Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092449.D
Acq On : 25 Jan 2017 00:36
Operator : UM/SJ
Sample : I1383-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-001-C

Quant Time: Jan 25 04:40:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152295	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	591066	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	306731	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	445776	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	321423	20.00	ng		-0.01
86) Perylene-d12	15.63	264	326249	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	767452	78.40	ng		0.01
7) Phenol-d6	6.59	99	1179307	94.58	ng		0.00
23) Nitrobenzene-d5	7.53	82	631199	58.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	97645	46.71	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1090831	65.76	ng		-0.01
78) Terphenyl-d14	13.11	244	779779	64.60	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	57257	3.80	ng	#	57
19) n-Nitroso-di-n-propylamine	7.53	70	85051	10.02	ng	#	86
25) Isophorone	7.53	82	576306	27.03	ng	#	65
31) Naphthalene	8.28	128	103540	3.42	ng		98
32) Benzoic acid	8.03	122	223	4.72	ng	#	44
49) Dimethylphthalate	9.73	163	88480	4.54	ng		99
50) 2,6-Dinitrotoluene	10.03	165	39677	9.95	ng	#	31
51) Acenaphthene	10.05	154	62060	3.76	ng		95
54) Dibenzofuran	10.22	168	74669	3.33	ng		99
55) 4-Nitrophenol	10.22	139	26111	6.58	ng	#	7
56) 2,4-Dinitrotoluene	10.03	165	39677	7.50	ng	#	20
57) Fluorene	10.58	166	70331	4.23	ng		98
70) Phenanthrene	11.54	178	482445	19.65	ng		98
71) Anthracene	11.58	178	112325	4.68	ng		99
72) Carbazole	11.74	167	107029	4.67	ng		97
74) Fluoranthene	12.73	202	352114	14.66	ng		97
77) Pyrene	12.96	202	287786	12.36	ng		98
80) Benzo(a)anthracene	14.15	228	115130	6.66	ng		97
82) Chrysene	14.15	228	115130	6.24	ng		95
83) Bis(2-ethylhexyl)phthalate	14.18	149	148189	12.47	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	54733	4.01	ng	#	93
87) Benzo(b)fluoranthene	15.20	252	160735	7.67	ng	#	97
88) Benzo(k)fluoranthene	15.20	252	160735	9.23	ng	#	95
89) Benzo(a)pyrene	15.56	252	87701	4.95	ng	#	95
91) Benzo(g,h,i)perylene	17.55	276	55093	3.80	ng	#	86

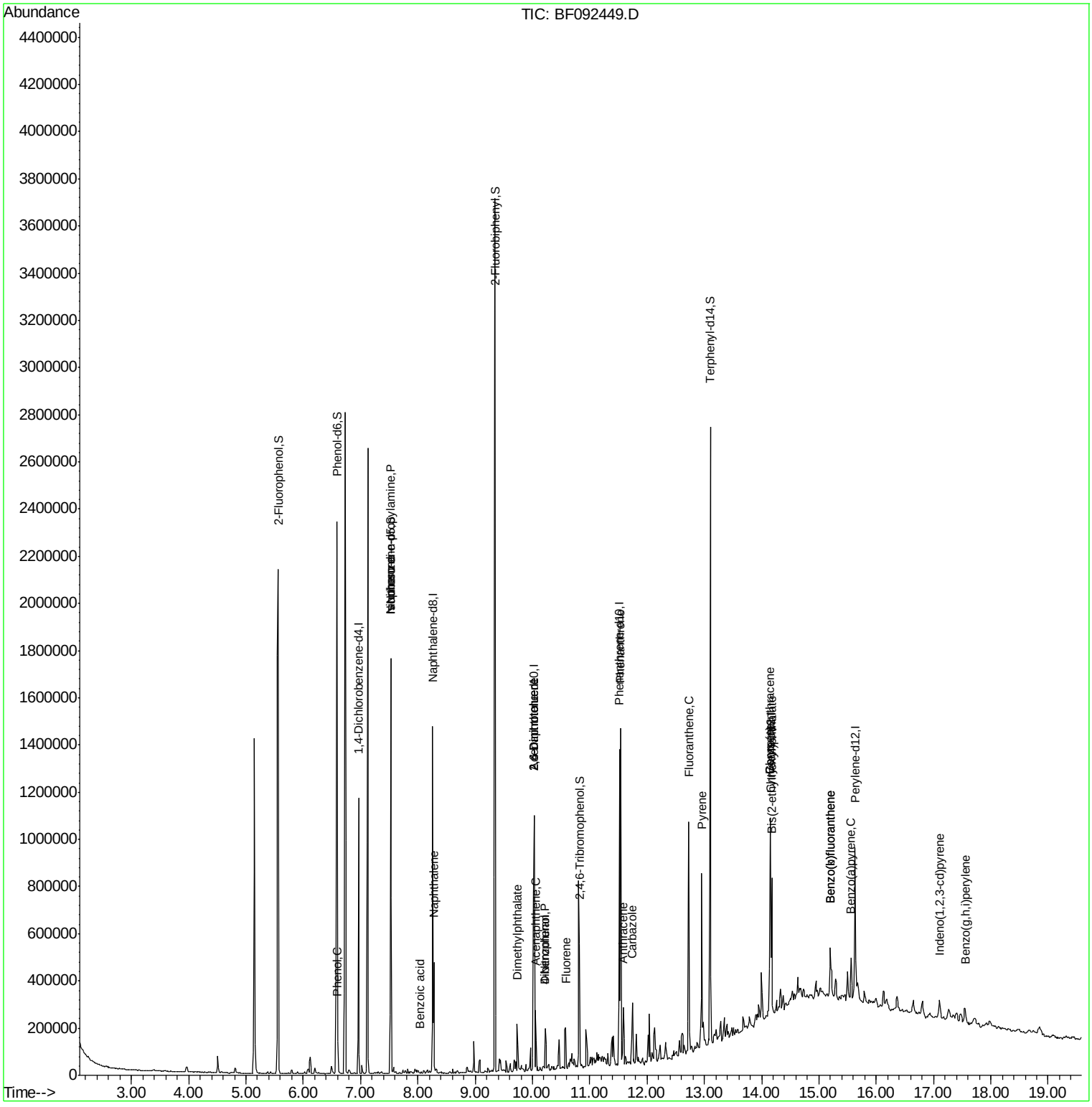
(#) = qualifier out of range (m) = manual integration (+) = signals summed

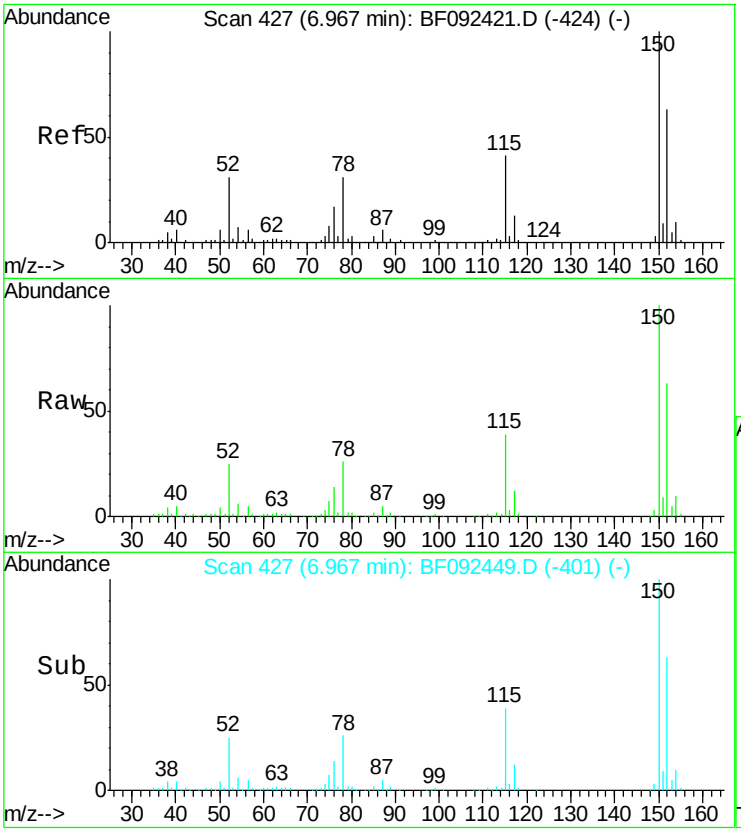
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092449.D
Acq On : 25 Jan 2017 00:36
Operator : UM/SJ
Sample : I1383-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-001-C

Quant Time: Jan 25 04:40:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



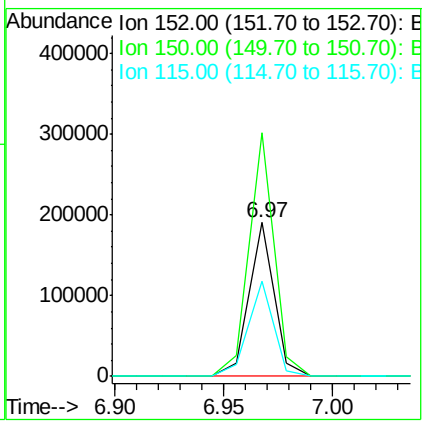


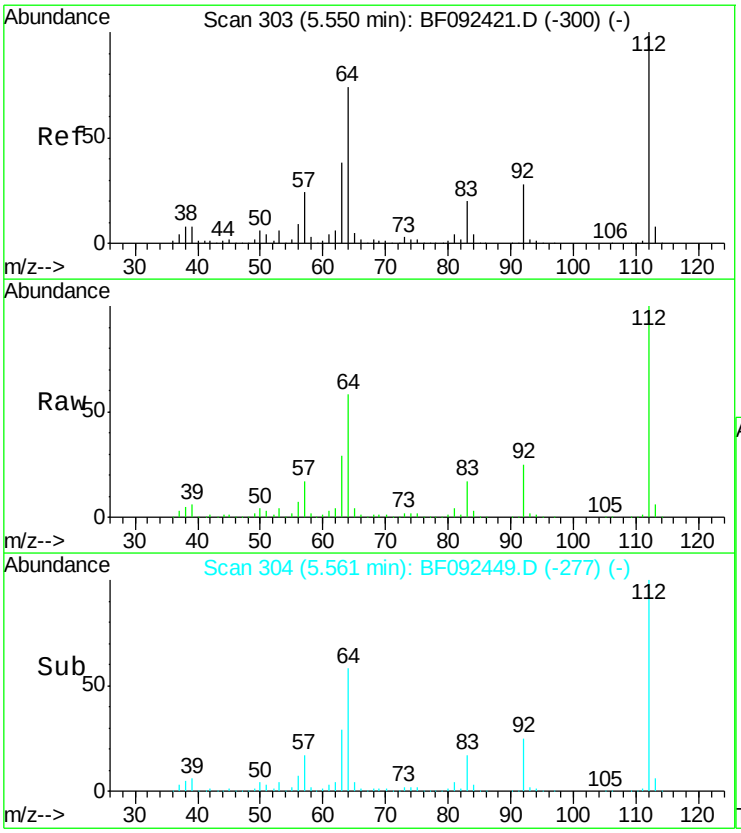
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:152 Resp: 152295

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	62.0	46.0	69.0

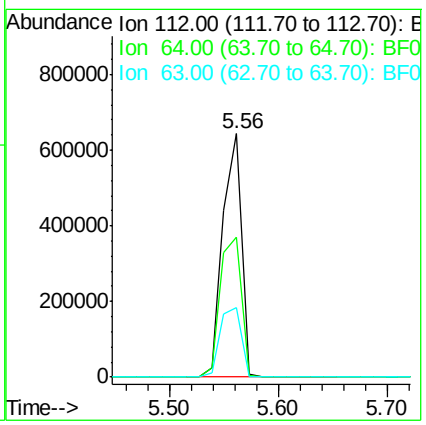


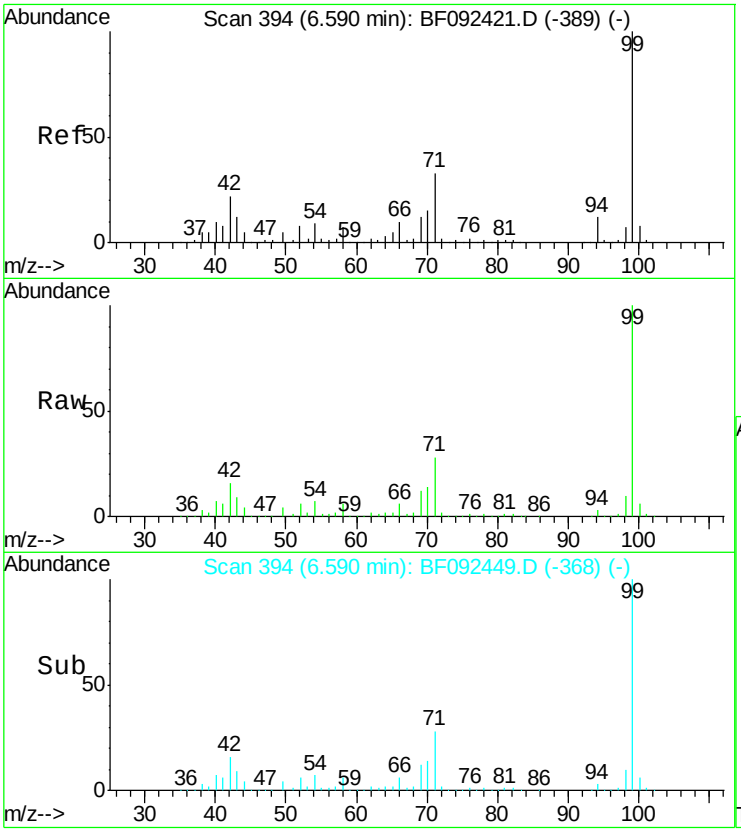


#5
2-Fluorophenol
Concen: 78.40 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:112 Resp: 767452

