Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092661.D
Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EDC-HPRR-S3C3

Quant Time: Jan 31 06:04:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152283	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	567124	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	256492	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	379456	20.00	ng		0.01
75) Chrysene-d12	14.15	240	300940	20.00	ng		0.00
86) Perylene-d12	15.62	264	241194	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	778936	87.76	ng		0.00
7) Phenol-d6	6.60	99	889032	77.84	ng		0.00
23) Nitrobenzene-d5	7.53	82	564733	55.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	143874	77.56	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	964677	68.14	ng		0.00
78) Terphenyl-d14	13.08	244	662150	51.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	46674	3.49	ng		80
22) Acetophenone	7.36	105	38873	3.00	ng	#	53
31) Naphthalene	8.27	128	79264	2.76	ng	#	88
32) Benzoic acid	8.04	122	2259	7.55	ng	#	29
35) Caprolactam	8.67	113	22190	8.66	ng	#	1
37) 2-Methylnaphthalene	8.97	142	62864	3.41	ng		96
49) Dimethylphthalate	9.72	163	124018	7.18	ng	#	92
51) Acenaphthene	10.04	154	53985	3.60	ng		93
53) 2,4-Dinitrophenol	10.04	184	207	4.84	ng	#	1
54) Dibenzofuran	10.21	168	48580	2.42	ng	#	74
57) Fluorene	10.56	166	63615	4.12	ng	#	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	400	2.83	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	41695	3.44	ng	#	53
68) Atrazine	11.37	200	7883	2.03	ng		81
69) Pentachlorophenol	11.13	266	796	7.56	ng	#	18
70) Phenanthrene	11.53	178	263794	12.13	ng		98
71) Anthracene	11.57	178	171128	7.84	ng		99
74) Fluoranthene	12.72	202	467422	20.84	ng		94
77) Pyrene	12.95	202	495780	22.01	ng		99
80) Benzo(a)anthracene	14.13	228	203790	11.07	ng	#	88
82) Chrysene	14.13	228	203790	11.83	ng	#	93
83) Bis(2-ethylhexyl)phthalate	14.11	149	139081	11.12	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	107757	8.07	ng		97
87) Benzo(b)fluoranthene	15.19	252	336705	21.21	ng	#	92
88) Benzo(k)fluoranthene	15.19	252	336705	24.56	ng	#	91
89) Benzo(a)pyrene	15.56	252	164181	11.96	ng	#	90
90) Dibenzo(a,h)anthracene	17.12	278	28828	2.60	ng	#	57
91) Benzo(g,h,i)perylene	17.56	276	113204	10.10	ng	#	89

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Jan 2017 3:55
Operator : SJ/MA
Sample : I1531-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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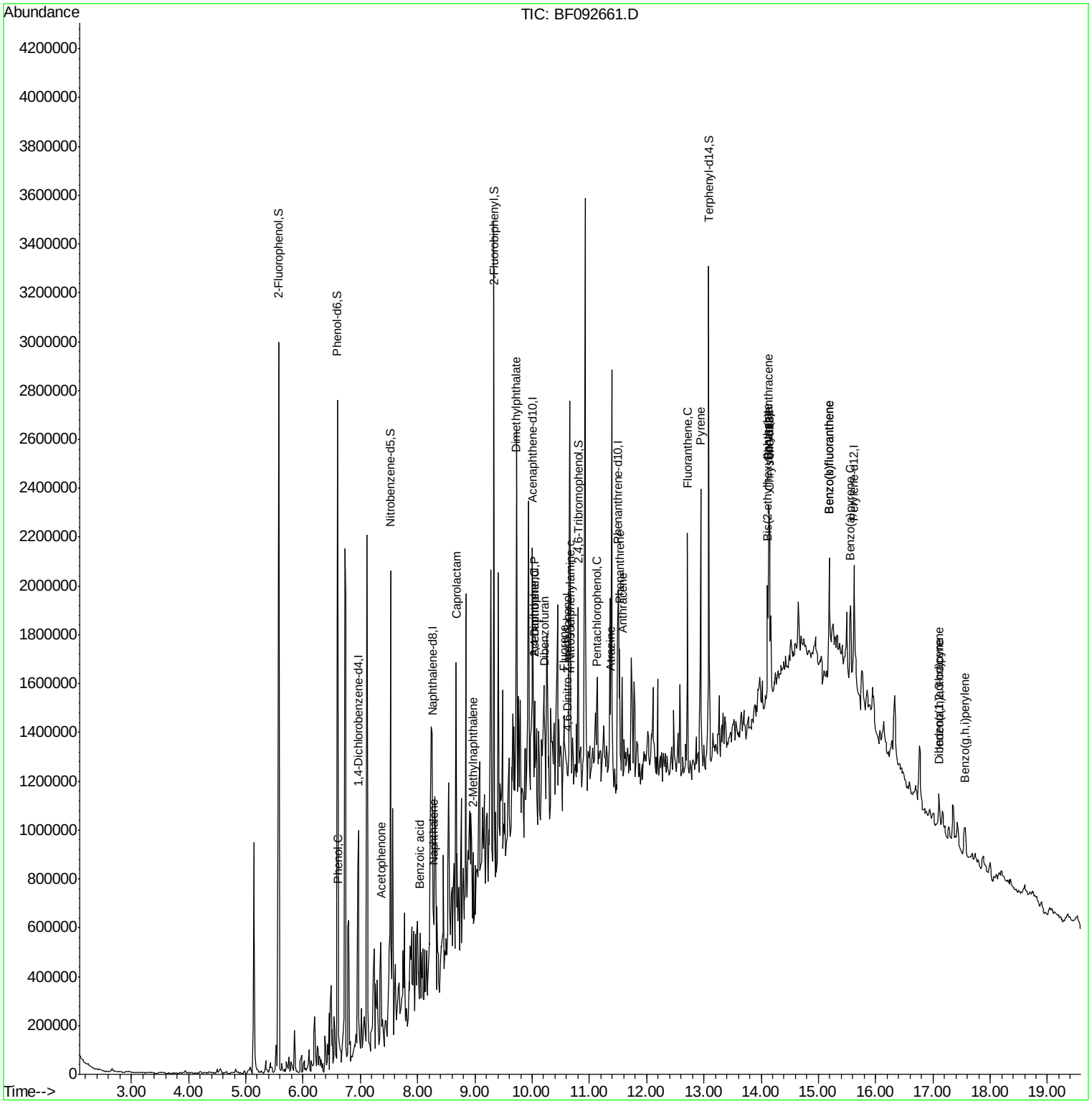
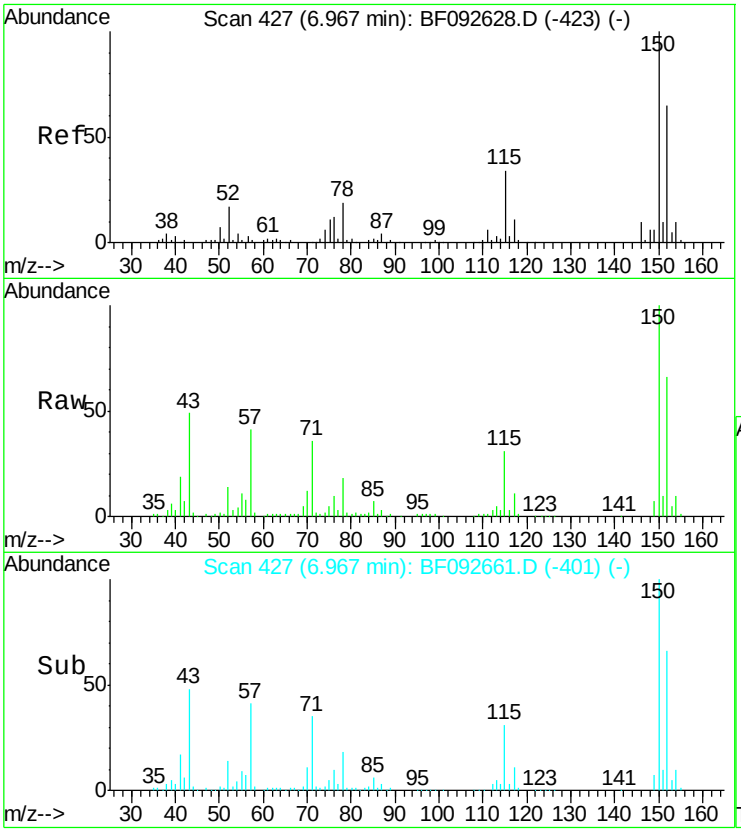
EDC-HPRR-S3C3

Quant Time: Jan 31 06:04:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration



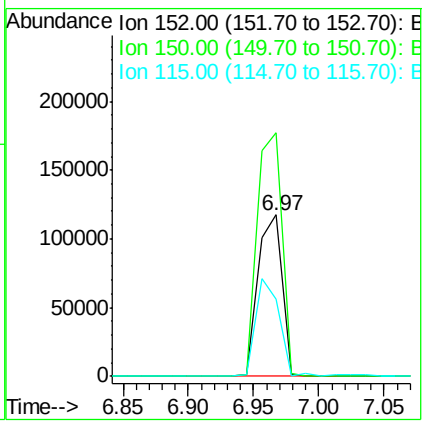


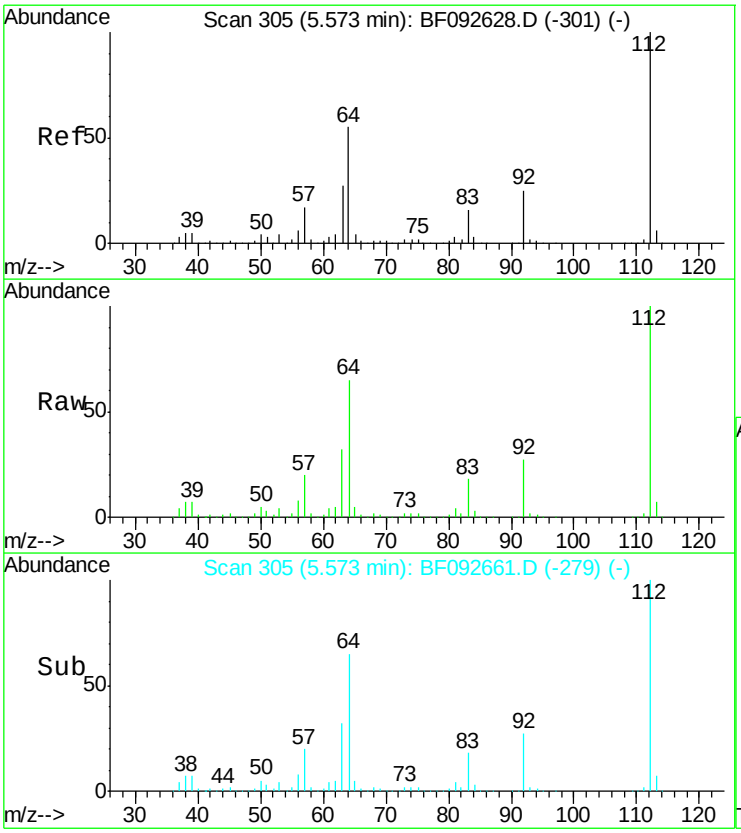
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:152 Resp: 152283

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.9	187.3
115	47.4	46.0	69.0

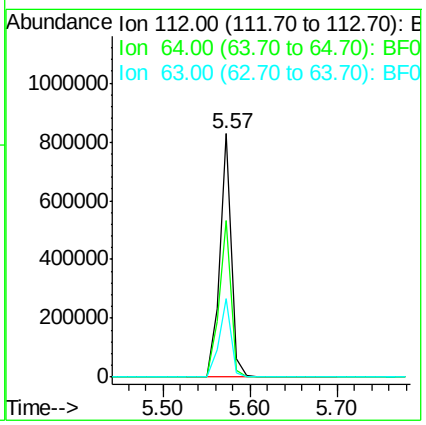


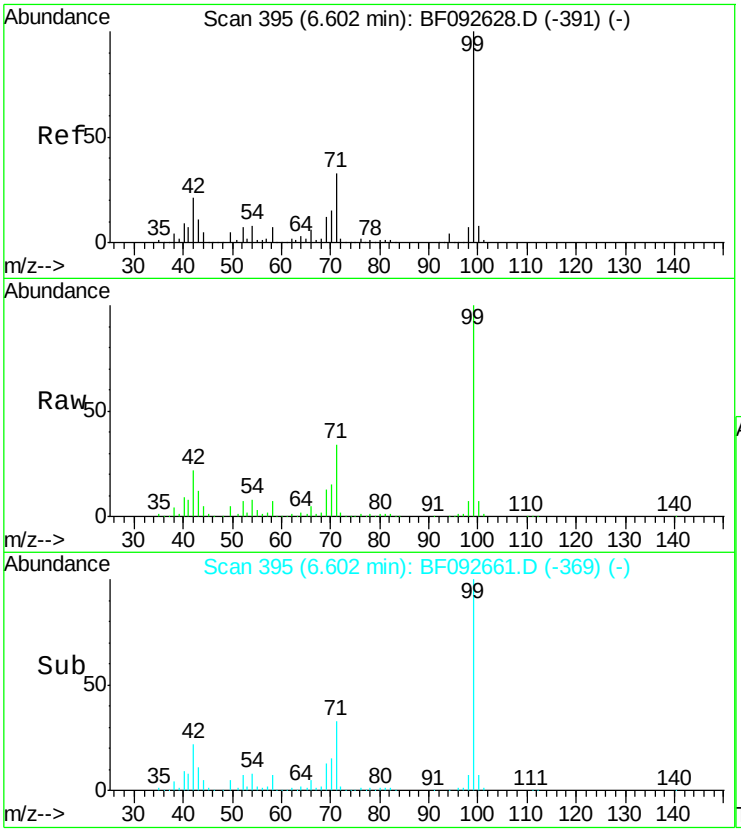


#5
2-Fluorophenol
Concen: 87.76 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:112 Resp: 778936

