Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042116\
Data File : BF086349.D
Acq On : 21 Apr 2016 17:50
Operator : UM/SJ
Sample : H2601-07DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)DDL

Quant Time: Apr 22 00:50:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	273574	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1116310	20.00	ng		-0.03
38) Acenaphthene-d10	9.89	164	485665	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	746878	20.00	ng		-0.03
75) Chrysene-d12	14.01	240	416795	20.00	ng		-0.05
86) Perylene-d12	15.44	264	401847	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	403811	25.75	ng		-0.05
7) Phenol-d6	6.48	99	673052	32.80	ng		-0.05
23) Nitrobenzene-d5	7.41	82	374683	19.22	ng		-0.05
41) 2,4,6-Tribromophenol	10.68	330	211571	55.89	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	961956	30.89	ng		-0.05
78) Terphenyl-d14	12.96	244	745604	42.58	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	46809	3.77	ng	#	79
49) Dimethylphthalate	9.61	163	132787	3.59	ng		99
50) 2,6-Dinitrotoluene	9.89	165	62387	8.20	ng	#	32
51) Acenaphthene	9.93	154	87819	3.32	ng		99
54) Dibenzofuran	10.10	168	104494	2.90	ng		99
57) Fluorene	10.44	166	137173	5.14	ng		98
64) 4,6-Dinitro-2-methylphenol	10.67	198	527	6.25	ng	#	1
70) Phenanthrene	11.40	178	1552159	43.85	ng		99
71) Anthracene	11.45	178	321537	8.48	ng		98
72) Carbazole	11.61	167	209548	5.84	ng		97
74) Fluoranthene	12.59	202	1848010	56.32	ng		98
77) Pyrene	12.82	202	1568682	50.74	ng		99
80) Benzo(a)anthracene	14.00	228	685000	31.20	ng		96
82) Chrysene	14.04	228	666734	28.09	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	364511	14.94	ng		93
87) Benzo(b)fluoranthene	15.04	252	1161400	49.97	ng		97
88) Benzo(k)fluoranthene	15.04	252	1161400	59.36	ng	#	94
89) Benzo(a)pyrene	15.38	252	601098	28.06	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	75599	4.04	ng	#	87
91) Benzo(g,h,i)perylene	17.25	276	320644	17.88	ng		95

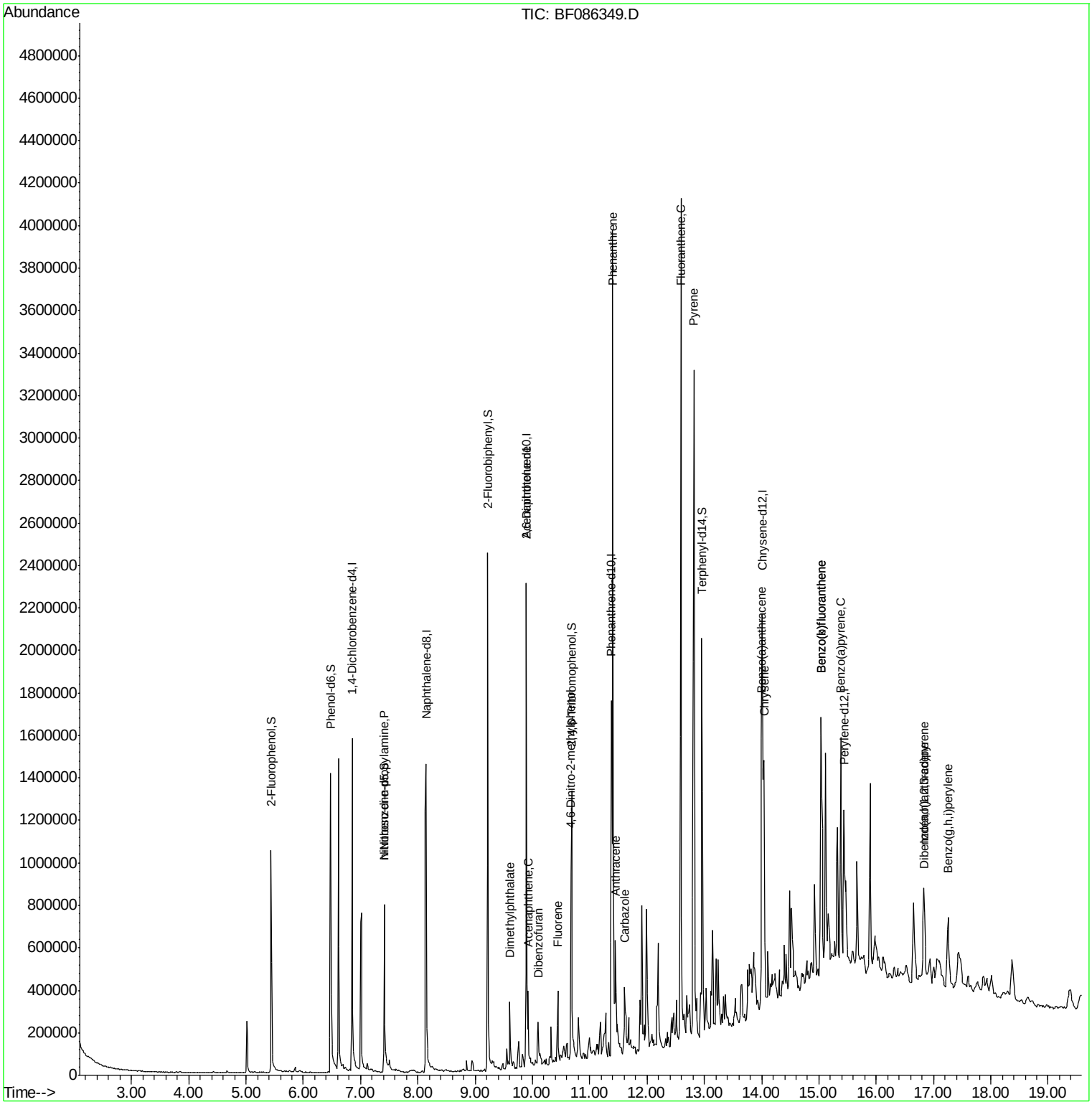
(#) = qualifier out of range (m) = manual integration (+) = signals summed

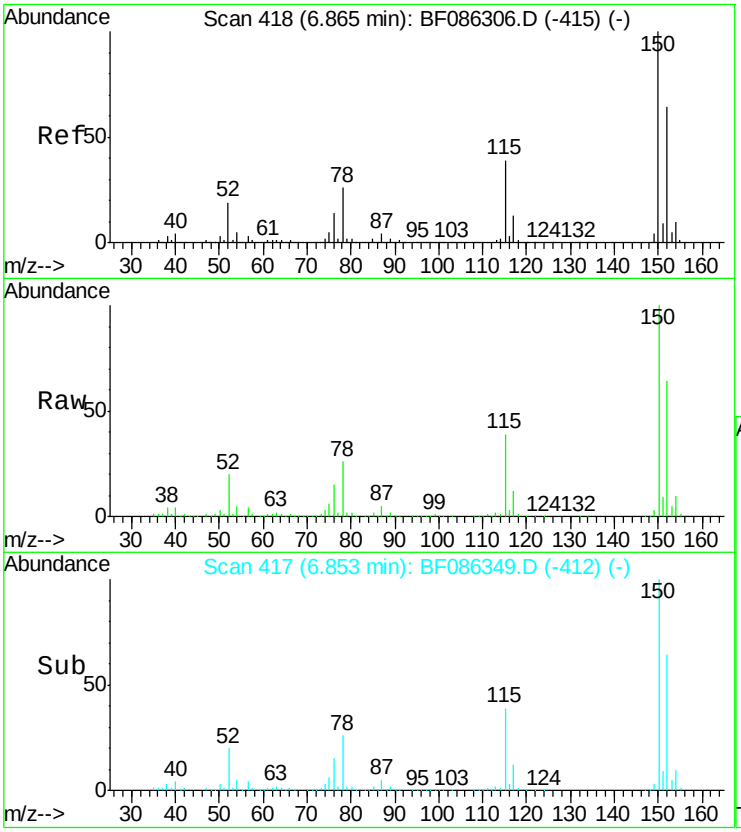
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042116\
Data File : BF086349.D
Acq On : 21 Apr 2016 17:50
Operator : UM/SJ
Sample : H2601-07DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Quant Time: Apr 22 00:50:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration



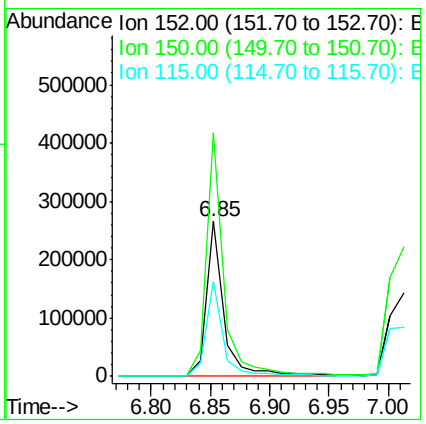


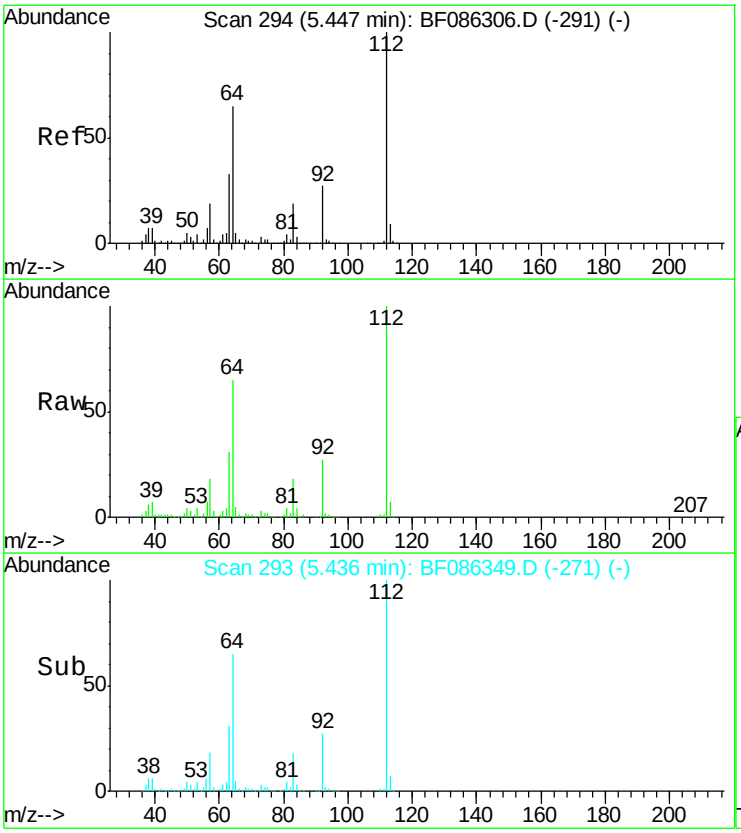
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:152 Resp: 273574

