Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082248.D
Acq On : 13 Oct 2015 7:31
Operator : UM/IZ
Sample : G3928-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-22(46-48)A

Quant Time: Oct 13 07:59:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	236064	20.00	ng		0.15
21) Naphthalene-d8	8.11	136	291829	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	158573	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	308684	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	278753	20.00	ng		-0.01
86) Perylene-d12	15.44	264	219606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	516530	44.16	ng		0.00
7) Phenol-d6	6.47	99	682440	44.83	ng		-0.01
23) Nitrobenzene-d5	7.41	82	344881	79.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	186467	125.39	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	753169	78.77	ng		-0.01
78) Terphenyl-d14	12.95	244	718828	68.33	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	46772	4.38	ng	#	75
25) Isophorone	7.50	82	23441	2.67	ng	#	68
31) Naphthalene	8.14	128	46141	3.65	ng		99
49) Dimethylphthalate	9.59	163	161835	14.49	ng		100
55) 4-Nitrophenol	10.08	139	279	Below	Cal	#	11
56) 2,4-Dinitrotoluene	9.87	165	20628	7.00	ng	#	23
66) 4-Bromophenyl-phenylether	10.66	248	12057	3.90	ng	#	1
70) Phenanthrene	11.38	178	34734	2.30	ng		100
74) Fluoranthene	12.57	202	47372	2.92	ng		100
77) Pyrene	12.80	202	66791	4.04	ng		97
80) Benzo(a)anthracene	13.99	228	32077	2.21	ng		96
82) Chrysene	13.99	228	32077	2.10	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	107823	10.01	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	25212	2.08	ng		95
87) Benzo(b)fluoranthene	15.03	252	56554	4.23	ng		99
88) Benzo(k)fluoranthene	15.03	252	56554	5.04	ng	#	97
89) Benzo(a)pyrene	15.37	252	37086	3.23	ng		98
91) Benzo(g,h,i)perylene	17.26	276	24448	2.67	ng		99

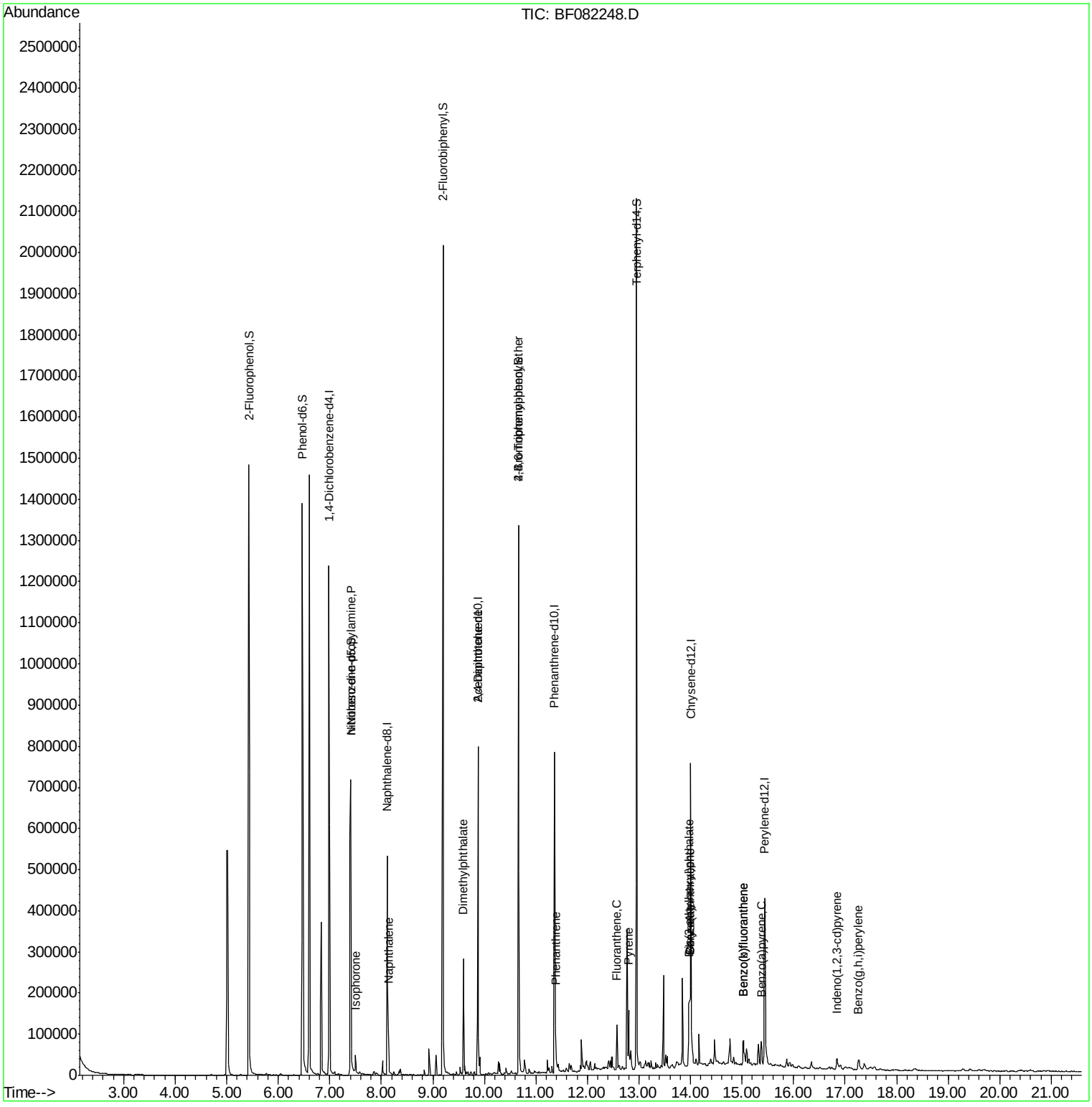
(#) = qualifier out of range (m) = manual integration (+) = signals summed

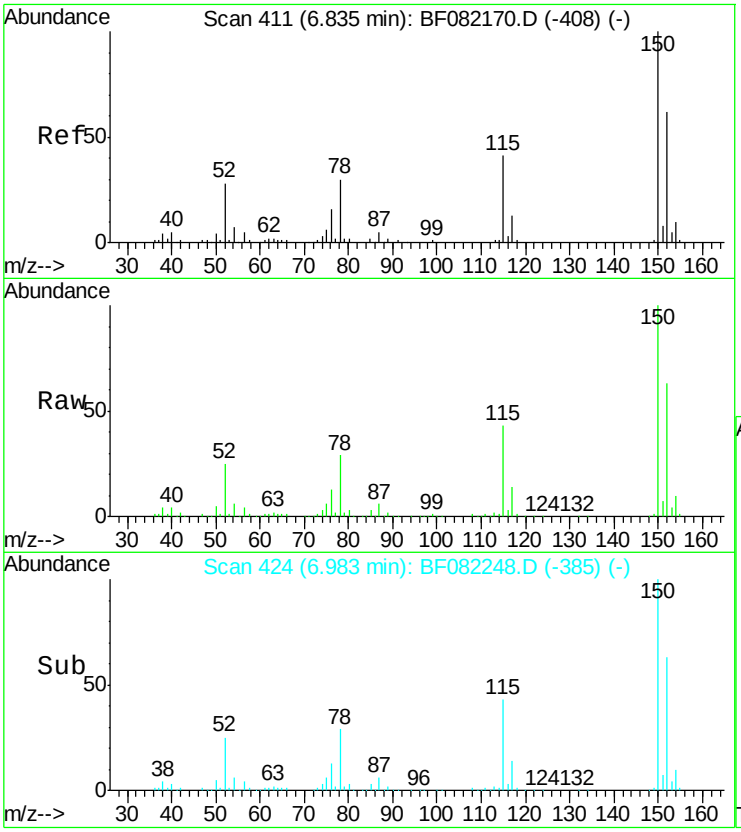
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082248.D
Acq On : 13 Oct 2015 7:31
Operator : UM/IZ
Sample : G3928-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Quant Time: Oct 13 07:59:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration



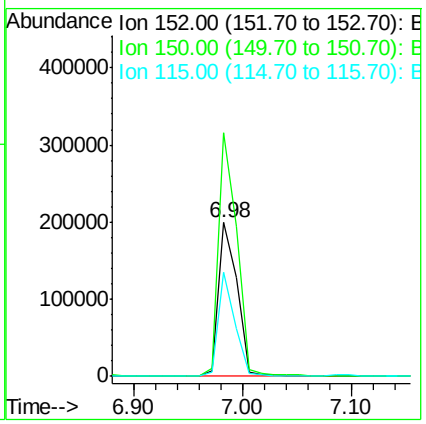


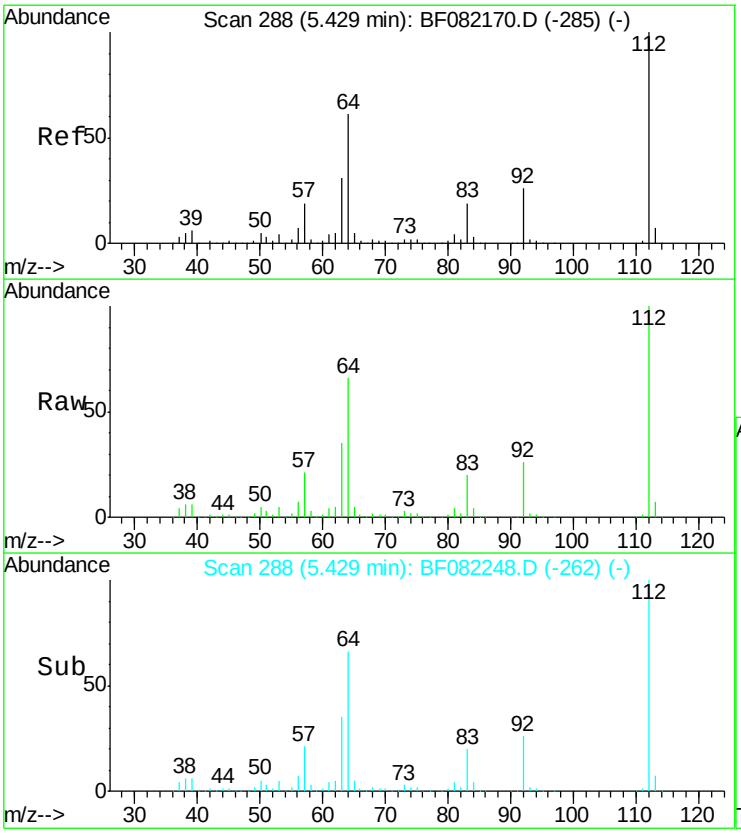
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:152 Resp: 236064

