Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082890.D
Acq On : 11 Nov 2015 1:07
Operator : UM/IZ
Sample : G4253-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-BOTTOM

Quant Time: Nov 13 18:28:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	219162	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	753080	20.00	ng		-0.05
38) Acenaphthene-d10	9.87	164	329515	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	518281	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	468467	20.00	ng		-0.03
86) Perylene-d12	15.40	264	495371	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1524829	108.25	ng		-0.02
7) Phenol-d6	6.45	99	1839784	98.25	ng		-0.02
23) Nitrobenzene-d5	7.38	82	1255846	72.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.67	330	366893	97.11	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1643584	71.49	ng		-0.03
78) Terphenyl-d14	12.95	244	1578182	79.90	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.58	163	383776	14.22	ng	#	91
70) Phenanthrene	11.39	178	512119	17.02	ng	#	89
71) Anthracene	11.44	178	137666	4.34	ng	#	68
74) Fluoranthene	12.58	202	1149509	35.59	ng		95
77) Pyrene	12.80	202	1118485	34.77	ng		98
80) Benzo(a)anthracene	13.97	228	514051	17.55	ng		95
82) Chrysene	14.01	228	583661	21.75	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	87778	4.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	376095	16.28	ng		93
87) Benzo(b)fluoranthene	14.99	252	850933m	26.76	ng		
88) Benzo(k)fluoranthene	15.01	252	170328m	6.04	ng		
89) Benzo(a)pyrene	15.33	252	472434	17.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.77	278	97764	4.19	ng	#	94
91) Benzo(g,h,i)perylene	17.19	276	364115	16.30	ng		97

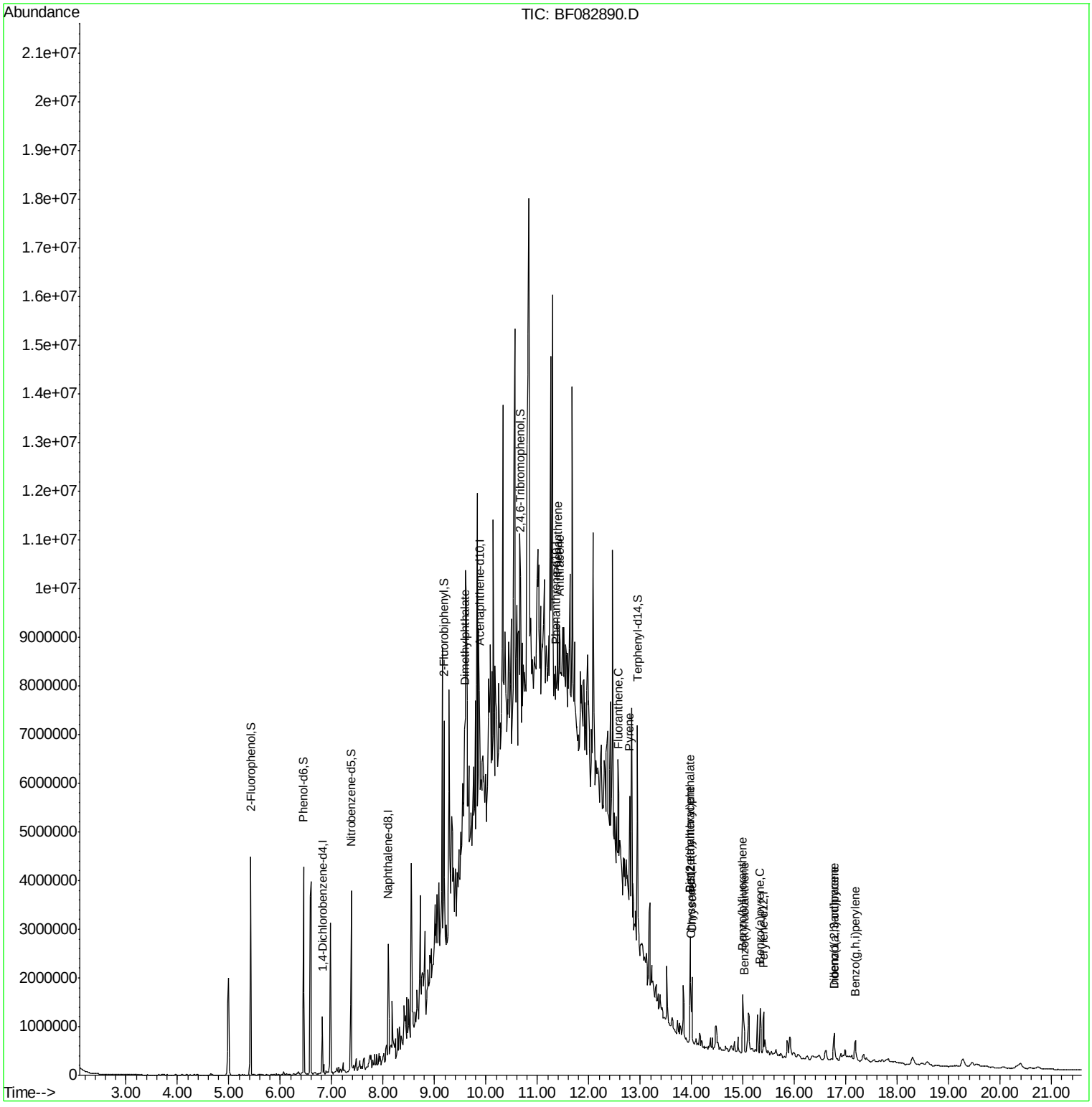
(#) = qualifier out of range (m) = manual integration (+) = signals summed

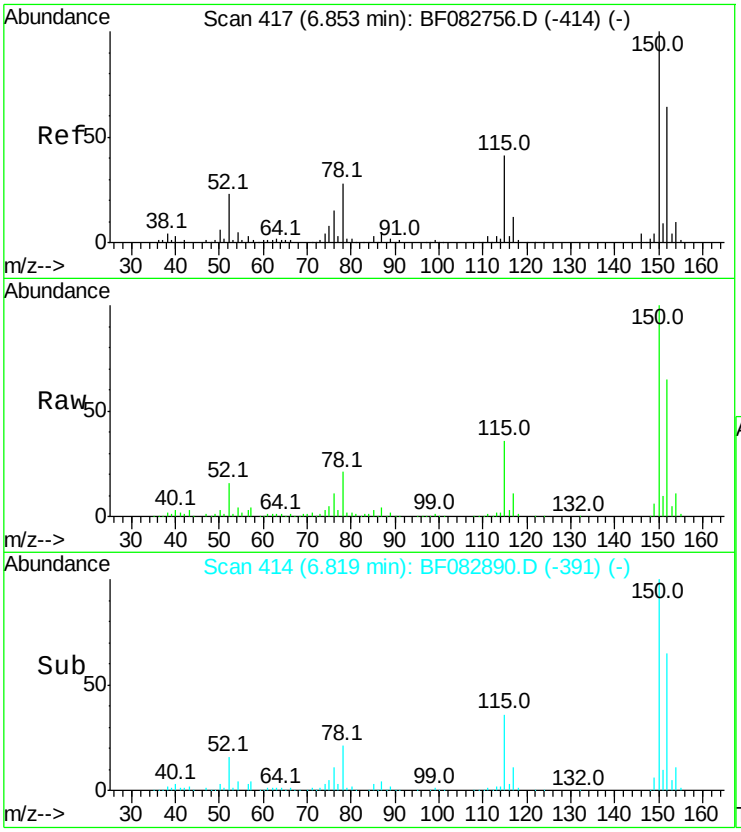
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082890.D
Acq On : 11 Nov 2015 1:07
Operator : UM/IZ
Sample : G4253-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Quant Time: Nov 13 18:28:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration



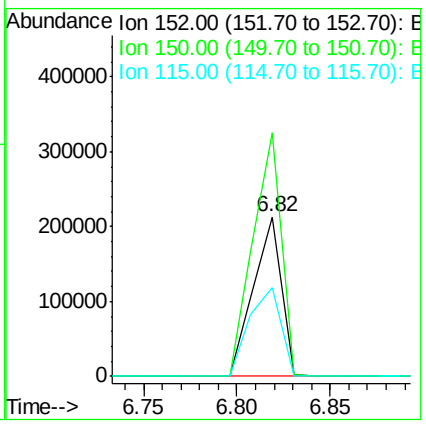


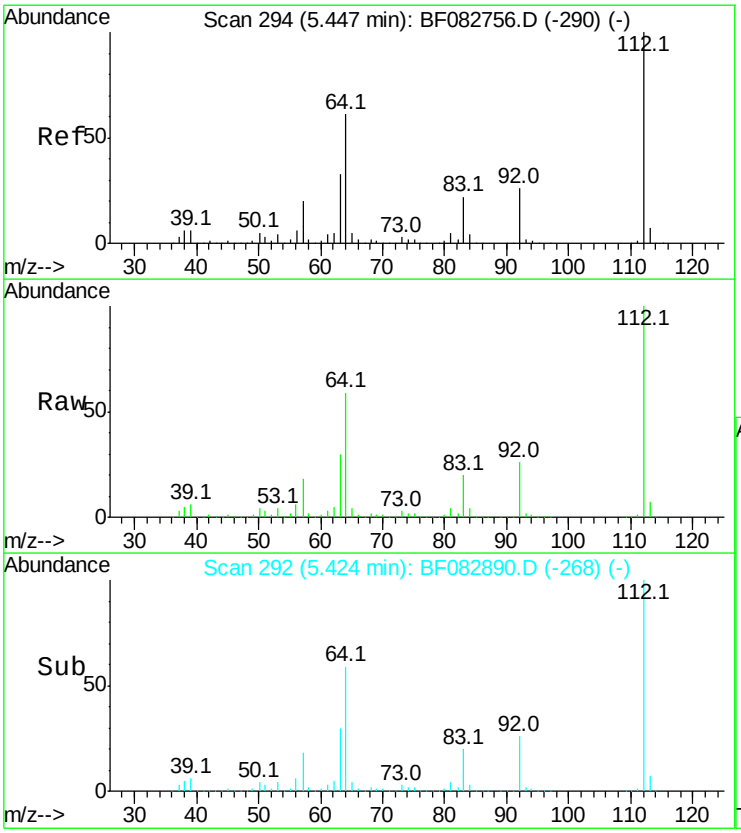
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:152 Resp: 219162

