Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082502.D
Acq On : 24 Oct 2015 9:38
Operator : UM/IZ
Sample : G4116-15RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT-03(0-2)

Quant Time: Oct 24 23:21:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	110313	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	406412	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	183710	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	320478	20.00	ng		0.00
75) Chrysene-d12	13.96	240	237516	20.00	ng		-0.08
86) Perylene-d12	15.46	264	234365	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	569459	104.18	ng		0.01
7) Phenol-d6	6.41	99	688933	96.86	ng		-0.01
23) Nitrobenzene-d5	7.33	82	430815	71.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	139845	81.17	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	779434	70.36	ng		-0.01
78) Terphenyl-d14	12.88	244	546220	60.94	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	56156	11.24	ng	#	79
49) Dimethylphthalate	9.52	163	193531	14.96	ng		99
56) 2,4-Dinitrotoluene	9.79	165	23820	6.98	ng	#	21
66) 4-Bromophenyl-phenylether	10.59	248	10969	3.42	ng	#	1
74) Fluoranthene	12.50	202	52736	3.13	ng		98
77) Pyrene	12.73	202	47788	3.39	ng		98
80) Benzo(a)anthracene	13.94	228	24854	2.01	ng		96
82) Chrysene	13.99	228	26082	2.00	ng		97
87) Benzo(b)fluoranthene	15.05	252	54678	3.83	ng		97
88) Benzo(k)fluoranthene	15.05	252	54678	4.56	ng	#	95

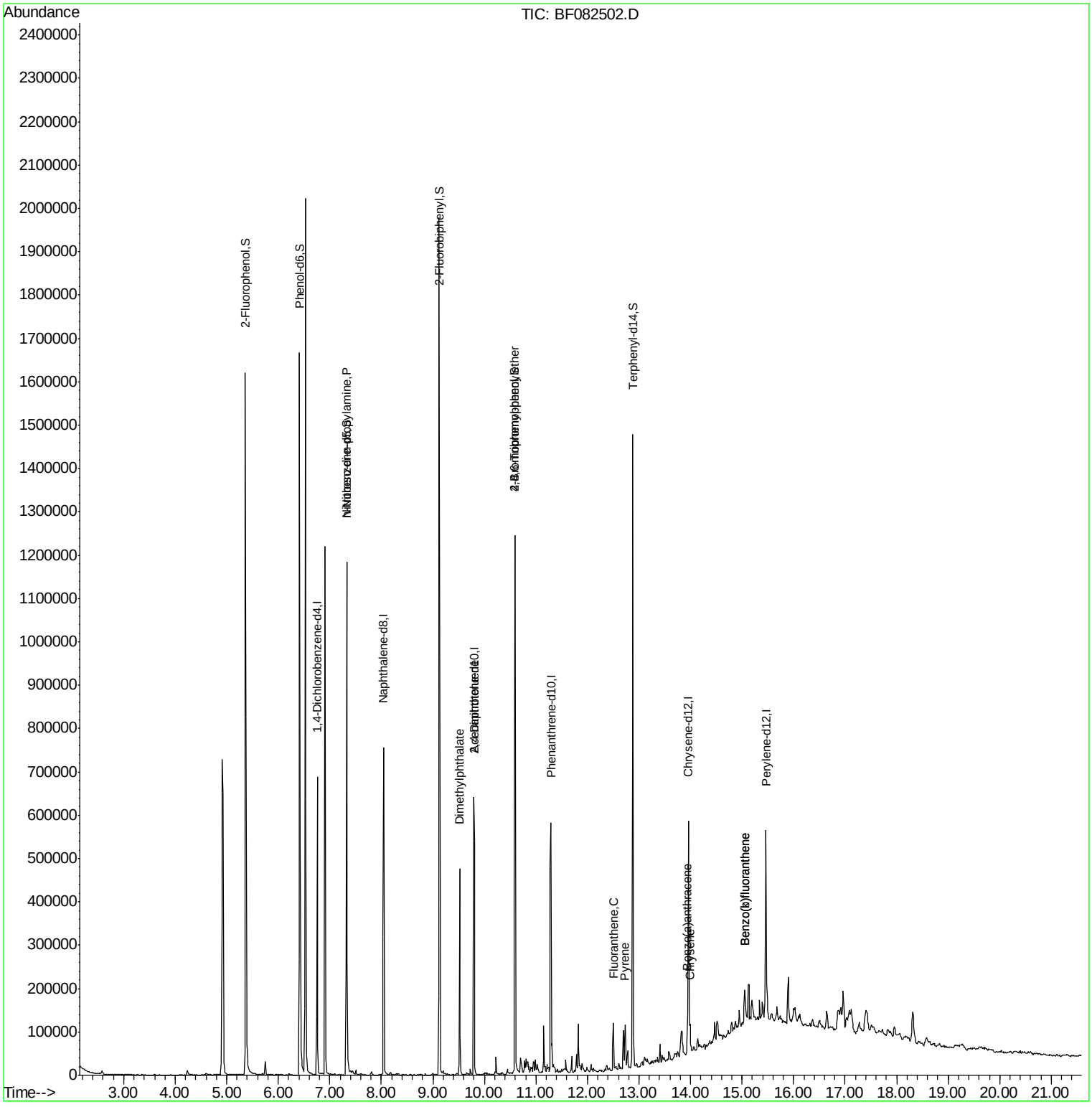
(#) = qualifier out of range (m) = manual integration (+) = signals summed

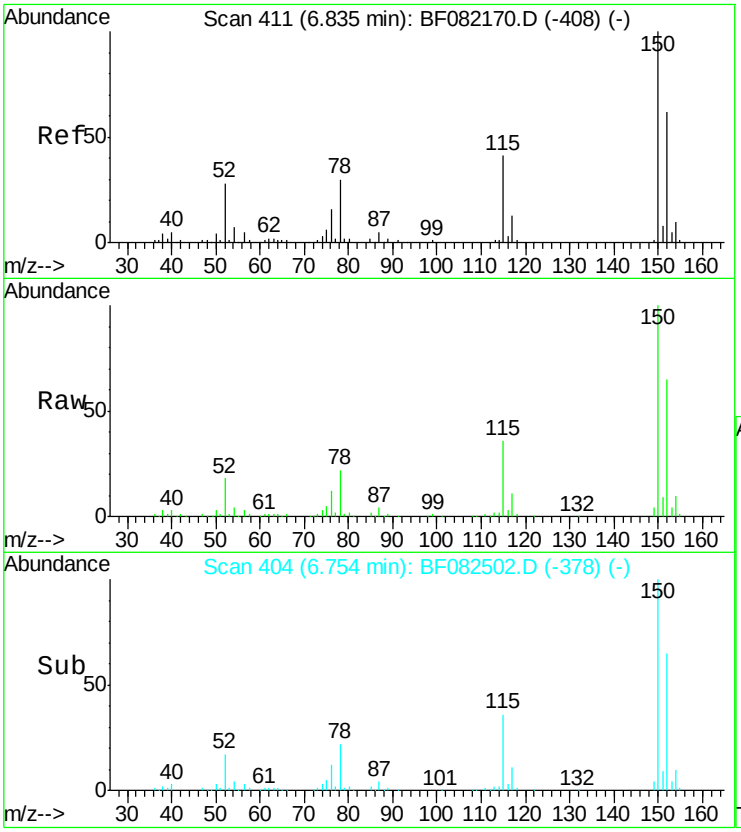
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082502.D
Acq On : 24 Oct 2015 9:38
Operator : UM/IZ
Sample : G4116-15RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Quant Time: Oct 24 23:21:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration



