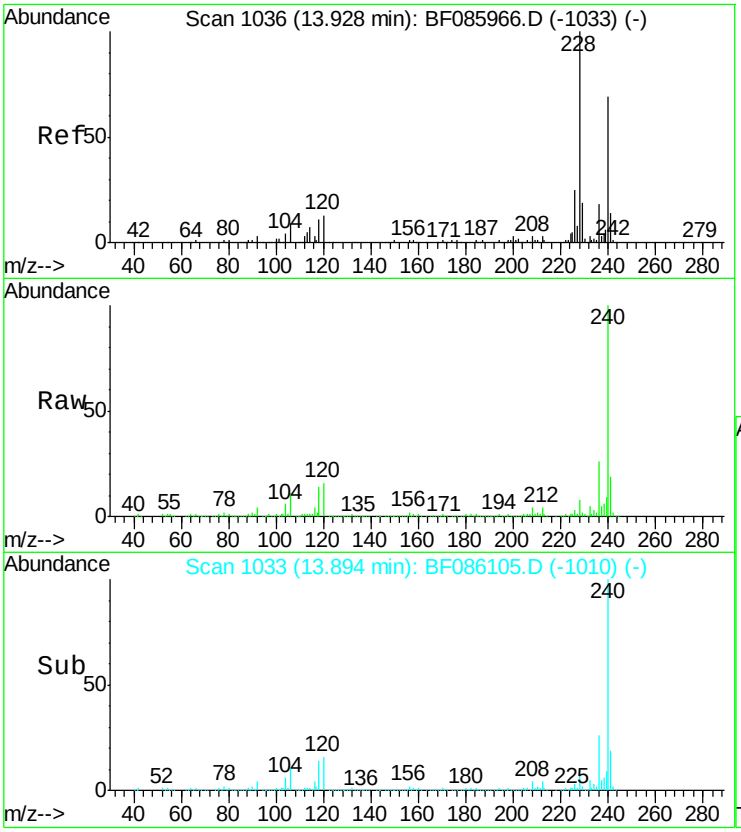


#74
Fluoranthene
Concen: 2.46 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:202 Resp: 70674

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	36.6
203	17.4	0.0	38.1



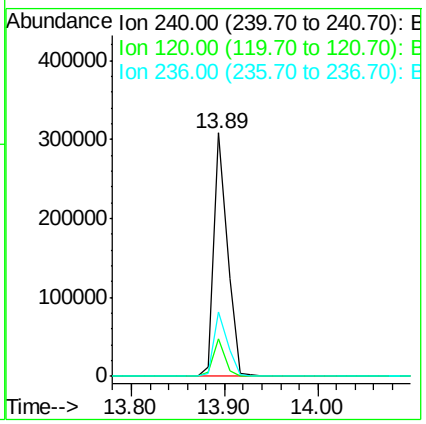


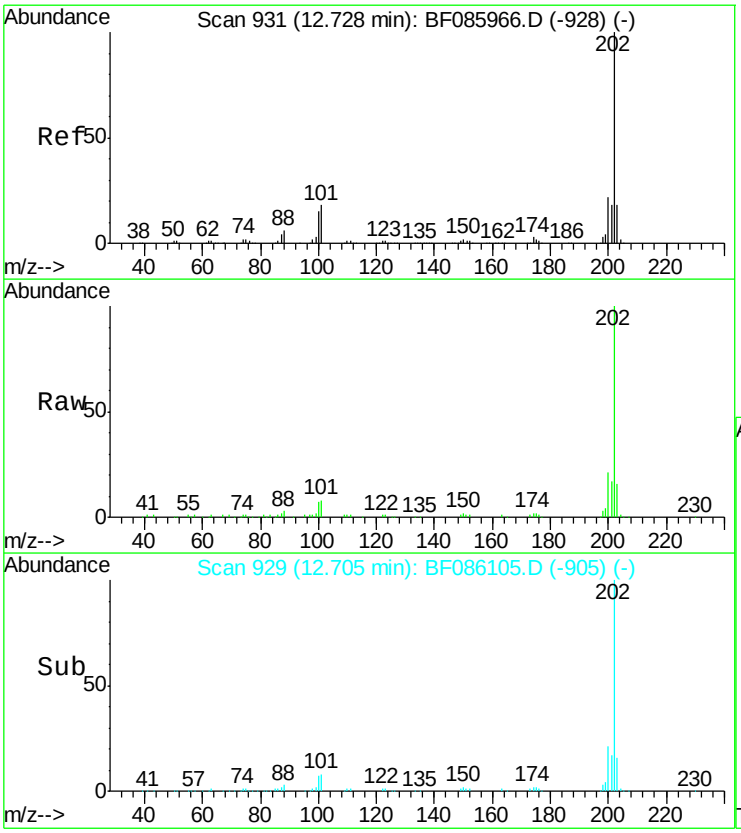
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:240 Resp: 311529

