Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093346.D
Acq On : 3 Mar 2017 2:56
Operator : SJ/MA
Sample : I2036-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-001-B

Quant Time: Mar 03 03:53:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	166360	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	648968	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	276799	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	476972	20.00	ng		0.00
75) Chrysene-d12	13.97	240	313014	20.00	ng		-0.01
86) Perylene-d12	15.40	264	292453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	892087	92.00	ng		0.00
7) Phenol-d6	6.44	99	1155308	92.60	ng		-0.01
23) Nitrobenzene-d5	7.37	82	722219	61.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	179098	89.46	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1239398	81.12	ng		0.00
78) Terphenyl-d14	12.92	244	756396	56.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	90714	6.21	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	96459	12.15	ng	#	81
25) Isophorone	7.37	82	600570	27.66	ng	#	65
49) Dimethylphthalate	9.57	163	100585	5.40	ng		98
50) 2,6-Dinitrotoluene	9.85	165	35636	8.85	ng	#	31
56) 2,4-Dinitrotoluene	9.85	165	35637	6.65	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.65	198	344	2.78	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	13518	2.71	ng	#	1
70) Phenanthrene	11.37	178	77422	2.83	ng		96
71) Anthracene	11.37	178	77422	2.82	ng		97
74) Fluoranthene	12.56	202	107169	3.80	ng		94
77) Pyrene	12.79	202	95284	4.07	ng		97
80) Benzo(a)anthracene	13.96	228	46349	2.42	ng		97
85) Indeno(1,2,3-cd)pyrene	16.80	276	30707	2.21	ng		94
87) Benzo(b)fluoranthene	14.99	252	73846	3.84	ng	#	91
88) Benzo(k)fluoranthene	14.99	252	73846	4.44	ng	#	91
89) Benzo(a)pyrene	15.35	252	42677	2.56	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
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Acq On : 3 Mar 2017 2:56
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Misc :
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Instrument :
BNA_F
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FK-GF-03-001-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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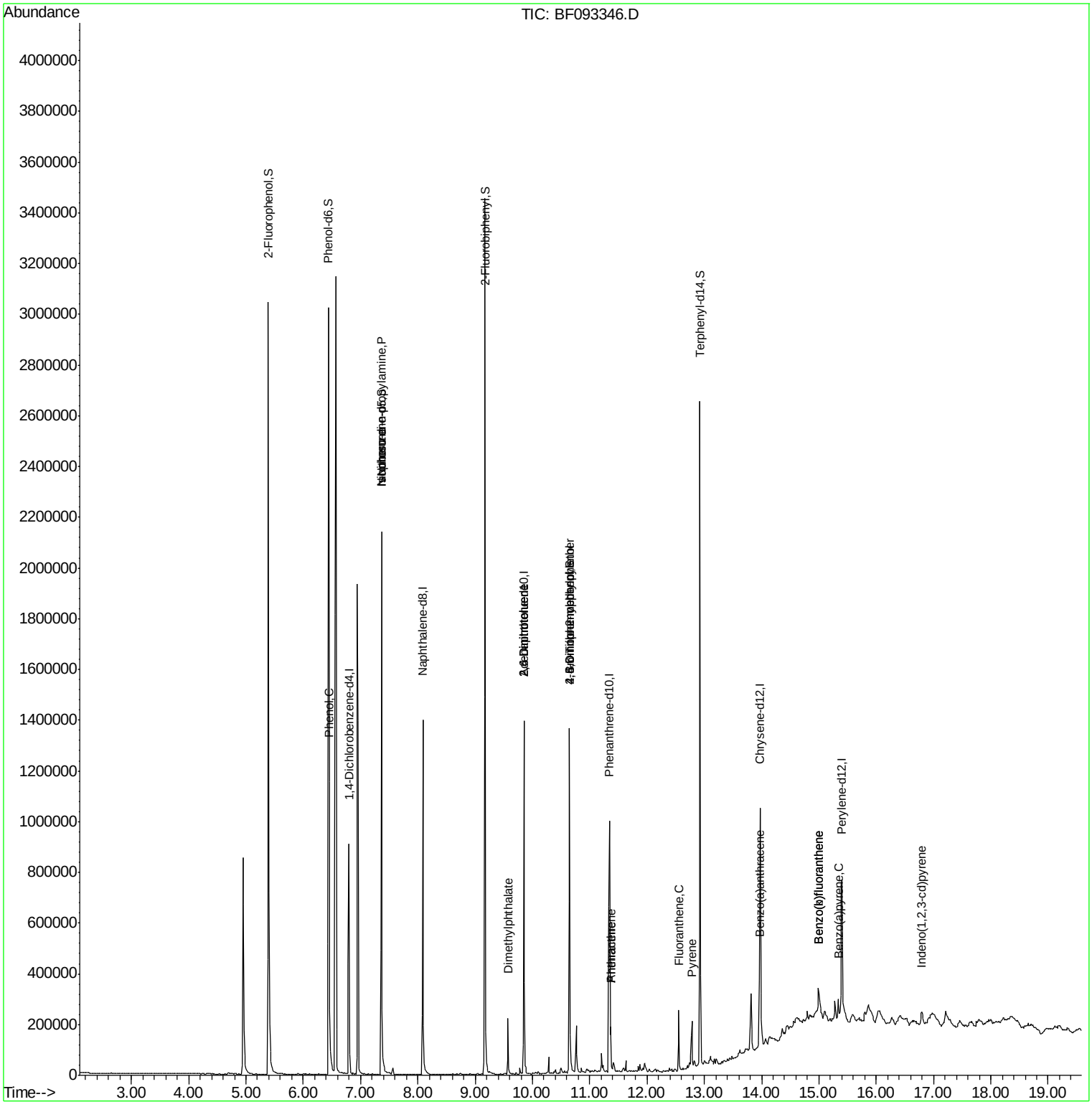
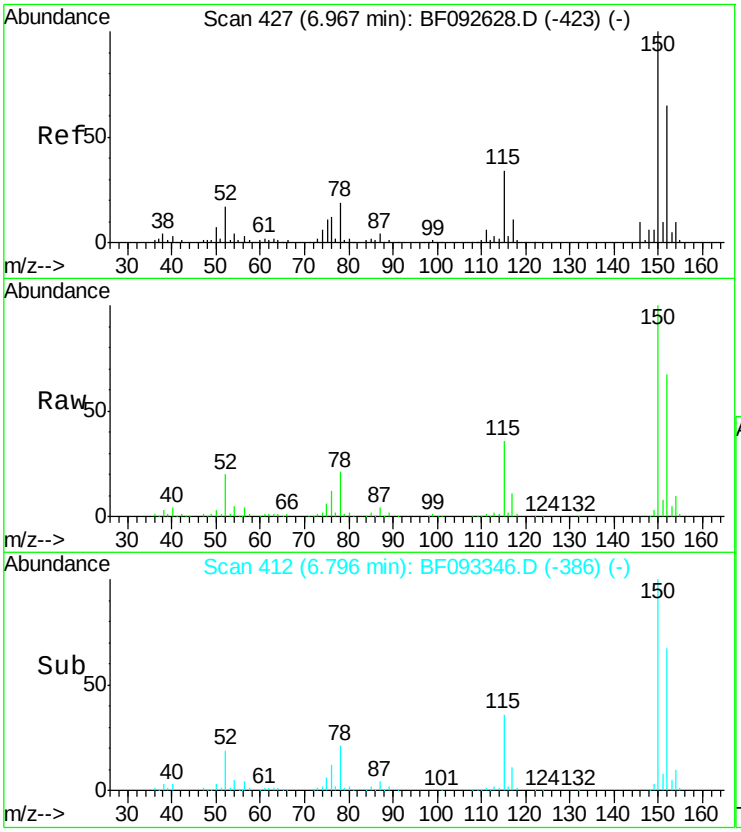


