Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086116.D
Acq On : 6 Apr 2016 23:53
Operator : UM/SJ
Sample : H2096-06RE 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8COMP

Quant Time: Apr 07 01:16:05 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	97883	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	364593	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	132447	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	231137	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	221052	20.00	ng	-0.02
86) Perylene-d12	15.31	264	150842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	138444	24.18	ng	-0.03
7) Phenol-d6	6.40	99	166679	22.92	ng	-0.02
23) Nitrobenzene-d5	7.31	82	101200	16.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	19143	15.40	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	162337	20.38	ng	-0.03
78) Terphenyl-d14	12.84	244	116078	12.34	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	13138	2.91	ng	# 80
25) Isophorone	7.31	82	94683	7.76	ng	# 68
50) 2,6-Dinitrotoluene	9.78	165	16880	8.13	ng	# 19
56) 2,4-Dinitrotoluene	9.78	165	16880	6.43	ng	# 37
74) Fluoranthene	12.48	202	40117	3.06	ng	93
77) Pyrene	12.71	202	45474	2.92	ng	98
80) Benzo(a)anthracene	13.89	228	34448	2.64	ng	# 83
82) Chrysene	13.89	228	34448	2.74	ng	# 87
87) Benzo(b)fluoranthene	14.91	252	42880	4.52	ng	# 55
88) Benzo(k)fluoranthene	14.91	252	42880	5.10	ng	# 52
89) Benzo(a)pyrene	15.25	252	20233	2.41	ng	# 57

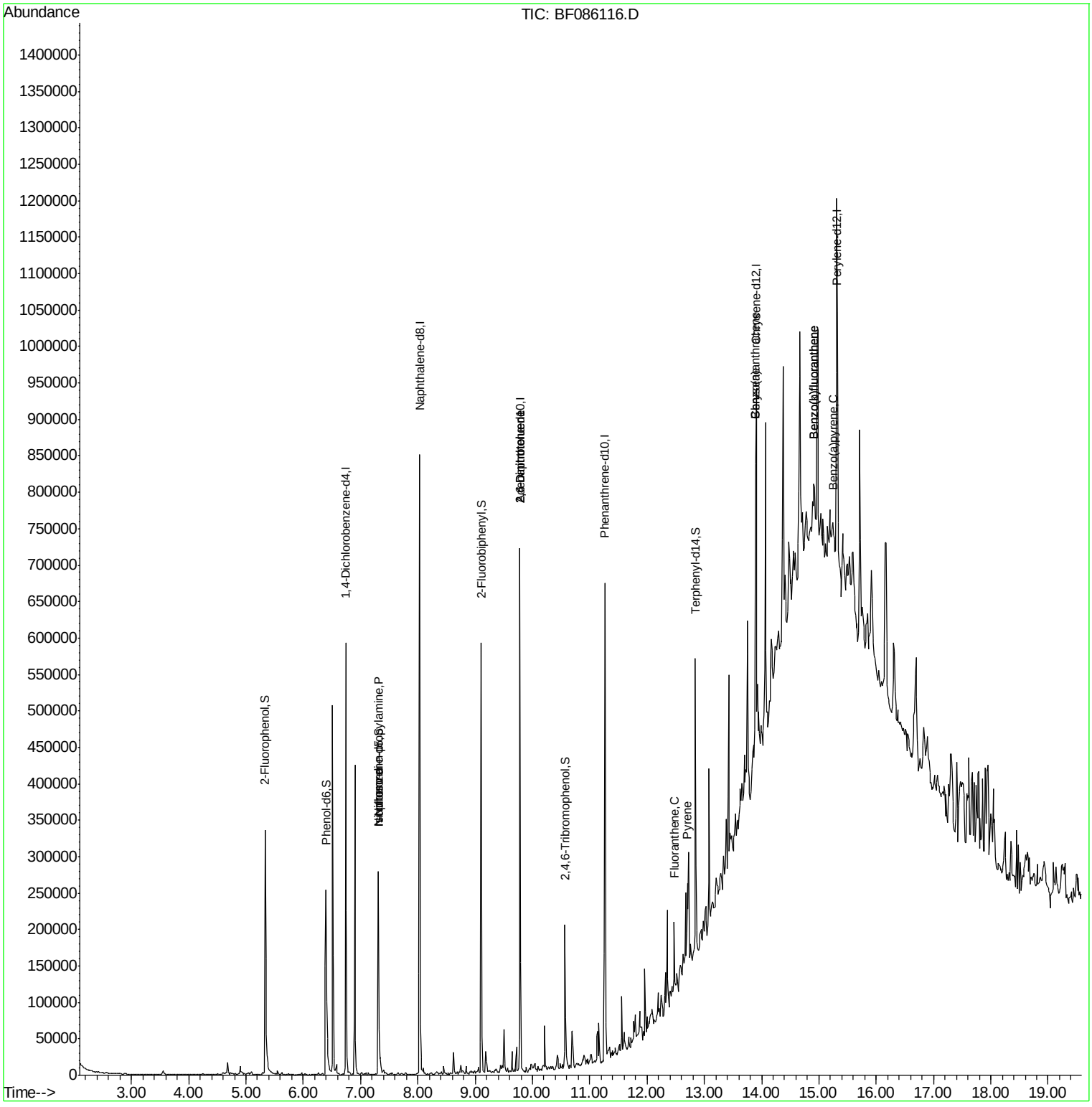
(#) = qualifier out of range (m) = manual integration (+) = signals summed

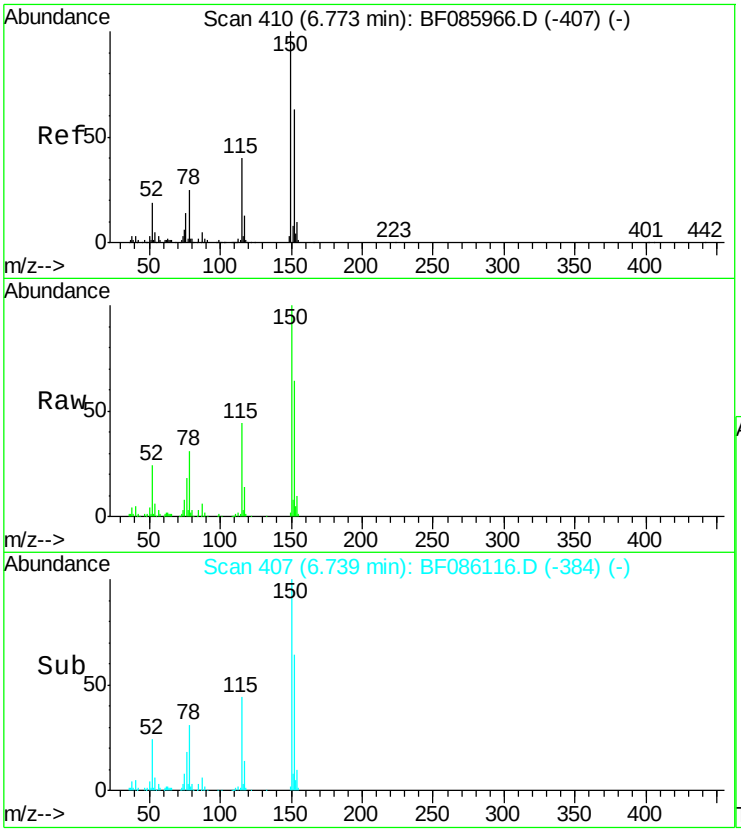
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086116.D
Acq On : 6 Apr 2016 23:53
Operator : UM/SJ
Sample : H2096-06RE 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Quant Time: Apr 07 01:16:05 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



