Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092877.D
Acq On : 9 Feb 2017 2:14
Operator : SJ/MA
Sample : I1728-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-R2-COMP

Quant Time: Feb 09 02:42:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143499	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	555767	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	312169	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	525096	20.00	ng		0.00
75) Chrysene-d12	14.07	240	406828	20.00	ng		0.00
86) Perylene-d12	15.51	264	328751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	107548	12.86	ng		-0.01
7) Phenol-d6	6.52	99	143903	13.37	ng		-0.01
23) Nitrobenzene-d5	7.46	82	81132	8.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	27237	12.06	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	168751	9.79	ng		-0.01
78) Terphenyl-d14	13.00	244	155268	8.97	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.46	82	81144	4.36	ng	#	65
31) Naphthalene	8.20	128	415351	14.74	ng		98
32) Benzoic acid	7.97	122	266	7.21	ng	#	33
33) 4-Chloroaniline	8.20	127	55220	5.00	ng	#	34
37) 2-Methylnaphthalene	8.99	142	109944	6.08	ng		96
45) 1,1'-Biphenyl	9.36	154	82520	3.65	ng		99
50) 2,6-Dinitrotoluene	9.94	165	47364	10.43	ng	#	31
51) Acenaphthene	9.96	154	518802	28.41	ng		96
54) Dibenzofuran	10.13	168	454317	18.60	ng		97
55) 4-Nitrophenol	10.13	139	159791	42.69	ng	#	6
57) Fluorene	10.49	166	612399	32.59	ng		98
70) Phenanthrene	11.45	178	2352667	78.20	ng		99
71) Anthracene	11.49	178	456391	15.11	ng		98
72) Carbazole	11.65	167	106933	3.70	ng		97
74) Fluoranthene	12.65	202	3063111	98.71	ng		95
77) Pyrene	12.88	202	2709502	88.99	ng		100
80) Benzo(a)anthracene	14.05	228	845902	34.00	ng		98
82) Chrysene	14.09	228	1014178	43.53	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	108146	5.99	ng		97
87) Benzo(b)fluoranthene	15.09	252	851703	39.36	ng		99
88) Benzo(k)fluoranthene	15.09	252	851703	45.59	ng		98
89) Benzo(a)pyrene	15.54	252	76793	4.10	ng		97
91) Benzo(g,h,i)perylene	17.36	276	78477	5.14	ng	#	90

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

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Misc :
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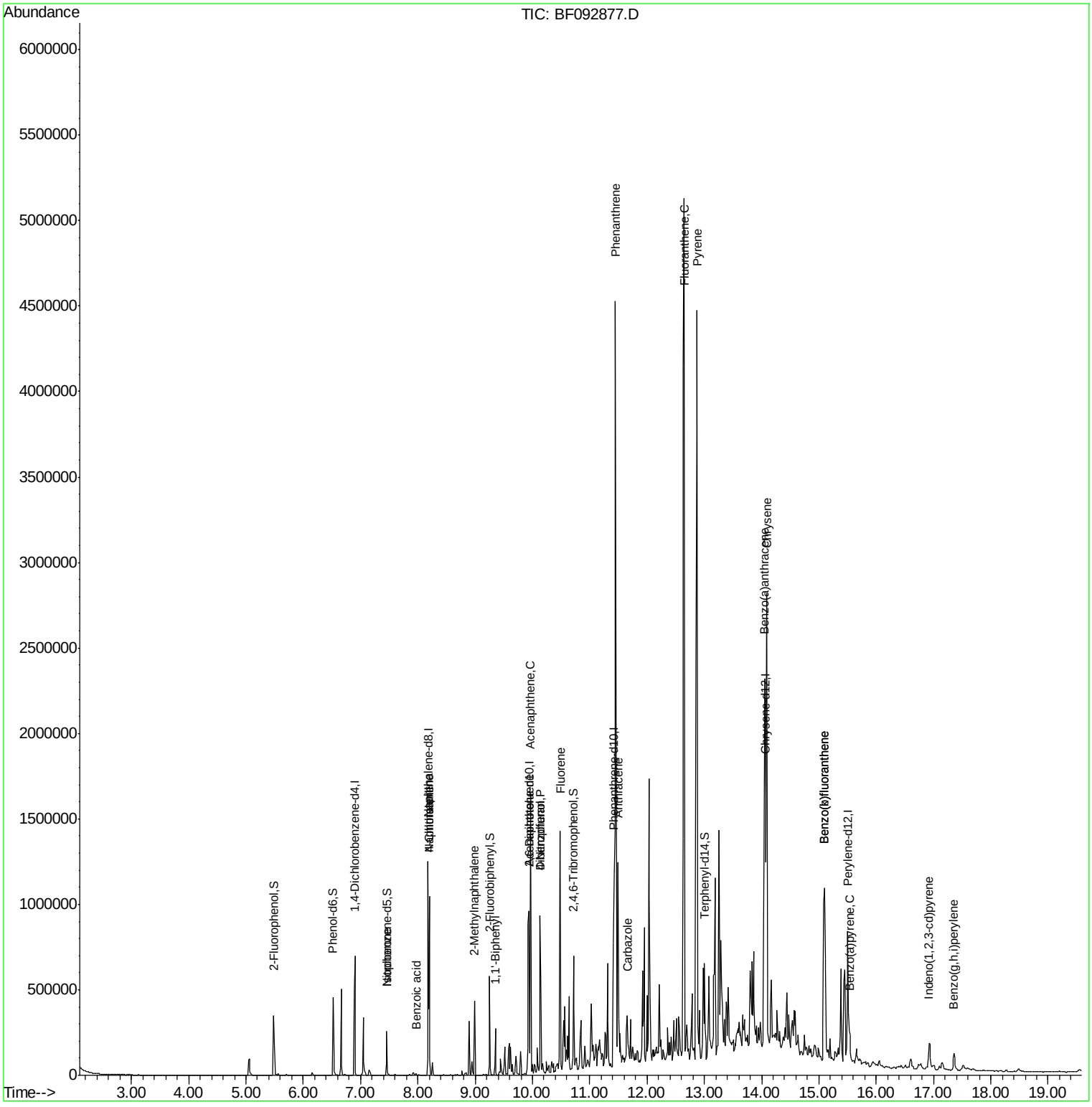
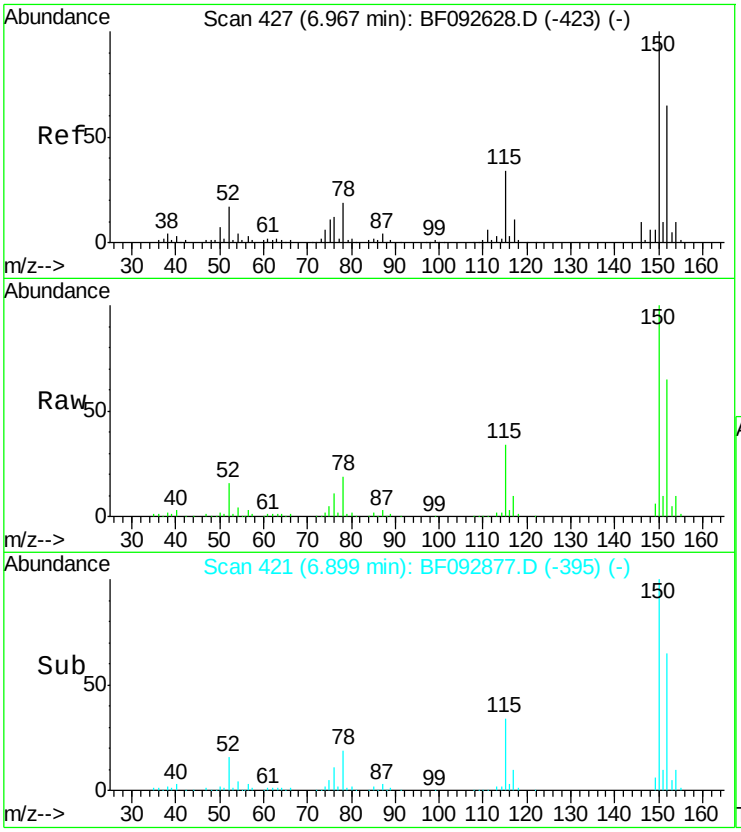


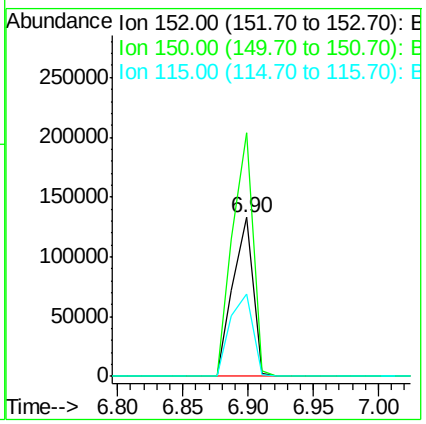


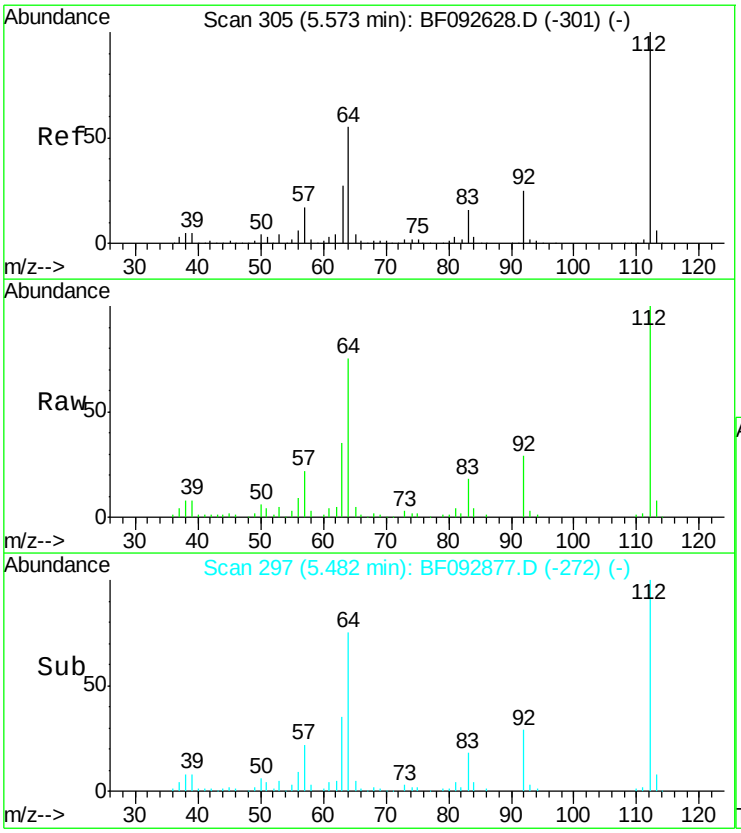
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:152 Resp: 143499

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.9	187.3
115	52.1	46.0	69.0

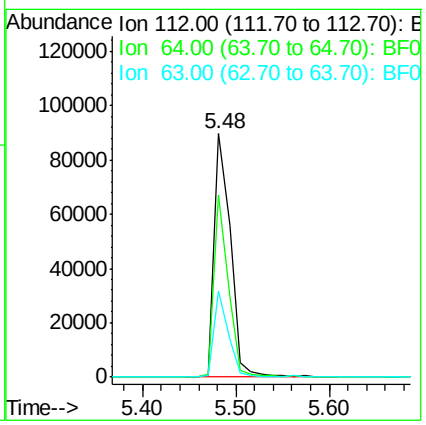


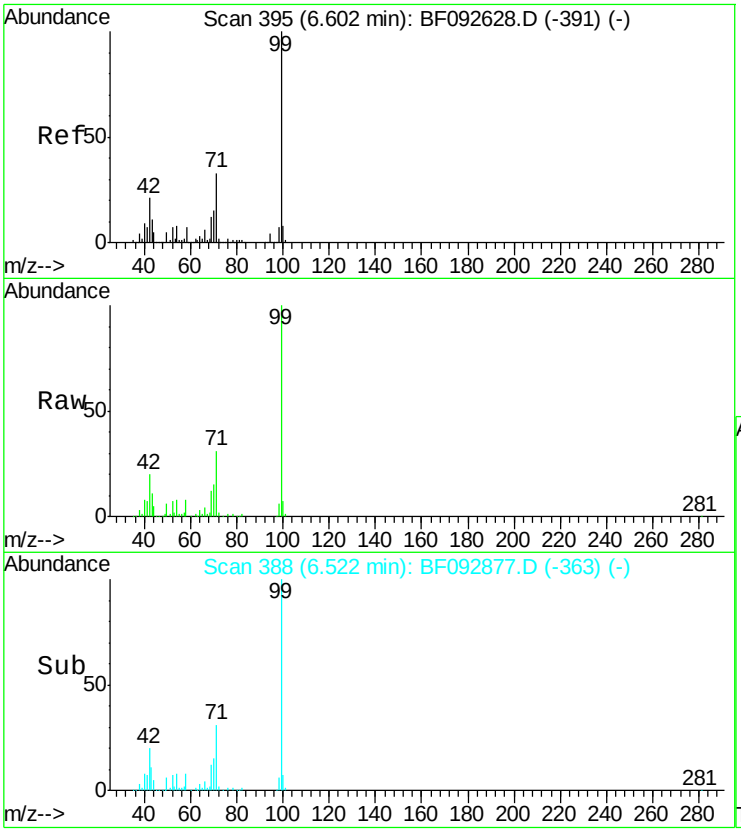


#5
2-Fluorophenol
Concen: 12.86 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:112 Resp: 107548