Ion	Ratio	Lower	Upper
240	100		
120	15.7	13.8	20.8
236	26.2	20.6	30.8

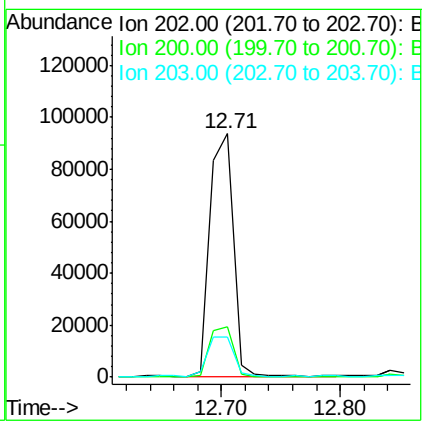


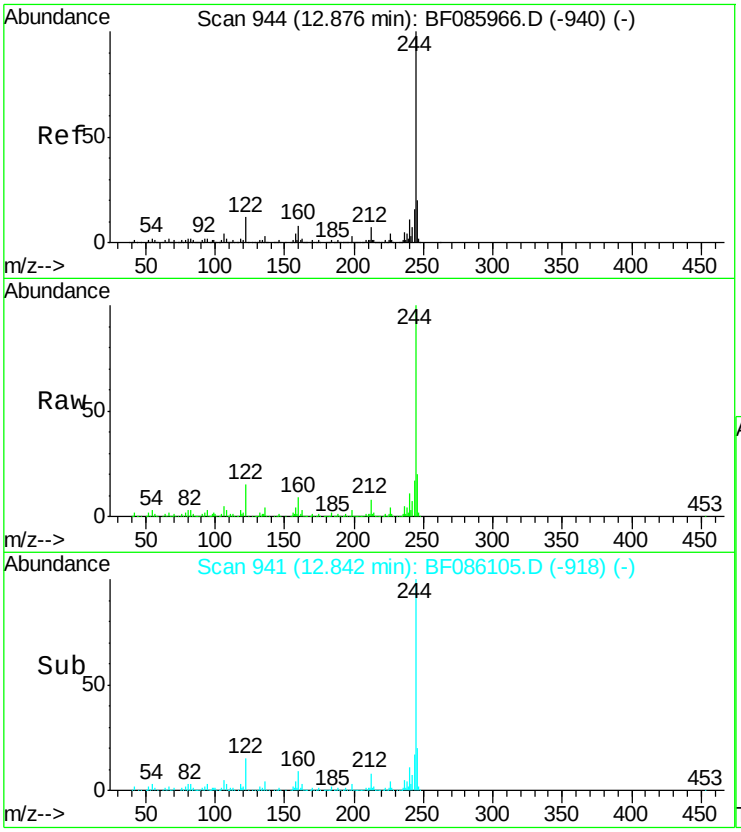


#77
Pyrene
Concen: 5.88 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:202 Resp: 129109