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	61.4	43.9	65.9

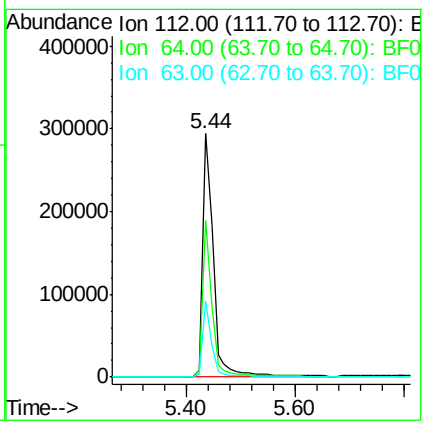


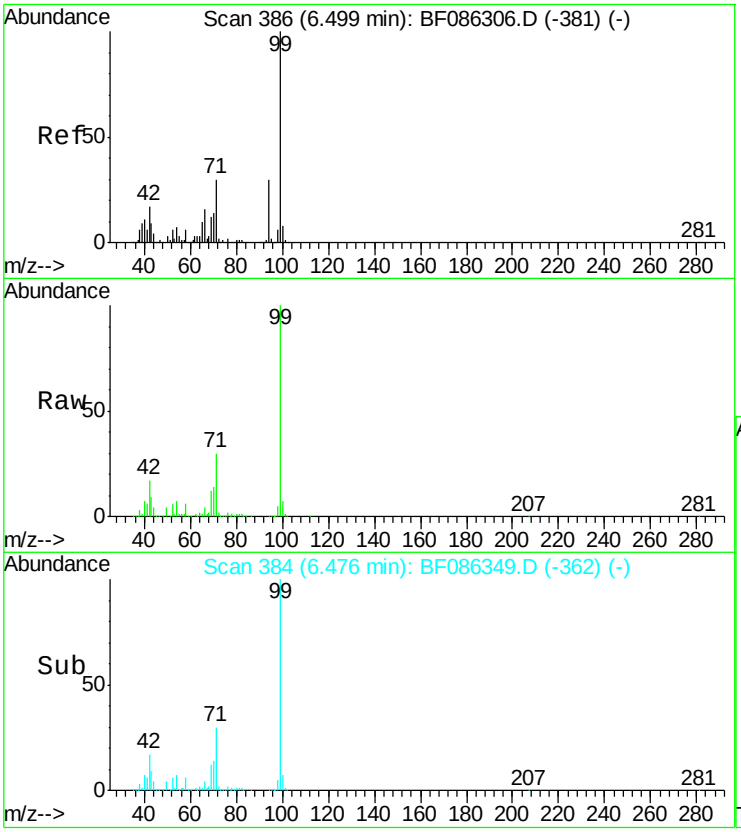


#5
2-Fluorophenol
Concen: 25.75 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:112 Resp: 403811

Ion	Ratio	Lower	Upper
112	100		
64	64.5	48.1	72.1
63	30.9	25.5	38.3



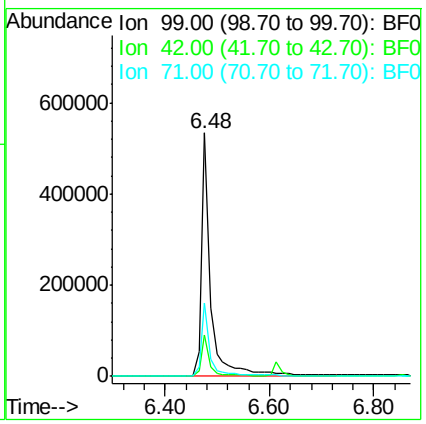


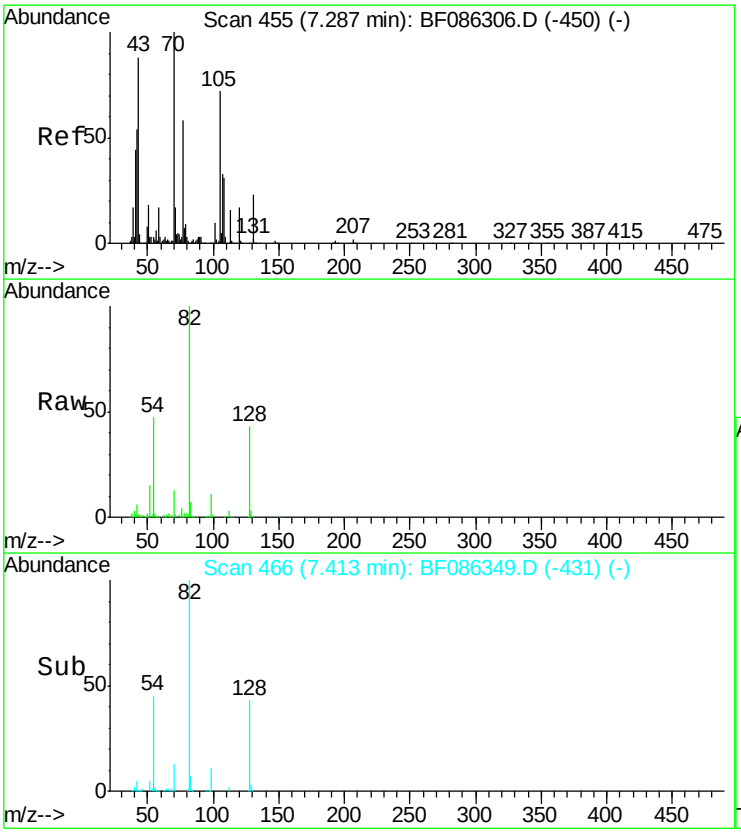
#7
Phenol-d6
Concen: 32.80 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion: 99 Resp: 673052

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.4	23.2
71	30.2	25.6	38.4

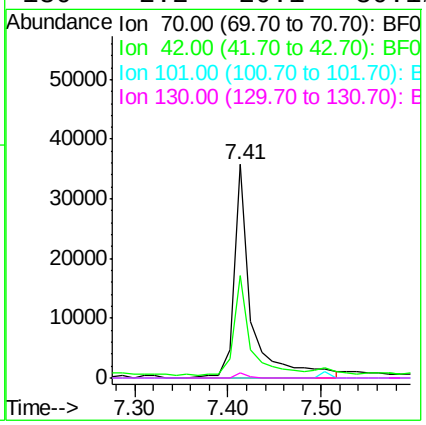


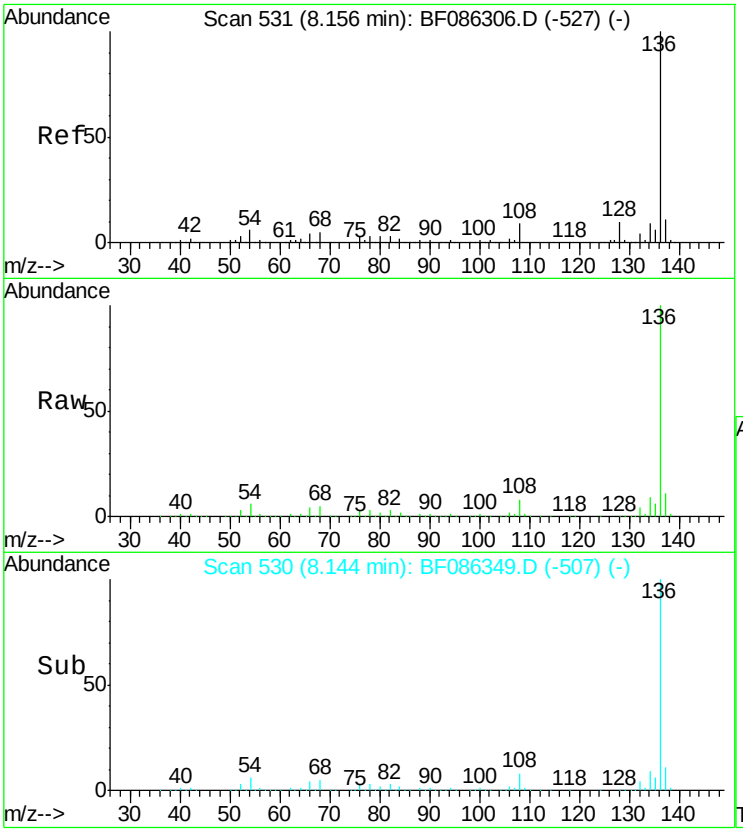


#19
n-Nitroso-di-n-propylamine
Concen: 3.77 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.10 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion: 70 Resp: 46809

Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



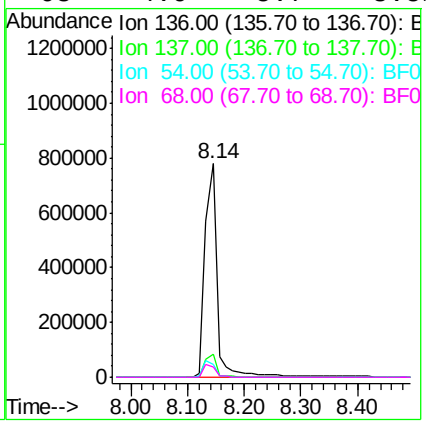


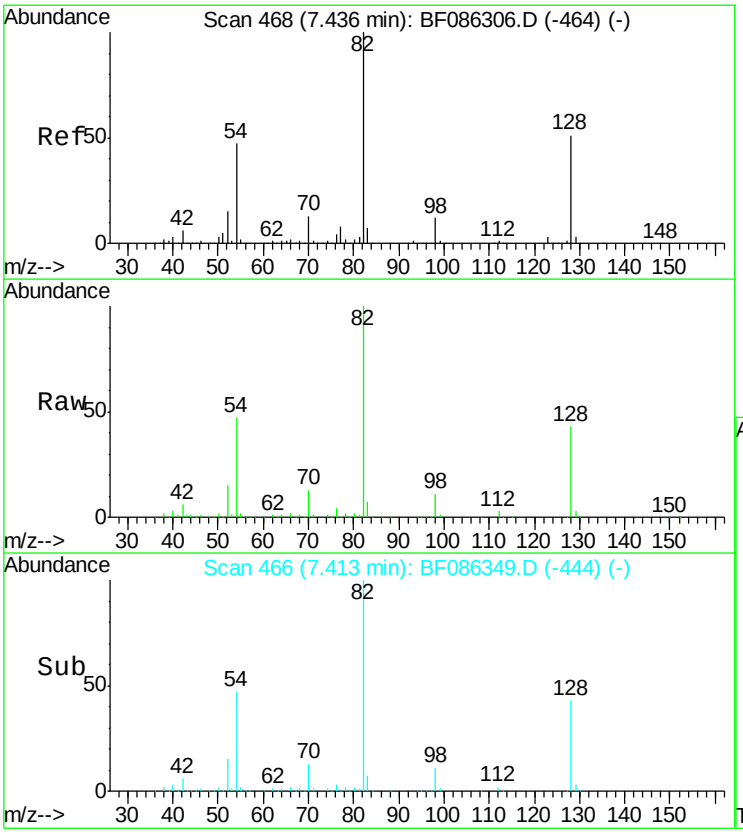
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:136 Resp: 1116310

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.8	7.3	10.9#
68	4.9	5.7	8.5#

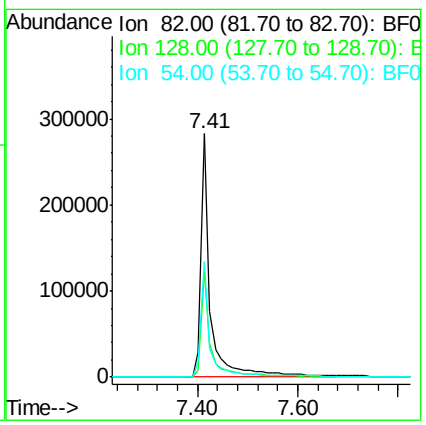


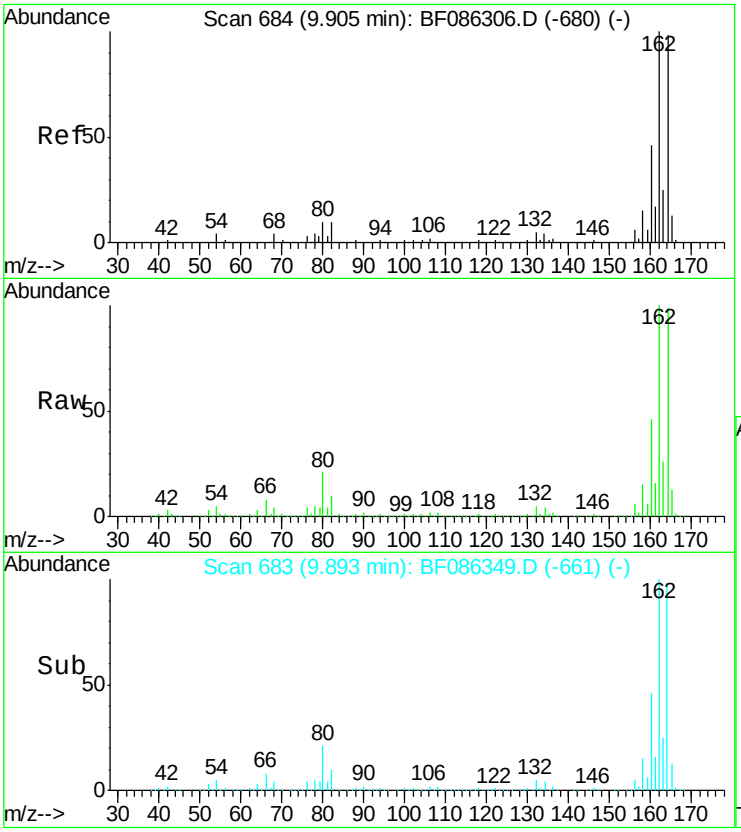


#23
Nitrobenzene-d5
Concen: 19.22 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion: 82 Resp: 374683