Ion	Ratio	Lower	Upper
112	100		
64	74.7	46.1	69.1#
63	35.2	23.8	35.6



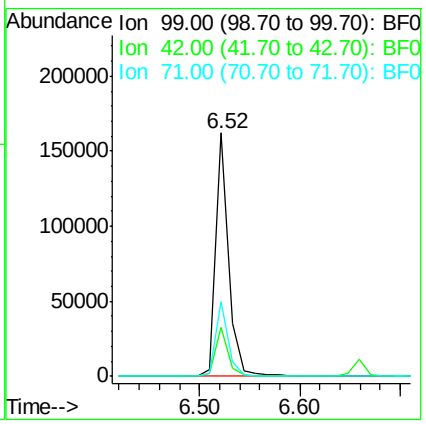


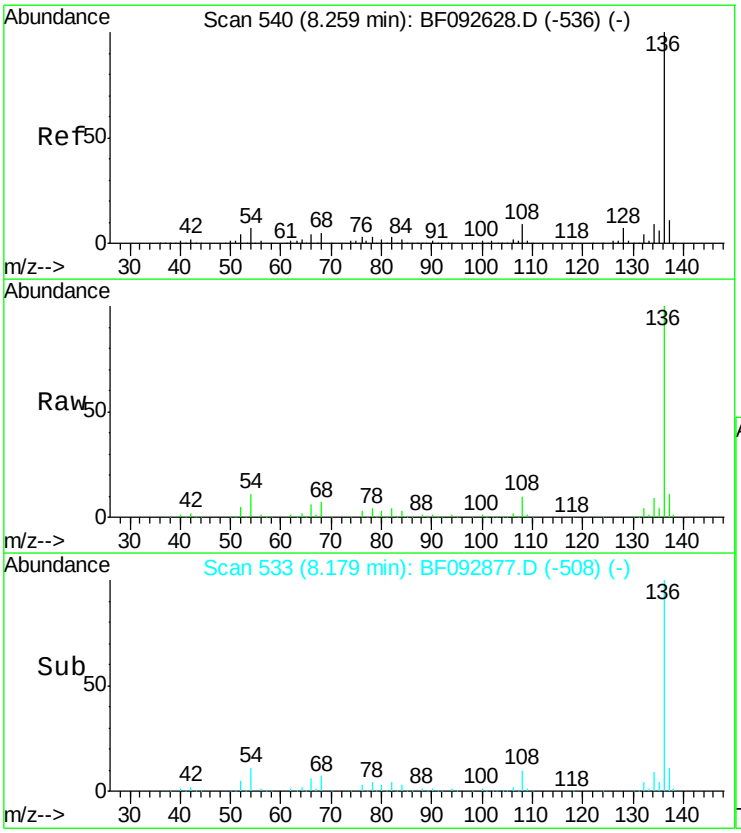
#7
Phenol-d6
Concen: 13.37 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 99 Resp: 143903

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	30.7	27.5	41.3

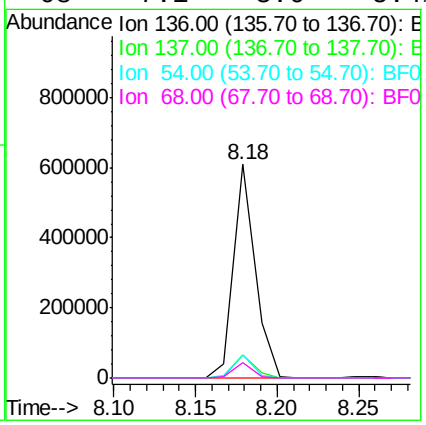


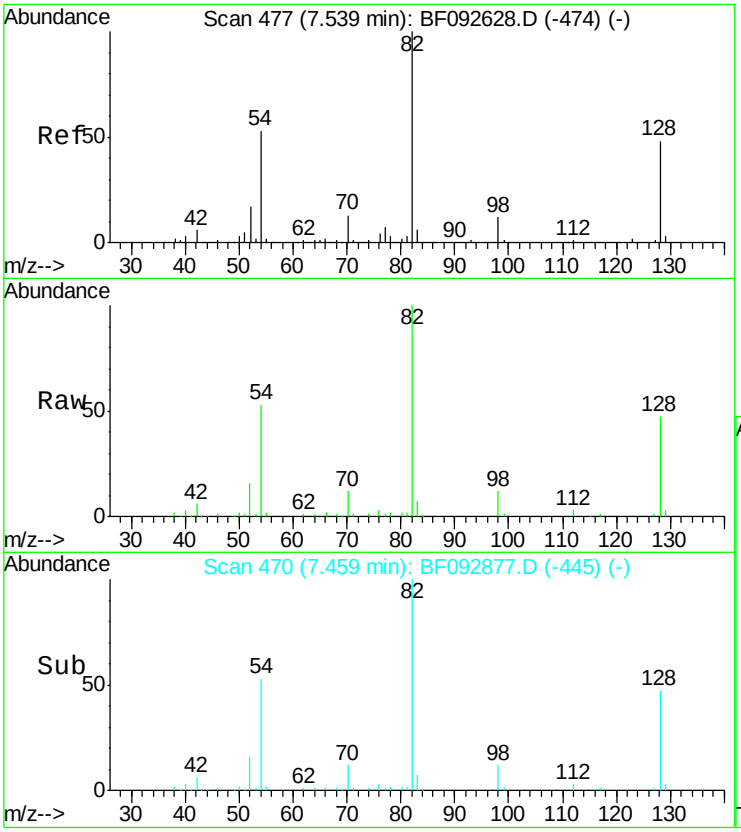


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:136 Resp: 555767

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.6	4.5	6.7#
68	7.1	3.6	5.4#



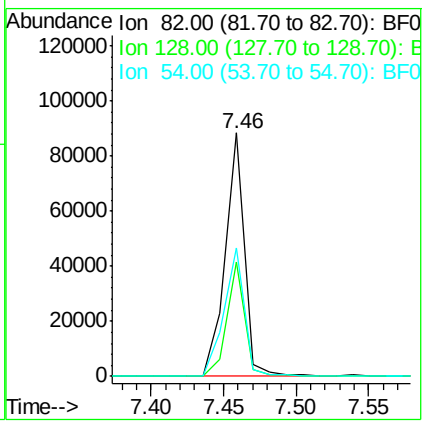


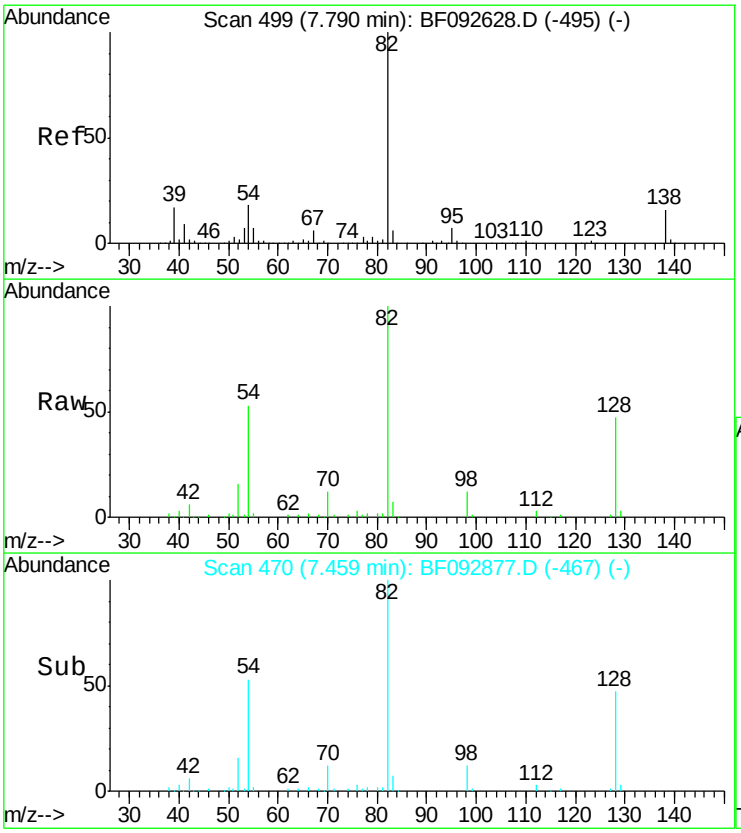
#23
Nitrobenzene-d5
Concen: 8.13 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 82 Resp: 81132

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	52.0
54	52.6	39.5	59.3

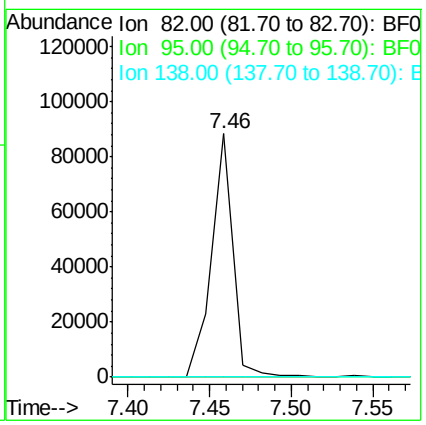


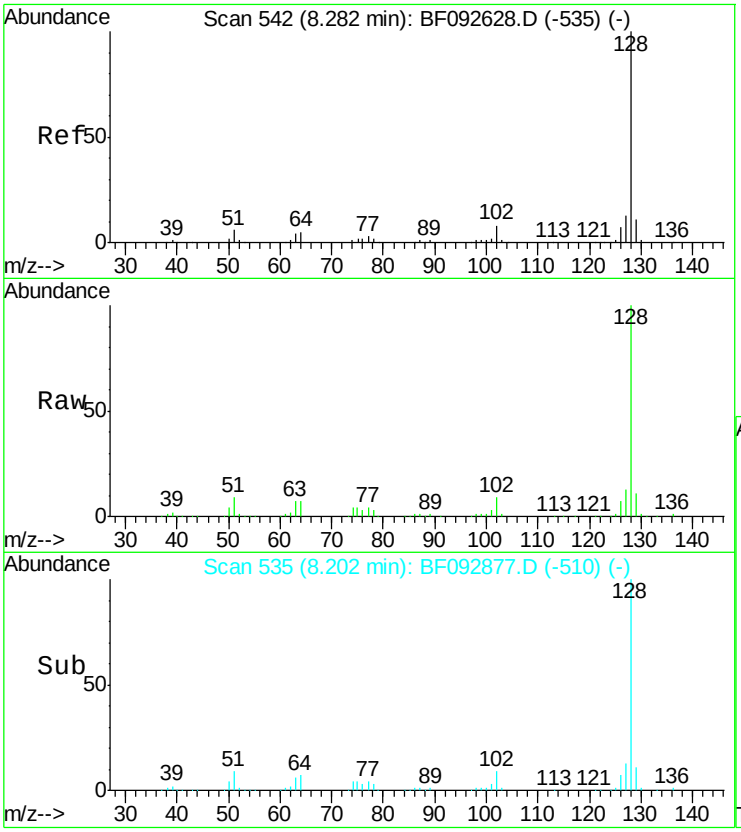


#25
Isophorone
Concen: 4.36 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.26 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion: 82 Resp: 81144

