Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082333.D
Acq On : 16 Oct 2015 18:47
Operator : UM/IZ
Sample : G4051-07 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-2-20151015

Quant Time: Oct 17 01:15:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	20754	20.00	ng	0.22
21) Naphthalene-d8	8.18	136	241411	20.00	ng	0.06
38) Acenaphthene-d10	9.93	164	122604	20.00	ng	0.05
63) Phenanthrene-d10	11.42	188	258957	20.00	ng	0.05
75) Chrysene-d12	14.08	240	234209	20.00	ng	0.01
86) Perylene-d12	15.58	264	220036	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	34037	33.10	ng	0.08
7) Phenol-d6	6.54	99	49345	36.87	ng	0.06
23) Nitrobenzene-d5	7.46	82	29162	8.11	ng	0.05
41) 2,4,6-Tribromophenol	10.73	330	15278	13.29	ng	0.05
44) 2-Fluorobiphenyl	9.26	172	63138	8.54	ng	0.05
78) Terphenyl-d14	13.01	244	66505	7.52	ng	0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	3005	3.20	ng	# 78
25) Isophorone	7.46	82	29164	4.02	ng	# 66
50) 2,6-Dinitrotoluene	9.93	165	15530	8.53	ng	# 30
56) 2,4-Dinitrotoluene	9.93	165	15531	6.82	ng	# 21
70) Phenanthrene	11.45	178	184849	14.56	ng	97
71) Anthracene	11.50	178	48304	3.69	ng	99
74) Fluoranthene	12.64	202	254582	18.67	ng	98
77) Pyrene	12.87	202	219285	15.78	ng	97
80) Benzo(a)anthracene	14.07	228	106817	8.77	ng	99
82) Chrysene	14.12	228	88234	6.87	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	53507	5.24	ng	95
87) Benzo(b)fluoranthene	15.16	252	152632	11.40	ng	99
88) Benzo(k)fluoranthene	15.16	252	152632	13.56	ng	98
89) Benzo(a)pyrene	15.52	252	79790	6.94	ng	97
91) Benzo(g,h,i)perylene	17.49	276	54421	5.94	ng	97

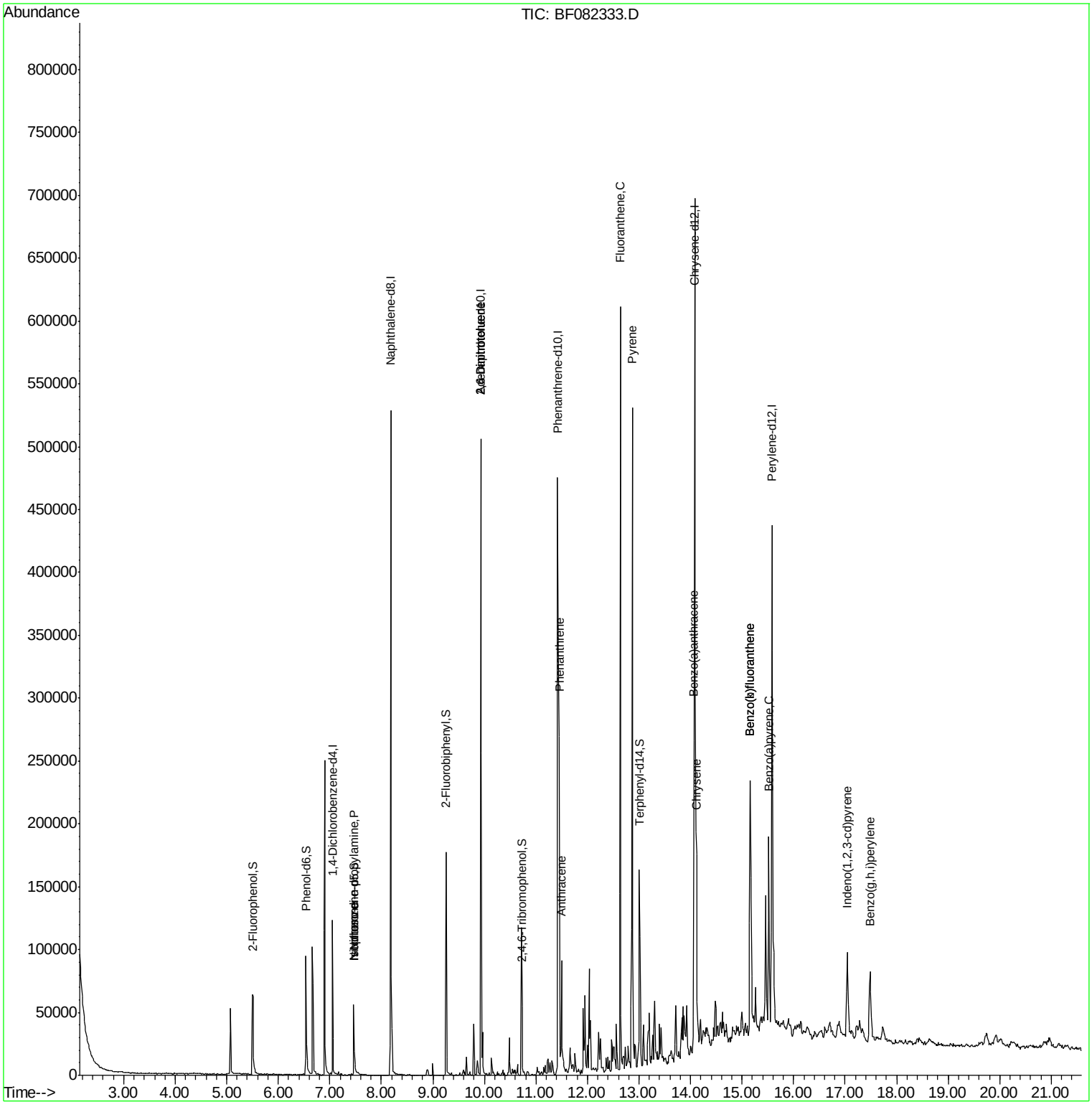
(#) = qualifier out of range (m) = manual integration (+) = signals summed

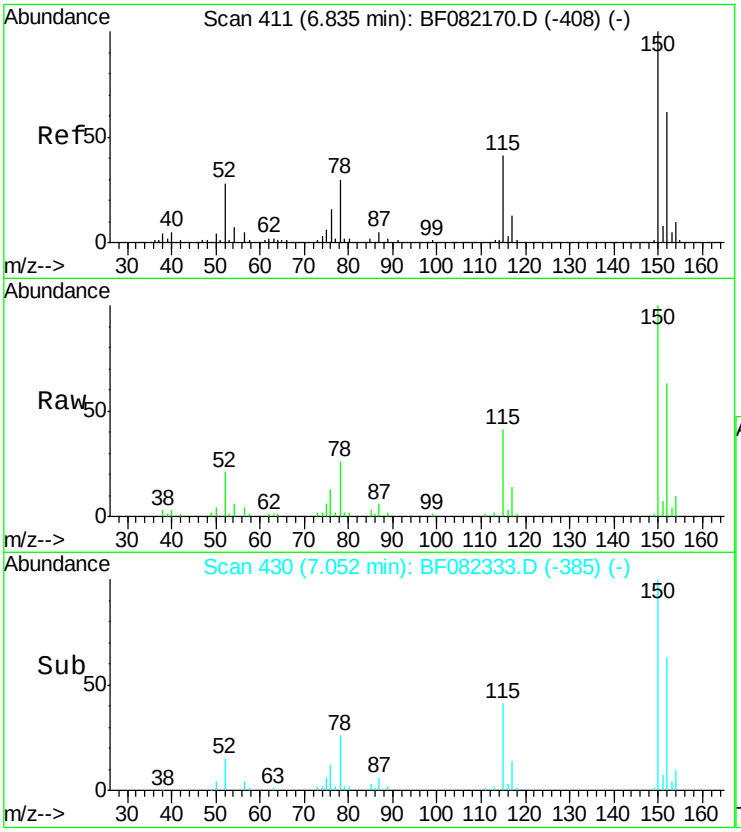
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082333.D
Acq On : 16 Oct 2015 18:47
Operator : UM/IZ
Sample : G4051-07 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Quant Time: Oct 17 01:15:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration



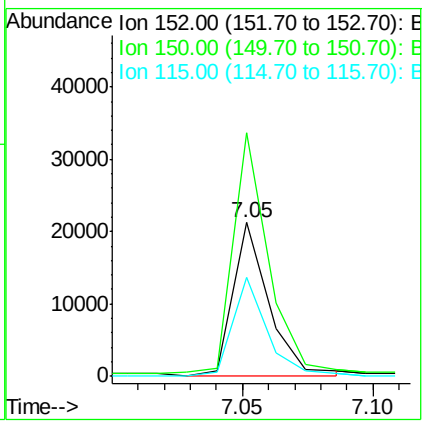


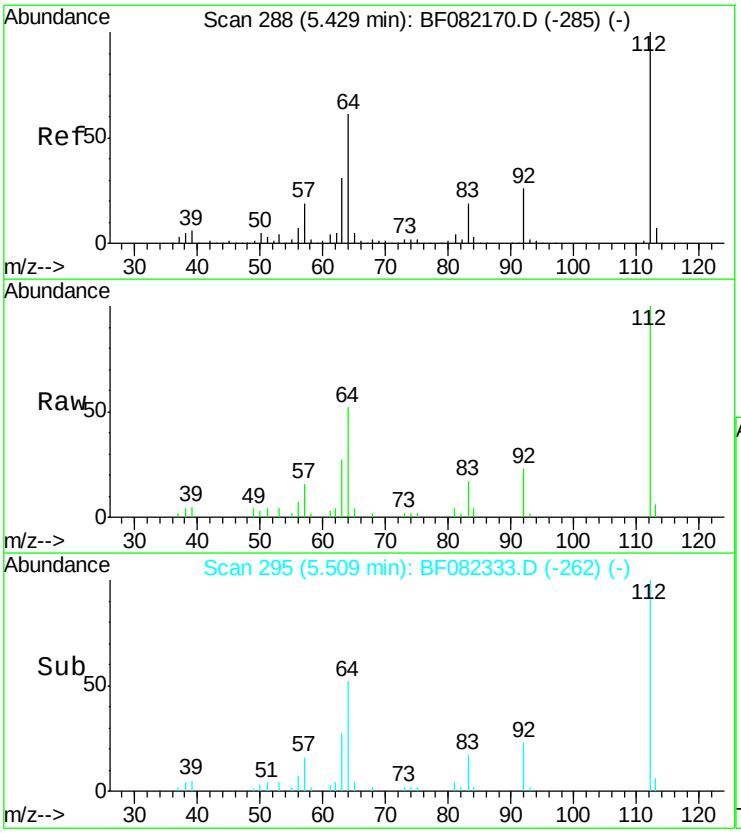
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 430
Delta R.T. 0.22 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:152 Resp: 20754

Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.0	193.4
115	64.3	52.1	78.1

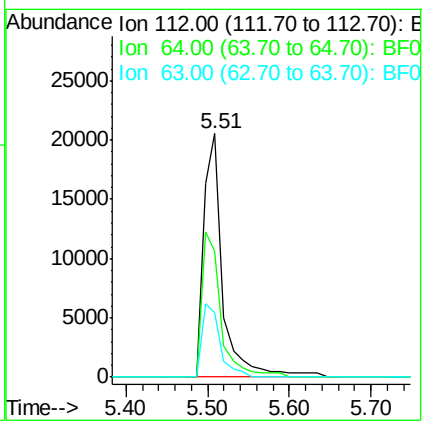


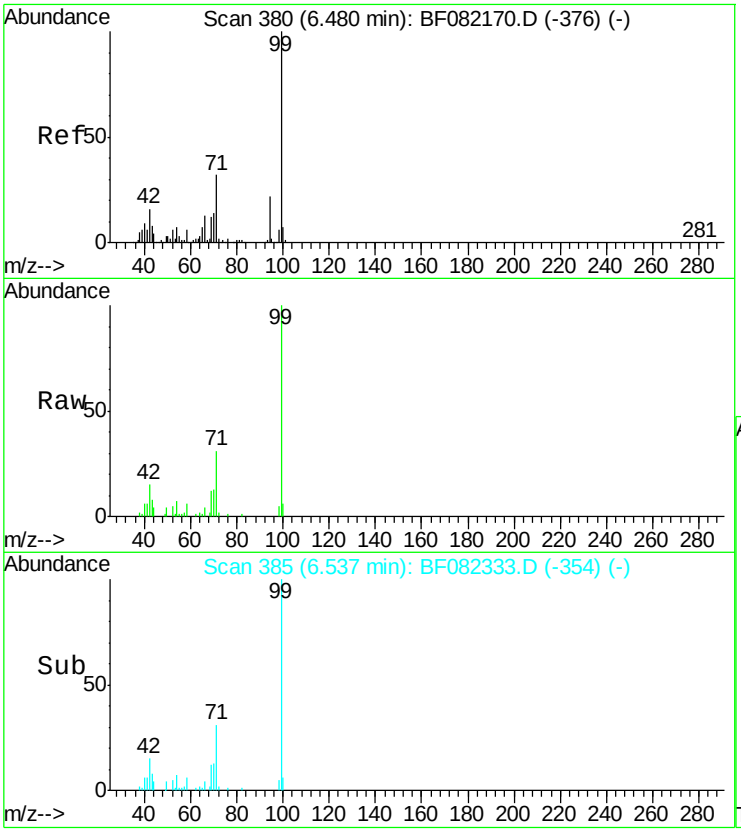


#5
2-Fluorophenol
Concen: 33.10 ng
RT: 5.51 min Scan# 295
Delta R.T. 0.08 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:112 Resp: 34037

Ion	Ratio	Lower	Upper
112	100		
64	51.6	48.6	73.0
63	26.6	25.1	37.7



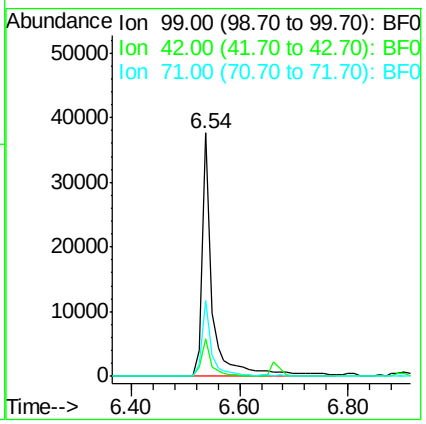


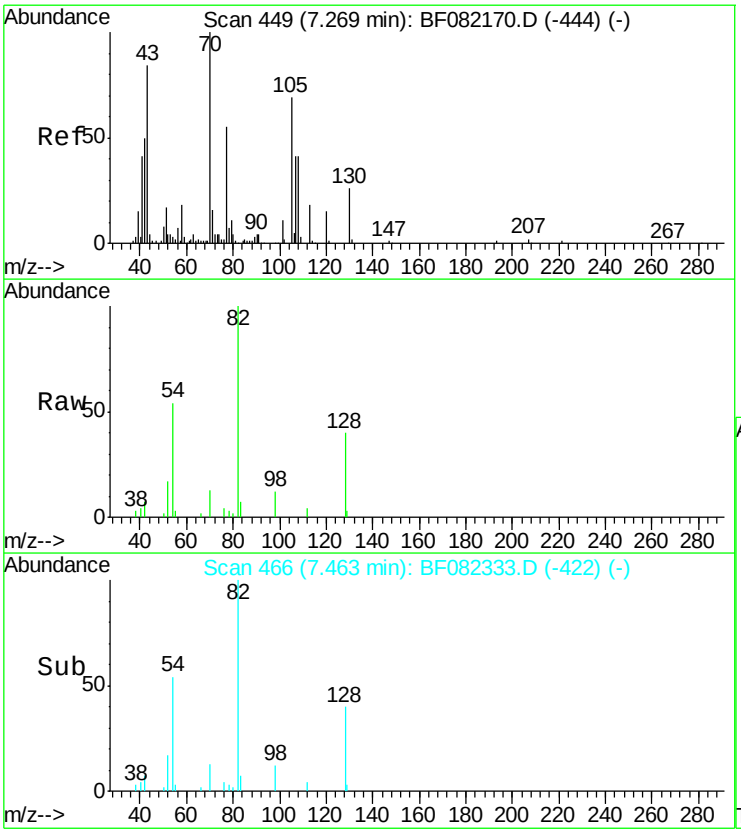
#7
Phenol-d6
Concen: 36.87 ng
RT: 6.54 min Scan# 385
Delta R.T. 0.06 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion: 99 Resp: 49345

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.2	19.8
71	31.0	25.6	38.4

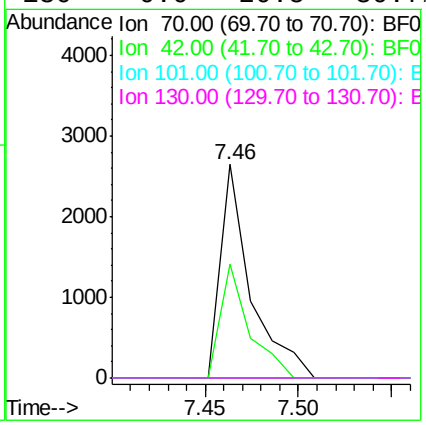


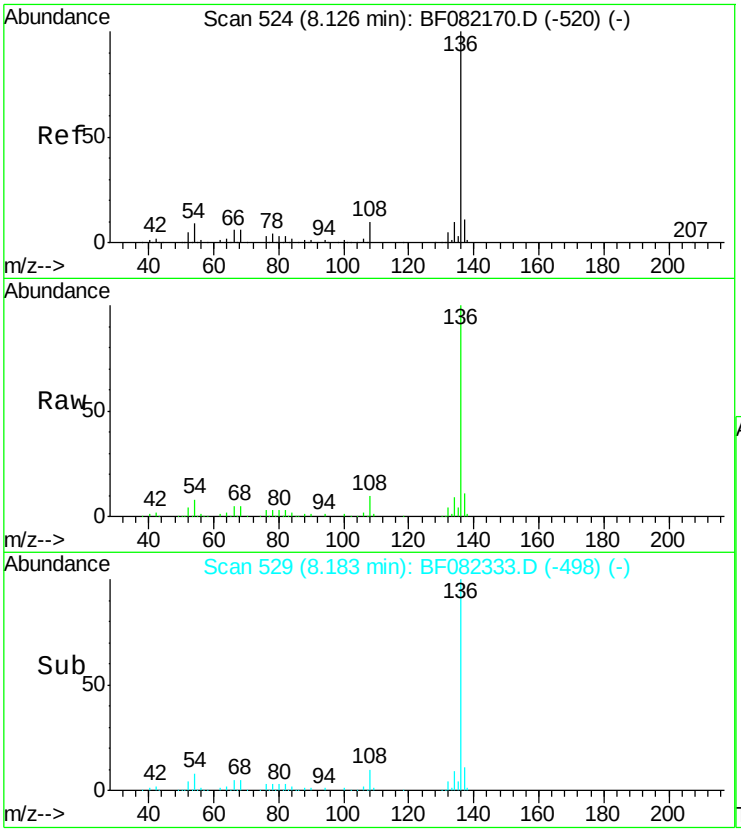


#19
n-Nitroso-di-n-propylamine
Concen: 3.20 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.21 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion: 70 Resp: 3005

Ion	Ratio	Lower	Upper
70	100		
42	53.4	39.8	59.8
101	0.0	8.6	13.0#
130	0.0	20.5	30.7#