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.4
115	55.6	47.0	70.6

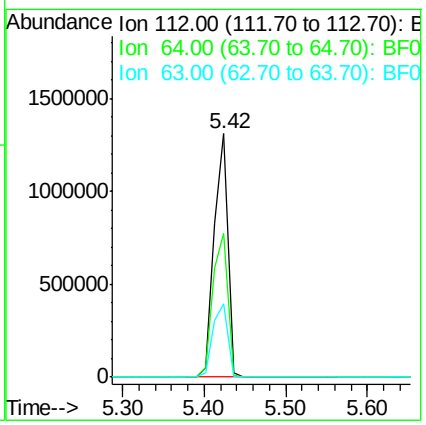


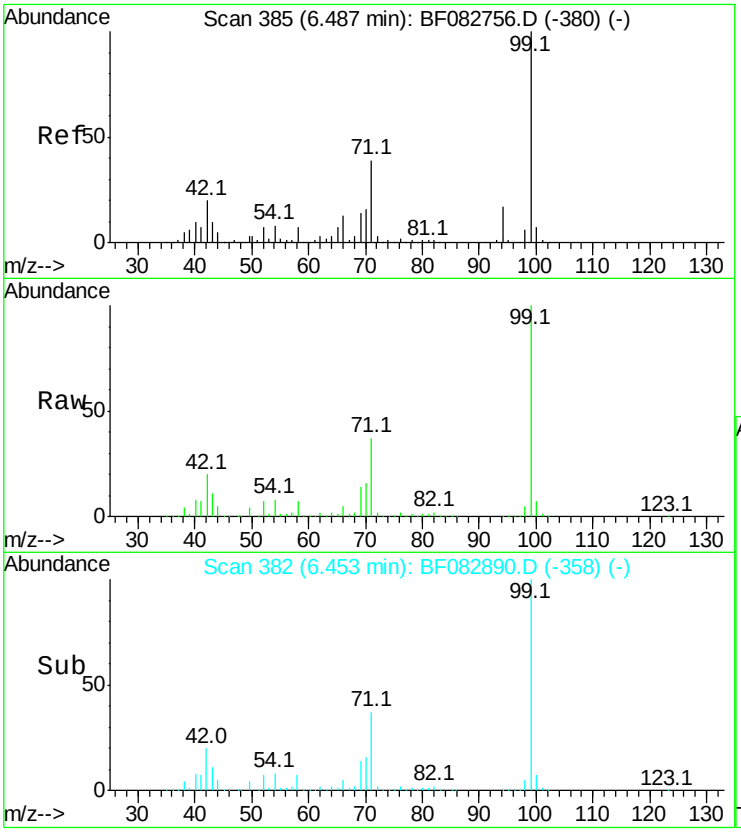


#5
2-Fluorophenol
Concen: 108.25 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:112 Resp: 1524829

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.9	73.3
63	30.1	28.1	42.1



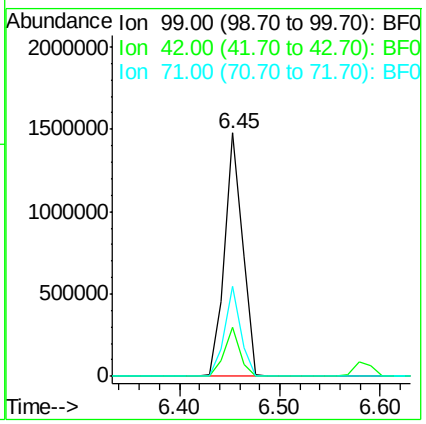


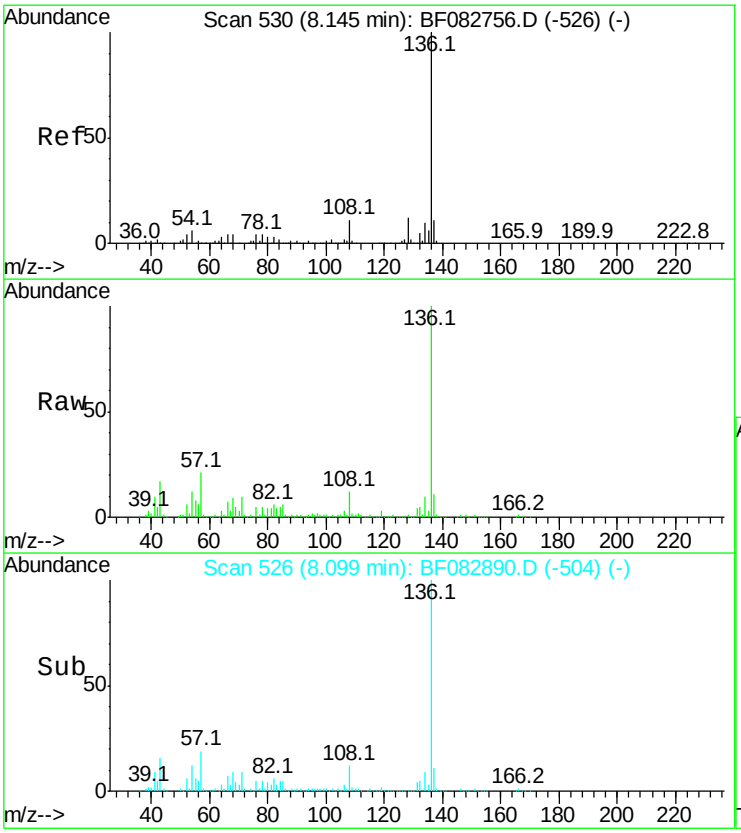
#7
Phenol-d6
Concen: 98.25 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion: 99 Resp: 1839784