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



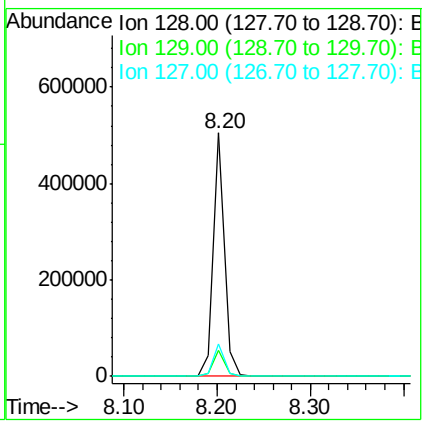


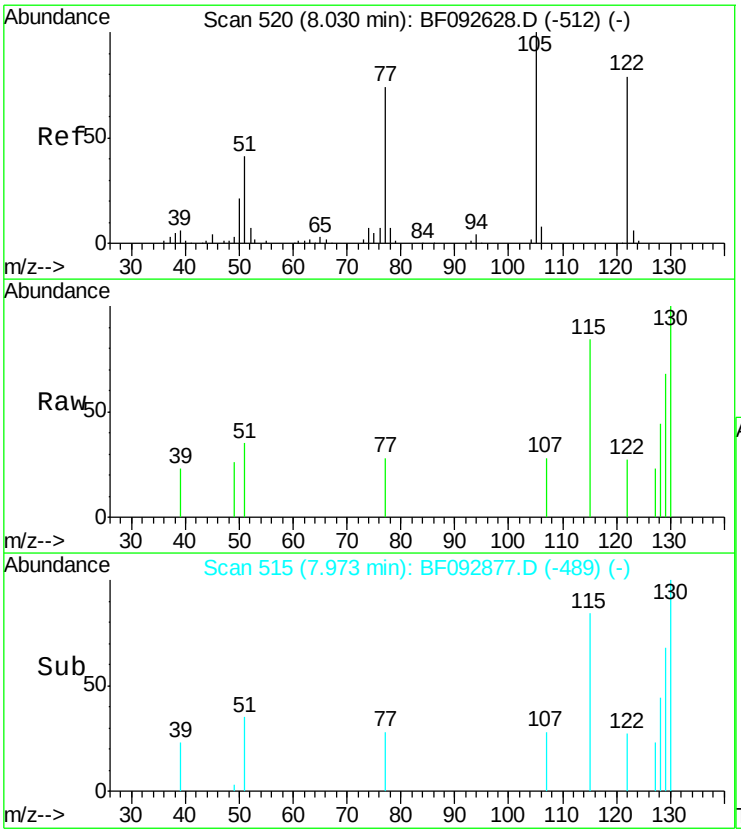
#31
Naphthalene
Concen: 14.74 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:128 Resp: 415351

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.2	10.8	16.2

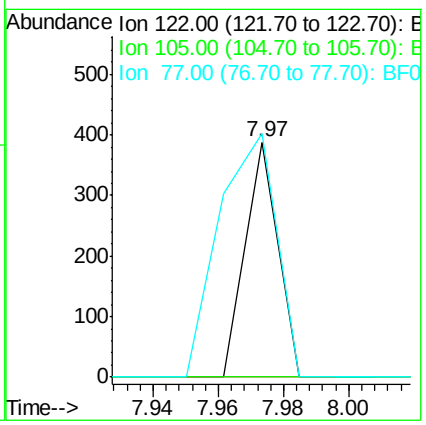


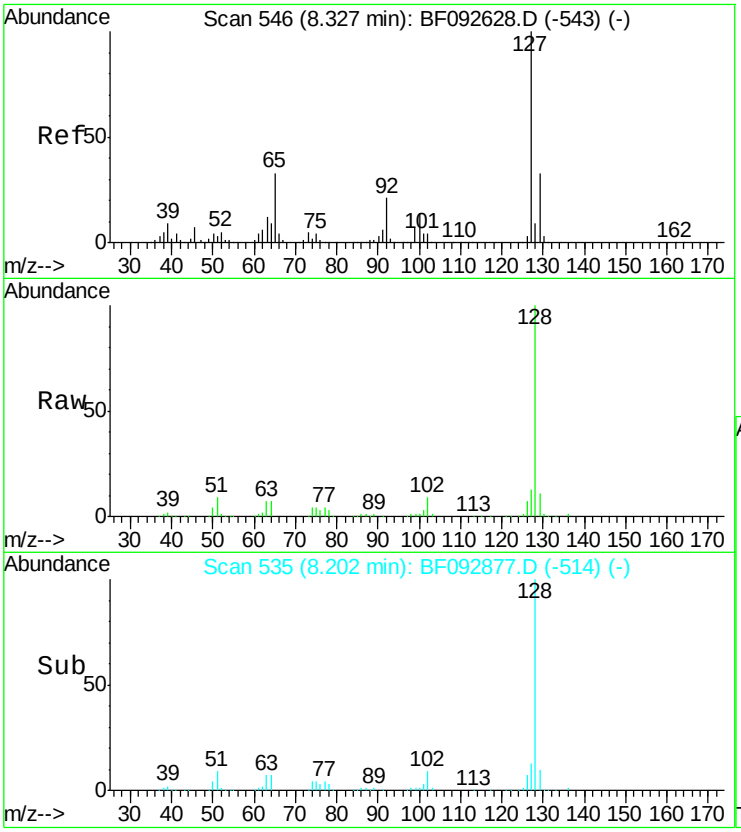


#32
Benzoic acid
Concen: 7.21 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:122 Resp: 266

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	103.6	74.5	114.5



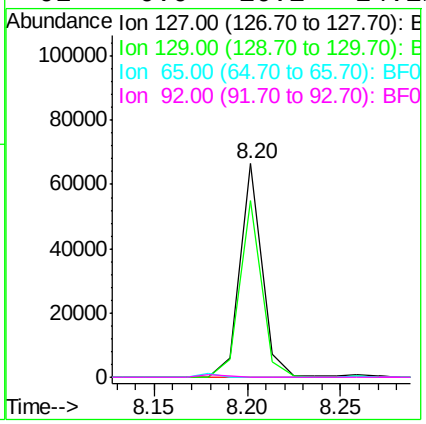


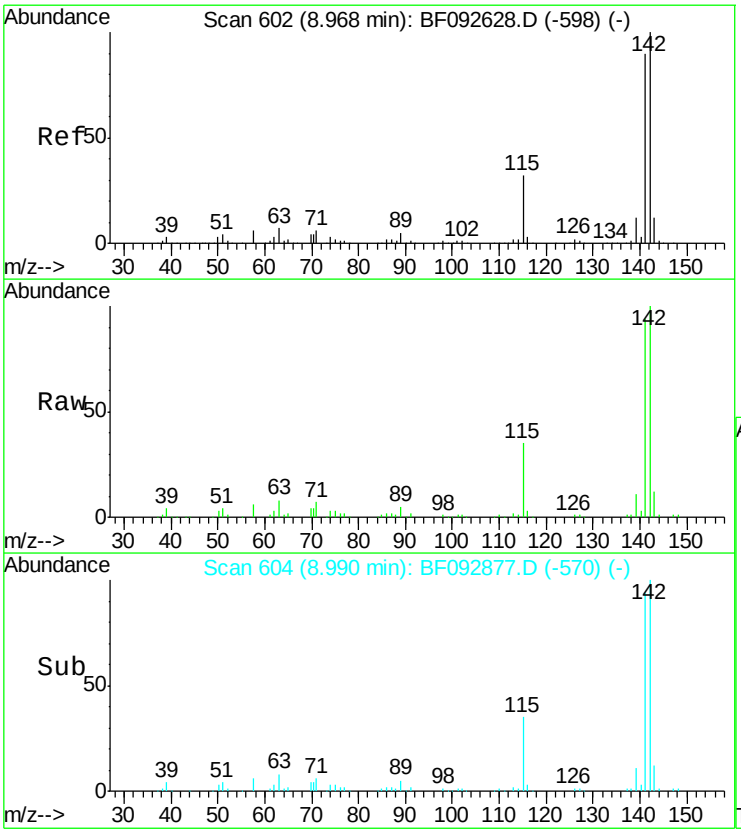
#33
4-Chloroaniline
Concen: 5.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:127 Resp: 55220

Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#

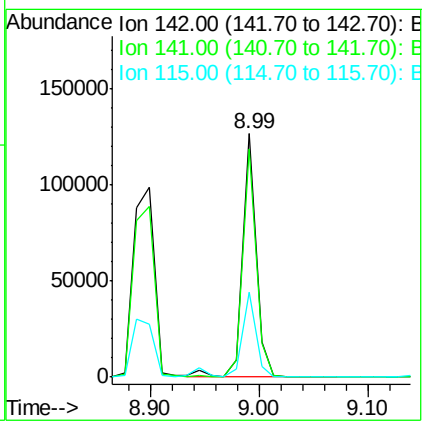


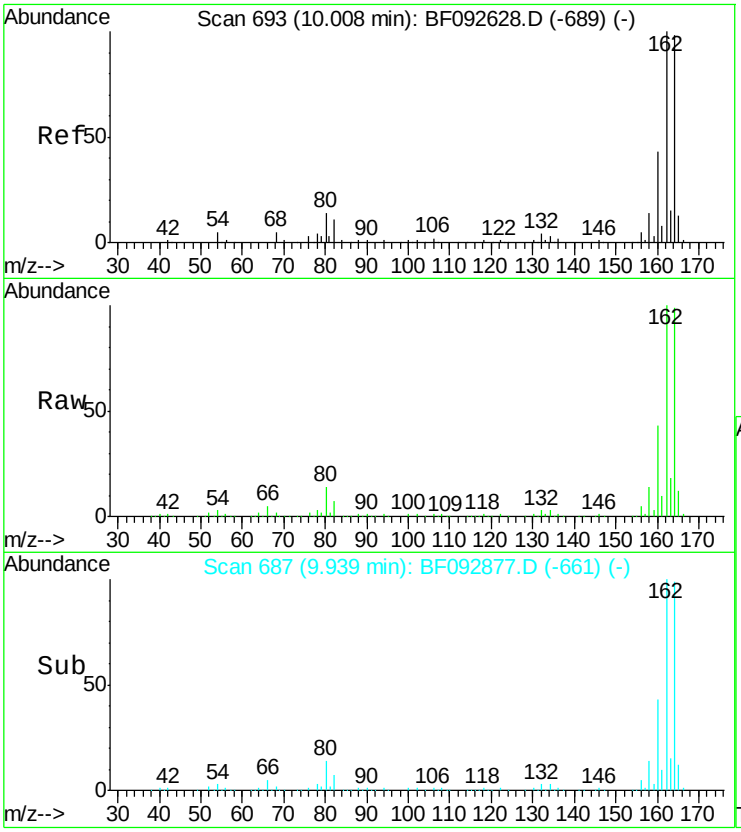


#37
2-Methylnaphthalene
Concen: 6.08 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.09 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:142 Resp: 109944

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.0	106.6
115	34.7	28.3	42.5



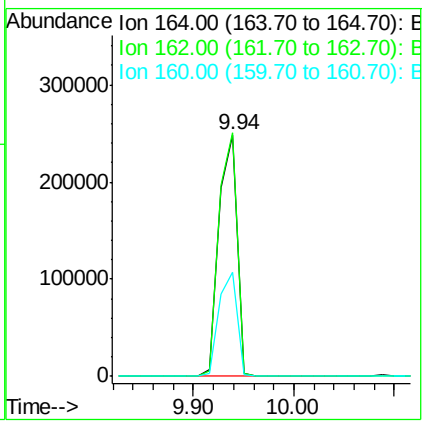


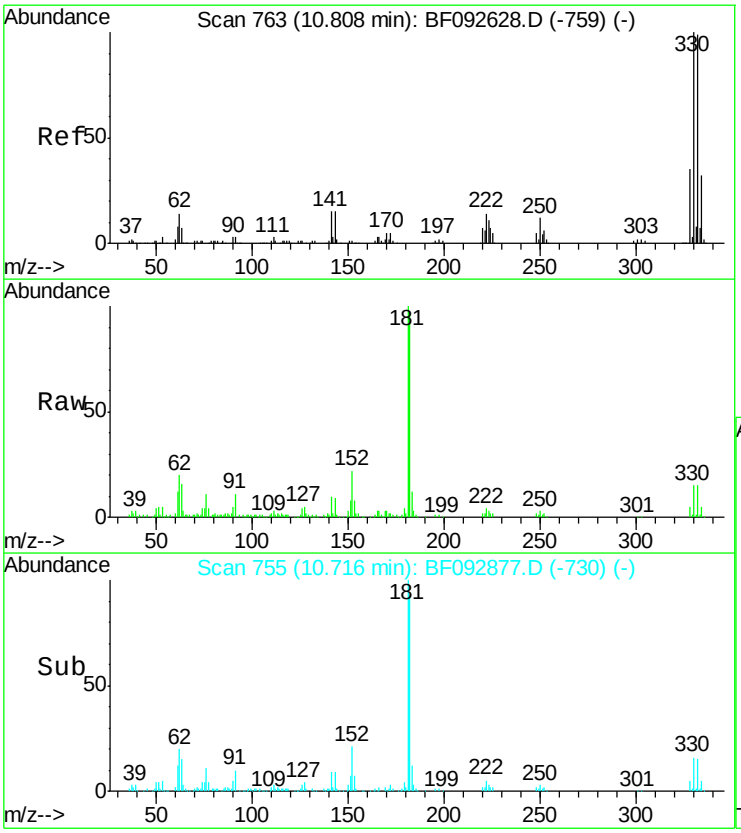
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:164 Resp: 312169