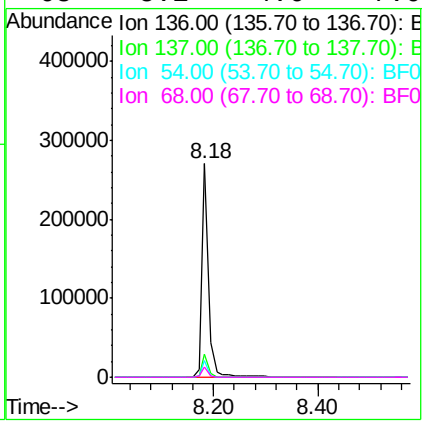


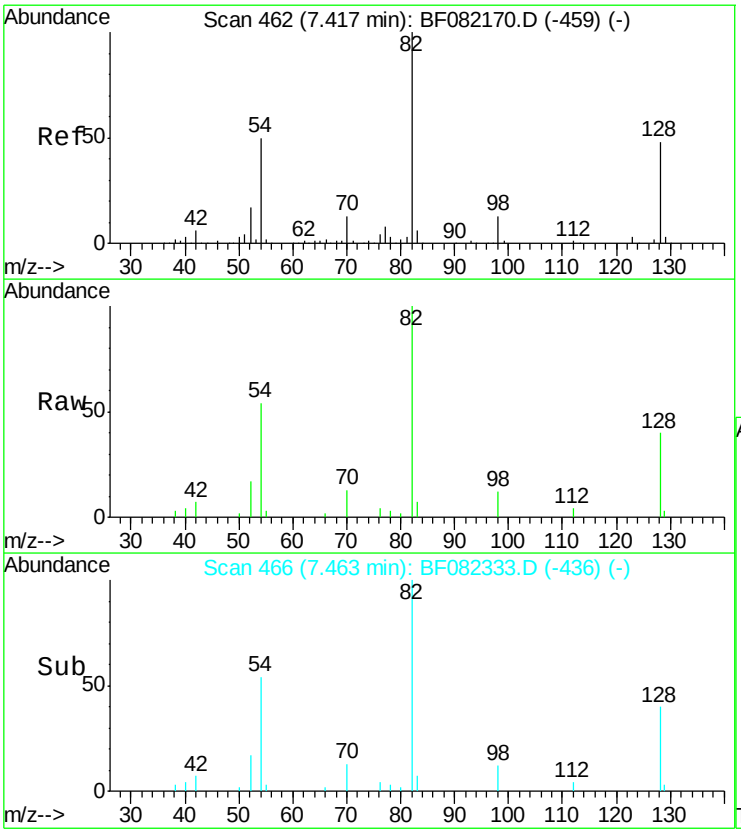
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.06 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:136 Resp: 241411

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.1	7.5	11.3
68	5.1	4.6	7.0

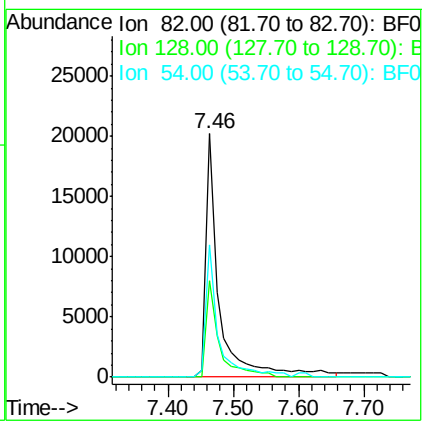


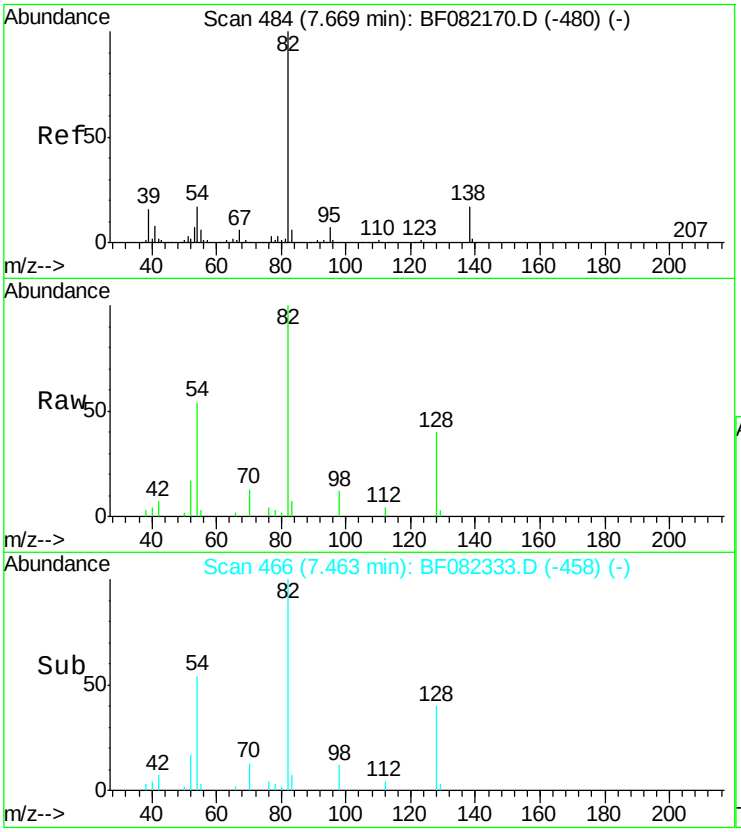


#23
Nitrobenzene-d5
Concen: 8.11 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion: 82 Resp: 29162

Ion	Ratio	Lower	Upper
82	100		
128	39.6	38.7	58.1
54	54.1	40.1	60.1



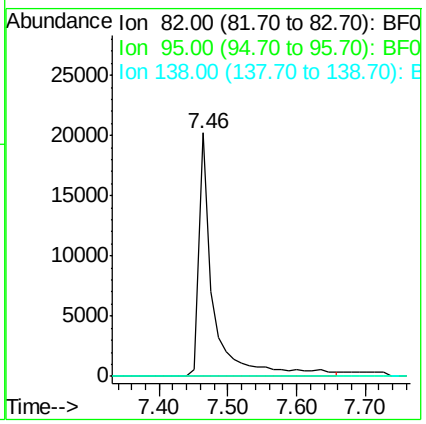


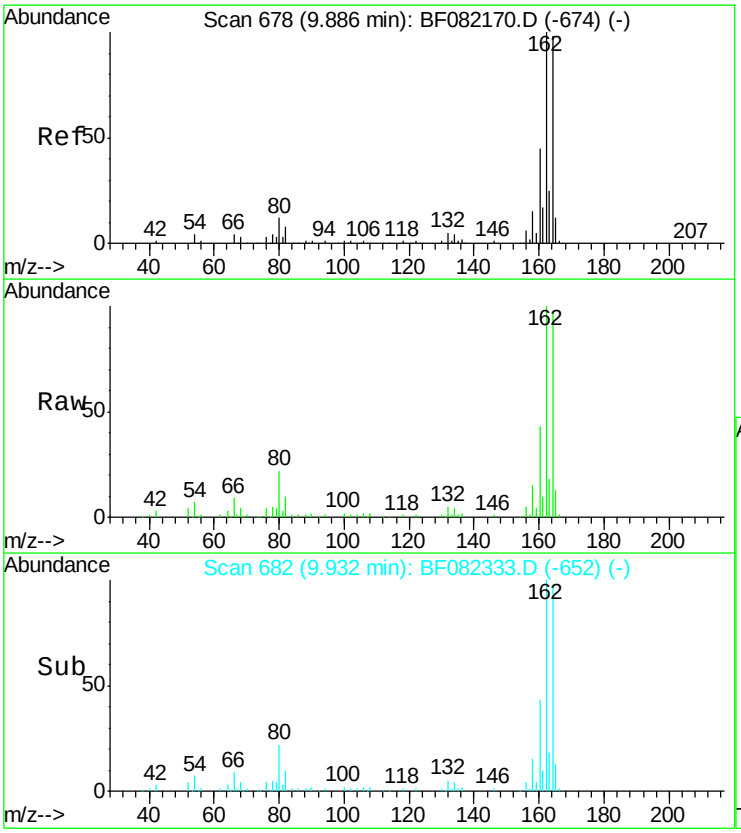
#25
Isophorone
Concen: 4.02 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.21 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion: 82 Resp: 29164