Ion	Ratio	Lower	Upper
99	100		
42	20.1	19.2	28.8
71	36.9	35.0	52.4

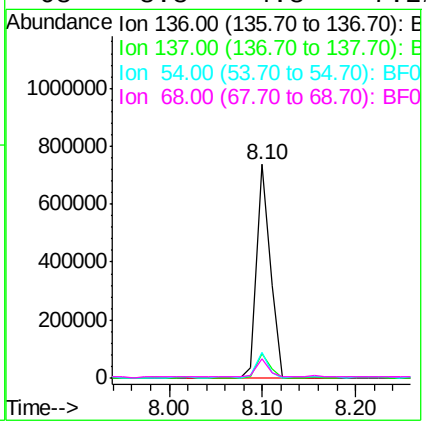


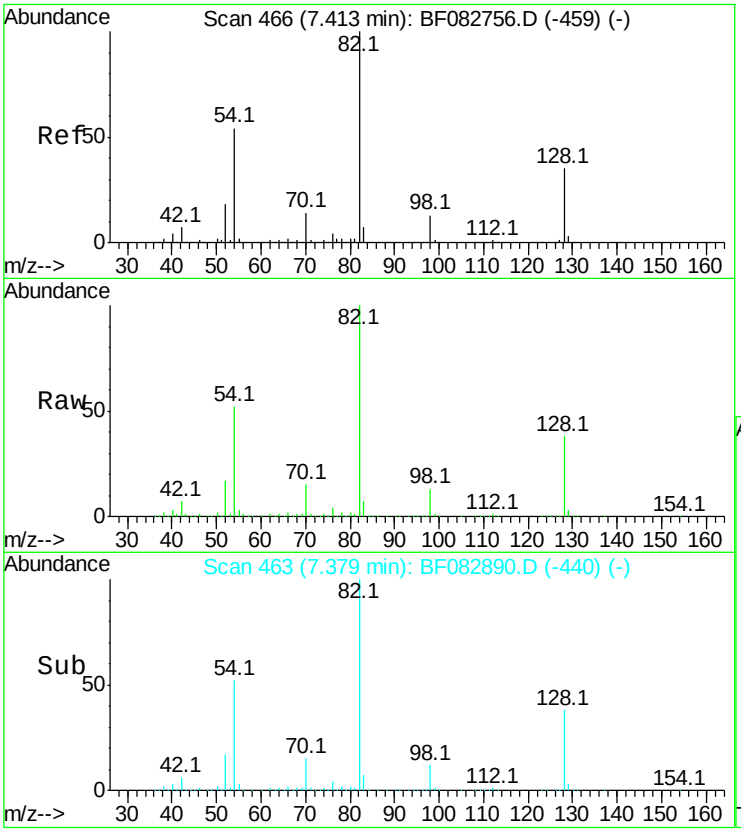


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:136 Resp: 753080

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.8	9.1	13.7
68	8.8	4.8	7.2#



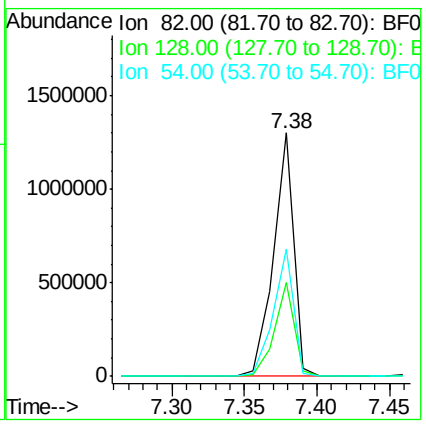


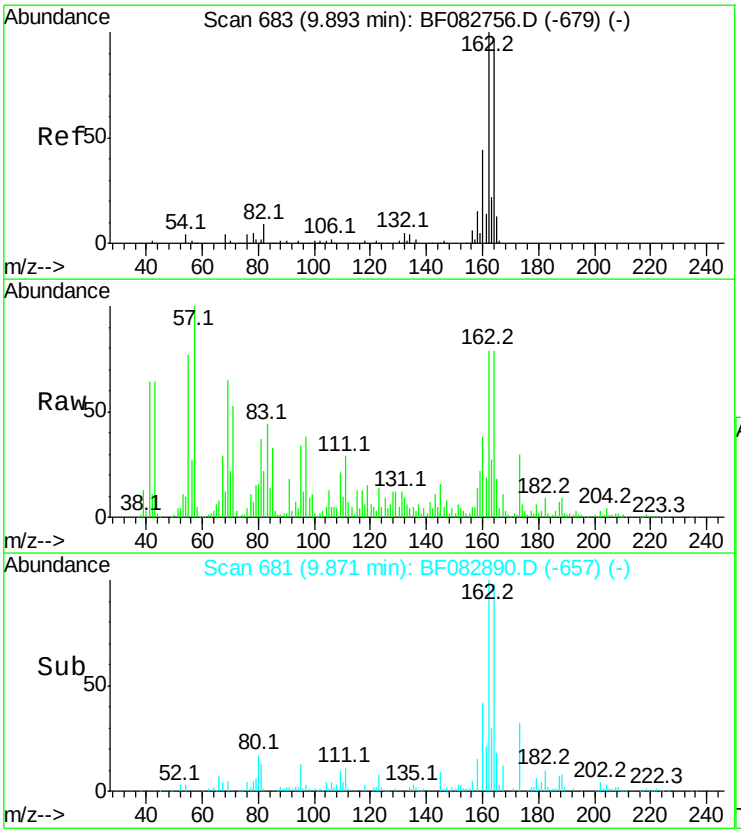
#23
Nitrobenzene-d5
Concen: 72.56 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion: 82 Resp: 1255846

Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.8	40.2
54	52.0	45.7	68.5

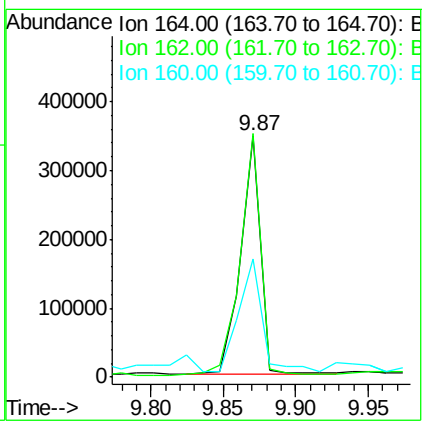


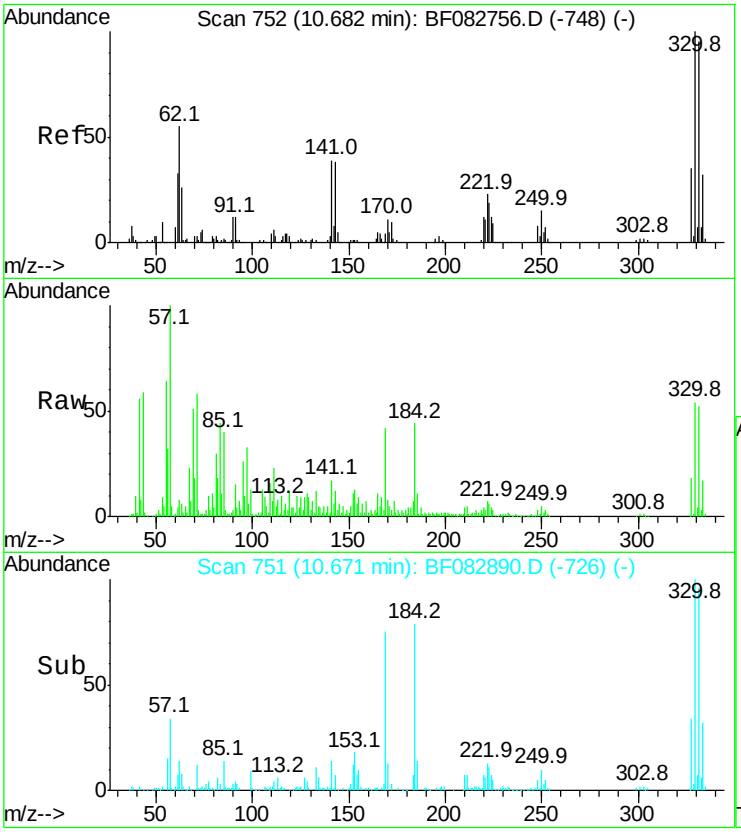


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:164 Resp: 329515

Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.9	127.3
160	48.8	37.5	56.3



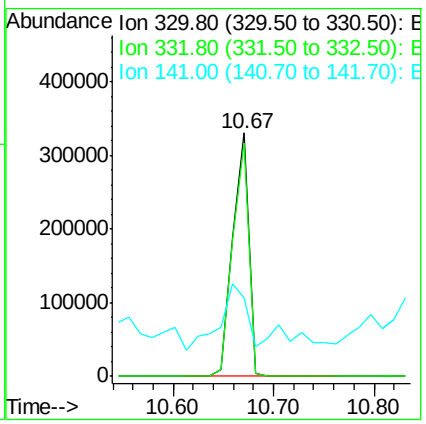


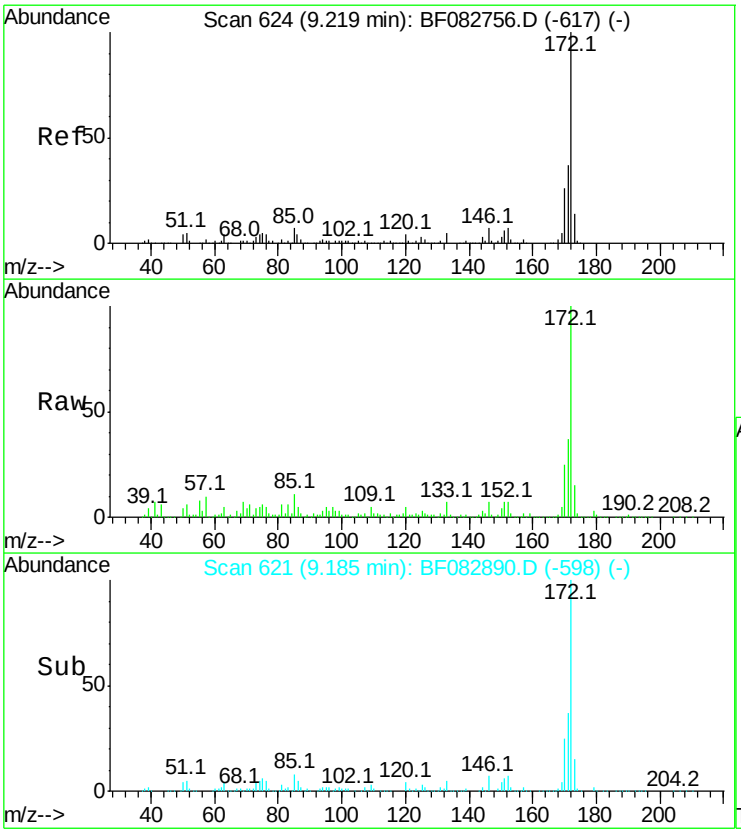
#41
2,4,6-Tribromophenol
Concen: 97.11 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:330 Resp: 366893

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	46.9	41.2	61.8

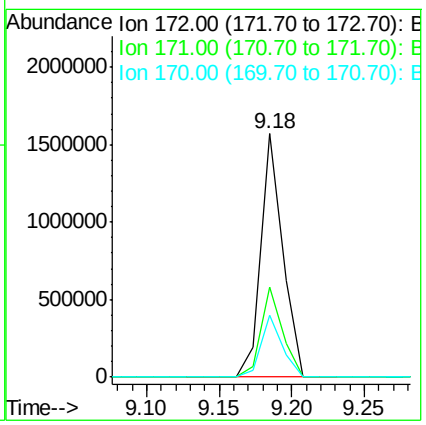


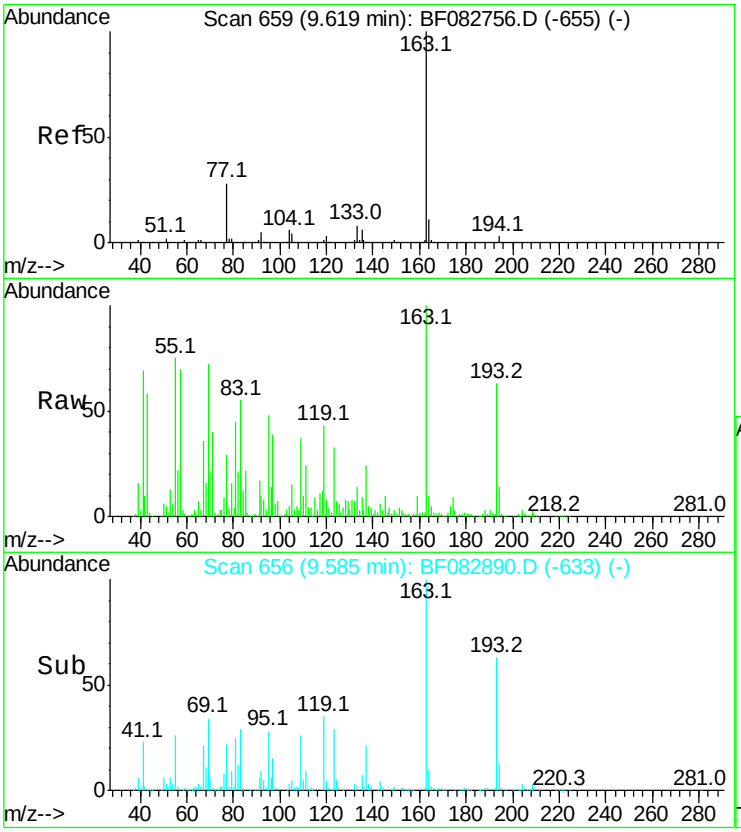


#44
2-Fluorobiphenyl
Concen: 71.49 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:172 Resp: 1643584