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.0	193.4
115	67.7	52.1	78.1

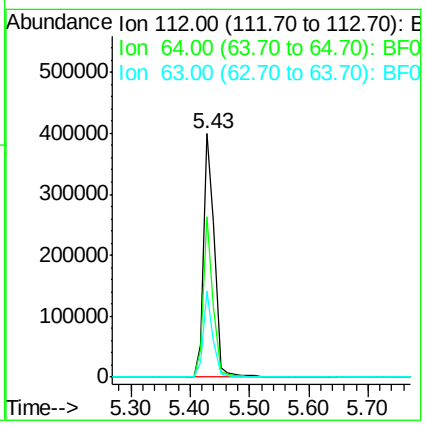


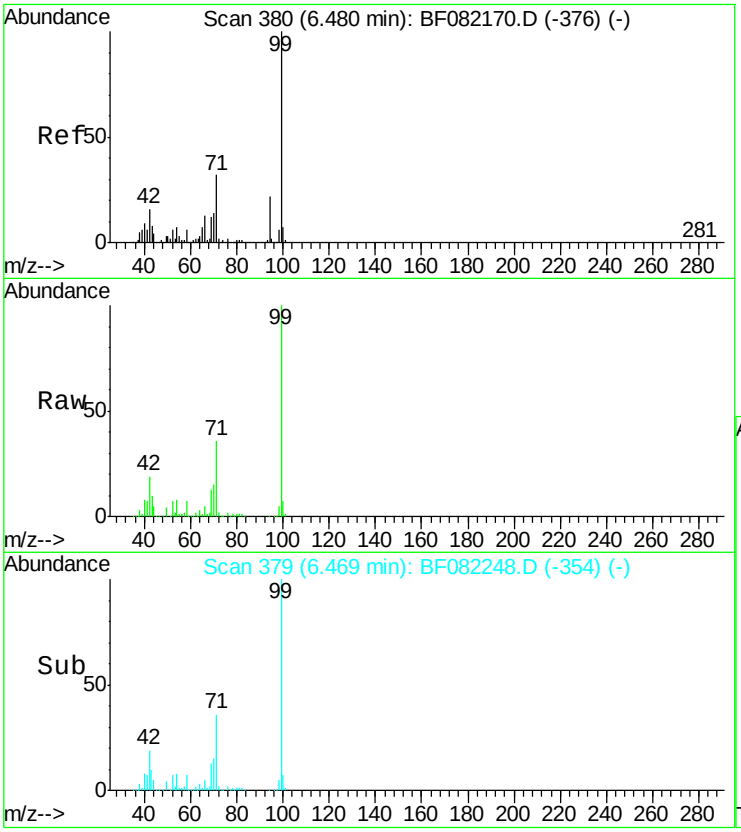


#5
2-Fluorophenol
Concen: 44.16 ng
RT: 5.43 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:112 Resp: 516530

Ion	Ratio	Lower	Upper
112	100		
64	66.1	48.6	73.0
63	35.4	25.1	37.7



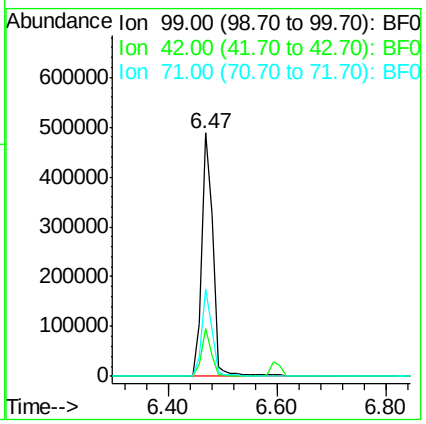


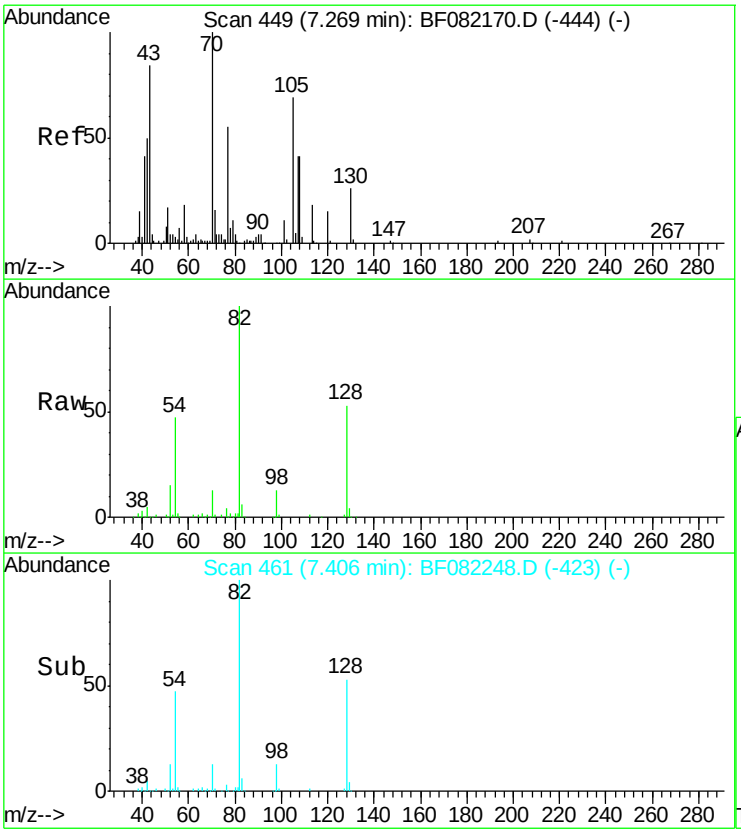
#7
Phenol-d6
Concen: 44.83 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion: 99 Resp: 682440

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.2	19.8
71	35.7	25.6	38.4

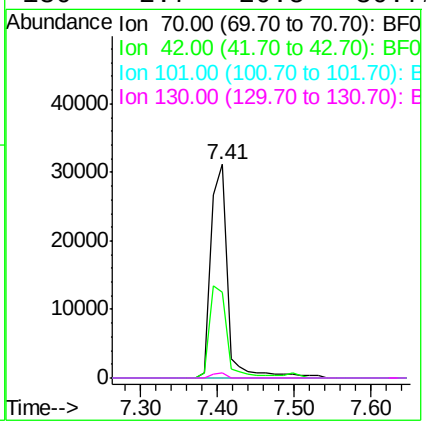


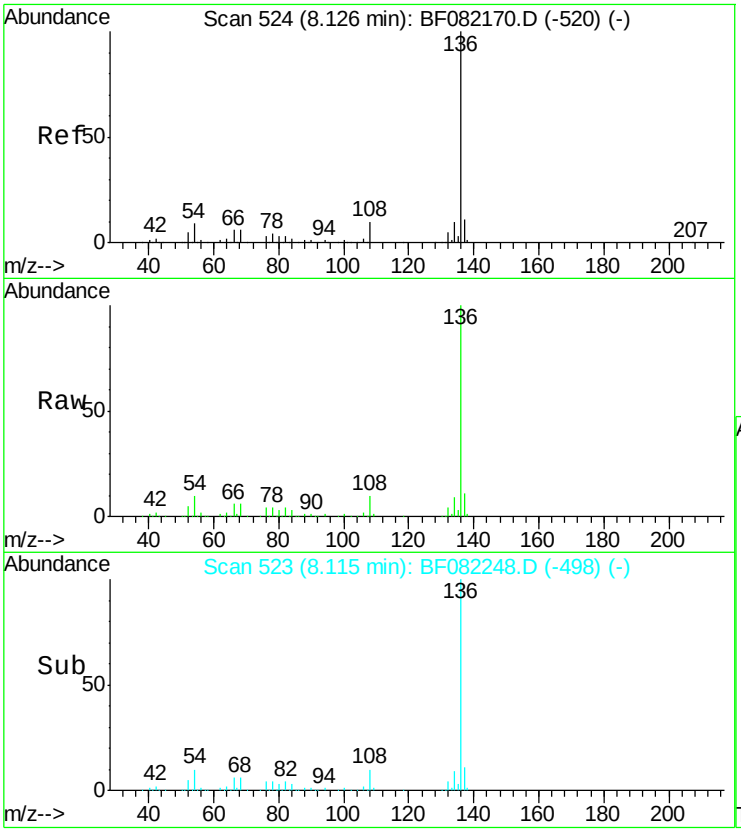


#19
n-Nitroso-di-n-propylamine
Concen: 4.38 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion: 70 Resp: 46772

Ion	Ratio	Lower	Upper
70	100		
42	40.1	39.8	59.8
101	0.0	8.6	13.0#
130	2.7	20.5	30.7#



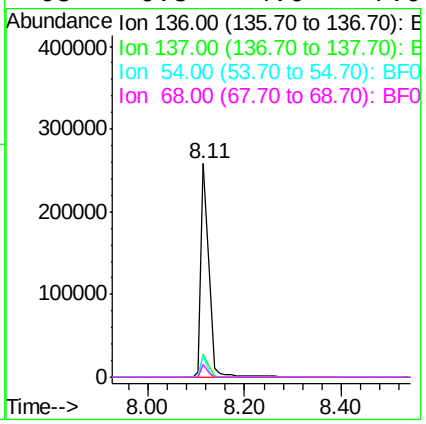


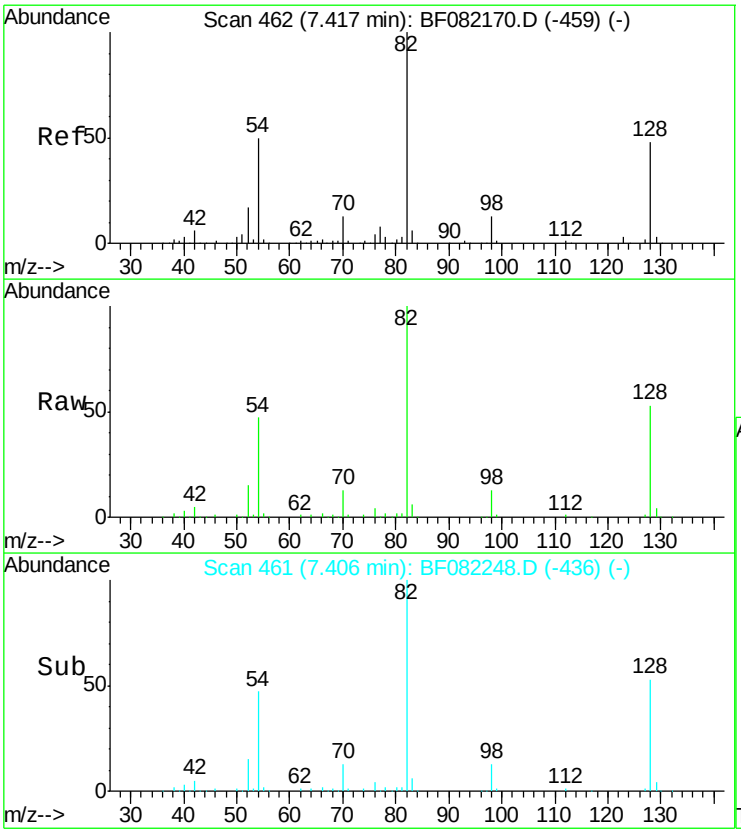
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:136 Resp: 291829