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

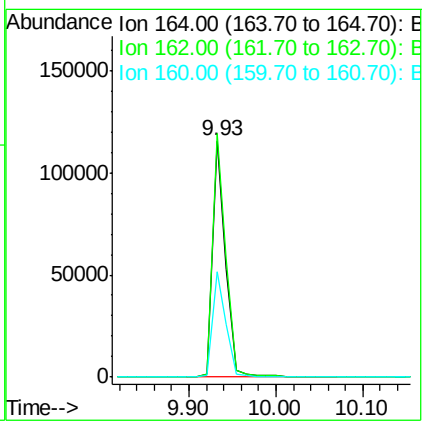


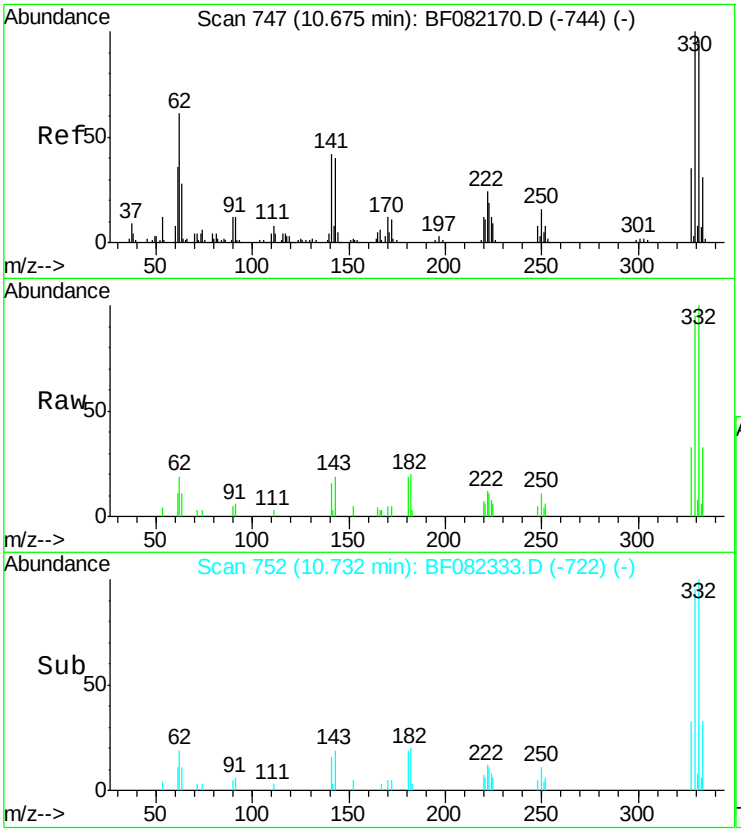


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:164 Resp: 122604

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	44.3	36.4	54.6



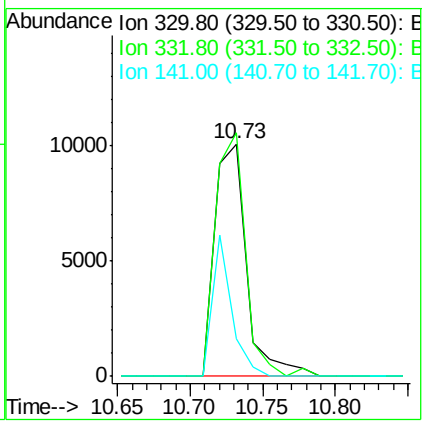


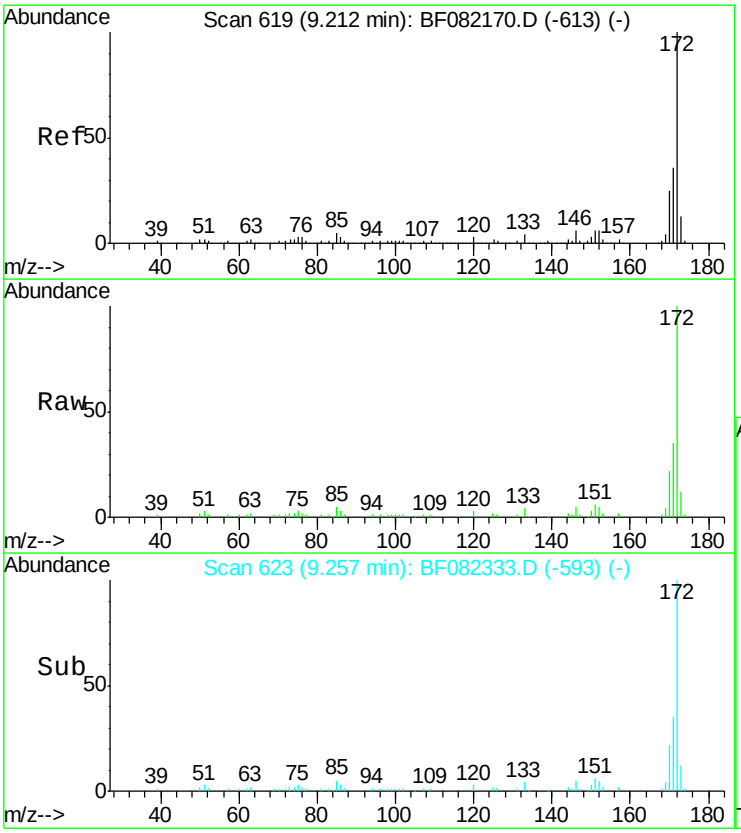
#41
2,4,6-Tribromophenol
Concen: 13.29 ng
RT: 10.73 min Scan# 752
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:330 Resp: 15278

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.1	115.7
141	36.6	29.8	44.8

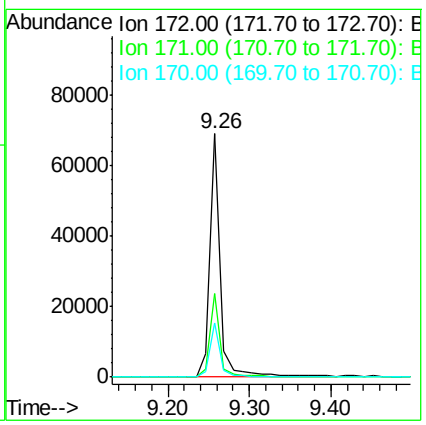


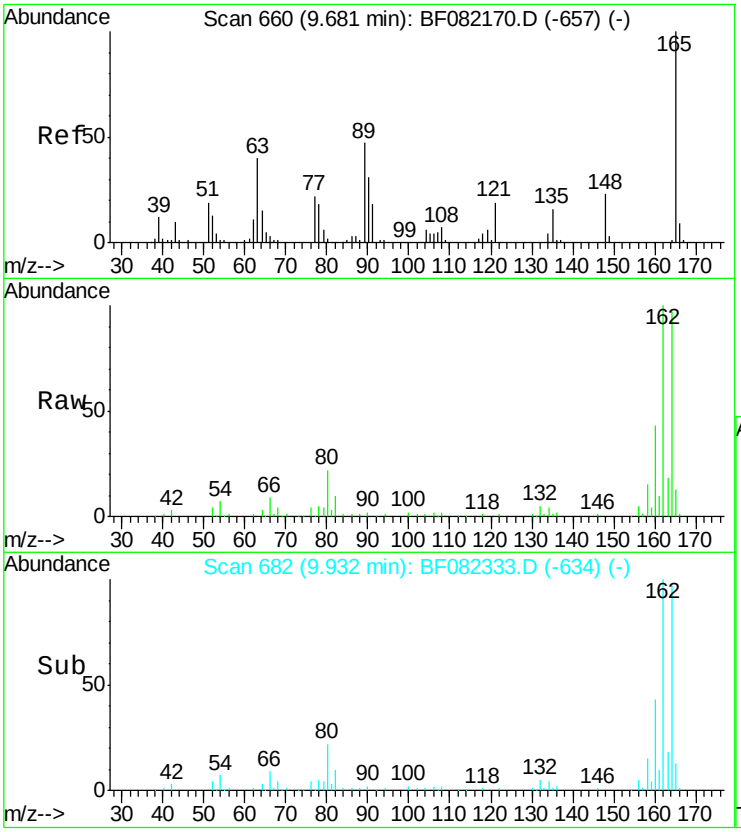


#44
2-Fluorobiphenyl
Concen: 8.54 ng
RT: 9.26 min Scan# 623
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:172 Resp: 63138

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.4	19.7	29.5



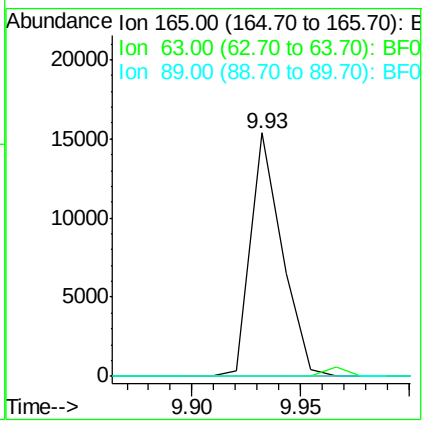


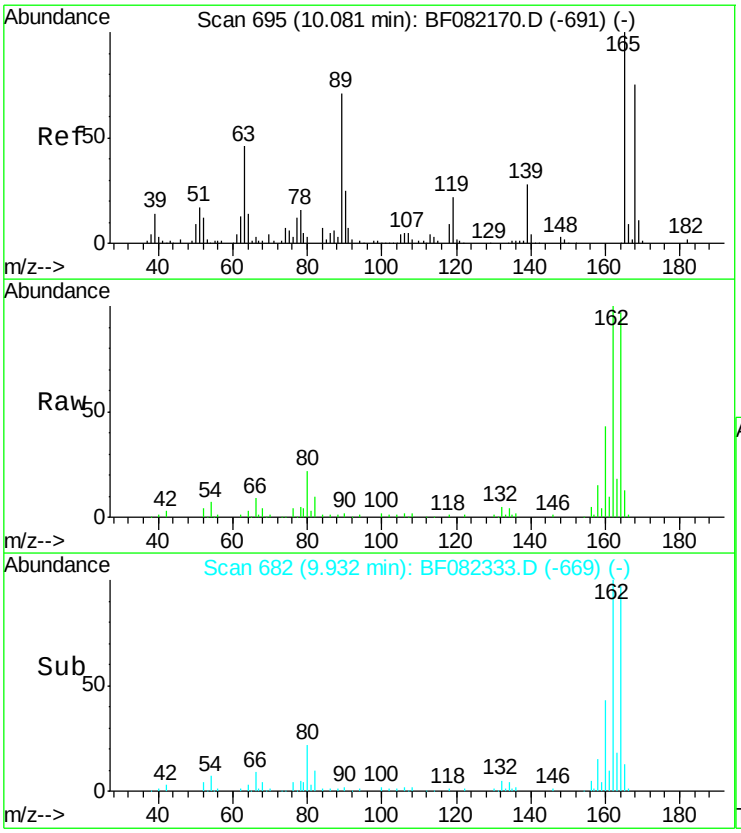
#50
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.25 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:165 Resp: 15530

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#

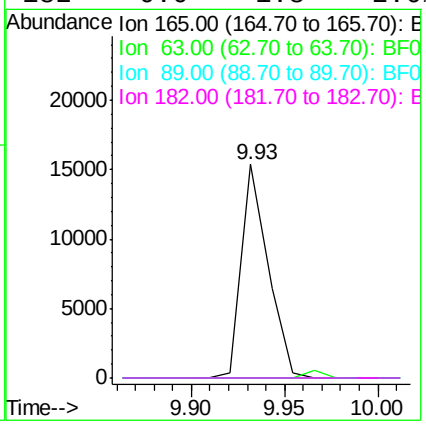


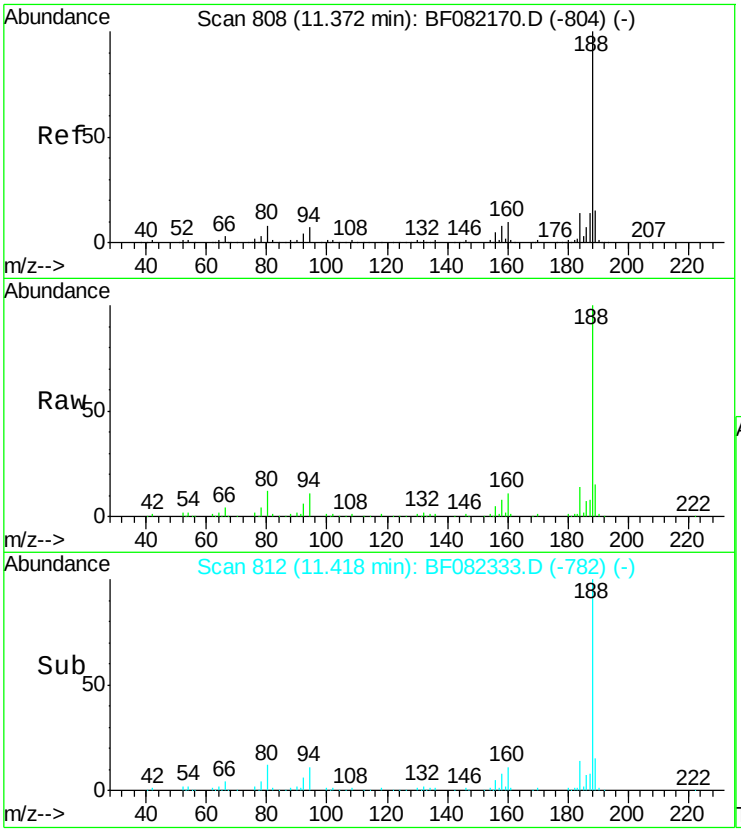


#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.15 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:165 Resp: 15531