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.4	53.2
54	47.4	43.4	65.0



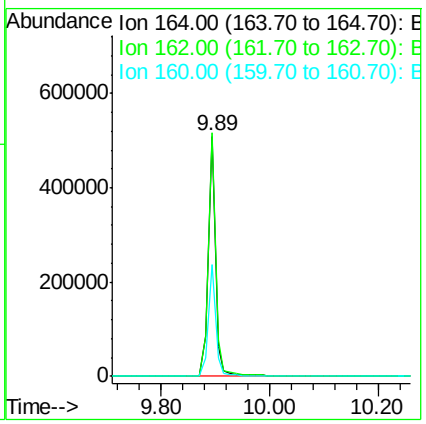


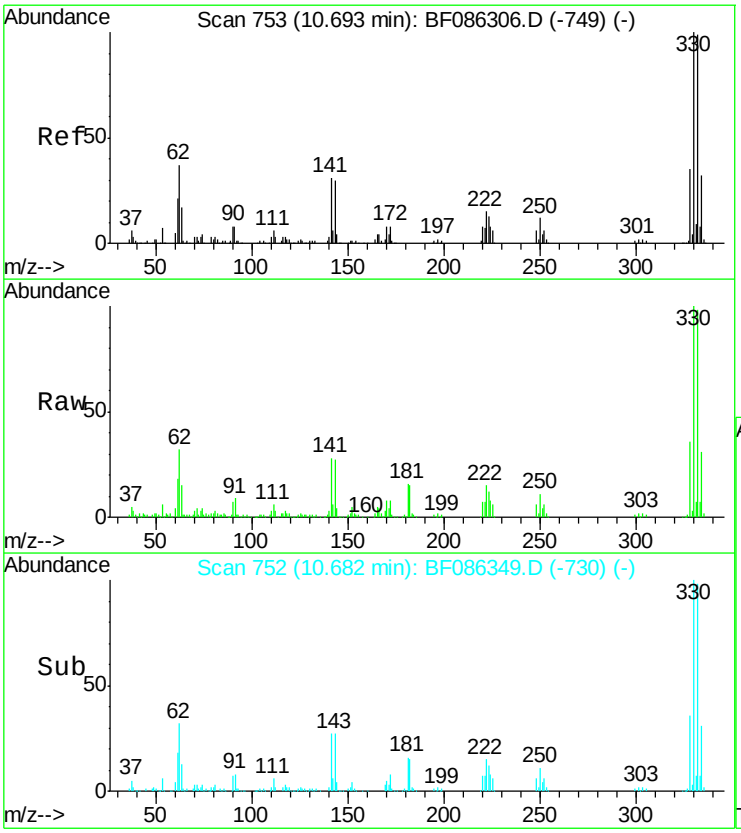
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:164 Resp: 485665

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	46.4	38.9	58.3

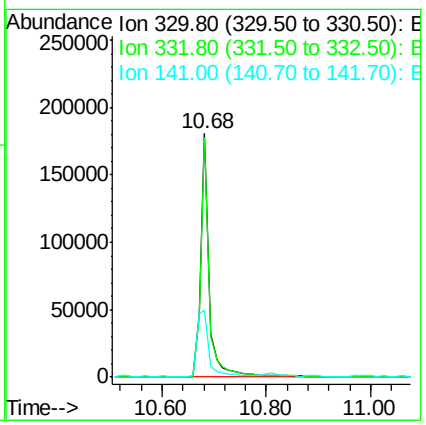


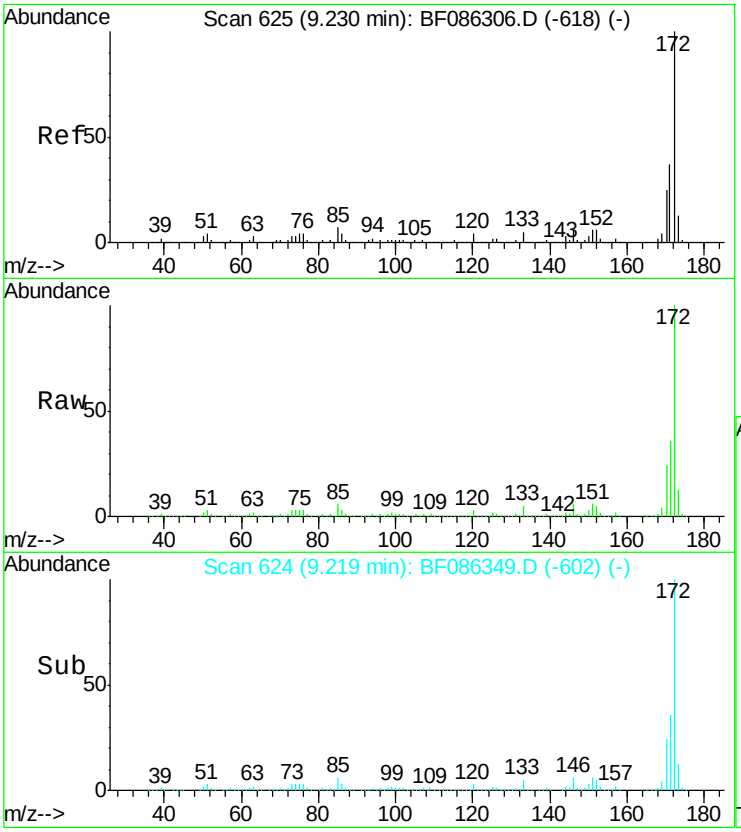


#41
2,4,6-Tribromophenol
Concen: 55.89 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:330 Resp: 211571

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.7	118.1
141	38.3	28.6	42.8



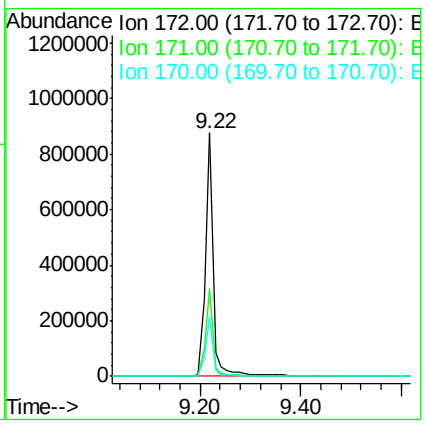


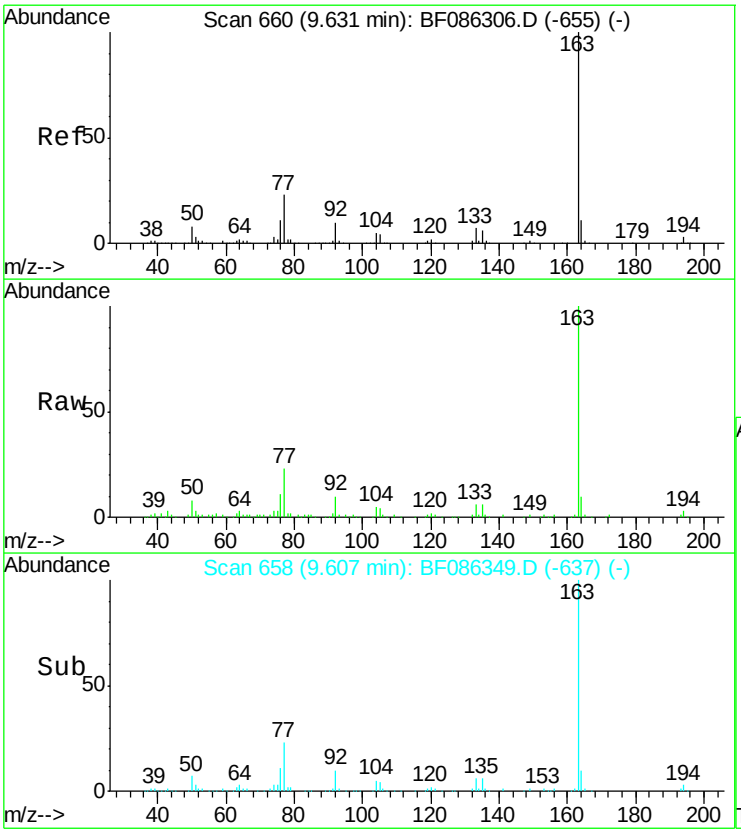
#44
2-Fluorobiphenyl
Concen: 30.89 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:172 Resp: 961956