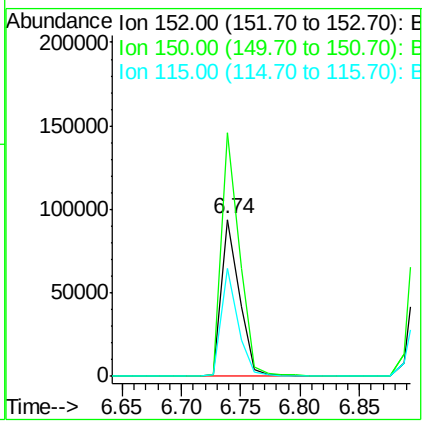


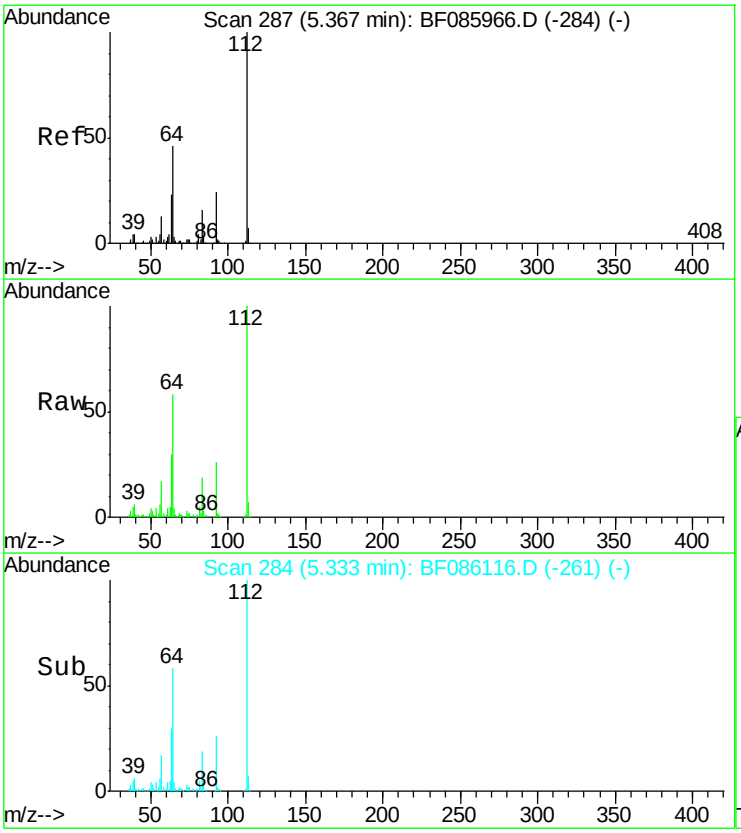
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:152 Resp: 97883

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	69.0	47.0	70.6

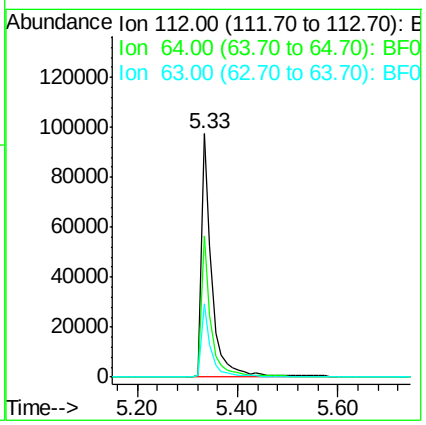


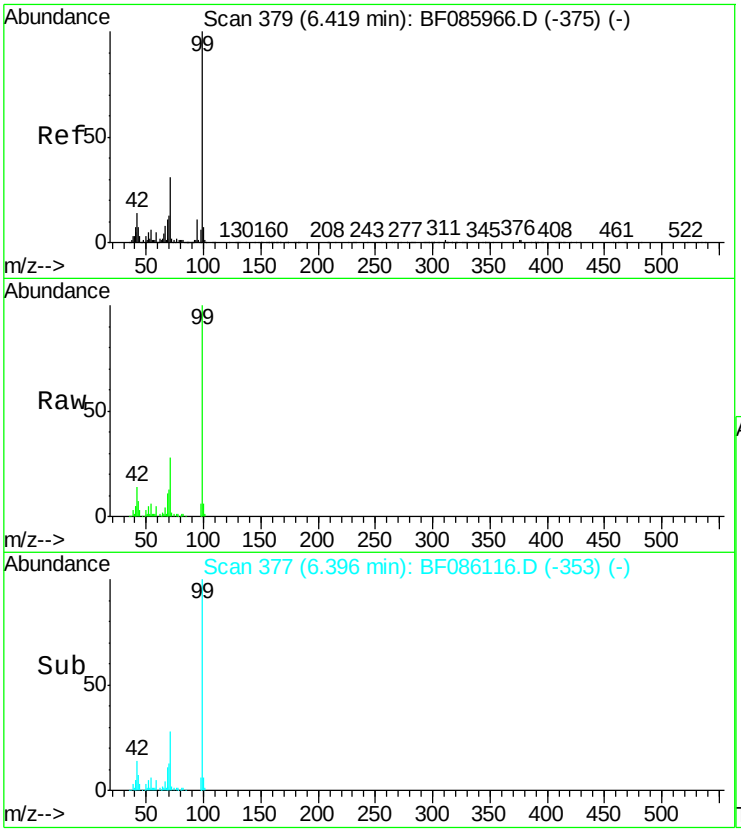


#5
2-Fluorophenol
Concen: 24.18 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:112 Resp: 138444

Ion	Ratio	Lower	Upper
112	100		
64	57.9	39.9	59.9
63	30.1	20.2	30.2



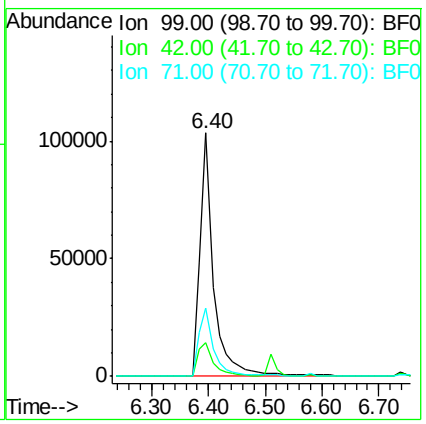


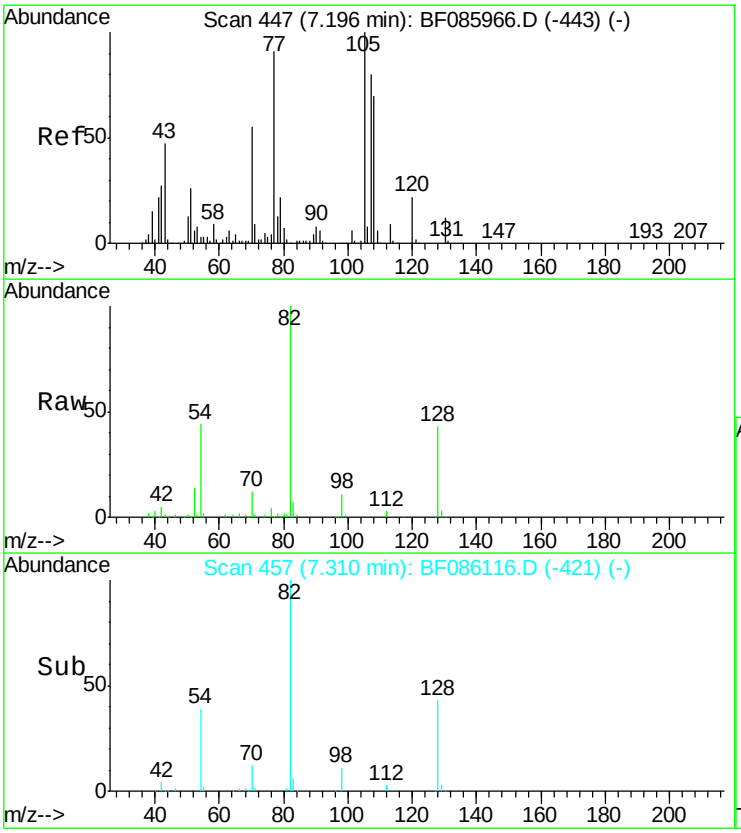
#7
Phenol-d6
Concen: 22.92 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion: 99 Resp: 166679