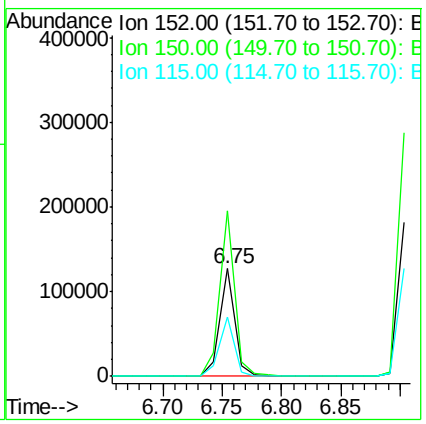


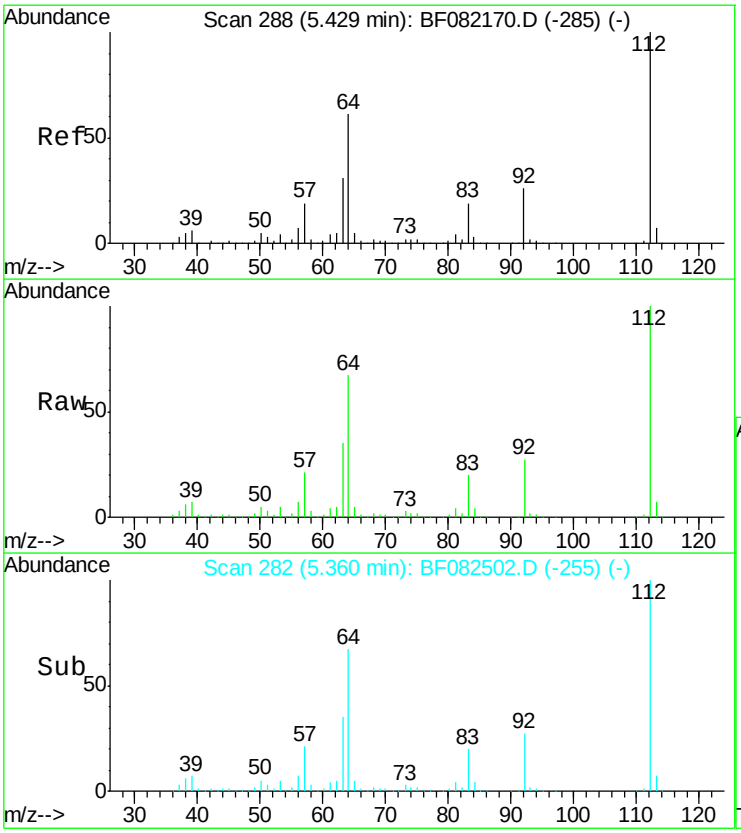
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:152 Resp: 110313

Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.0	193.4
115	55.2	52.1	78.1

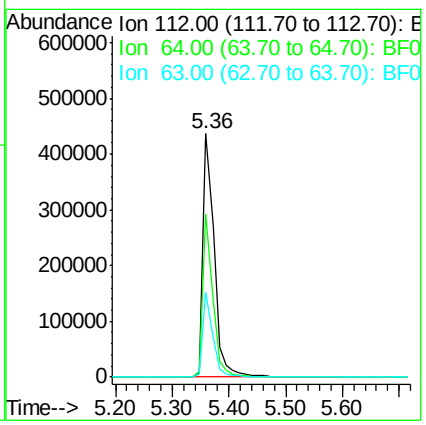


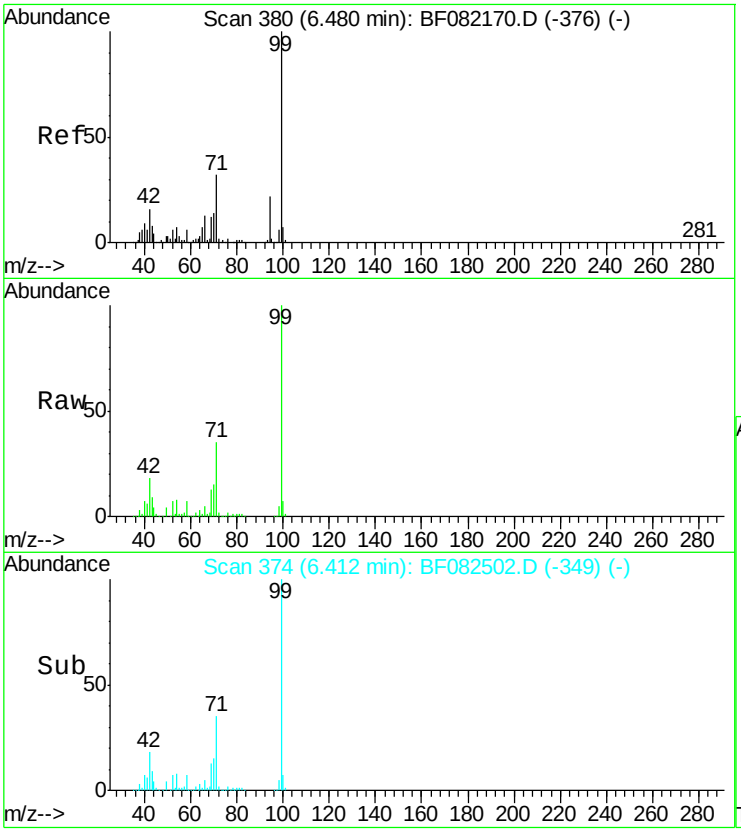


#5
2-Fluorophenol
Concen: 104.18 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:112 Resp: 569459

Ion	Ratio	Lower	Upper
112	100		
64	66.7	48.6	73.0
63	35.1	25.1	37.7



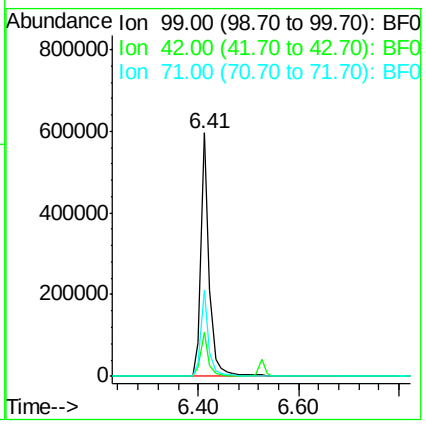


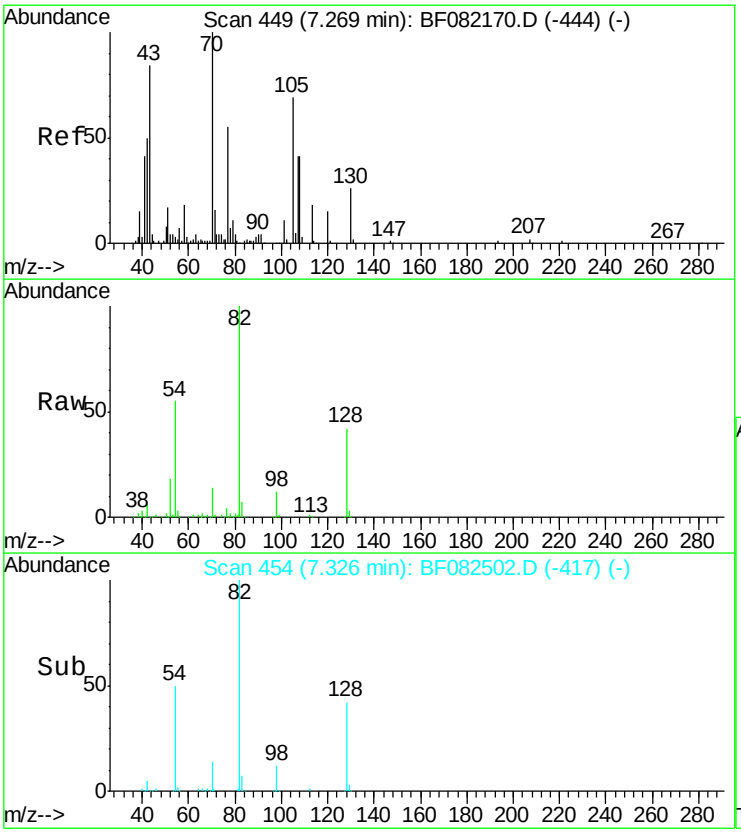
#7
Phenol-d6
Concen: 96.86 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion: 99 Resp: 688933