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.4	14.0	21.0



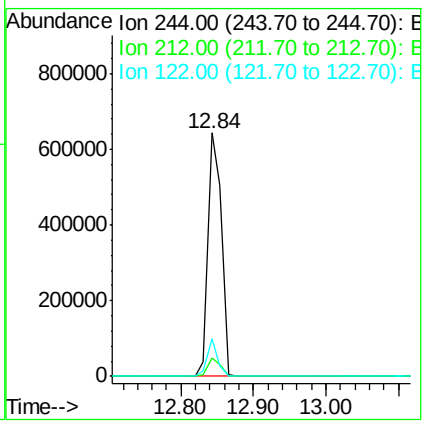


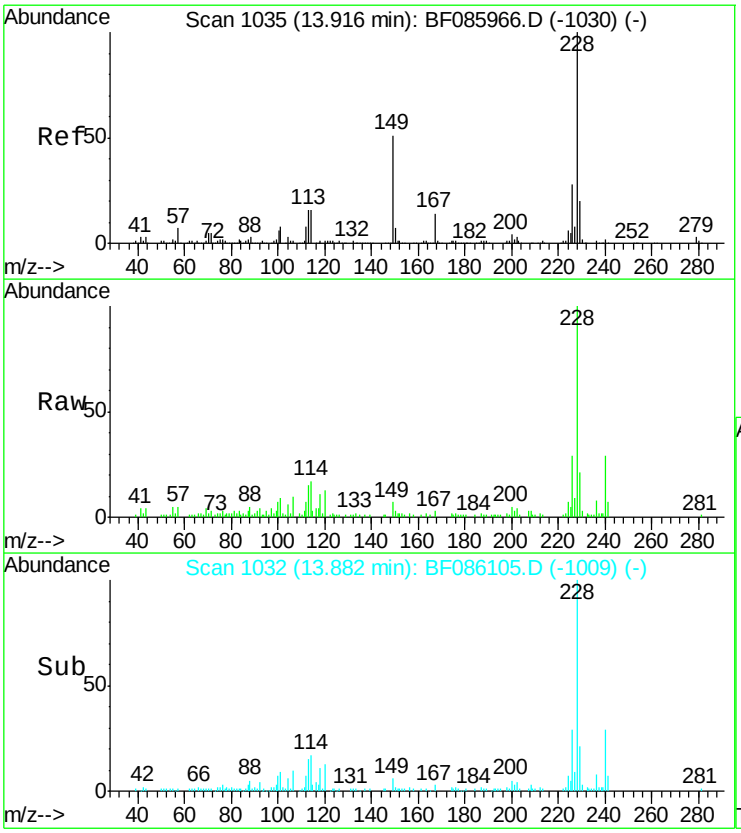
#78
Terphenyl-d14
Concen: 61.98 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:244 Resp: 821440