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	32.4	23.8	35.6



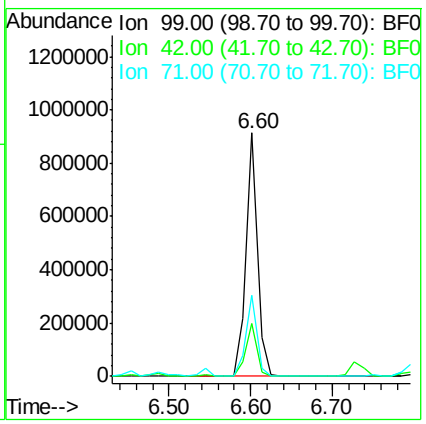


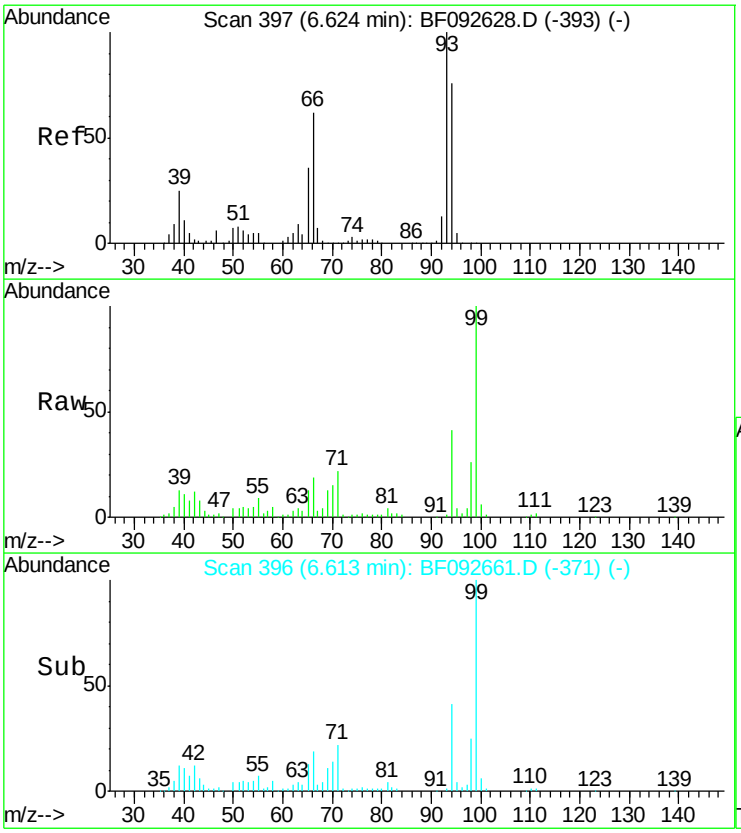
#7
Phenol-d6
Concen: 77.84 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion: 99 Resp: 889032

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.6	23.4
71	33.5	27.5	41.3

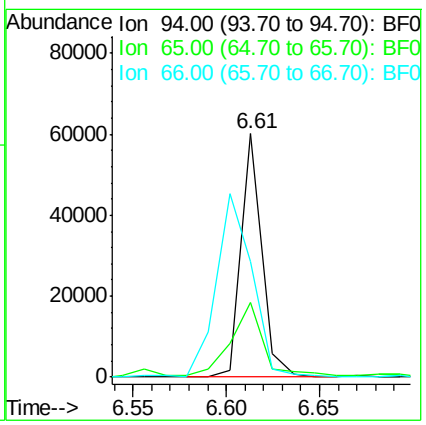


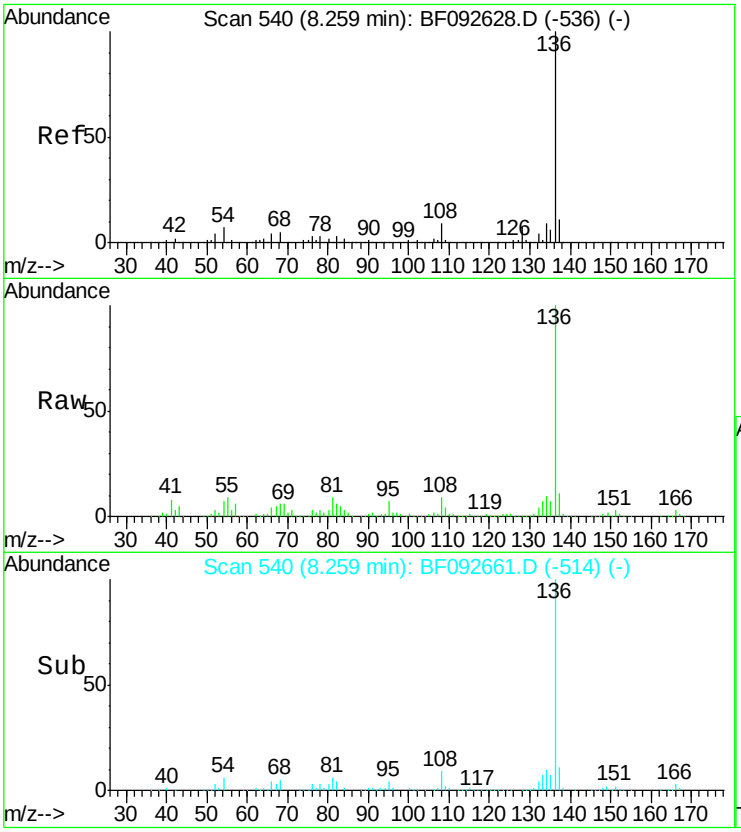


#10
Phenol
Concen: 3.49 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion: 94 Resp: 46674

Ion	Ratio	Lower	Upper
94	100		
65	30.5	21.4	61.4
66	47.2	44.0	84.0



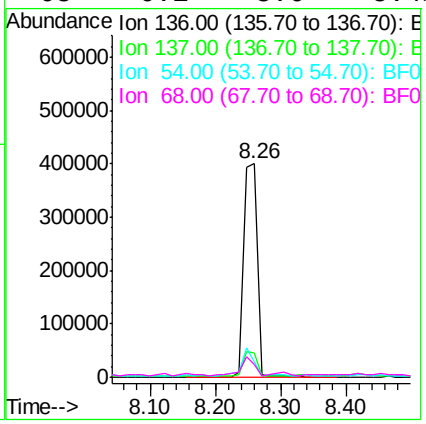


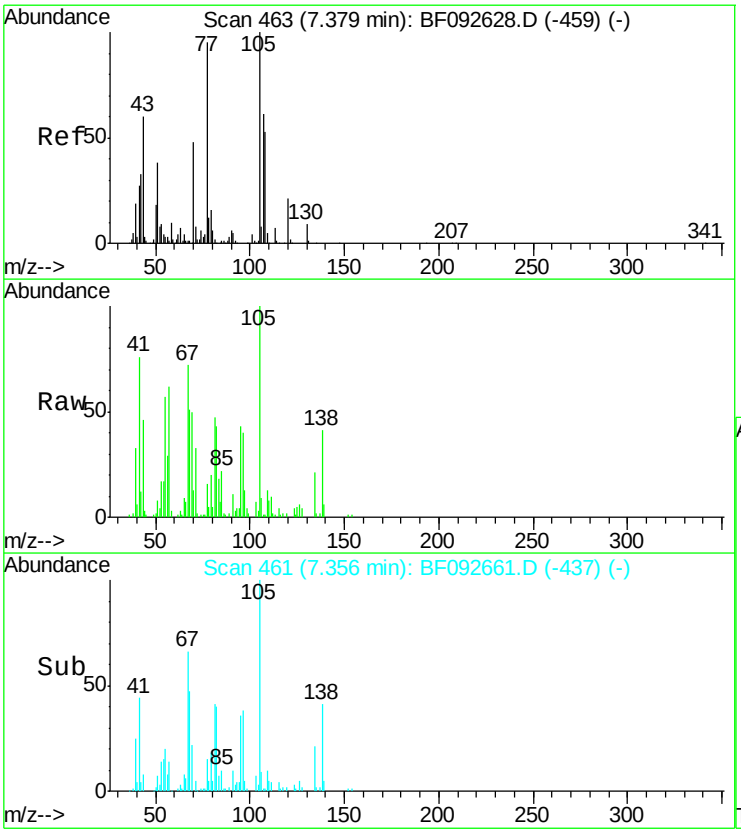
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:136 Resp: 567124

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.2	4.5	6.7#
68	6.1	3.6	5.4#

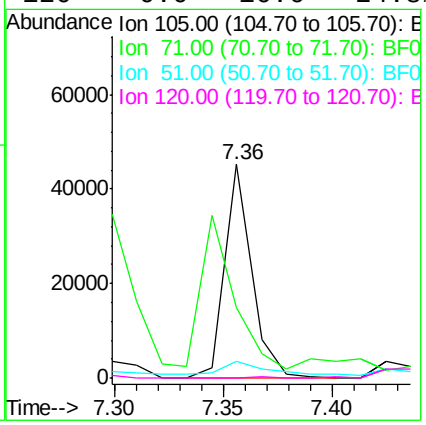


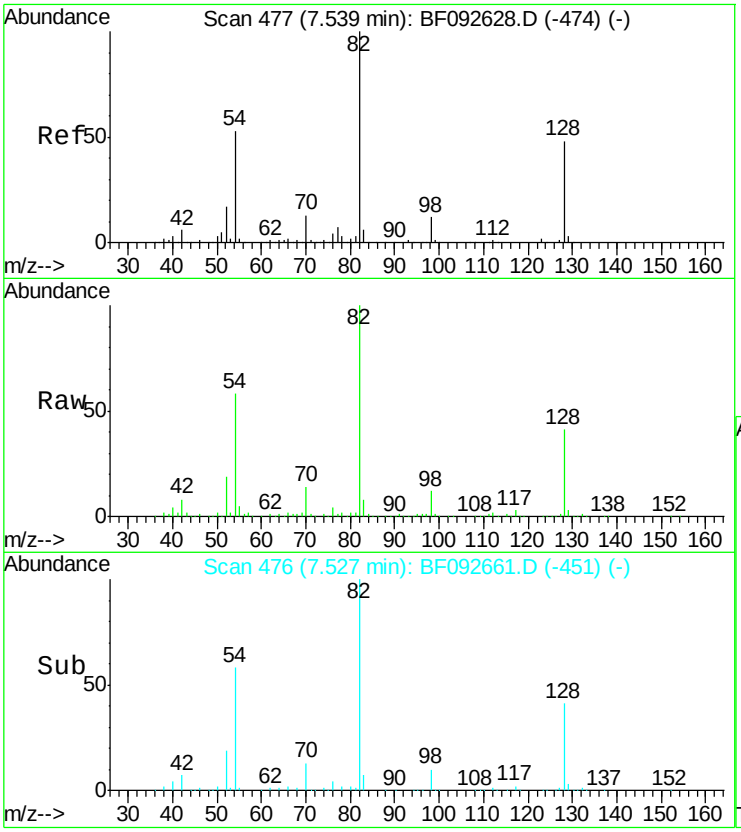


#22
Acetophenone
Concen: 3.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:105 Resp: 38873

Ion	Ratio	Lower	Upper
105	100		
71	33.0	3.2	4.8#
51	8.0	26.2	39.4#
120	0.0	16.6	24.8#



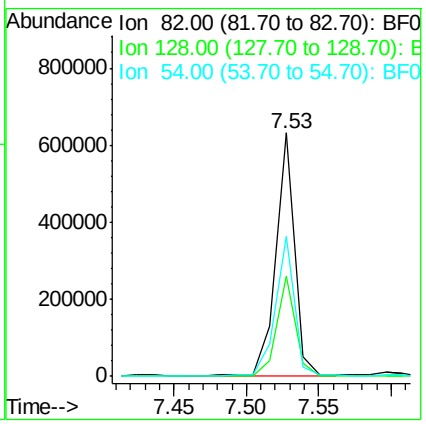


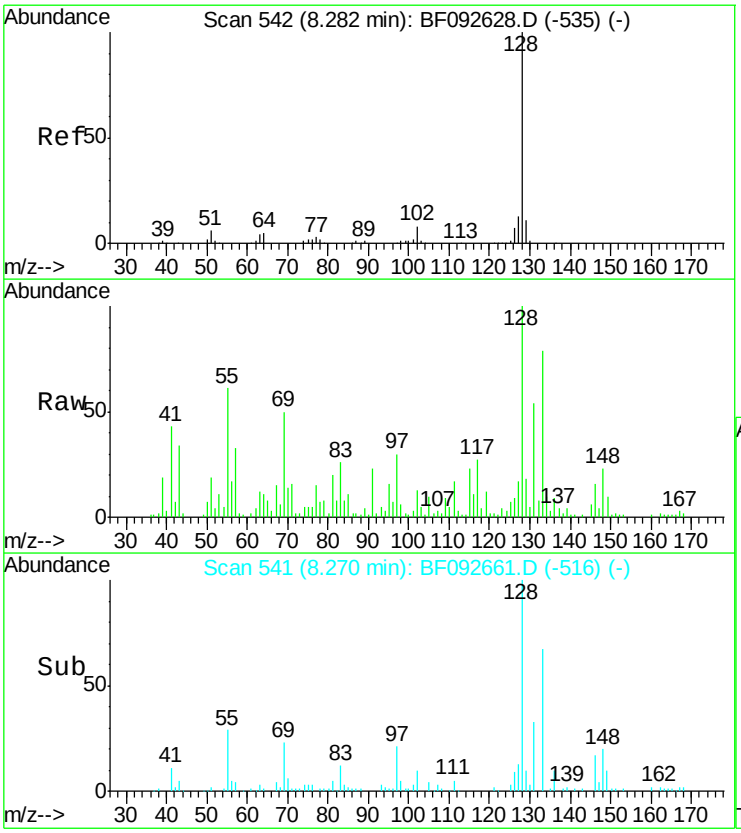
#23
Nitrobenzene-d5
Concen: 55.45 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion: 82 Resp: 564733