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	24.2	19.9	29.9

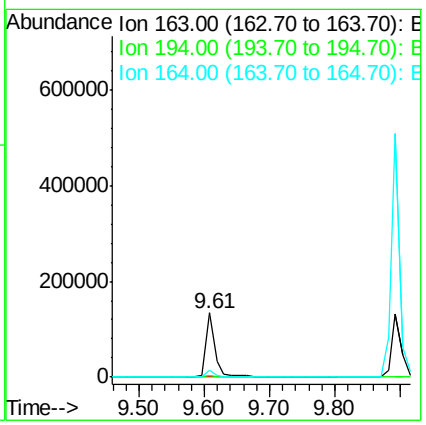


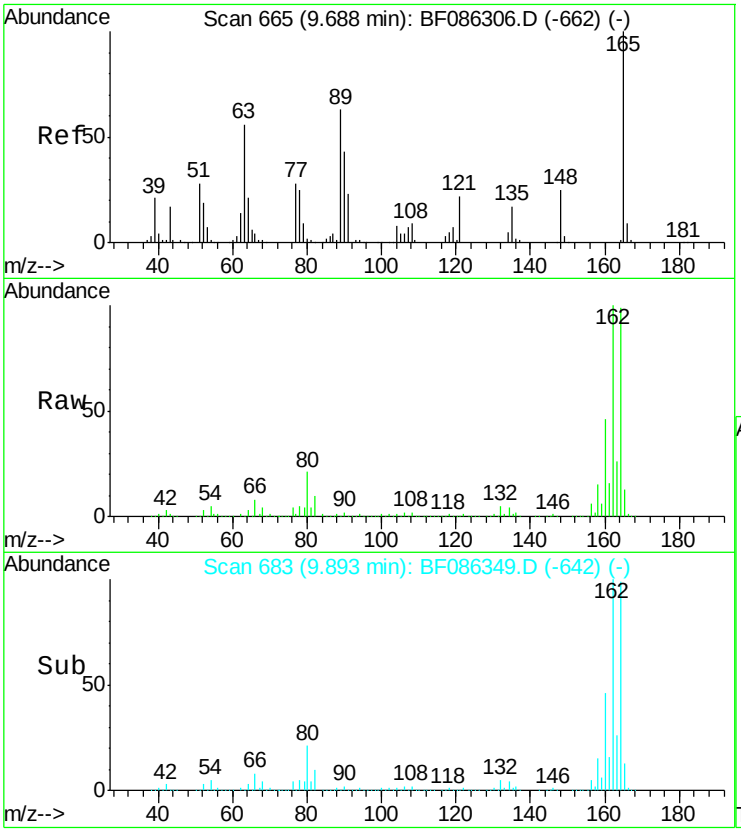


#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:163 Resp: 132787

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.3	8.4	12.6



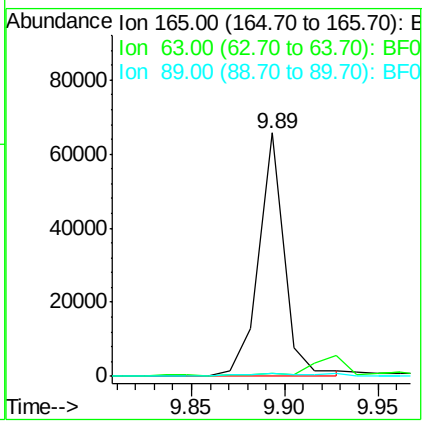


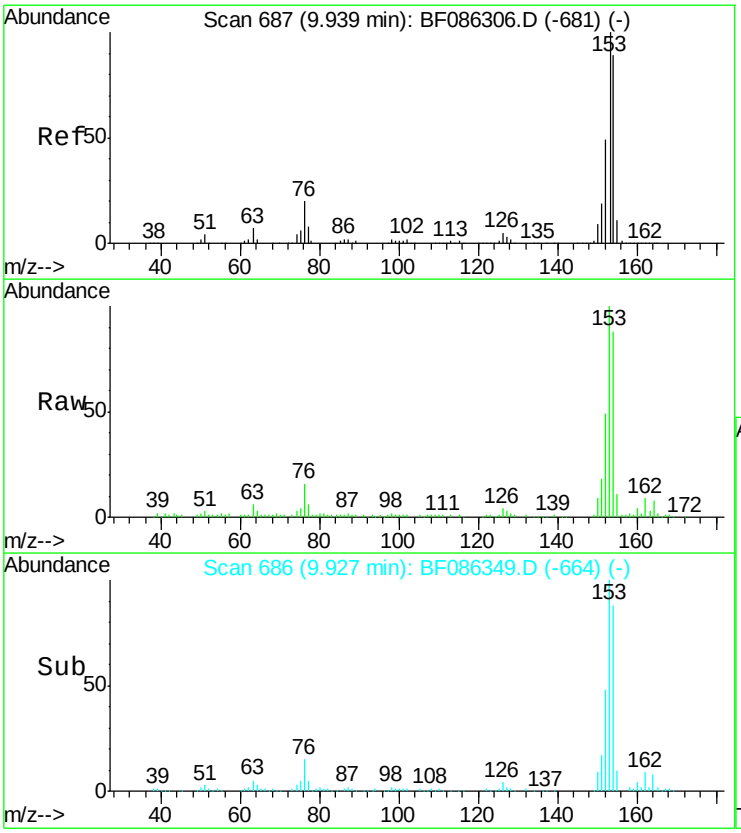
#50
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.17 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:165 Resp: 62387

Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.1	52.7#
89	1.4	39.8	59.6#

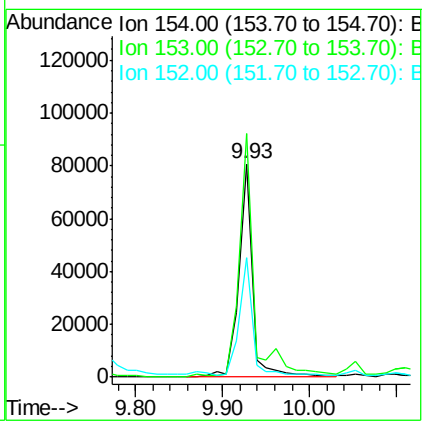


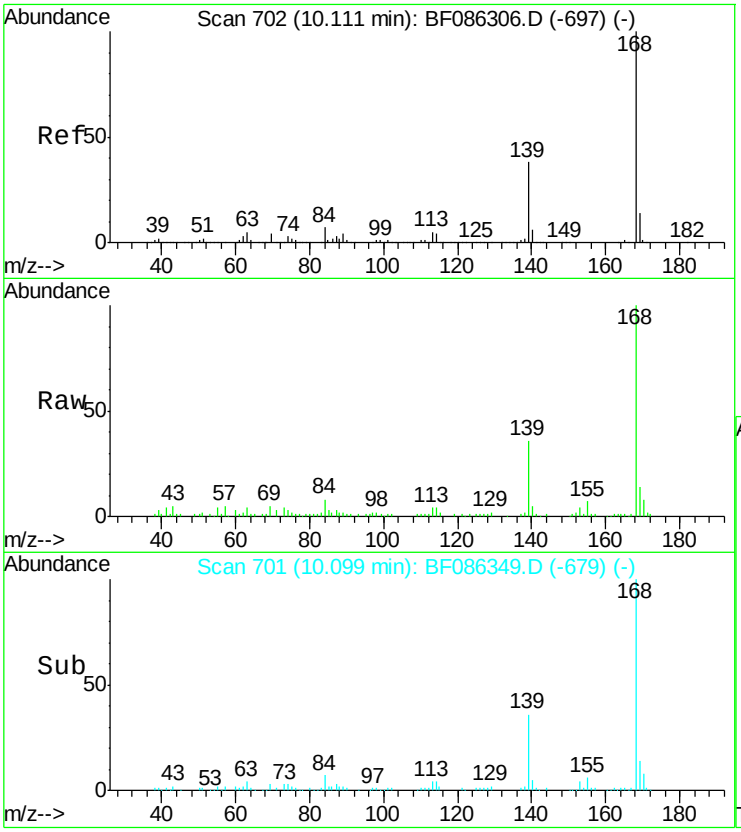


#51
Acenaphthene
Concen: 3.32 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:154 Resp: 87819

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.0	135.0
152	55.7	44.3	66.5



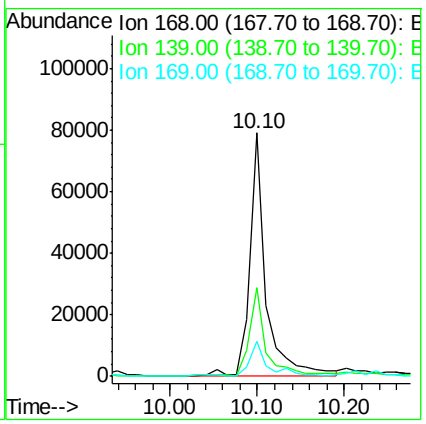


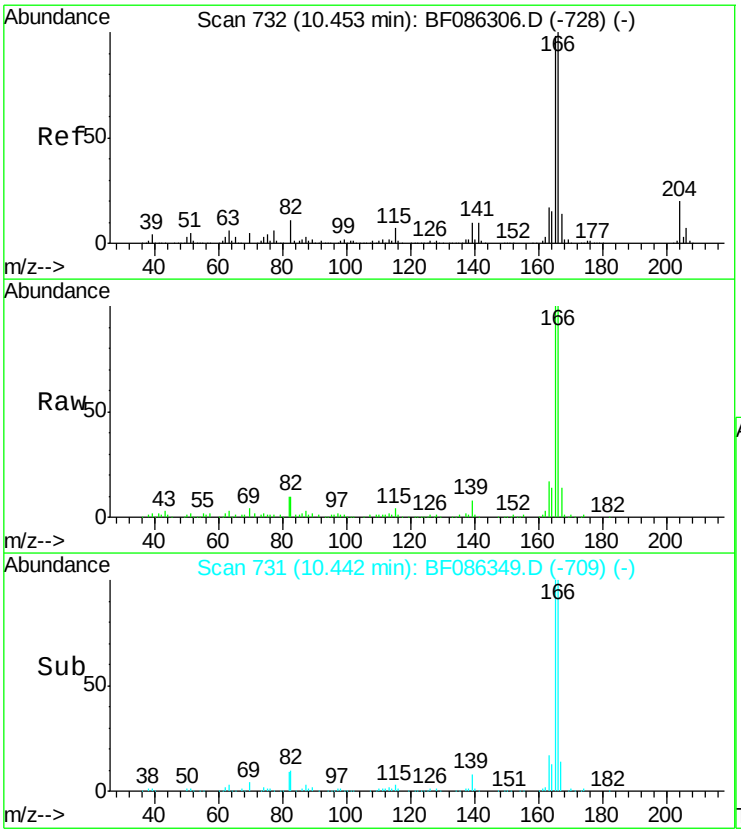
#54
Dibenzofuran
Concen: 2.90 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:168 Resp: 104494

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.5	44.3
169	14.4	10.6	16.0

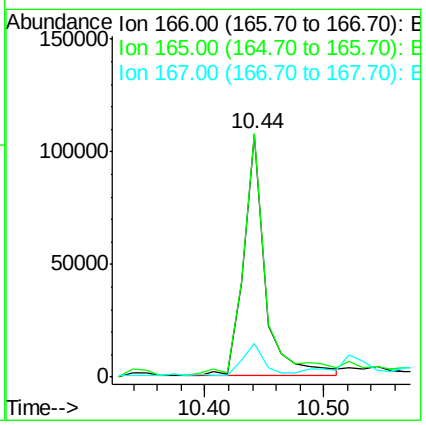


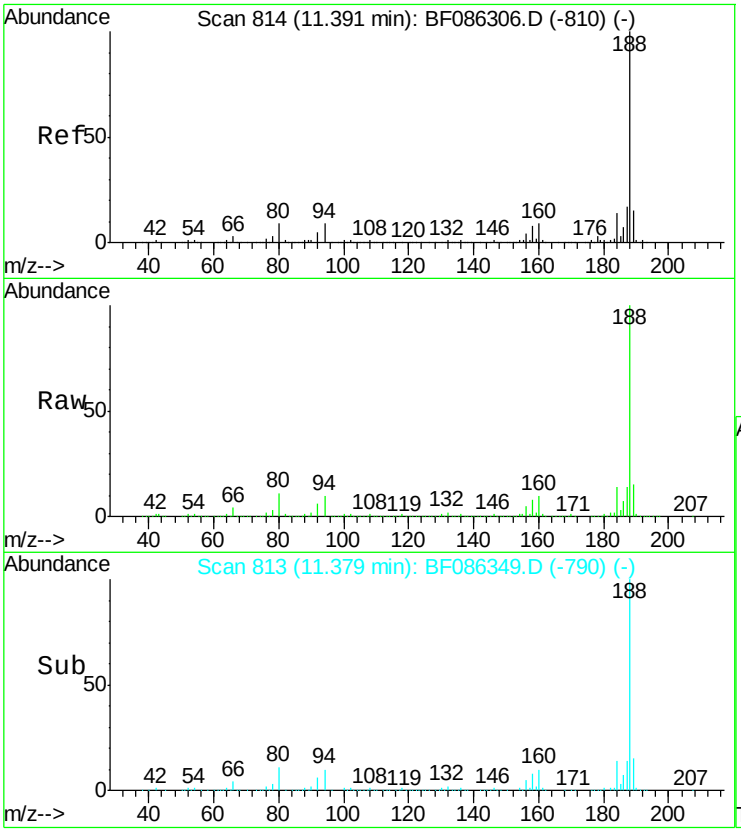


#57
Fluorene
Concen: 5.14 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:166 Resp: 137173