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	27.9	24.9	37.3

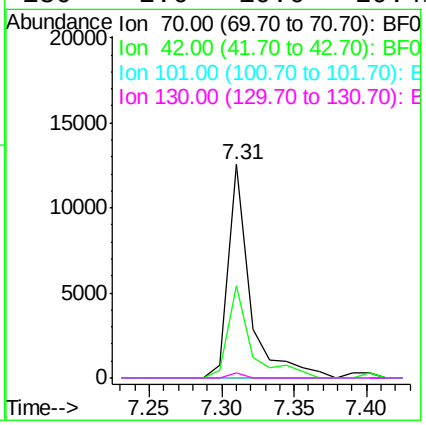


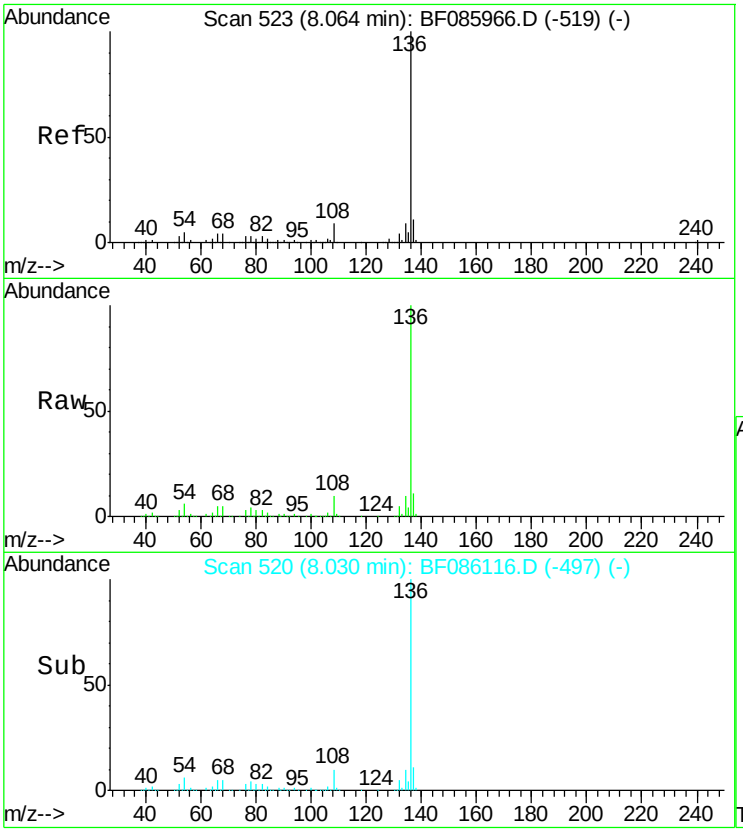


#19
n-Nitroso-di-n-propylamine
Concen: 2.91 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion: 70 Resp: 13138

Ion	Ratio	Lower	Upper
70	100		
42	43.3	37.1	55.7
101	0.0	8.6	12.8#
130	2.6	19.6	29.4#



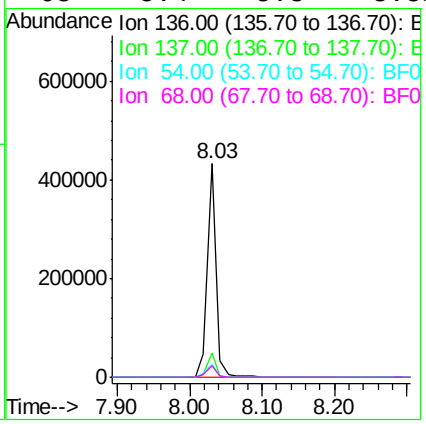


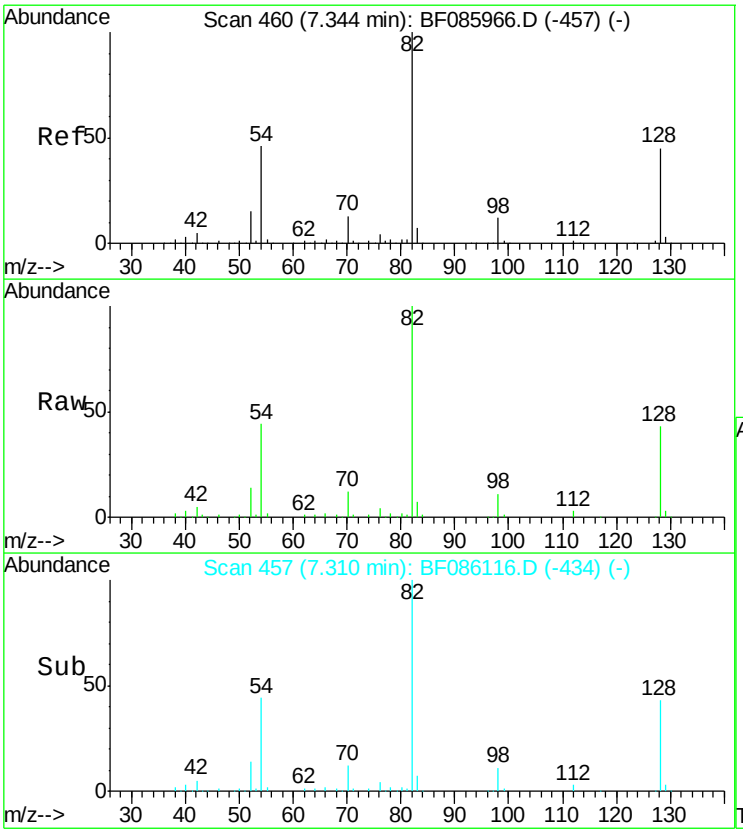
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:136 Resp: 364593

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.2	7.4	11.0#
68	5.4	5.8	8.8#

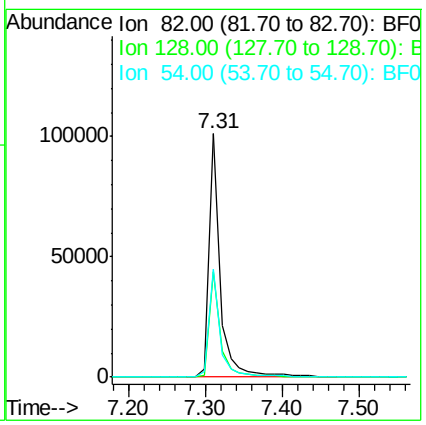


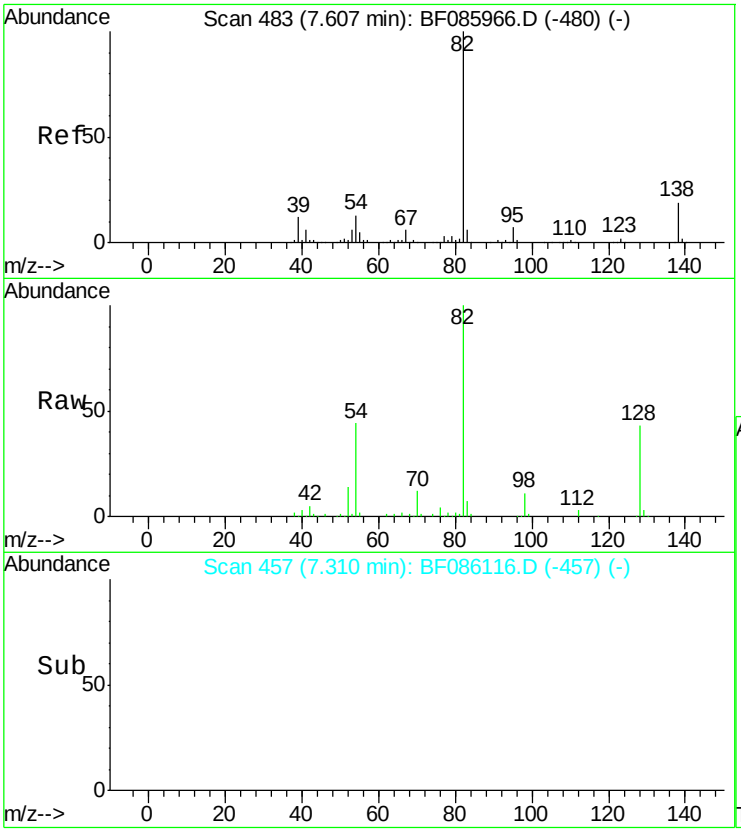


#23
Nitrobenzene-d5
Concen: 16.37 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion: 82 Resp: 101200

