Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080037.D
Acq On : 17 Jun 2015 22:27
Operator : TP/IZ
Sample : G2651-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-001

Quant Time: Jun 18 01:01:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	48690	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	188410	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	93779	20.00	ng		0.00
63) Phenanthrene-d10	11.90	188	200188	20.00	ng		-0.01
75) Chrysene-d12	14.75	240	229394	20.00	ng		-0.11
86) Perylene-d12	16.56	264	225168	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	244919	89.04	ng		0.00
7) Phenol-d6	6.94	99	359827	98.31	ng		0.00
23) Nitrobenzene-d5	7.89	82	184830	57.11	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	92350	100.71	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	435117	66.17	ng		0.00
78) Terphenyl-d14	13.53	244	542236	55.21	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.89	70	23925	9.41	ng	#	65
25) Isophorone	7.89	82	183384	28.16	ng	#	58
49) Dimethylphthalate	10.09	163	37315	5.29	ng	#	98
50) 2,6-Dinitrotoluene	10.40	165	11771	8.33	ng	#	39
56) 2,4-Dinitrotoluene	10.40	165	11772	6.56	ng	#	33
64) 4,6-Dinitro-2-methylphenol	11.19	198	217	3.74	ng	#	1
66) 4-Bromophenyl-phenylether	11.19	248	6969	3.27	ng	#	1
74) Fluoranthene	13.14	202	59116	4.58	ng		96
77) Pyrene	13.40	202	58717	4.16	ng		98
80) Benzo(a)anthracene	14.73	228	36127	2.59	ng		92
82) Chrysene	14.78	228	36337	2.82	ng		93
85) Indeno(1,2,3-cd)pyrene	18.40	276	33832	2.08	ng	#	76
87) Benzo(b)fluoranthene	16.03	252	86443	6.34	ng	#	91
88) Benzo(k)fluoranthene	16.03	252	86443	6.23	ng	#	92
89) Benzo(a)pyrene	16.40	252	33706	2.60	ng		94
91) Benzo(g,h,i)perylene	18.96	276	39729	2.97	ng	#	77

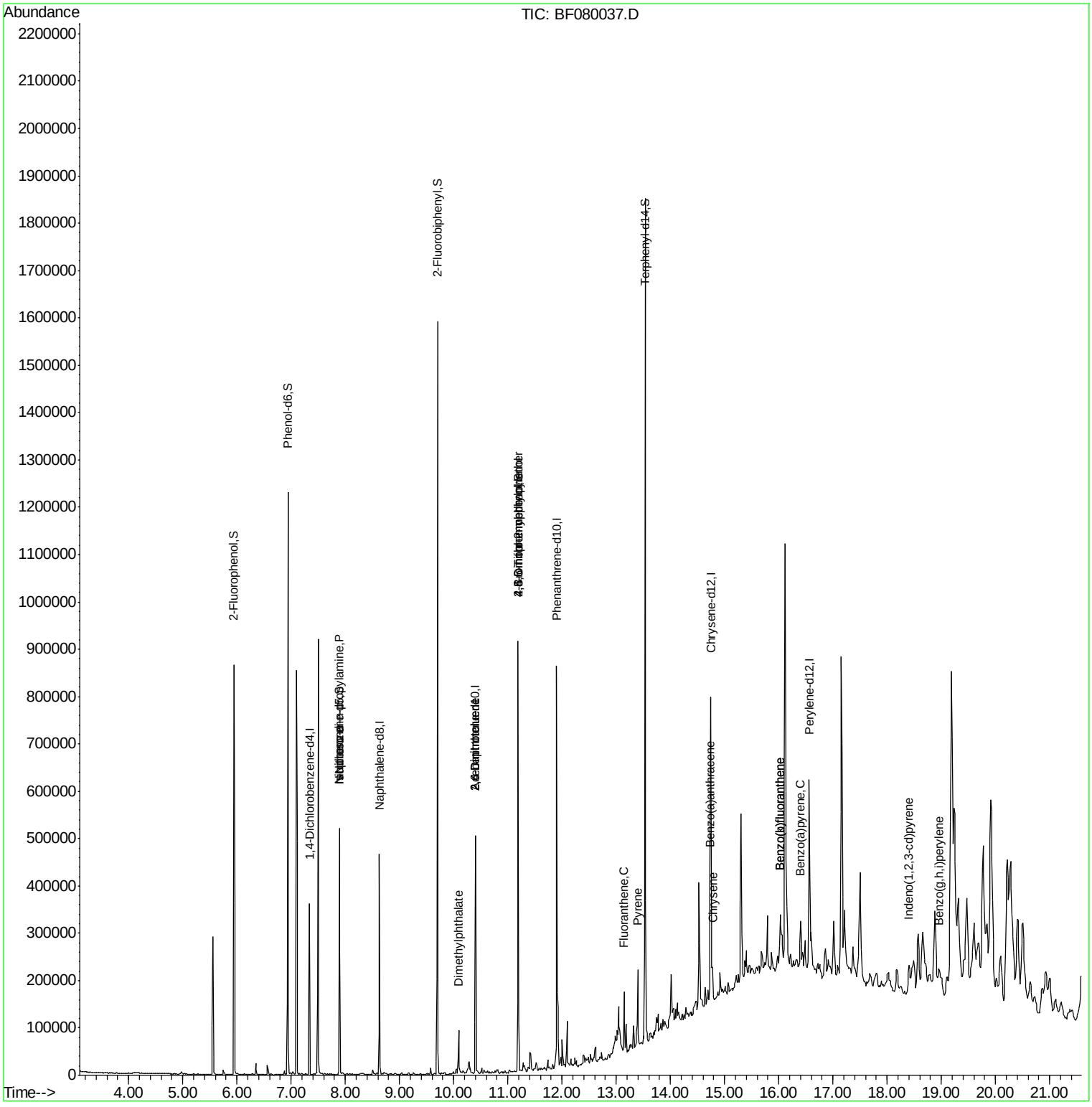
(#) = qualifier out of range (m) = manual integration (+) = signals summed

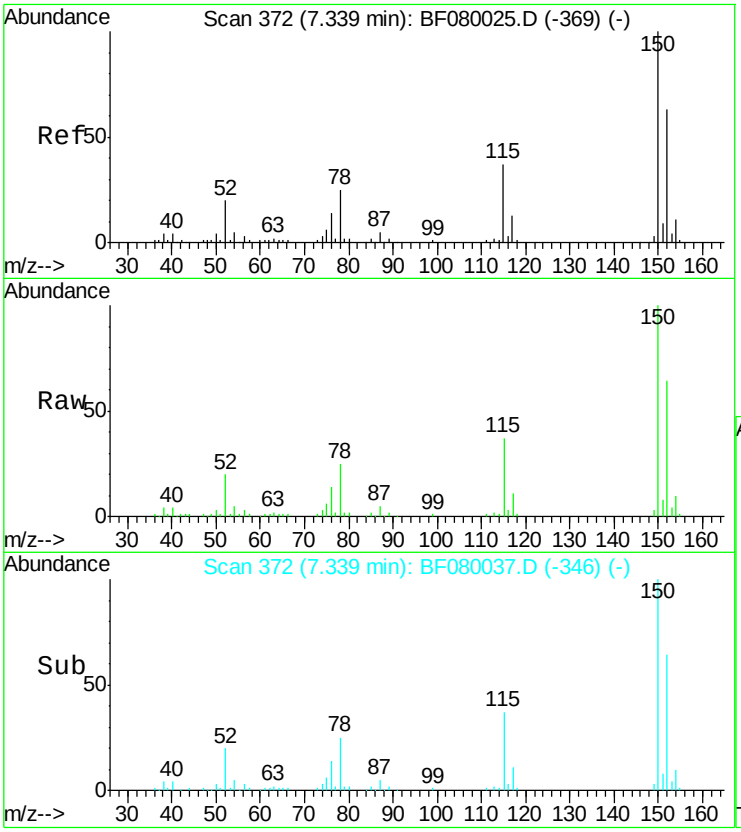
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080037.D
Acq On : 17 Jun 2015 22:27
Operator : TP/IZ
Sample : G2651-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Quant Time: Jun 18 01:01:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration



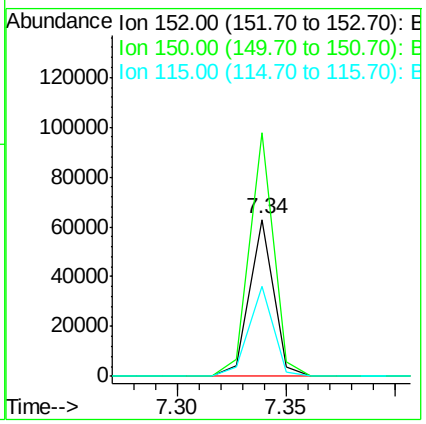


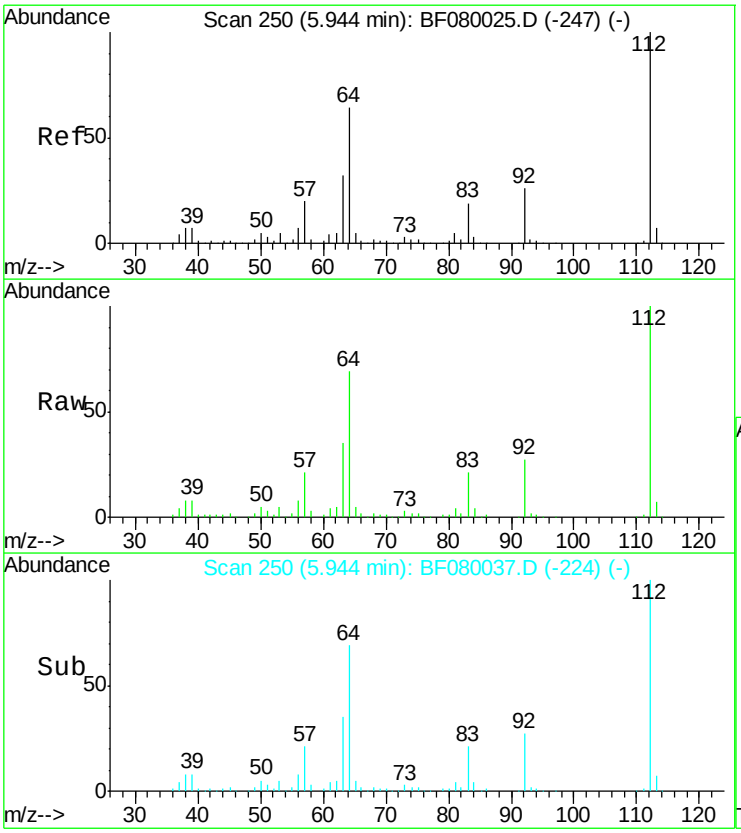
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:152 Resp: 48690