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.6	117.8
167	14.2	10.4	15.6



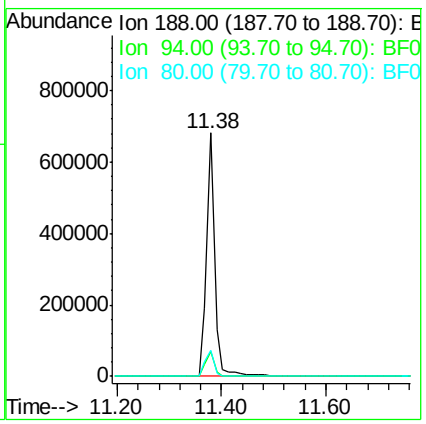


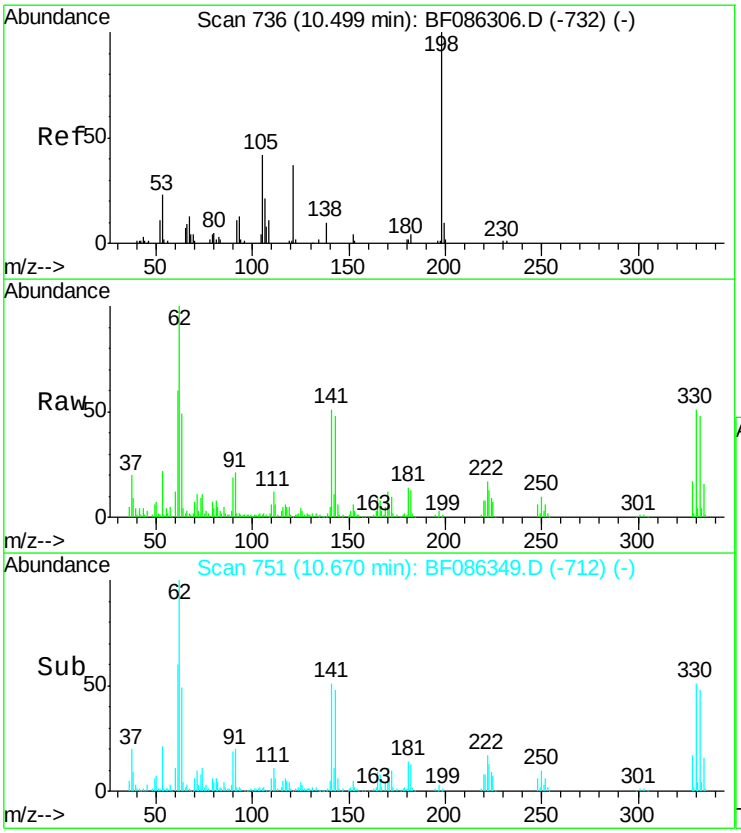
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:188 Resp: 746878

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.8	14.8
80	10.6	10.5	15.7

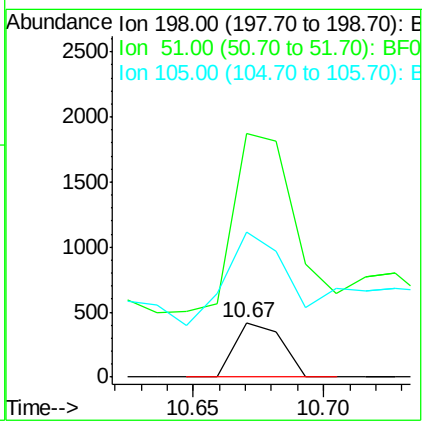


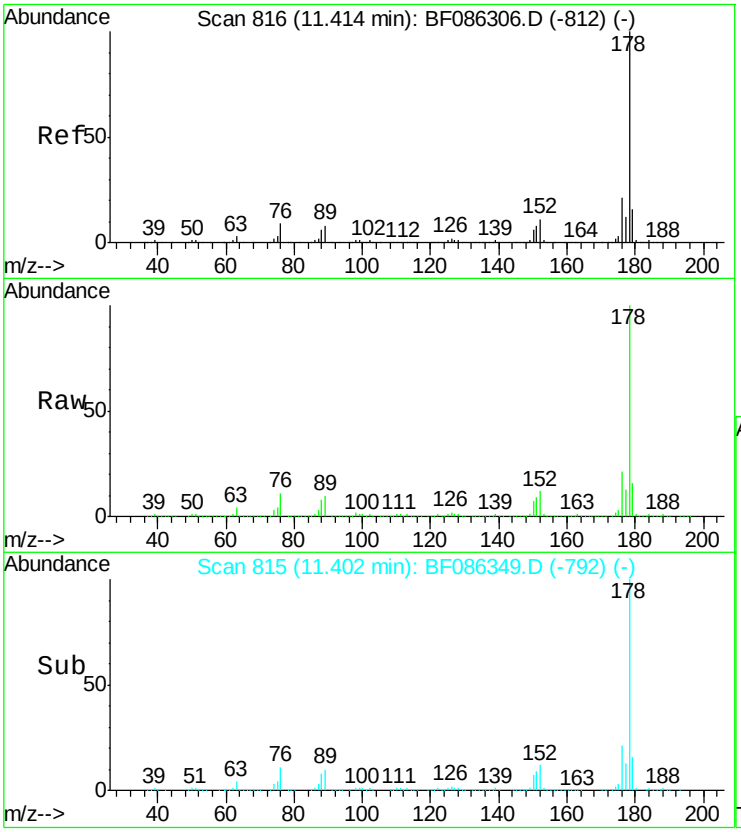


#64
4,6-Dinitro-2-methylphenol
Concen: 6.25 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.15 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:198 Resp: 527

Ion	Ratio	Lower	Upper
198	100		
51	446.8	56.5	96.5#
105	265.6	48.0	88.0#



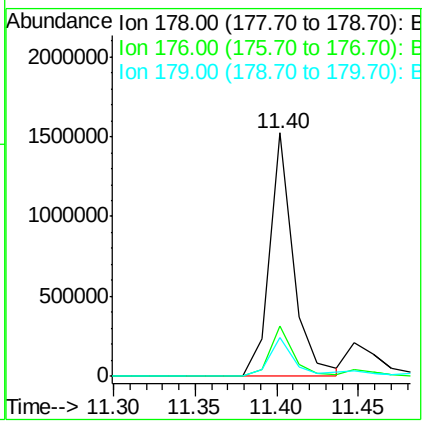


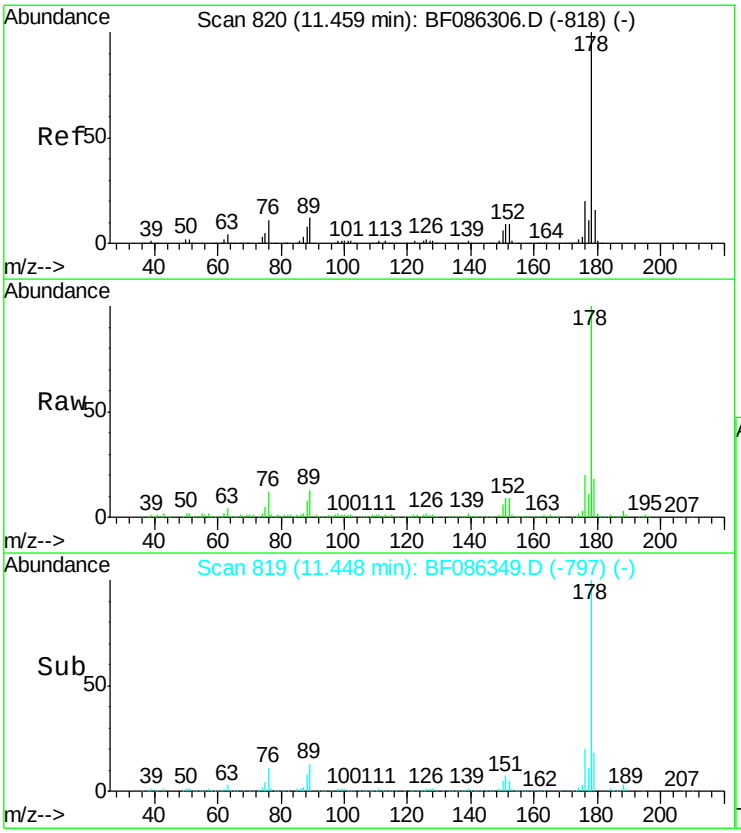
#70
Phenanthrene
Concen: 43.85 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:178 Resp: 1552159

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.3	24.5
179	15.9	13.0	19.6

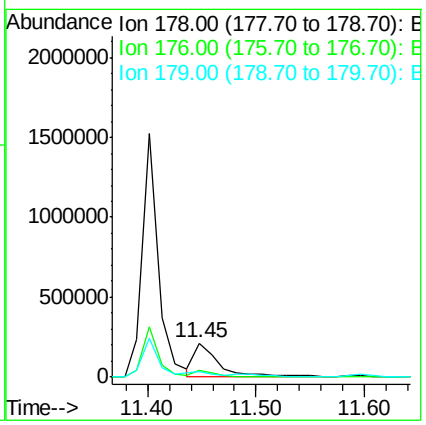


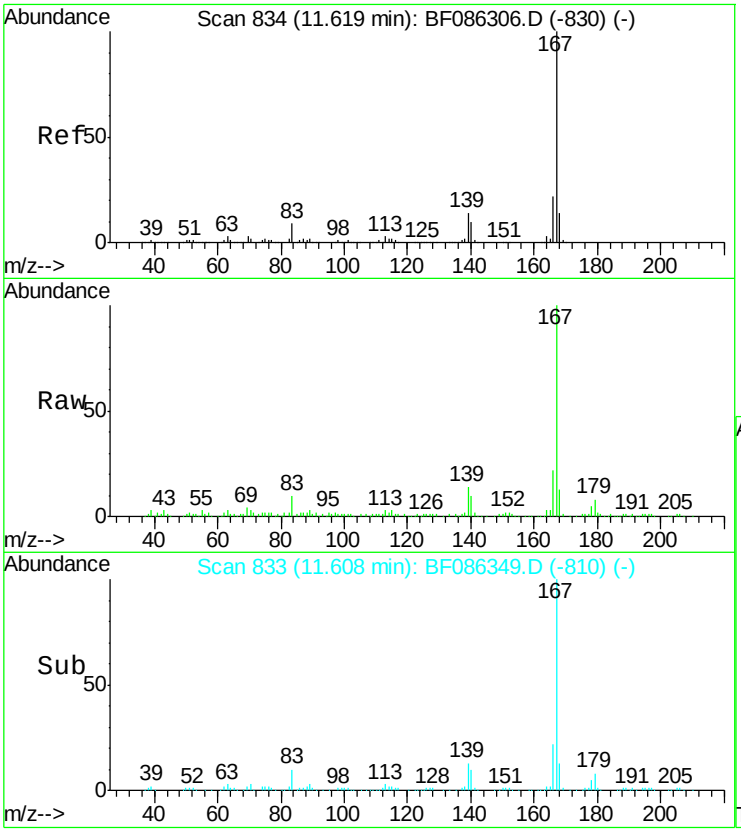


#71
Anthracene
Concen: 8.48 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:178 Resp: 321537