Ion	Ratio	Lower	Upper
82	100		
128	43.2	41.8	62.8
54	44.3	33.4	50.0



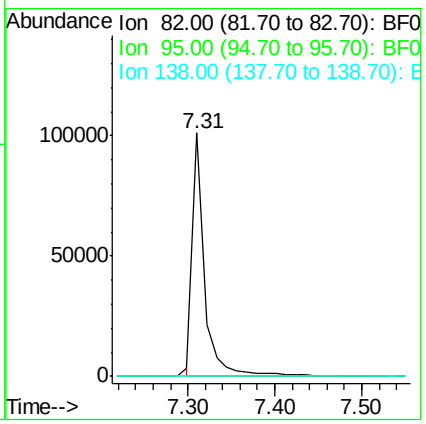


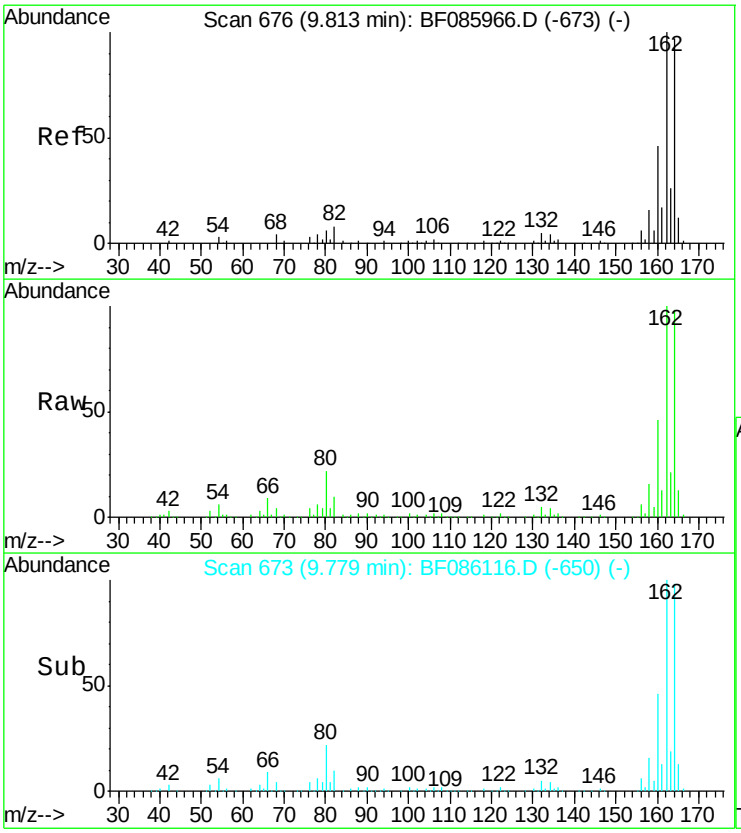
#25
Isophorone
Concen: 7.76 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion: 82 Resp: 94683

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

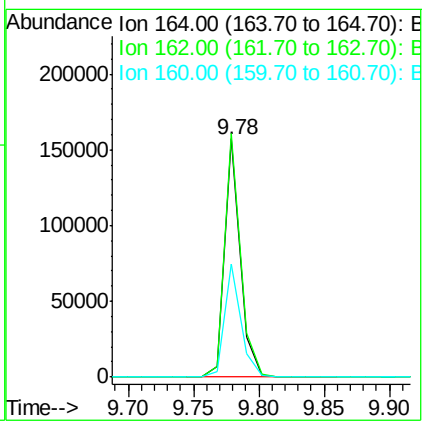


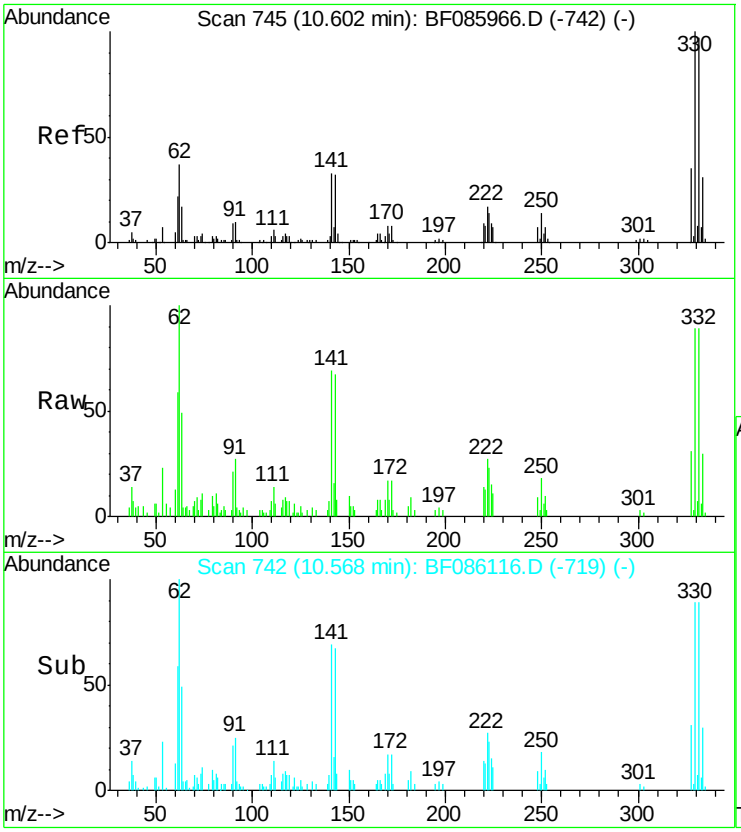


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:164 Resp: 132447

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	47.4	37.4	56.2



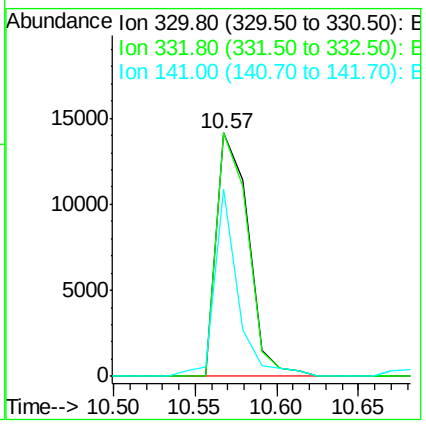


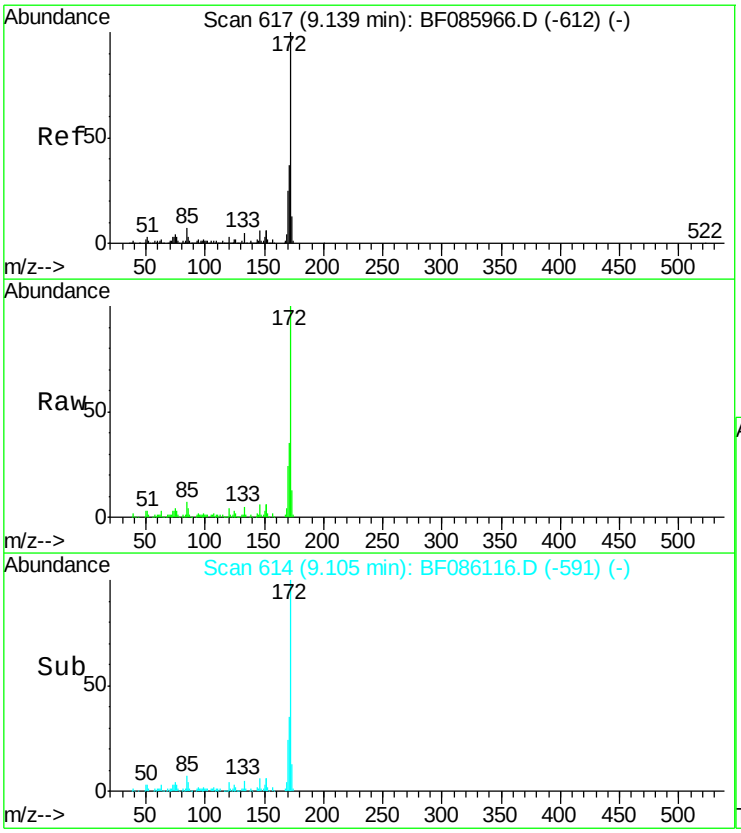
#41
2,4,6-Tribromophenol
Concen: 15.40 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:330 Resp: 19143

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	56.7	31.5	47.3#

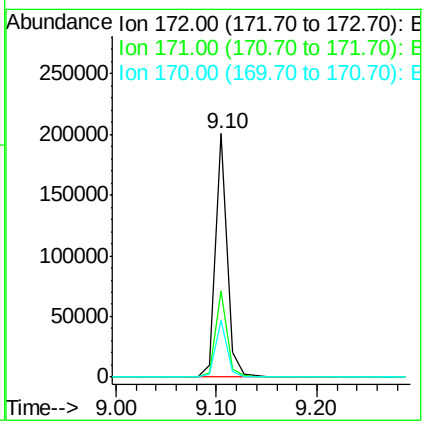


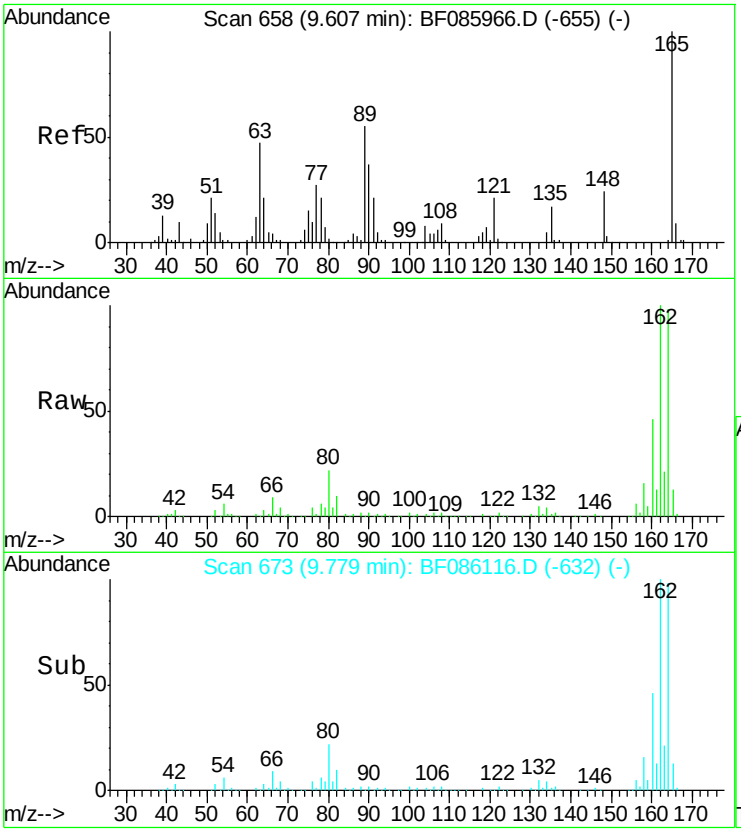


#44
2-Fluorobiphenyl
Concen: 20.38 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:172 Resp: 162337