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	57.7	39.0	58.4

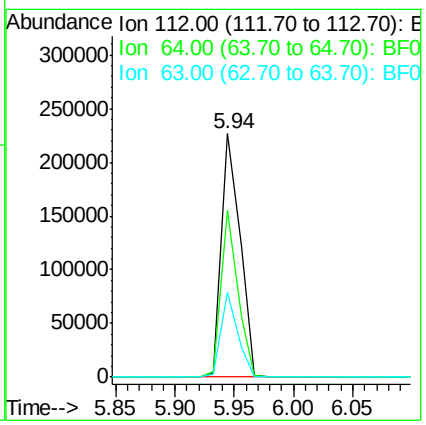


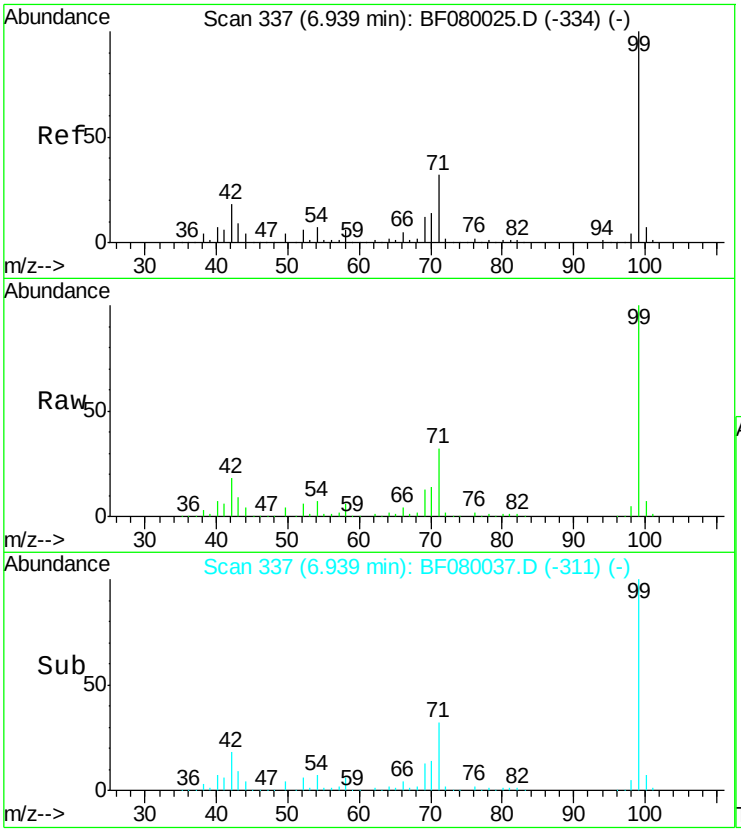


#5
2-Fluorophenol
Concen: 89.04 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:112 Resp: 244919

Ion	Ratio	Lower	Upper
112	100		
64	68.6	39.7	59.5#
63	35.1	17.4	26.0#



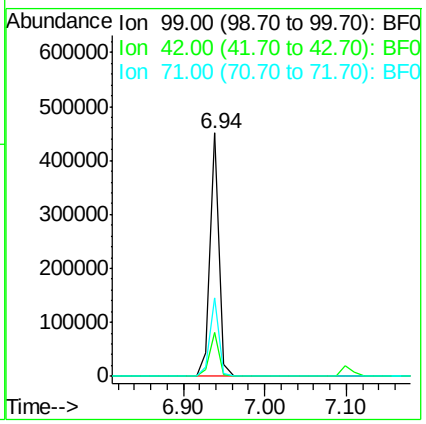


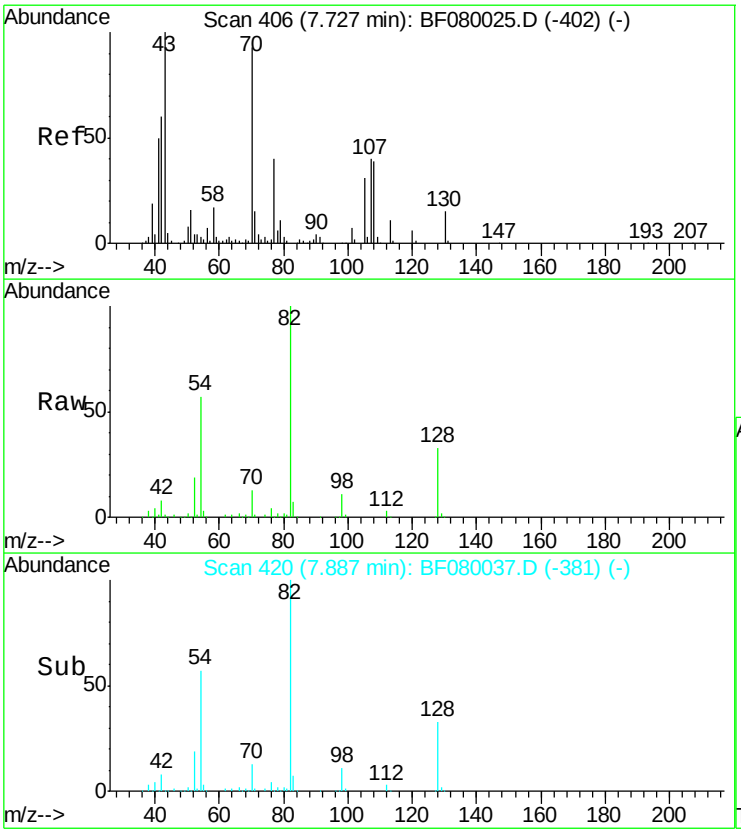
#7
Phenol-d6
Concen: 98.31 ng
RT: 6.94 min Scan# 337
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion: 99 Resp: 359827

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	32.1	14.2	21.2#

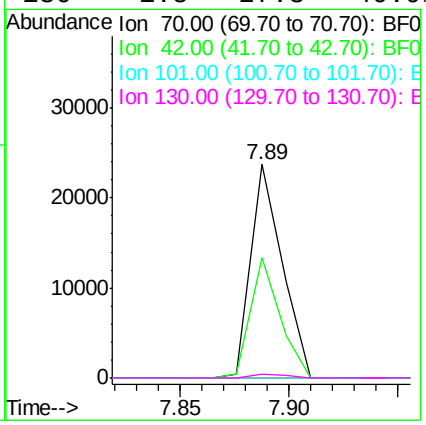


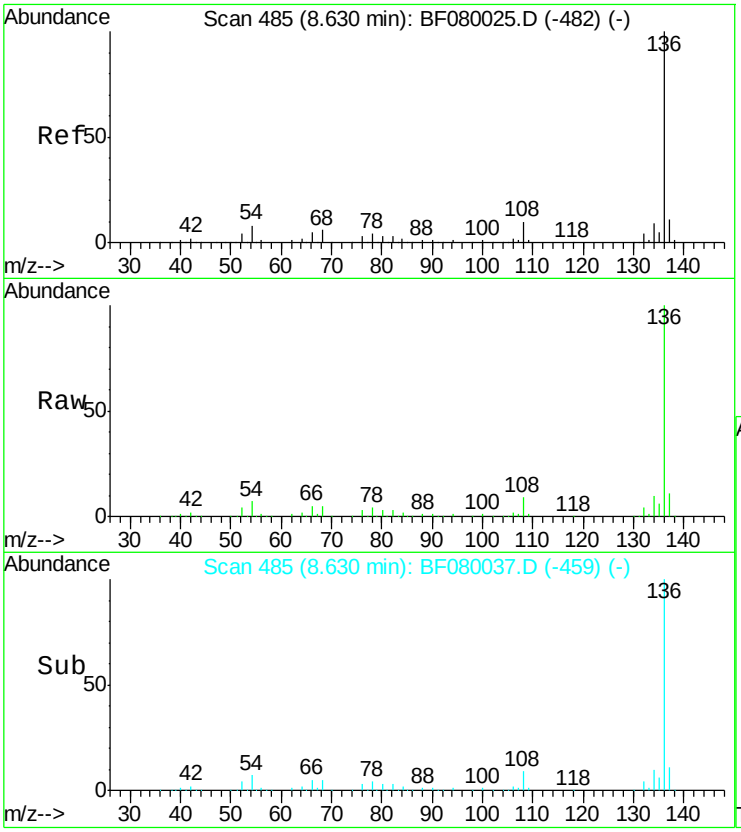


#19
n-Nitroso-di-n-propylamine
Concen: 9.41 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion: 70 Resp: 23925

Ion	Ratio	Lower	Upper
70	100		
42	56.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.5	27.3	40.9#



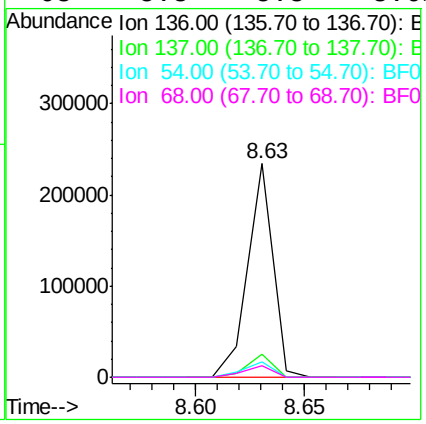


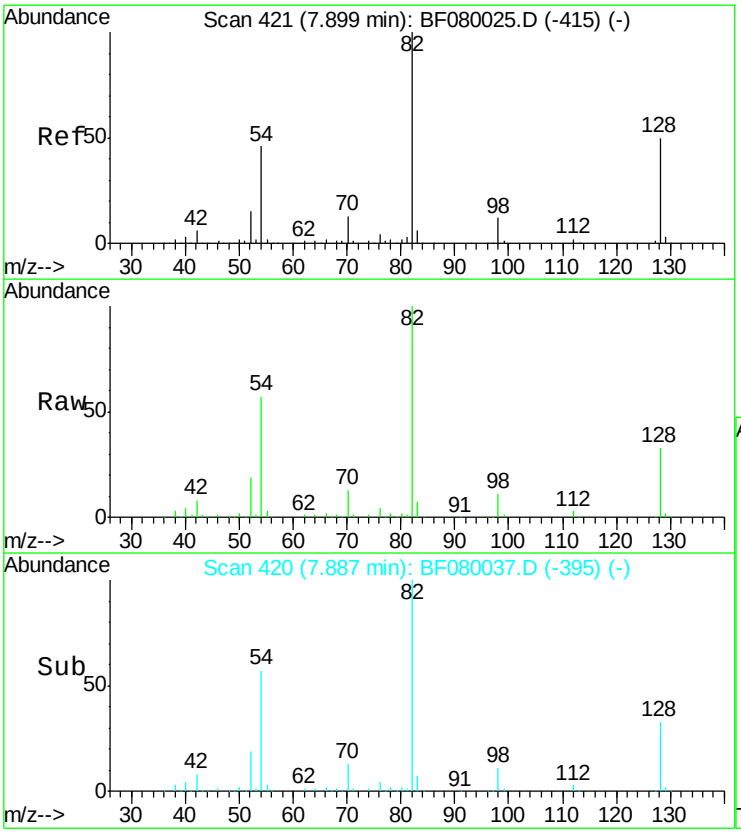
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:136 Resp: 188410