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	57.6	39.5	59.3

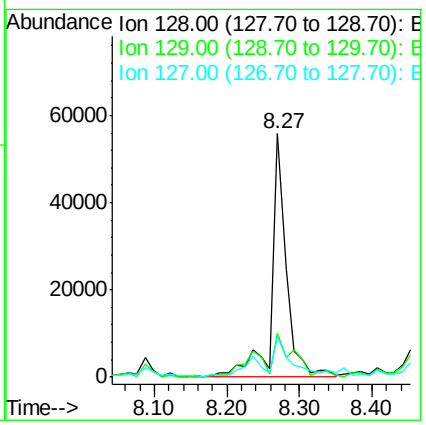


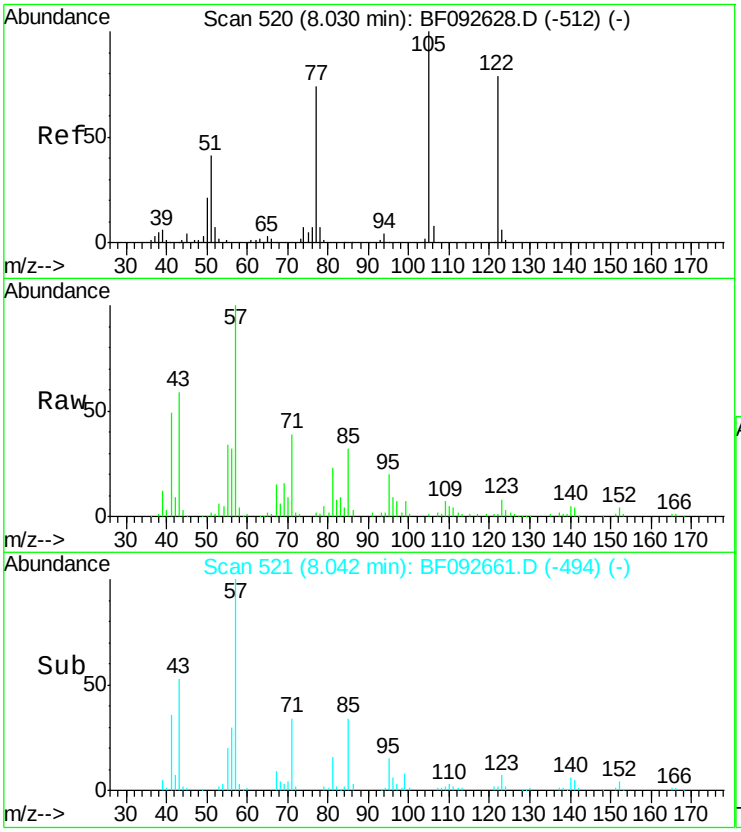


#31
Naphthalene
Concen: 2.76 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:128 Resp: 79264

Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.5	14.3#
127	16.7	10.8	16.2#



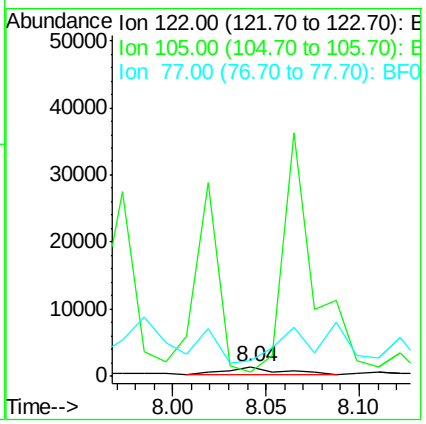


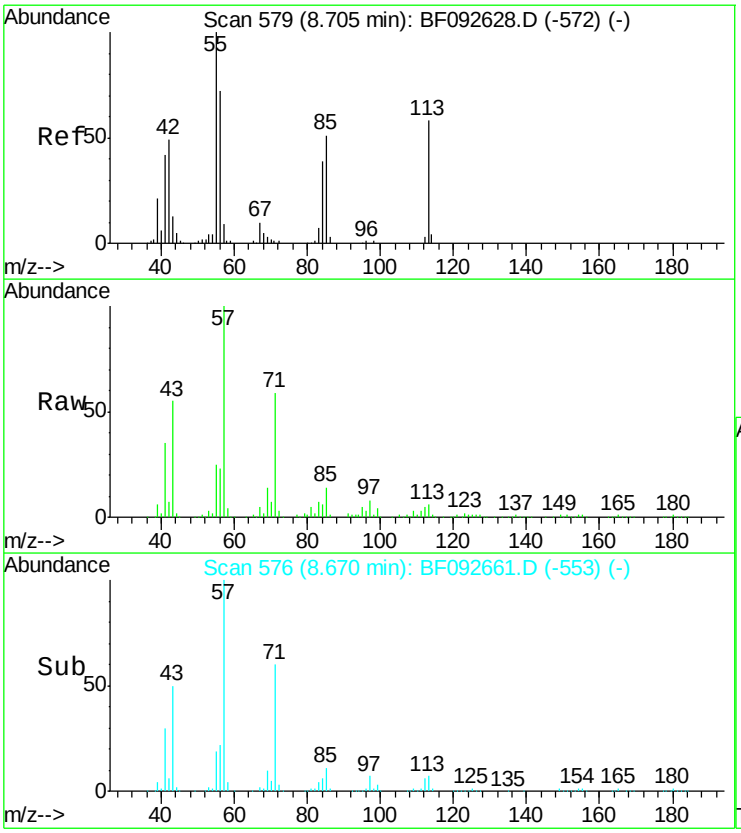
#32
Benzoic acid
Concen: 7.55 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:122 Resp: 2259

Ion	Ratio	Lower	Upper
122	100		
105	47.7	107.2	147.2#
77	164.9	74.5	114.5#

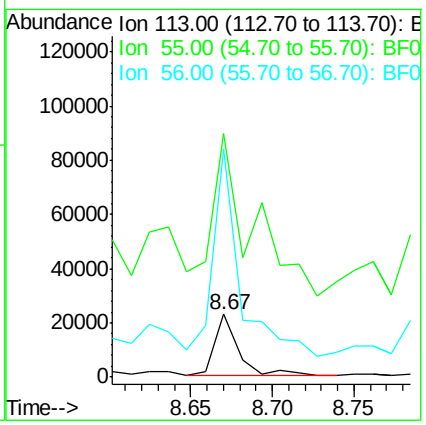


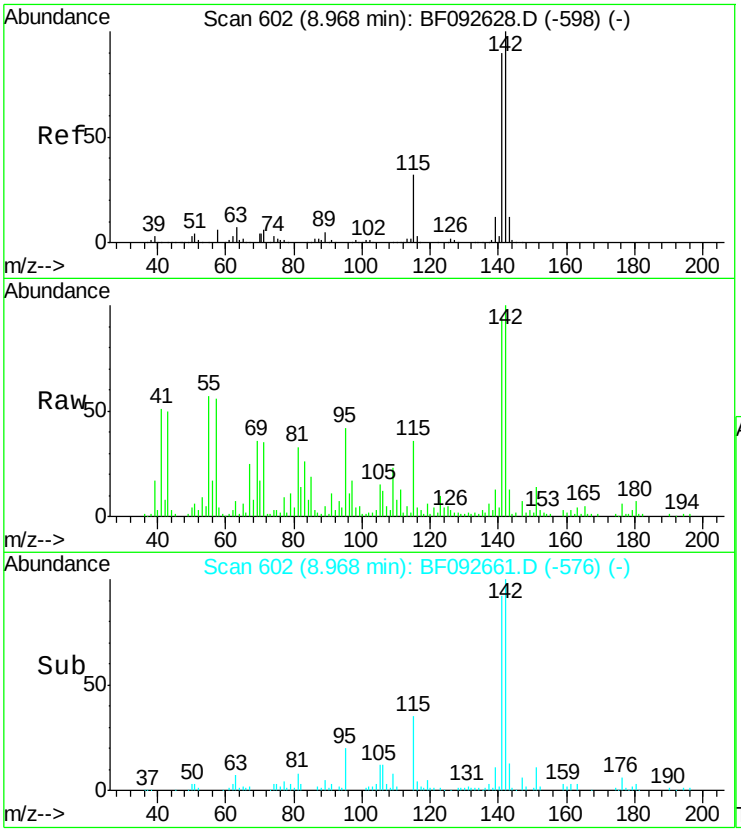


#35
Caprolactam
Concen: 8.66 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:113 Resp: 22190

Ion	Ratio	Lower	Upper
113	100		
55	386.7	119.2	159.2#
56	361.9	83.8	123.8#



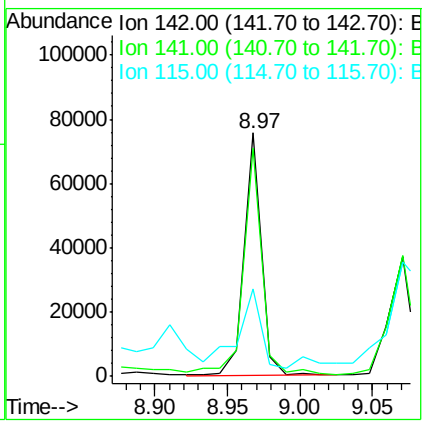


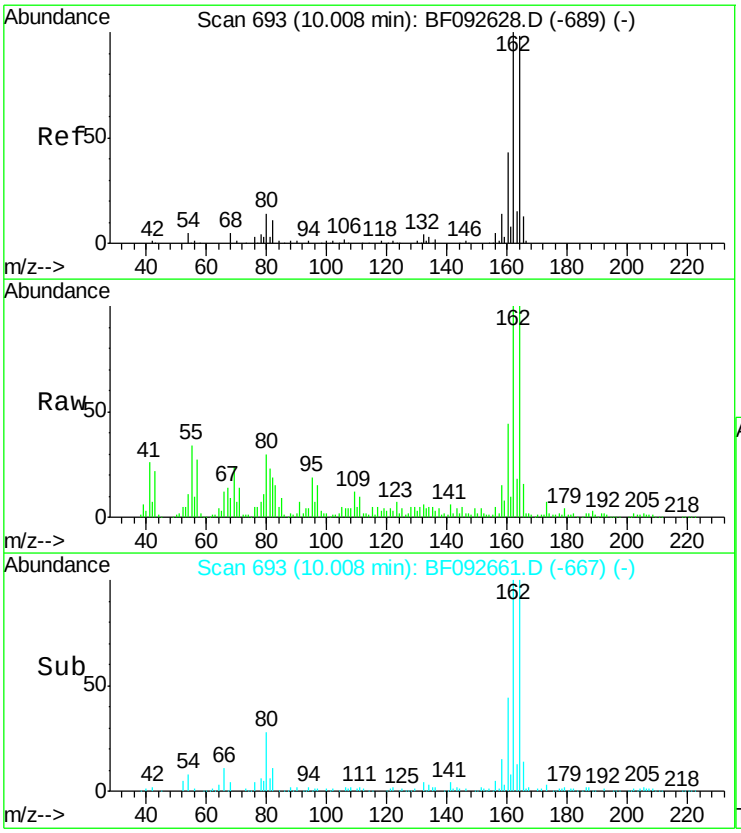
#37
2-Methylnaphthalene
Concen: 3.41 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:142 Resp: 62864

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.0	106.6
115	35.8	28.3	42.5

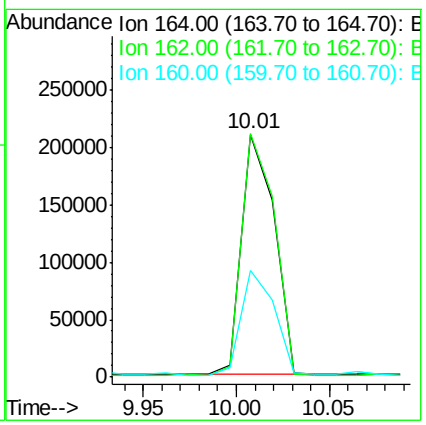


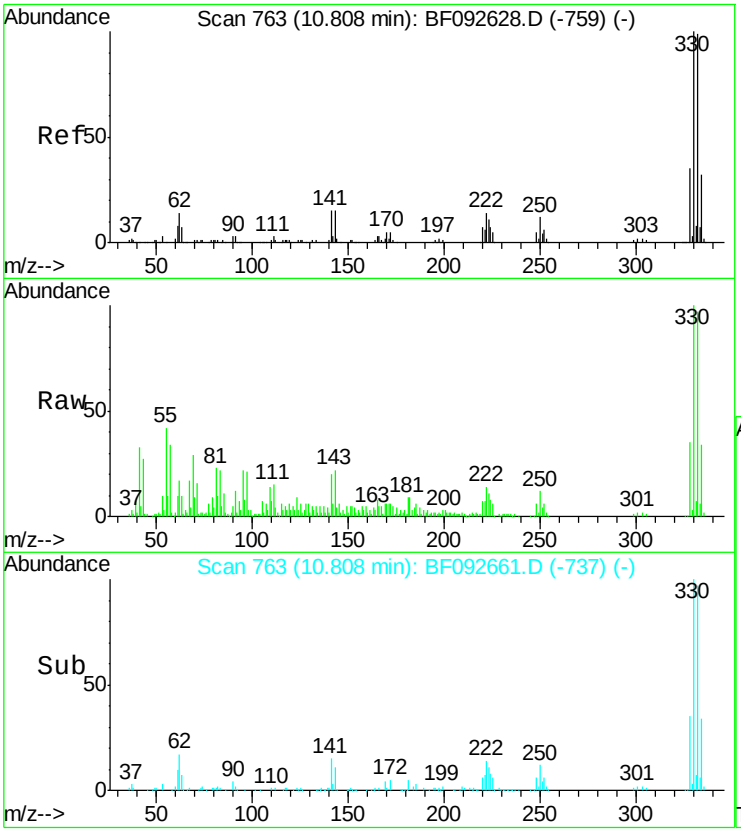


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:164 Resp: 256492

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	43.8	36.9	55.3



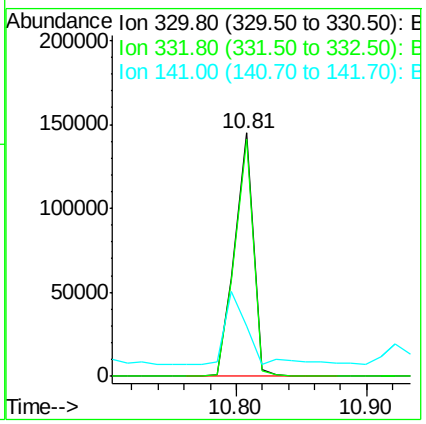


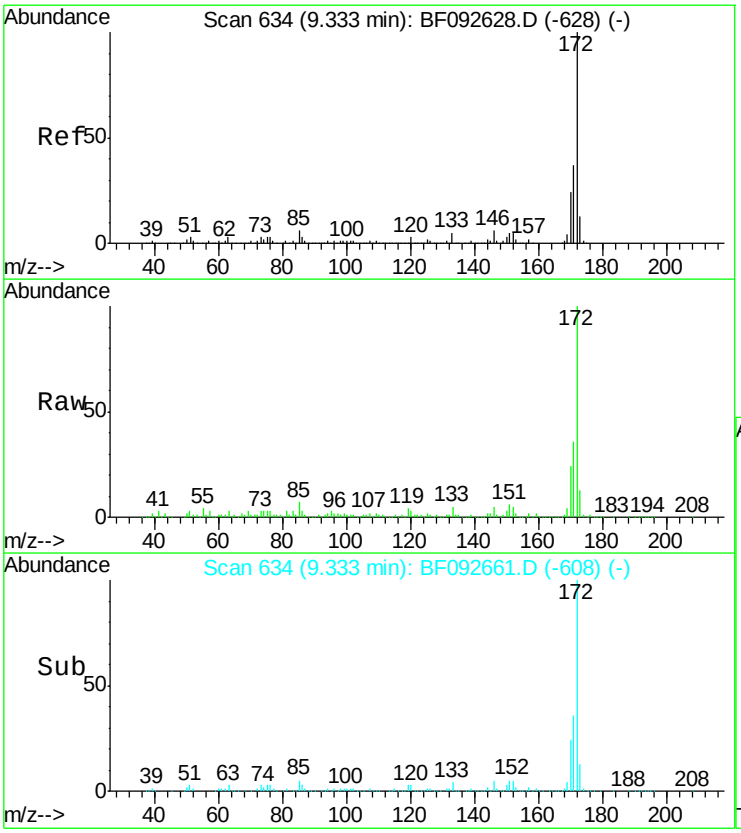
#41
2,4,6-Tribromophenol
Concen: 77.56 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:330 Resp: 143874