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.0	36.9	55.3

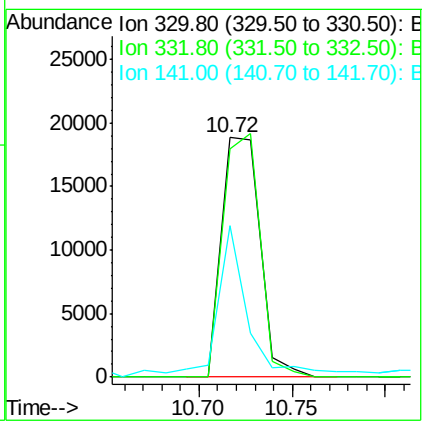


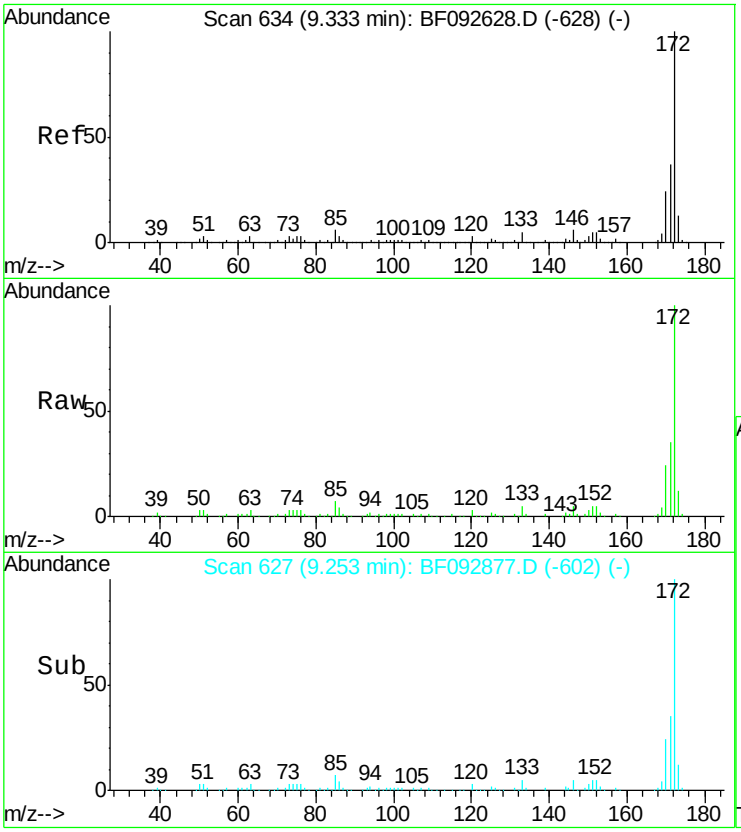


#41
2,4,6-Tribromophenol
Concen: 12.06 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:330 Resp: 27237

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	53.3	34.1	51.1#



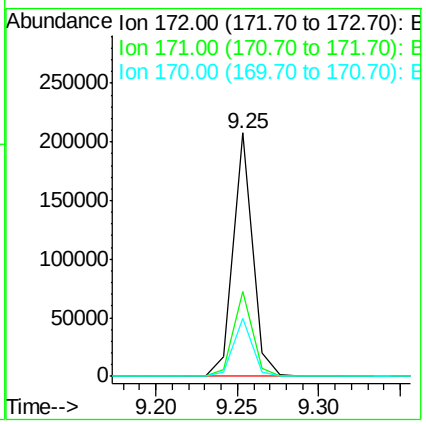


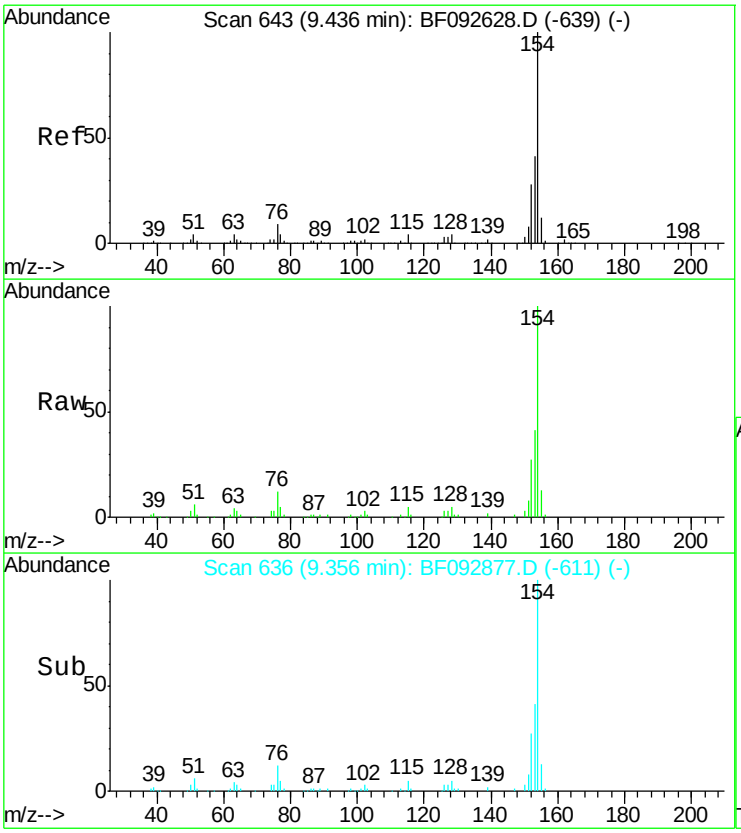
#44
2-Fluorobiphenyl
Concen: 9.79 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:172 Resp: 168751

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.0
170	23.6	20.2	30.4

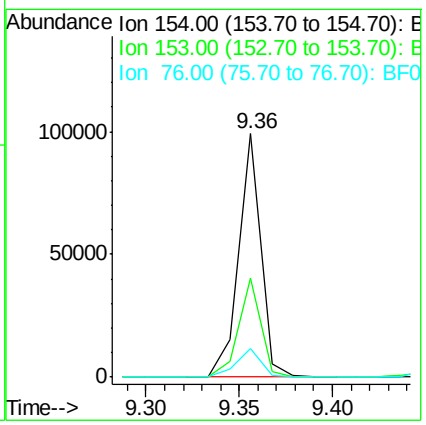


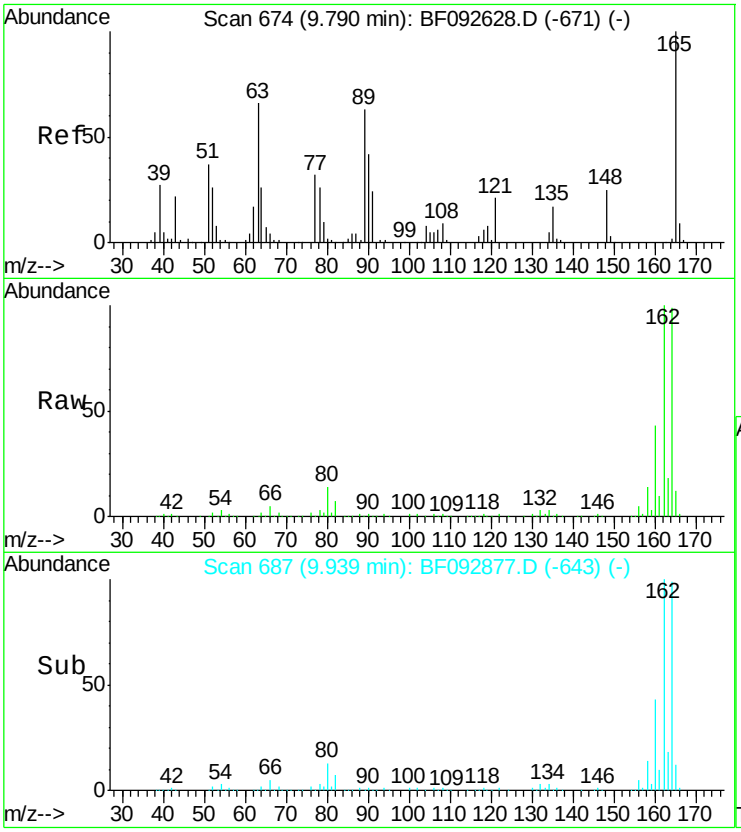


#45
1,1'-Biphenyl
Concen: 3.65 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:154 Resp: 82520

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	12.0	0.0	30.5



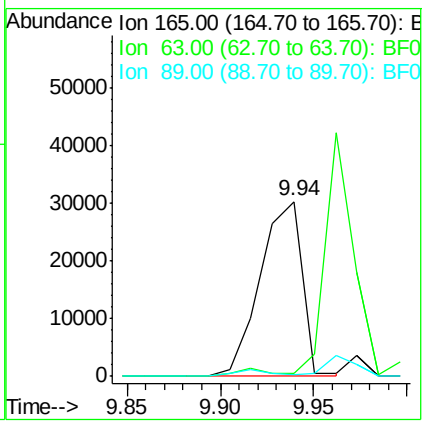


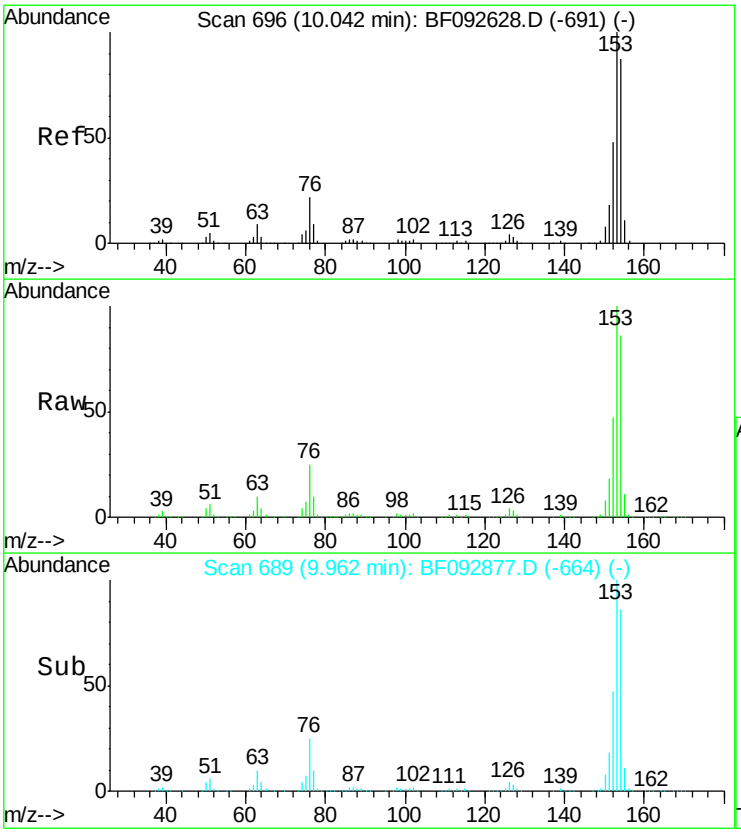
#50
2,6-Dinitrotoluene
Concen: 10.43 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.21 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:165 Resp: 47364

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.1	40.2	60.4#

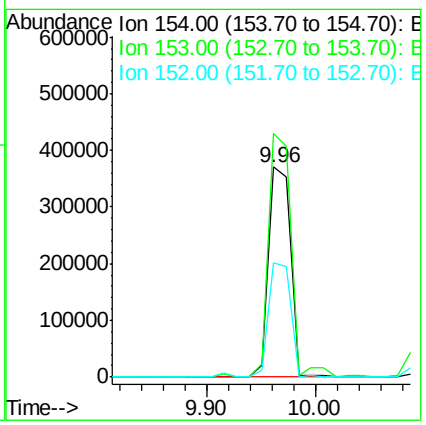


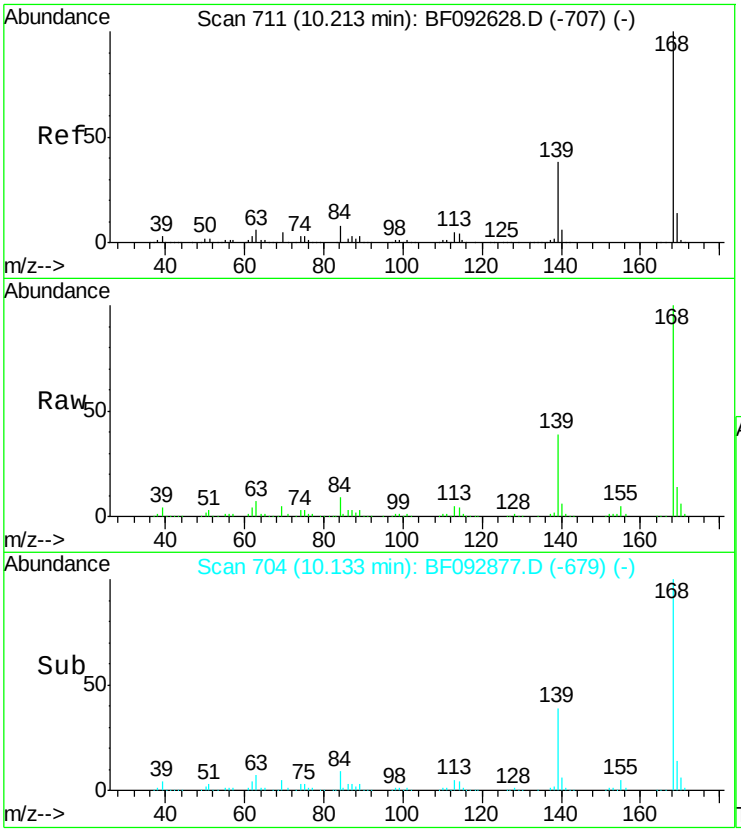


#51
Acenaphthene
Concen: 28.41 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:154 Resp: 518802