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.2
170	23.5	19.8	29.6



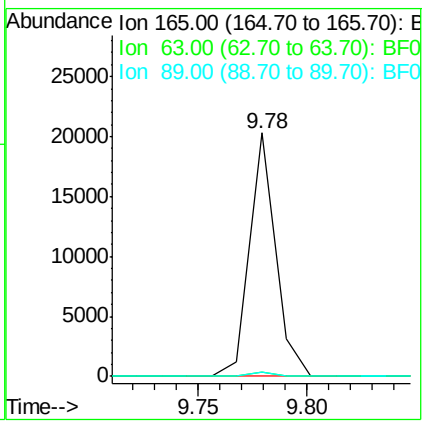


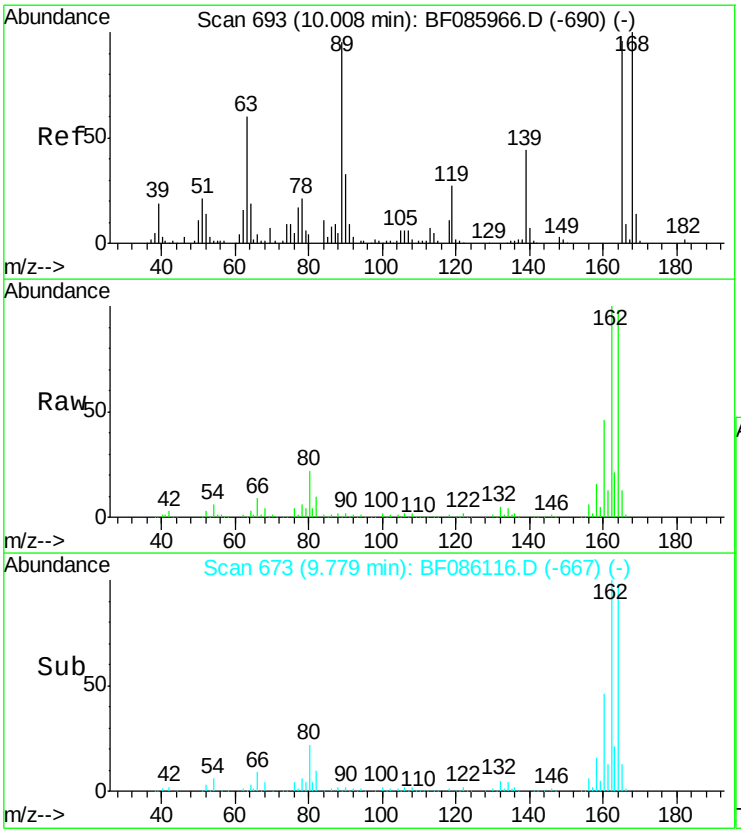
#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.17 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:165 Resp: 16880

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.9	53.7	80.5#

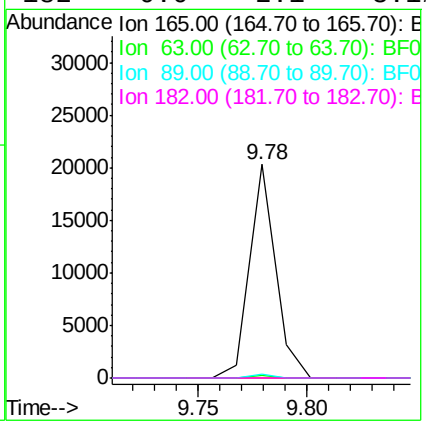


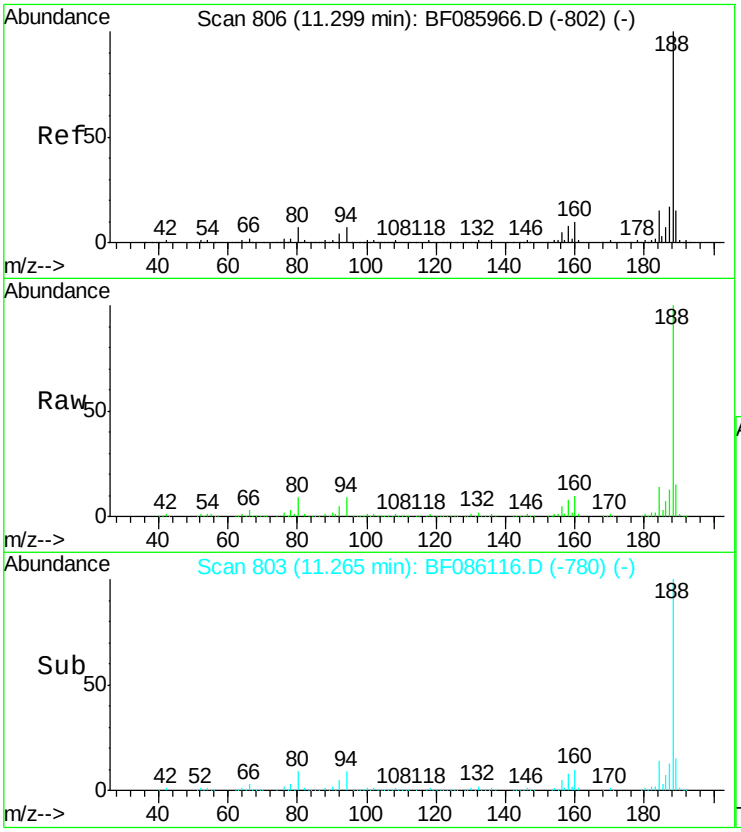


#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:165 Resp: 16880

Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#



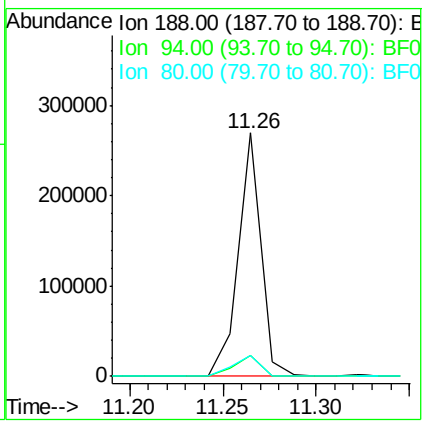


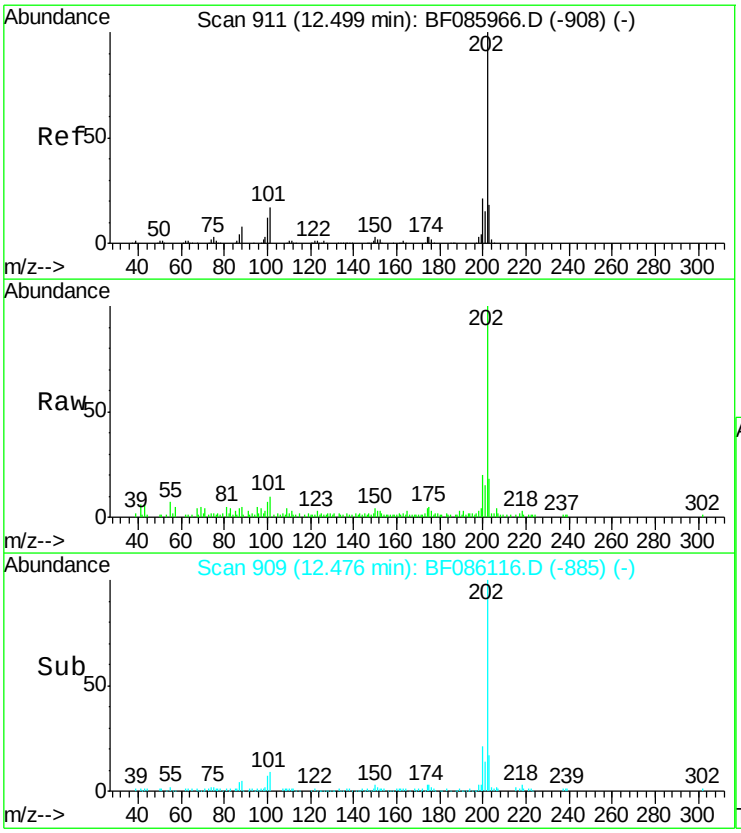
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:188 Resp: 231137