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	35.3	34.1	51.1

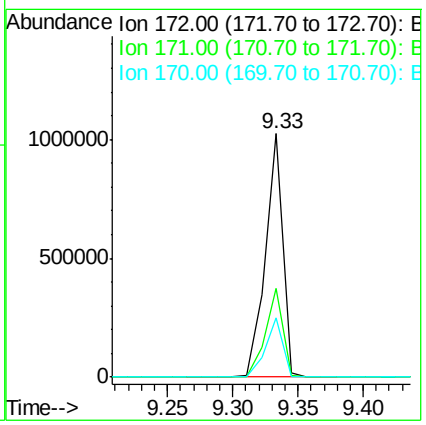


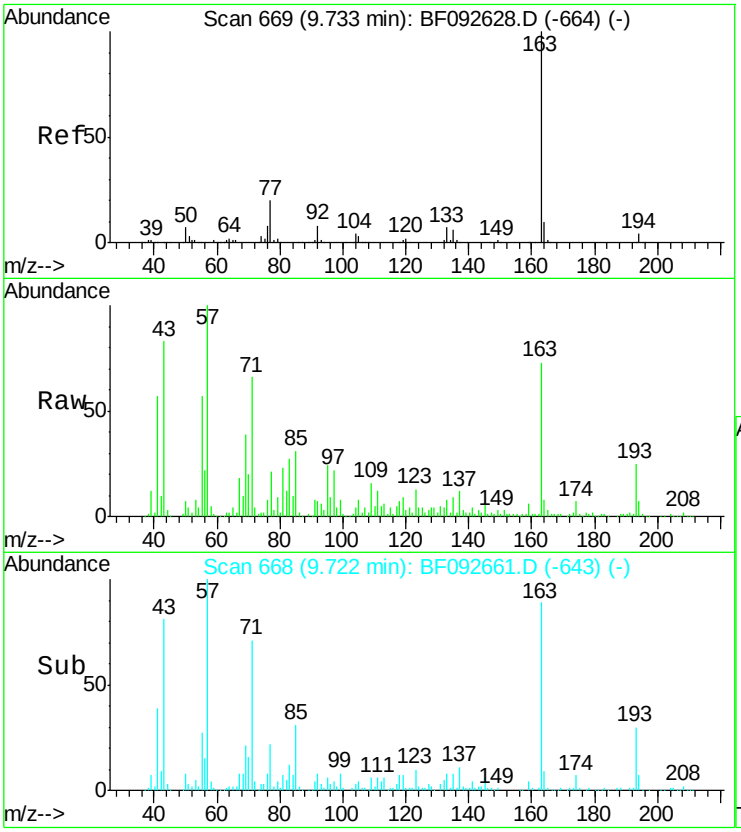


#44
2-Fluorobiphenyl
Concen: 68.14 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:172 Resp: 964677

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.1	20.2	30.4



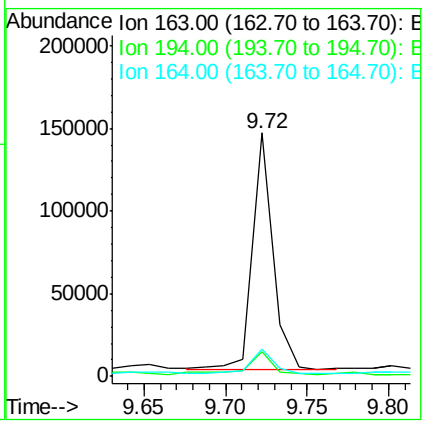


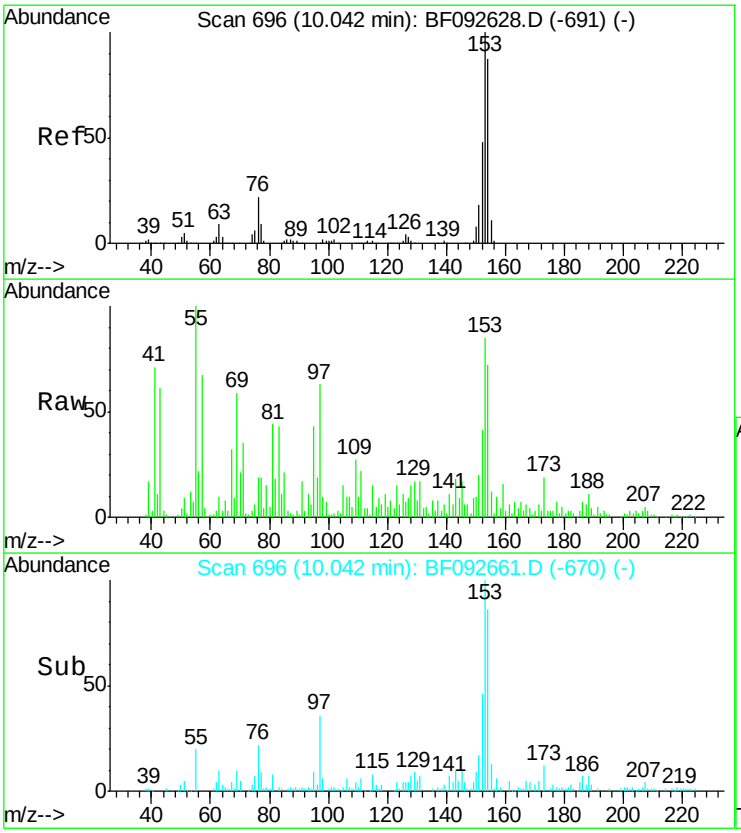
#49
Dimethylphthalate
Concen: 7.18 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:163 Resp: 124018

Ion	Ratio	Lower	Upper
163	100		
194	10.0	3.0	4.4#
164	11.3	8.0	12.0

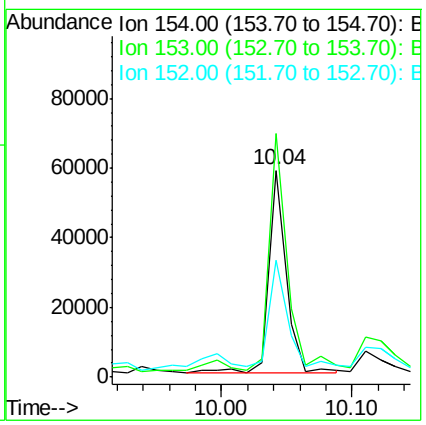


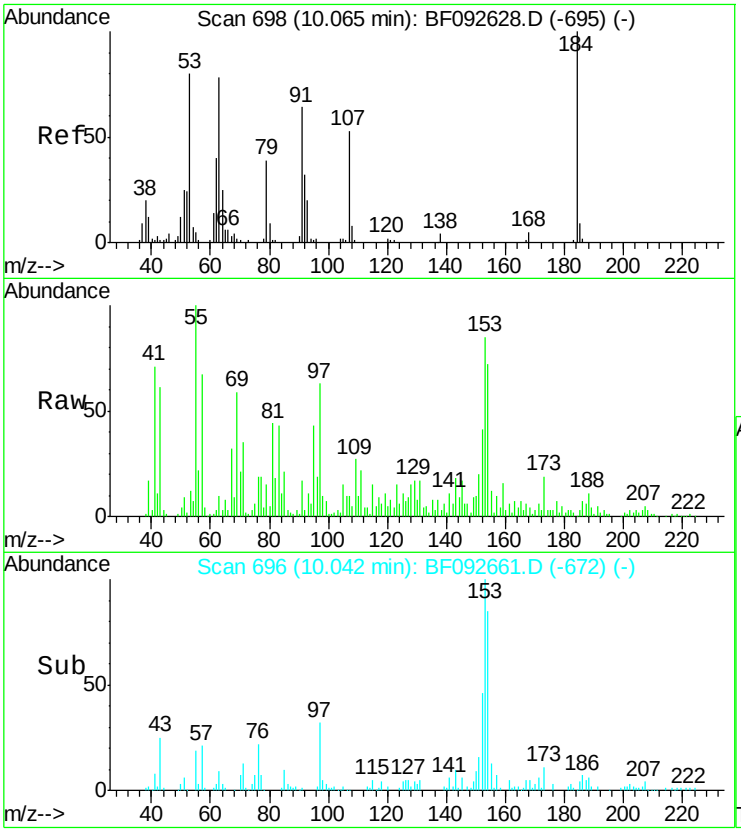


#51
Acenaphthene
Concen: 3.60 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:154 Resp: 53985

Ion	Ratio	Lower	Upper
154	100		
153	117.7	88.6	133.0
152	56.7	41.6	62.4



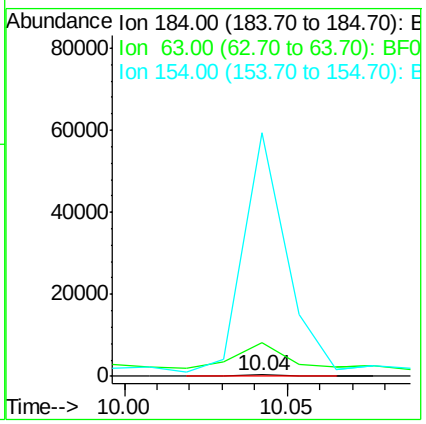


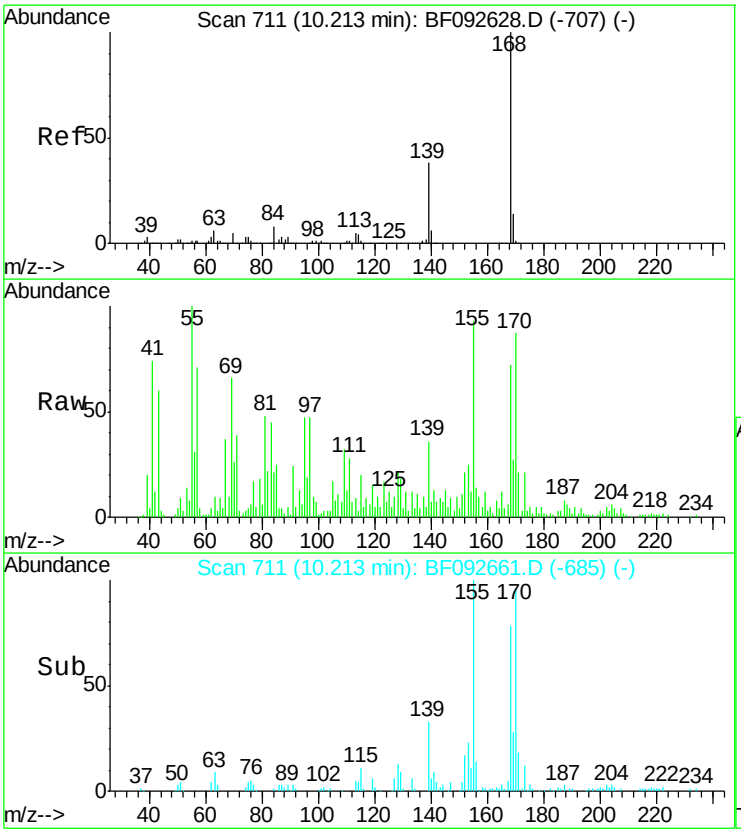
#53
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:184 Resp: 207

Ion	Ratio	Lower	Upper
184	100		
63	2752.6	28.4	42.6#
154	19658.3	44.3	66.5#

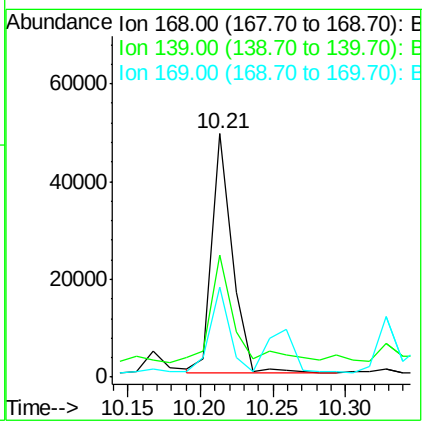


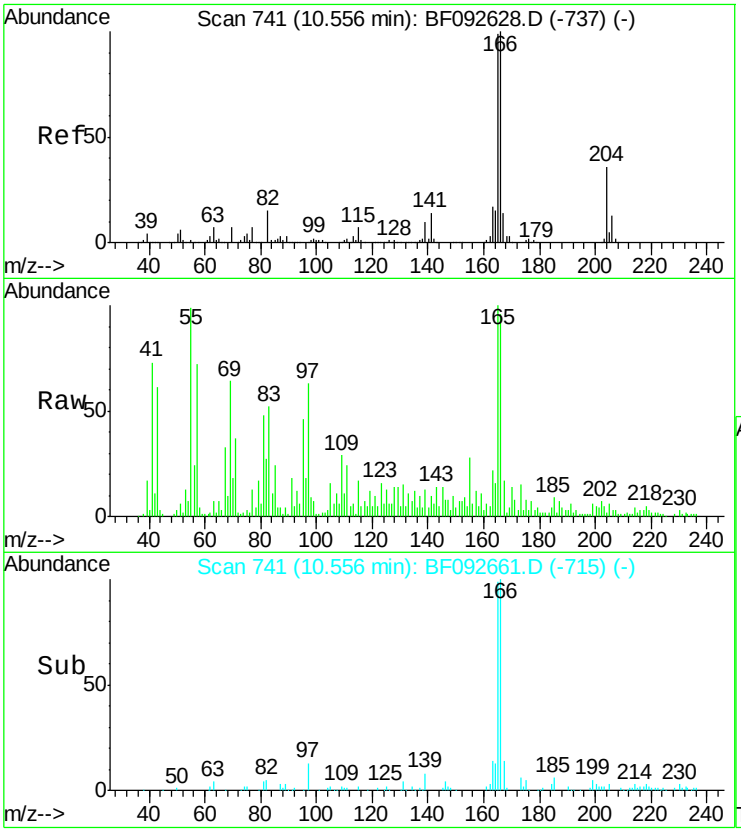


#54
Dibenzofuran
Concen: 2.42 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:168 Resp: 48580