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.9	7.5	11.3
68	6.3	4.6	7.0

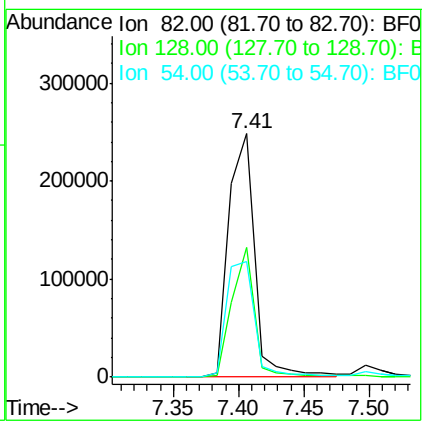


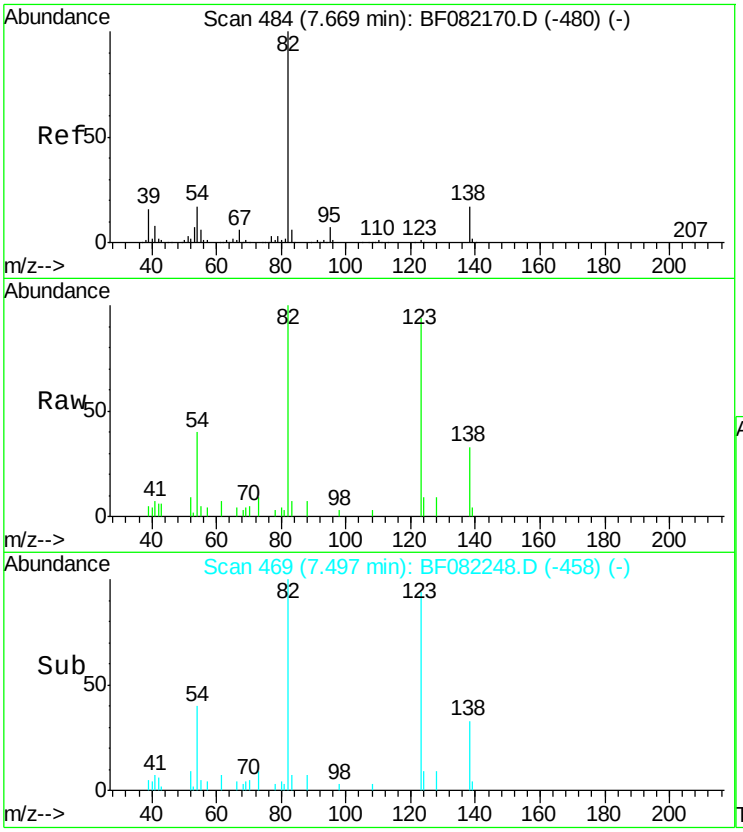


#23
Nitrobenzene-d5
Concen: 79.36 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion: 82 Resp: 344881

Ion	Ratio	Lower	Upper
82	100		
128	53.3	38.7	58.1
54	47.5	40.1	60.1



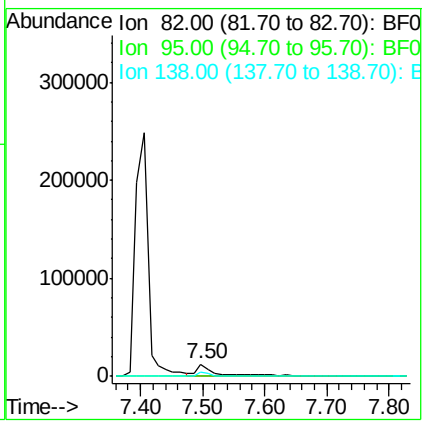


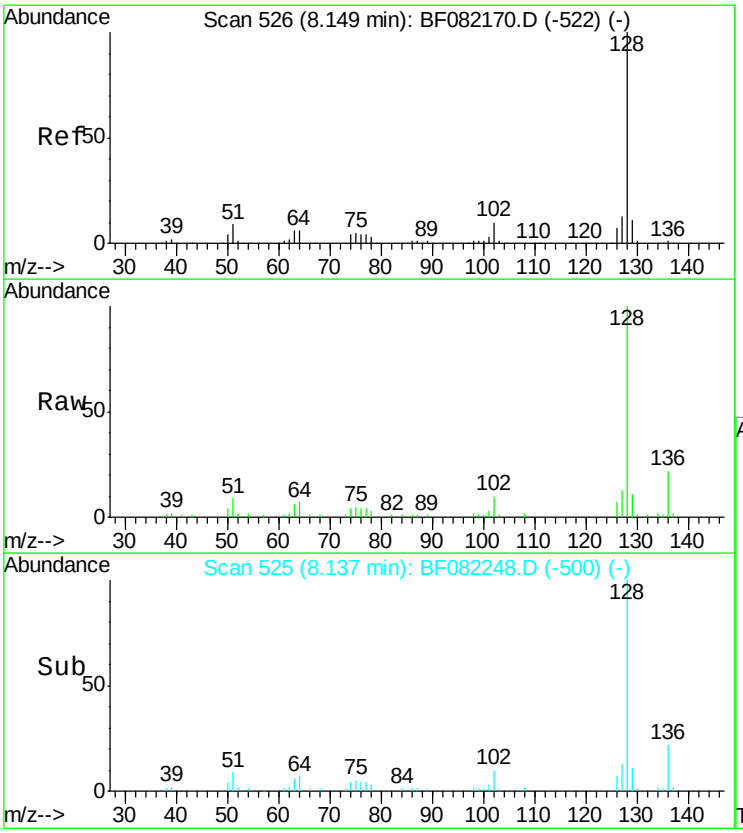
#25
Isophorone
Concen: 2.67 ng
RT: 7.50 min Scan# 469
Delta R.T. -0.17 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion: 82 Resp: 23441

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	33.3	13.6	20.4#

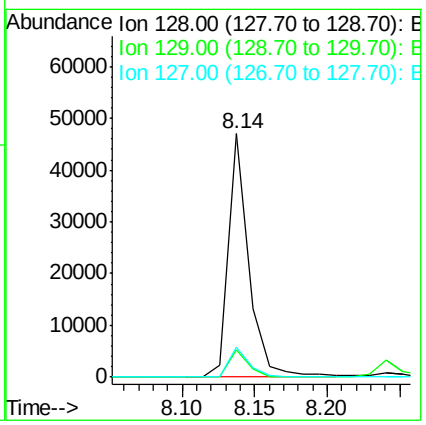


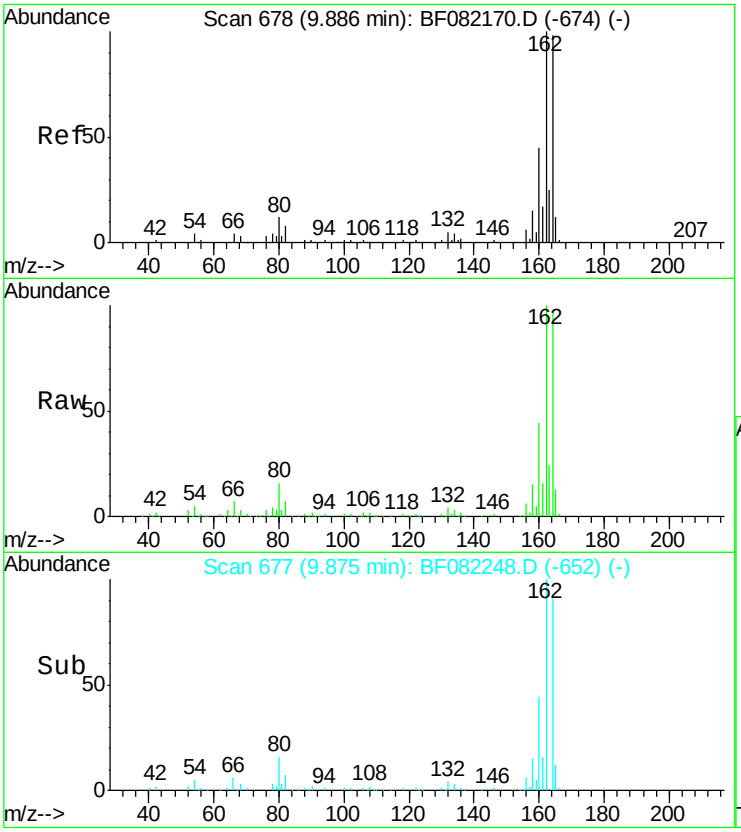


#31
Naphthalene
Concen: 3.65 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:128 Resp: 46141

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.5	10.7	16.1



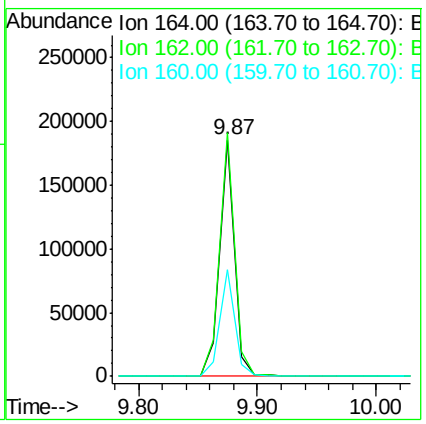


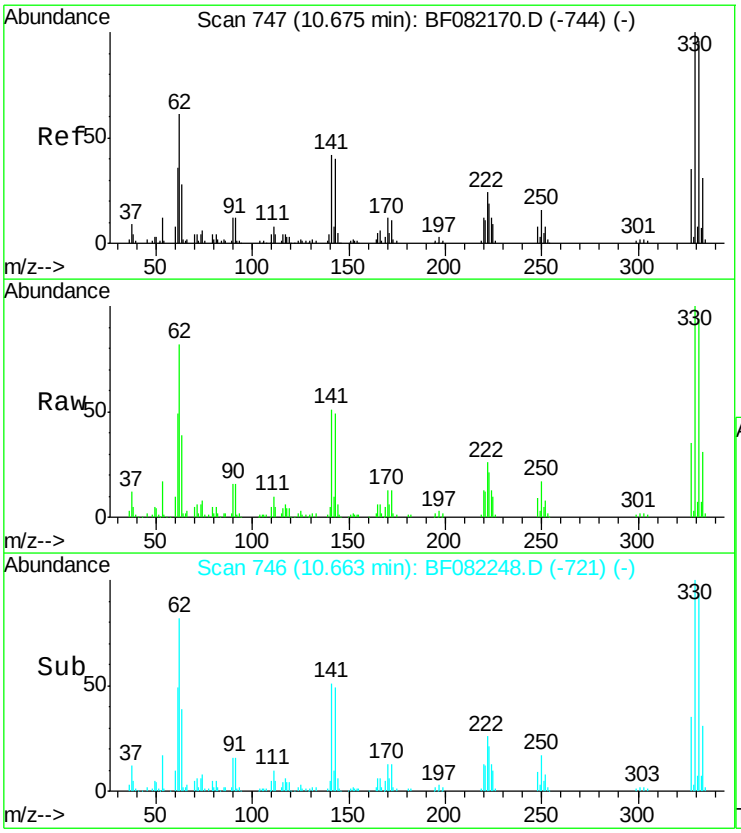
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:164 Resp: 158573