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.2	8.2	12.2#
68	5.3	5.8	8.6#

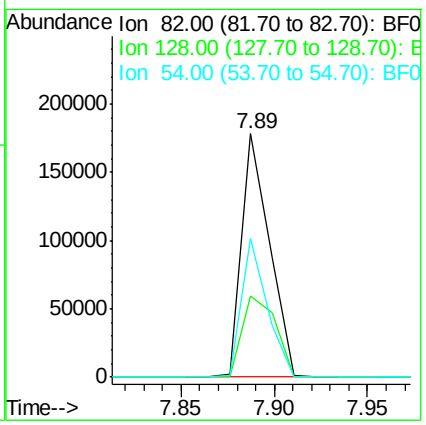


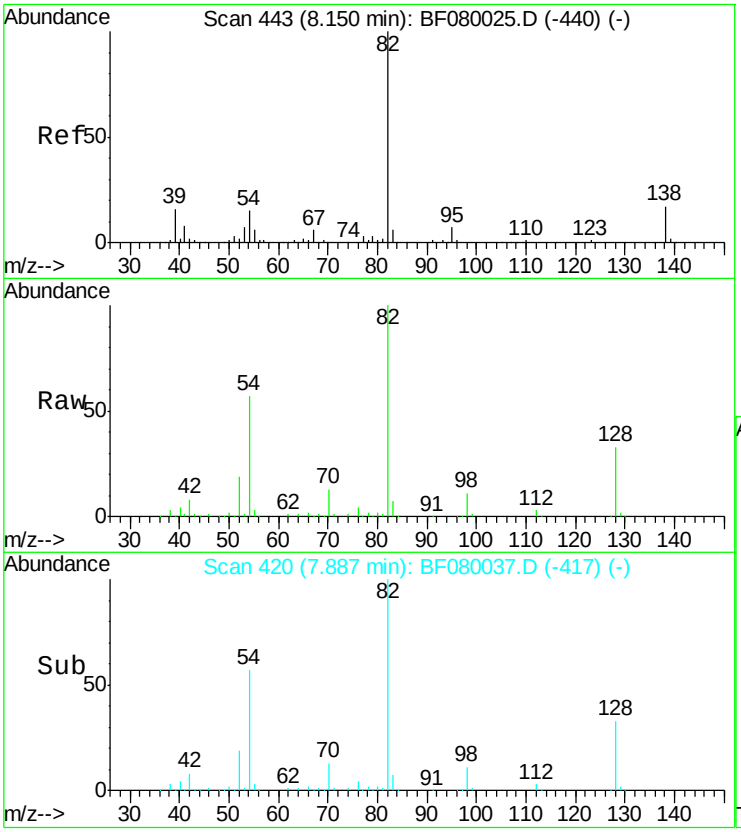


#23
Nitrobenzene-d5
Concen: 57.11 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion: 82 Resp: 184830

Ion	Ratio	Lower	Upper
82	100		
128	33.3	51.0	76.6#
54	57.2	47.5	71.3



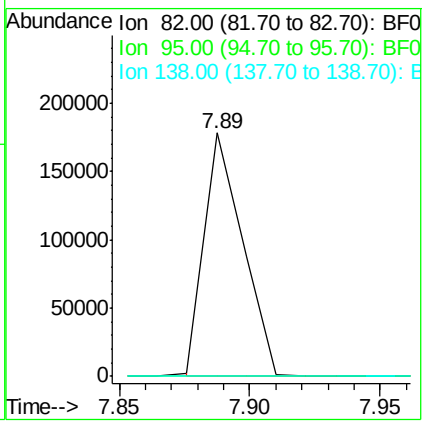


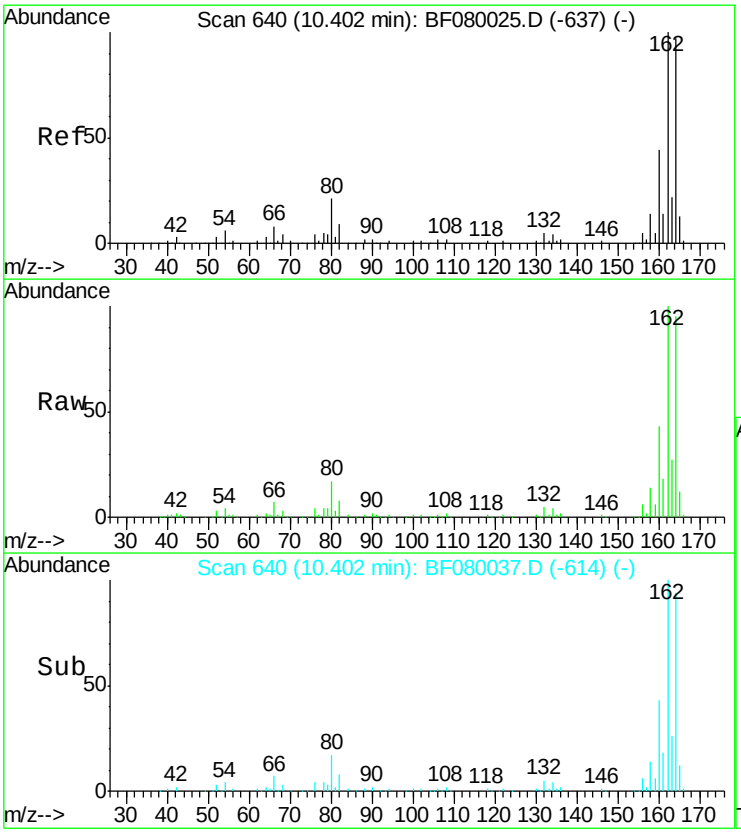
#25
Isophorone
Concen: 28.16 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.26 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion: 82 Resp: 183384

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

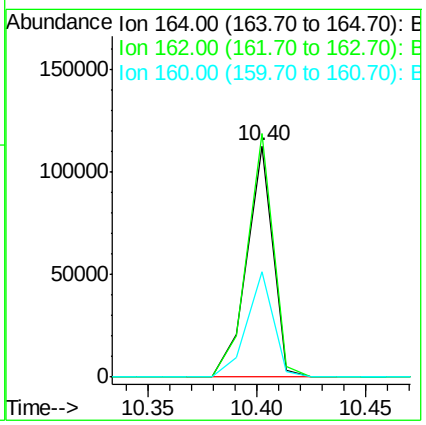


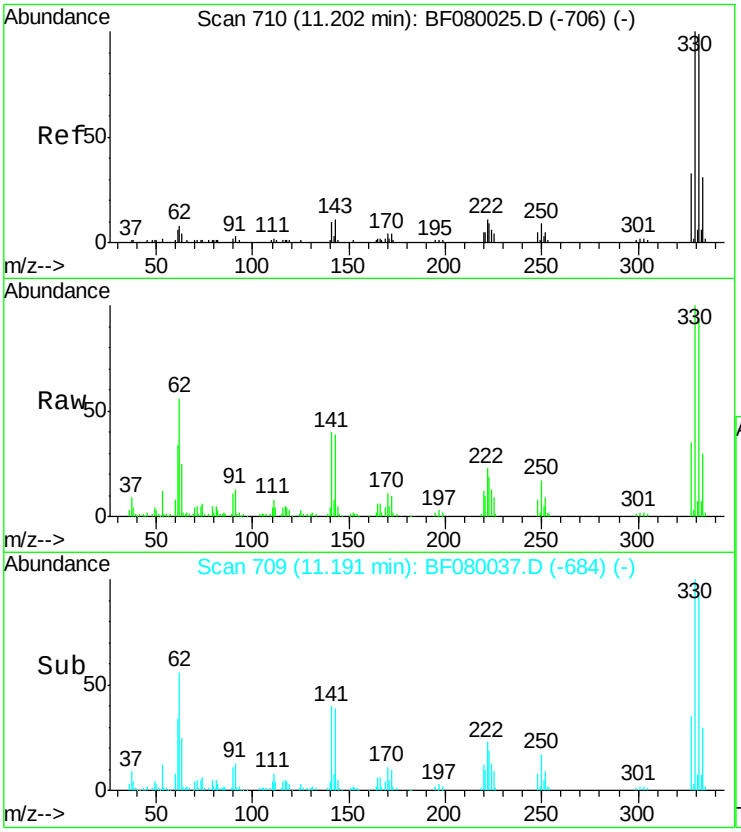


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:164 Resp: 93779

Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	45.5	31.5	47.3



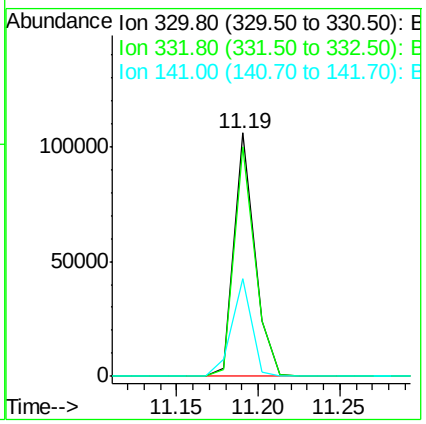


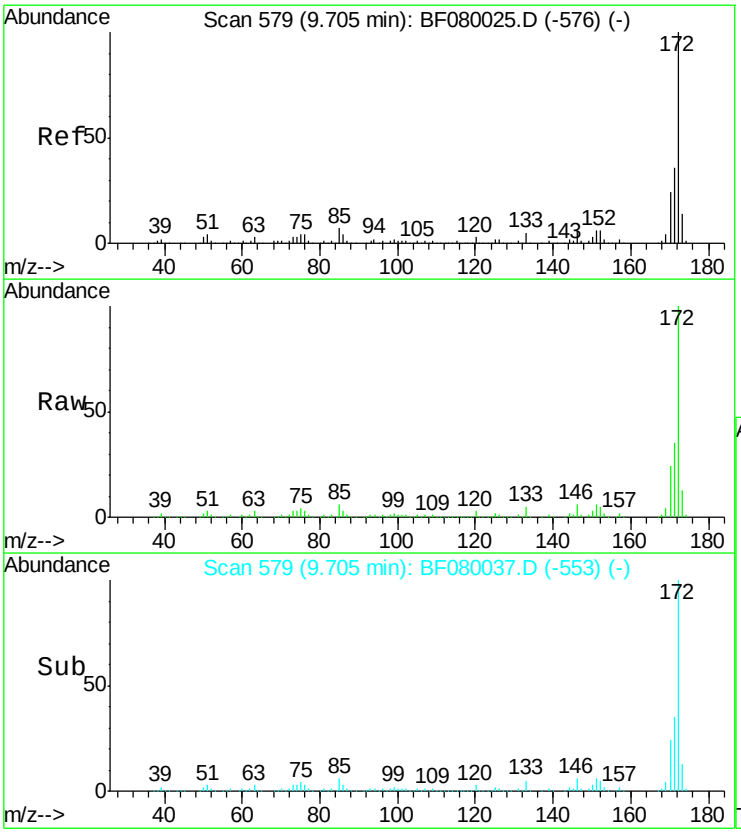
#41
2,4,6-Tribromophenol
Concen: 100.71 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:330 Resp: 92350