Ion	Ratio	Lower	Upper
168	100		
139	50.1	32.6	49.0#
169	37.1	11.3	16.9#



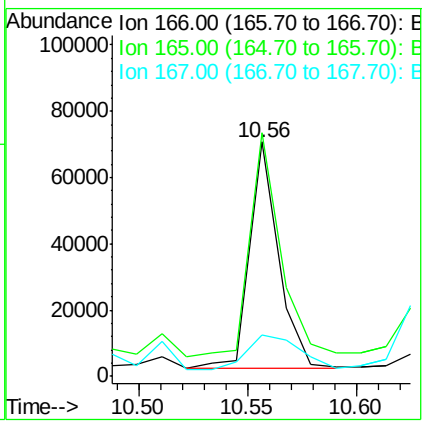


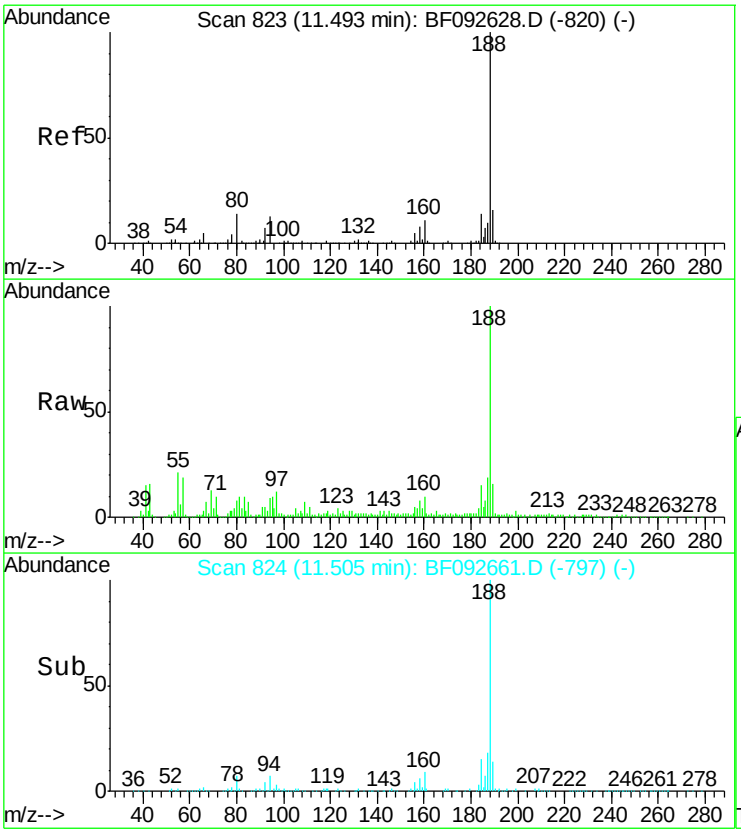
#57
Fluorene
Concen: 4.12 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:166 Resp: 63615

Ion	Ratio	Lower	Upper
166	100		
165	103.8	77.8	116.8
167	17.7	10.8	16.2#

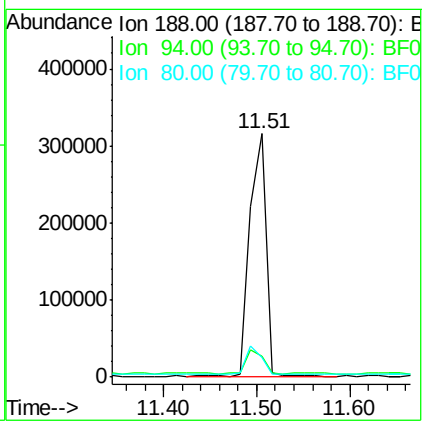


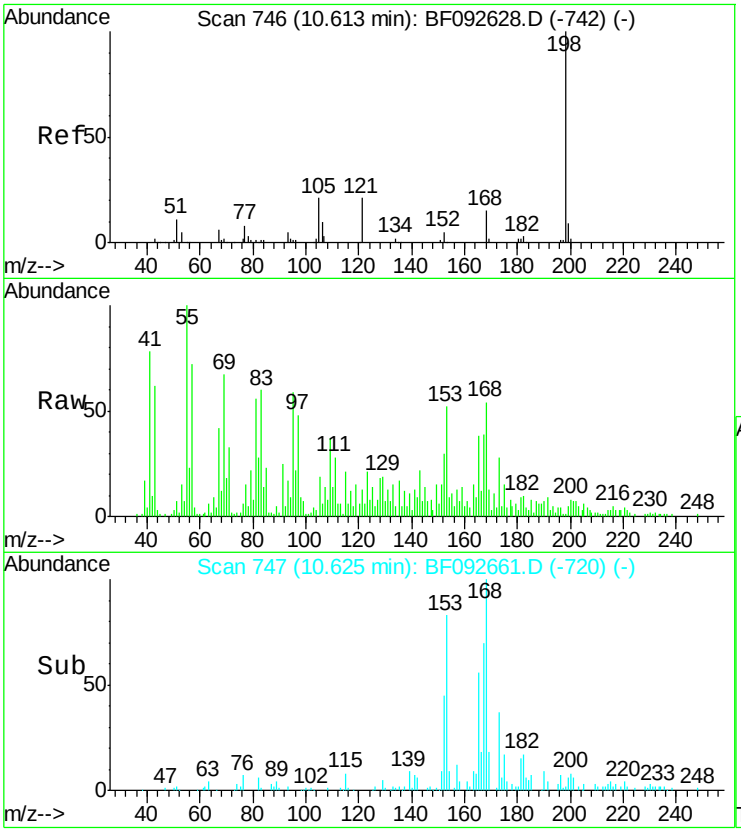


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:188 Resp: 379456

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.1	11.2	16.8#



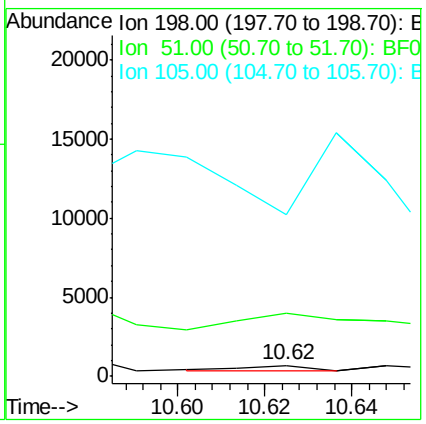


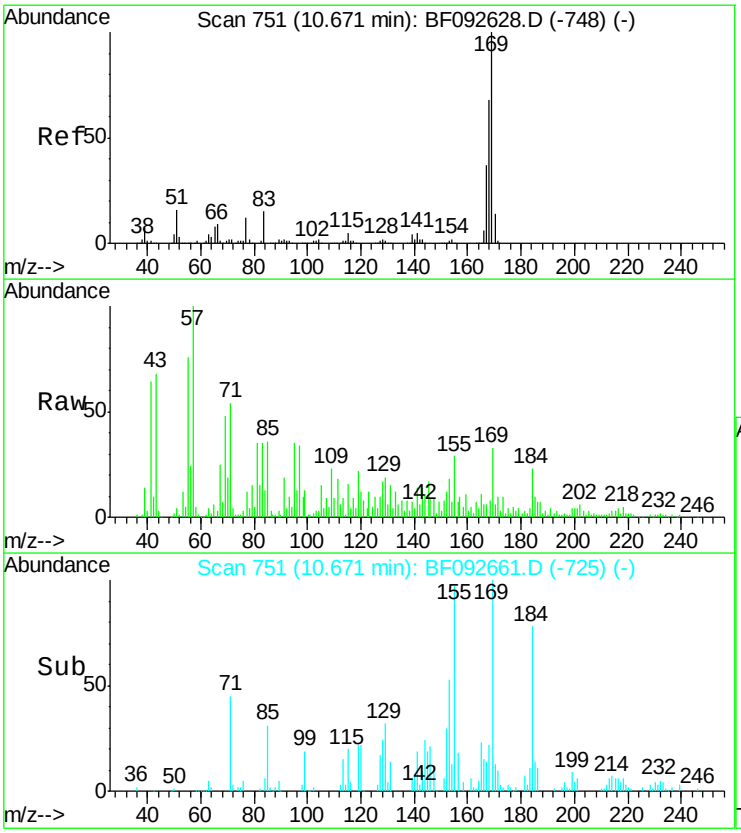
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:198 Resp: 400

Ion	Ratio	Lower	Upper
198	100		
51	565.9	6.7	46.7#
105	1442.9	16.6	56.6#

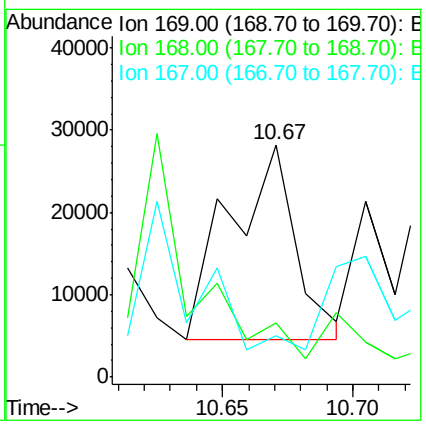


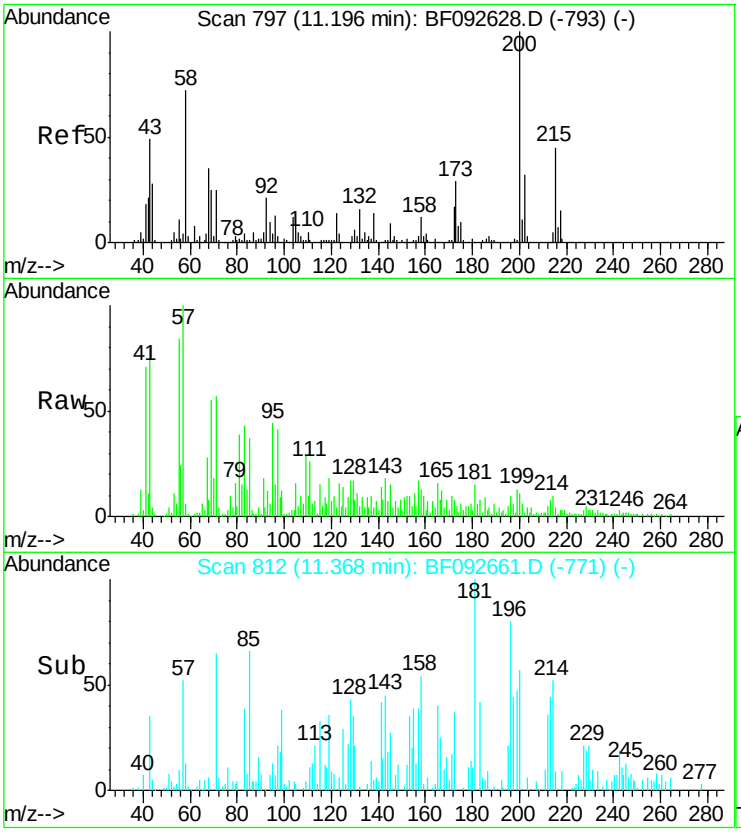


#65
n-Nitrosodiphenylamine
Concen: 3.44 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:169 Resp: 41695

Ion	Ratio	Lower	Upper
169	100		
168	23.2	54.2	81.2#
167	17.7	30.2	45.4#



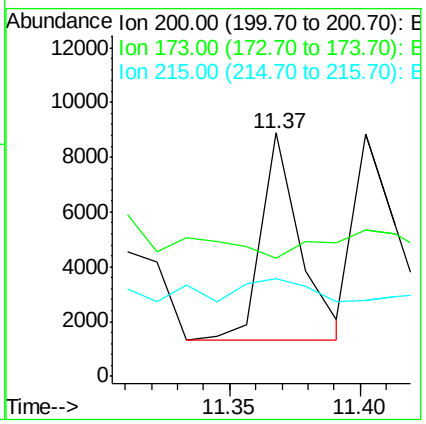


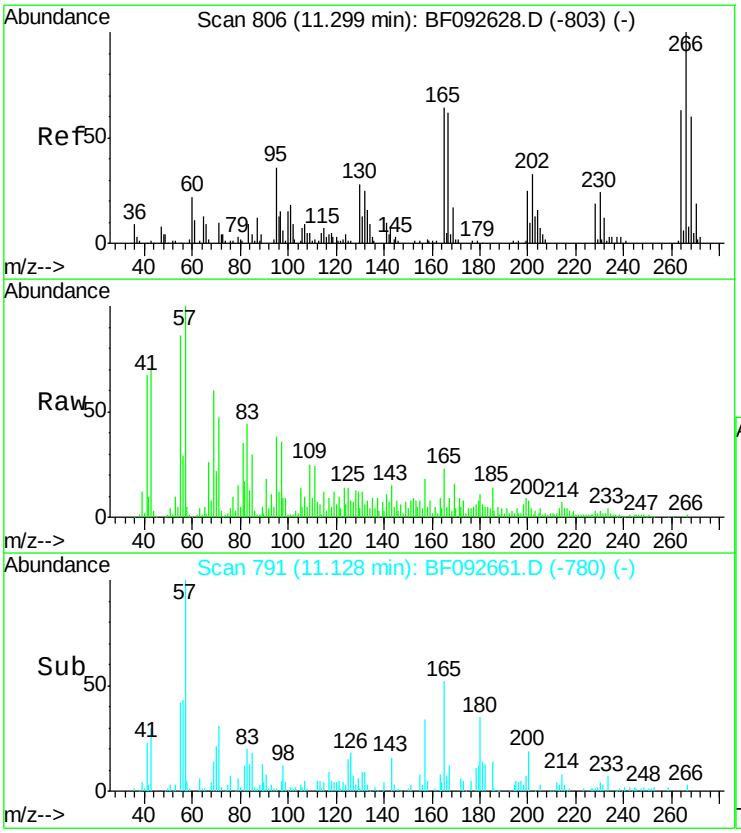
#68
Atrazine
Concen: 2.03 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.17 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:200 Resp: 7883