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	17.9	13.2	19.8



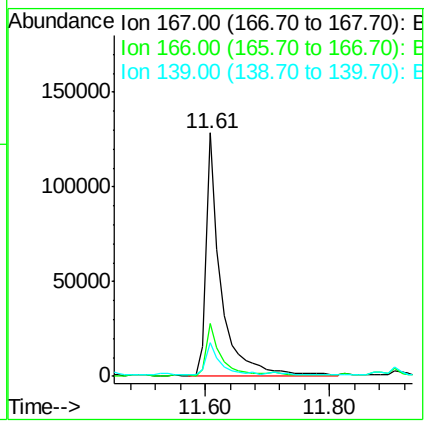


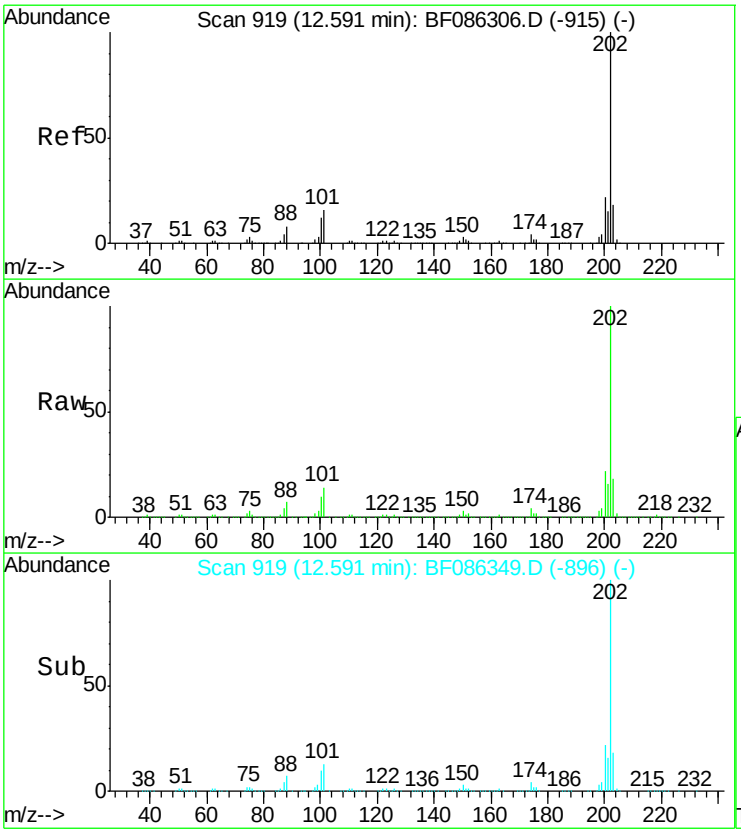
#72
Carbazole
Concen: 5.84 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:167 Resp: 209548

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.3	27.5
139	13.9	12.3	18.5

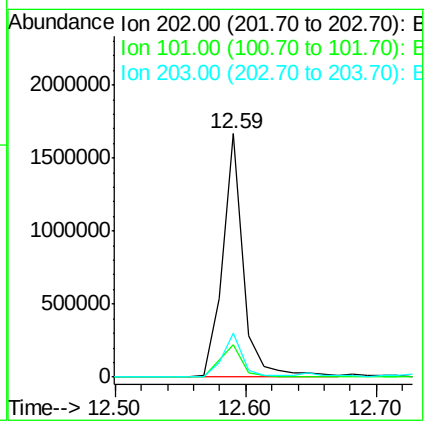


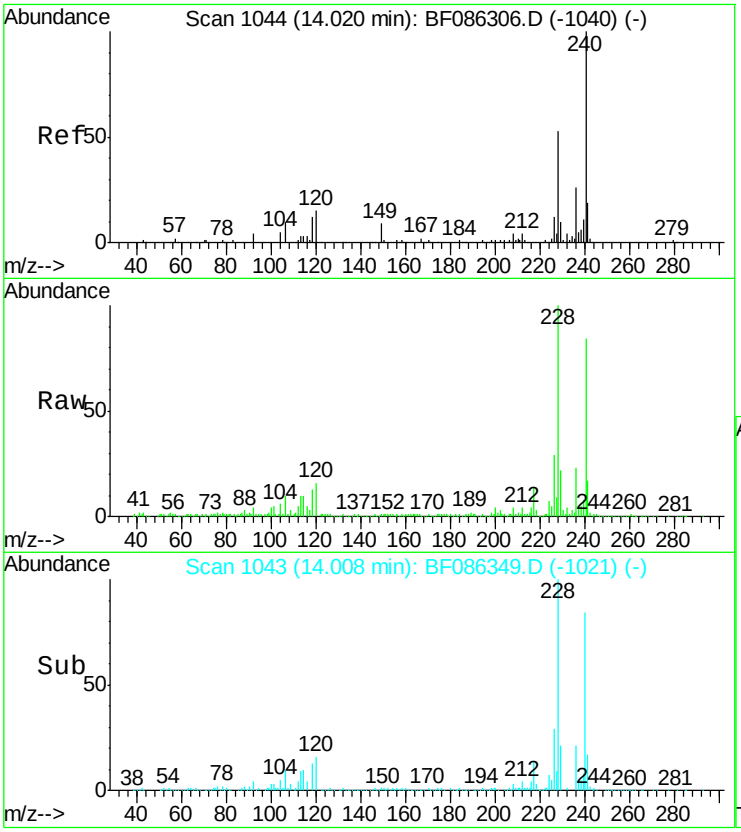


#74
Fluoranthene
Concen: 56.32 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:202 Resp: 1848010

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	35.2
203	18.0	0.0	38.2



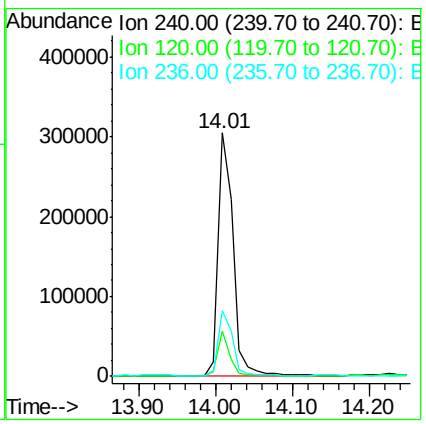


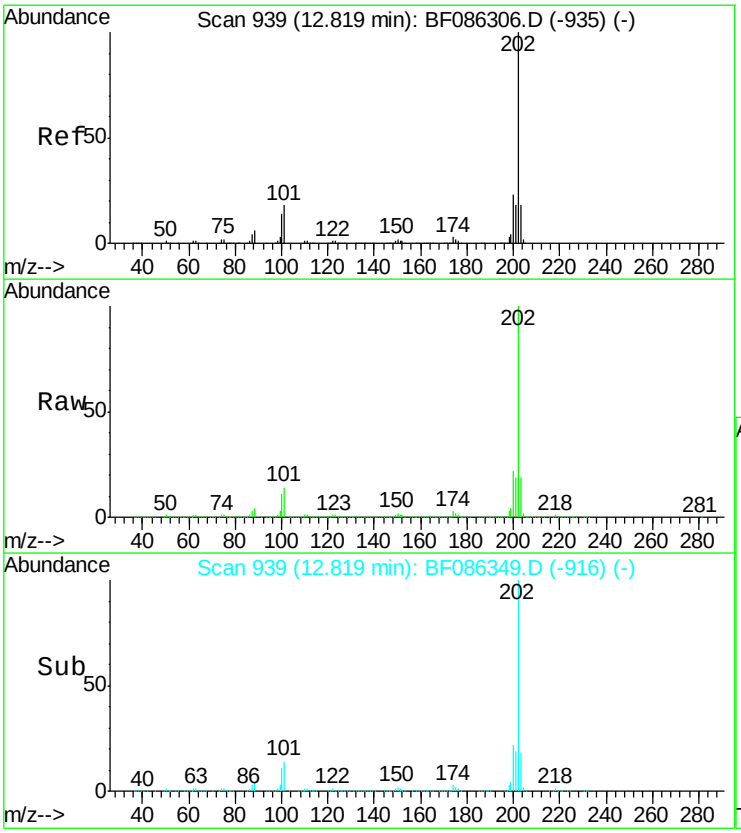
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:240 Resp: 416795

Ion	Ratio	Lower	Upper
240	100		
120	18.7	9.3	13.9#
236	27.1	21.1	31.7

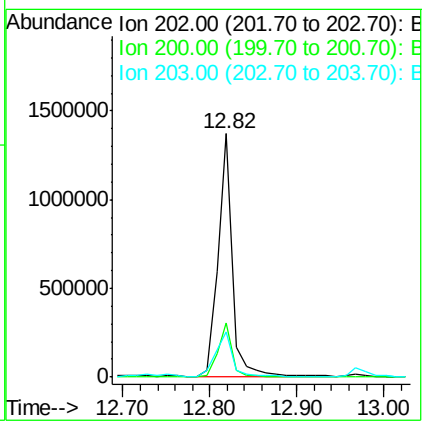


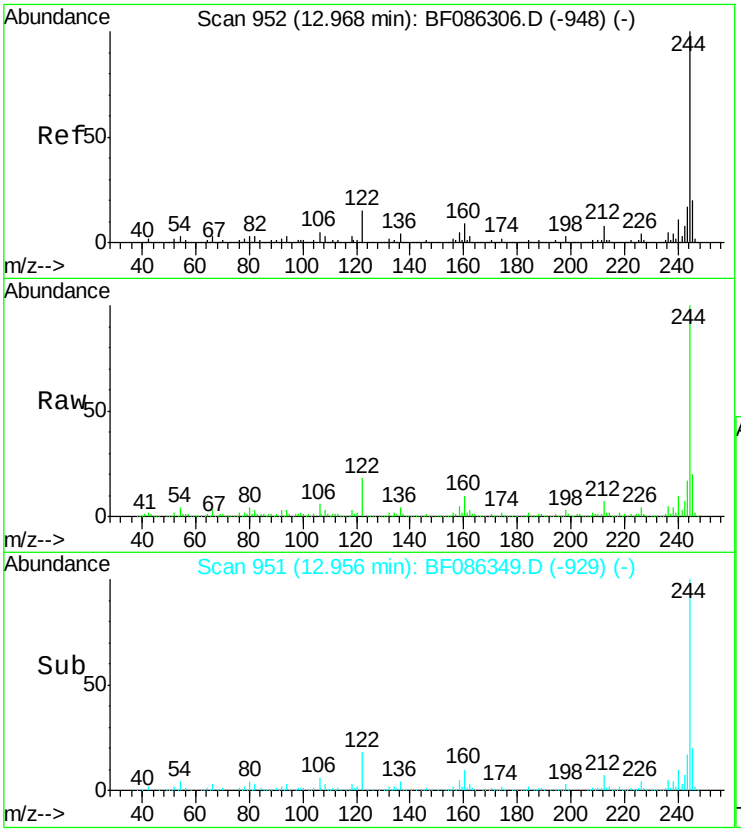


#77
Pyrene
Concen: 50.74 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:202 Resp: 1568682

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.3	27.5
203	18.5	14.9	22.3



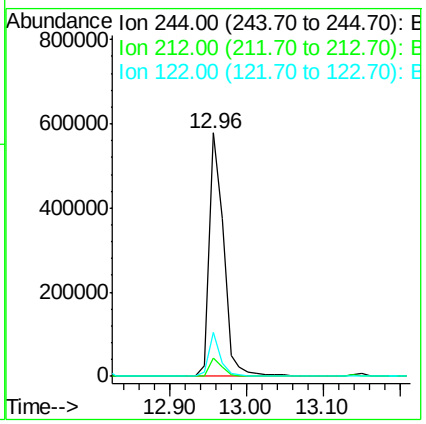


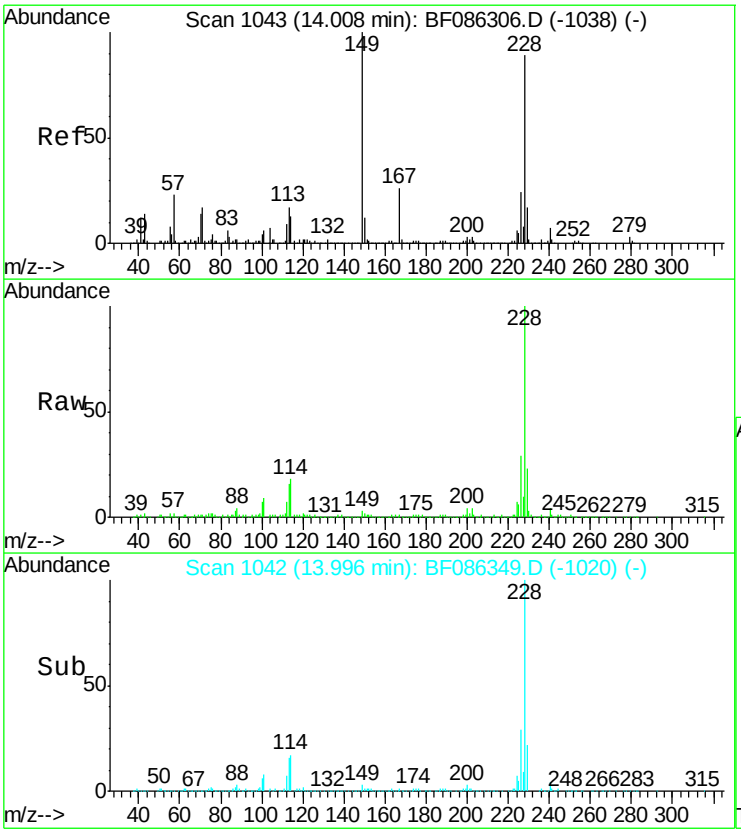
#78
Terphenyl-d14
Concen: 42.58 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:244 Resp: 745604