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.1	69.1
63	28.7	23.8	35.6



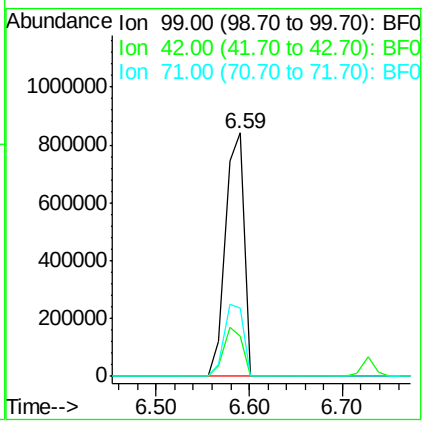


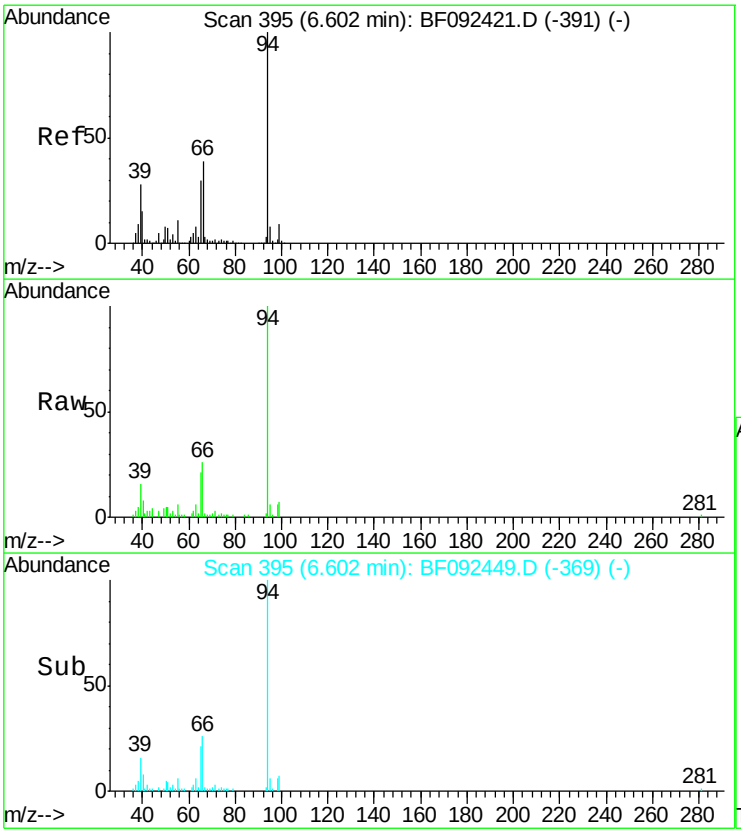
#7
Phenol-d6
Concen: 94.58 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion: 99 Resp: 1179307

Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.6	23.4
71	28.2	27.5	41.3

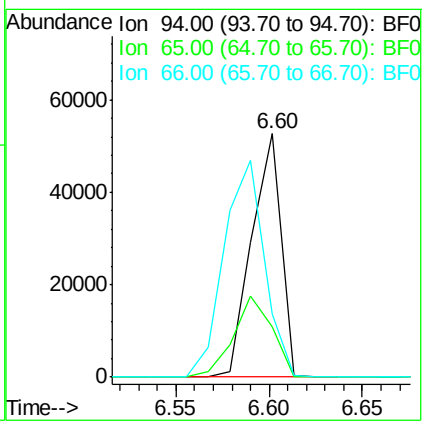


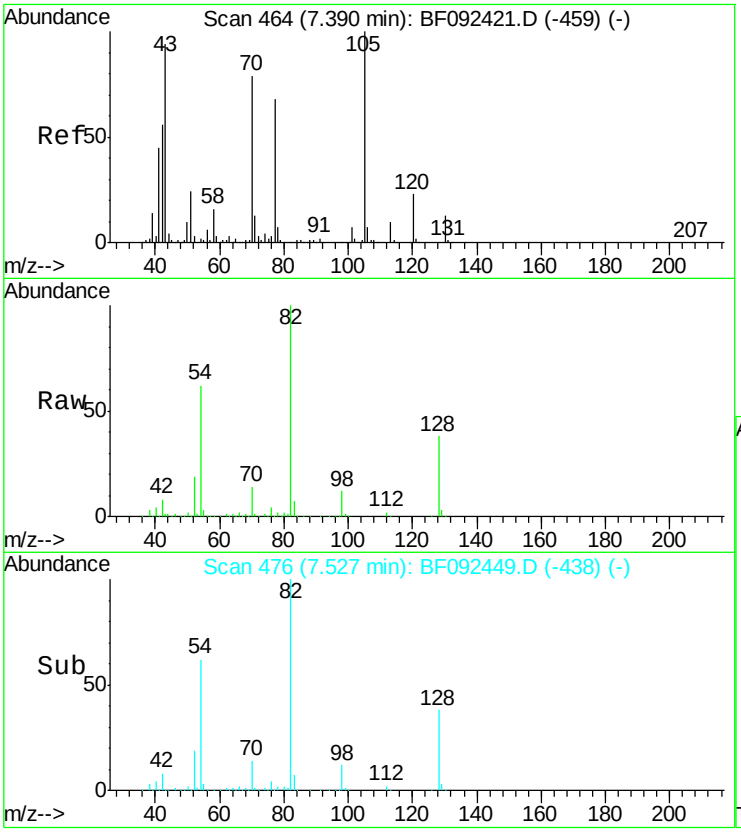


#10
Phenol
Concen: 3.80 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion: 94 Resp: 57257

Ion	Ratio	Lower	Upper
94	100		
65	20.5	21.4	61.4#
66	26.0	44.0	84.0#



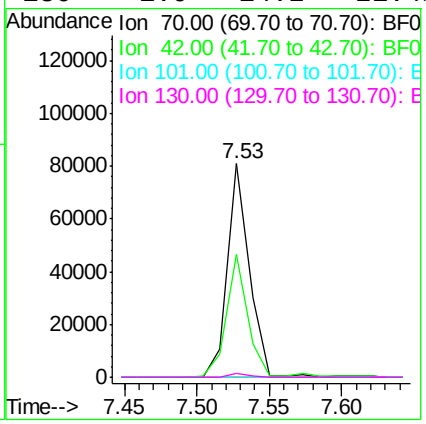


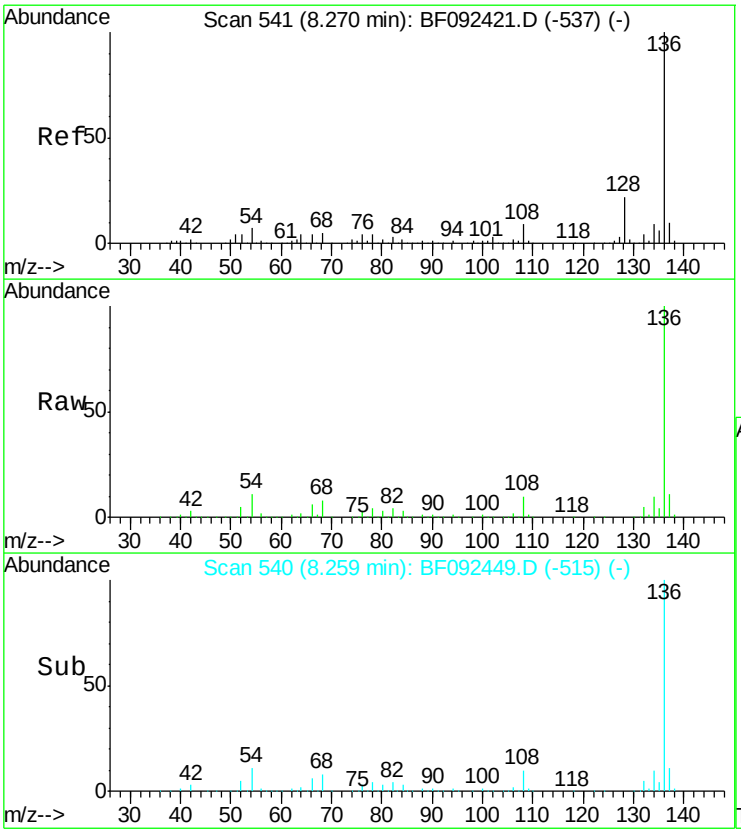
#19
n-Nitroso-di-n-propylamine
Concen: 10.02 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion: 70 Resp: 85051

Ion	Ratio	Lower	Upper
70	100		
42	57.3	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

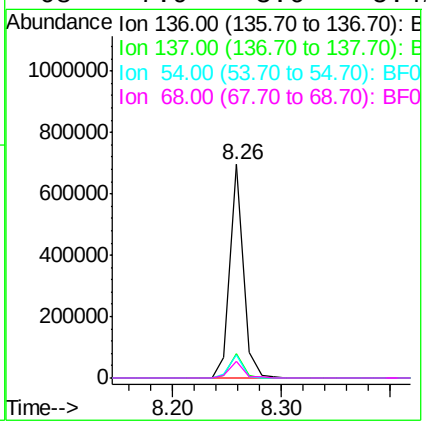


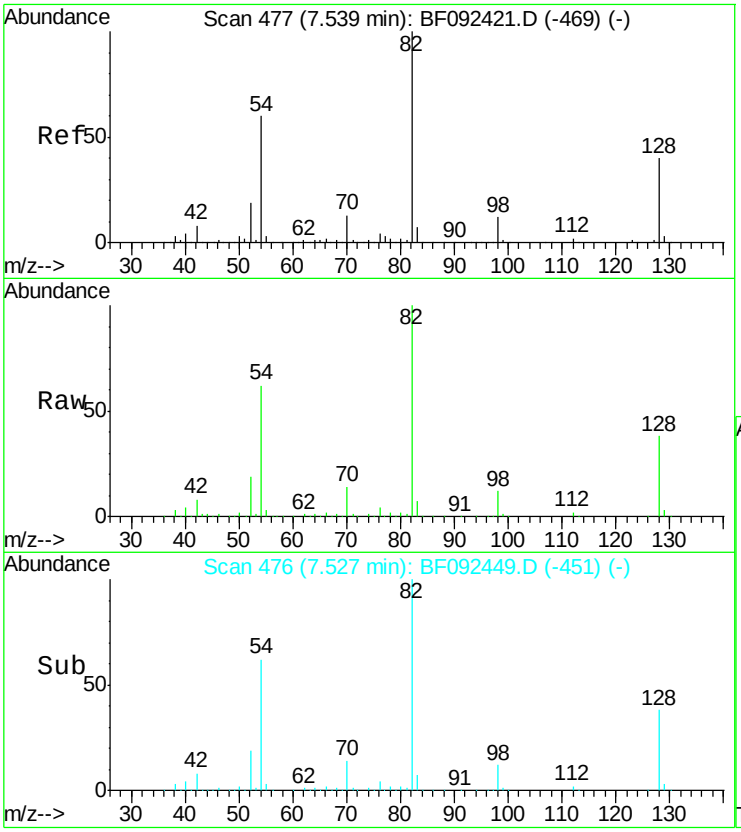


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:136 Resp: 591066

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.1	4.5	6.7#
68	7.9	3.6	5.4#



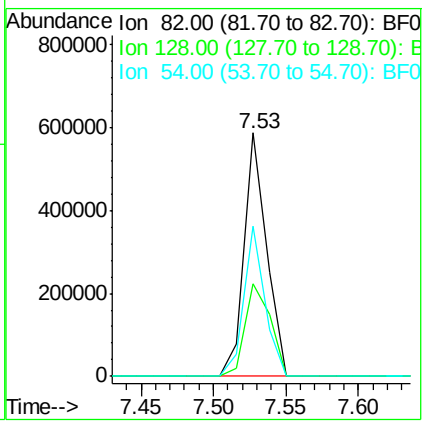


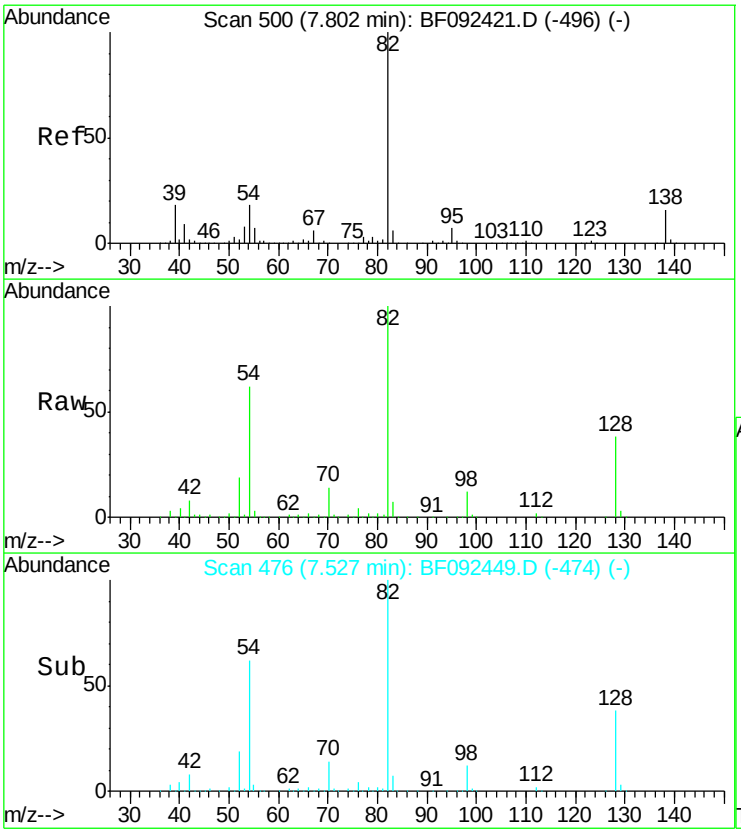
#23
Nitrobenzene-d5
Concen: 58.33 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion: 82 Resp: 631199

Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.6	52.0
54	61.9	39.5	59.3#

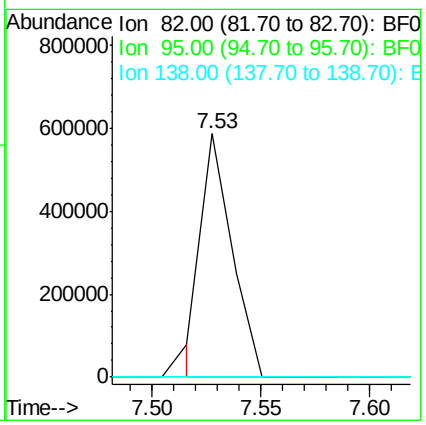


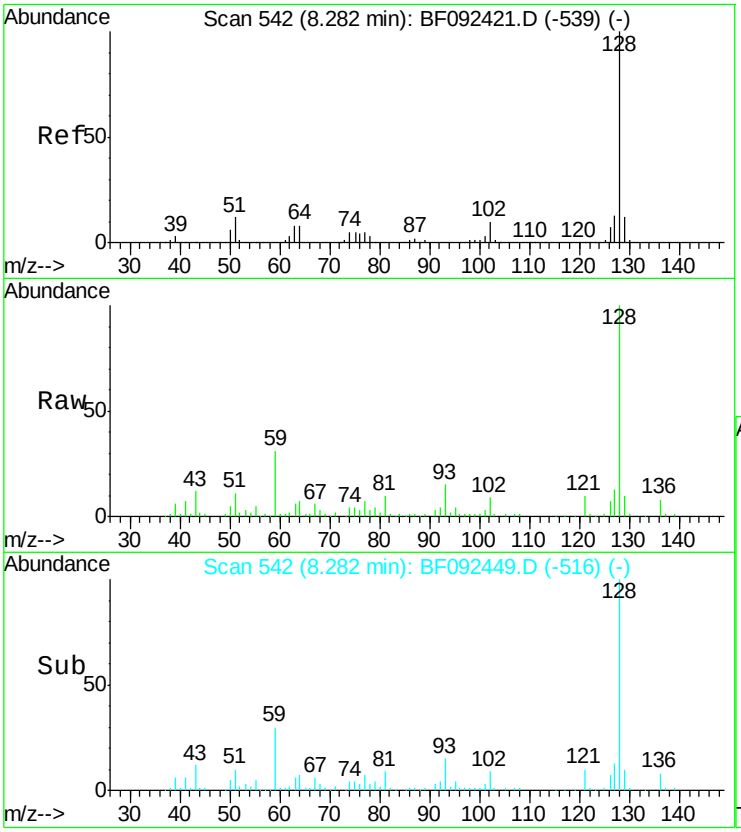


#25
Isophorone
Concen: 27.03 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion: 82 Resp: 576306

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



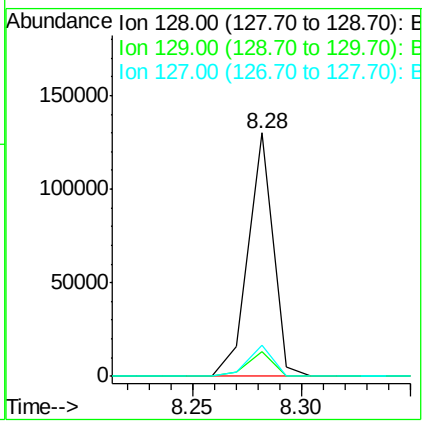


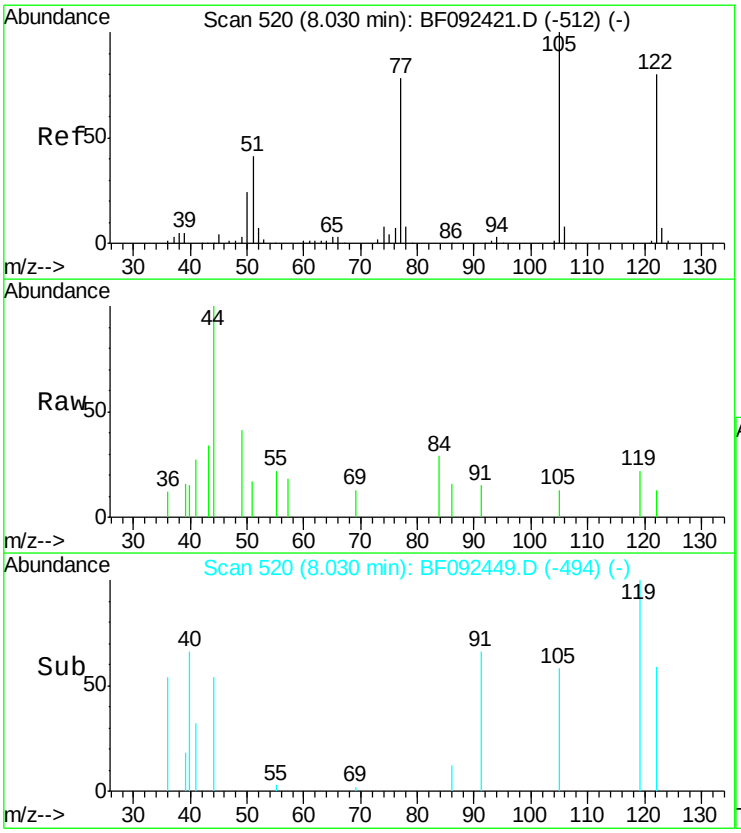
#31
Naphthalene
Concen: 3.42 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:128 Resp: 103540

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.5	14.3
127	13.0	10.8	16.2

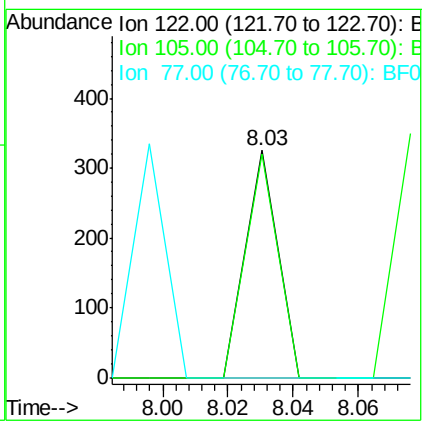


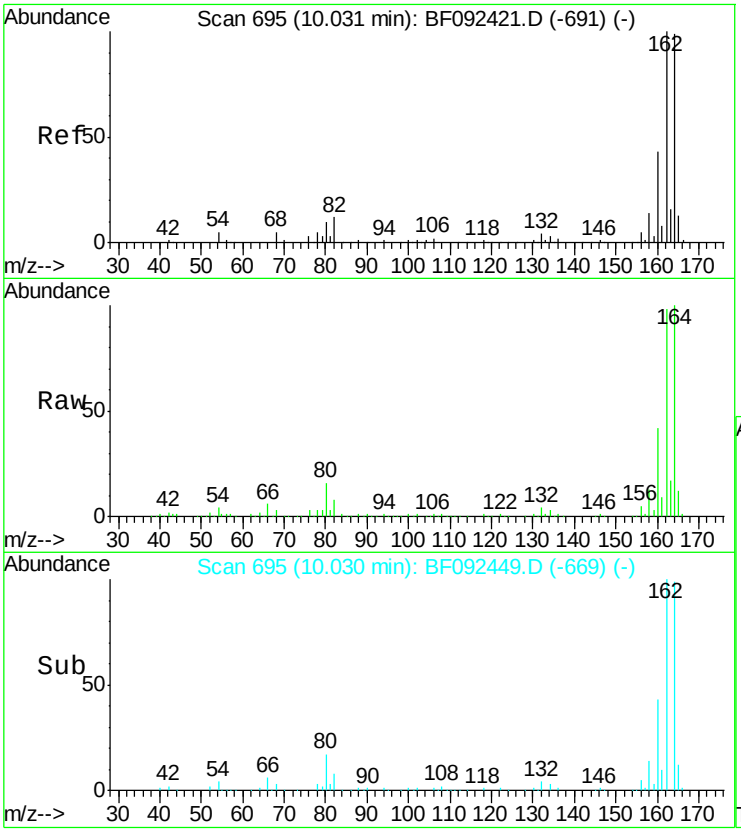


#32
Benzoic acid
Concen: 4.72 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:122 Resp: 223

Ion	Ratio	Lower	Upper
122	100		
105	98.8	107.2	147.2#
77	0.0	74.5	114.5#



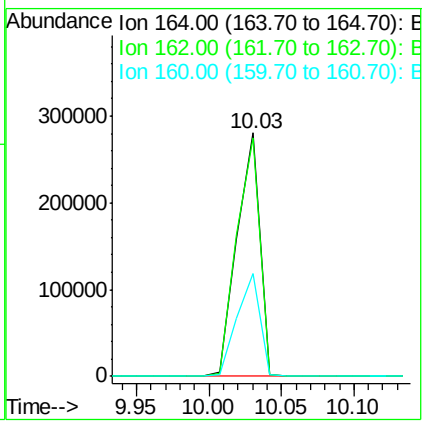


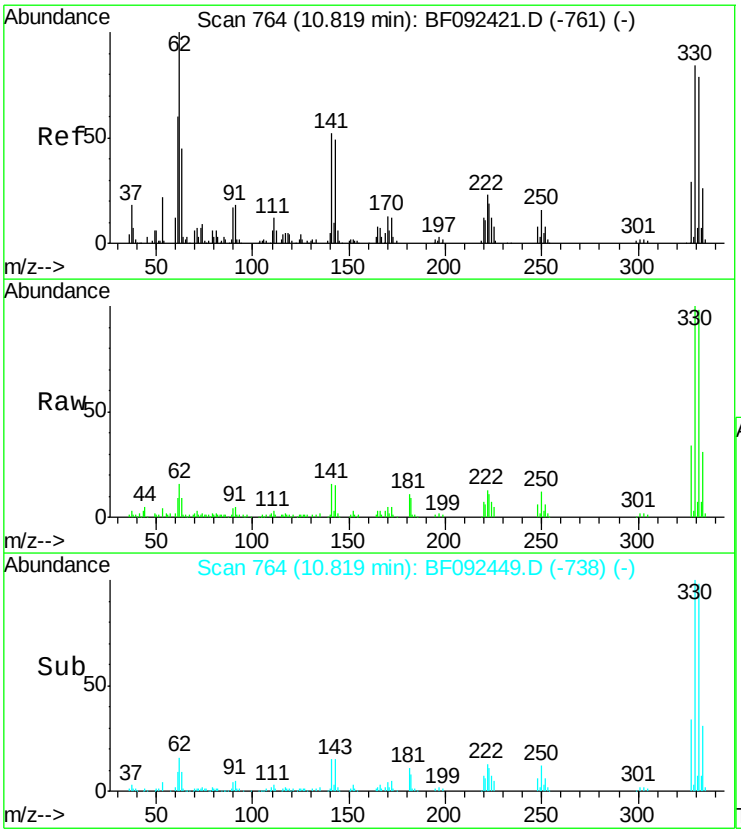
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:164 Resp: 306731

Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.2	120.2
160	42.0	36.9	55.3

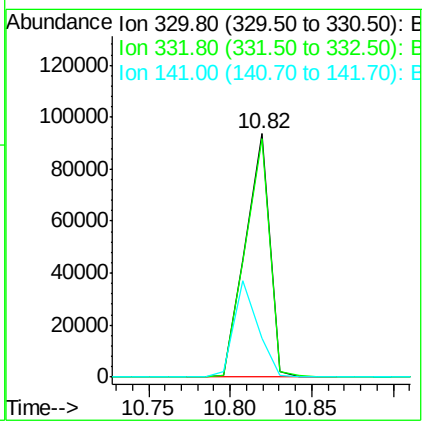


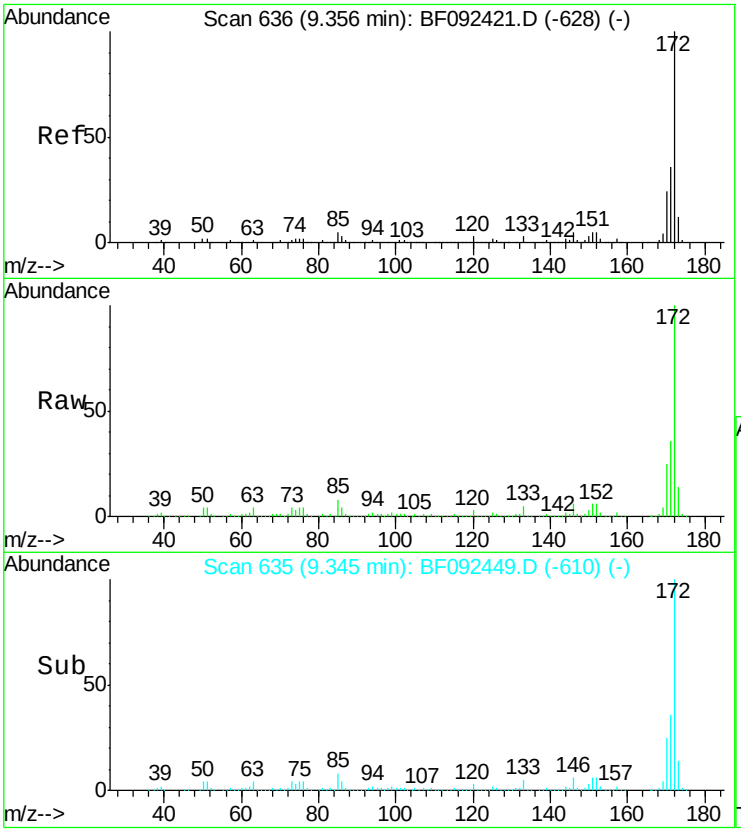


#41
2,4,6-Tribromophenol
Concen: 46.71 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:330 Resp: 97645