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	38.5	29.7	44.5

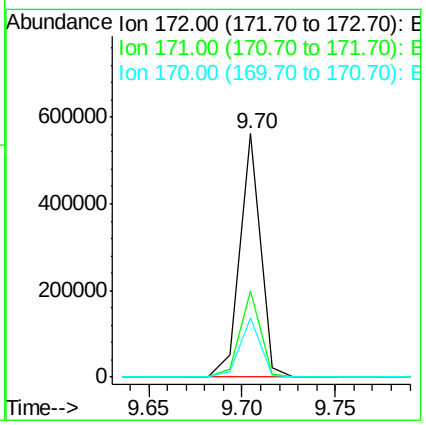


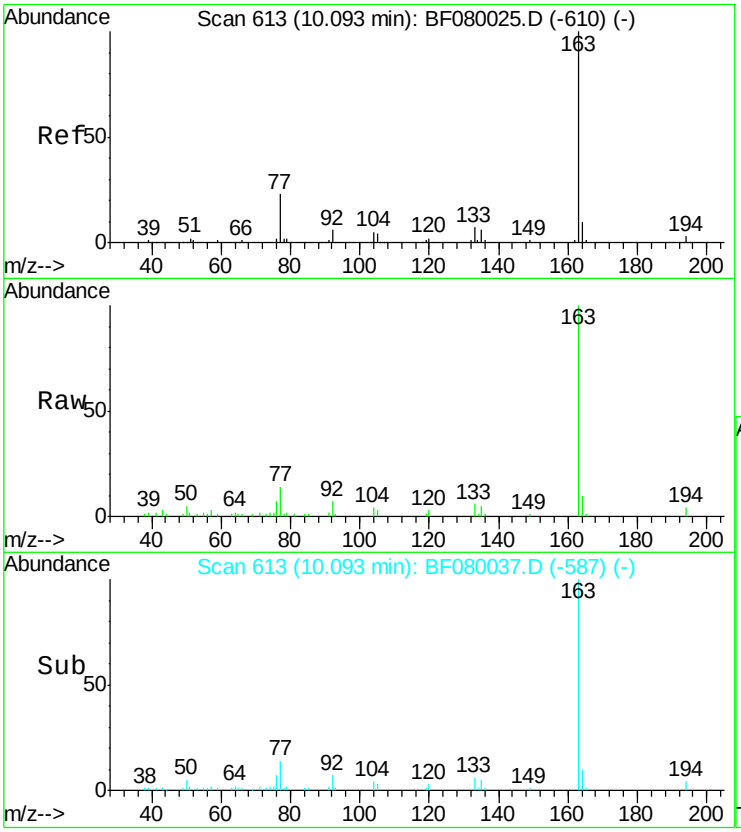


#44
2-Fluorobiphenyl
Concen: 66.17 ng
RT: 9.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:172 Resp: 435117

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	24.3	17.4	26.2



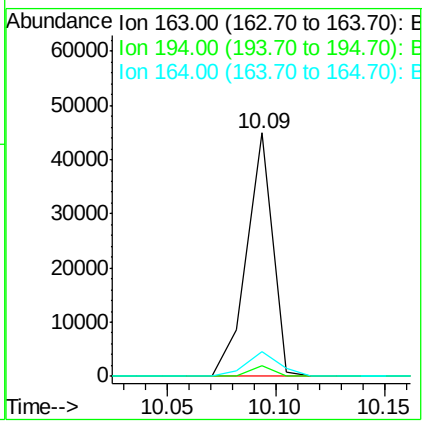


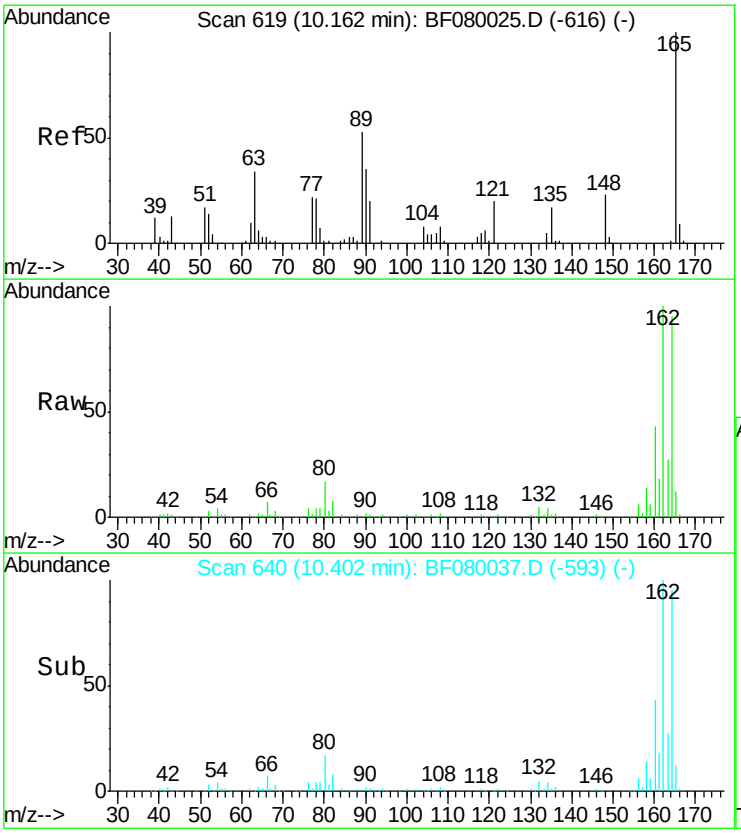
#49
Dimethylphthalate
Concen: 5.29 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:163 Resp: 37315

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	10.0	8.3	12.5

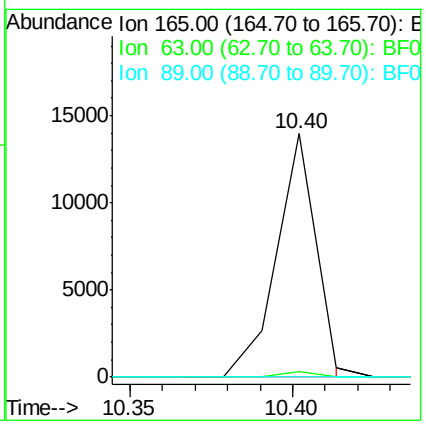


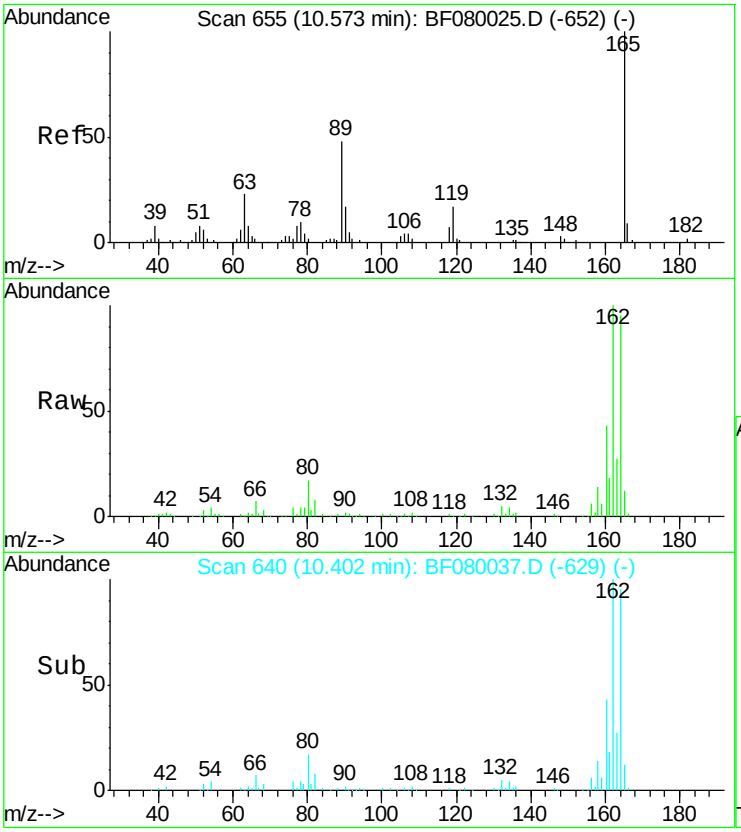


#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.24 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:165 Resp: 11771