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



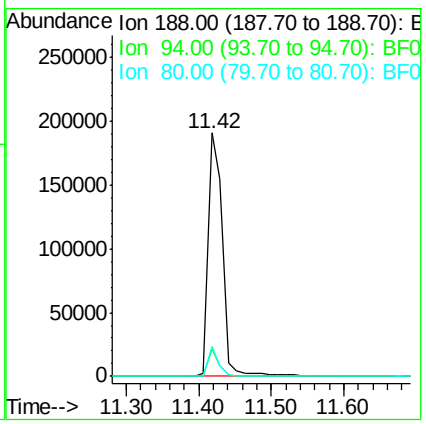


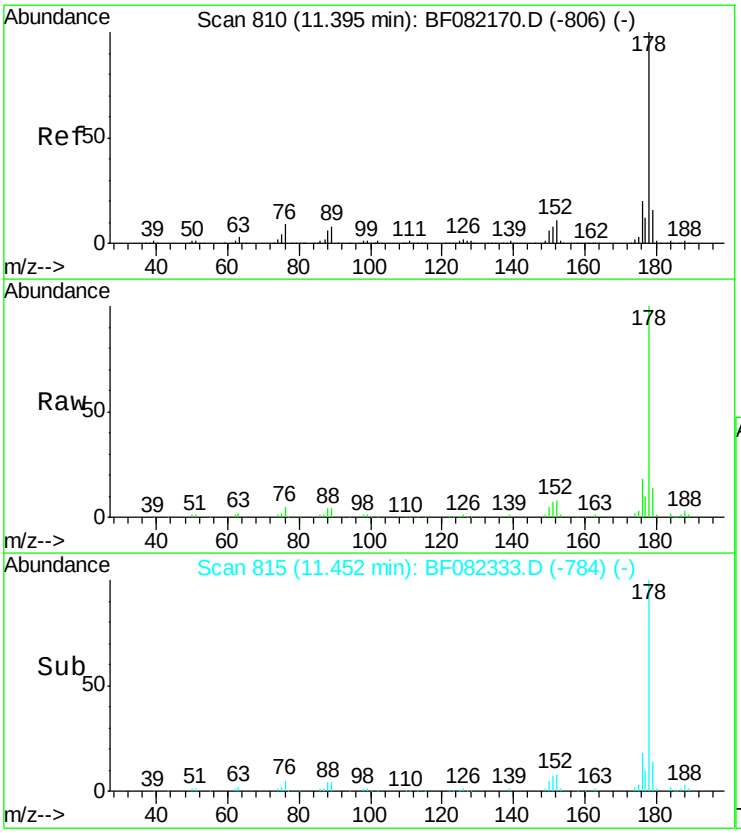
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:188 Resp: 258957

Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.8	8.6#
80	12.5	6.4	9.6#

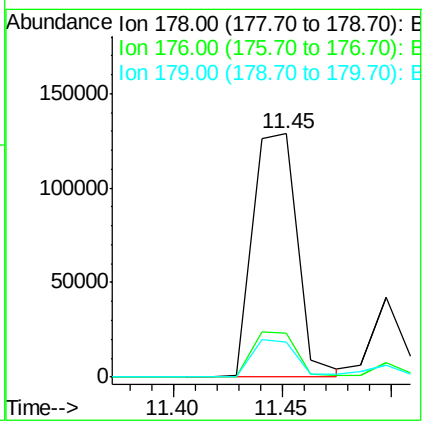


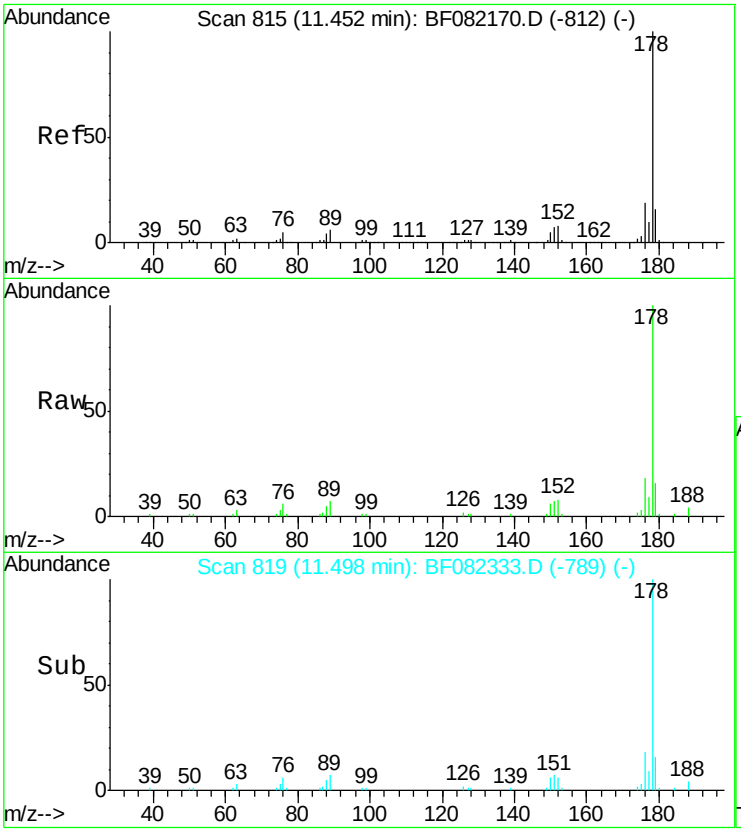


#70
Phenanthrene
Concen: 14.56 ng
RT: 11.45 min Scan# 815
Delta R.T. 0.06 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:178 Resp: 184849

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	14.5	12.6	19.0



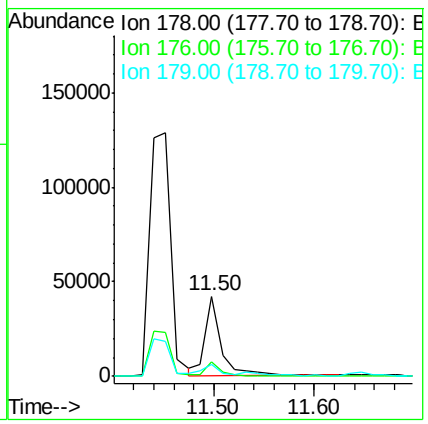


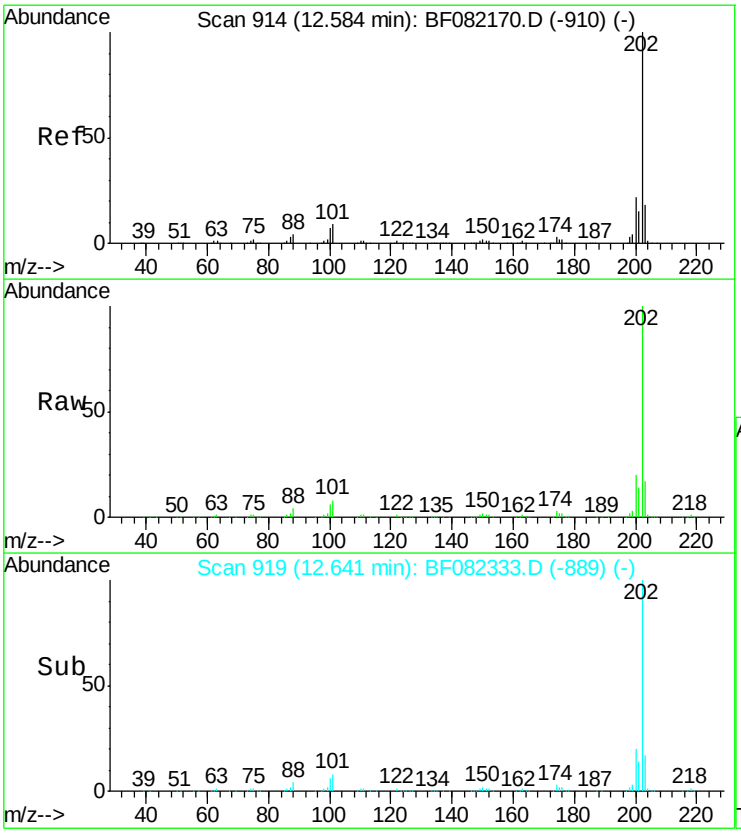
#71
Anthracene
Concen: 3.69 ng
RT: 11.50 min Scan# 819
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:178 Resp: 48304