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.6	122.4
160	45.2	36.4	54.6

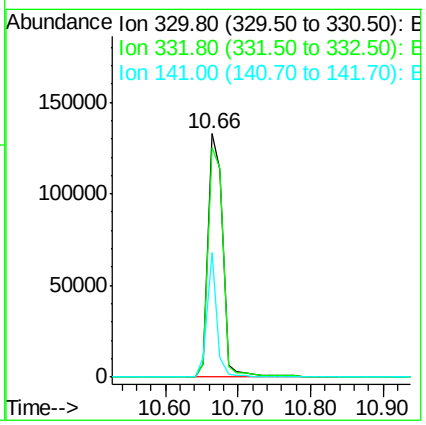


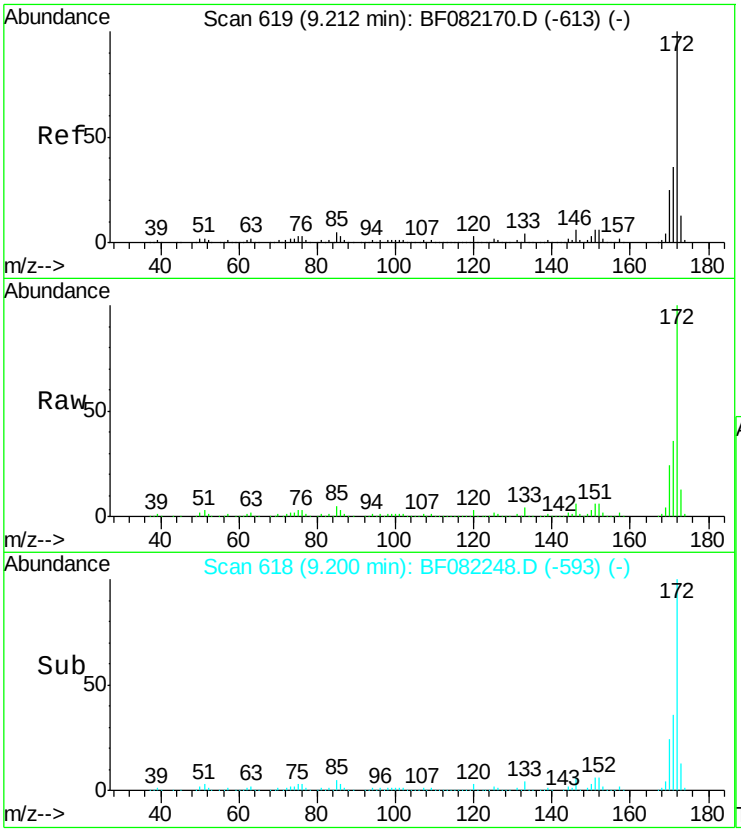


#41
2,4,6-Tribromophenol
Concen: 125.39 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:330 Resp: 186467

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	34.8	29.8	44.8



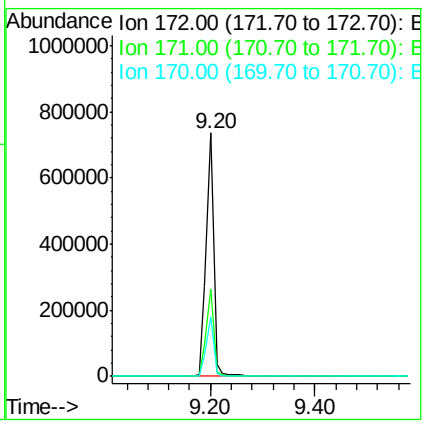


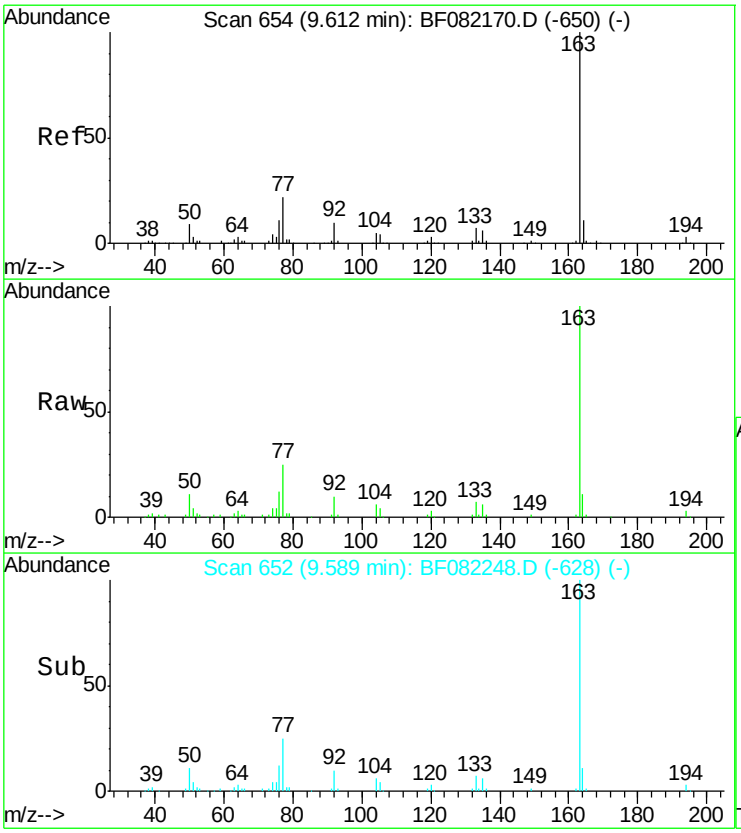
#44
2-Fluorobiphenyl
Concen: 78.77 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:172 Resp: 753169

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.2	19.7	29.5

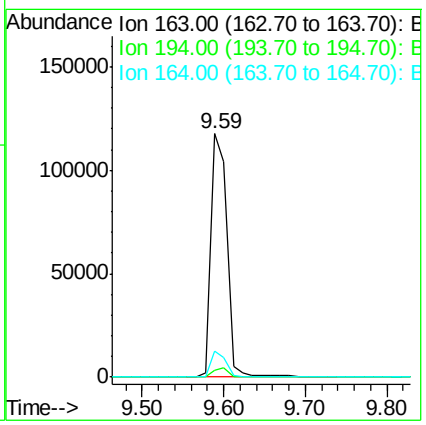


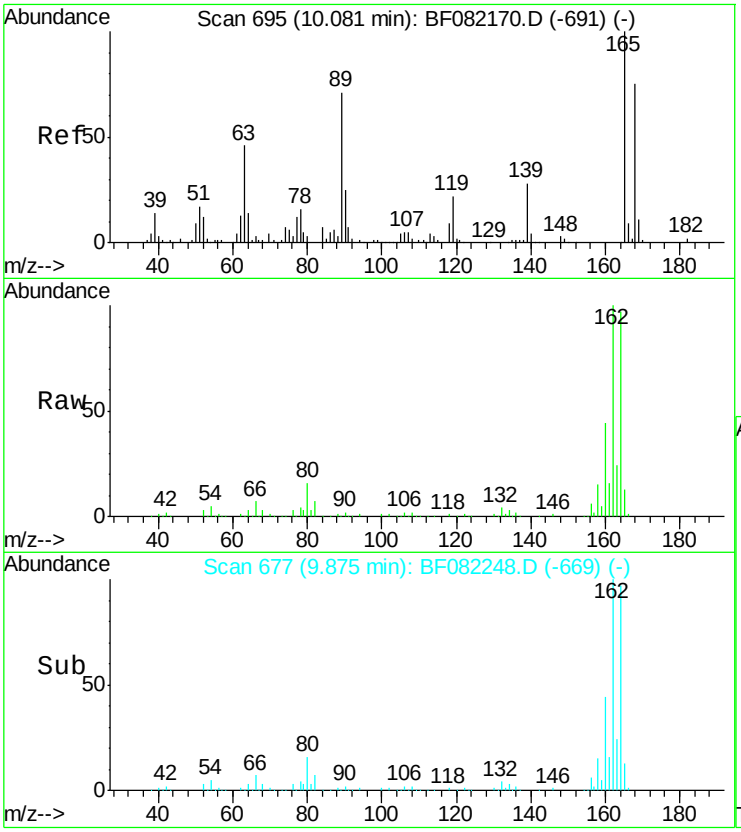


#49
Dimethylphthalate
Concen: 14.49 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:163 Resp: 161835

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.7	8.5	12.7



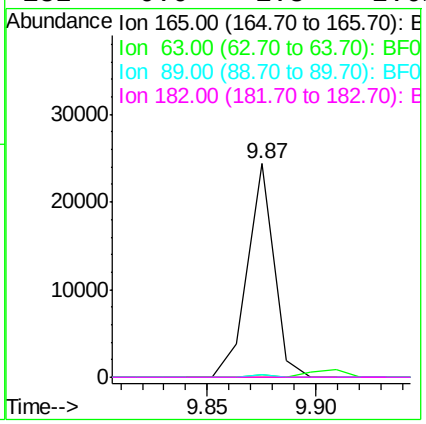


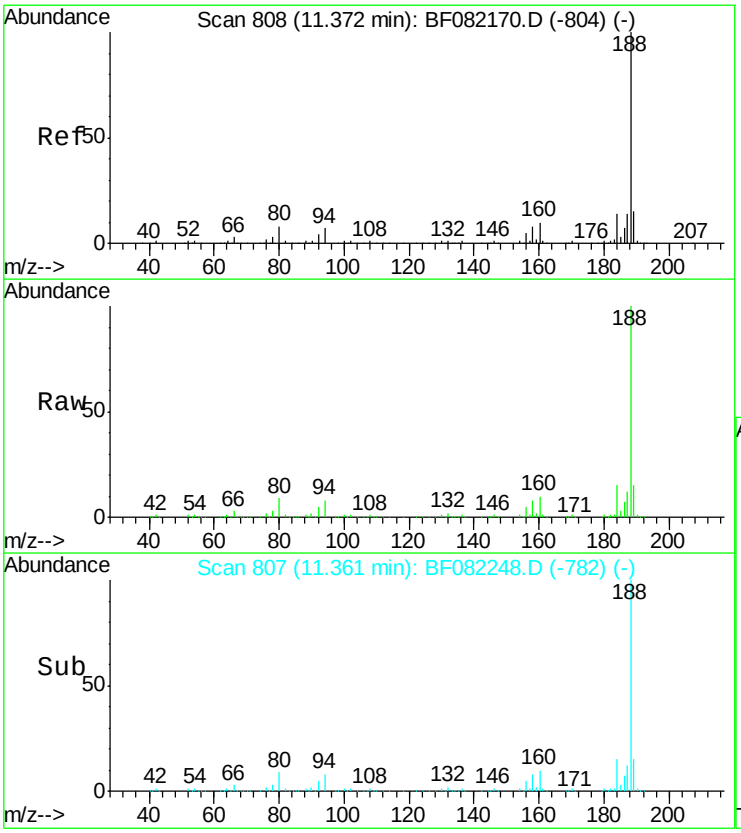
#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:165 Resp: 20628