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.2	21.2	31.8



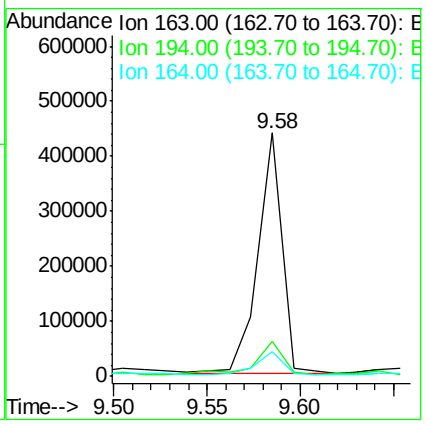


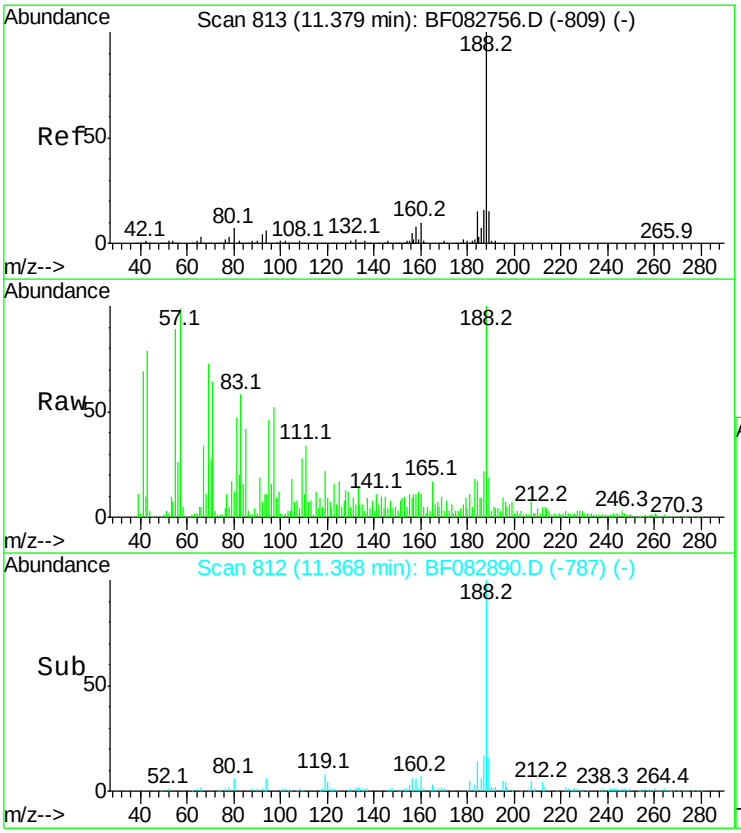
#49
Dimethylphthalate
Concen: 14.22 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:163 Resp: 383776

Ion	Ratio	Lower	Upper
163	100		
194	14.3	2.6	4.0#
164	10.4	8.7	13.1

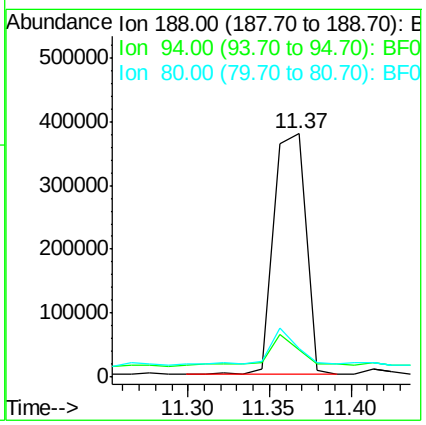


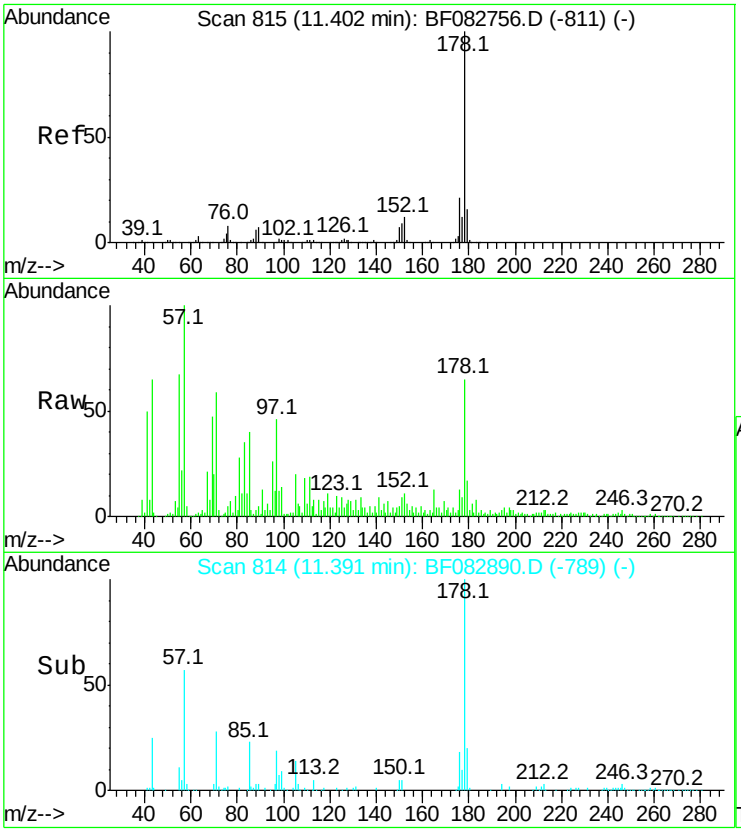


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:188 Resp: 518281

Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.1	9.1#
80	11.6	7.0	10.6#



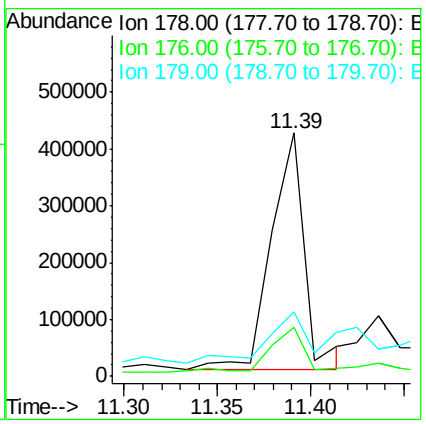


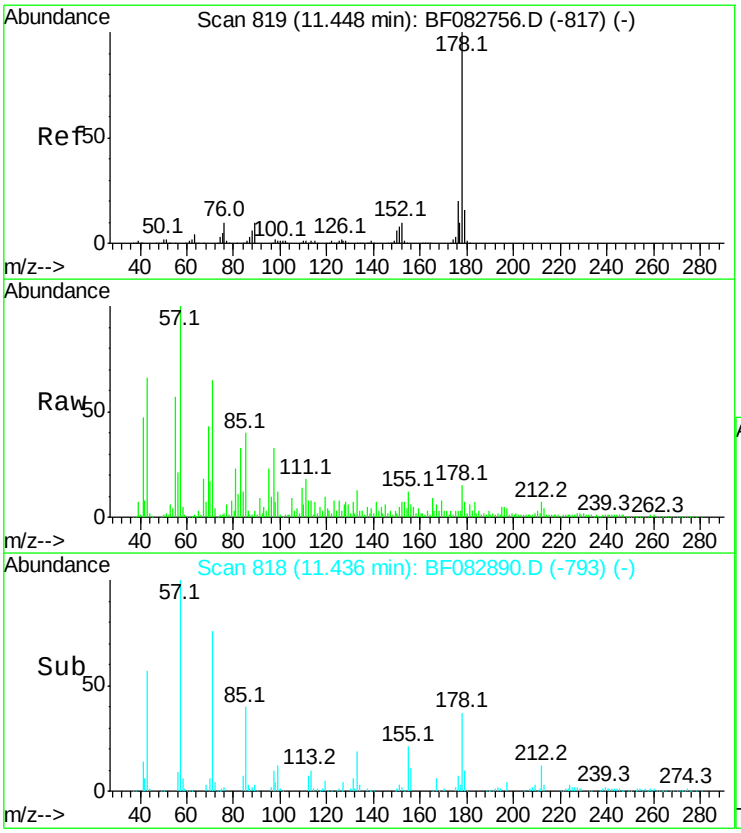
#70
Phenanthrene
Concen: 17.02 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:178 Resp: 512119

Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.0	25.4
179	26.3	13.4	20.0#

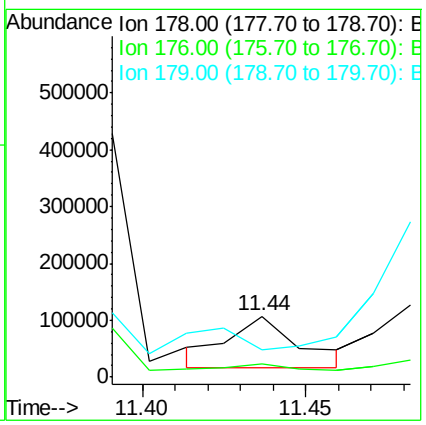


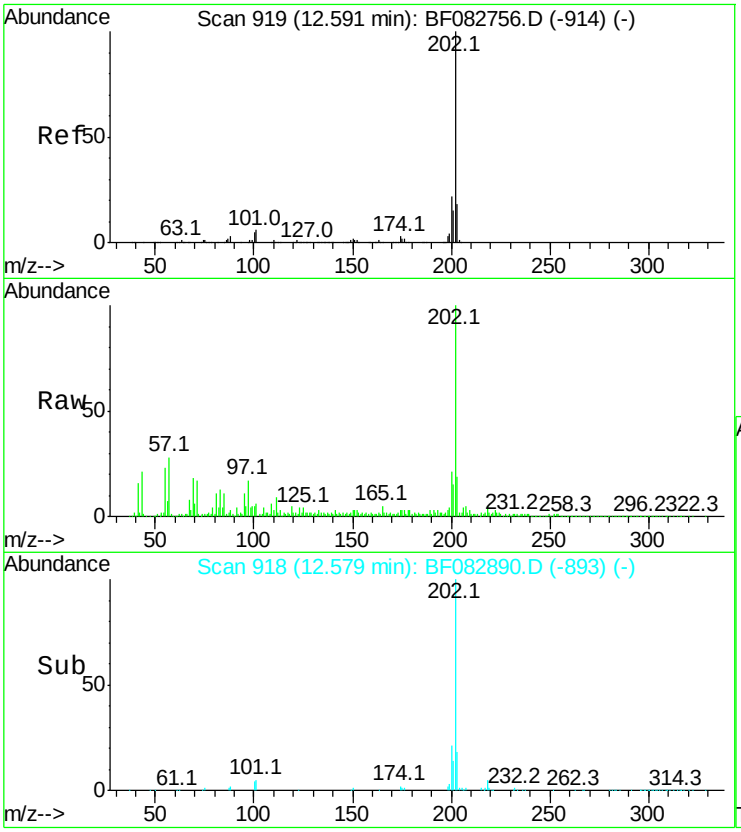


#71
Anthracene
Concen: 4.34 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:178 Resp: 137666

Ion	Ratio	Lower	Upper
178	100		
176	22.4	16.5	24.7
179	45.1	13.2	19.8#



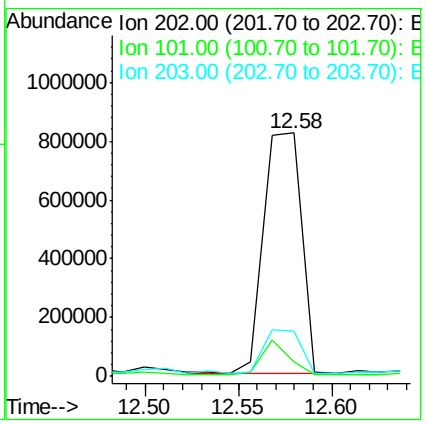


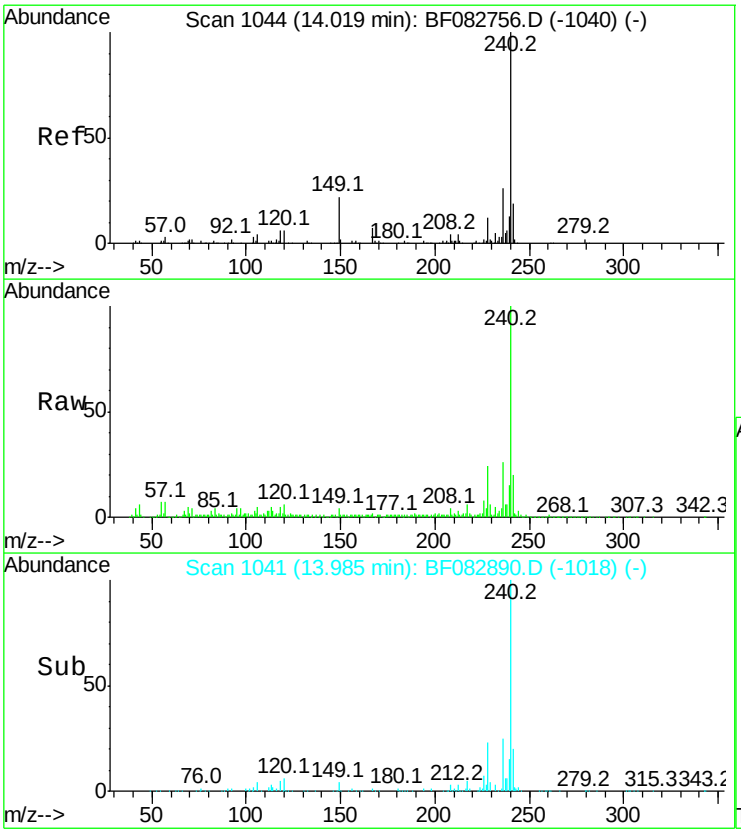
#74
Fluoranthene
Concen: 35.59 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:202 Resp: 1149509

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	30.5
203	18.6	0.0	38.5

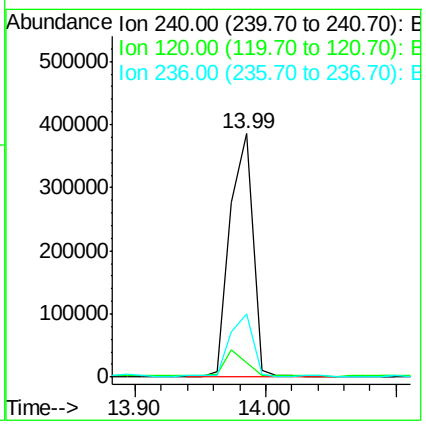


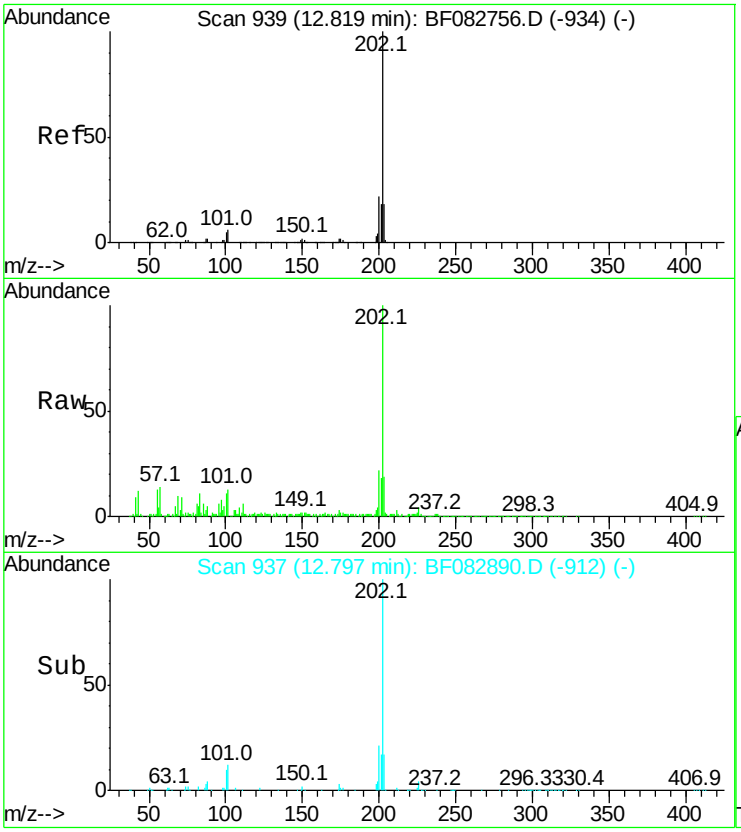


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:240 Resp: 468467

Ion	Ratio	Lower	Upper
240	100		
120	6.1	10.9	16.3#
236	26.1	21.6	32.4



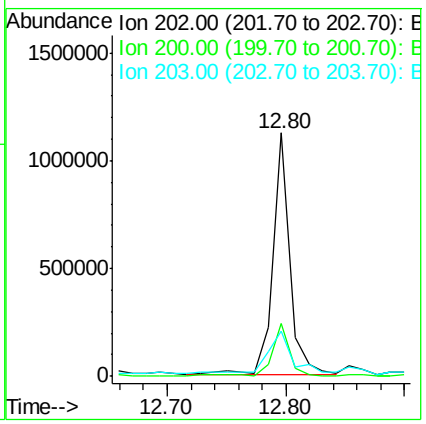


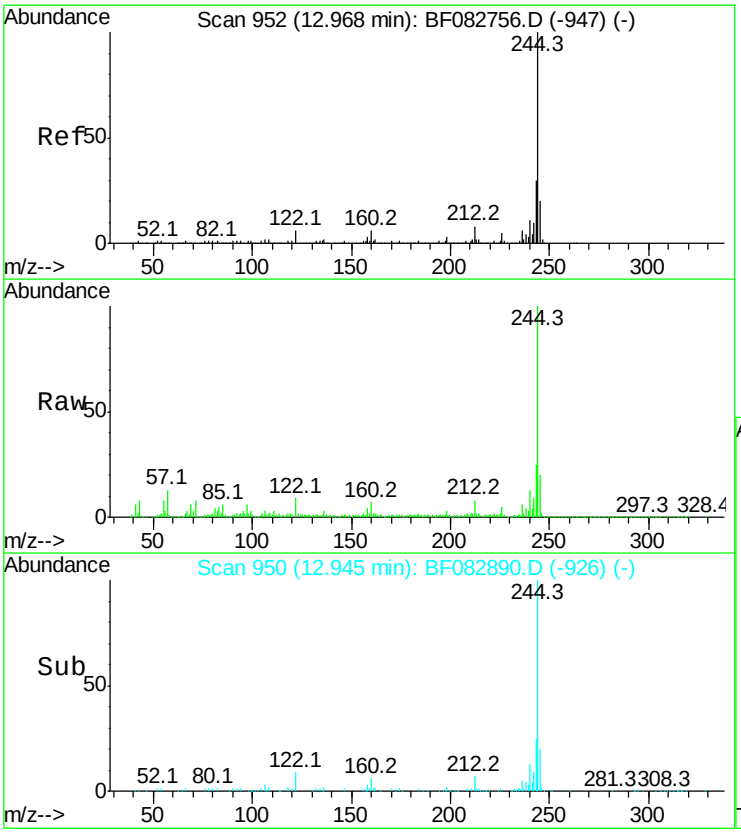
#77
Pyrene
Concen: 34.77 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:202 Resp: 1118485