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	39.4	34.1	51.1



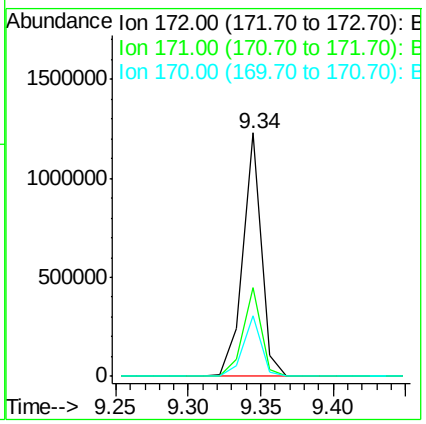


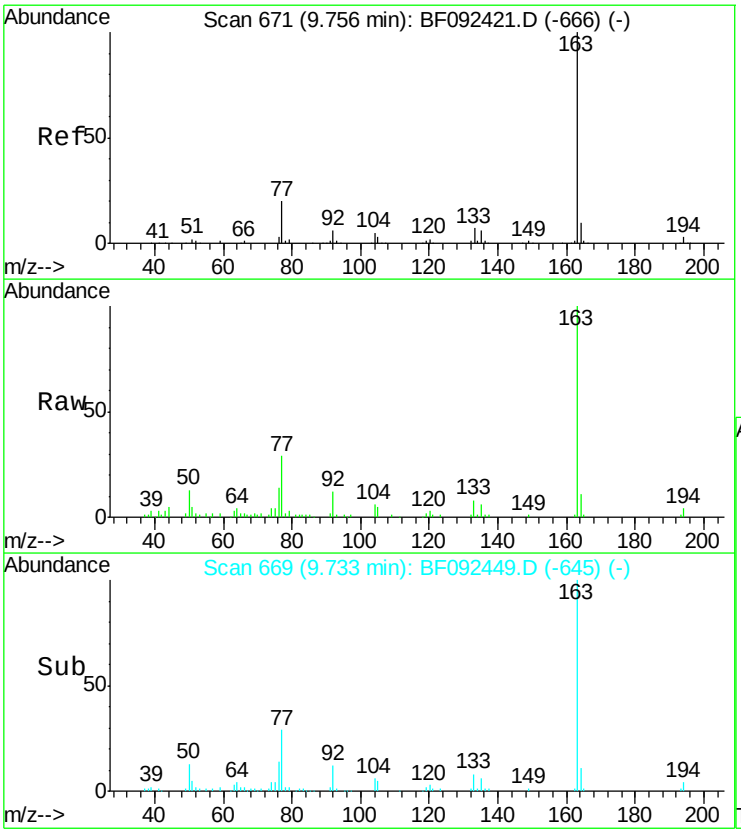
#44
2-Fluorobiphenyl
Concen: 65.76 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:172 Resp: 1090831

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	20.2	30.4

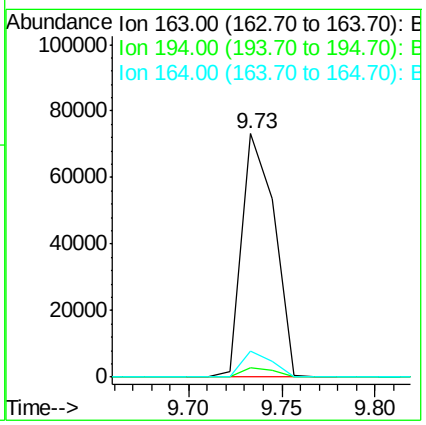


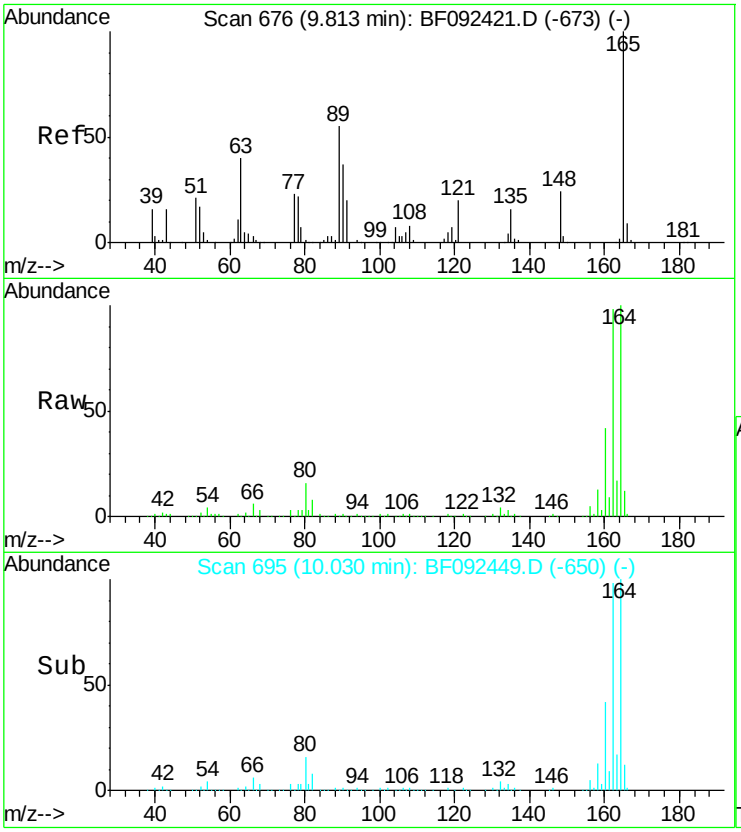


#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:163 Resp: 88480

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.7	8.0	12.0



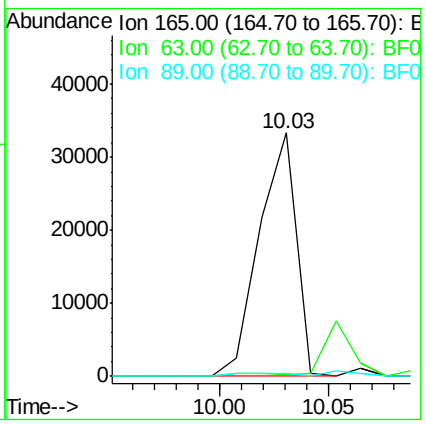


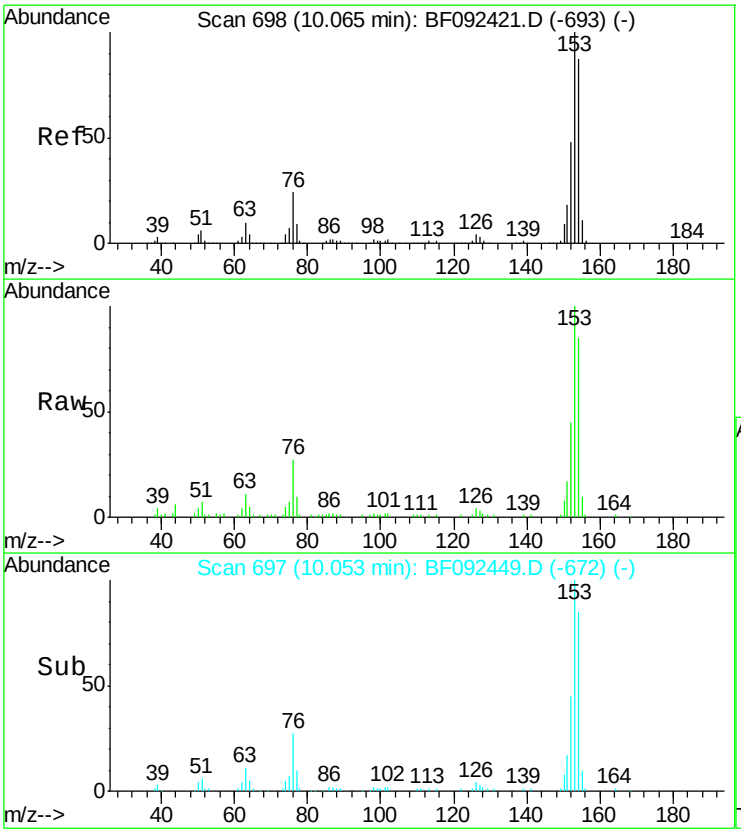
#50
2,6-Dinitrotoluene
Concen: 9.95 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:165 Resp: 39677

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.1	40.2	60.4#

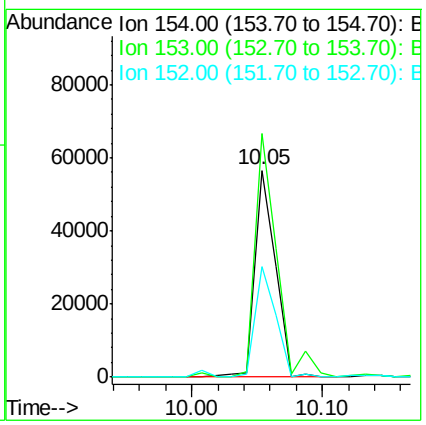


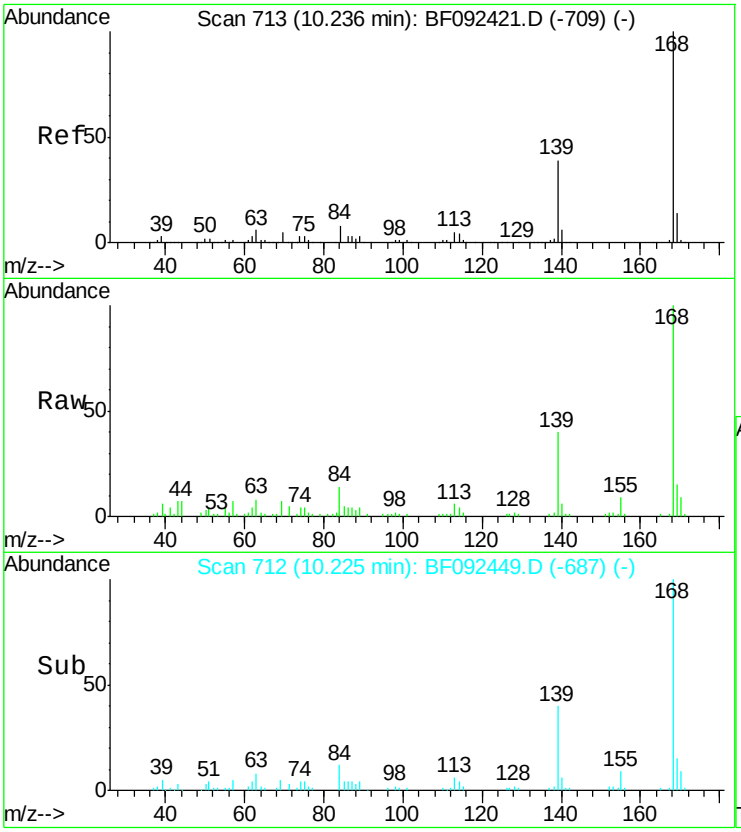


#51
Acenaphthene
Concen: 3.76 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:154 Resp: 62060