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	15.4	10.2	15.4#

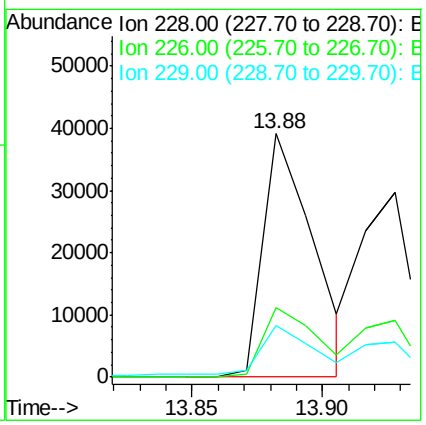


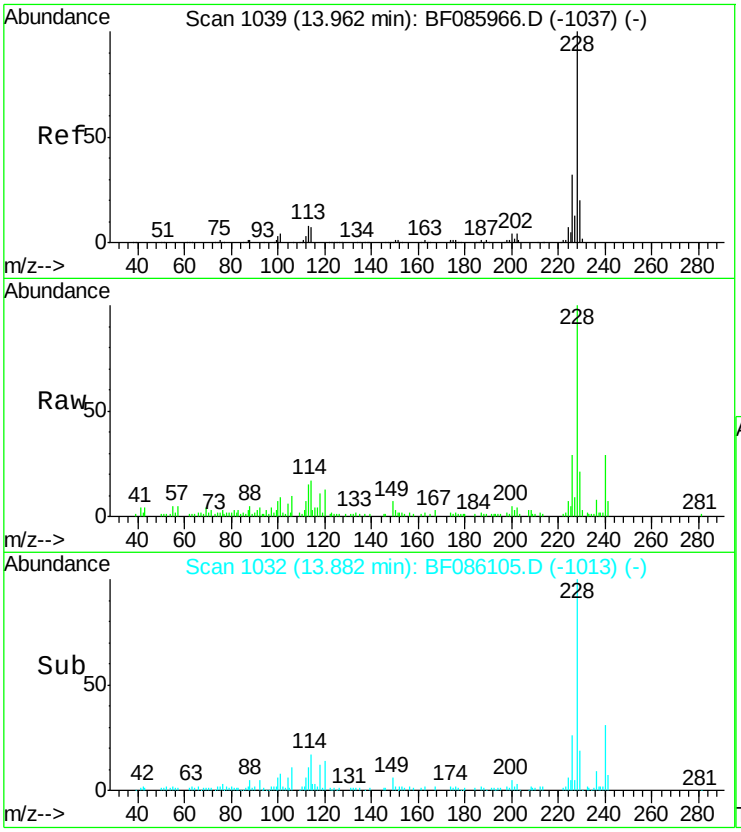


#80
Benzo(a)anthracene
Concen: 2.85 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:228 Resp: 52359

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	21.1	16.2	24.4



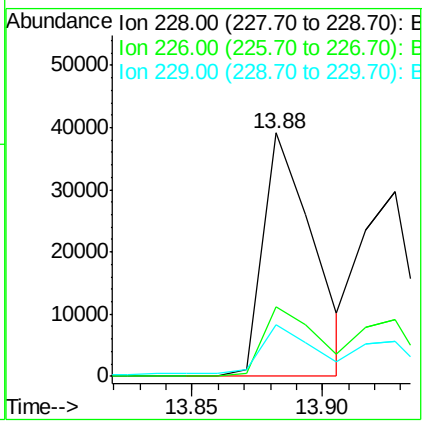


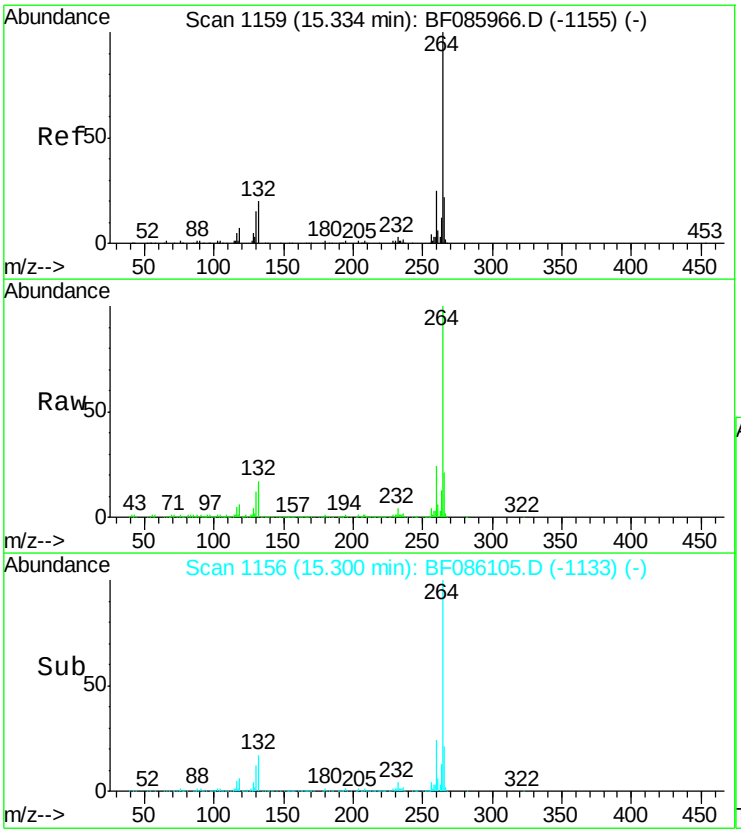
#82
Chrysene
Concen: 2.96 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:228 Resp: 52359