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	18.8	14.8	22.2

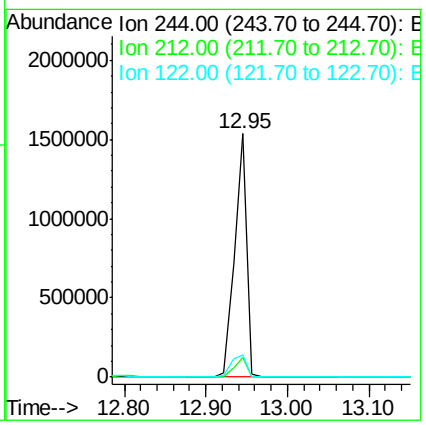


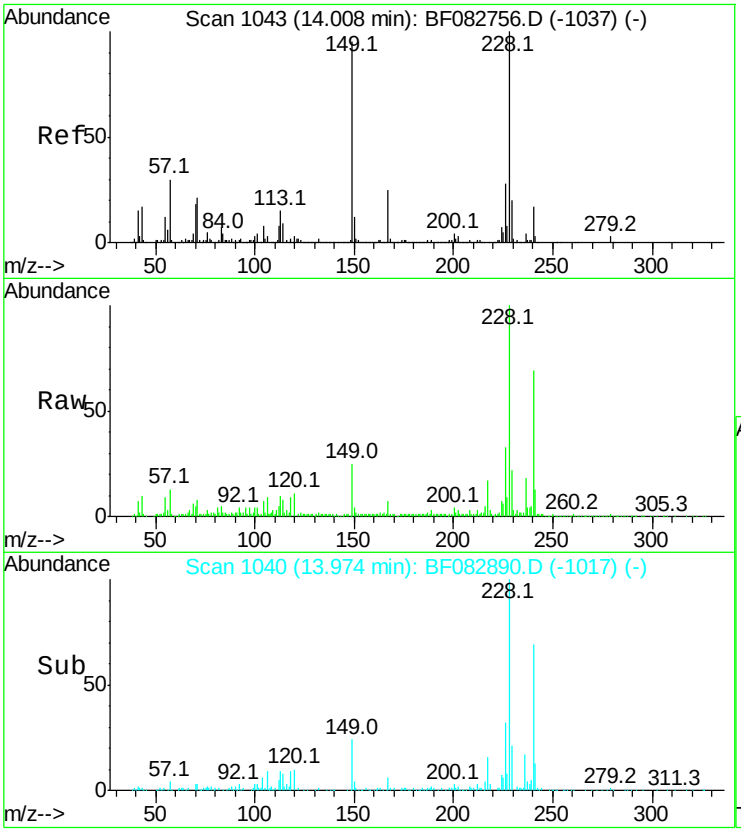


#78
Terphenyl-d14
Concen: 79.90 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:244 Resp: 1578182

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	8.9	11.3	16.9#



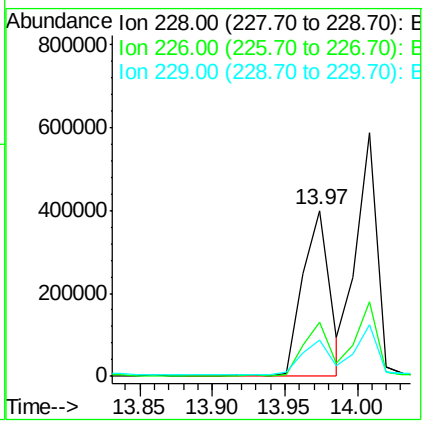


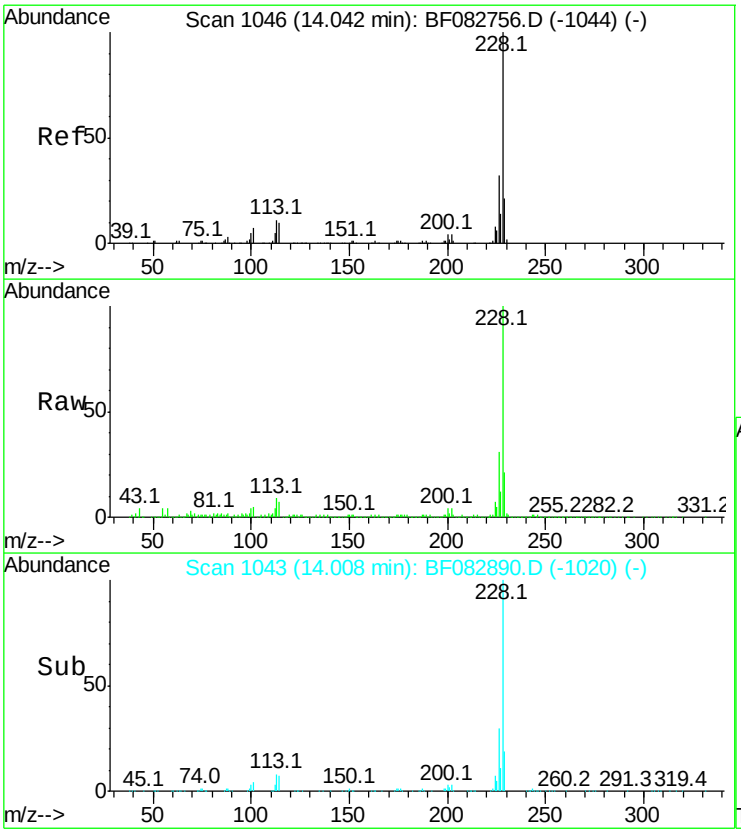
#80
Benzo(a)anthracene
Concen: 17.55 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:228 Resp: 514051

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.2
229	21.9	16.3	24.5

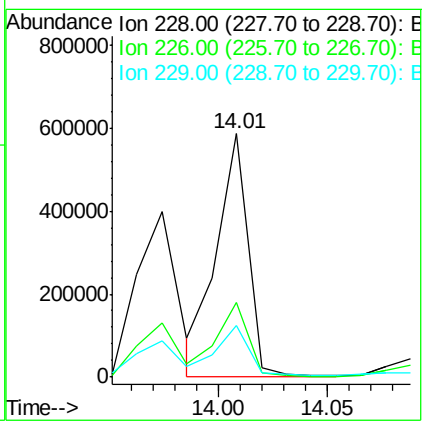


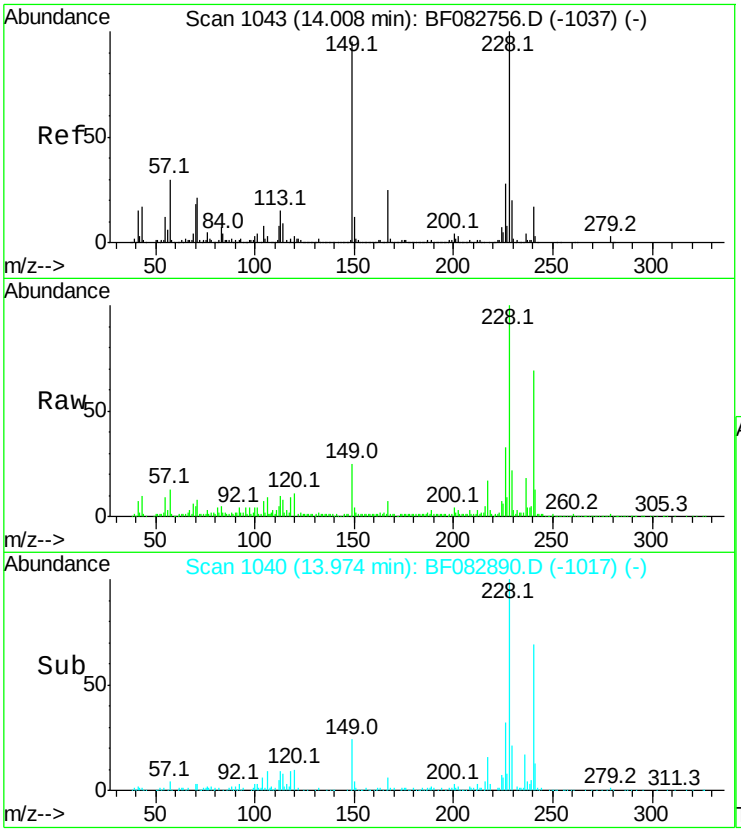


#82
Chrysene
Concen: 21.75 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:228 Resp: 583661