Ion	Ratio	Lower	Upper
154	100		
153	117.8	88.6	133.0
152	53.4	41.6	62.4



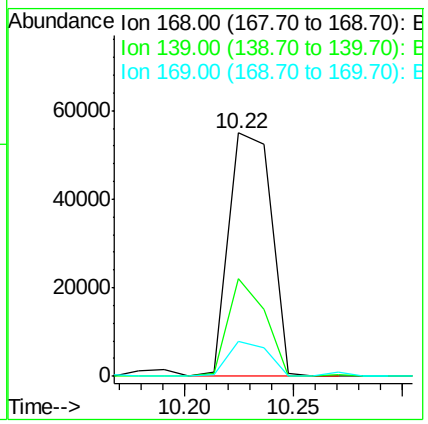


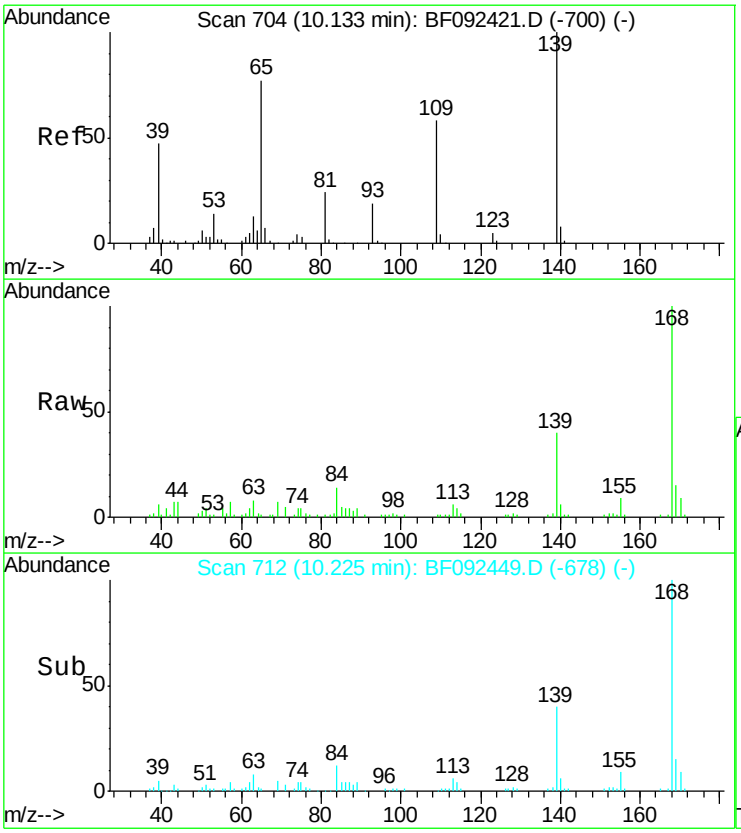
#54
Dibenzofuran
Concen: 3.33 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:168 Resp: 74669

Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.6	49.0
169	14.5	11.3	16.9

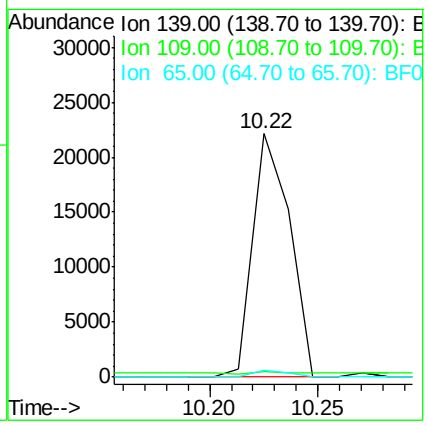


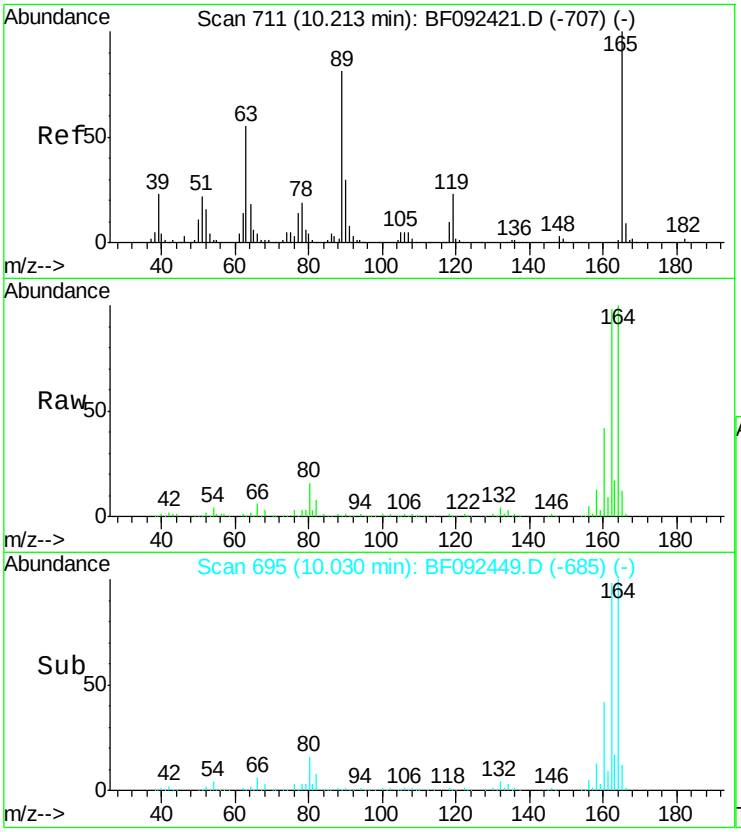


#55
4-Nitrophenol
Concen: 6.58 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.09 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:139 Resp: 26111

Ion	Ratio	Lower	Upper
139	100		
109	2.2	52.2	92.2#
65	2.7	85.8	125.8#



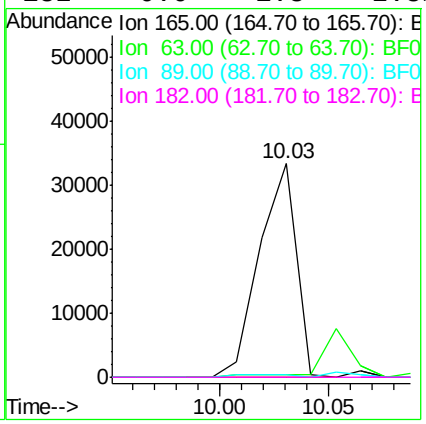


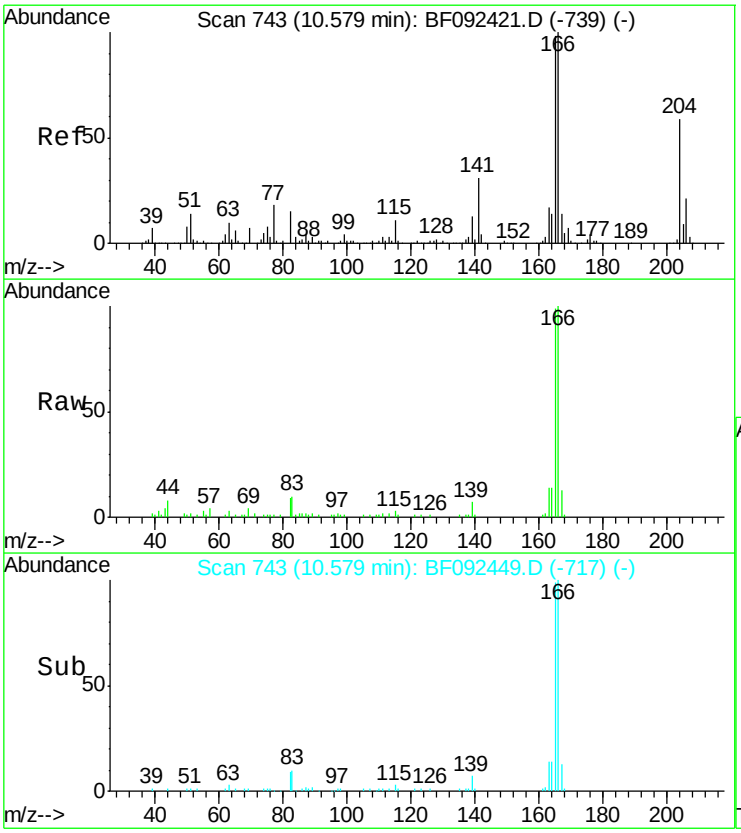
#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:165 Resp: 39677

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

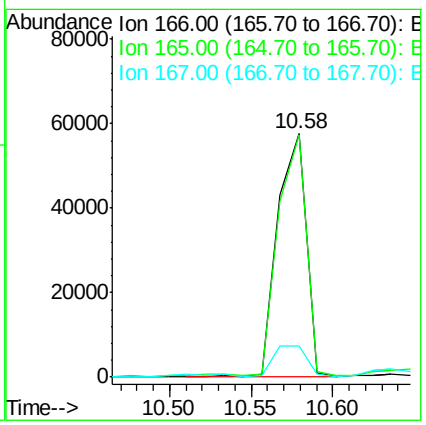


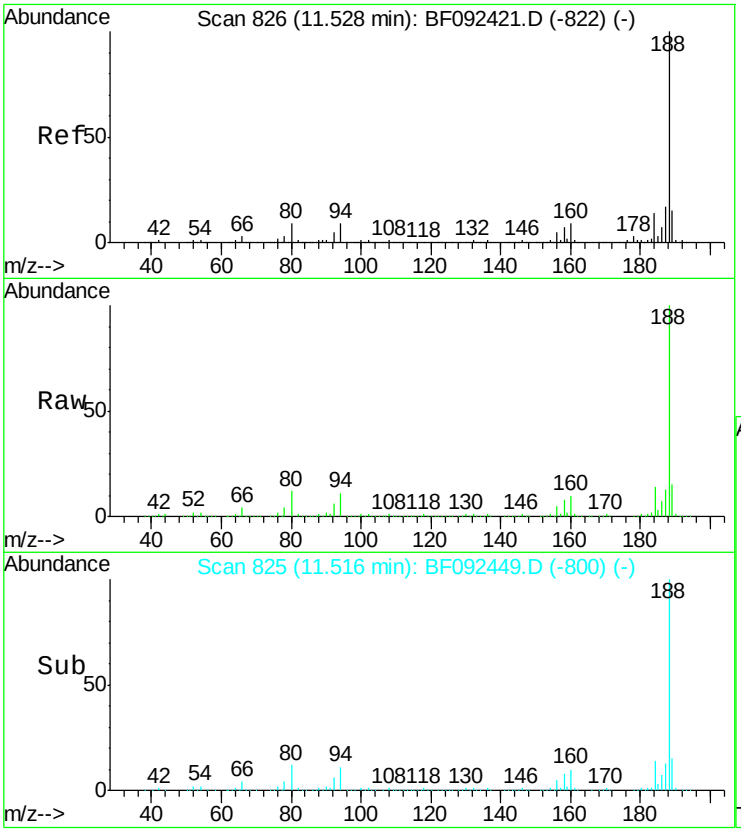


#57
Fluorene
Concen: 4.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:166 Resp: 70331

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	12.7	10.8	16.2



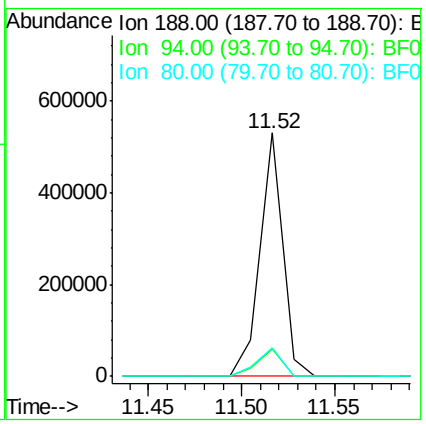


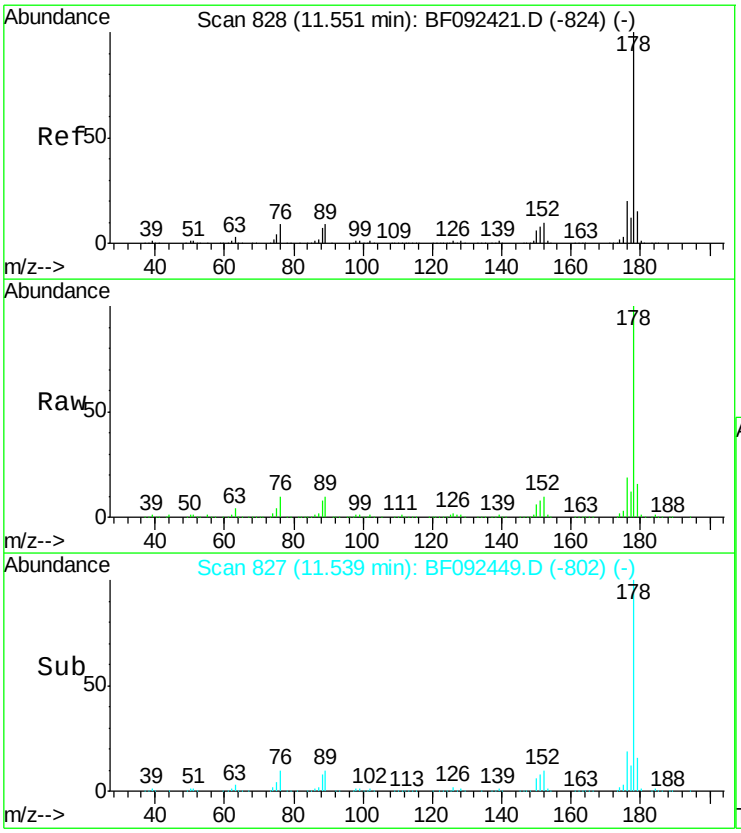
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:188 Resp: 445776