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.6	58.0#
89	1.4	57.0	85.6#
182	0.0	1.8	2.6#

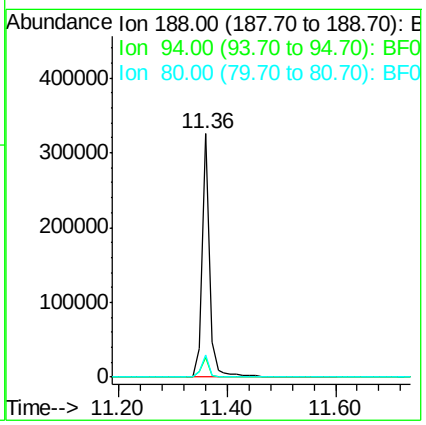


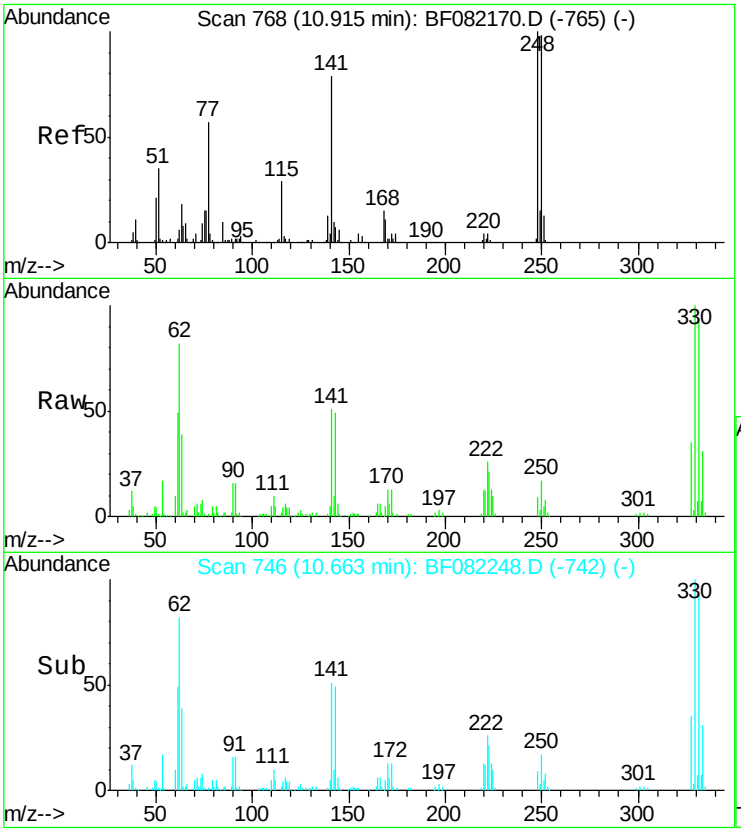


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:188 Resp: 308684

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.6
80	8.9	6.4	9.6



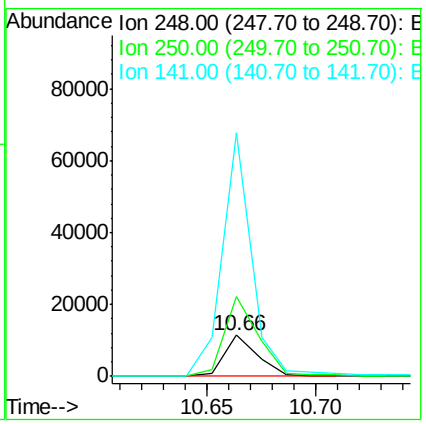


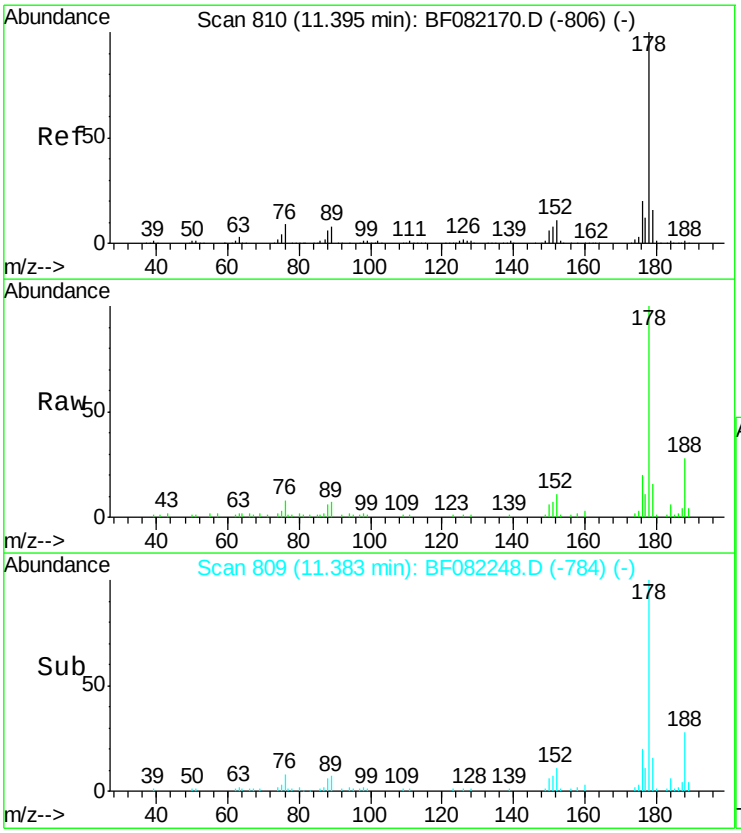
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:248 Resp: 12057

Ion	Ratio	Lower	Upper
248	100		
250	193.6	78.6	117.8#
141	590.1	63.3	94.9#

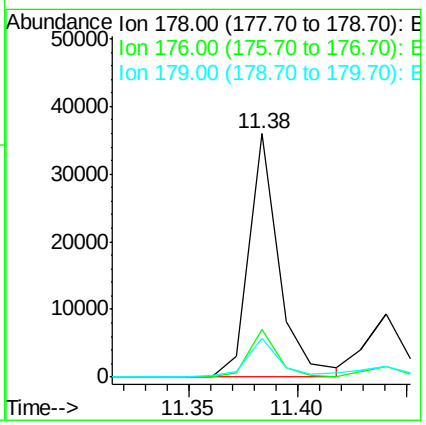


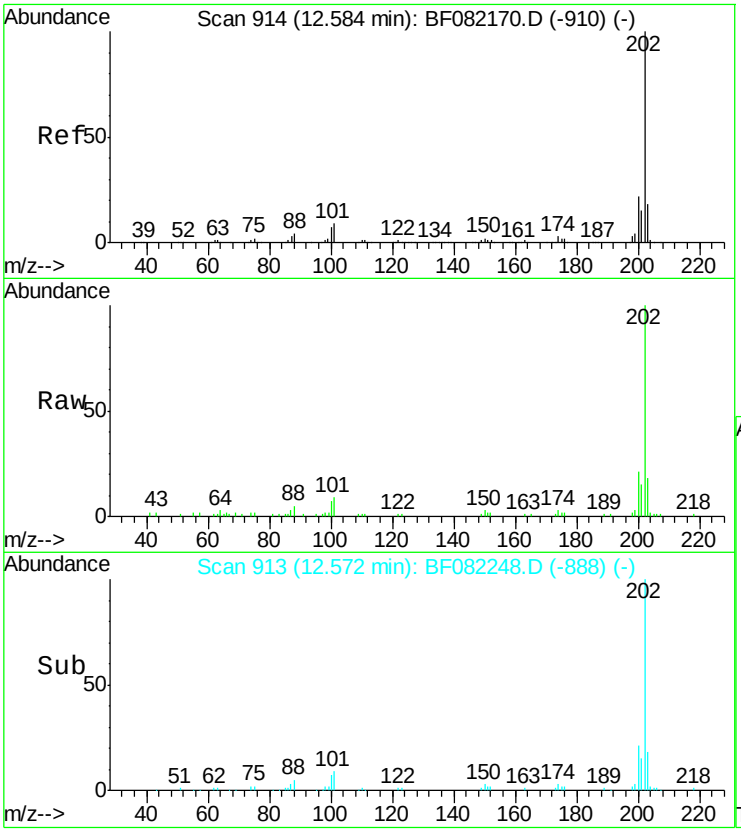


#70
Phenanthrene
Concen: 2.30 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:178 Resp: 34734