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	21.1	16.3	24.5



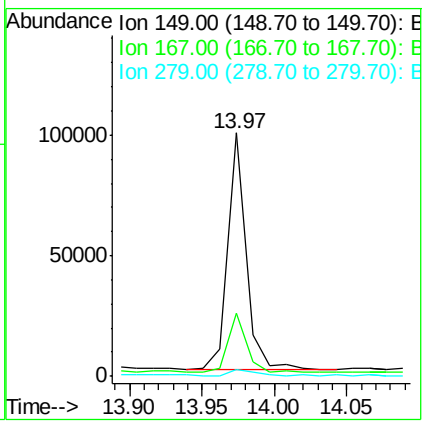


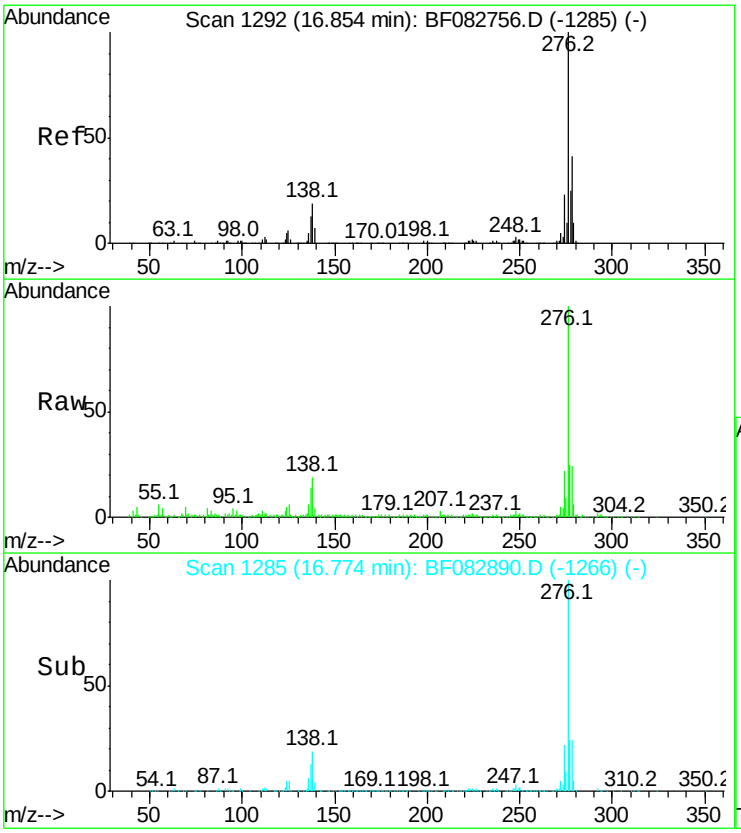
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.51 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:149 Resp: 87778

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.2	31.8
279	2.9	2.2	3.2

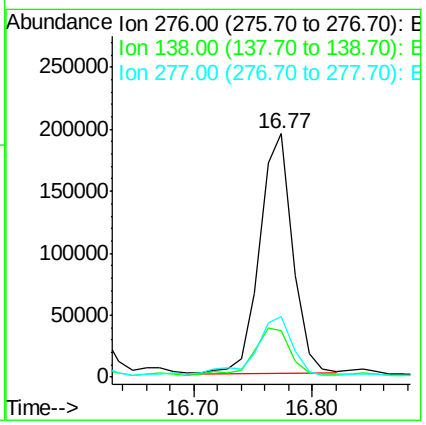


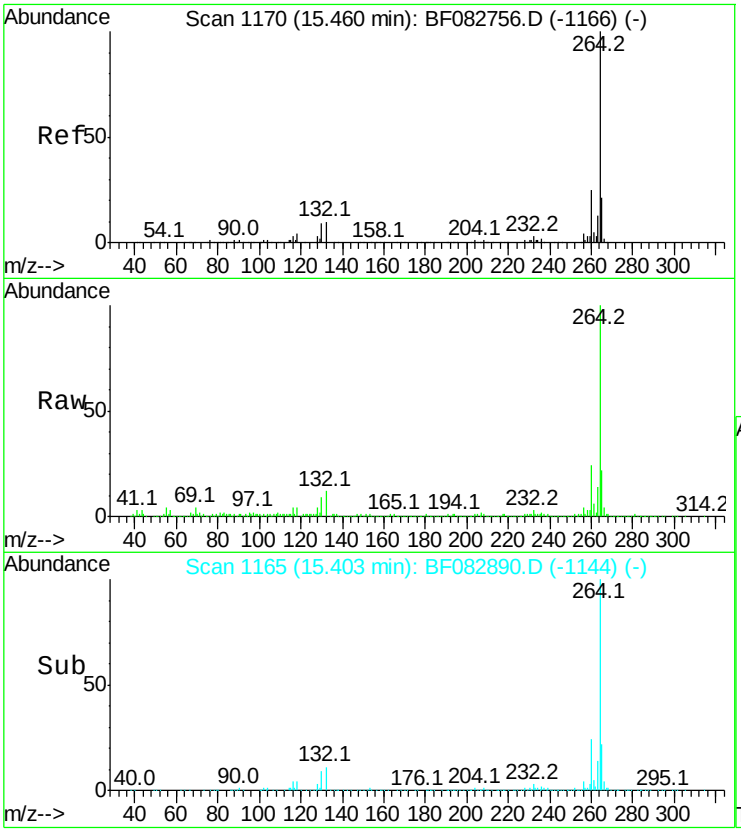


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.28 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.08 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:276 Resp: 376095

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.3	22.9
277	28.9	20.2	30.4



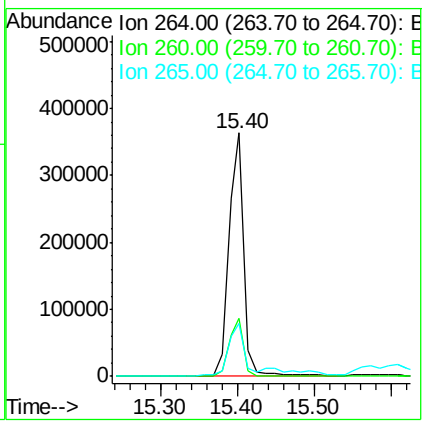


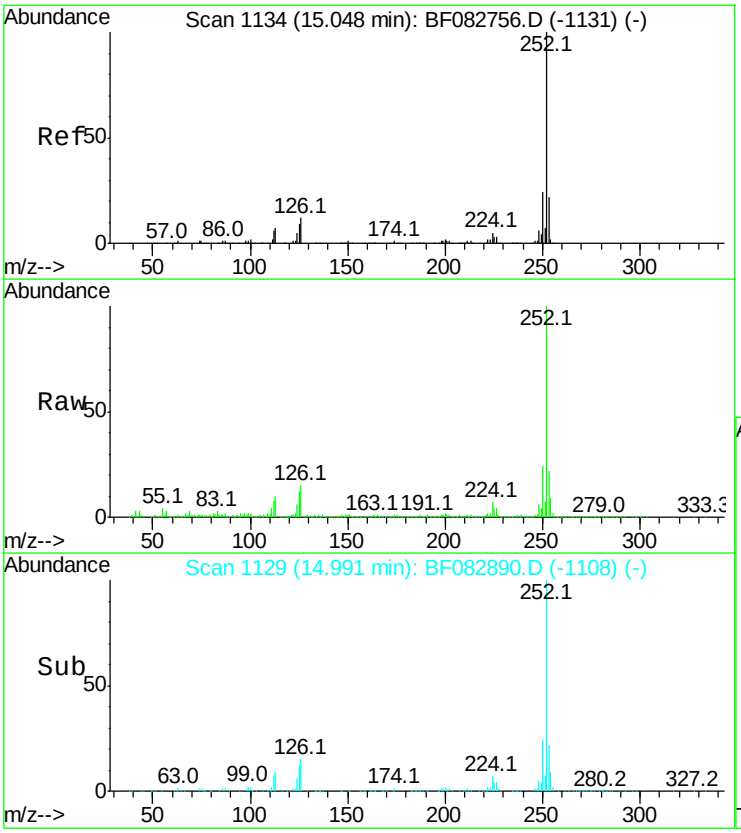
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:264 Resp: 495371

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.7	17.4	26.0

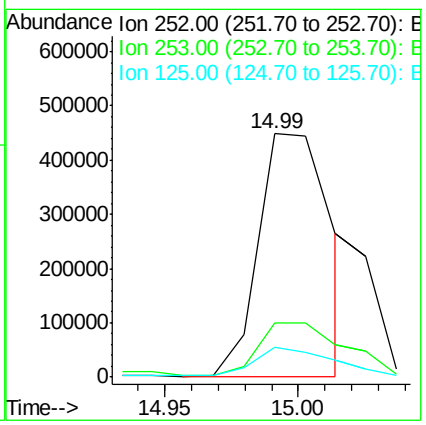


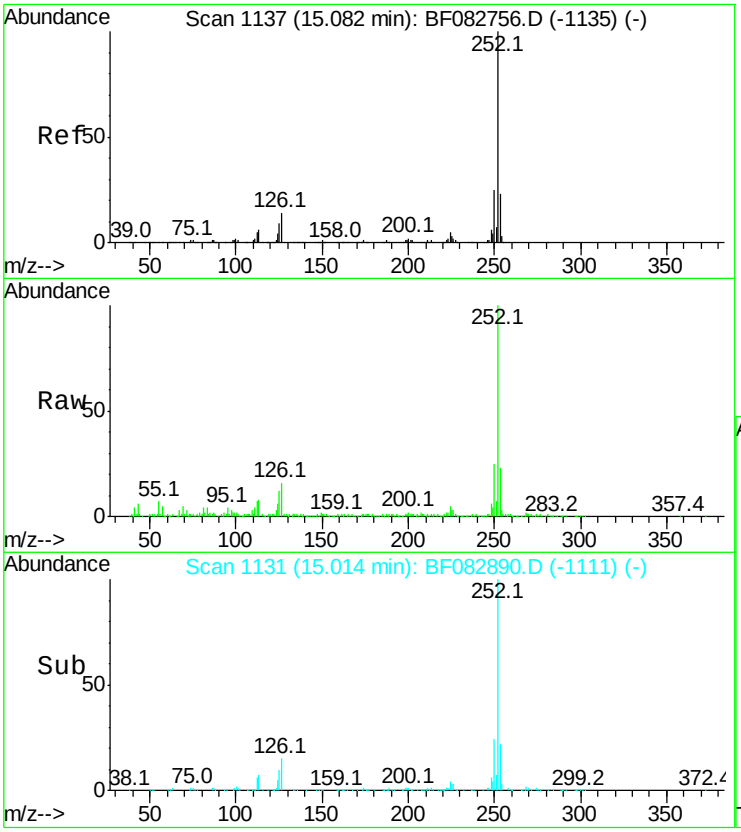


#87
Benzo(b)fluoranthene
Concen: 26.76 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:252 Resp: 850933