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.9	11.2	16.8

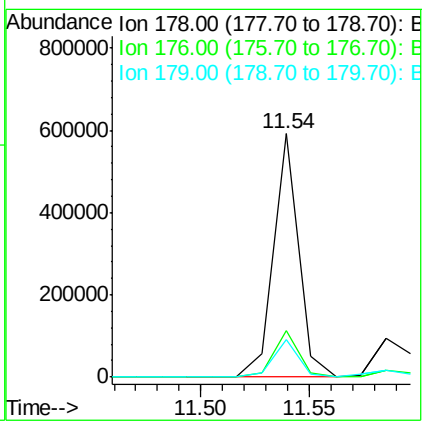


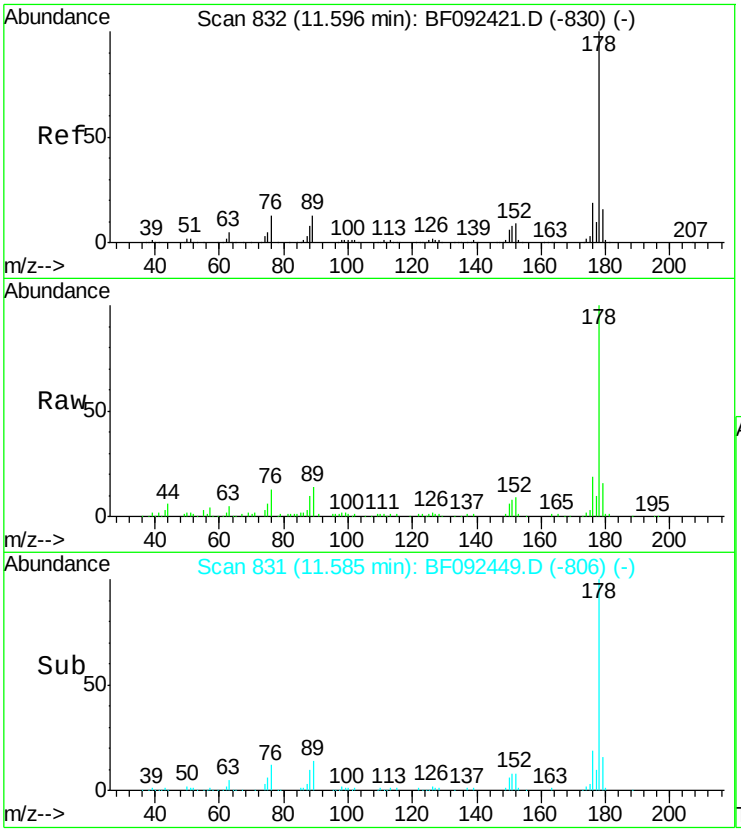


#70
Phenanthrene
Concen: 19.65 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:178 Resp: 482445

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.6	12.8	19.2



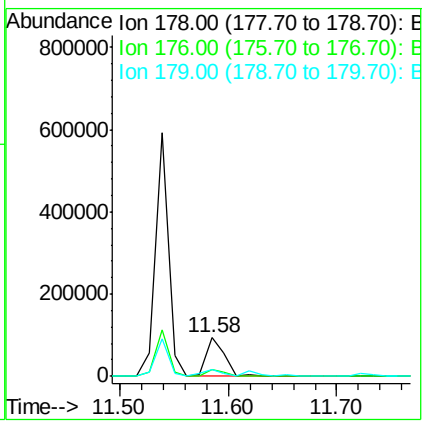


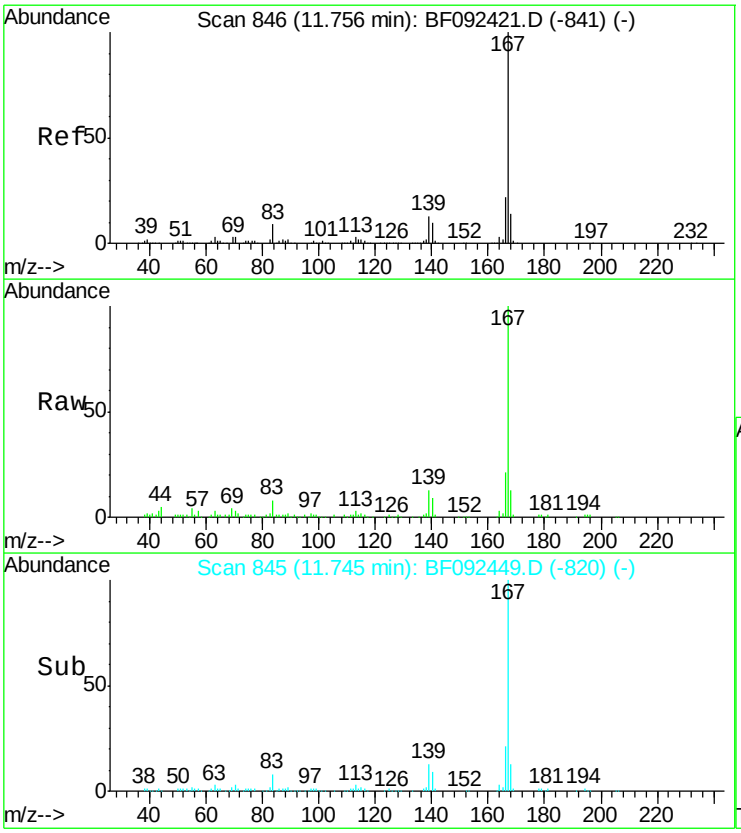
#71
Anthracene
Concen: 4.68 ng
RT: 11.58 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:178 Resp: 112325

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.3	13.2	19.8

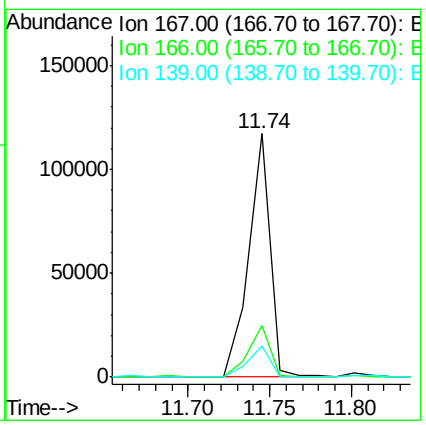


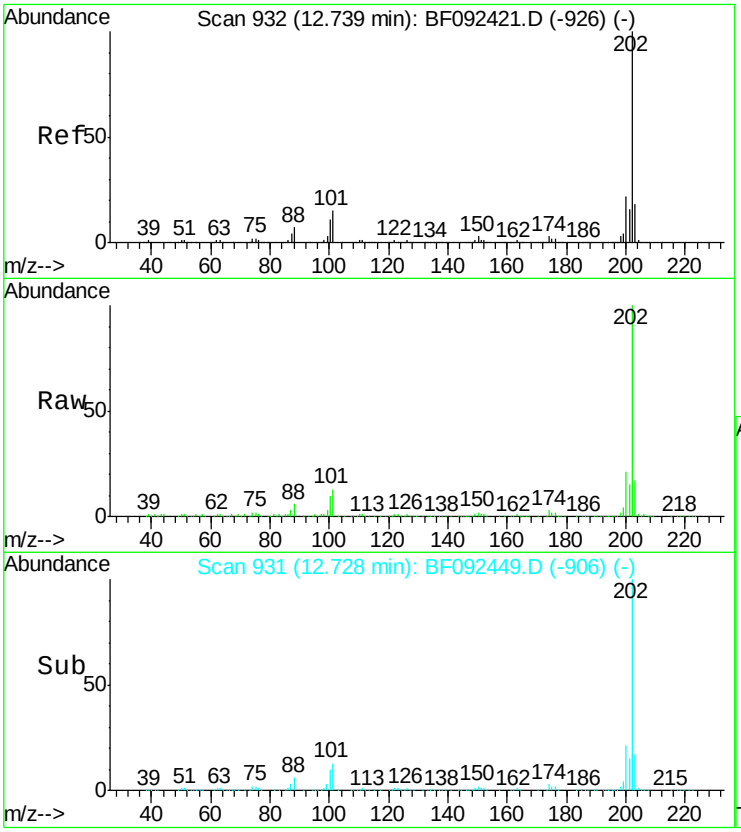


#72
Carbazole
Concen: 4.67 ng
RT: 11.74 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:167 Resp: 107029

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	13.0	11.4	17.2



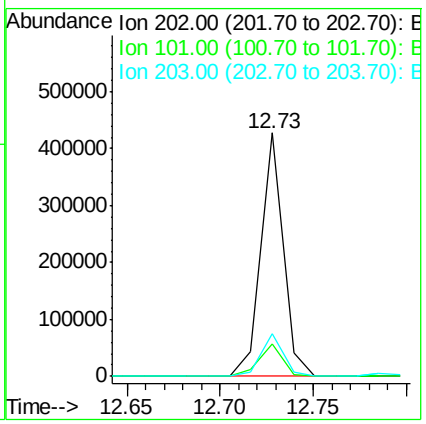


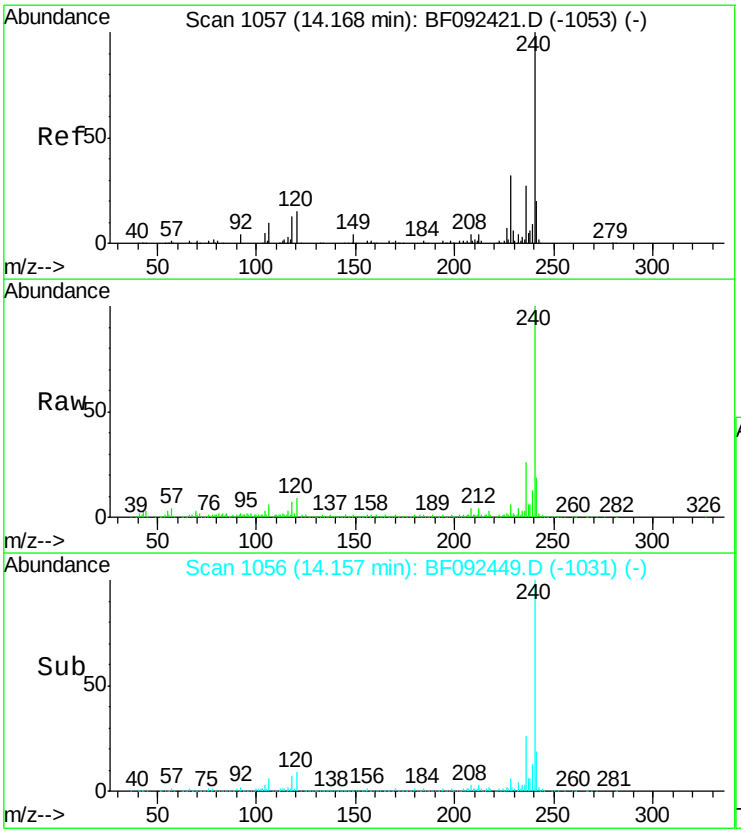
#74
Fluoranthene
Concen: 14.66 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:202 Resp: 352114

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	17.3	0.0	38.7

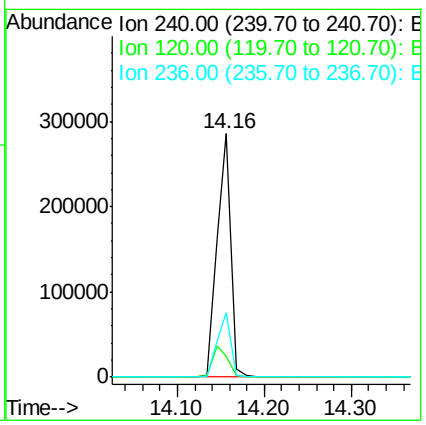


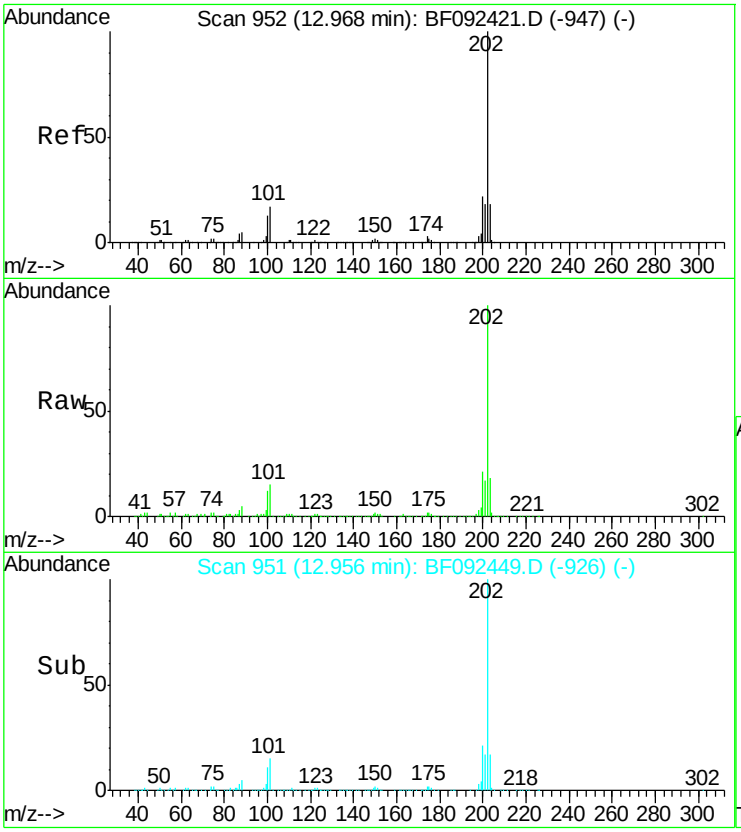


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:240 Resp: 321423

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.9	19.3#
236	26.2	20.9	31.3



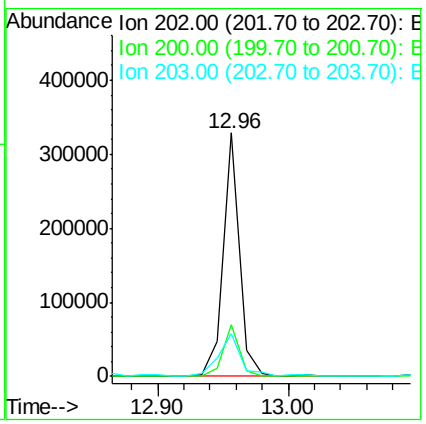


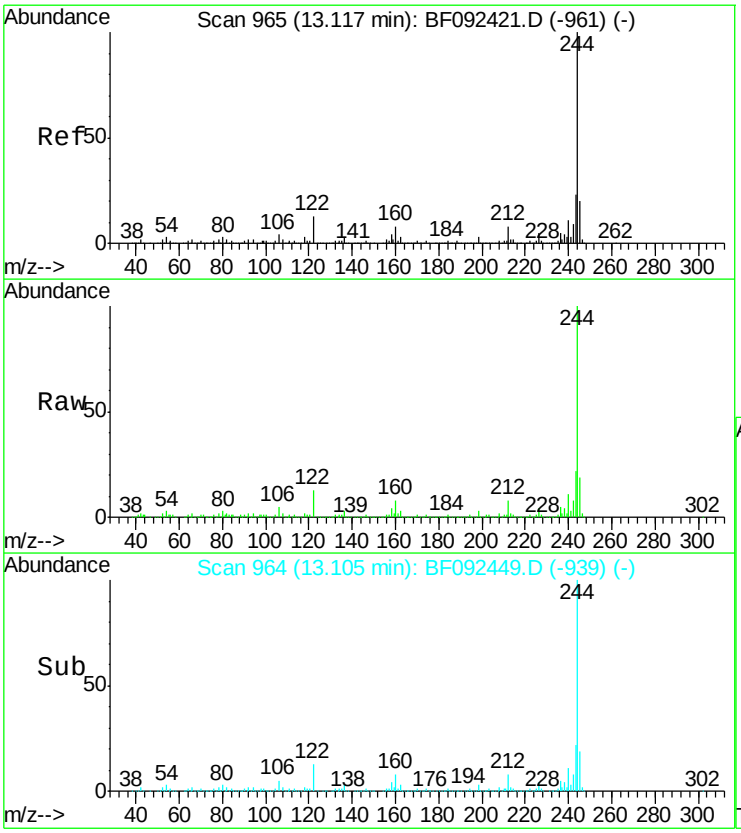
#77
Pyrene
Concen: 12.36 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:202 Resp: 287786