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.2	19.8
71	35.2	25.6	38.4

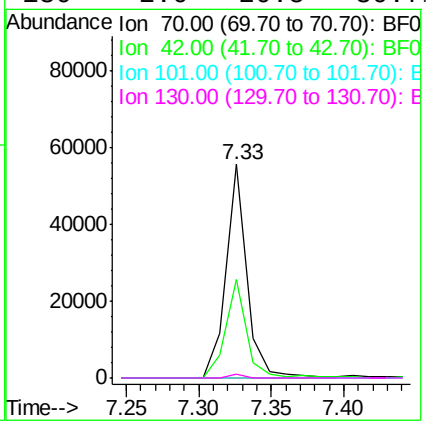


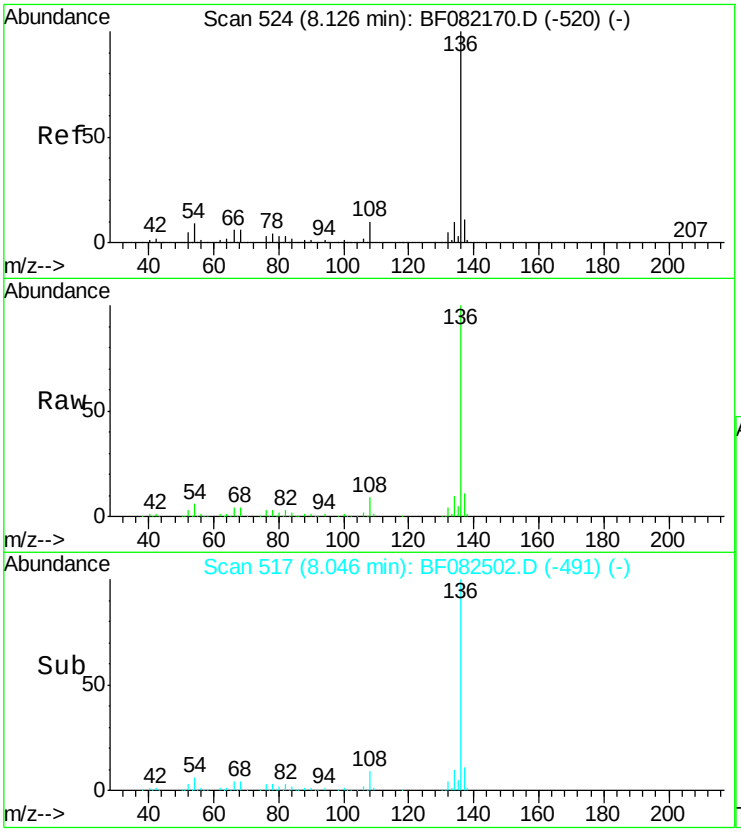


#19
n-Nitroso-di-n-propylamine
Concen: 11.24 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion: 70 Resp: 56156

Ion	Ratio	Lower	Upper
70	100		
42	45.9	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#



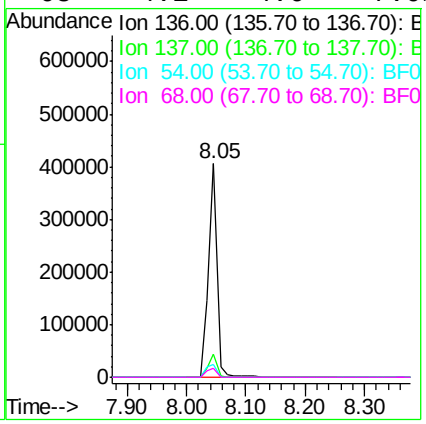


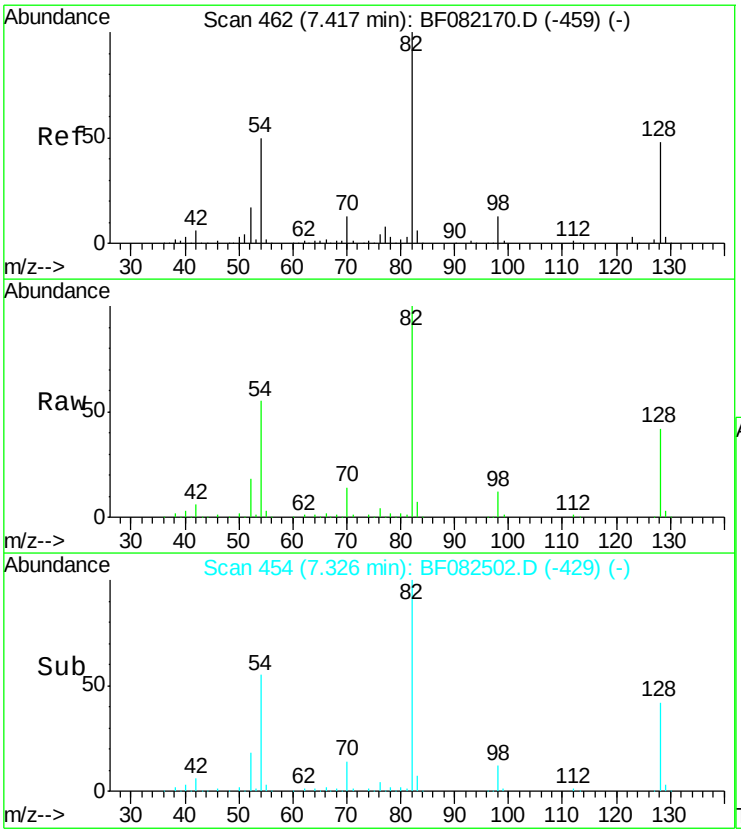
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:136 Resp: 406412

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.1	7.5	11.3#
68	4.1	4.6	7.0#

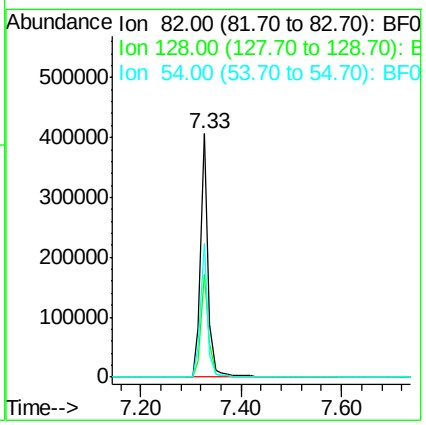


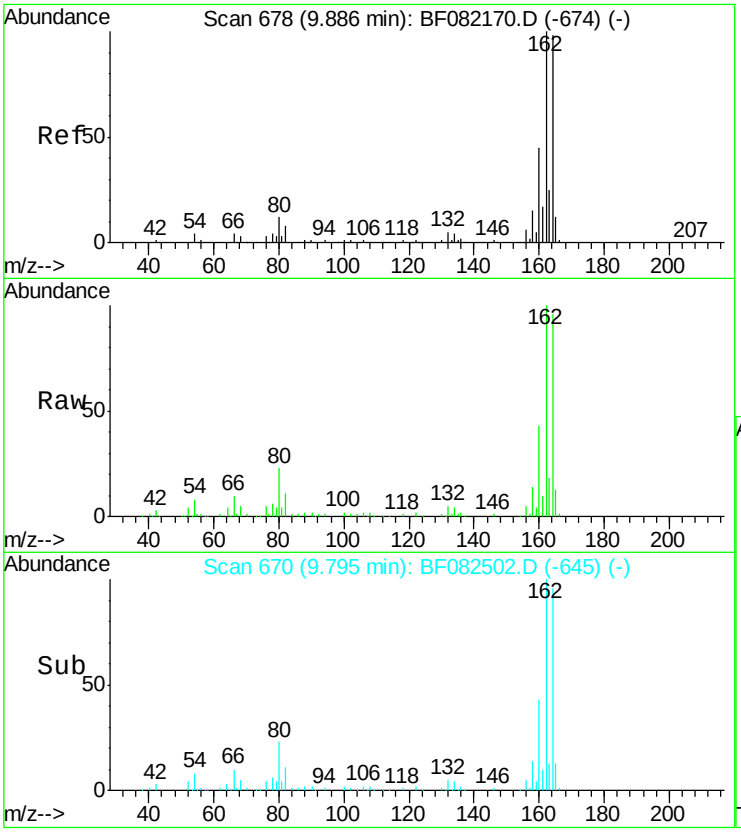


#23
Nitrobenzene-d5
Concen: 71.19 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion: 82 Resp: 430815