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.8	12.6	19.0



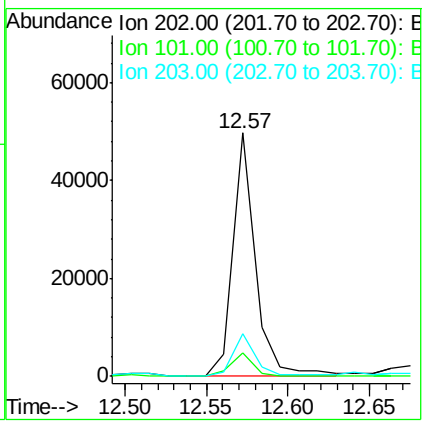


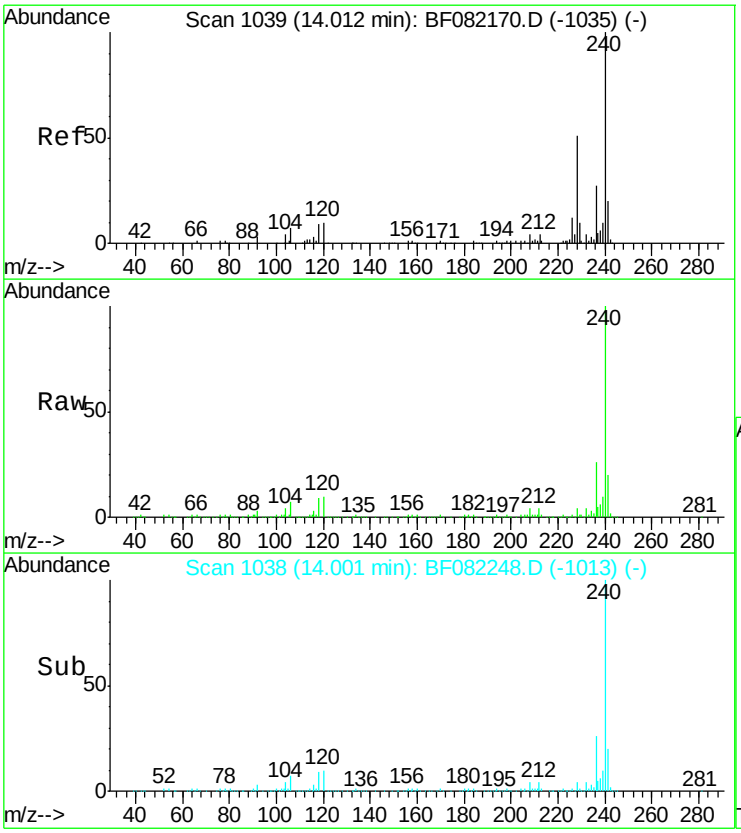
#74
Fluoranthene
Concen: 2.92 ng
RT: 12.57 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:202 Resp: 47372

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
203	17.6	0.0	37.8

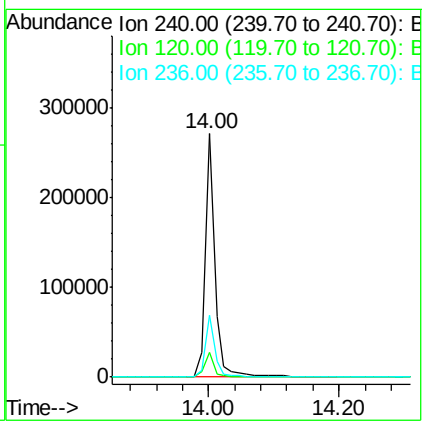


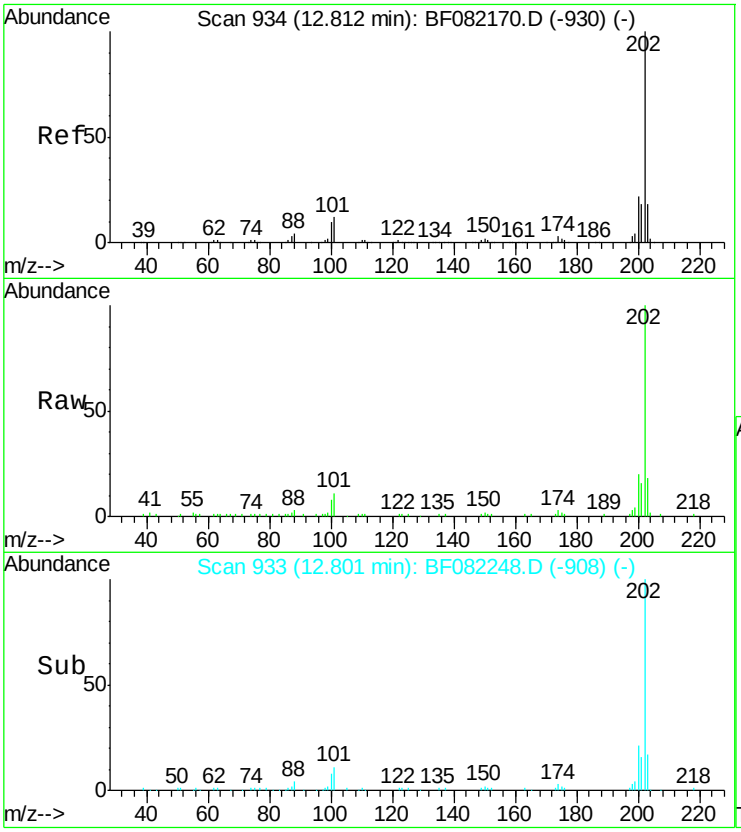


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:240 Resp: 278753

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.6	21.3	31.9



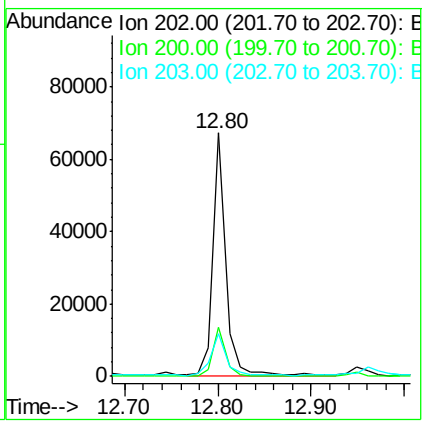


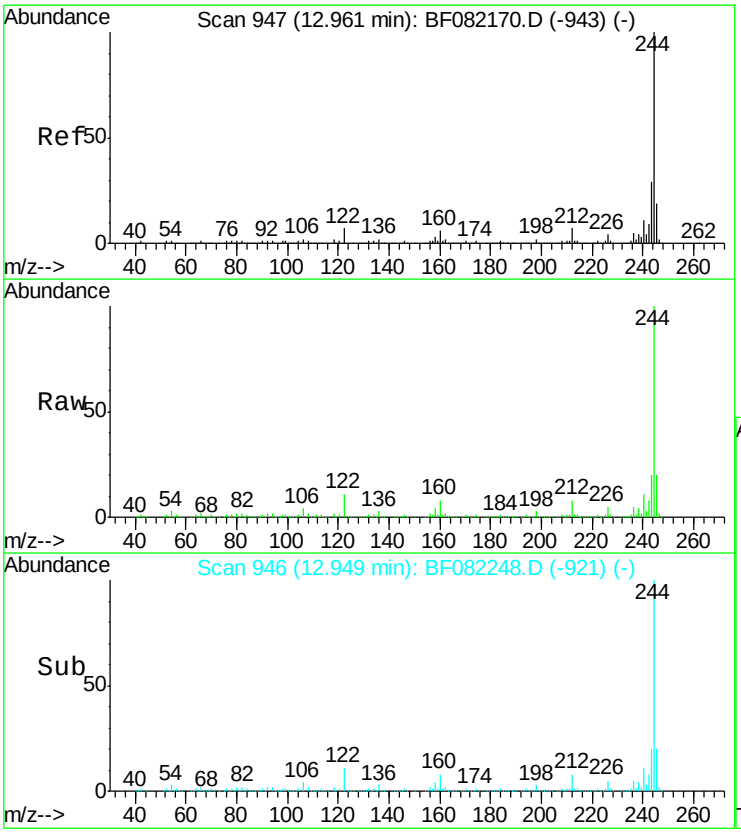
#77
Pyrene
Concen: 4.04 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:202 Resp: 66791

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.9	26.9
203	17.7	14.5	21.7

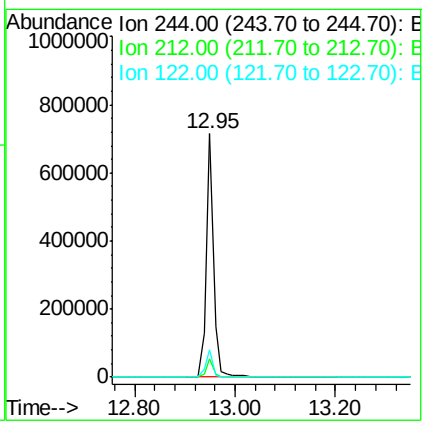


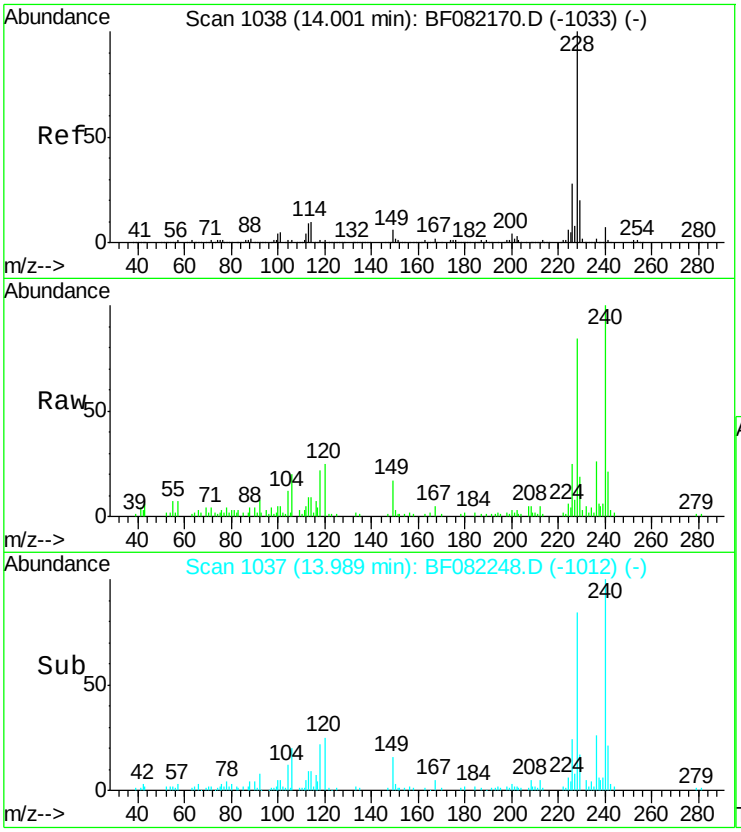


#78
Terphenyl-d14
Concen: 68.33 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:244 Resp: 718828