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.4	5.4	8.2#



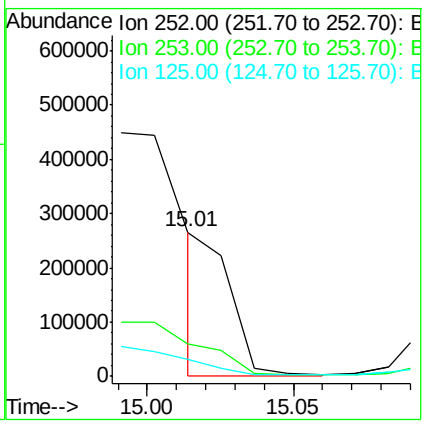


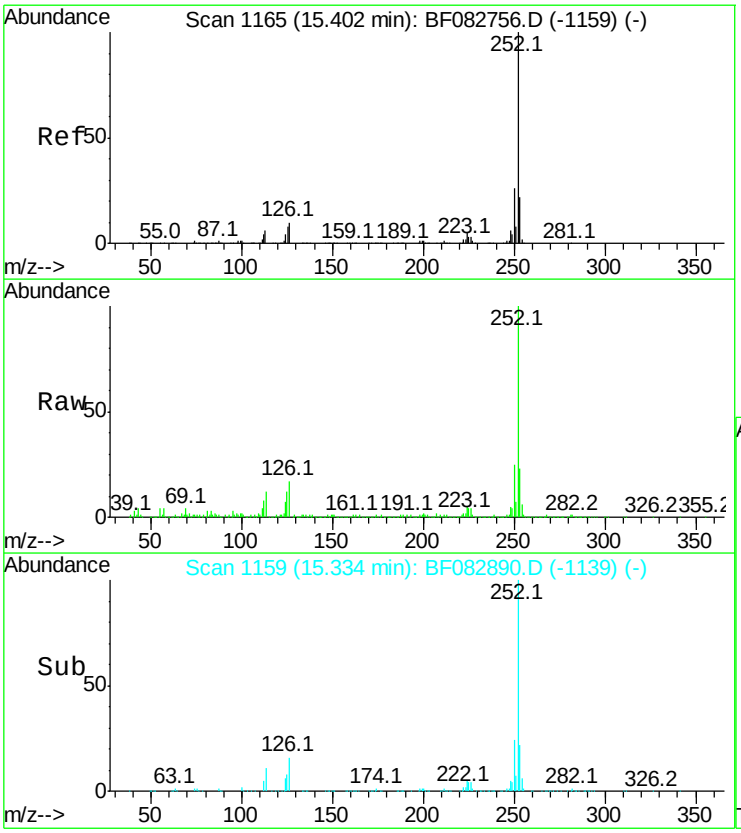
#88
Benzo(k)fluoranthene
Concen: 6.04 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.07 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:252 Resp: 170328

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.0	3.5	5.3#

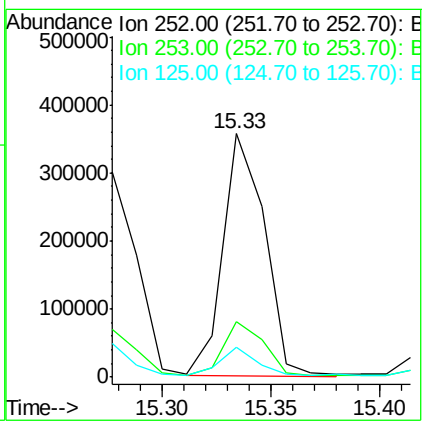


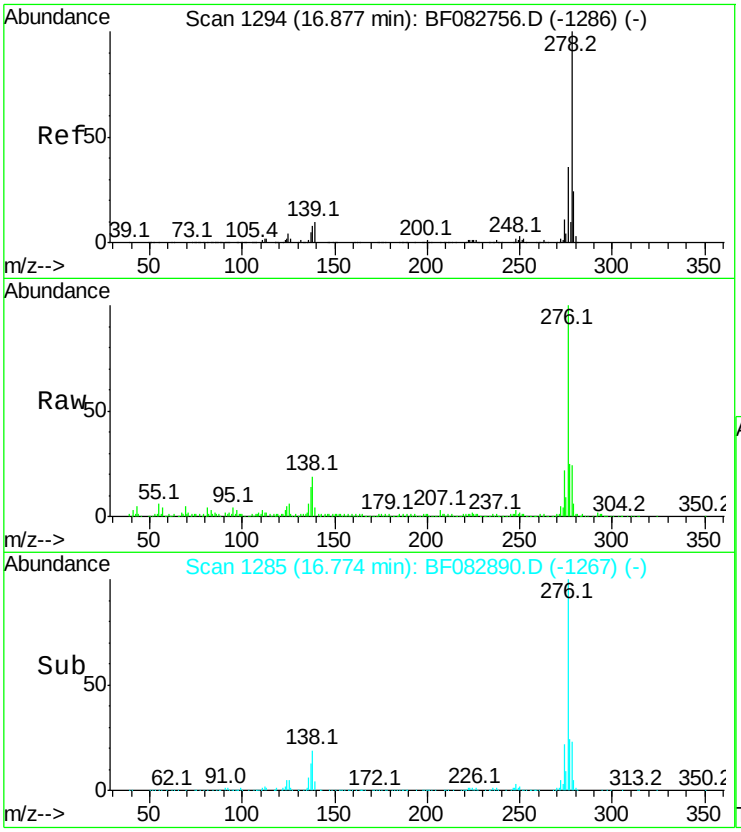


#89
Benzo(a)pyrene
Concen: 17.15 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.07 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:252 Resp: 472434

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.0	7.1	10.7#



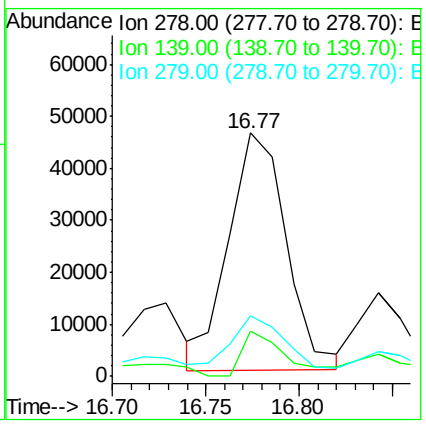


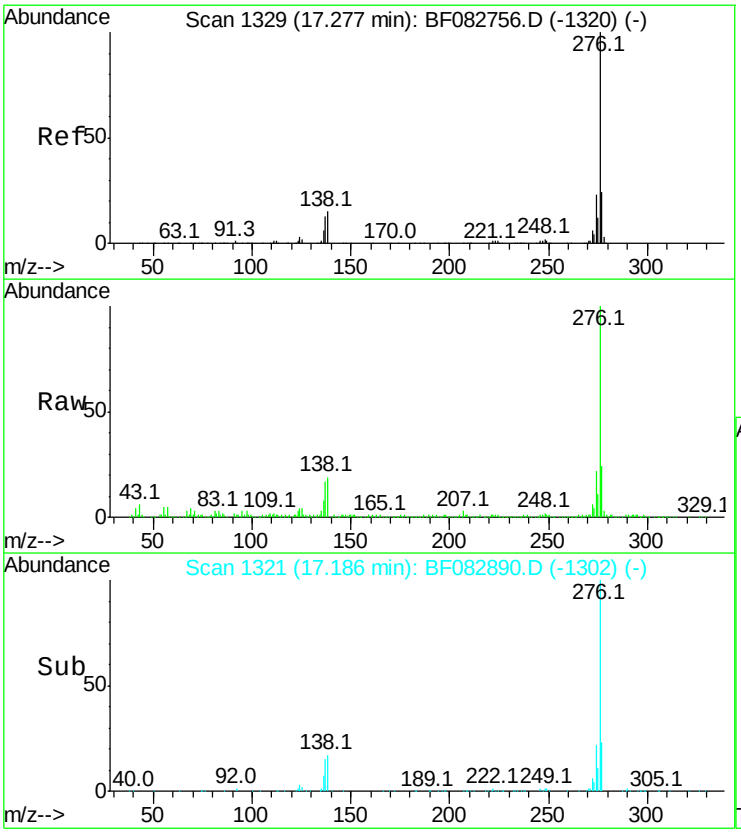
#90
Dibenzo(a,h)anthracene
Concen: 4.19 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Instrument :
BNA_F
ClientSampleId :
1050-BOTTOM

Tgt Ion:278 Resp: 97764

Ion	Ratio	Lower	Upper
278	100		
139	18.8	9.9	14.9#
279	24.8	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 16.30 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.08 min
Lab File: BF082890.D
Acq: 11 Nov 2015 1:07

Tgt Ion:276 Resp: 364115

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.1	13.1	19.7