Ion	Ratio	Lower	Upper
165	100		
63	2.2	32.3	48.5#
89	0.0	28.6	43.0#



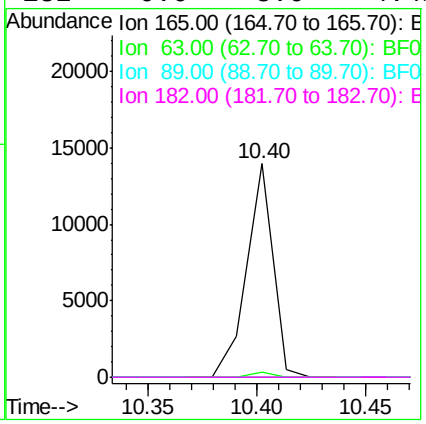


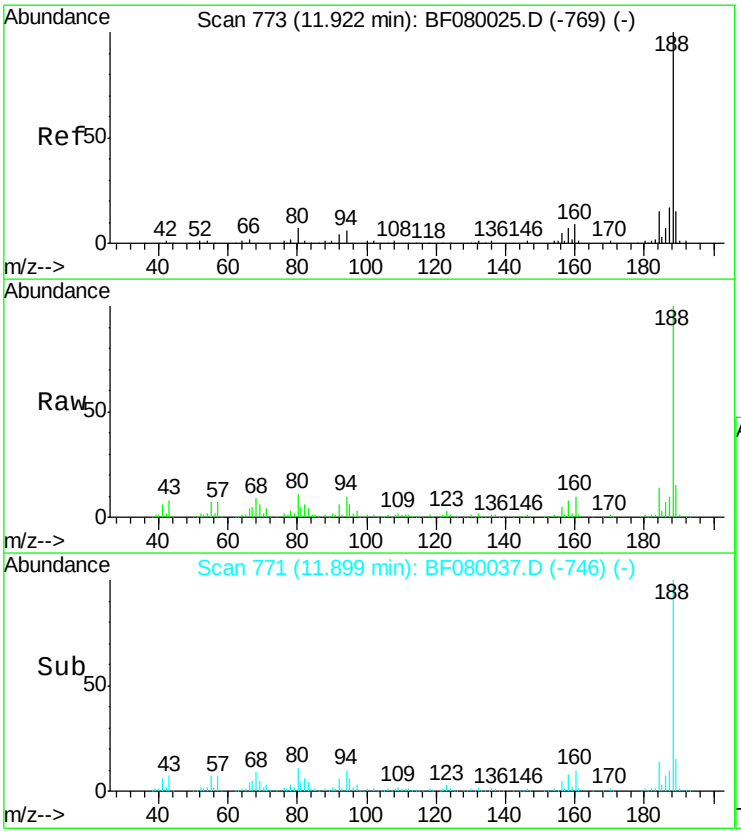
#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.17 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:165 Resp: 11772

Ion	Ratio	Lower	Upper
165	100		
63	2.2	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

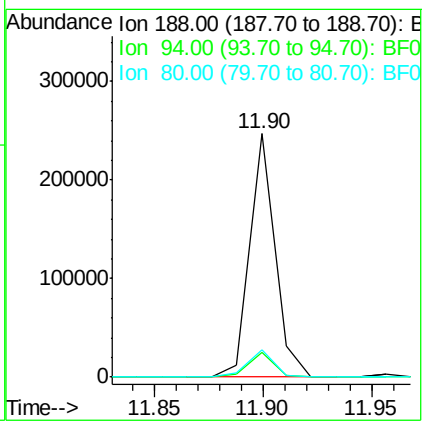


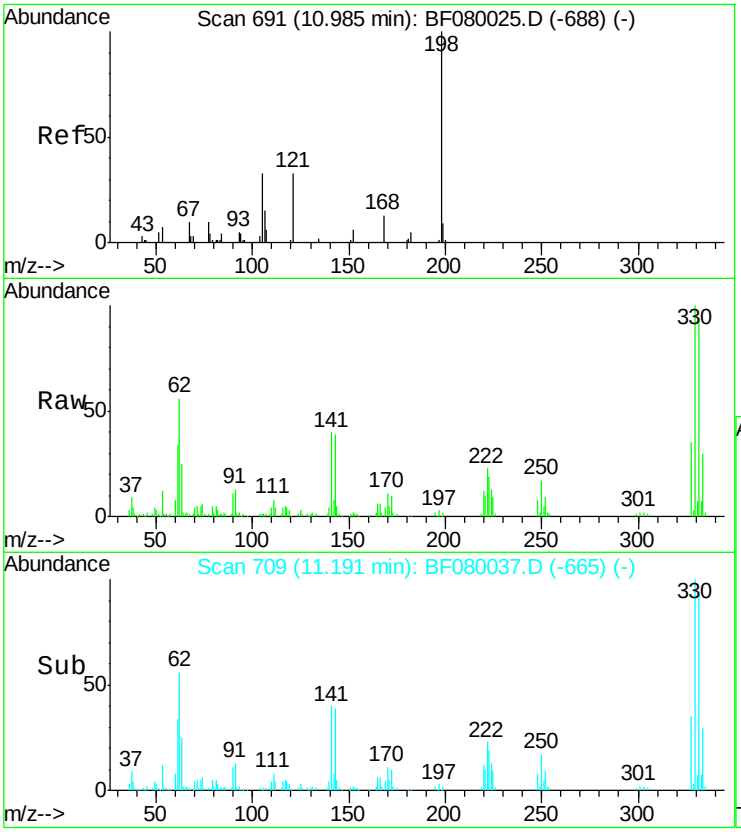


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:188 Resp: 200188

Ion	Ratio	Lower	Upper
188	100		
94	10.3	11.1	16.7#
80	11.2	11.0	16.4



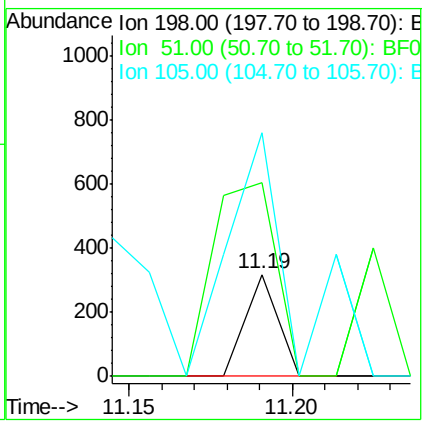


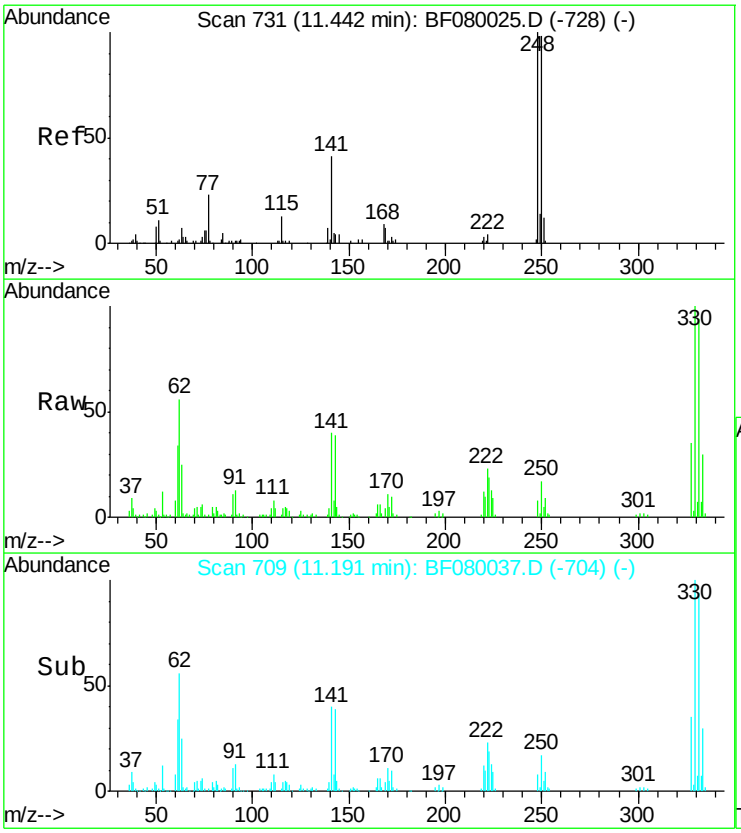
#64
4,6-Dinitro-2-methylphenol
Concen: 3.74 ng
RT: 11.19 min Scan# 709
Delta R.T. 0.21 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:198 Resp: 217