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	17.9	11.7	17.5#

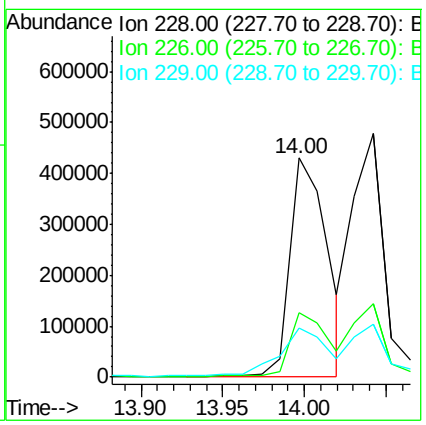


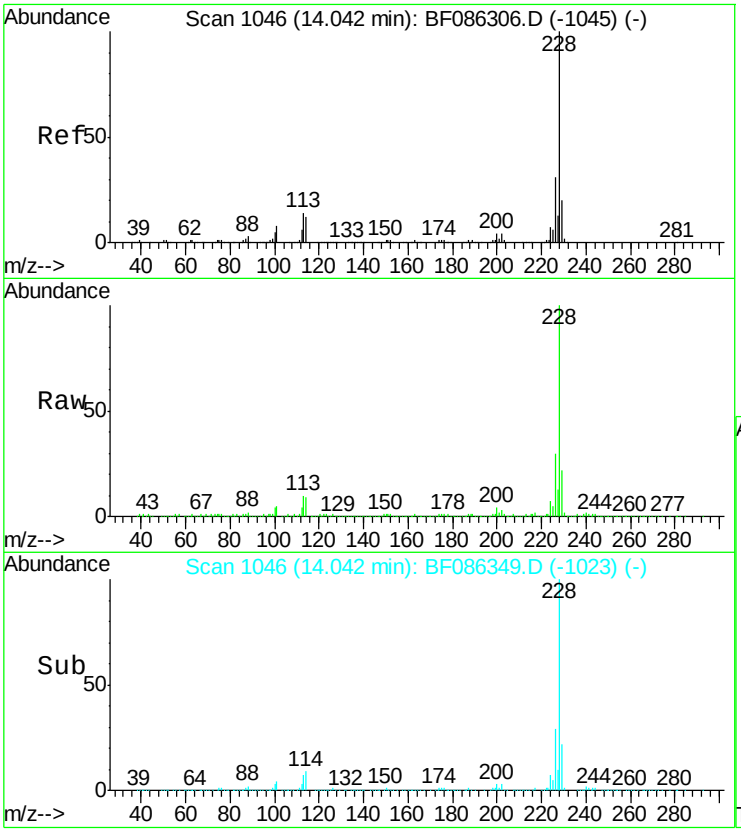


#80
Benzo(a)anthracene
Concen: 31.20 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:228 Resp: 685000

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	22.7	16.2	24.2



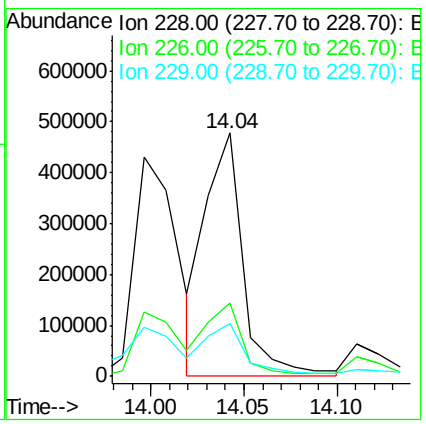


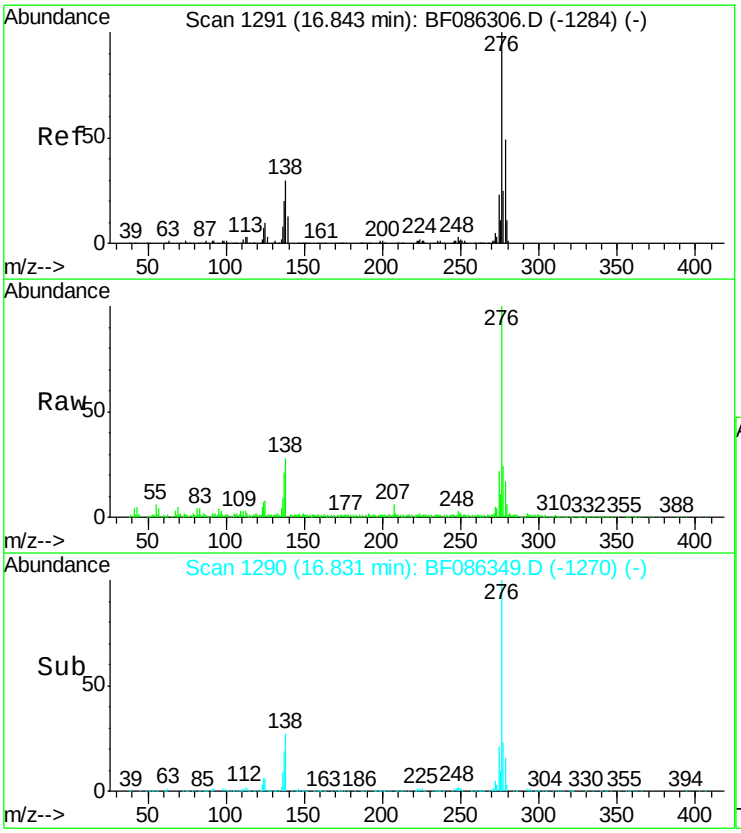
#82
Chrysene
Concen: 28.09 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:228 Resp: 666734

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	21.9	16.5	24.7

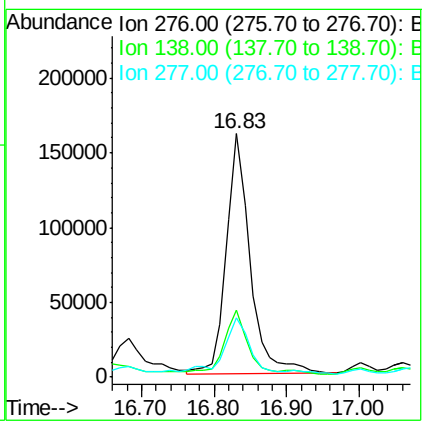


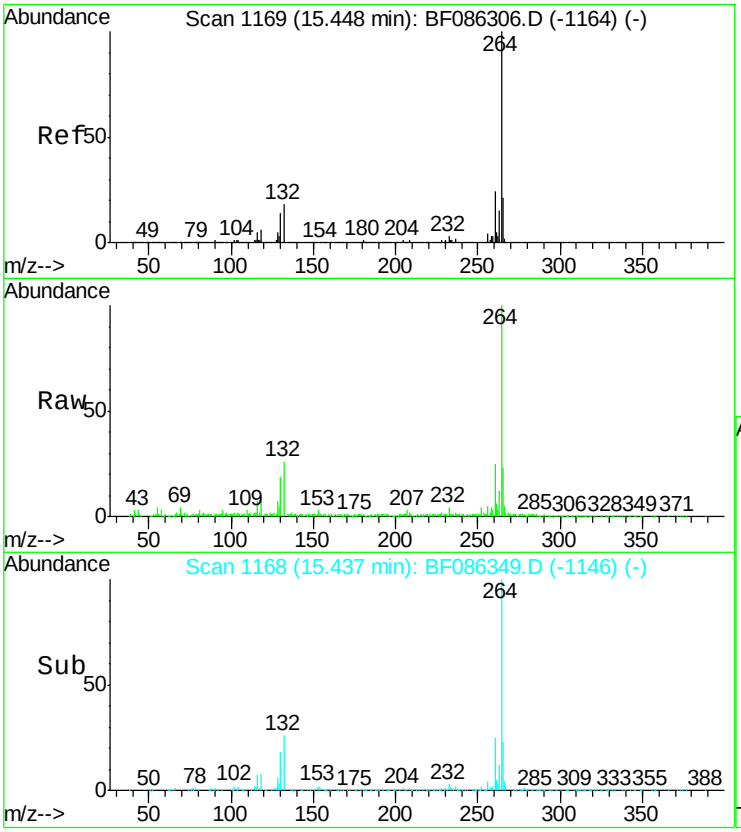


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.94 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:276 Resp: 364511

Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.8	35.6
277	24.1	20.2	30.2



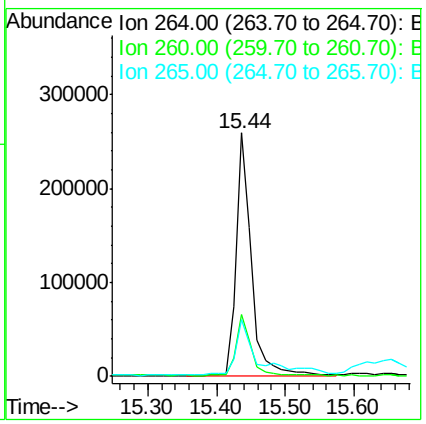


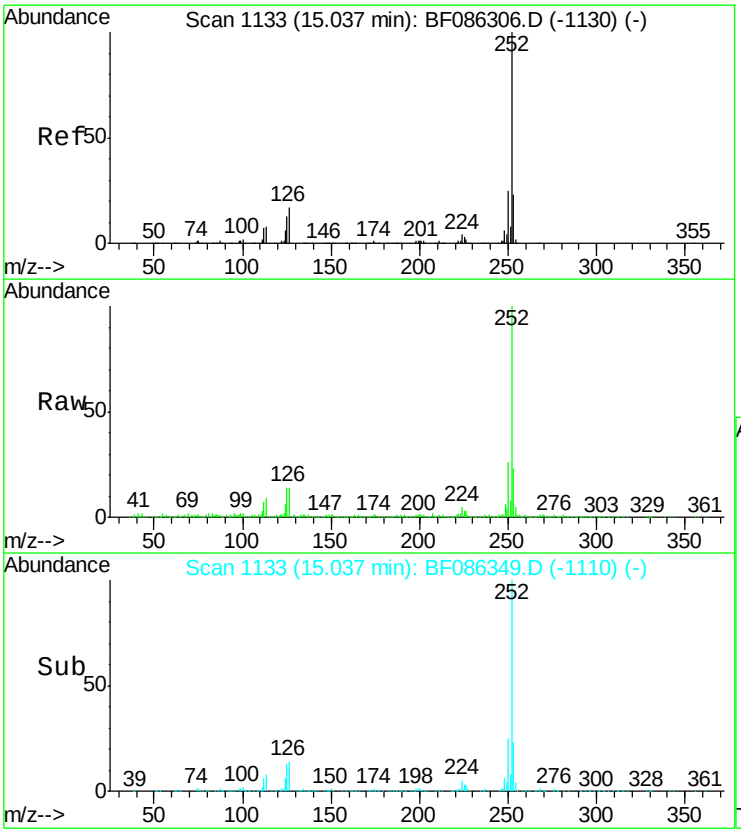
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:264 Resp: 401847