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.5	12.5	18.7

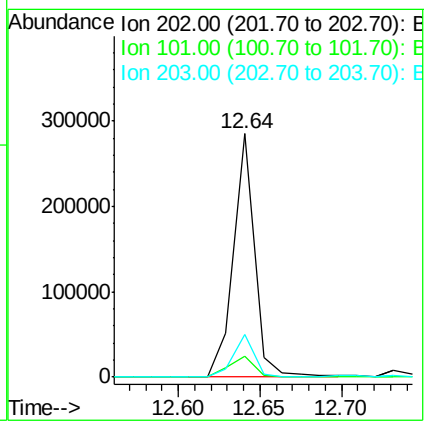


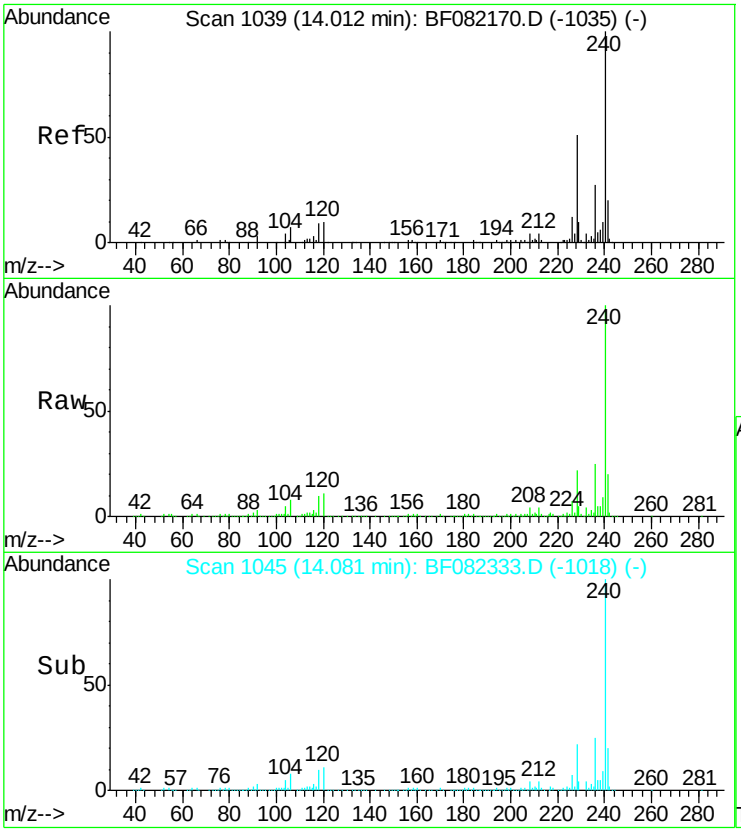


#74
Fluoranthene
Concen: 18.67 ng
RT: 12.64 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:202 Resp: 254582

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.3
203	17.3	0.0	37.8



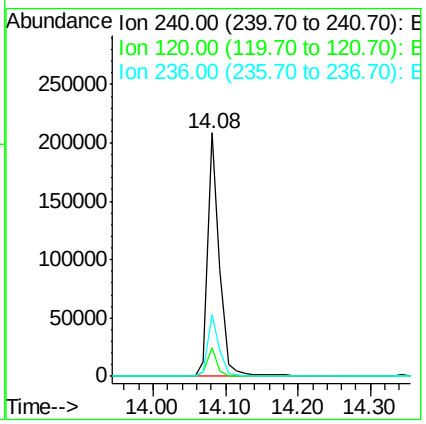


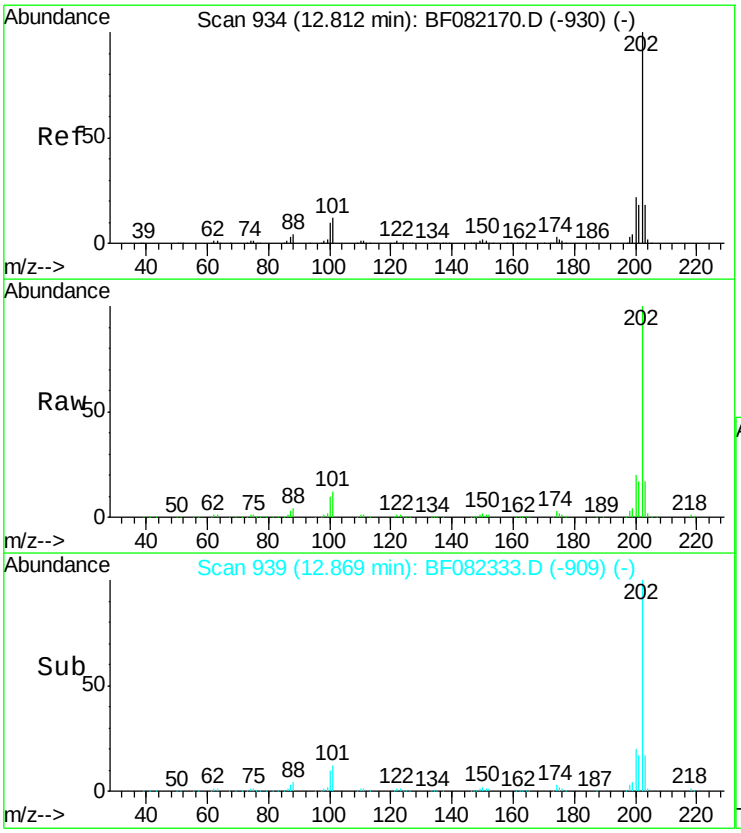
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:240 Resp: 234209

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	25.5	21.3	31.9

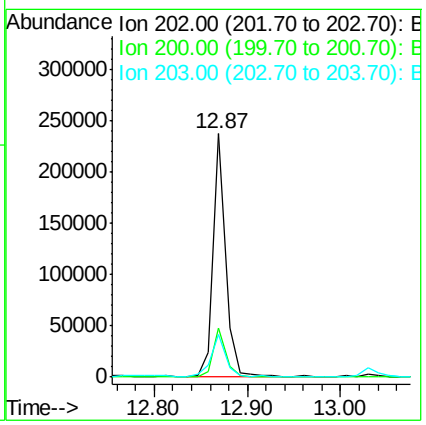


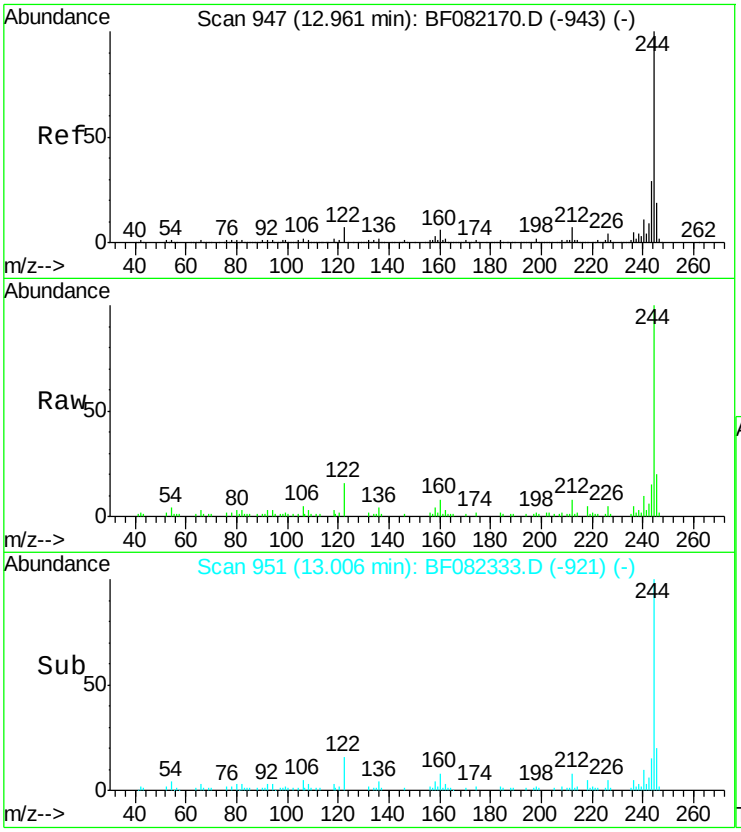


#77
Pyrene
Concen: 15.78 ng
RT: 12.87 min Scan# 939
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:202 Resp: 219285

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.9	26.9
203	17.5	14.5	21.7



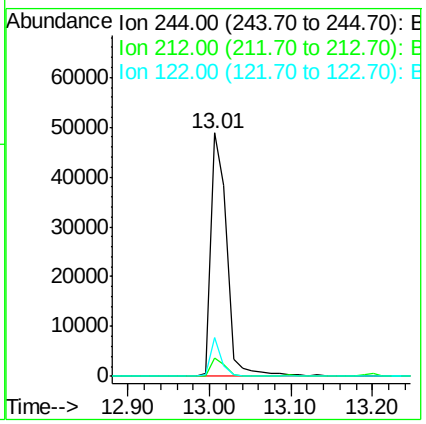


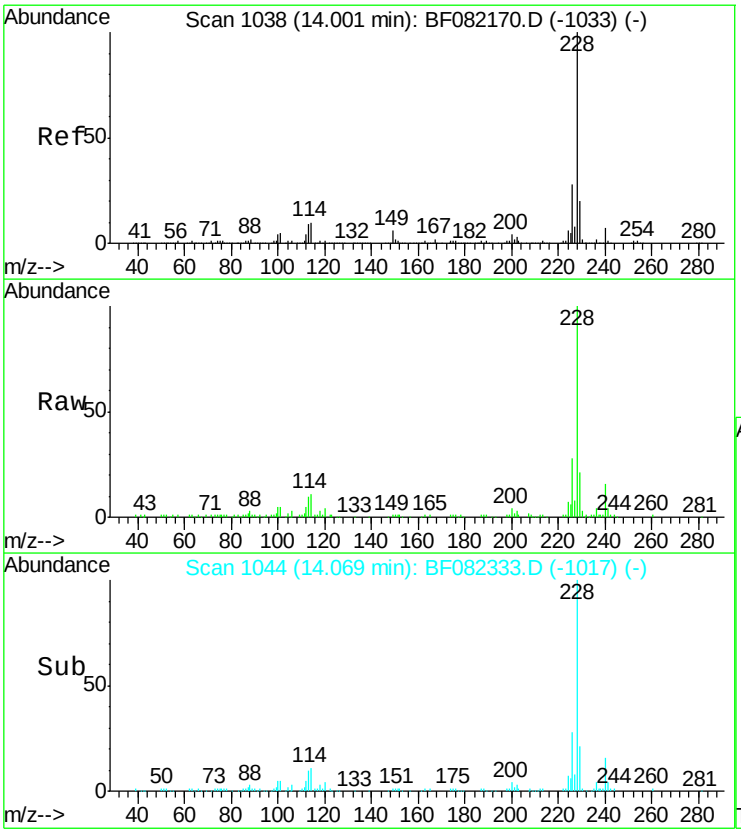
#78
Terphenyl-d14
Concen: 7.52 ng
RT: 13.01 min Scan# 951
Delta R.T. 0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:244 Resp: 66505