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.8	14.7	22.1

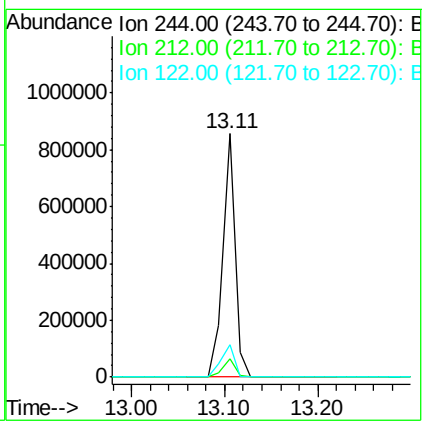


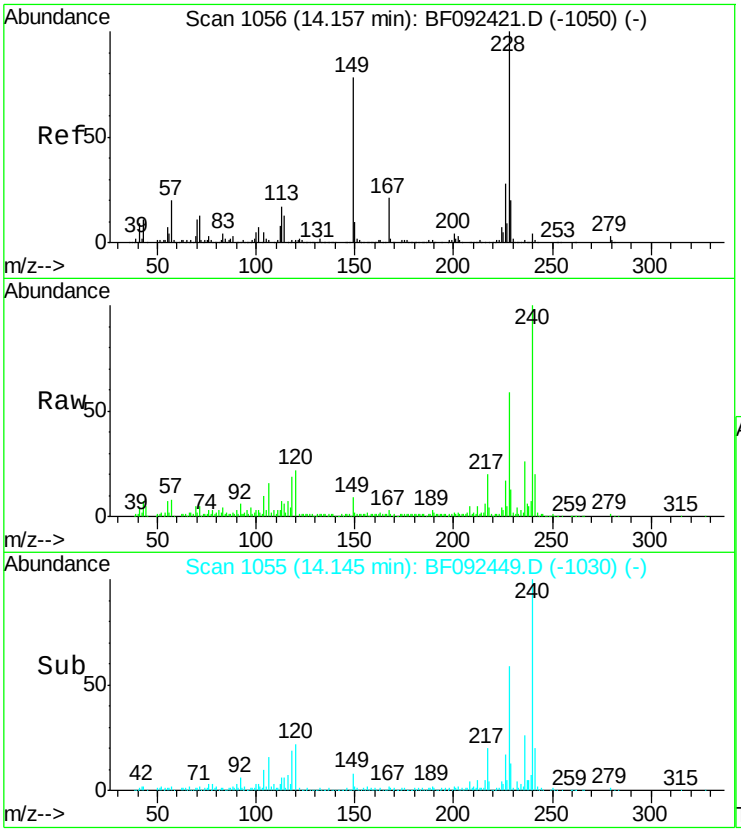


#78
Terphenyl-d14
Concen: 64.60 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:244 Resp: 779779

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.3	11.4	17.2



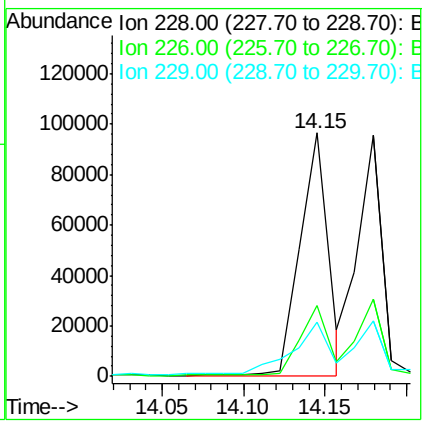


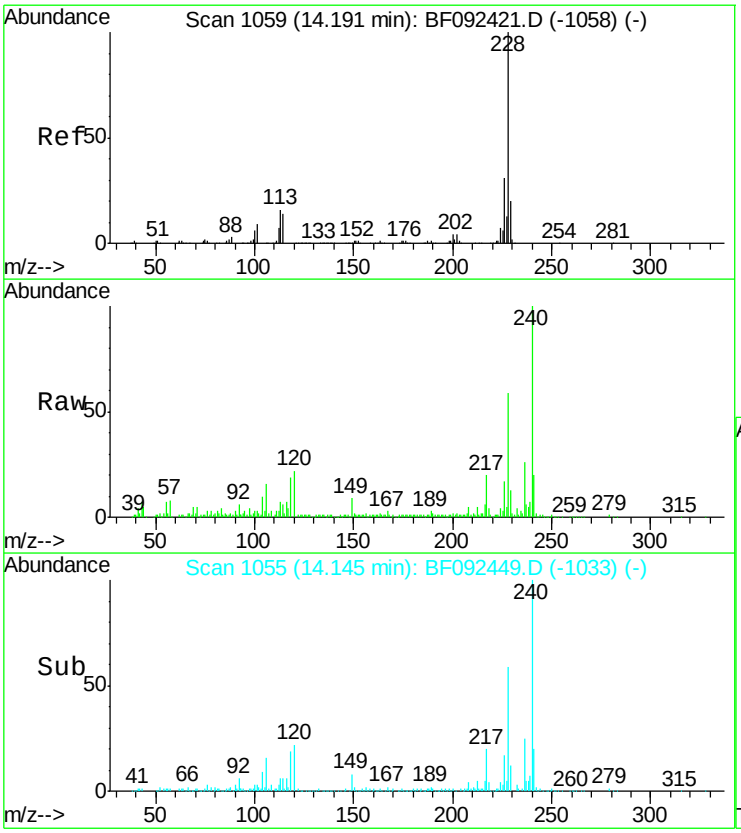
#80
Benzo(a)anthracene
Concen: 6.66 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:228 Resp: 115130

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	22.3	16.2	24.4

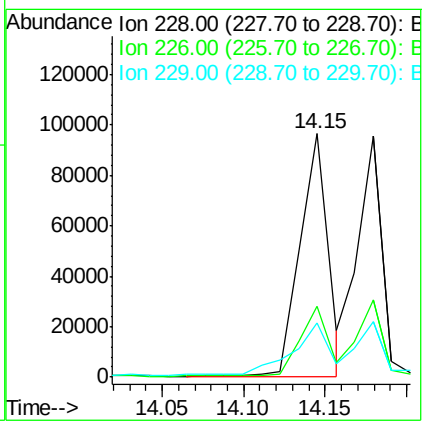


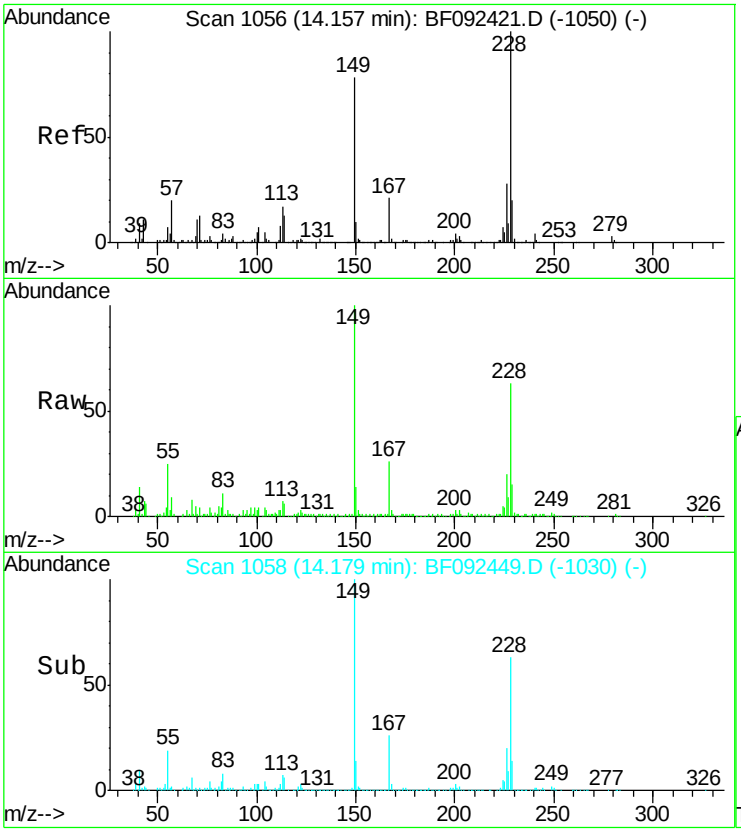


#82
Chrysene
Concen: 6.24 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:228 Resp: 115130

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.0
229	22.3	16.2	24.2



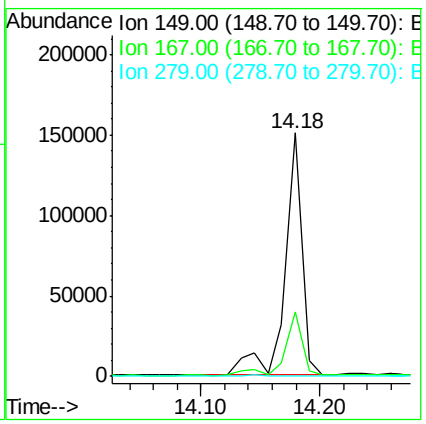


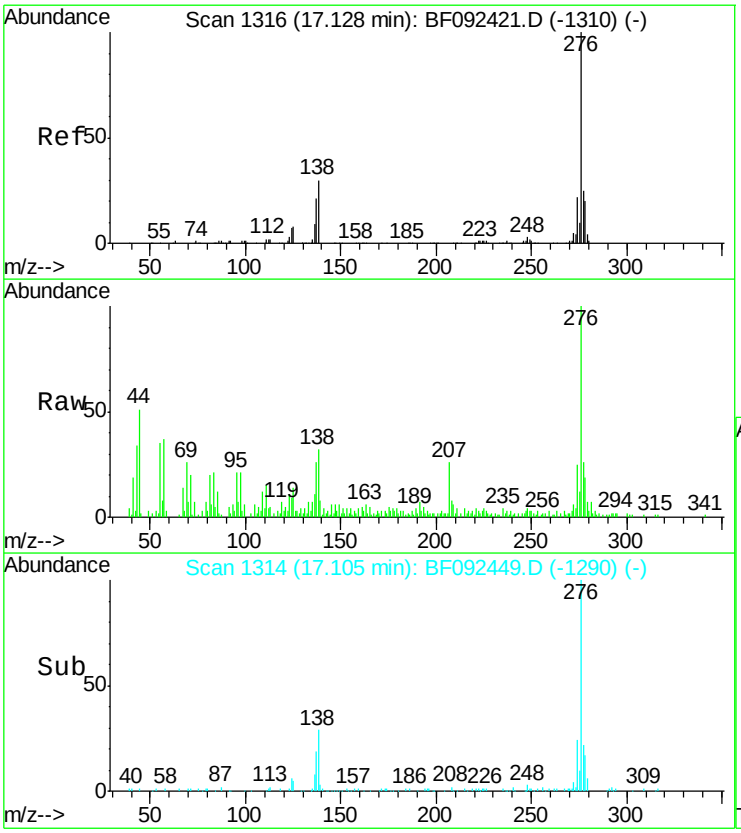
#83
Bis(2-ethylhexyl)phthalate
Concen: 12.47 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:149 Resp: 148189