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.6	5.5	8.3#

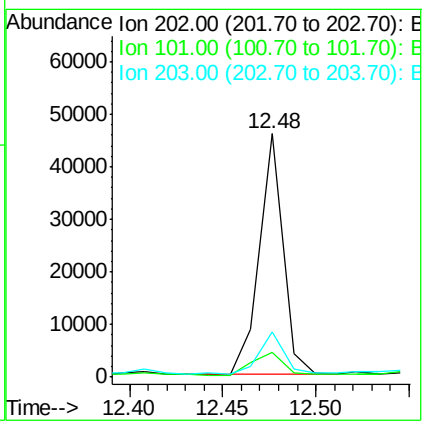


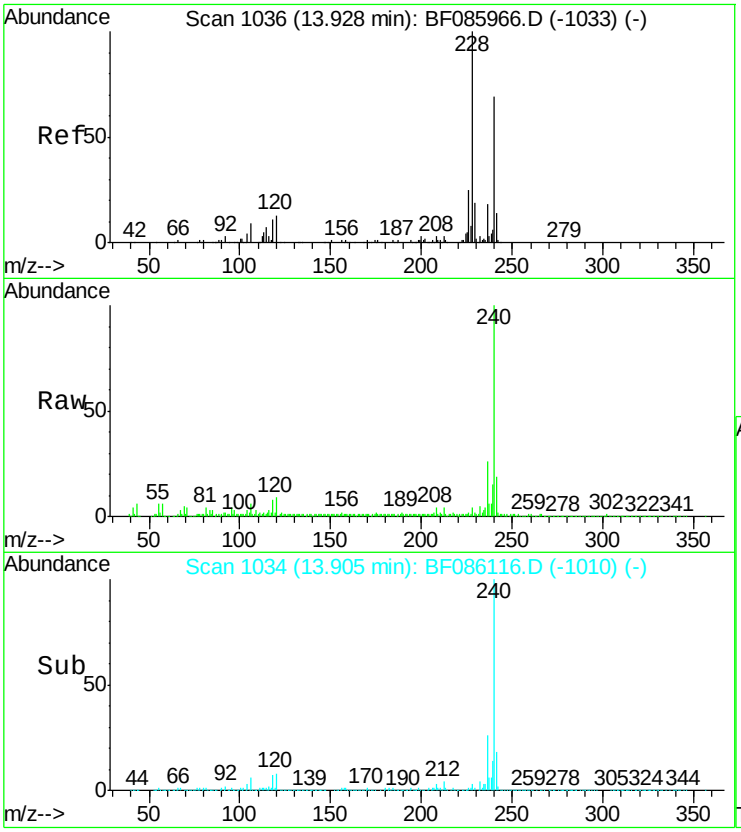


#74
Fluoranthene
Concen: 3.06 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:202 Resp: 40117

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	36.6
203	18.3	0.0	38.1



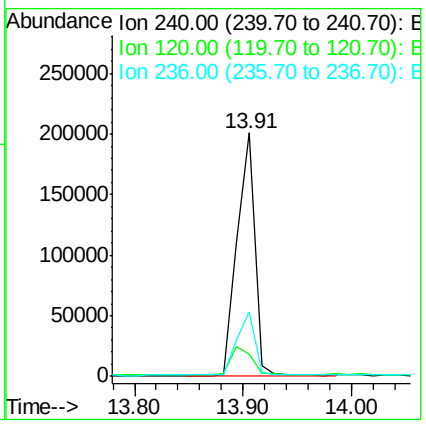


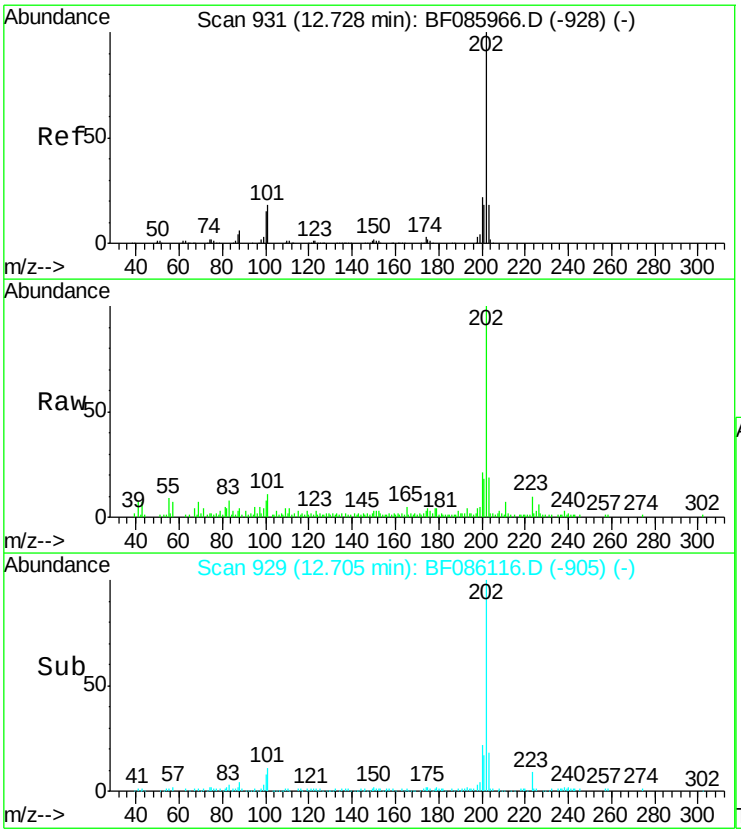
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:240 Resp: 221052

Ion	Ratio	Lower	Upper
240	100		
120	9.0	13.8	20.8#
236	26.2	20.6	30.8

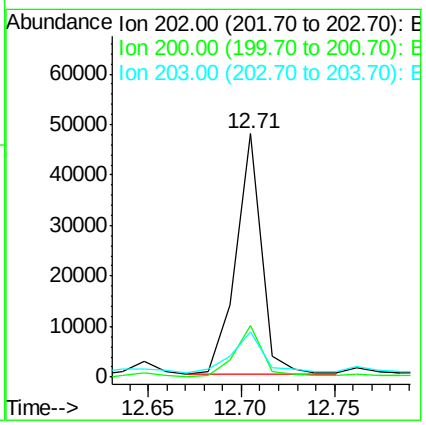


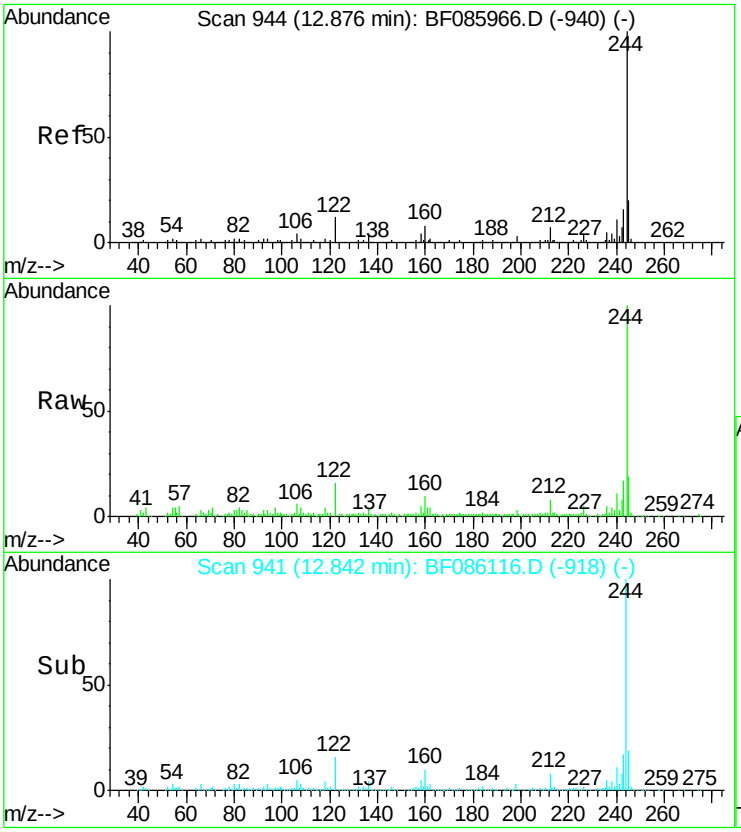


#77
Pyrene
Concen: 2.92 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:202 Resp: 45474