Ion	Ratio	Lower	Upper
198	100		
51	190.5	39.6	79.6#
105	239.7	28.5	68.5#

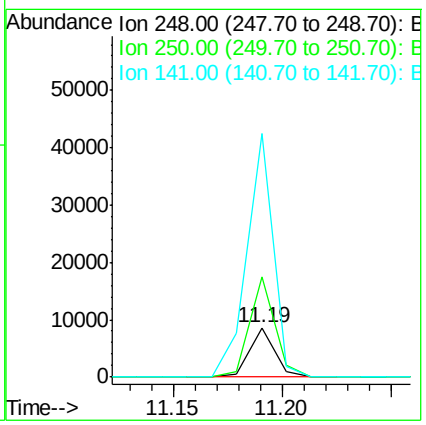


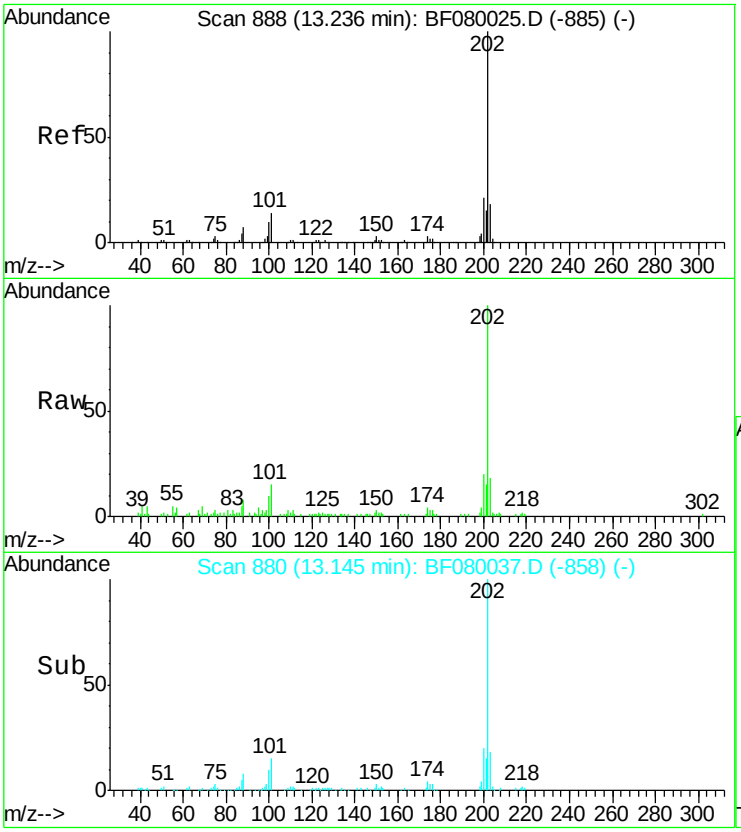


#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:248 Resp: 6969

Ion	Ratio	Lower	Upper
248	100		
250	203.5	78.5	117.7#
141	491.2	59.0	88.6#



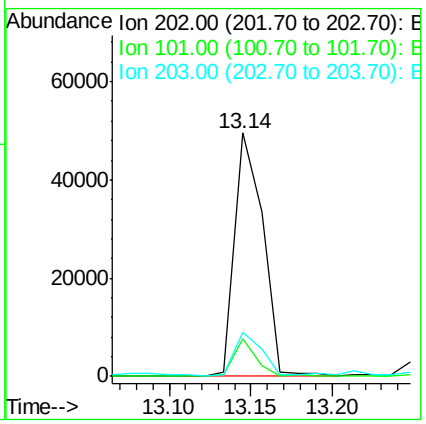


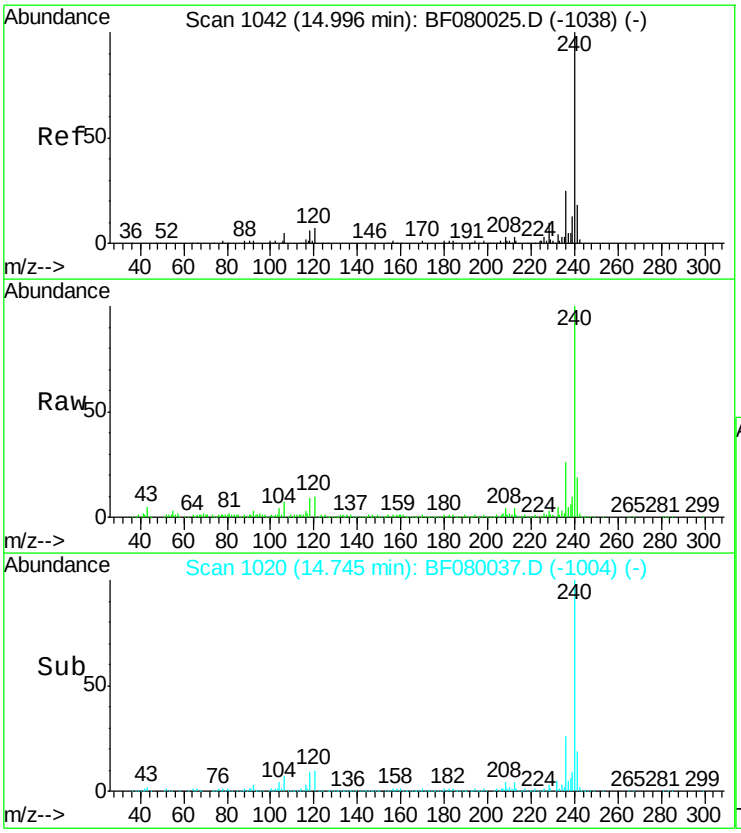
#74
Fluoranthene
Concen: 4.58 ng
RT: 13.14 min Scan# 880
Delta R.T. -0.05 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:202 Resp: 59116

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	38.3
203	18.1	0.0	37.3

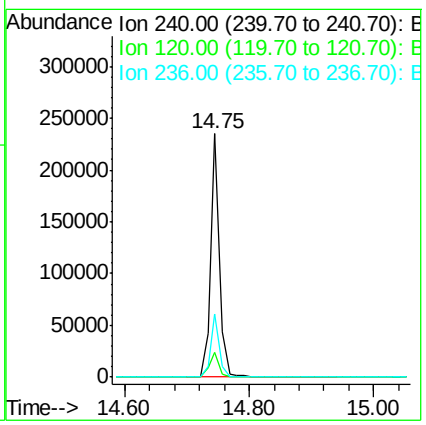


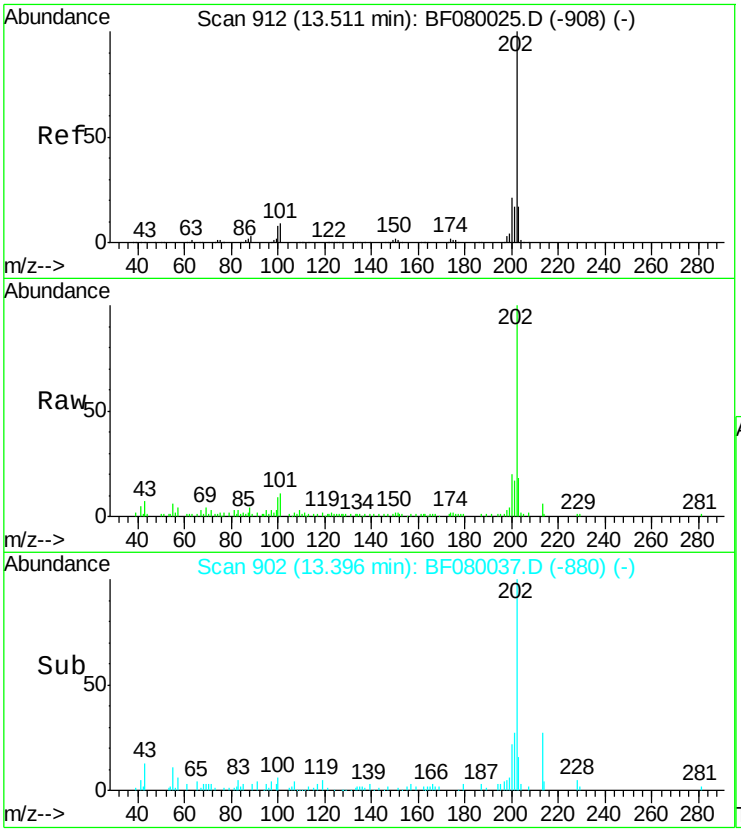


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1020
Delta R.T. -0.11 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:240 Resp: 229394

Ion	Ratio	Lower	Upper
240	100		
120	9.9	16.2	24.2#
236	26.1	18.4	27.6



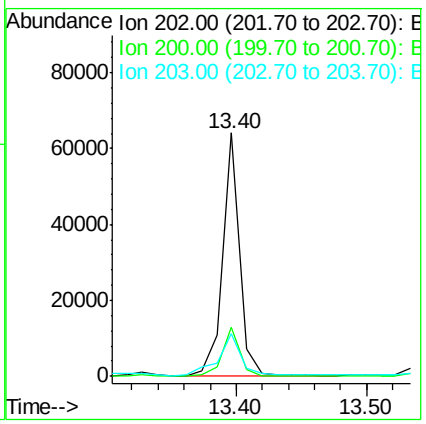


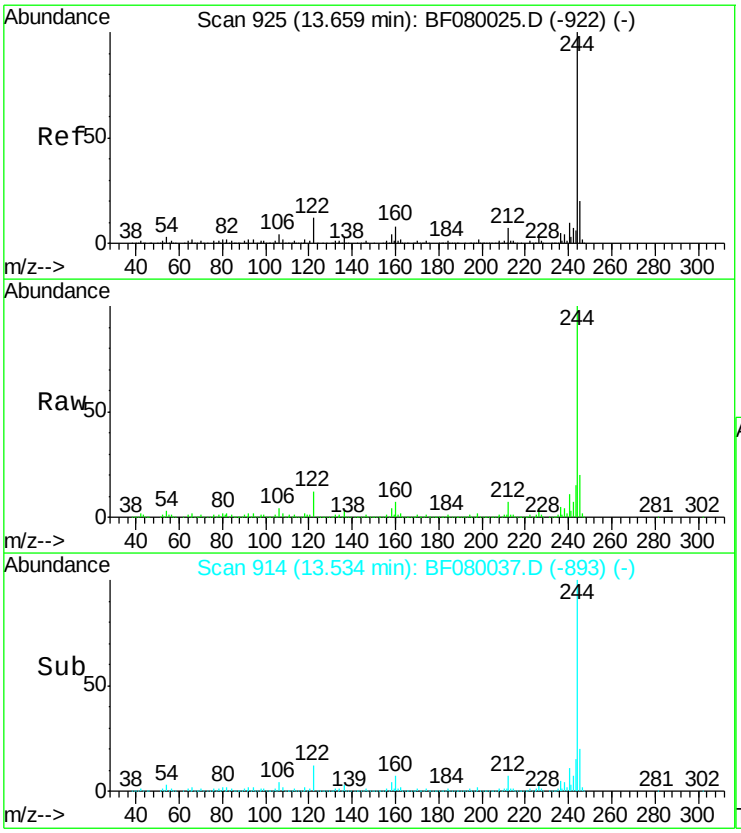
#77
Pyrene
Concen: 4.16 ng
RT: 13.40 min Scan# 902
Delta R.T. -0.05 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:202 Resp: 58717

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.6	14.1	21.1

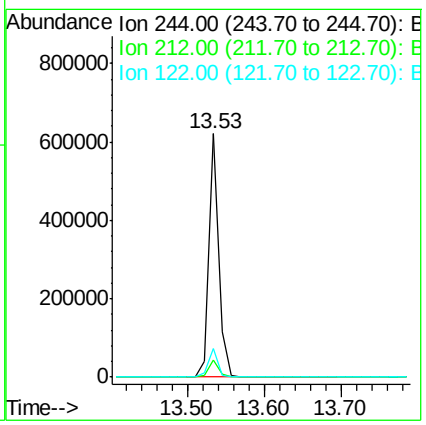


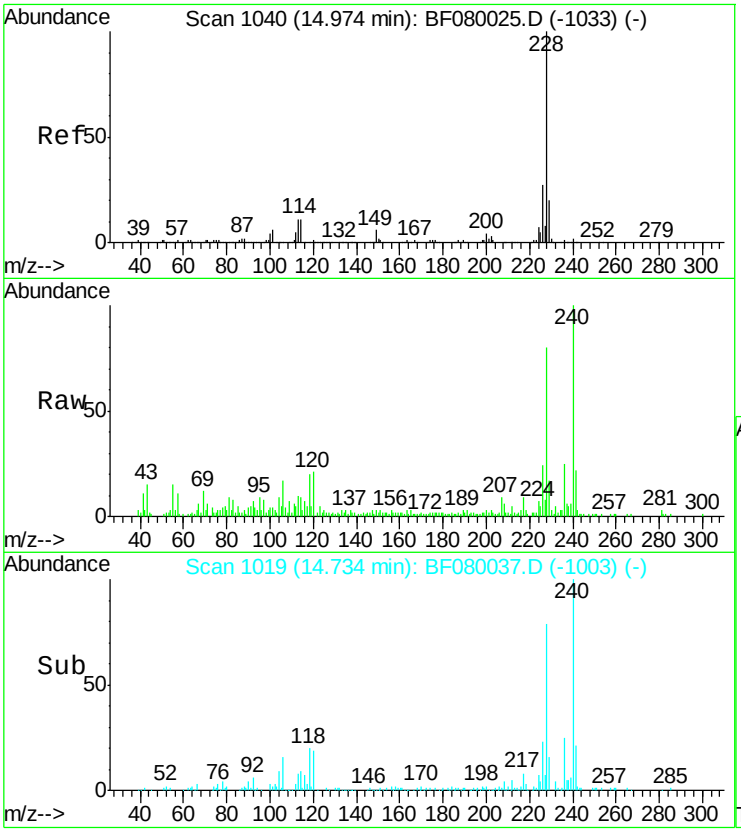


#78
Terphenyl-d14
Concen: 55.21 ng
RT: 13.53 min Scan# 914
Delta R.T. -0.06 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:244 Resp: 542236