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	0.0	1.8	2.8#

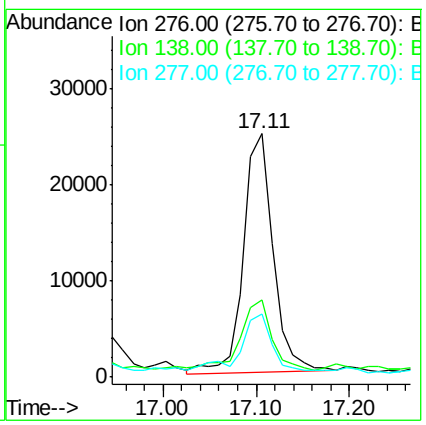


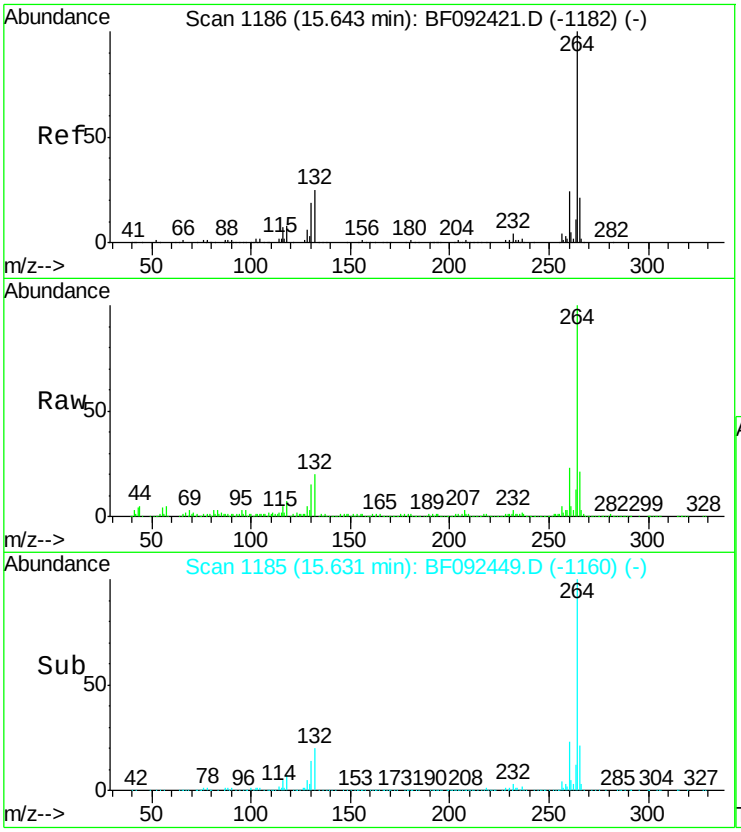


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.01 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:276 Resp: 54733

Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6#
277	24.6	20.2	30.4



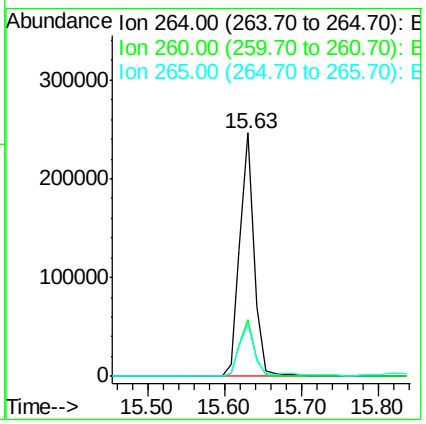


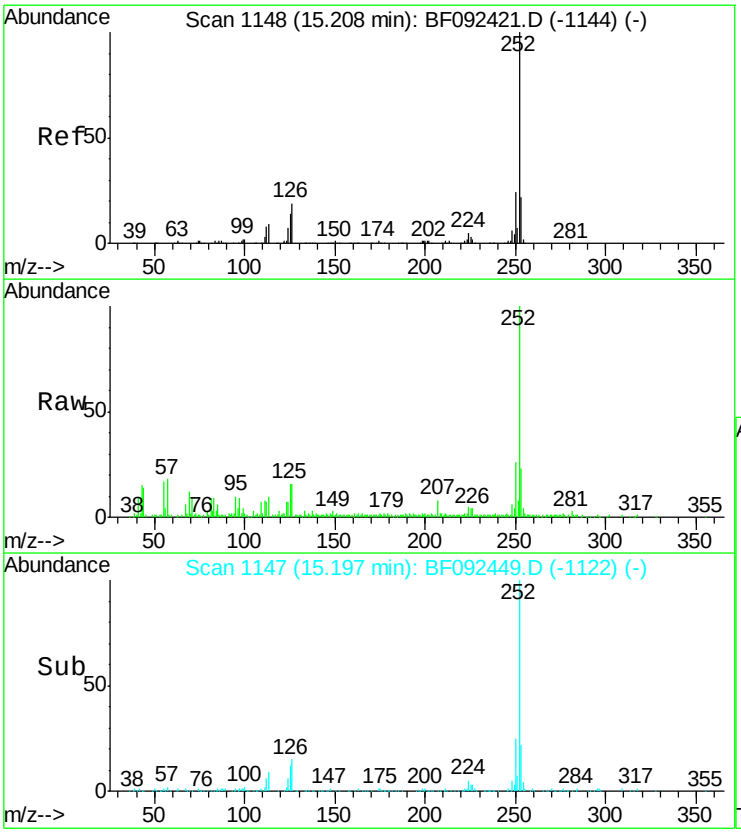
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:264 Resp: 326249

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.4	26.0

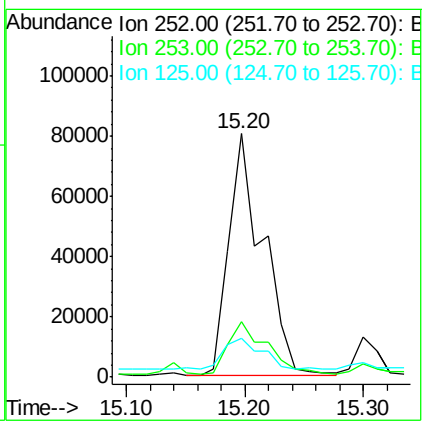


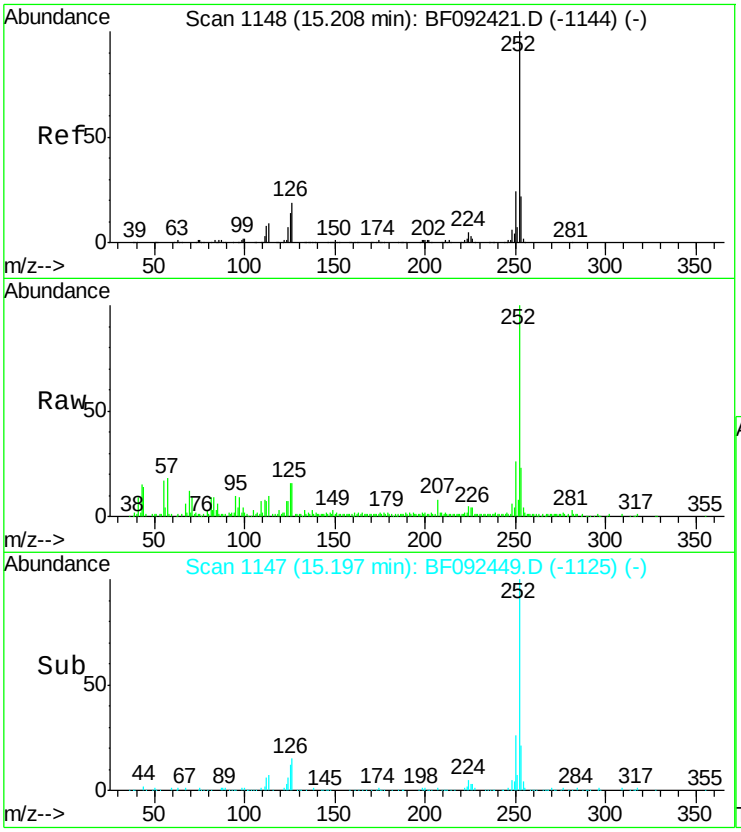


#87
Benzo(b)fluoranthene
Concen: 7.67 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:252 Resp: 160735

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	15.9	9.8	14.6#



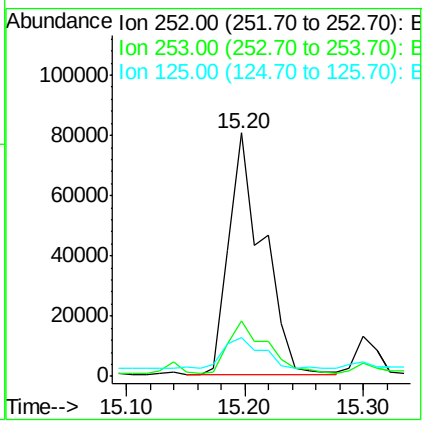


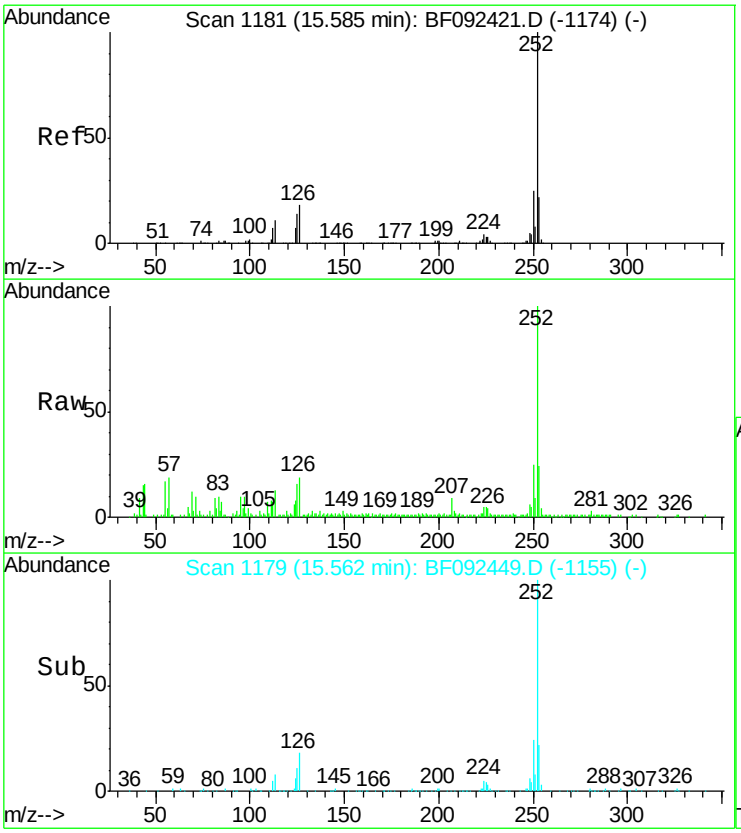
#88
Benzo(k)fluoranthene
Concen: 9.23 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:252 Resp: 160735

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	15.9	8.9	13.3#

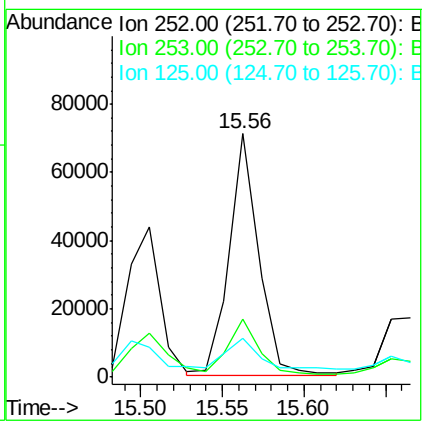


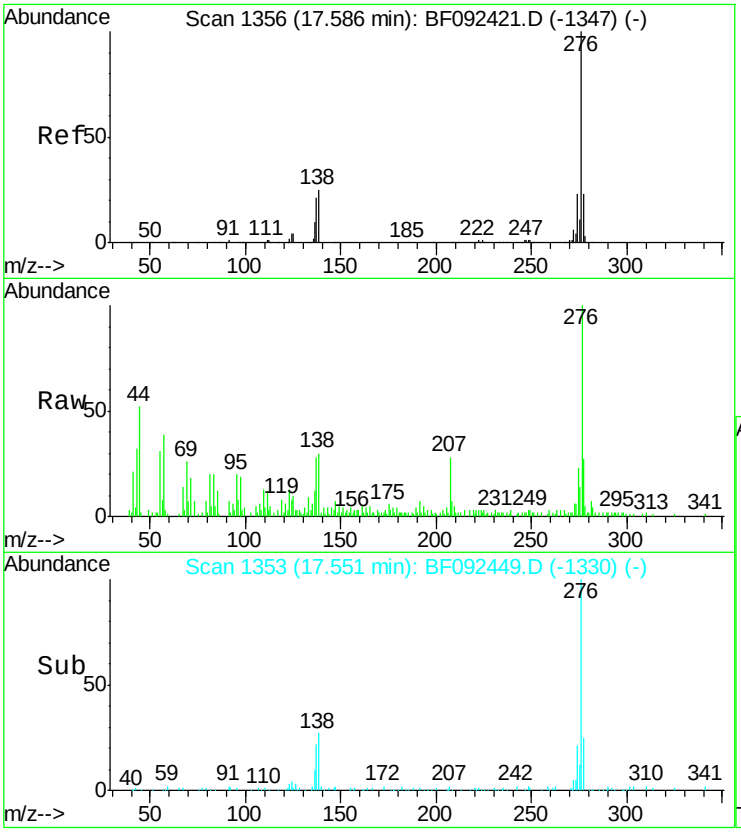


#89
Benzo(a)pyrene
Concen: 4.95 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Tgt Ion:252 Resp: 87701

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	16.1	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 17.55 min Scan# 1353
Delta R.T. -0.03 min
Lab File: BF092449.D
Acq: 25 Jan 2017 00:36

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-C

Tgt Ion:276 Resp: 55093

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.2	28.8
138	30.0	16.0	24.0#