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.6	14.0	21.0



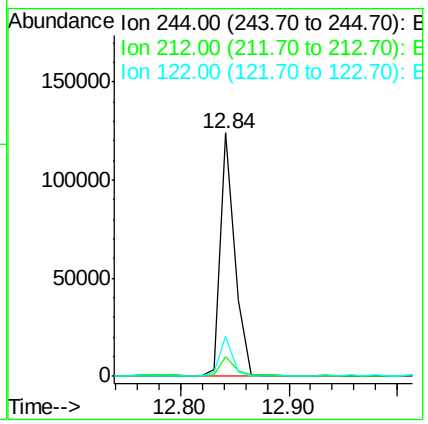


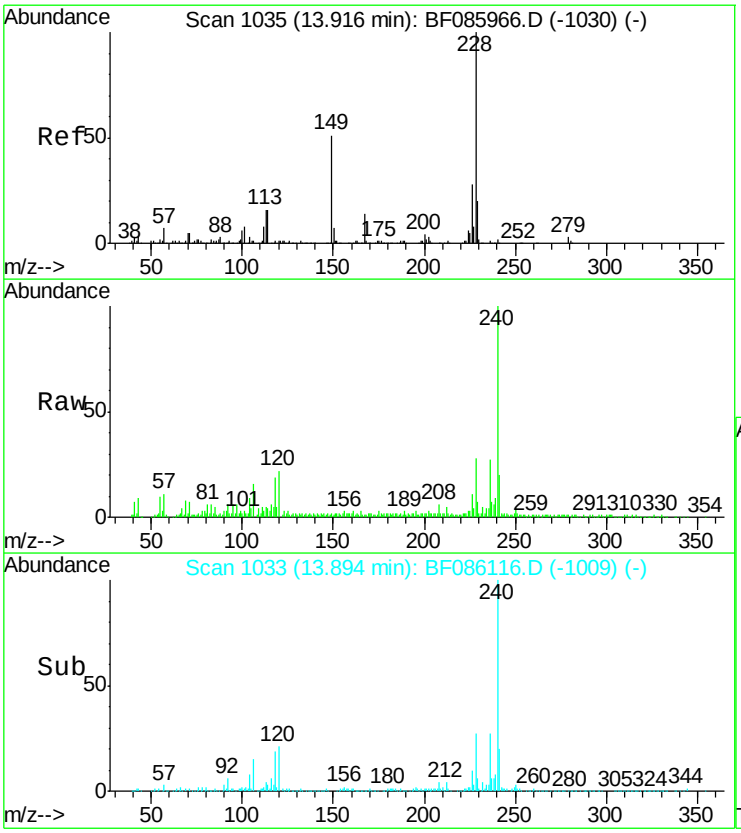
#78
Terphenyl-d14
Concen: 12.34 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:244 Resp: 116078

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	16.3	10.2	15.4#

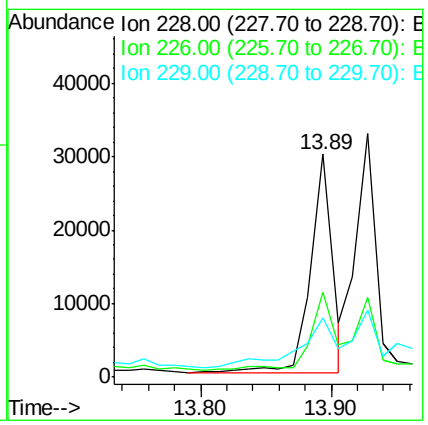


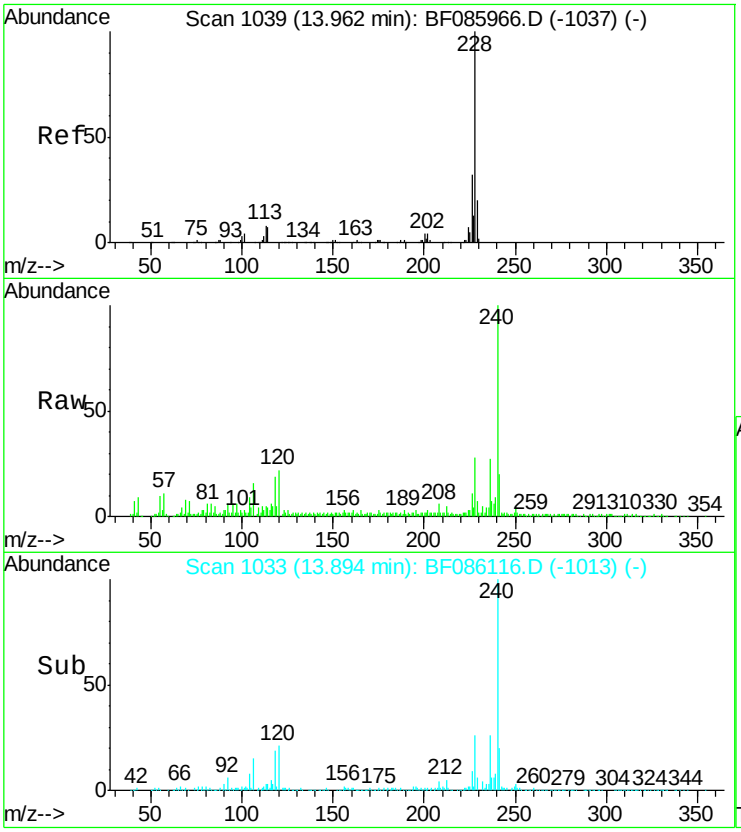


#80
Benzo(a)anthracene
Concen: 2.64 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:228 Resp: 34448

Ion	Ratio	Lower	Upper
228	100		
226	38.1	22.1	33.1#
229	26.4	16.2	24.4#



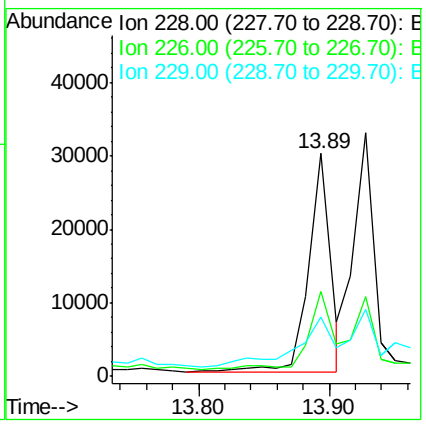


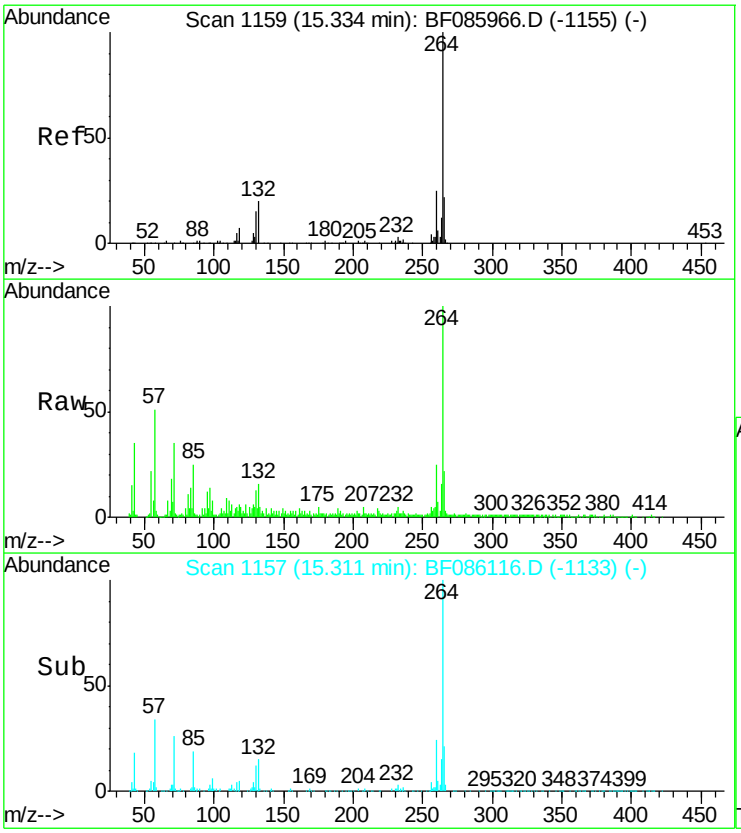
#82
Chrysene
Concen: 2.74 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:228 Resp: 34448