Ion	Ratio	Lower	Upper
82	100		
128	42.3	38.7	58.1
54	54.9	40.1	60.1



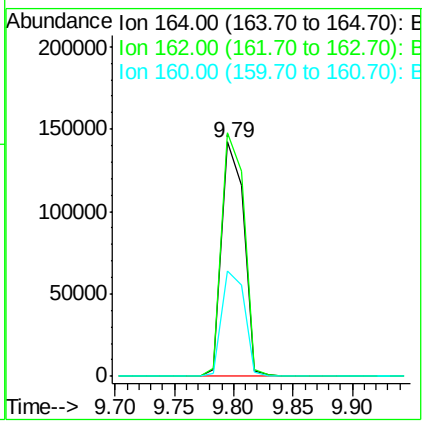


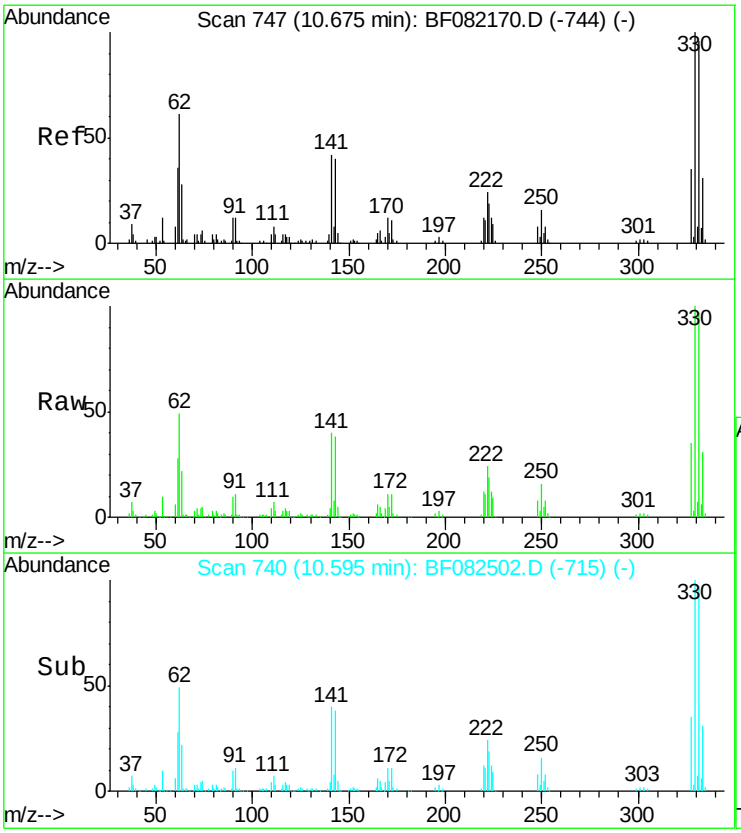
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:164 Resp: 183710

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	44.7	36.4	54.6

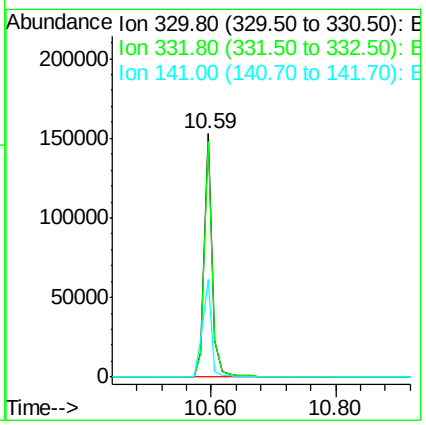


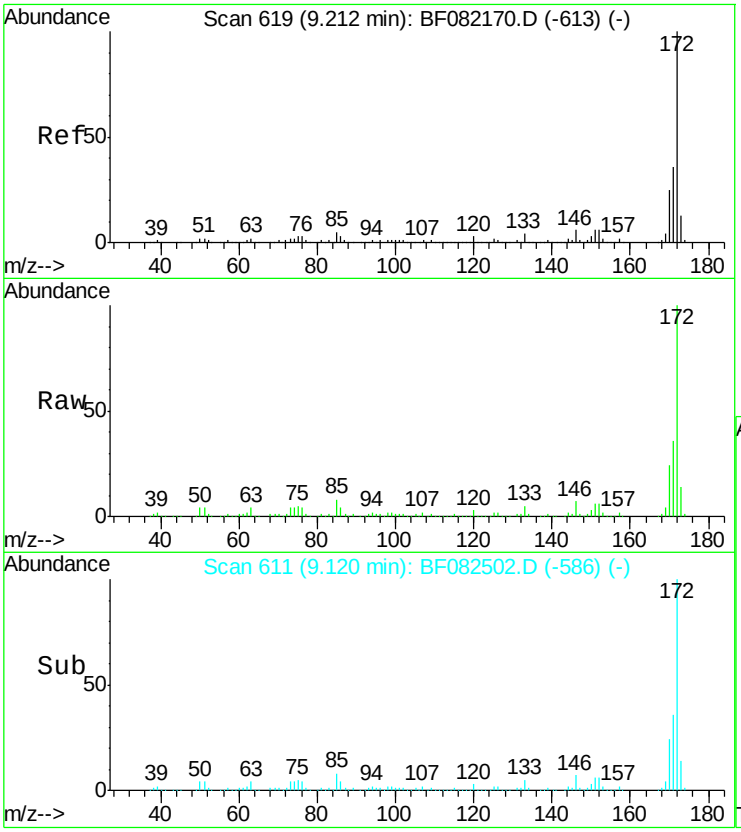


#41
2,4,6-Tribromophenol
Concen: 81.17 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:330 Resp: 139845

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	44.4	29.8	44.8



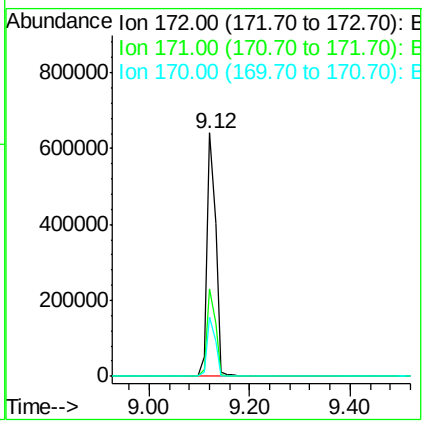


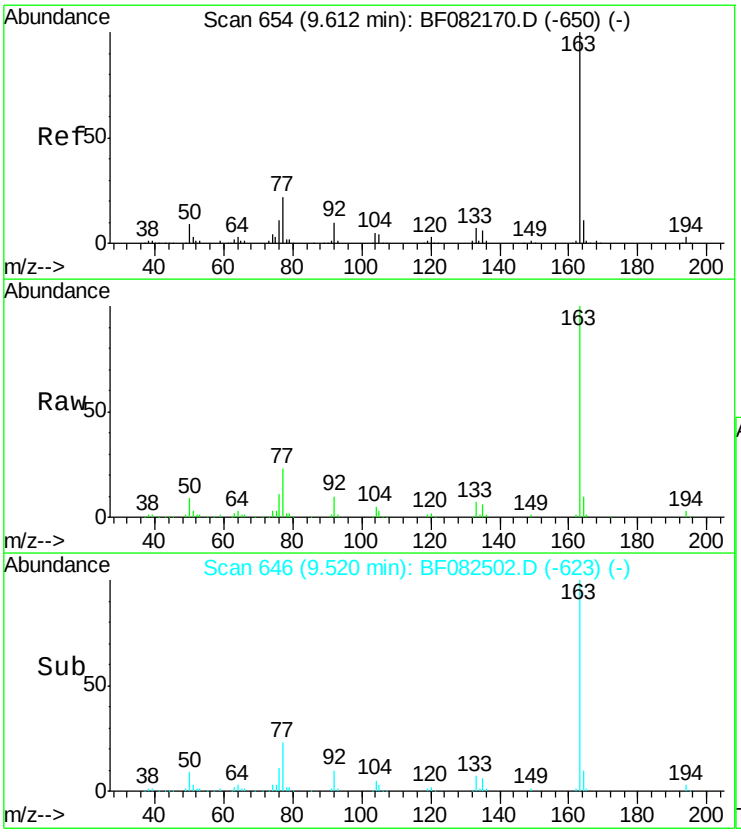
#44
2-Fluorobiphenyl
Concen: 70.36 ng
RT: 9.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:172 Resp: 779434