Ion	Ratio	Lower	Upper
200	100		
173	48.7	9.6	49.6
215	39.9	25.7	65.7

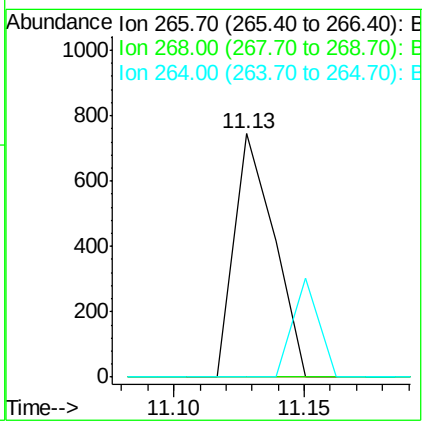


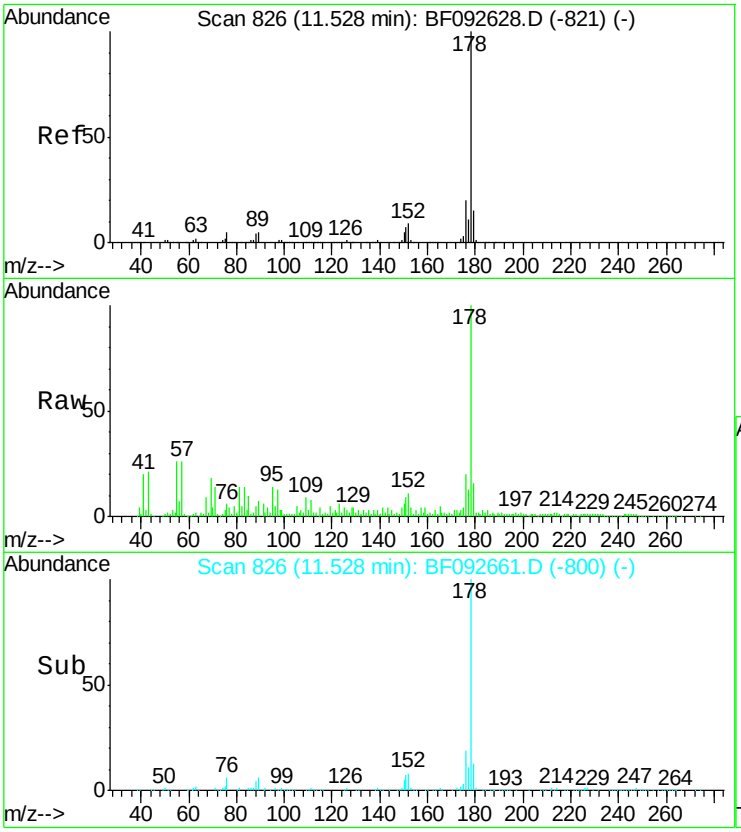


#69
Pentachlorophenol
Concen: 7.56 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.17 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:266 Resp: 796

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	0.0	50.3	75.5#



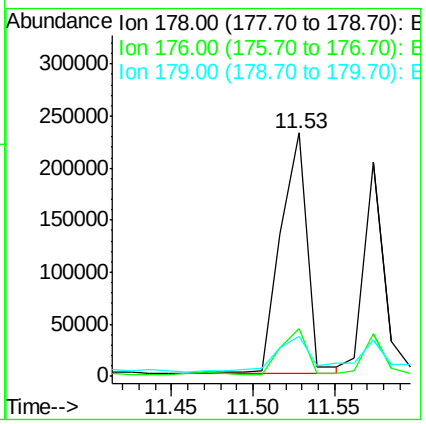


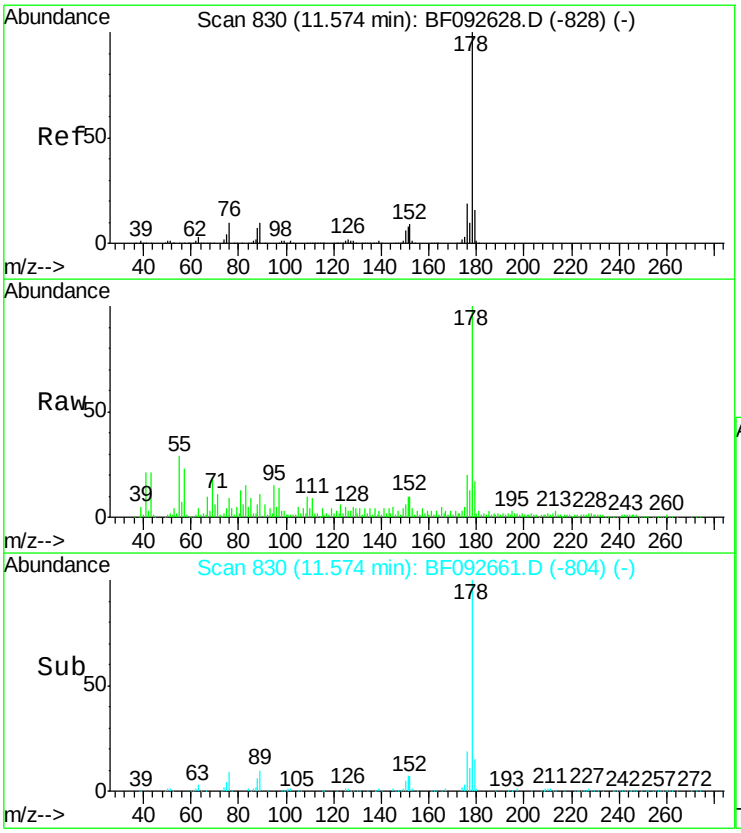
#70
Phenanthrene
Concen: 12.13 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:178 Resp: 263794

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.3	12.8	19.2

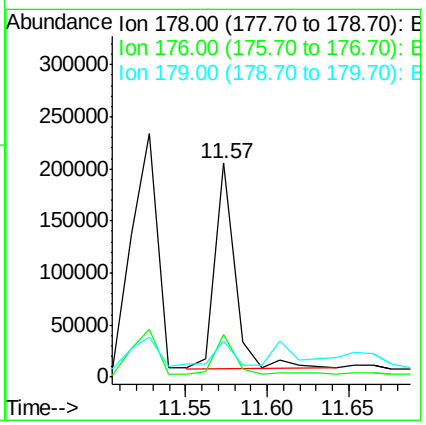


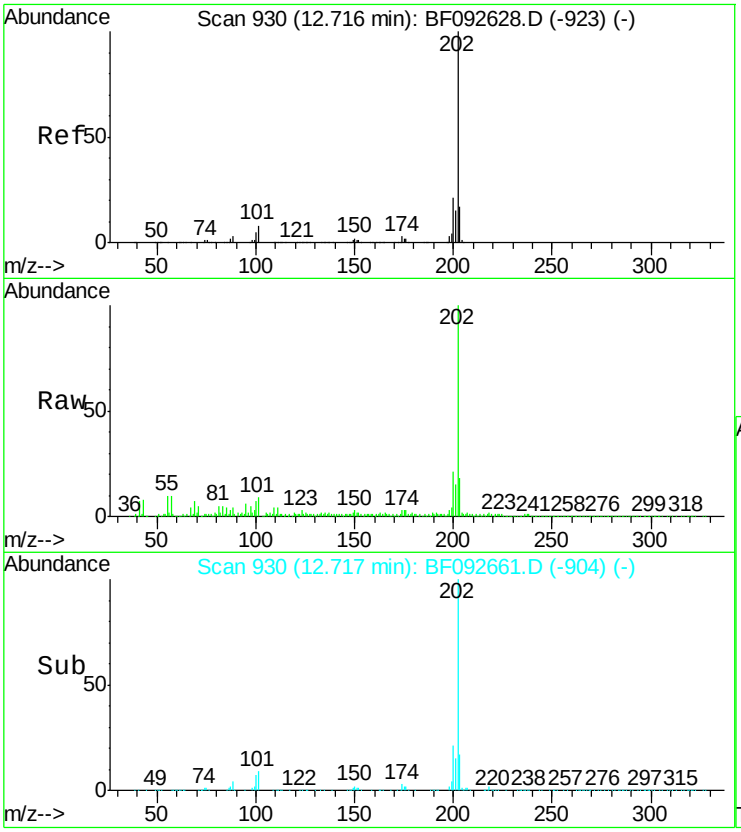


#71
Anthracene
Concen: 7.84 ng
RT: 11.57 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:178 Resp: 171128

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.8	13.2	19.8



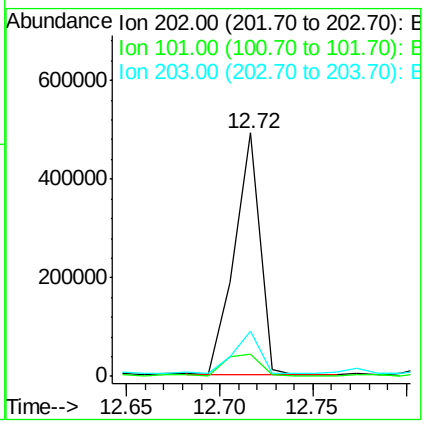


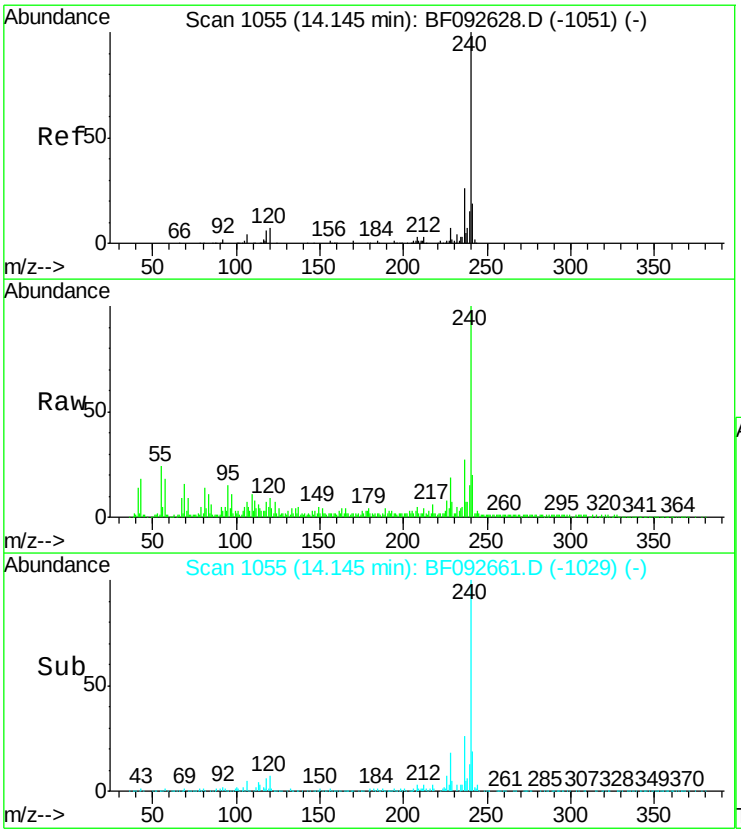
#74
Fluoranthene
Concen: 20.84 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:202 Resp: 467422

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.6
203	18.4	0.0	38.7

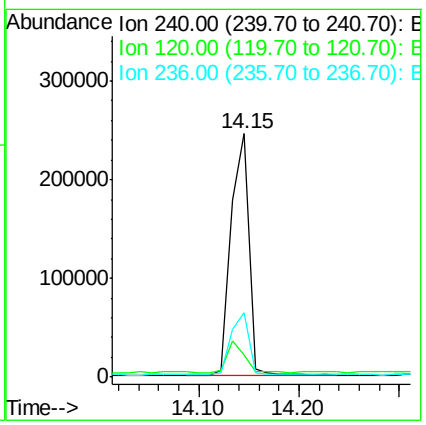


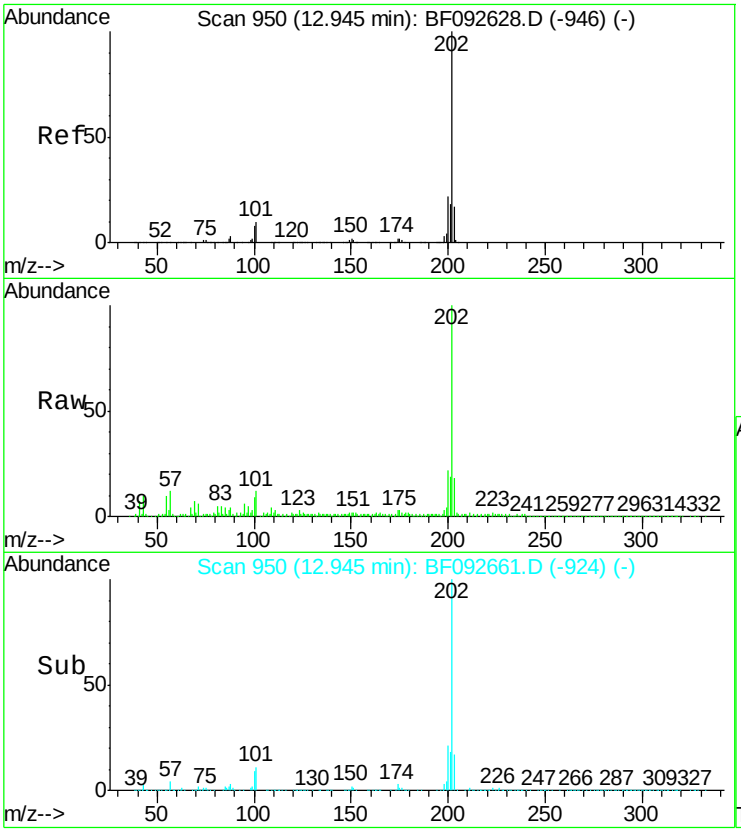


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:240 Resp: 300940

Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.9	19.3#
236	26.7	20.9	31.3



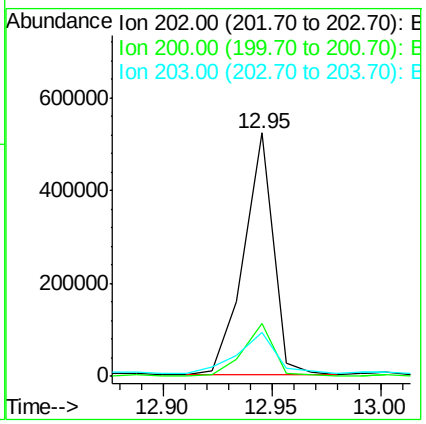


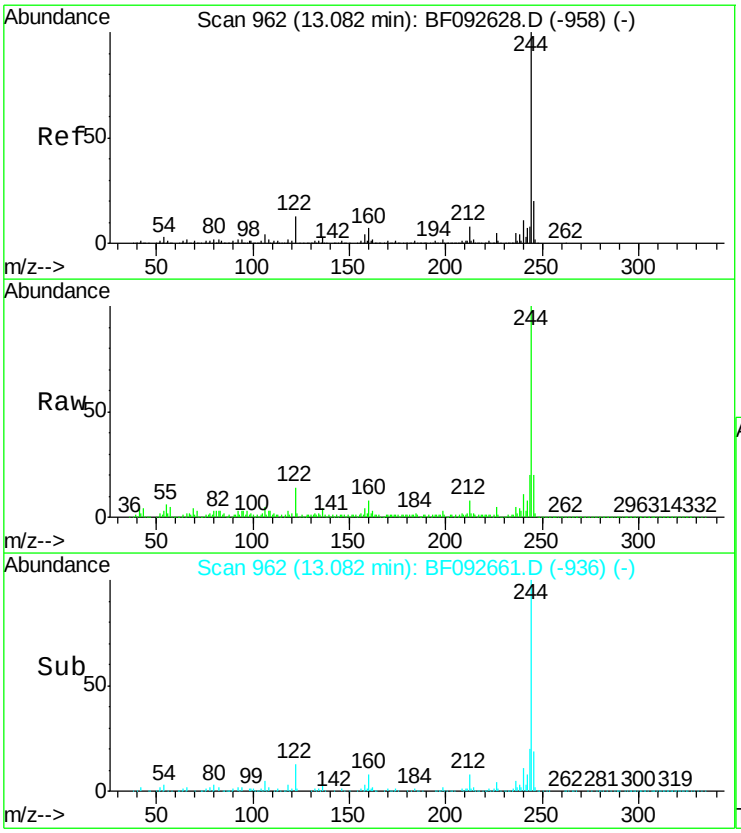
#77
Pyrene
Concen: 22.01 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:202 Resp: 495780