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	21.1	15.7	23.5

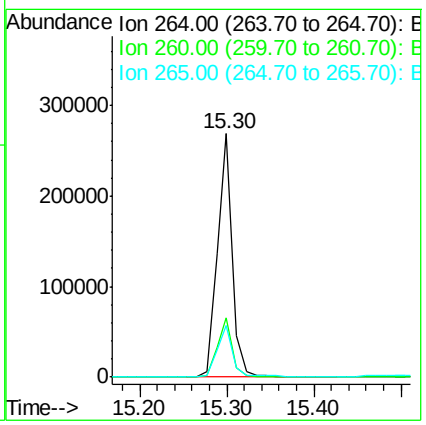


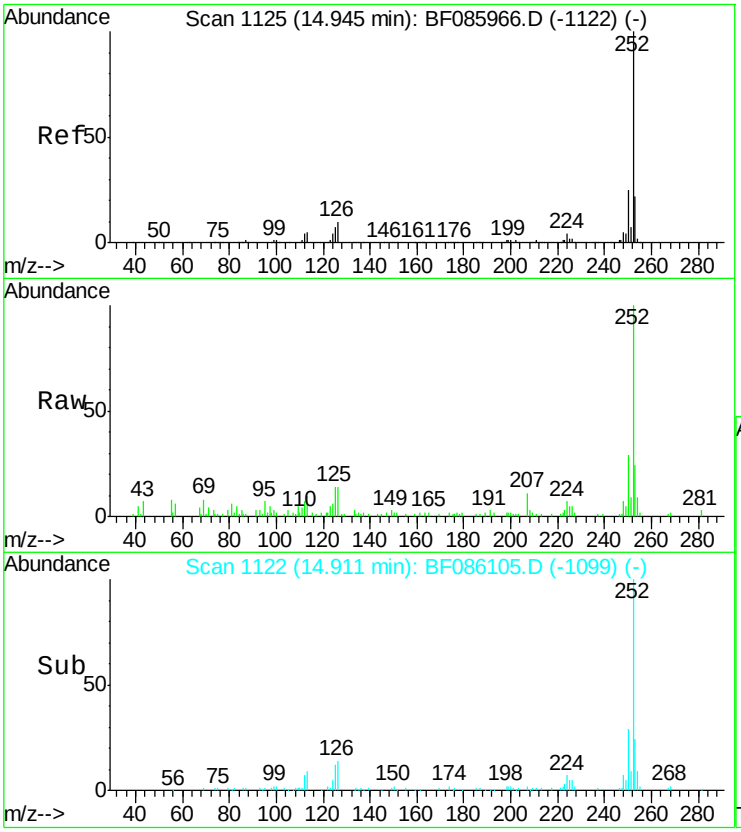


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:264 Resp: 323575

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.2	25.8



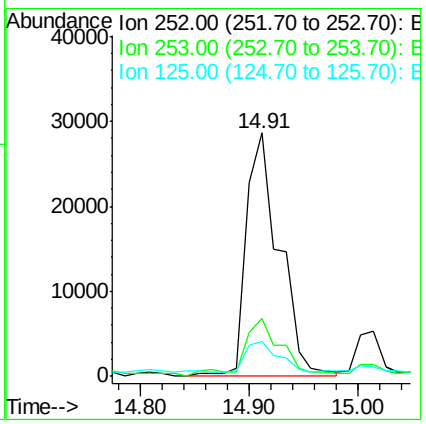


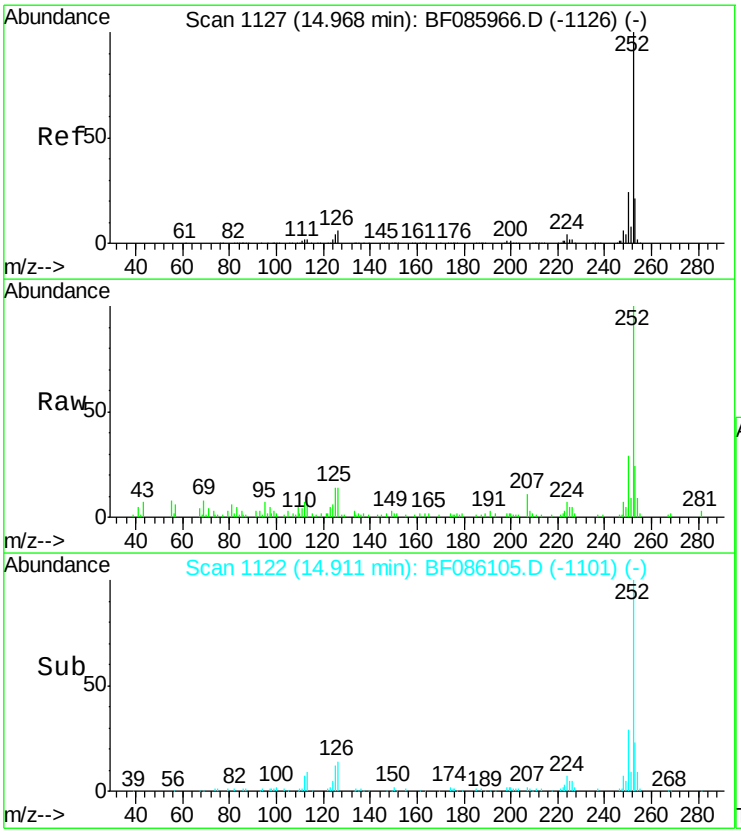
#87
Benzo(b)fluoranthene
Concen: 2.96 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:252 Resp: 60349

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	14.3	10.3	15.5