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.1	19.7	29.5

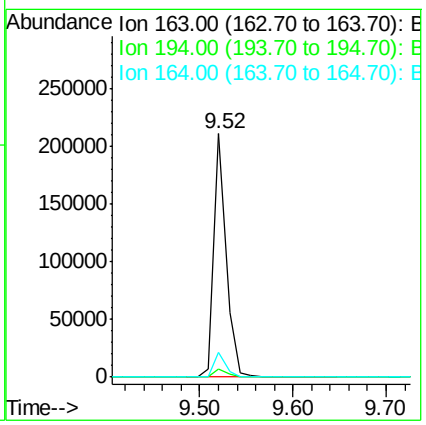


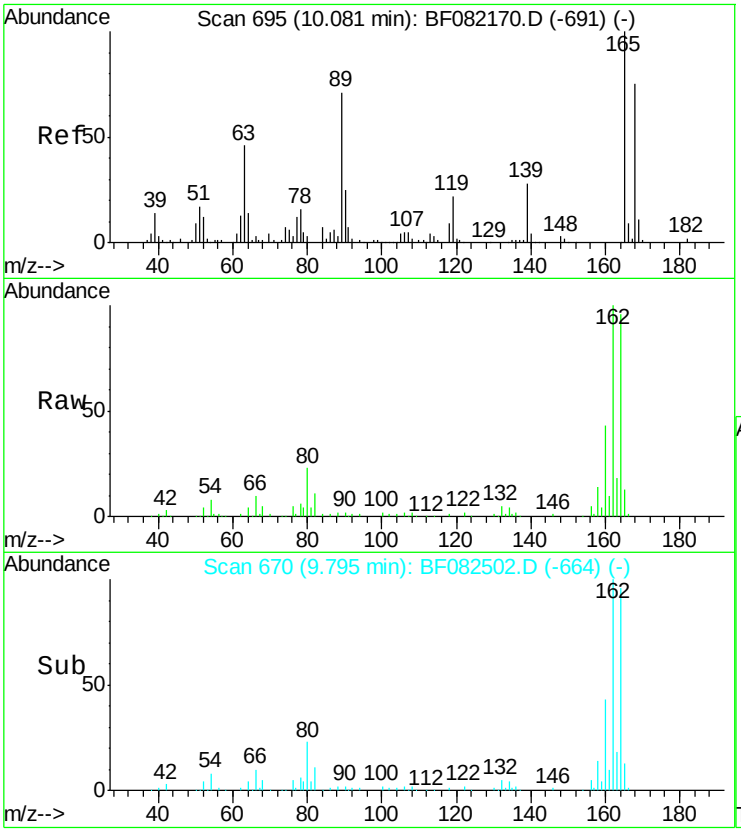


#49
Dimethylphthalate
Concen: 14.96 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:163 Resp: 193531

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.5	12.7



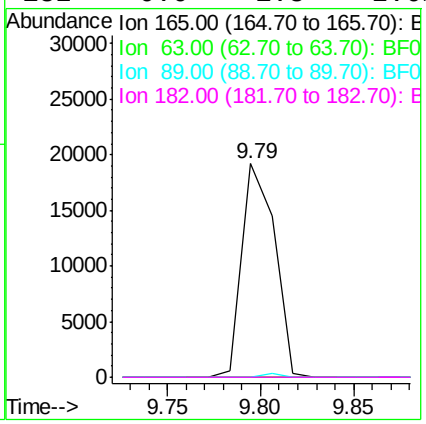


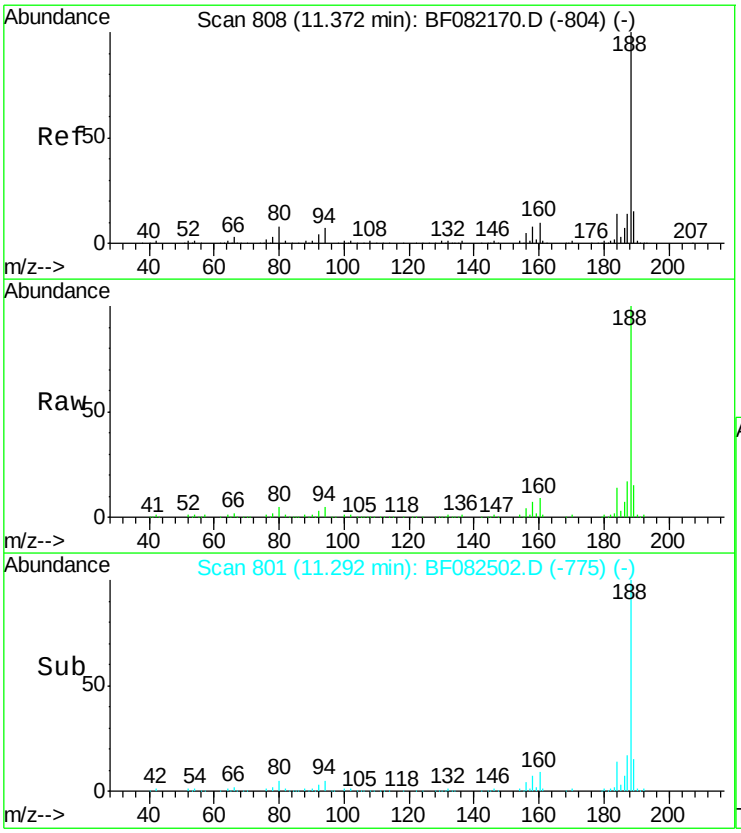
#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.23 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:165 Resp: 23820