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	23.2	17.4	26.0

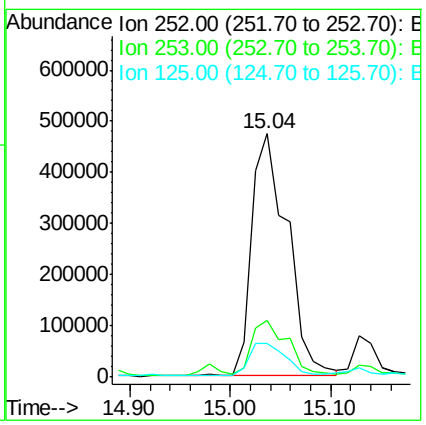


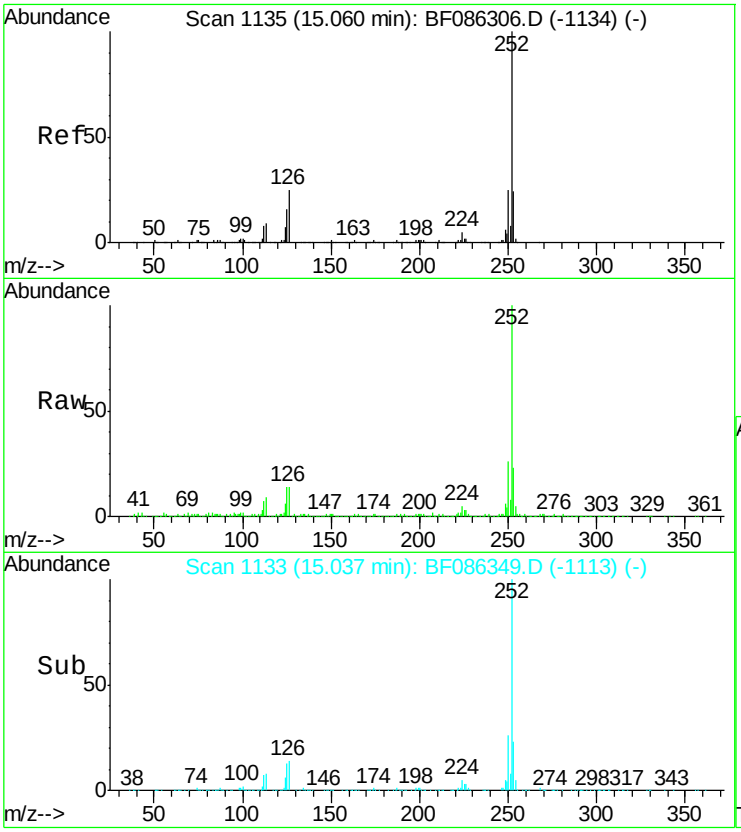


#87
Benzo(b)fluoranthene
Concen: 49.97 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:252 Resp: 1161400

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	14.0	10.3	15.5



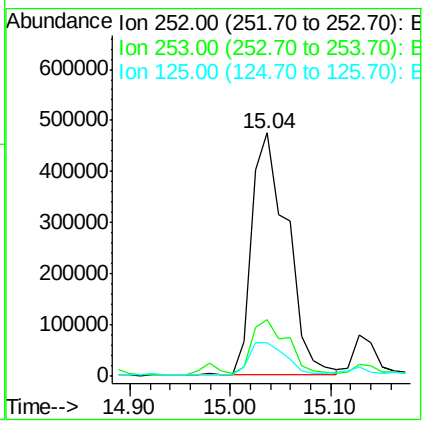


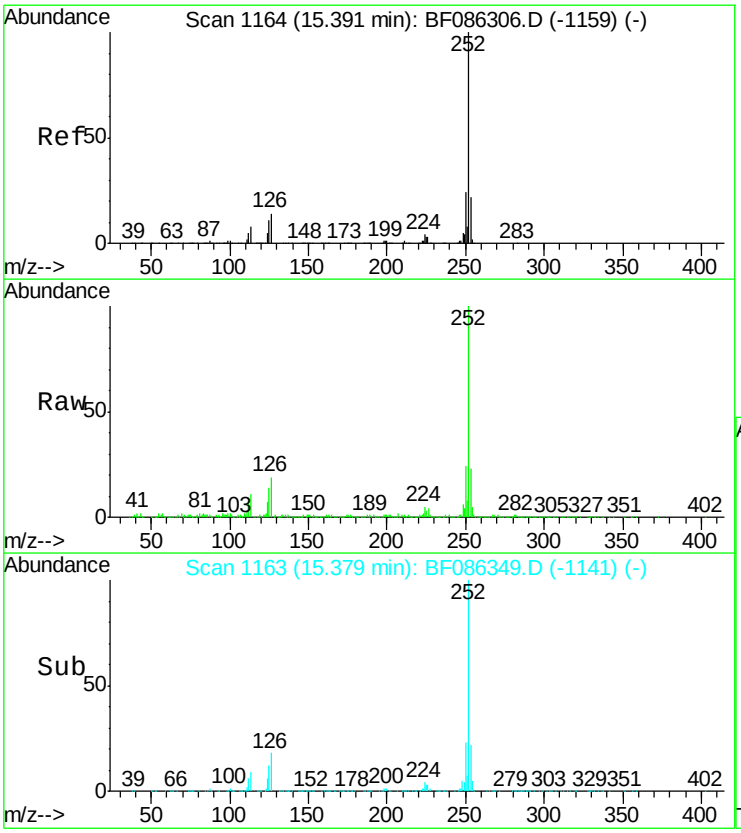
#88
Benzo(k)fluoranthene
Concen: 59.36 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:252 Resp: 1161400

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.0	7.8	11.6#

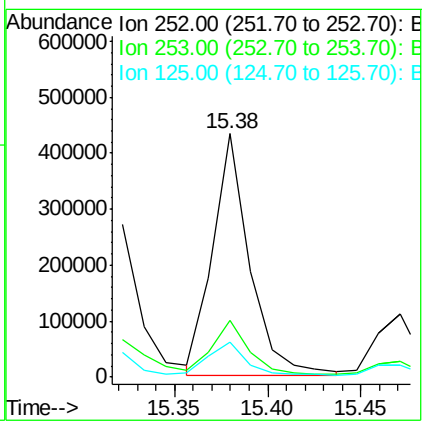


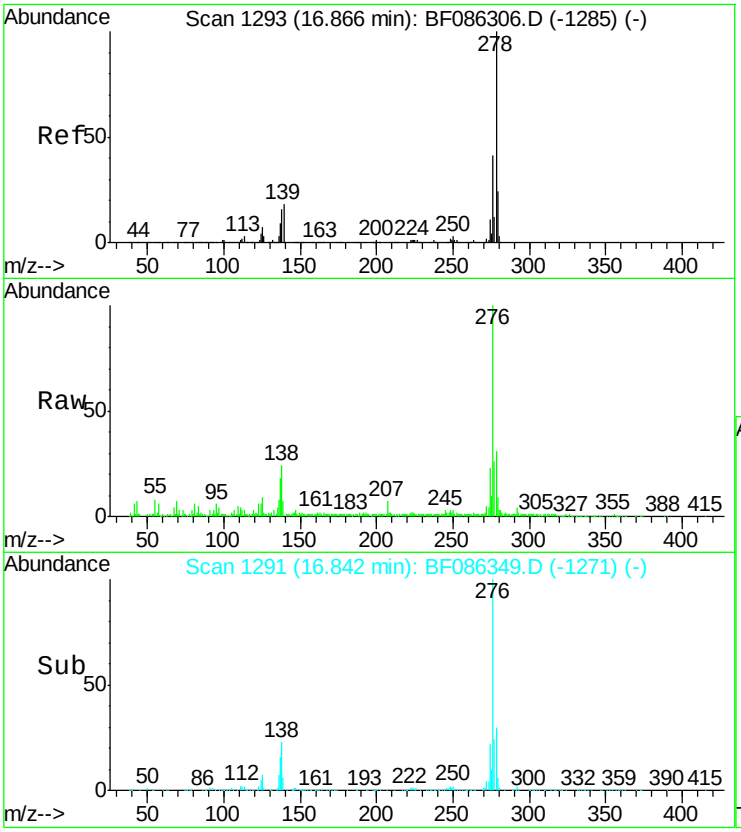


#89
Benzo(a)pyrene
Concen: 28.06 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:252 Resp: 601098

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	14.3	11.2	16.8



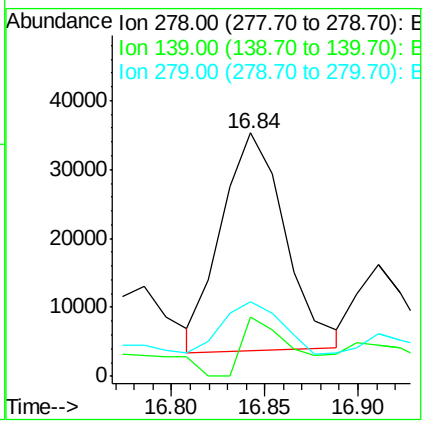


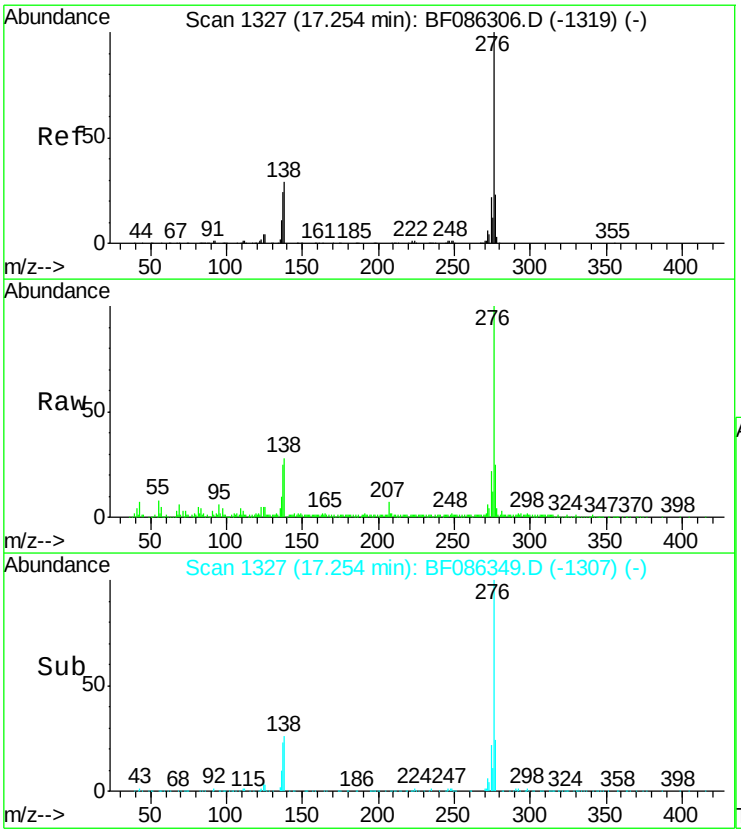
#90
Dibenzo(a,h)anthracene
Concen: 4.04 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)DDL

Tgt Ion:278 Resp: 75599

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.3	22.9#
279	30.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 17.88 ng
RT: 17.25 min Scan# 1327
Delta R.T. -0.07 min
Lab File: BF086349.D
Acq: 21 Apr 2016 17:50

Tgt Ion:276 Resp: 320644

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.6
138	27.8	19.6	29.4