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.2	5.9	8.9#



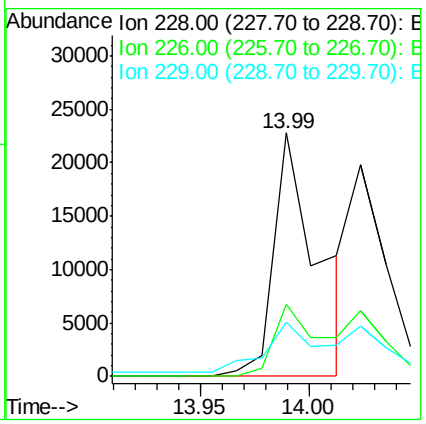


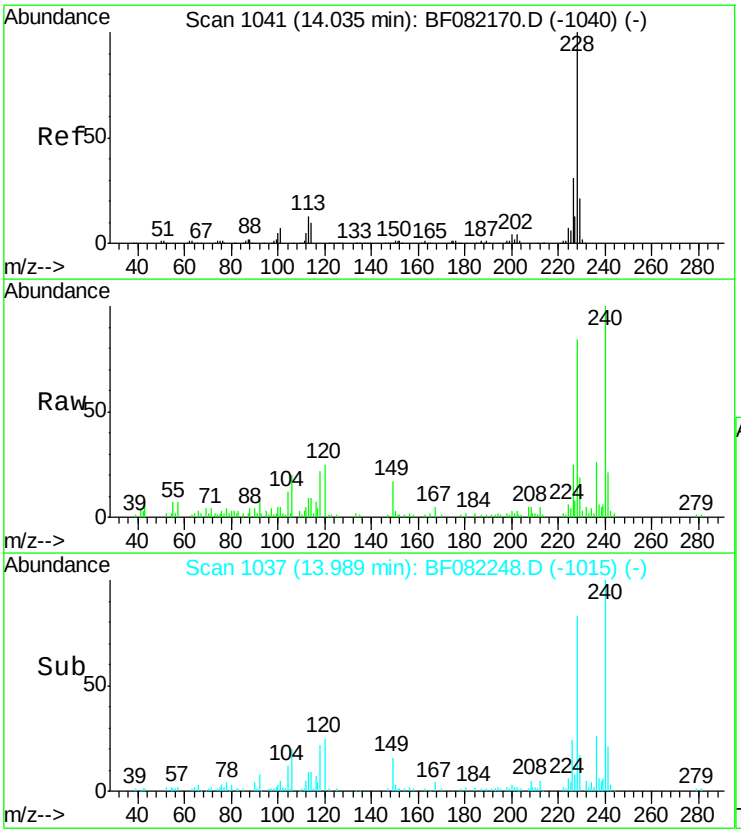
#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:228 Resp: 32077

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.3	33.5
229	22.1	16.2	24.2

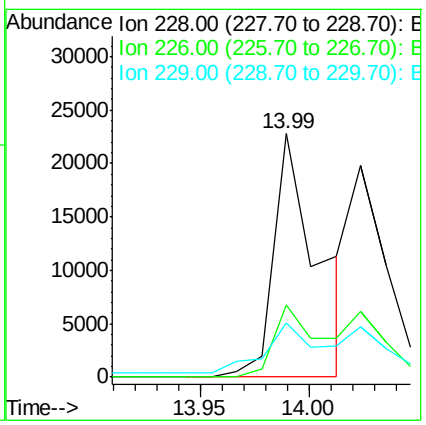


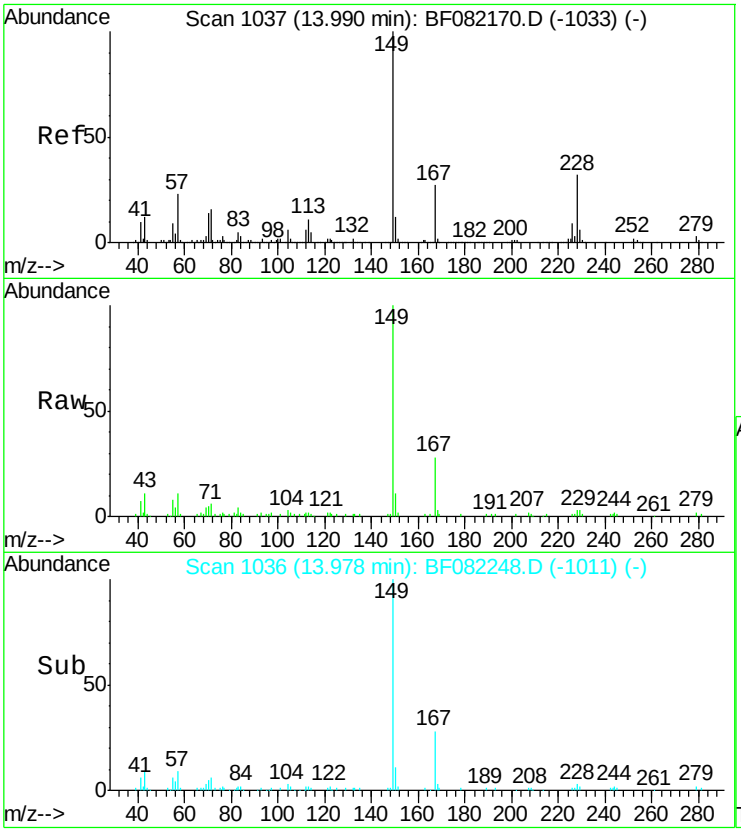


#82
Chrysene
Concen: 2.10 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:228 Resp: 32077

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.1	16.3	24.5



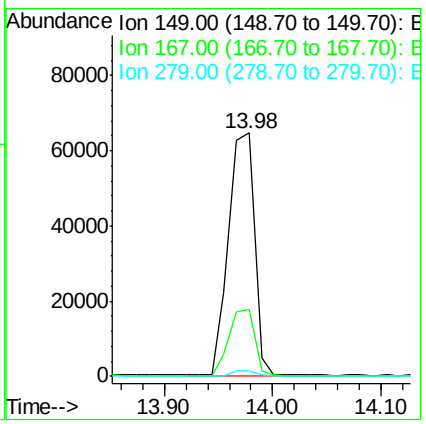


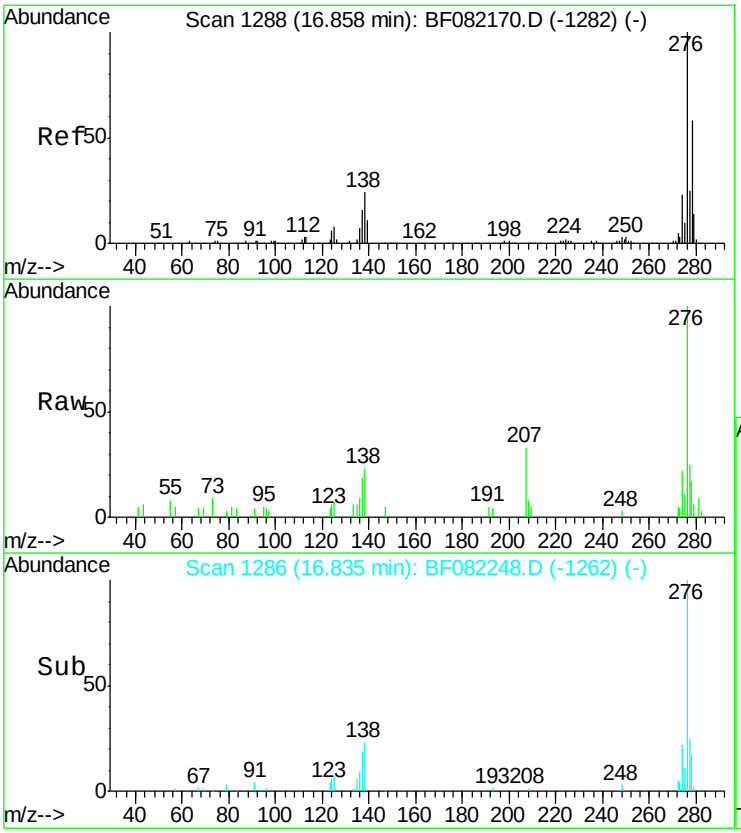
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.01 ng
RT: 13.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:149 Resp: 107823

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	2.3	2.6	4.0#

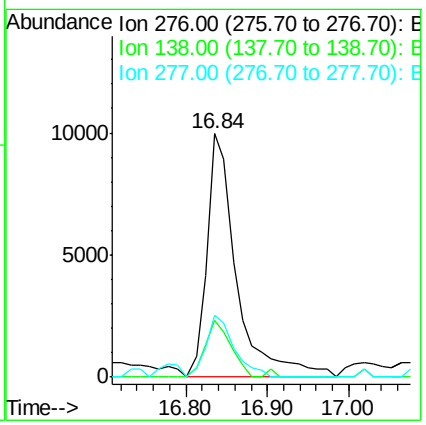


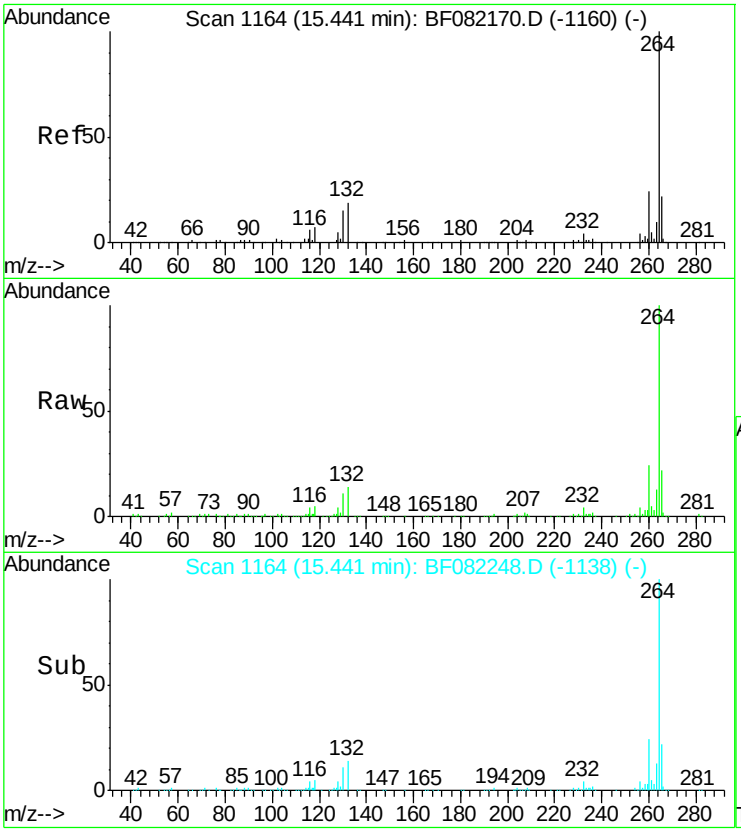


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng
RT: 16.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:276 Resp: 25212