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	11.9	17.4	26.2#



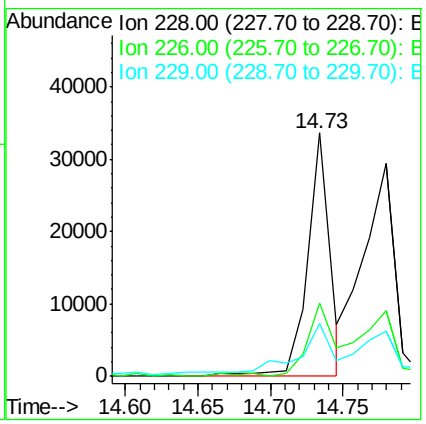


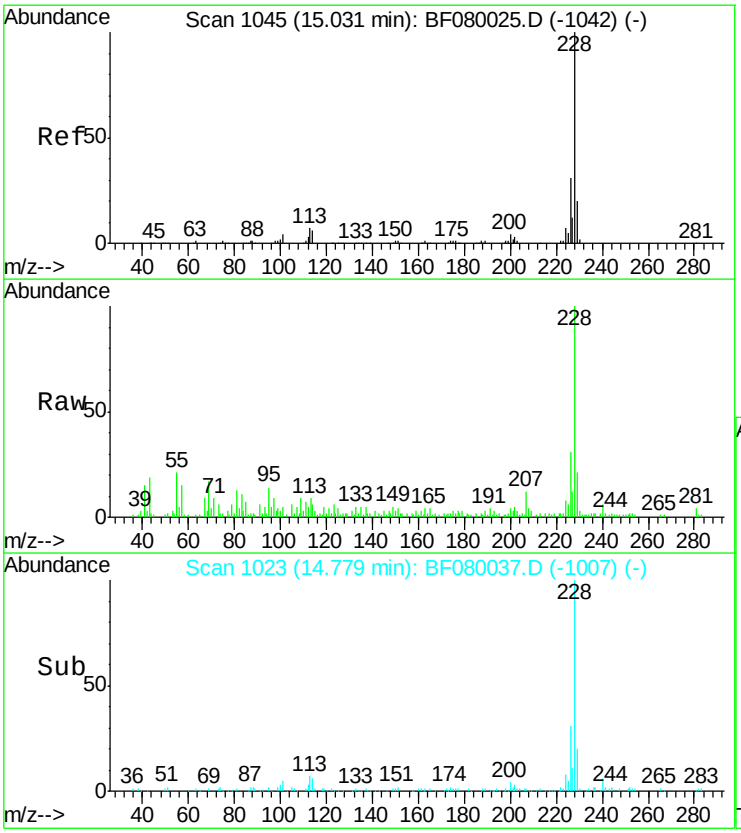
#80
Benzo(a)anthracene
Concen: 2.59 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.11 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:228 Resp: 36127

Ion	Ratio	Lower	Upper
228	100		
226	30.0	20.0	30.0
229	21.5	15.4	23.2

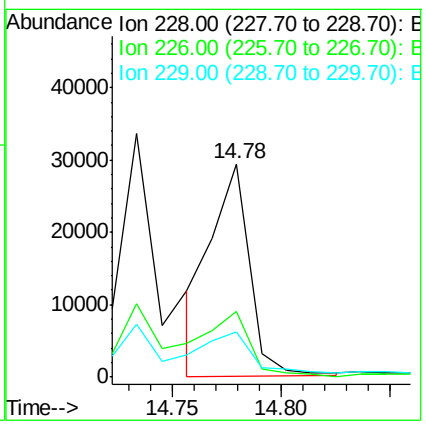


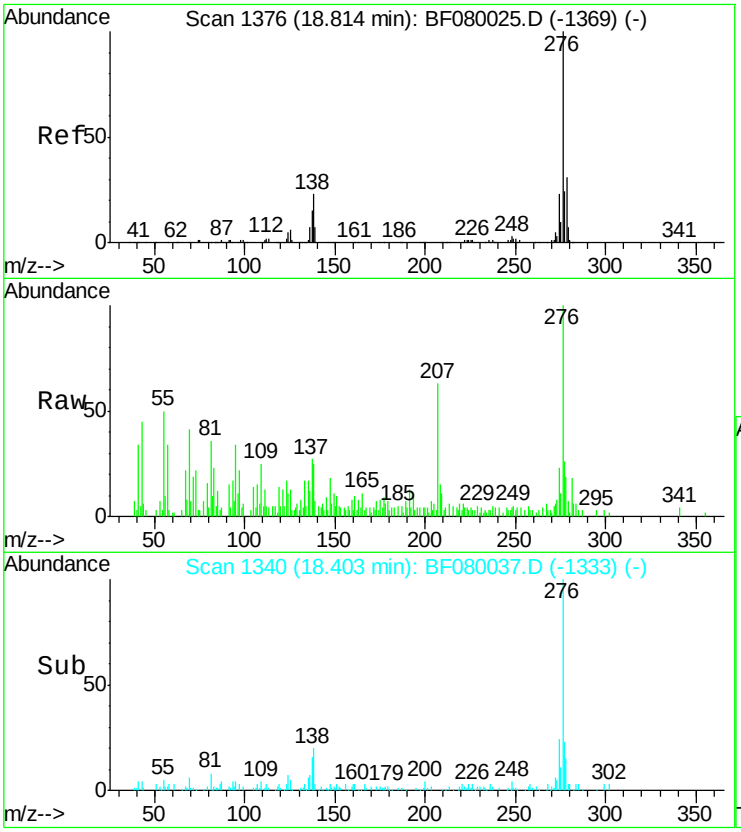


#82
Chrysene
Concen: 2.82 ng
RT: 14.78 min Scan# 1023
Delta R.T. -0.11 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:228 Resp: 36337

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	21.2	15.6	23.4



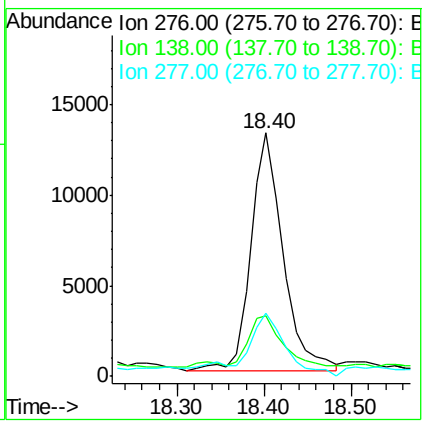


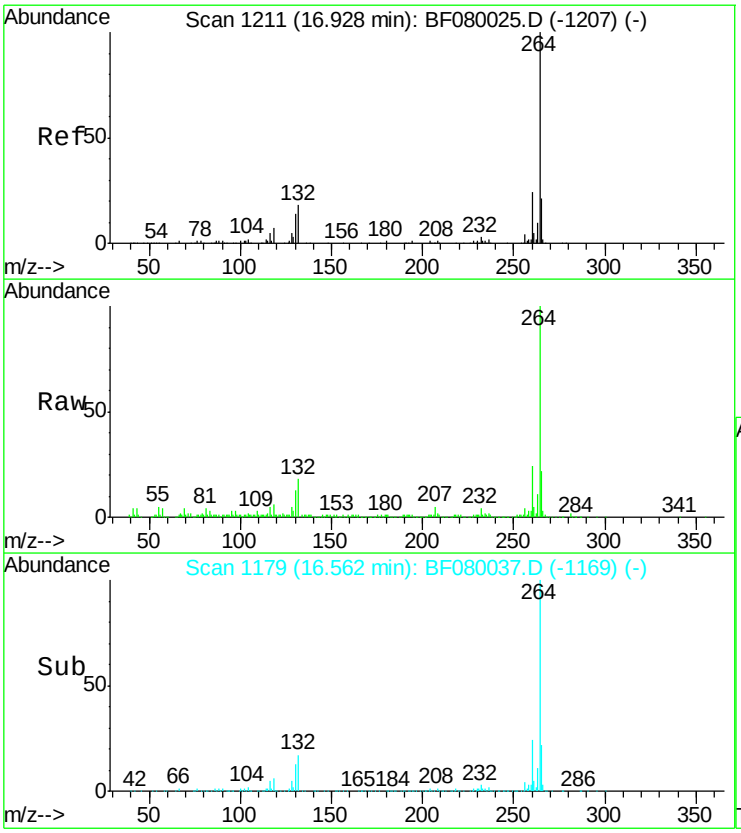
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng
RT: 18.40 min Scan# 1340
Delta R.T. -0.22 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:276 Resp: 33832

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.7	38.5#
277	34.3	15.6	23.4#

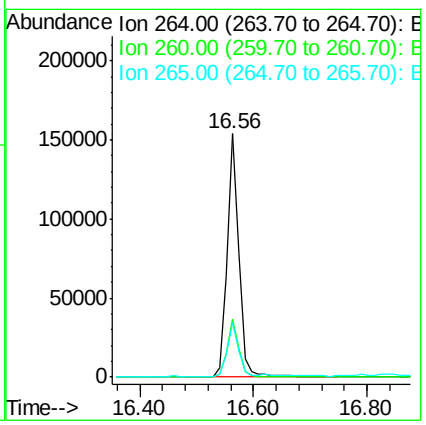


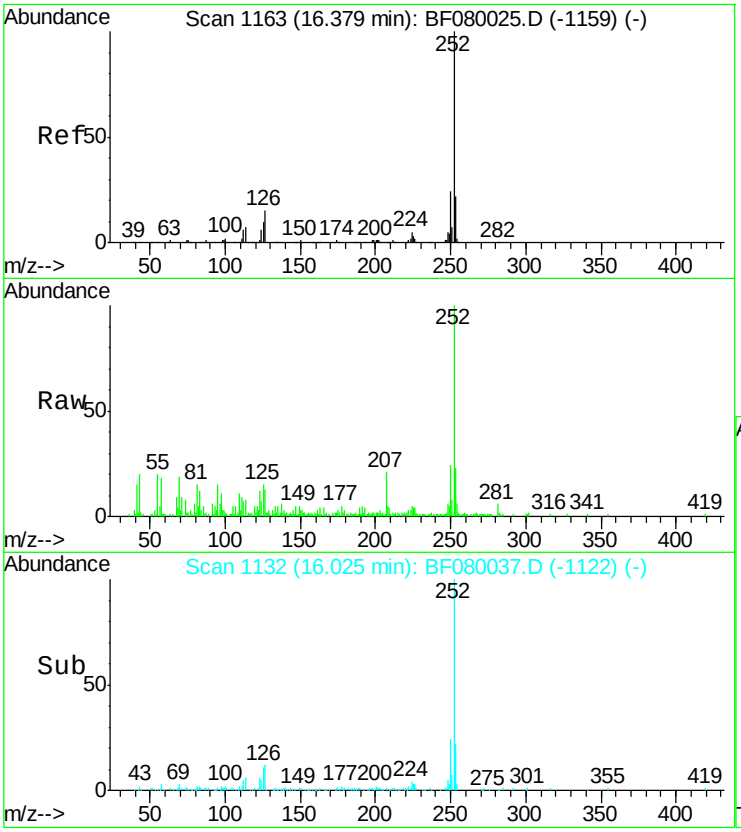


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.56 min Scan# 1179
Delta R.T. -0.18 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:264 Resp: 225168