Ion	Ratio	Lower	Upper
154	100		
153	115.9	88.6	133.0
152	54.4	41.6	62.4



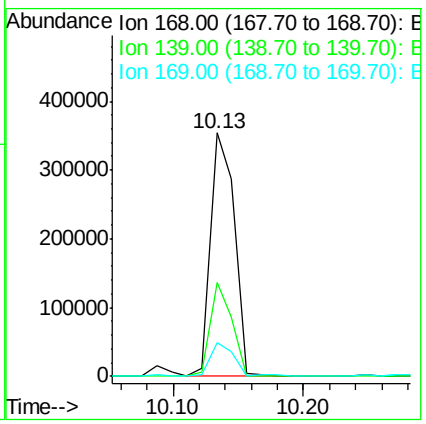


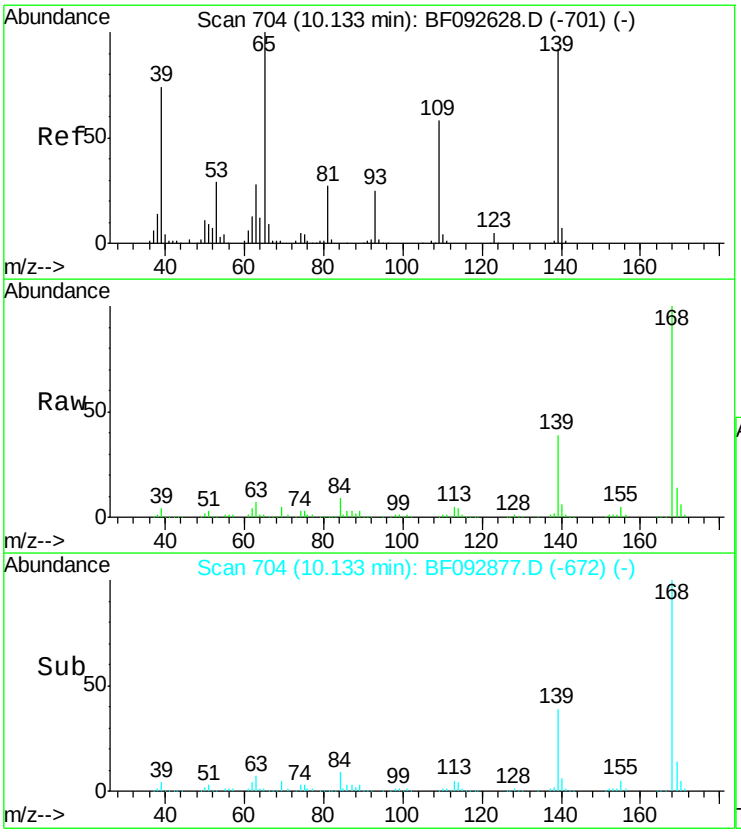
#54
Dibenzofuran
Concen: 18.60 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:168 Resp: 454317

Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.6	49.0
169	14.1	11.3	16.9

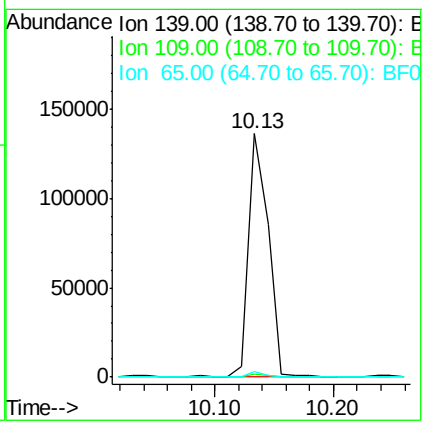


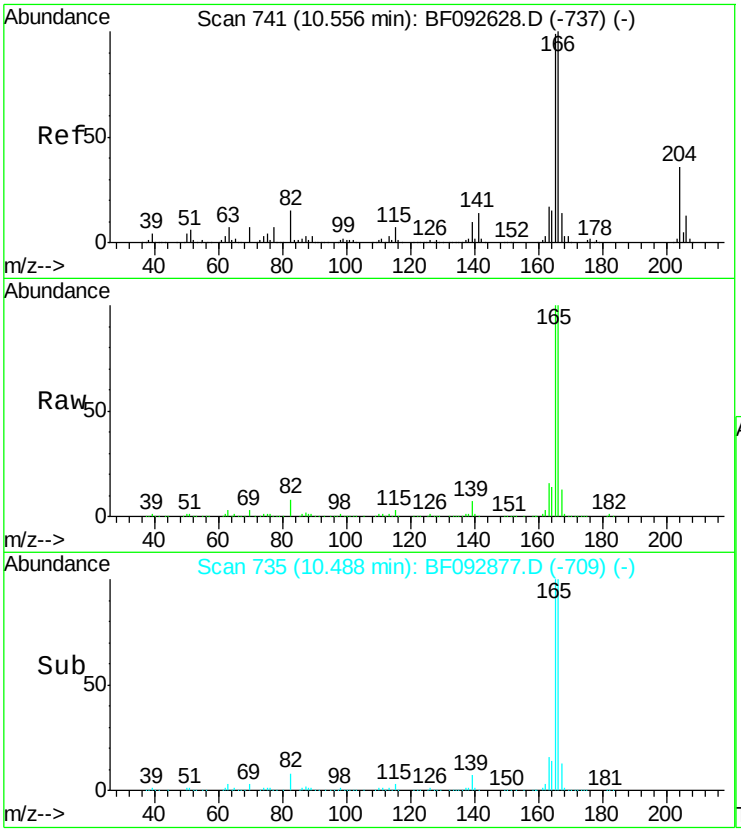


#55
4-Nitrophenol
Concen: 42.69 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.07 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:139 Resp: 159791

Ion	Ratio	Lower	Upper
139	100		
109	1.0	52.2	92.2#
65	2.2	85.8	125.8#



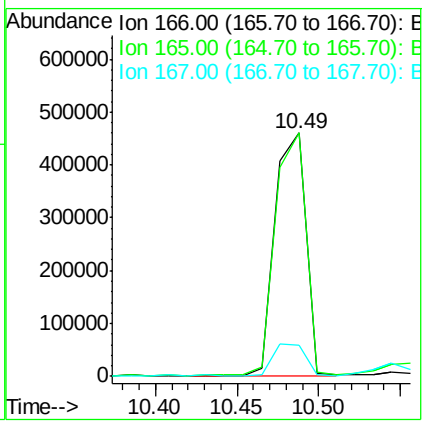


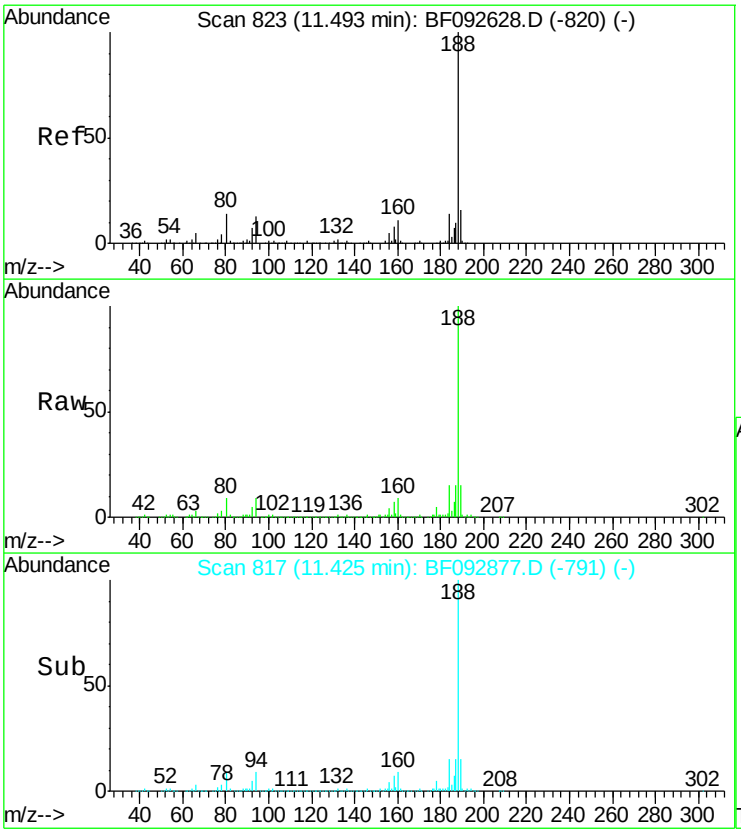
#57
Fluorene
Concen: 32.59 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:166 Resp: 612399