Ion	Ratio	Lower	Upper
228	100		
226	38.1	25.0	37.6#
229	26.4	15.7	23.5#

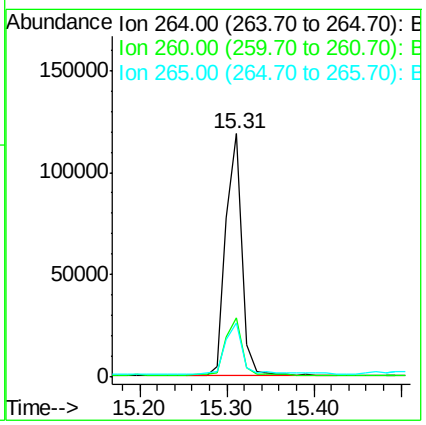


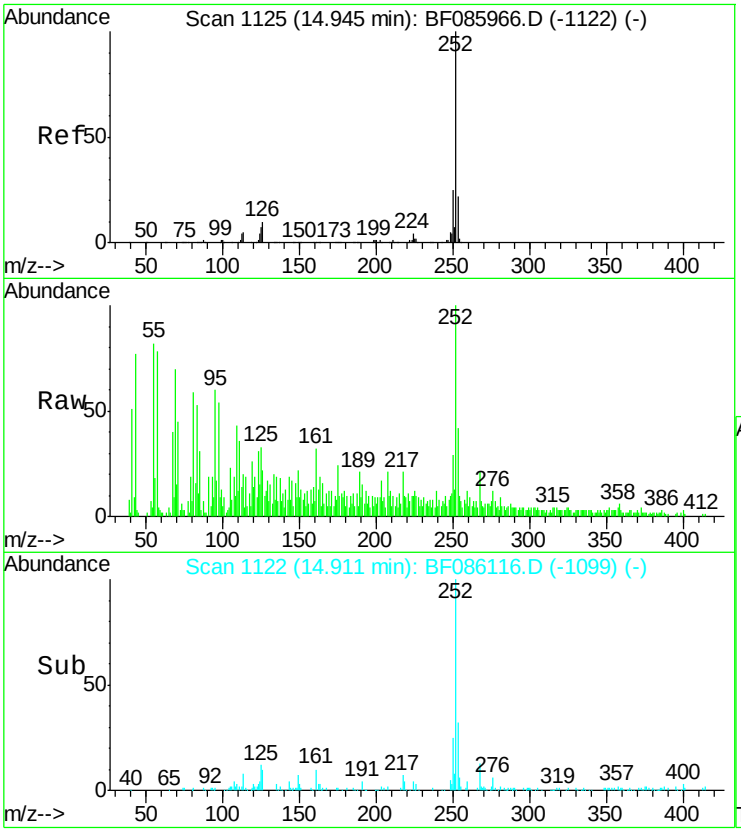


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:264 Resp: 150842

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.3	17.2	25.8



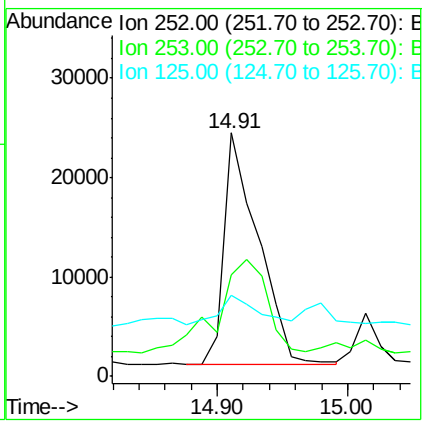


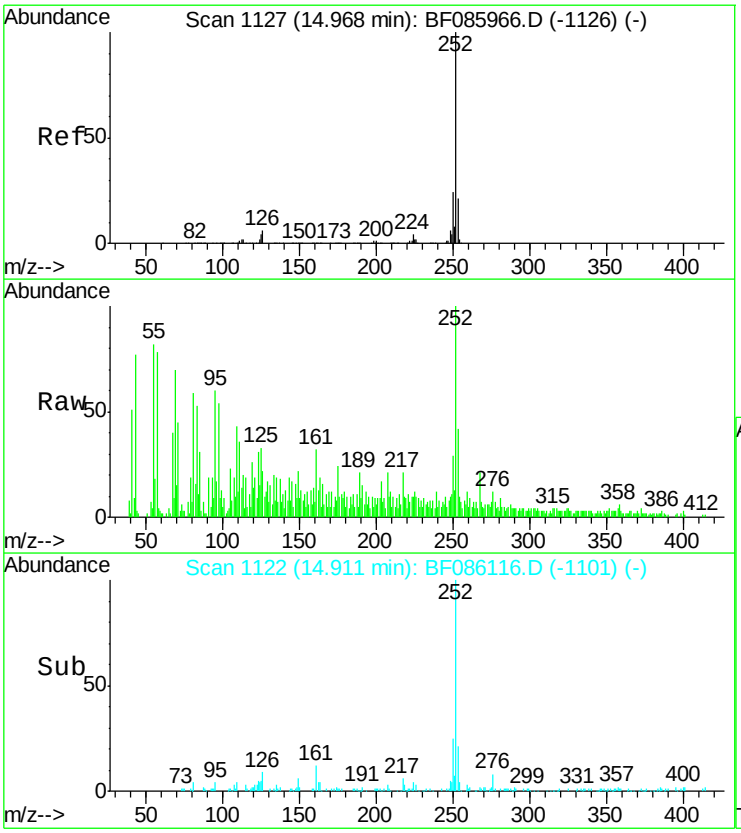
#87
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:252 Resp: 42880

Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.6	26.4#
125	33.3	10.3	15.5#

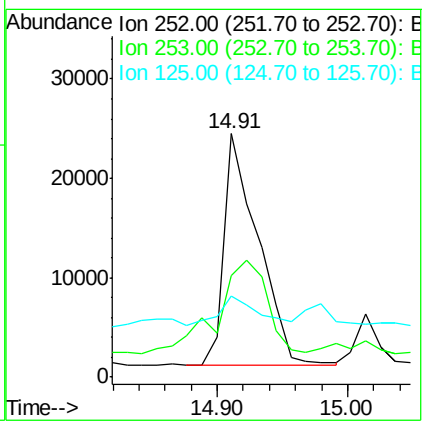


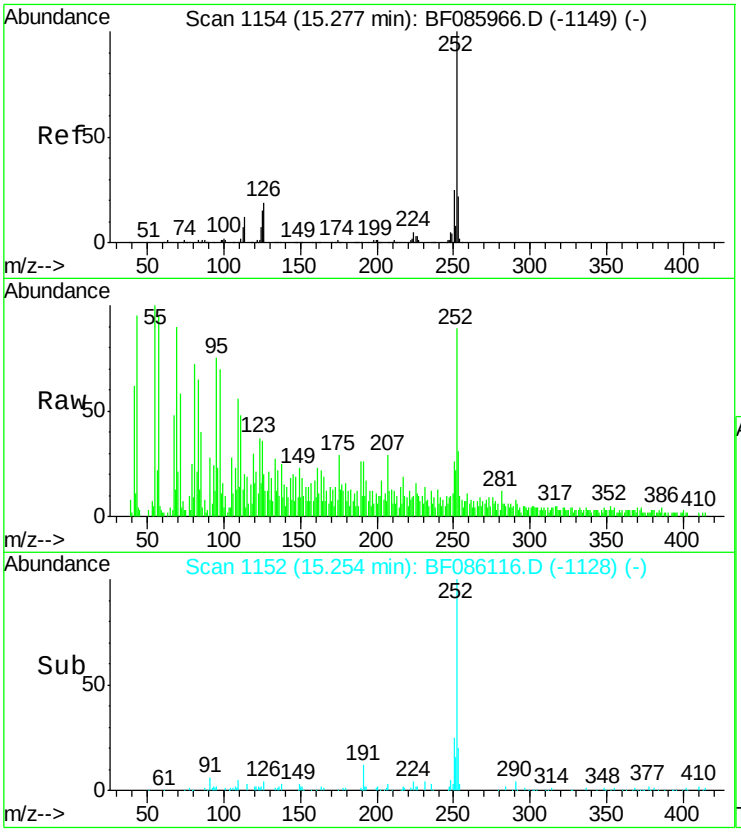


#88
Benzo(k)fluoranthene
Concen: 5.10 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Tgt Ion:252 Resp: 42880

Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.8	26.6#
125	33.3	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 2.41 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF086116.D
Acq: 6 Apr 2016 23:53

Instrument :
BNA_F
ClientSampleId :
TEC-B8COMP

Tgt Ion:252 Resp: 20233

Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.4	26.0#
125	40.4	10.3	15.5#