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#

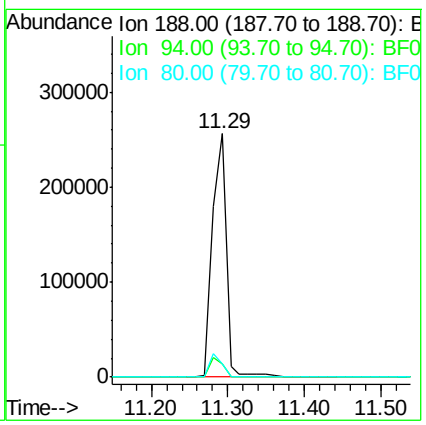


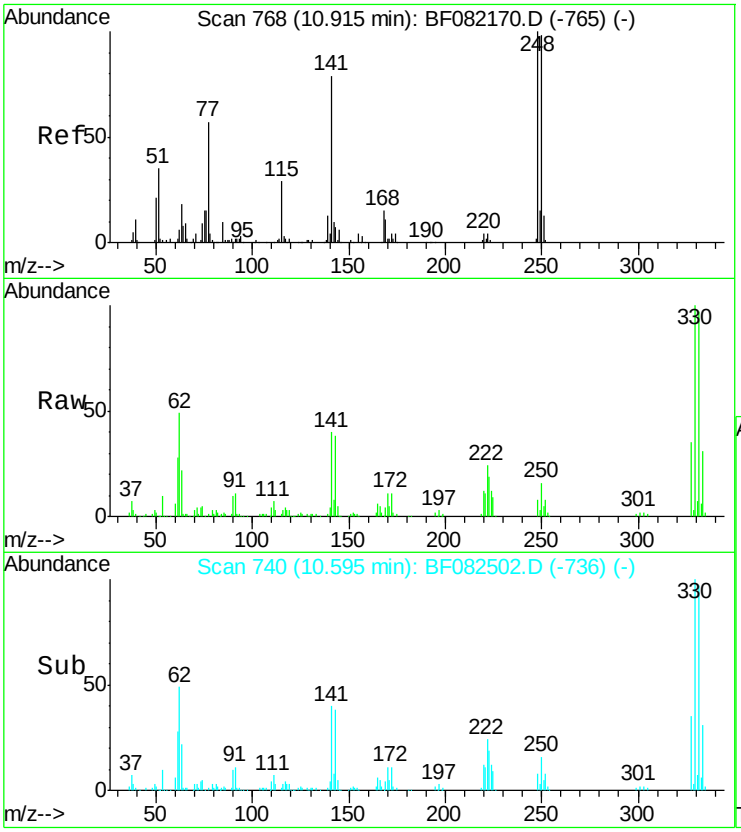


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:188 Resp: 320478

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.8	8.6#
80	5.5	6.4	9.6#



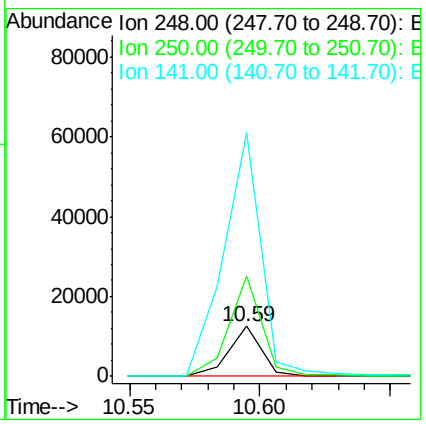


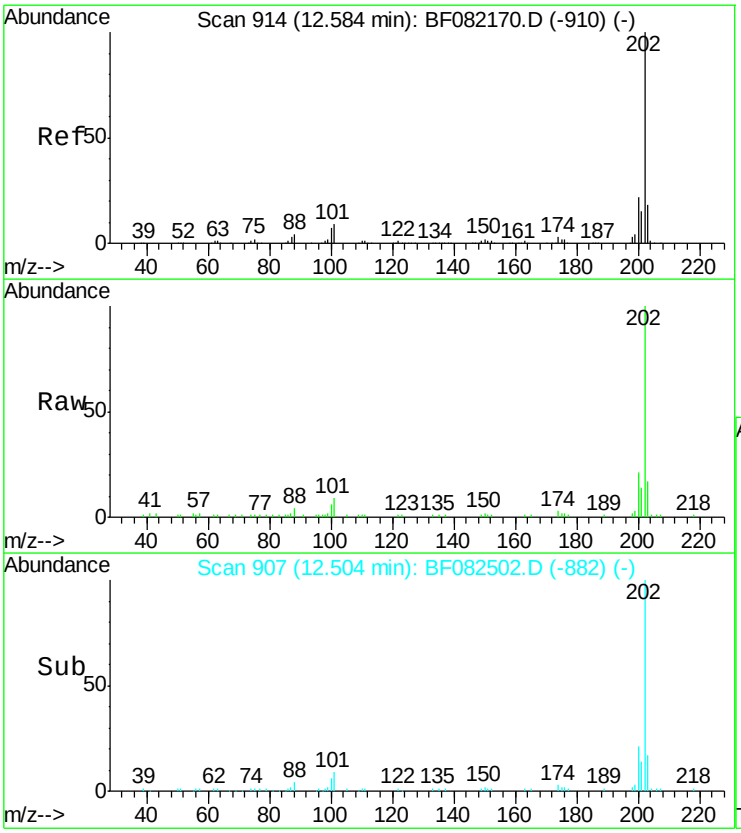
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:248 Resp: 10969

Ion	Ratio	Lower	Upper
248	100		
250	199.6	78.6	117.8#
141	486.4	63.3	94.9#

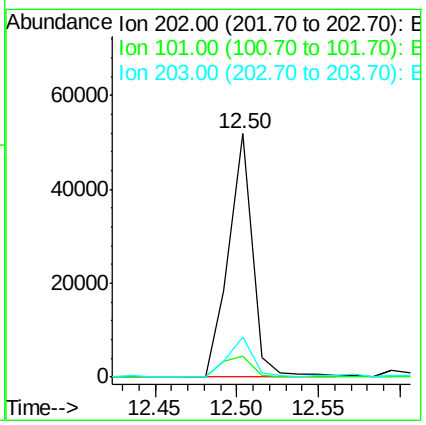


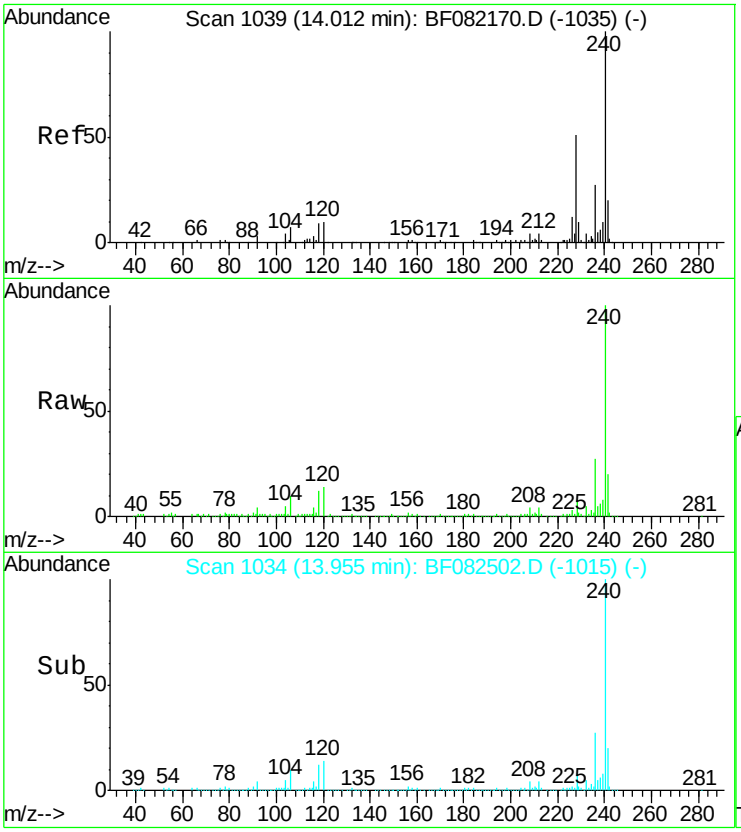


#74
Fluoranthene
Concen: 3.13 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:202 Resp: 52736

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.3
203	16.5	0.0	37.8



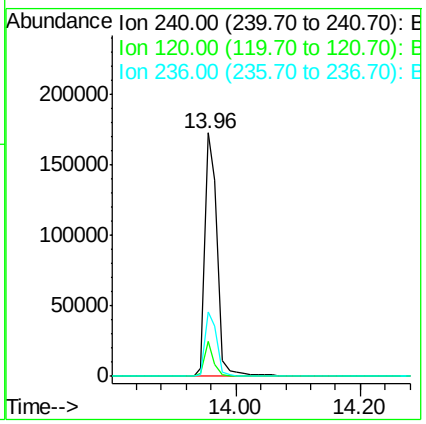


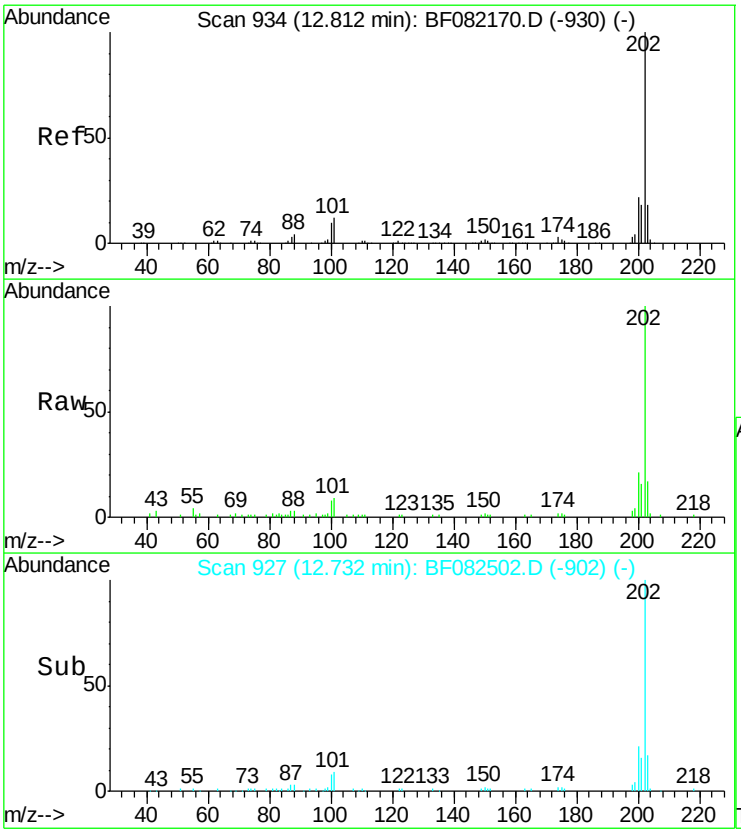
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:240 Resp: 237516

Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.1	12.1#
236	26.5	21.3	31.9

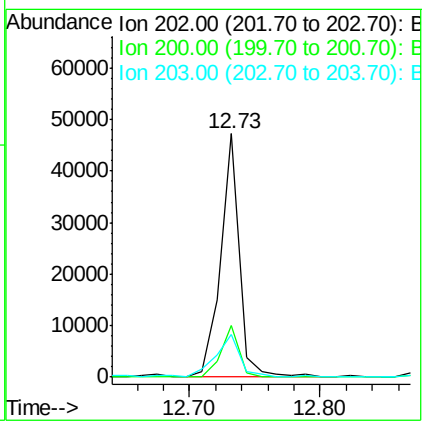


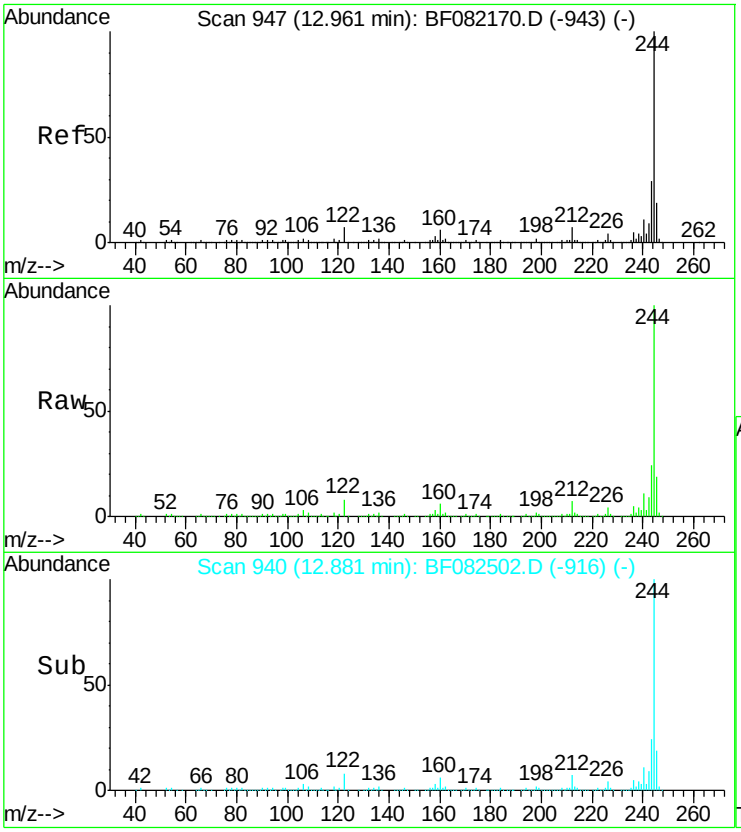


#77
Pyrene
Concen: 3.39 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:202 Resp: 47788

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	17.4	14.5	21.7



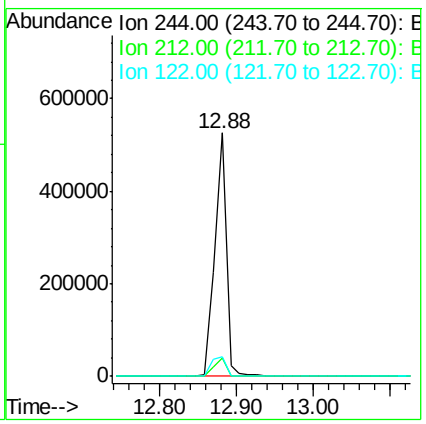


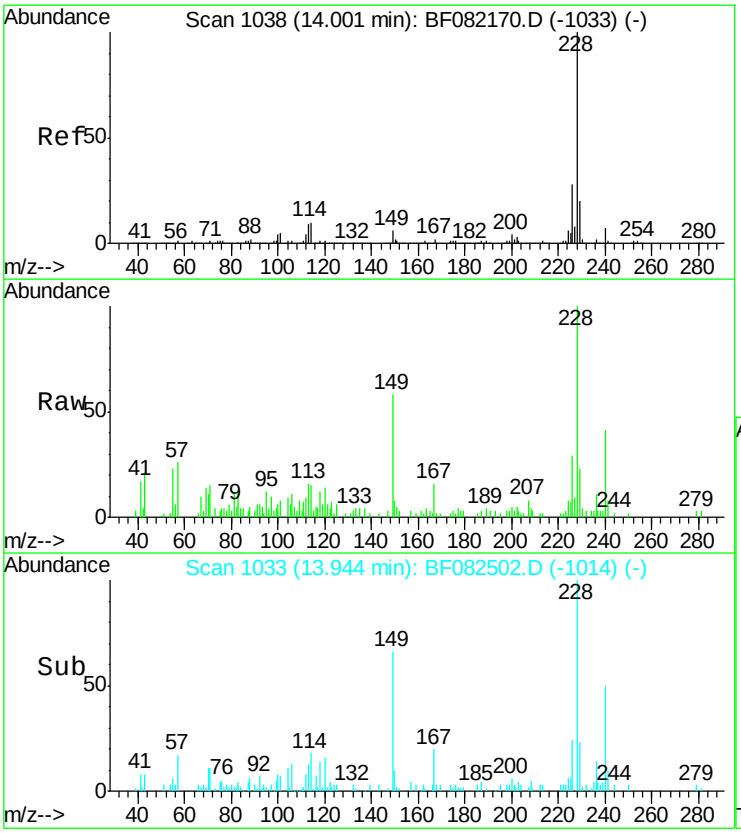
#78
Terphenyl-d14
Concen: 60.94 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:244 Resp: 546220

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	8.0	5.9	8.9

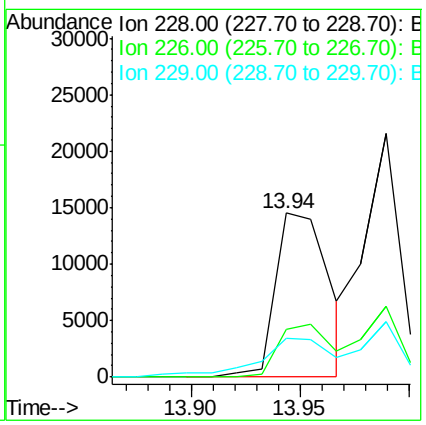


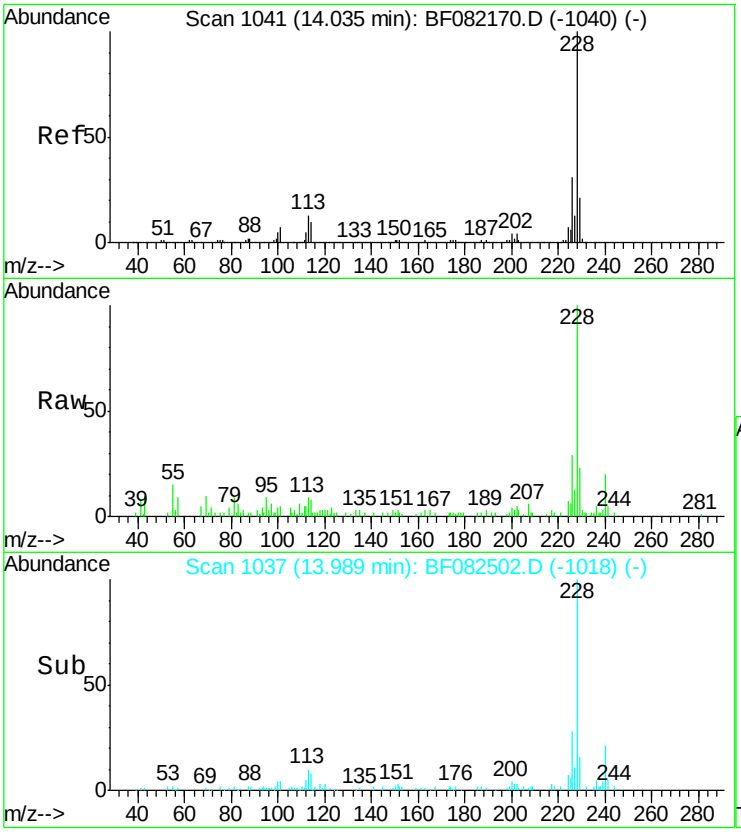


#80
Benzo(a)anthracene
Concen: 2.01 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:228 Resp: 24854