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	15.7	5.9	8.9#

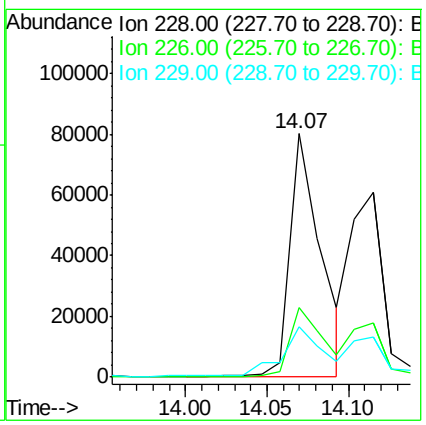


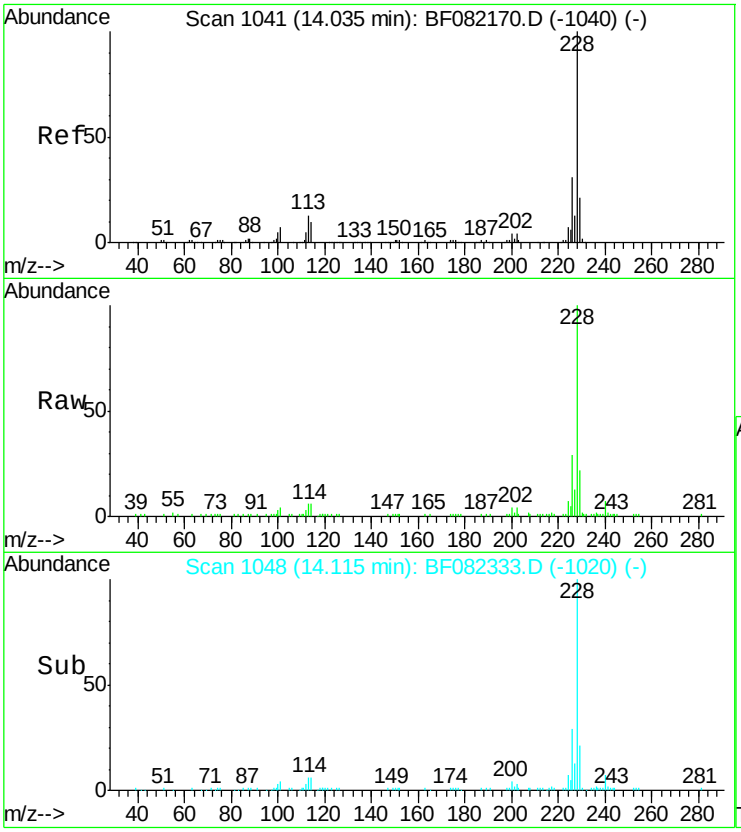


#80
Benzo(a)anthracene
Concen: 8.77 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:228 Resp: 106817

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.7	16.2	24.2



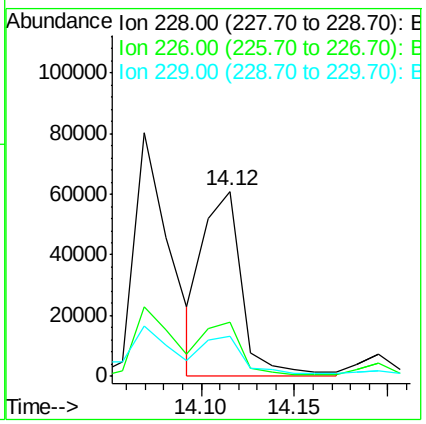


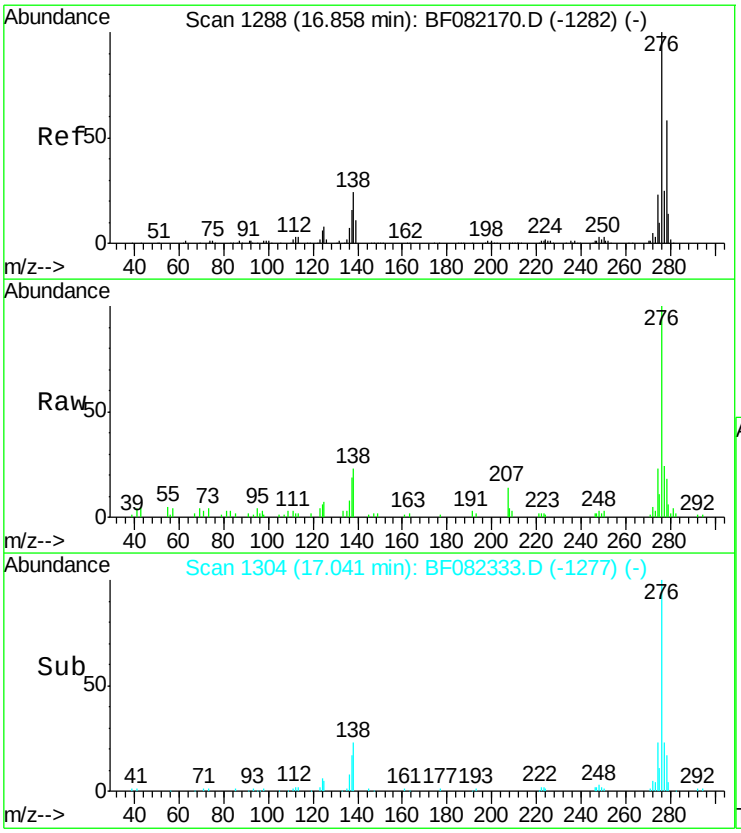
#82
Chrysene
Concen: 6.87 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:228 Resp: 88234

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	22.0	16.3	24.5

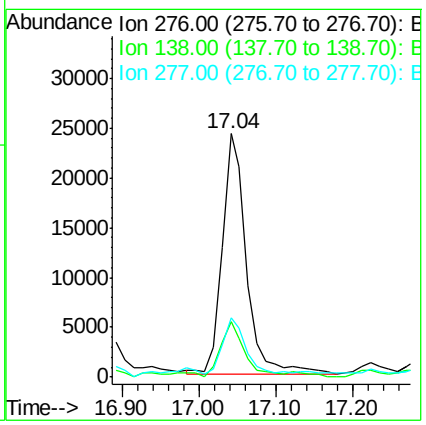


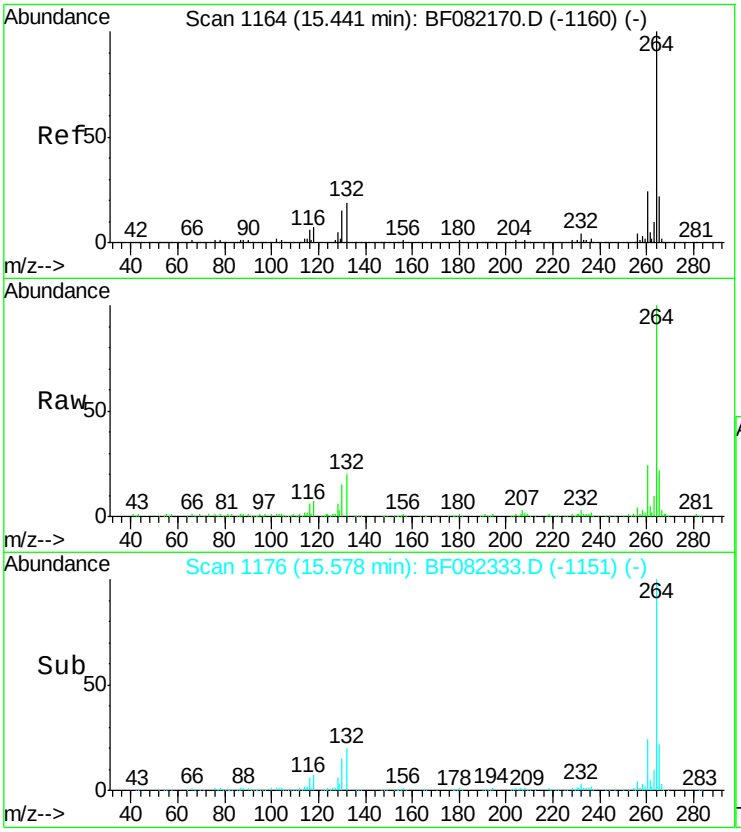


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.24 ng
RT: 17.04 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:276 Resp: 53507