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	13.0	10.8	16.2

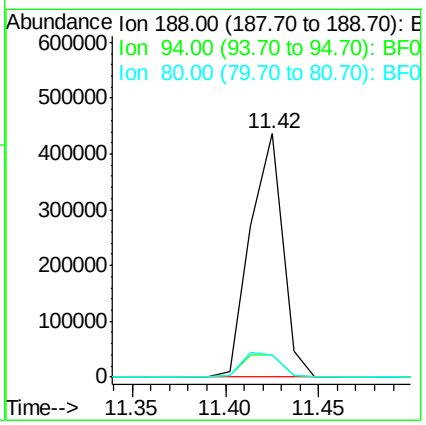


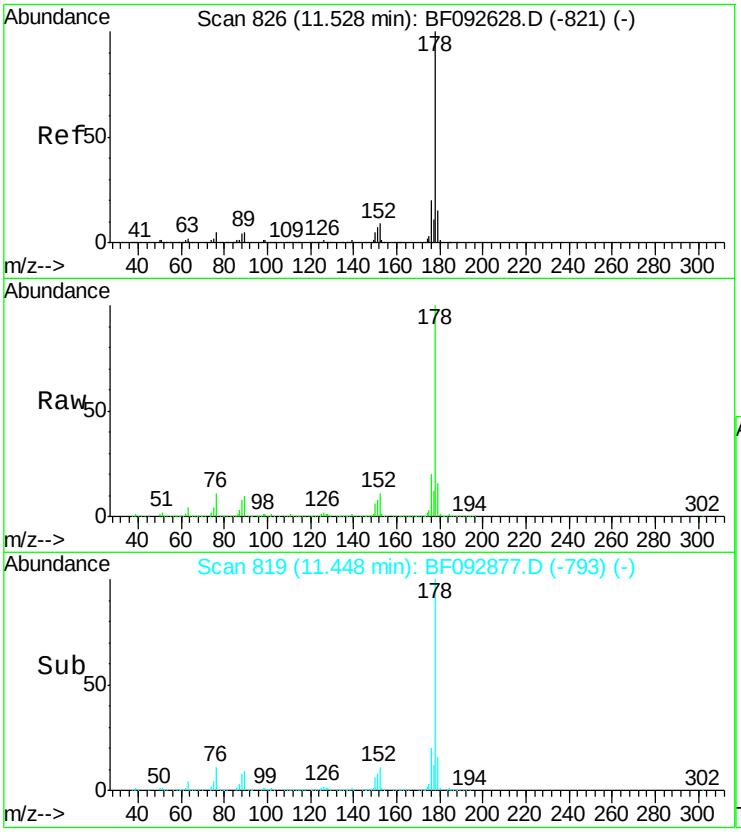


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:188 Resp: 525096

Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.0	15.0#
80	9.1	11.2	16.8#



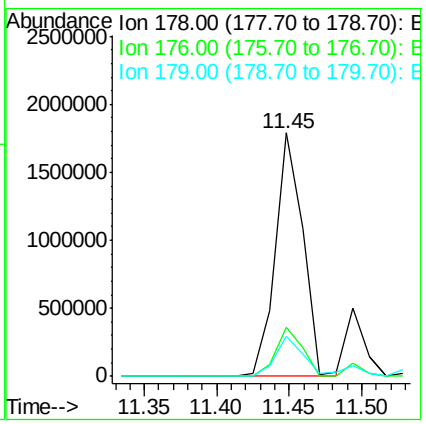


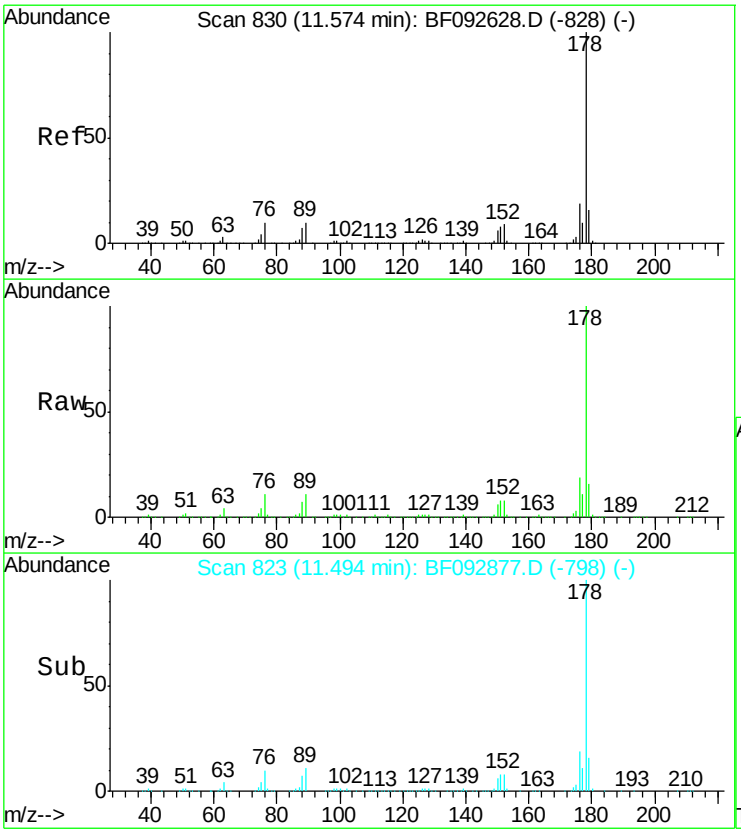
#70
Phenanthrene
Concen: 78.20 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:178 Resp: 2352667

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.4	12.8	19.2

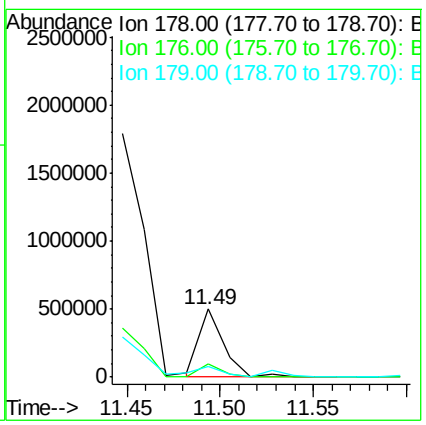


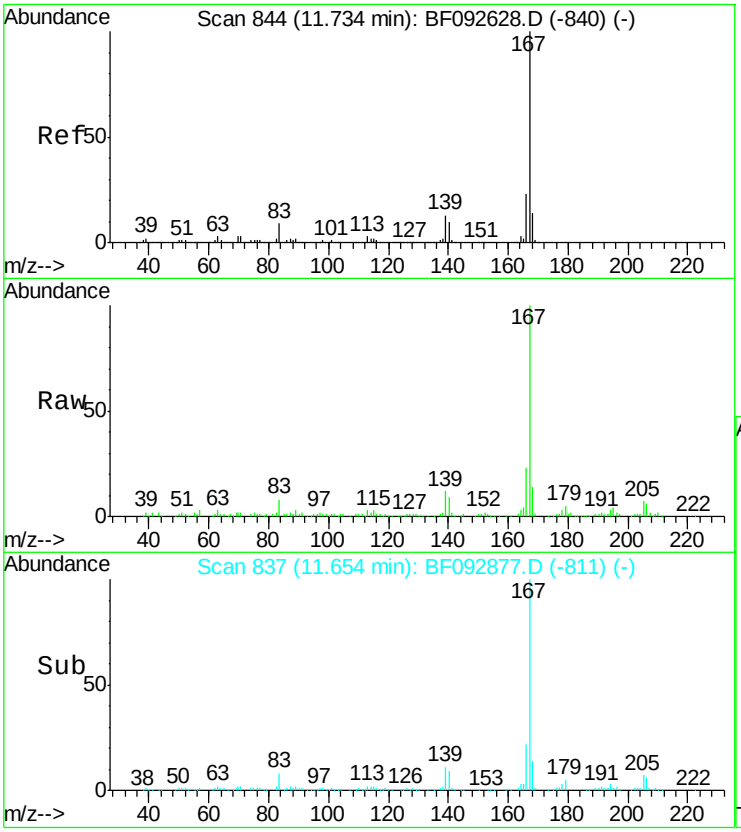


#71
Anthracene
Concen: 15.11 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:178 Resp: 456391

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.8	13.2	19.8



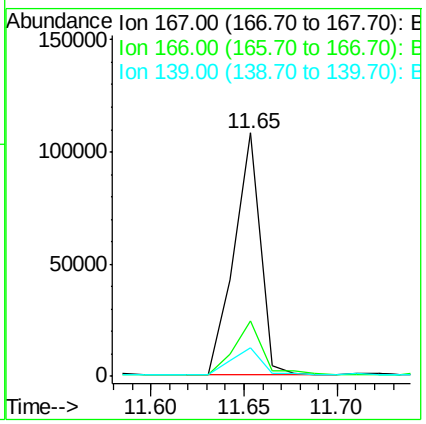


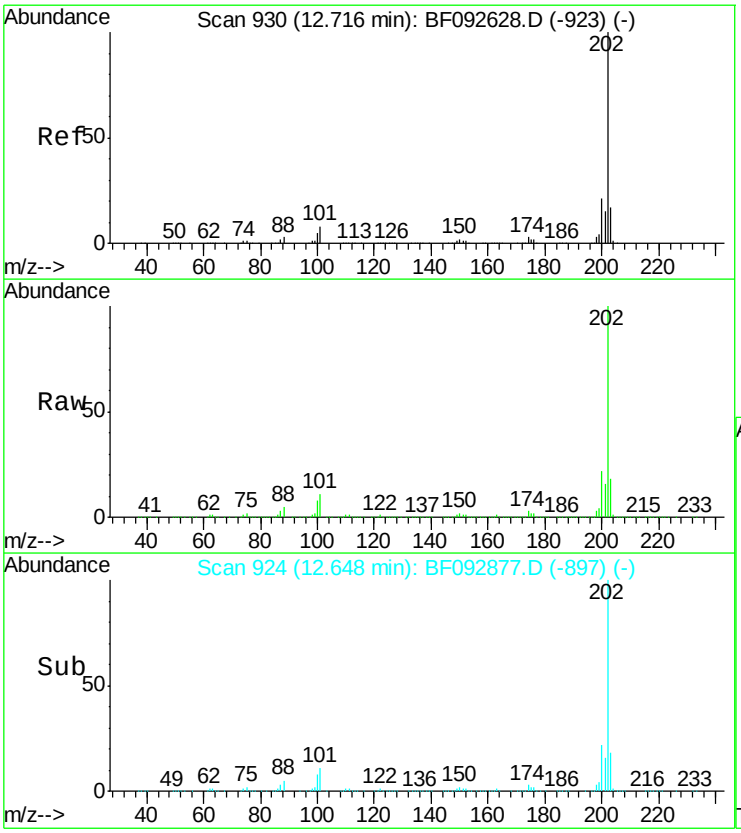
#72
Carbazole
Concen: 3.70 ng
RT: 11.65 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:167 Resp: 106933

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	11.6	11.4	17.2

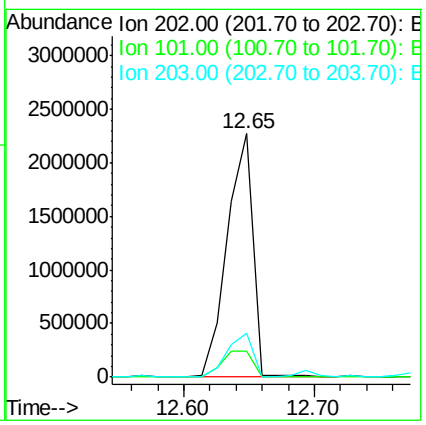


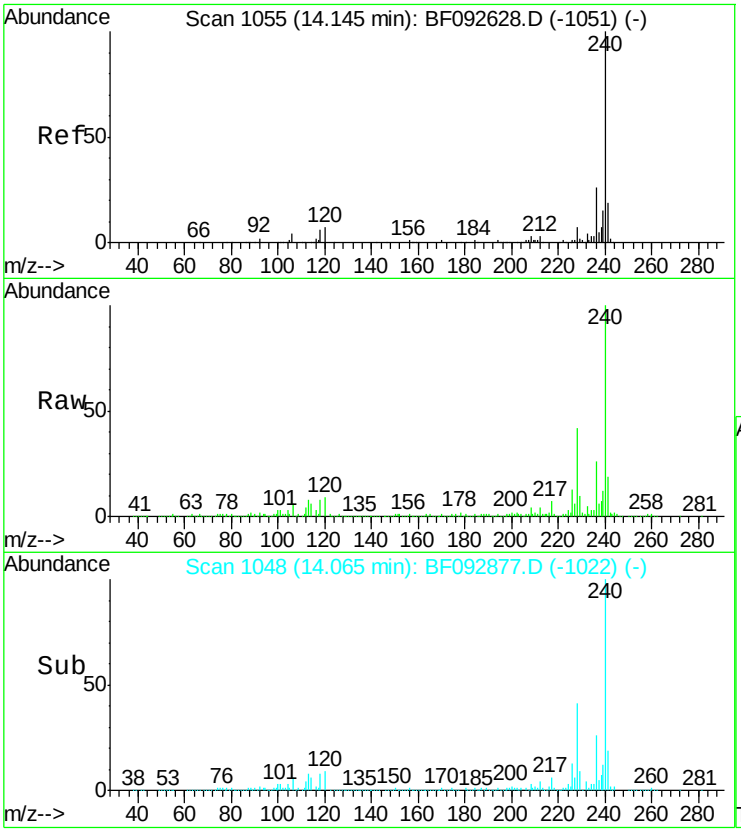


#74
Fluoranthene
Concen: 98.71 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:202 Resp: 3063111

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.6
203	18.3	0.0	38.7



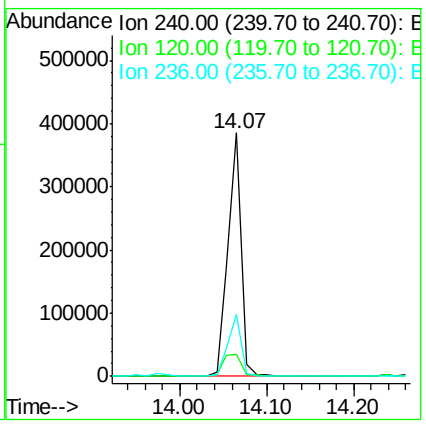


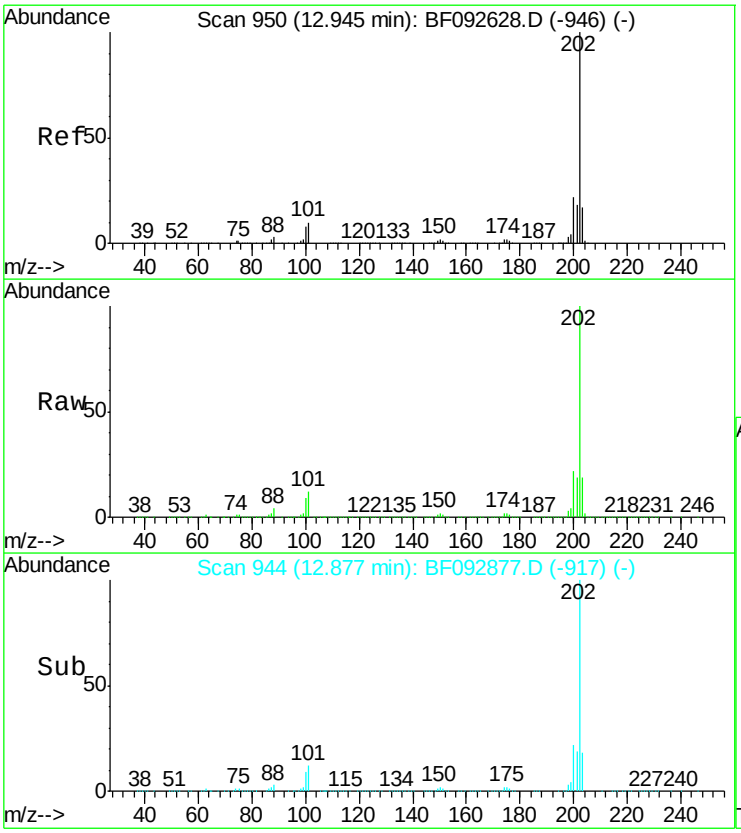
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:240 Resp: 406828