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.1	17.2	25.8



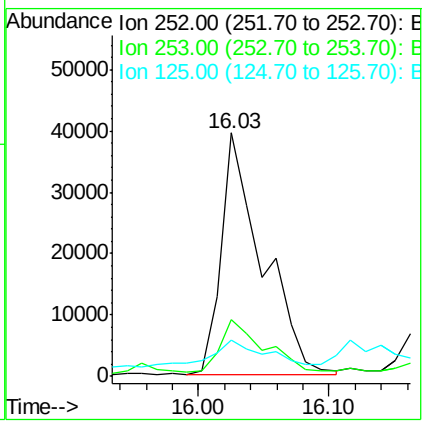


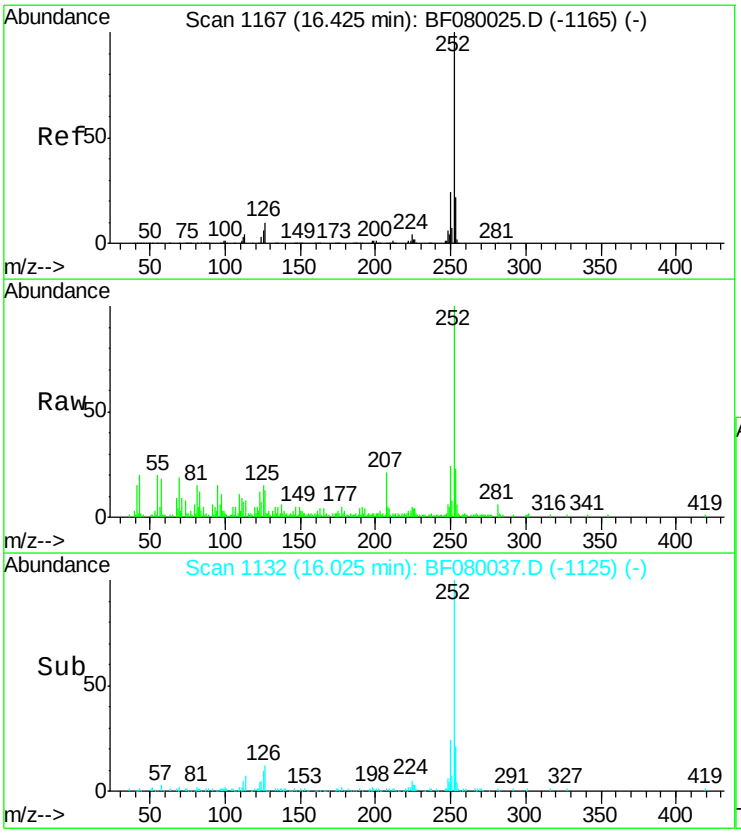
#87
Benzo(b)fluoranthene
Concen: 6.34 ng
RT: 16.03 min Scan# 1132
Delta R.T. -0.18 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion:252 Resp: 86443

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.7	17.1	25.7#

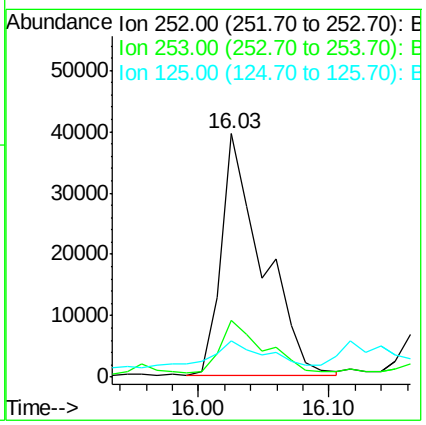


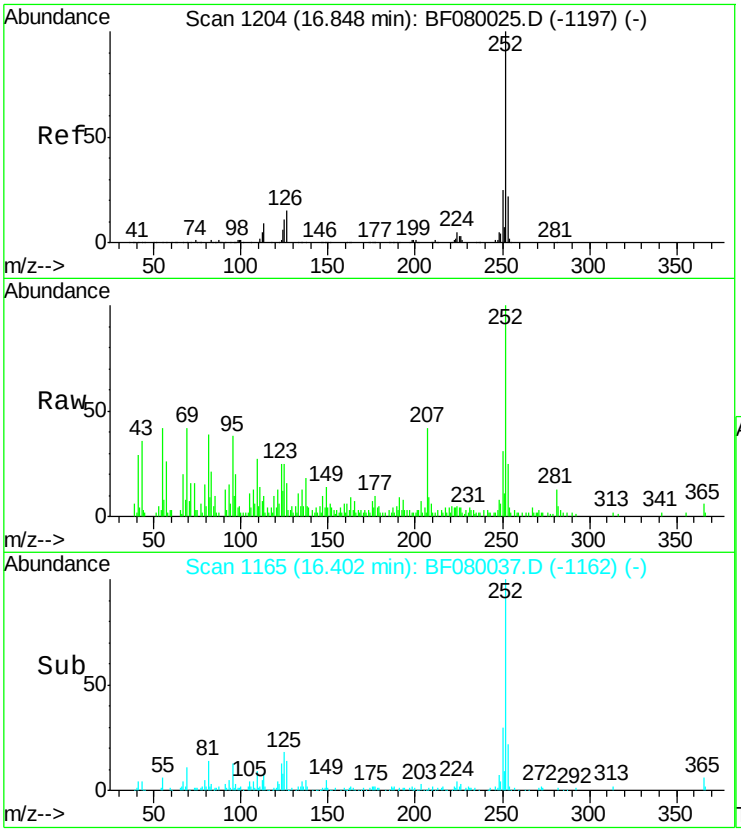


#88
Benzo(k)fluoranthene
Concen: 6.23 ng
RT: 16.03 min Scan# 1132
Delta R.T. -0.22 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:252 Resp: 86443

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	14.7	16.0	24.0#



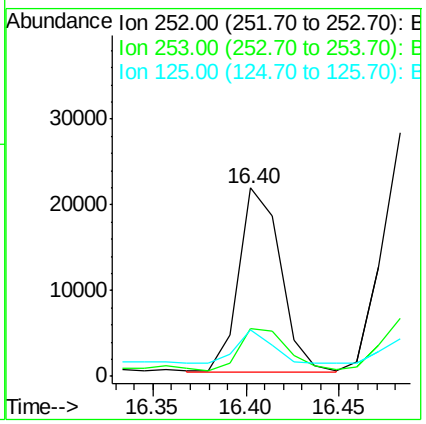


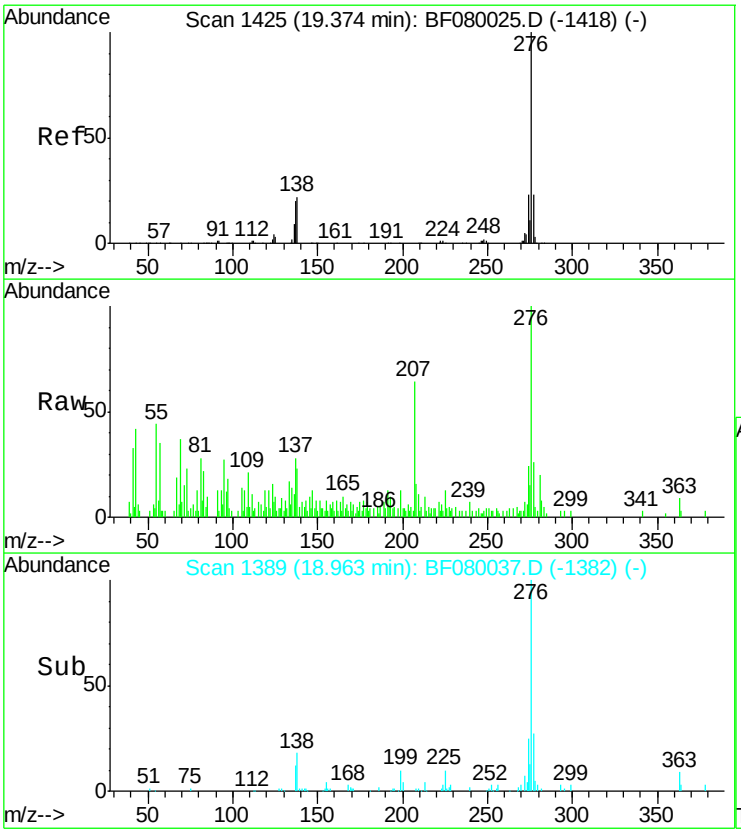
#89
Benzo(a)pyrene
Concen: 2.60 ng
RT: 16.40 min Scan# 1165
Delta R.T. -0.26 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

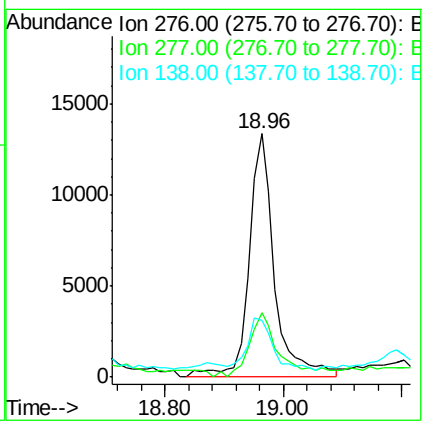
Tgt Ion:252 Resp: 33706

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	24.9	18.0	27.0





#91
Benzo(g,h,i)perylene
Concen: 2.97 ng
RT: 18.96 min Scan# 1389
Delta R.T. -0.22 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion:276 Resp: 39729

Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.8	26.6
138	23.4	34.6	51.8#