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.2	14.7	22.1

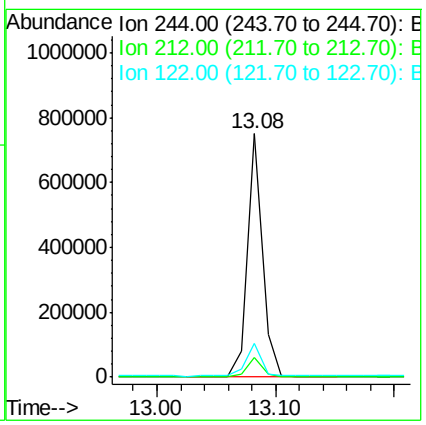


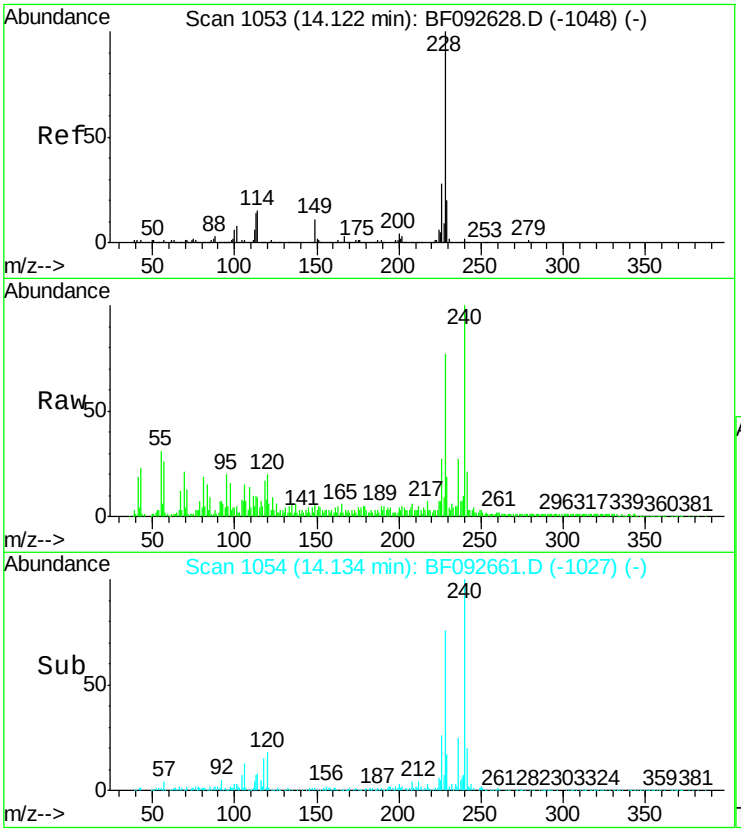


#78
Terphenyl-d14
Concen: 51.70 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:244 Resp: 662150

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	11.4	17.2



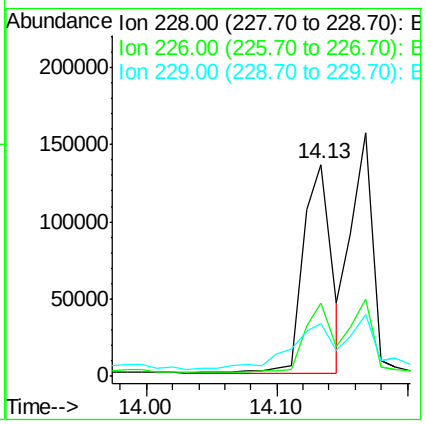


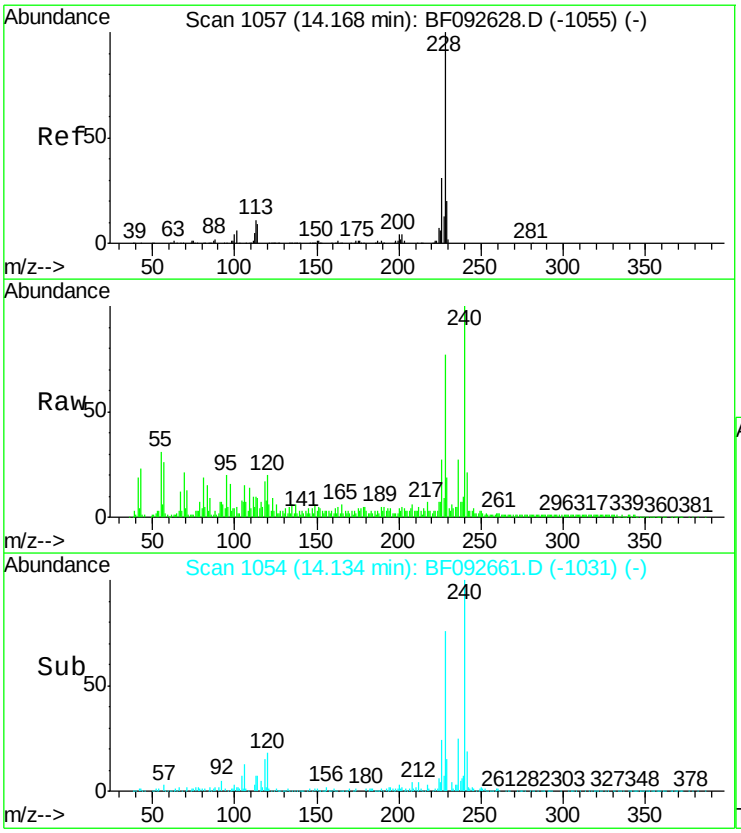
#80
Benzo(a)anthracene
Concen: 11.07 ng
RT: 14.13 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:228 Resp: 203790

Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.4	33.6#
229	25.0	16.2	24.4#

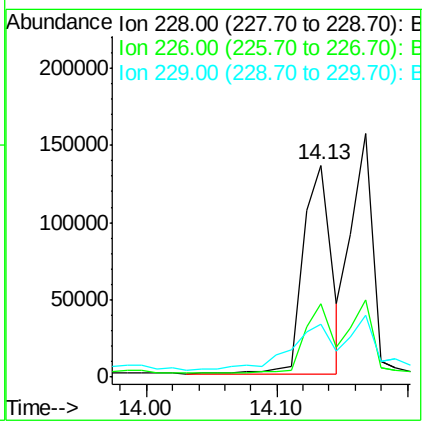


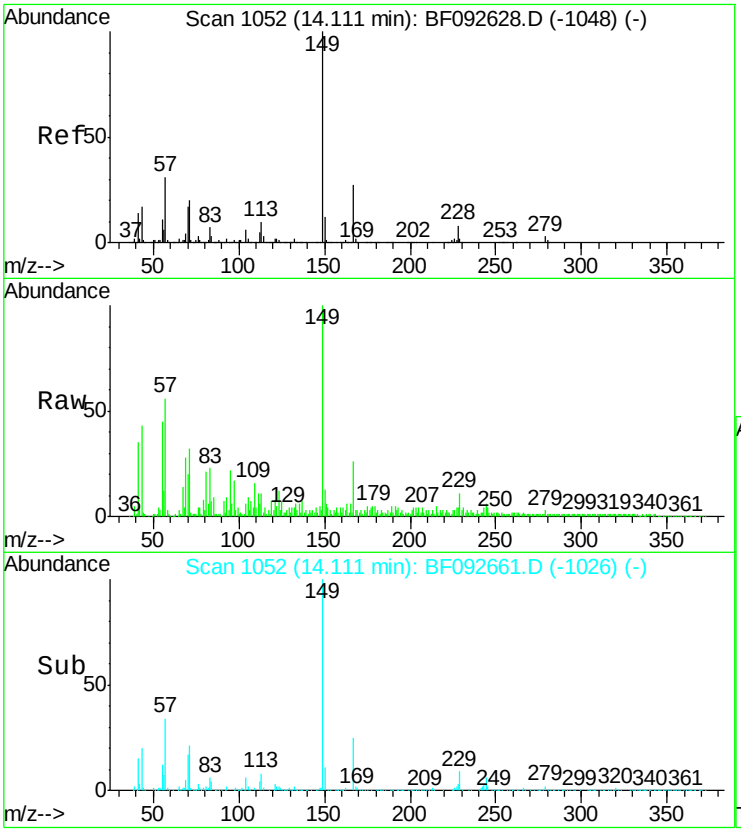


#82
Chrysene
Concen: 11.83 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:228 Resp: 203790

Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.4	38.0
229	25.0	16.2	24.2#



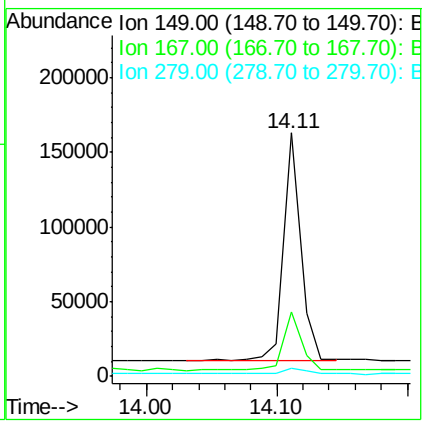


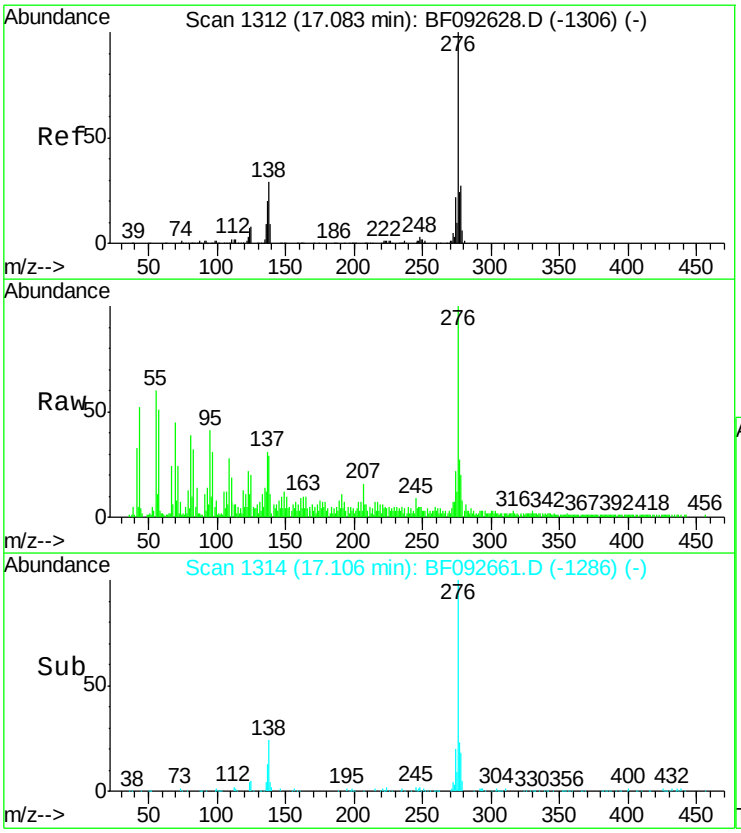
#83
Bis(2-ethylhexyl)phthalate
Concen: 11.12 ng
RT: 14.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:149 Resp: 139081

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	3.1	1.8	2.8#

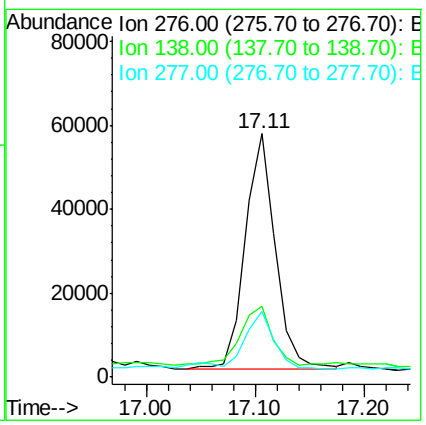


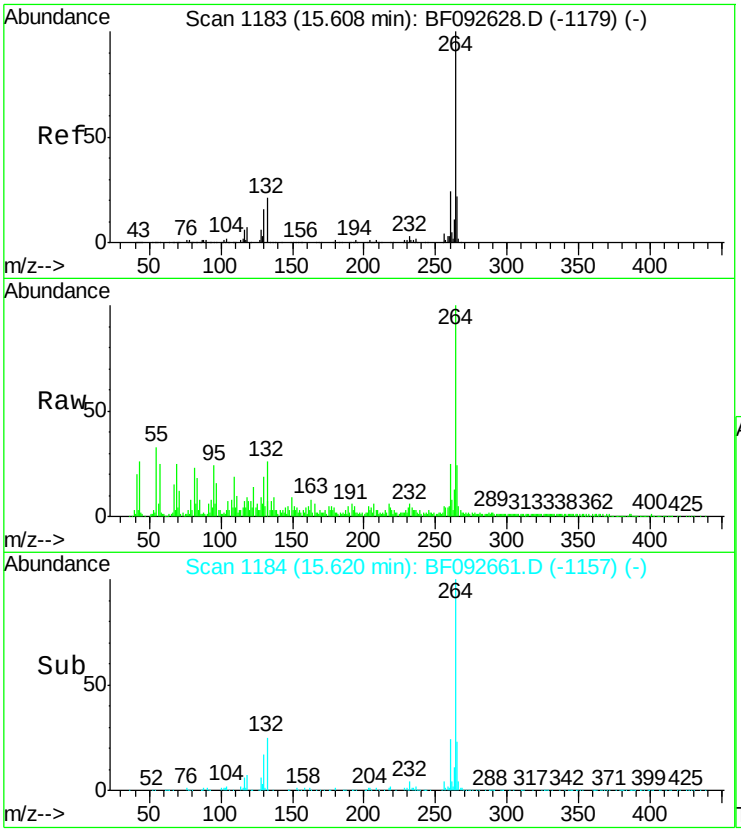


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.07 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:276 Resp: 107757