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.7	29.5
277	22.2	20.1	30.1



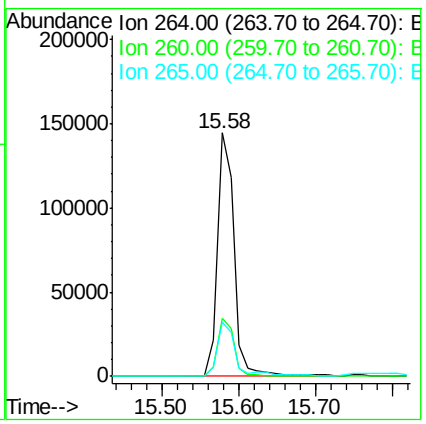


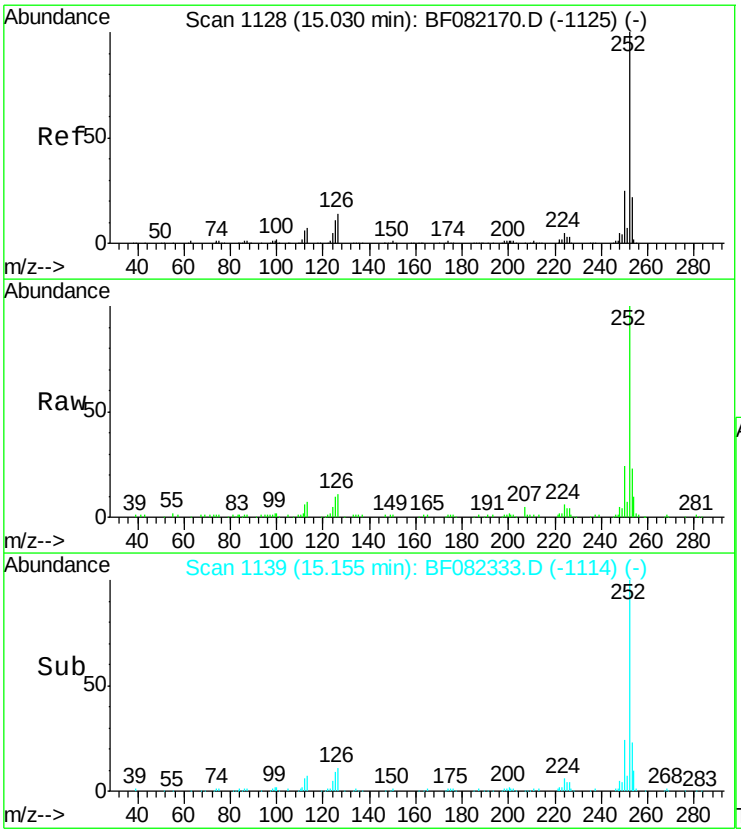
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:264 Resp: 220036

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	17.3	25.9

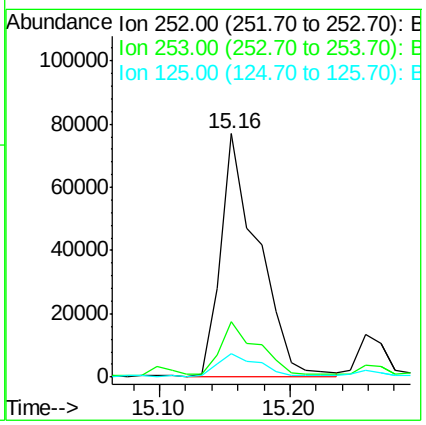


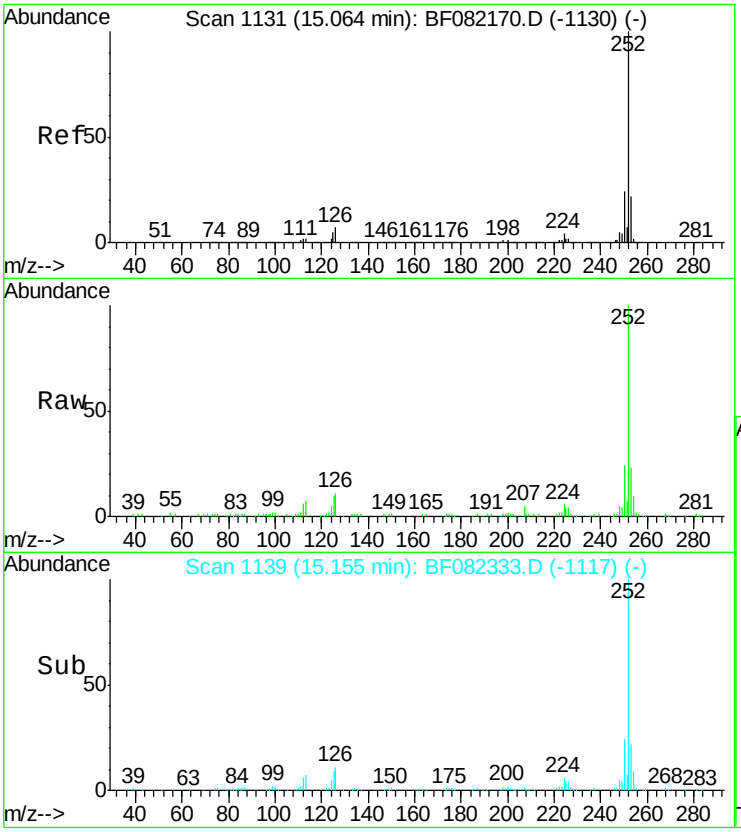


#87
Benzo(b)fluoranthene
Concen: 11.40 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:252 Resp: 152632

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	9.9	8.6	12.8



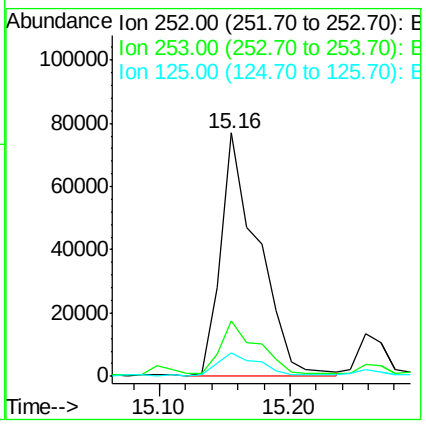


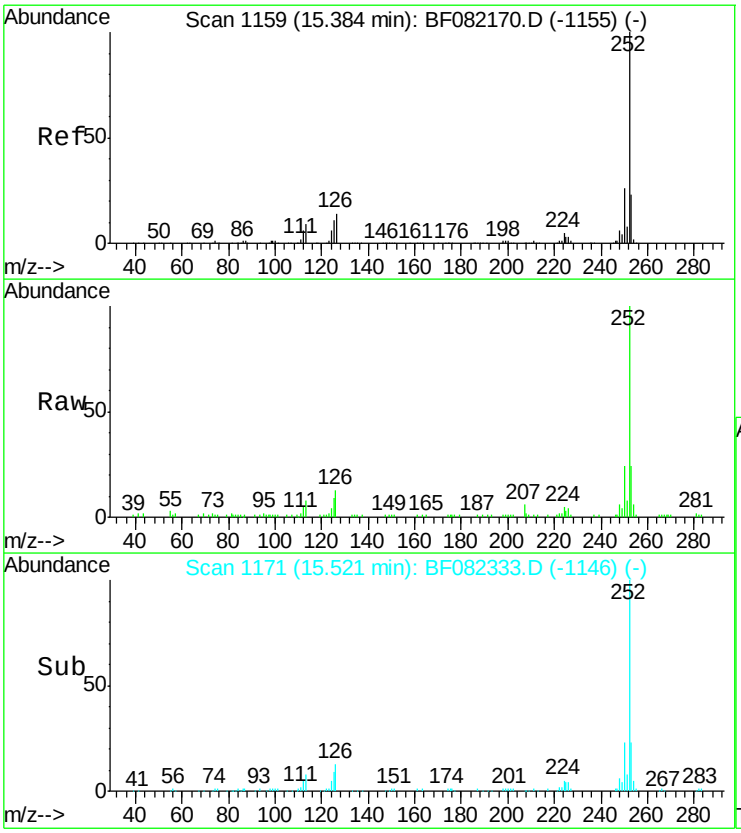
#88
Benzo(k)fluoranthene
Concen: 13.56 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:252 Resp: 152632

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.9	6.7	10.1

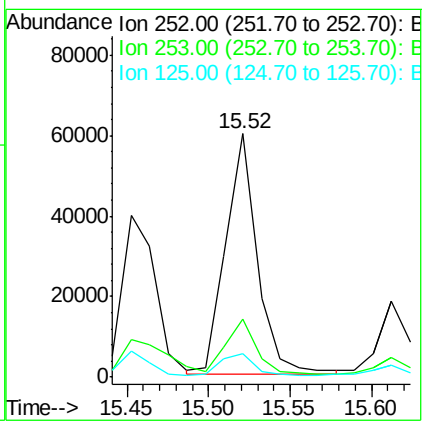


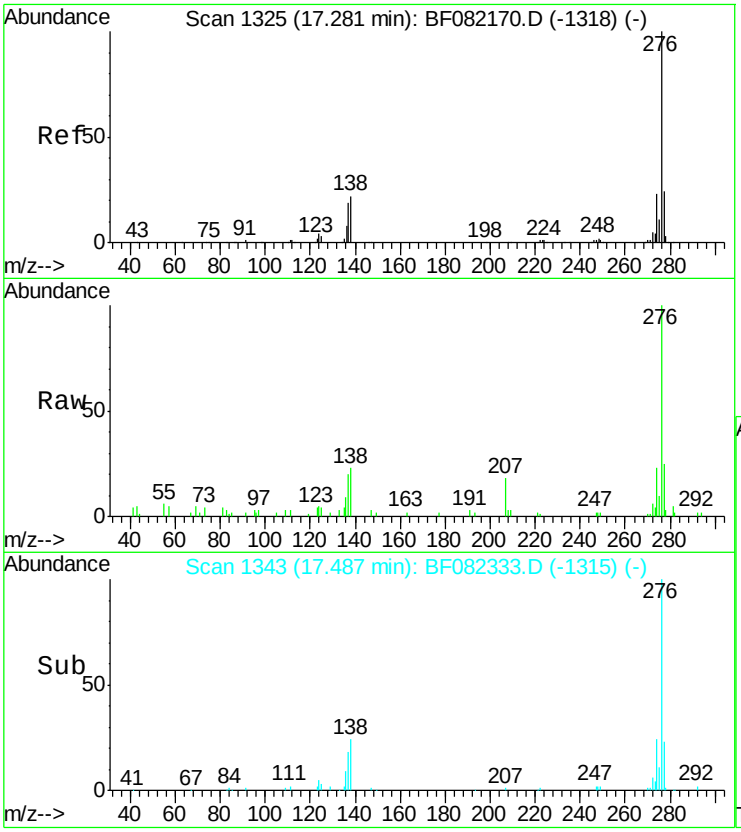


#89
Benzo(a)pyrene
Concen: 6.94 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Tgt Ion:252 Resp: 79790

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.4	8.9	13.3





#91
Benzo(g,h,i)perylene
Concen: 5.94 ng
RT: 17.49 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF082333.D
Acq: 16 Oct 2015 18:47

Instrument :
BNA_F
ClientSampleId :
TK1-2-20151015

Tgt Ion:276 Resp: 54421

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	23.3	17.4	26.2