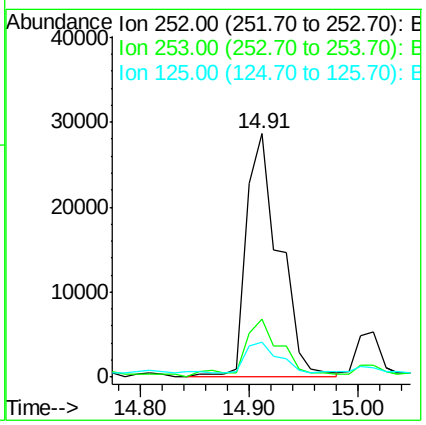


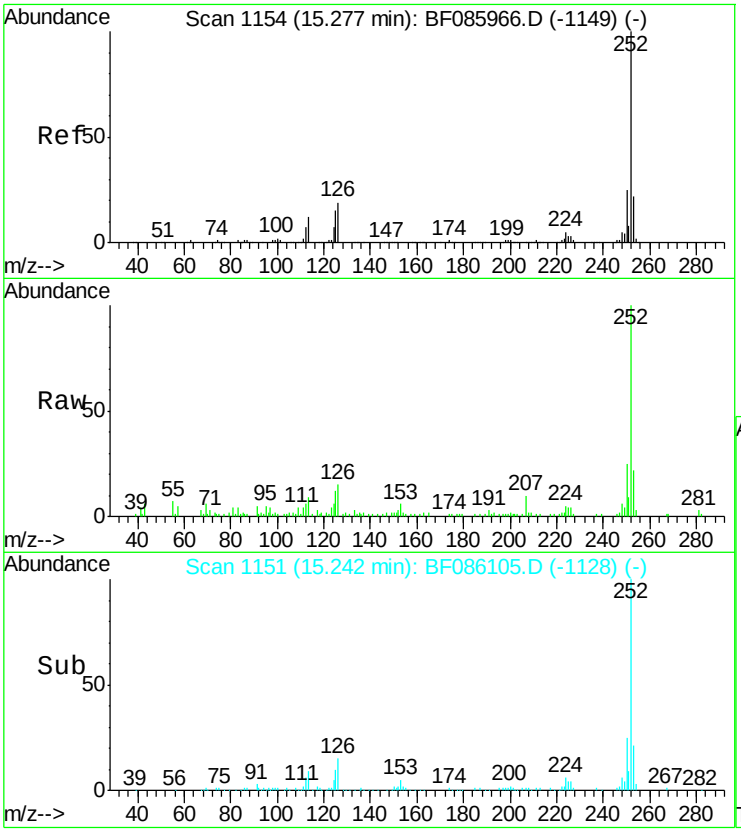


#88
Benzo(k)fluoranthene
Concen: 3.35 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Tgt Ion:252 Resp: 60349

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	14.3	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 2.36 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086105.D
Acq: 6 Apr 2016 18:37

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:252 Resp: 42492

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.2	10.3	15.5