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	27.6	20.2	30.4



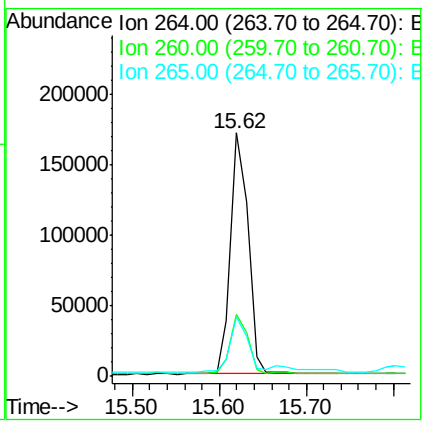


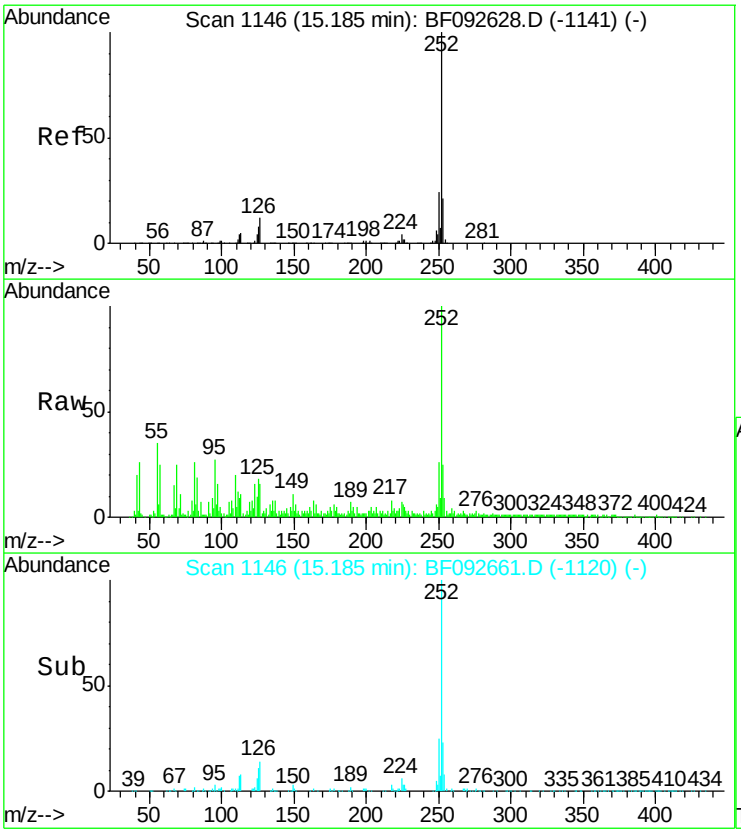
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:264 Resp: 241194

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	24.2	17.4	26.0

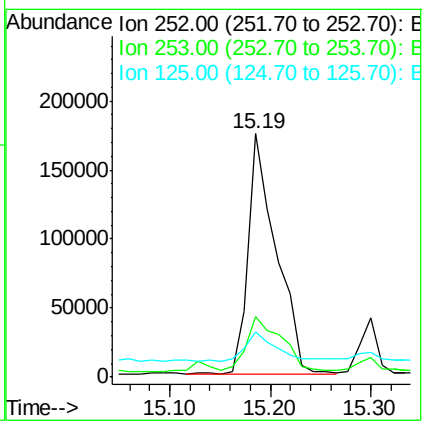


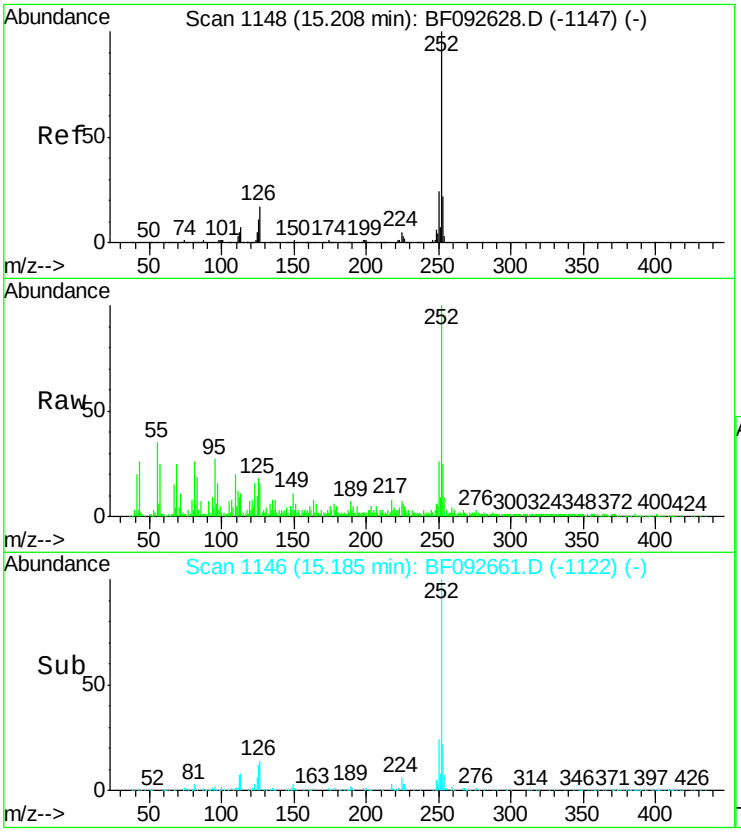


#87
Benzo(b)fluoranthene
Concen: 21.21 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:252 Resp: 336705

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	18.4	9.8	14.6#



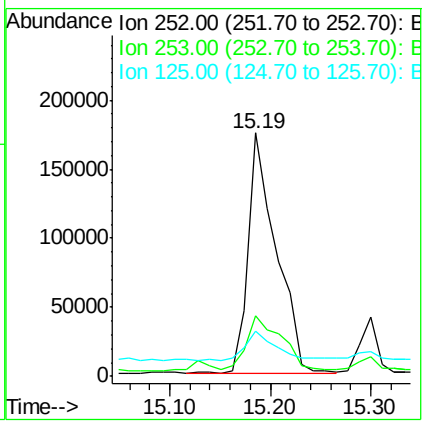


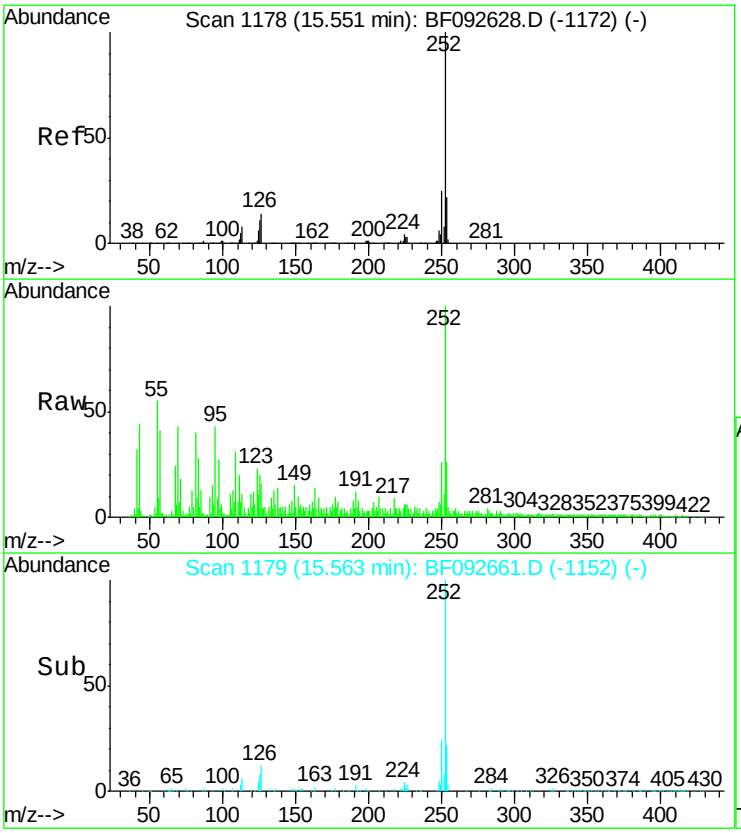
#88
Benzo(k)fluoranthene
Concen: 24.56 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:252 Resp: 336705

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	18.4	8.9	13.3#

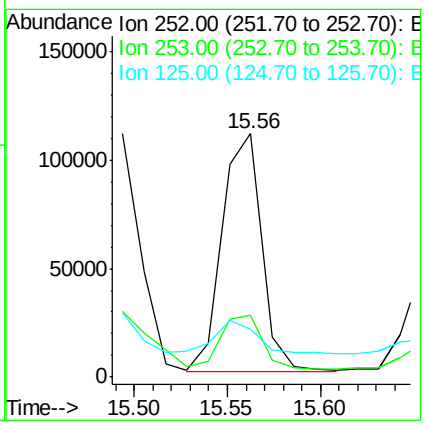


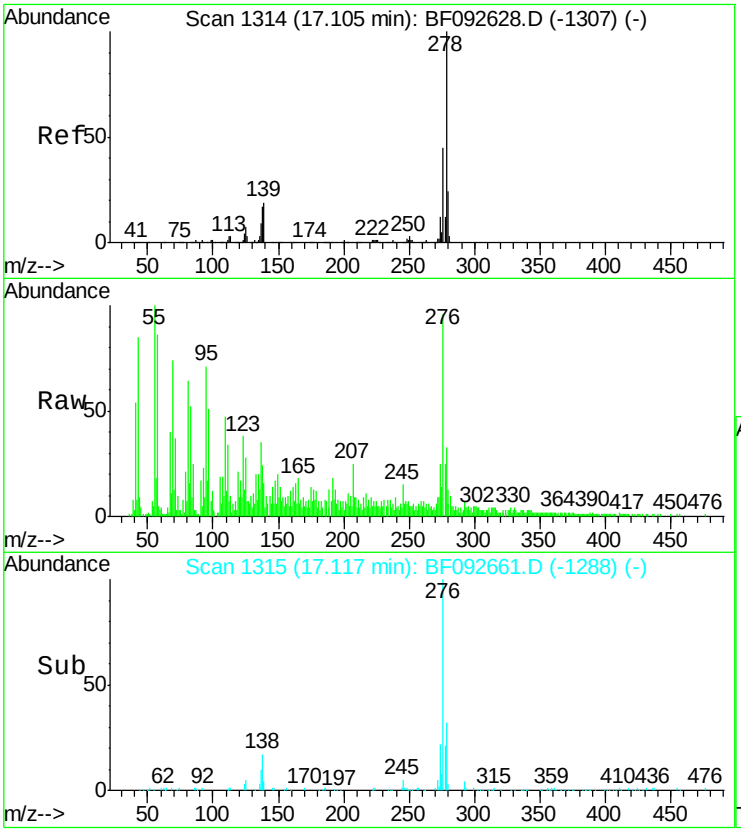


#89
Benzo(a)pyrene
Concen: 11.96 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:252 Resp: 164181

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	19.6	10.0	15.0#



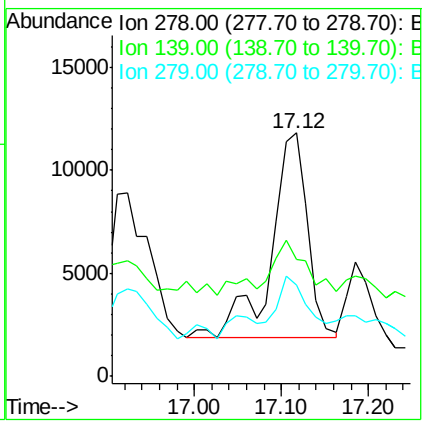


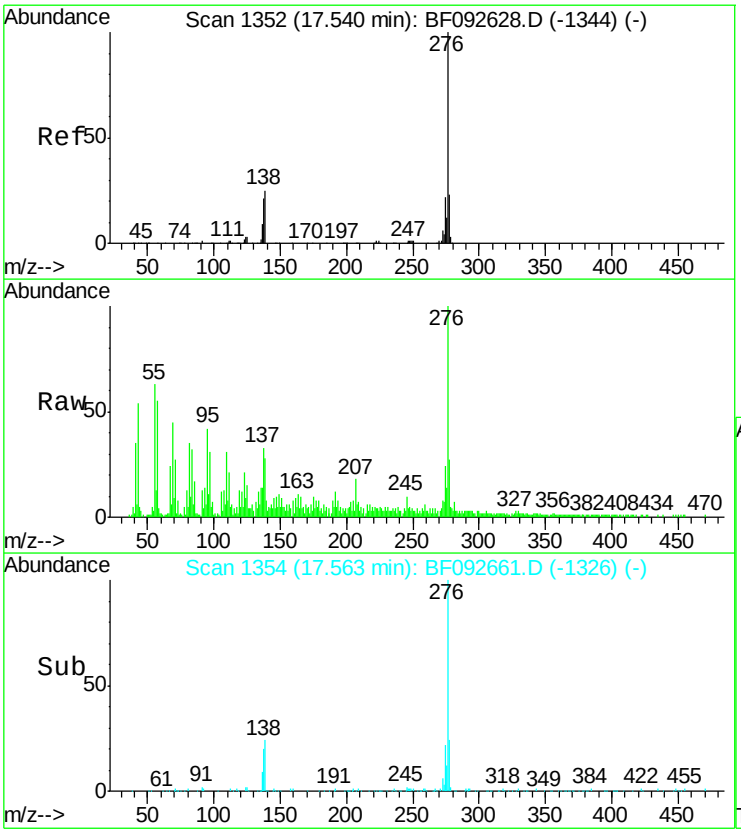
#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 17.12 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:278 Resp: 28828

Ion	Ratio	Lower	Upper
278	100		
139	48.0	14.8	22.2#
279	37.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 10.10 ng
RT: 17.56 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF092661.D
Acq: 31 Jan 2017 3:55

Tgt Ion:276 Resp: 113204

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.2	28.8
138	28.0	16.0	24.0#