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.7	29.5
277	24.0	20.1	30.1



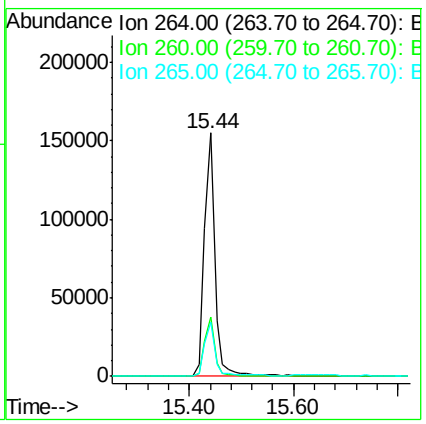


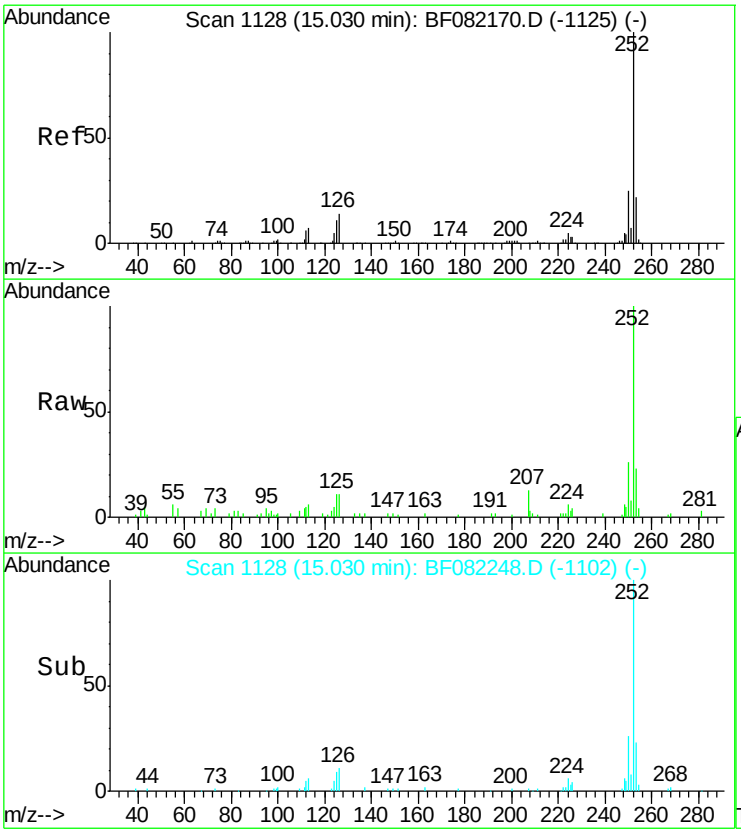
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:264 Resp: 219606

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.3	17.3	25.9

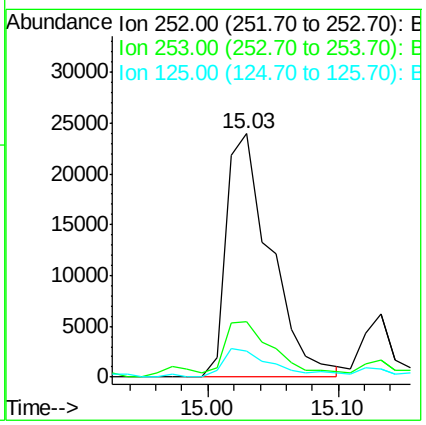


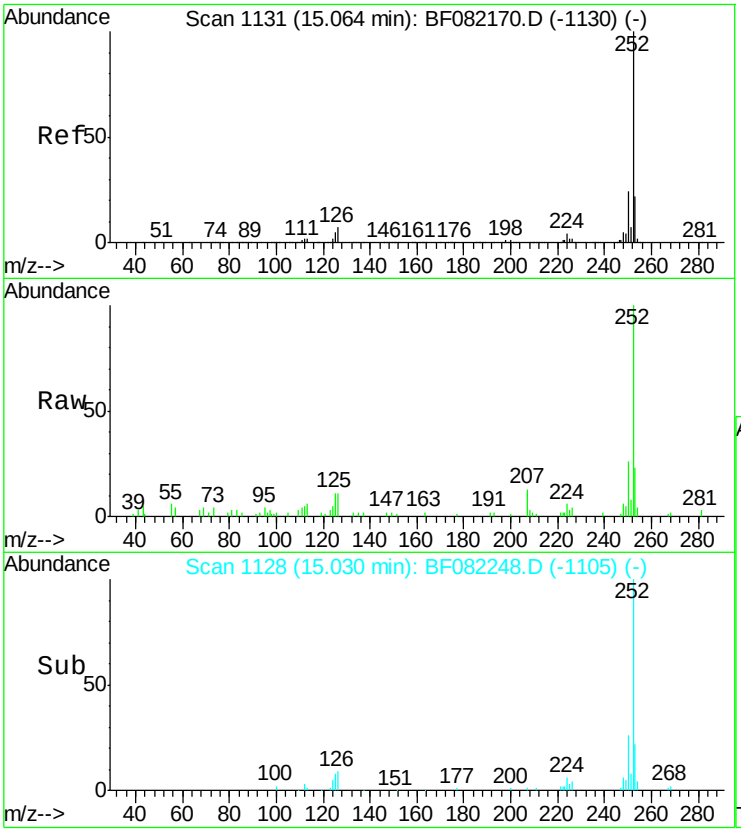


#87
Benzo(b)fluoranthene
Concen: 4.23 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:252 Resp: 56554

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.6	8.6	12.8



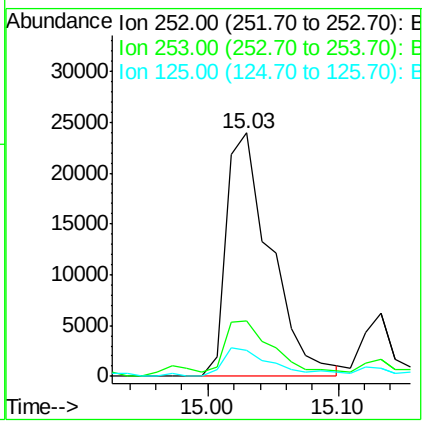


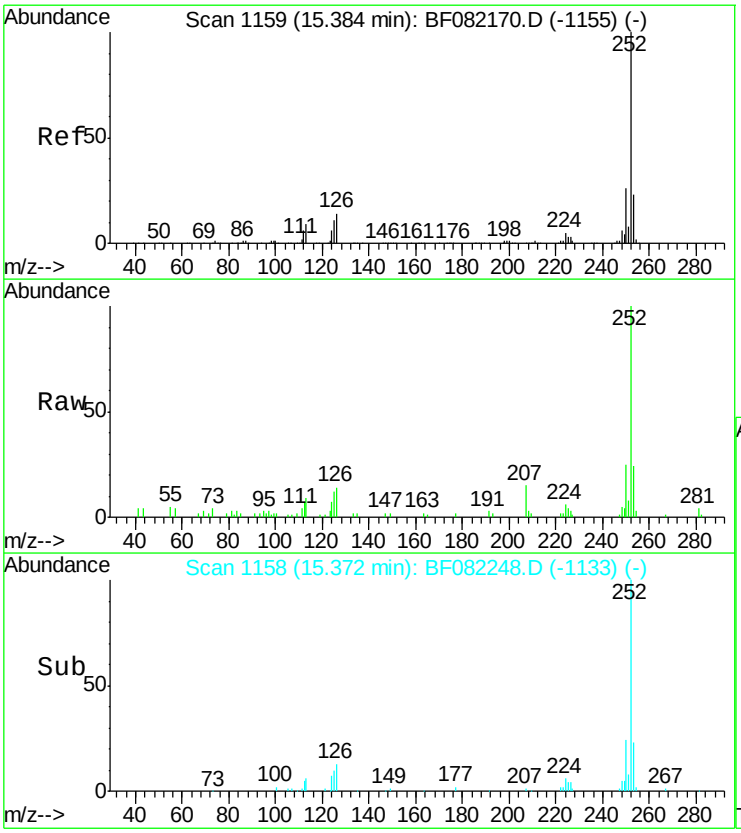
#88
Benzo(k)fluoranthene
Concen: 5.04 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:252 Resp: 56554

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.6	6.7	10.1#

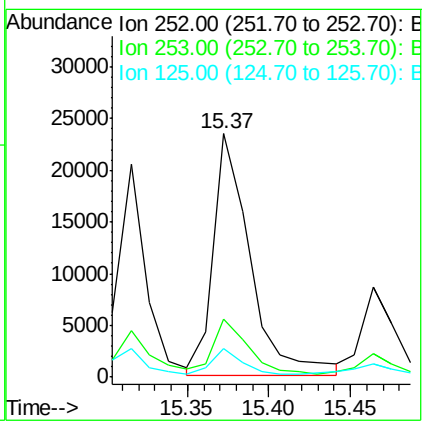


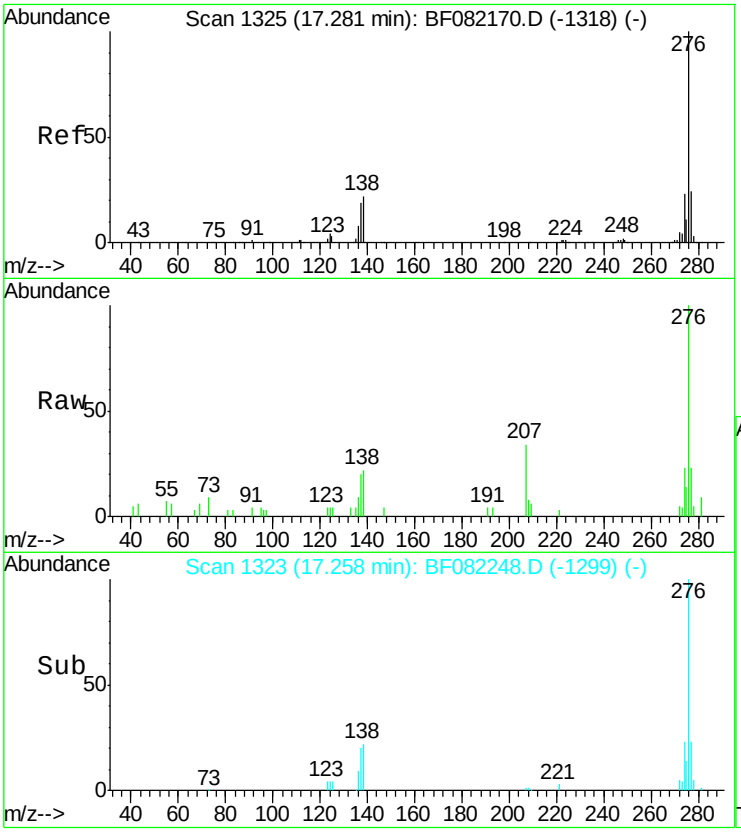


#89
Benzo(a)pyrene
Concen: 3.23 ng
RT: 15.37 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion:252 Resp: 37086

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	12.0	8.9	13.3





#91
Benzo(g,h,i)perylene
Concen: 2.67 ng
RT: 17.26 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tgt Ion:276 Resp: 24448

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	22.0	17.4	26.2