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.6	20.9	31.3

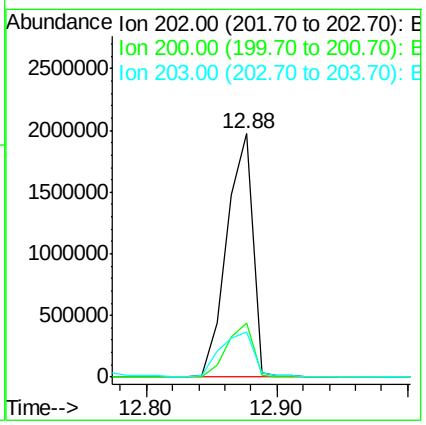


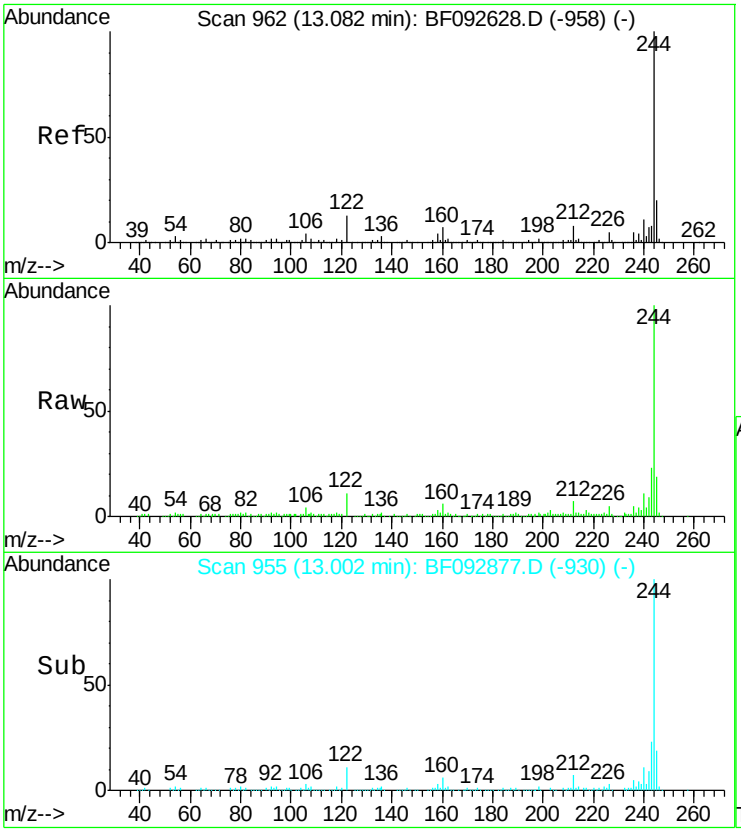


#77
Pyrene
Concen: 88.99 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:202 Resp: 2709502

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.6	14.7	22.1



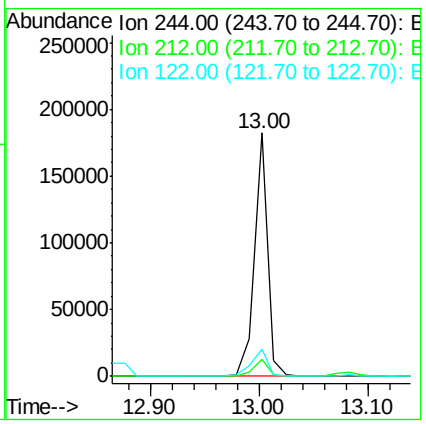


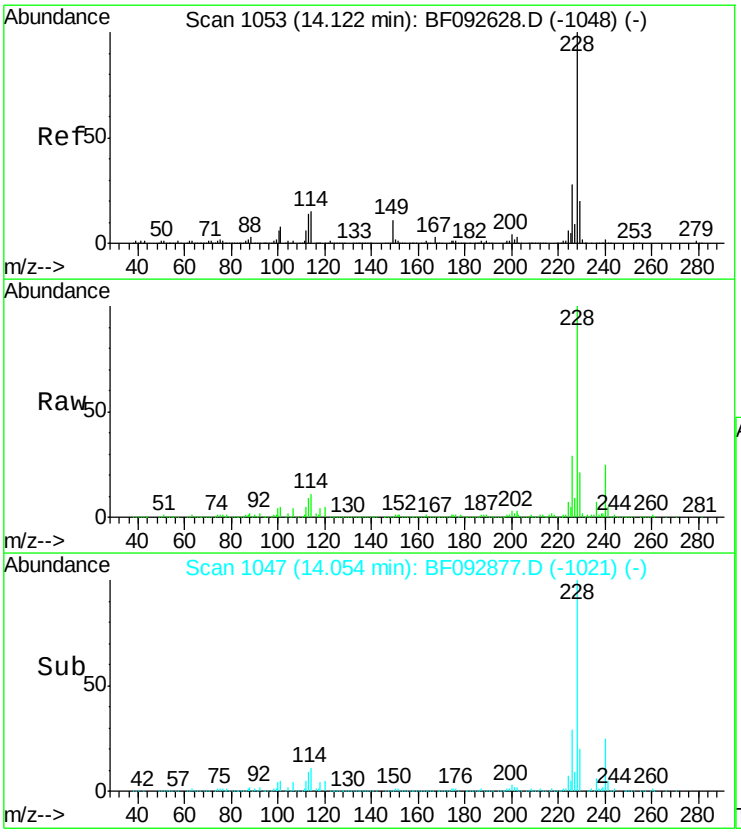
#78
Terphenyl-d14
Concen: 8.97 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:244 Resp: 155268

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	11.0	11.4	17.2#

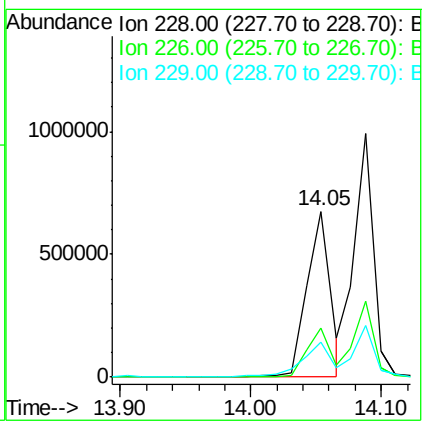


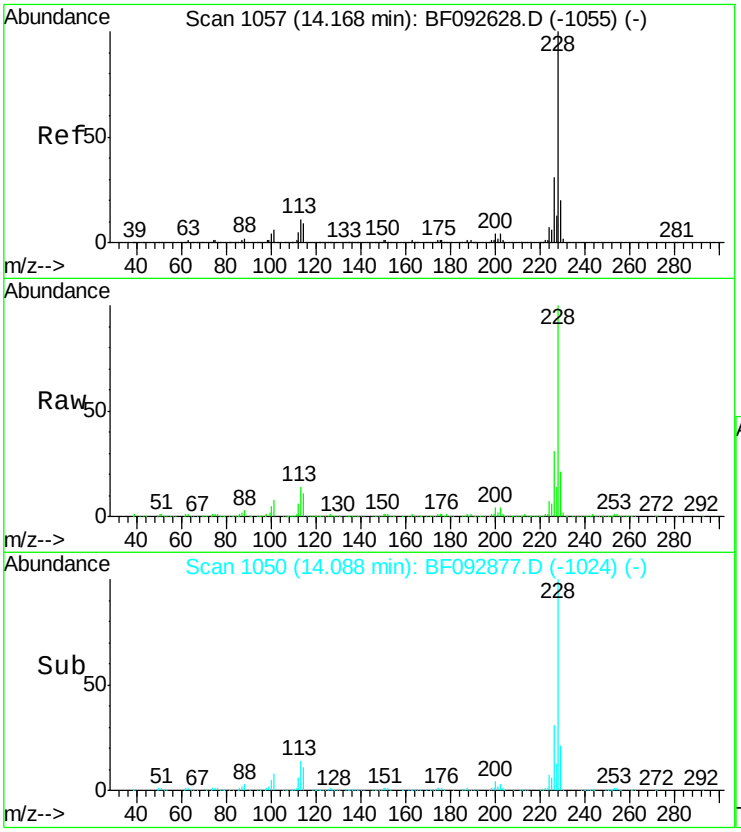


#80
Benzo(a)anthracene
Concen: 34.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:228 Resp: 845902

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.4	33.6
229	20.8	16.2	24.4



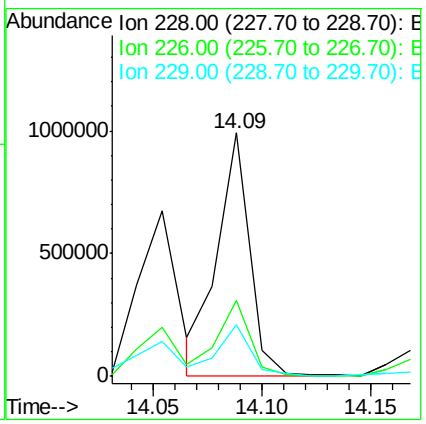


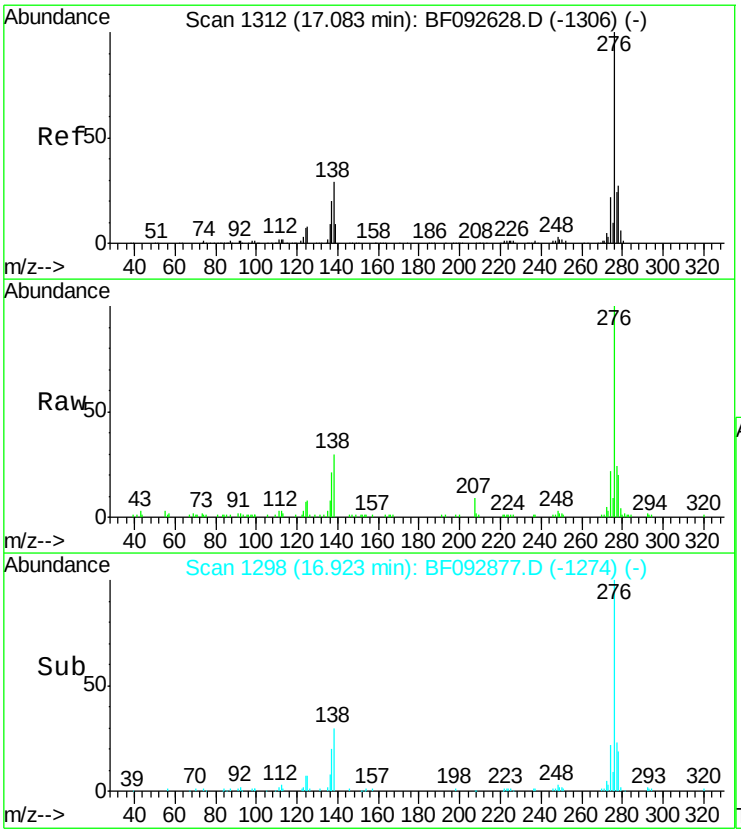
#82
Chrysene
Concen: 43.53 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:228 Resp: 1014178