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.3	33.5
229	23.4	16.2	24.2



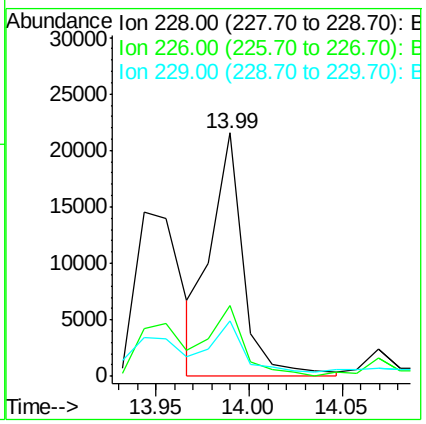


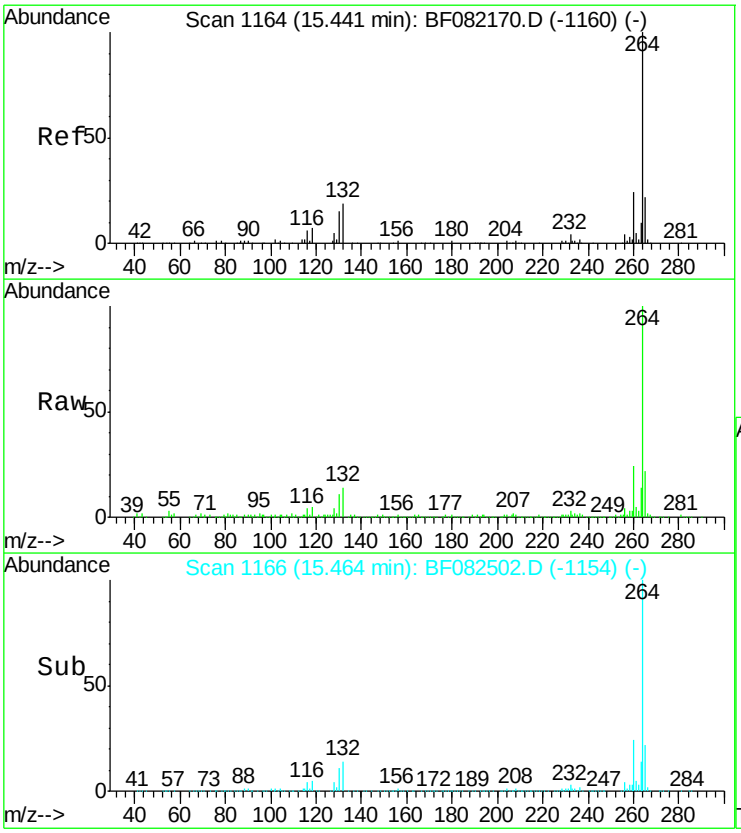
#82
Chrysene
Concen: 2.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:228 Resp: 26082

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	22.5	16.3	24.5

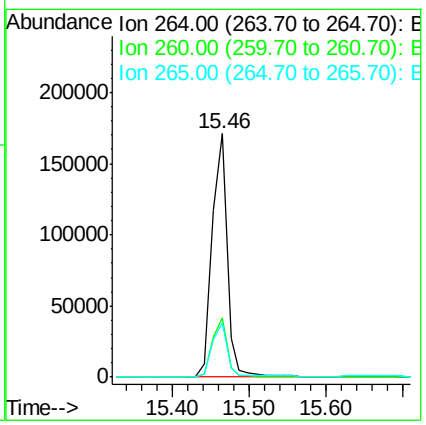


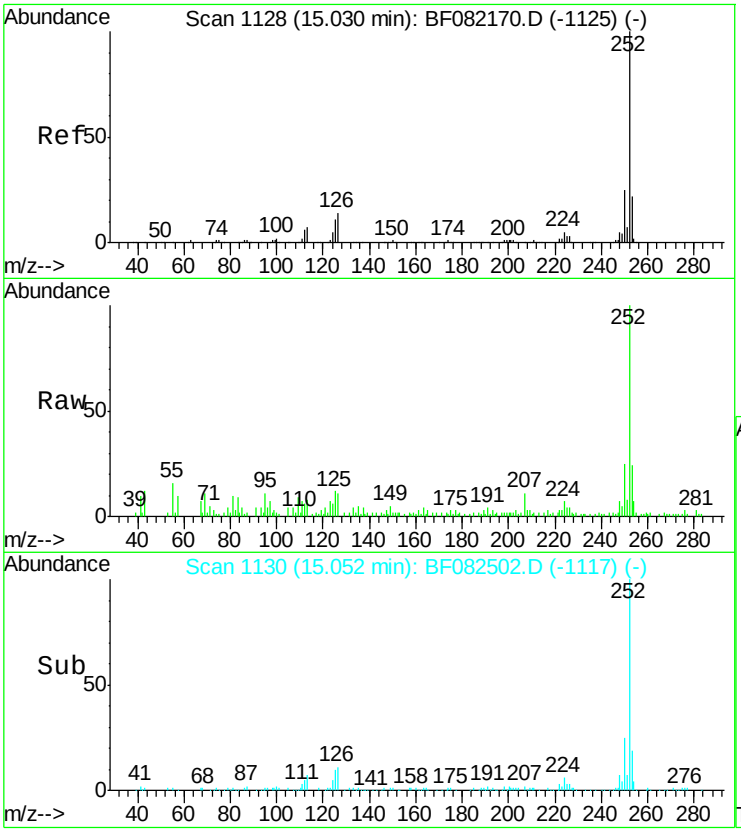


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.16 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:264 Resp: 234365

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.1	17.3	25.9



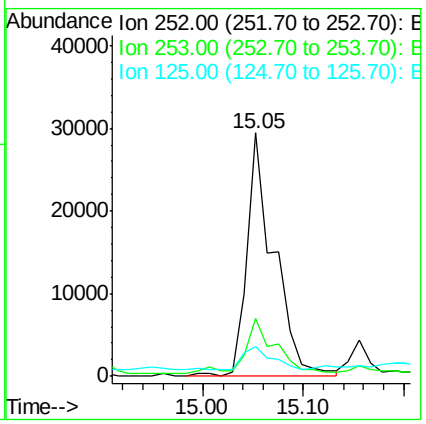


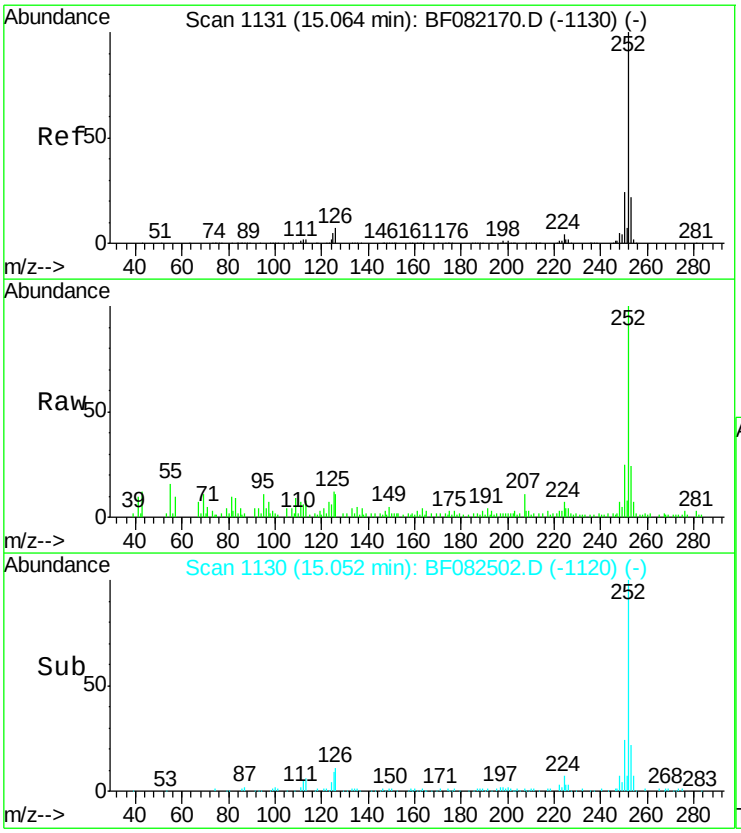
#87
Benzo(b)fluoranthene
Concen: 3.83 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.15 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion:252 Resp: 54678

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.4	8.6	12.8





#88
Benzo(k)fluoranthene
Concen: 4.56 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.18 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion:252 Resp: 54678

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	12.4	6.7	10.1#