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	21.3	16.2	24.2

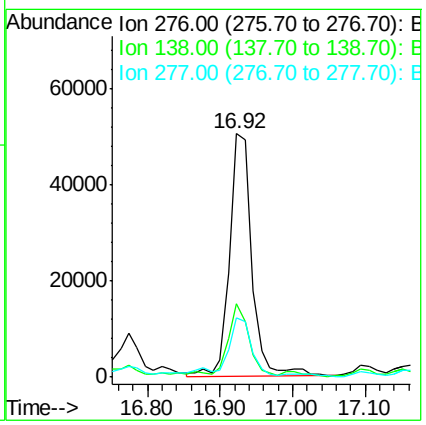


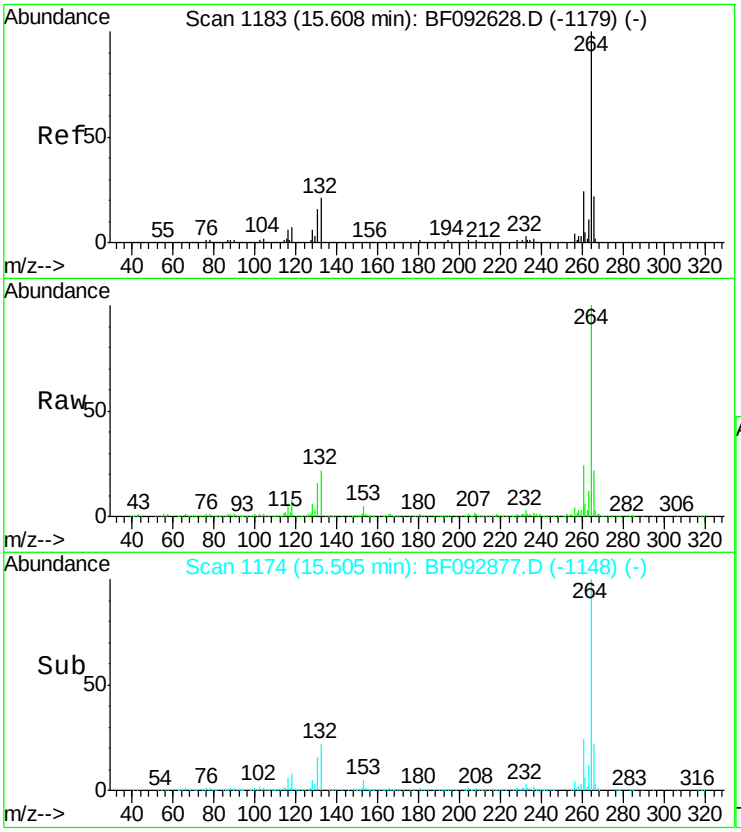


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.99 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:276 Resp: 108146

Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.6
277	26.6	20.2	30.4



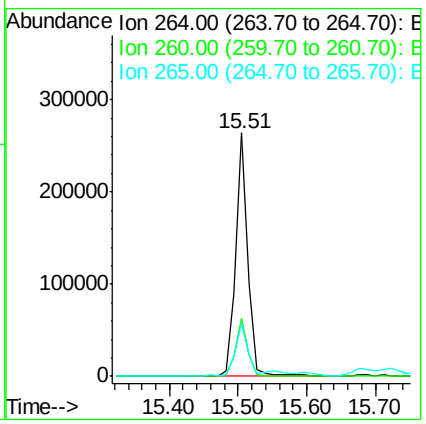


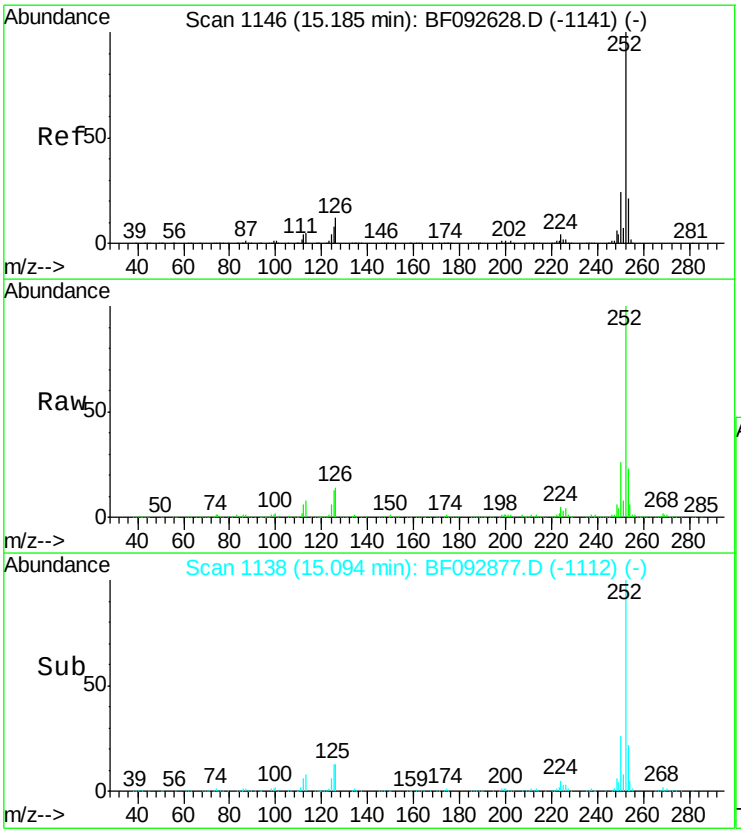
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:264 Resp: 328751

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.4	26.0

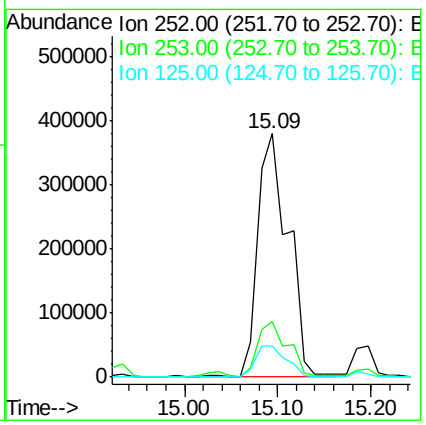


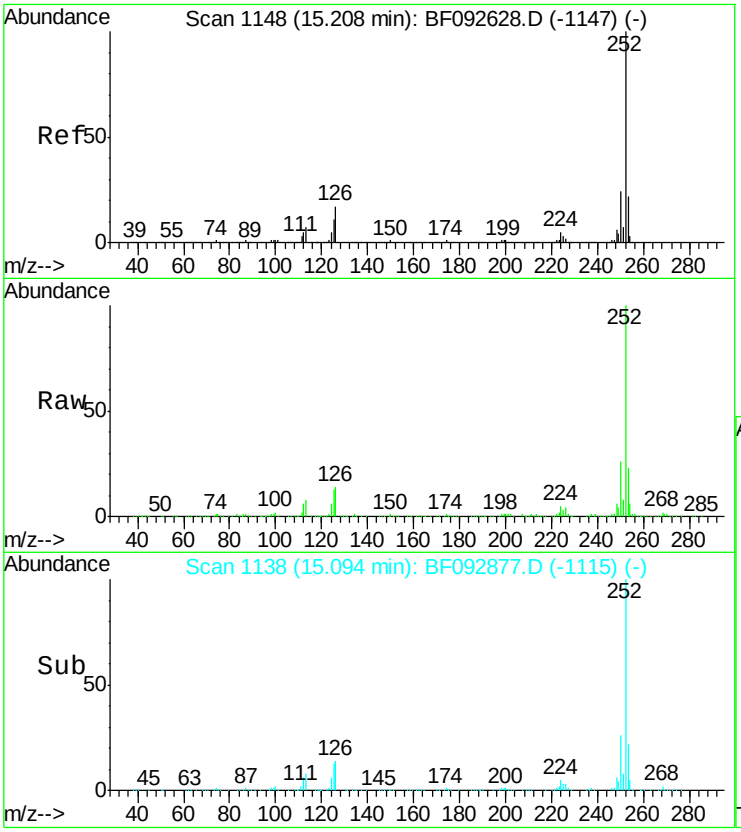


#87
Benzo(b)fluoranthene
Concen: 39.36 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:252 Resp: 851703

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.8	9.8	14.6



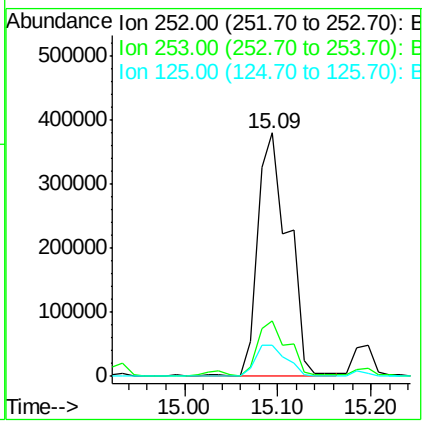


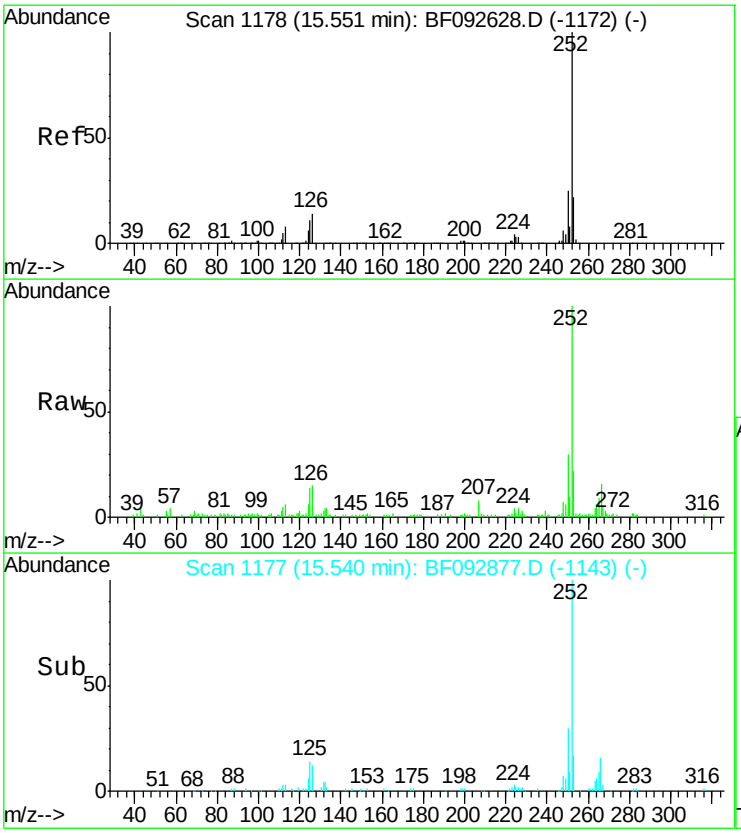
#88
Benzo(k)fluoranthene
Concen: 45.59 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:252 Resp: 851703

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	12.8	8.9	13.3

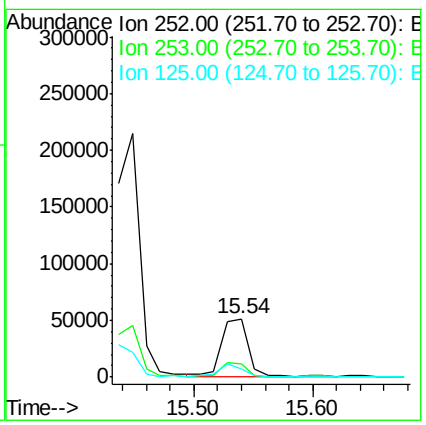


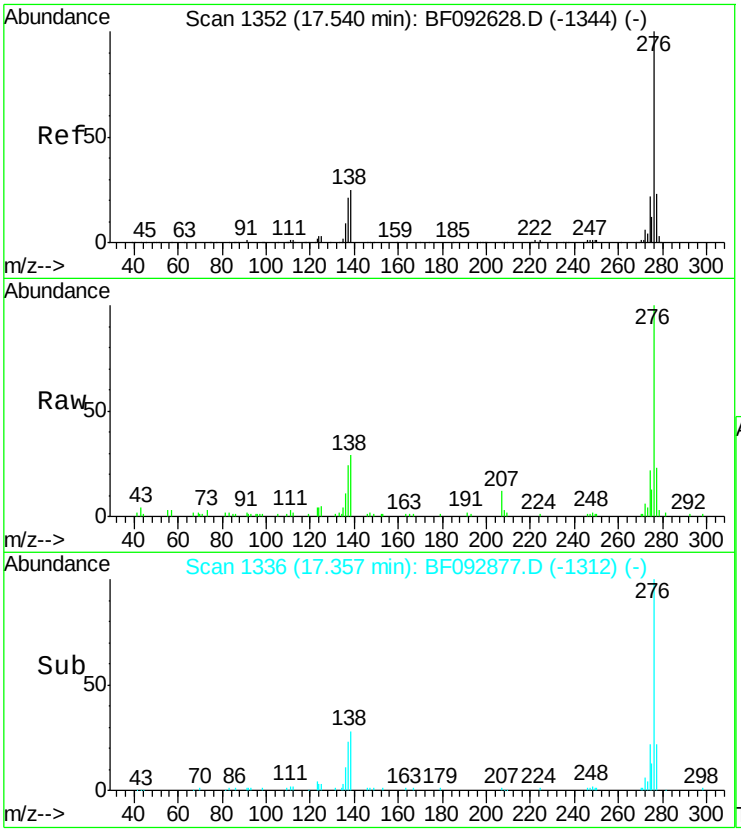


#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:252 Resp: 76793

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.5	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 5.14 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:276 Resp: 78477

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	29.3	16.0	24.0#