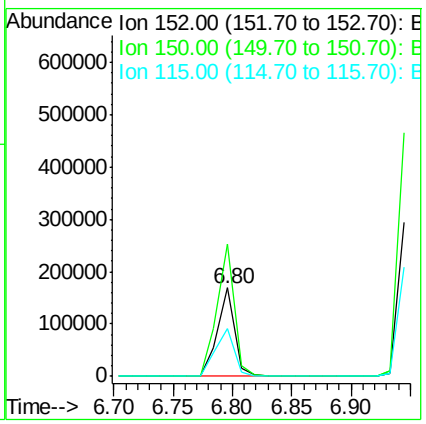


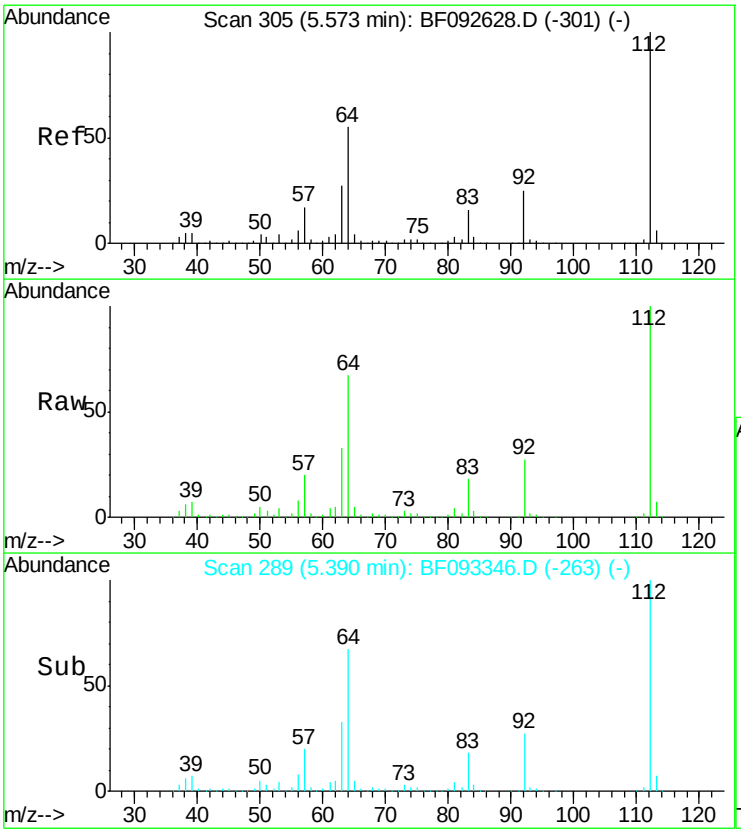
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:152 Resp: 166360

Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.9	187.3
115	54.0	46.0	69.0

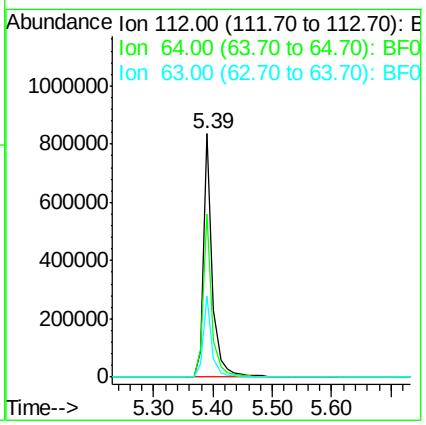


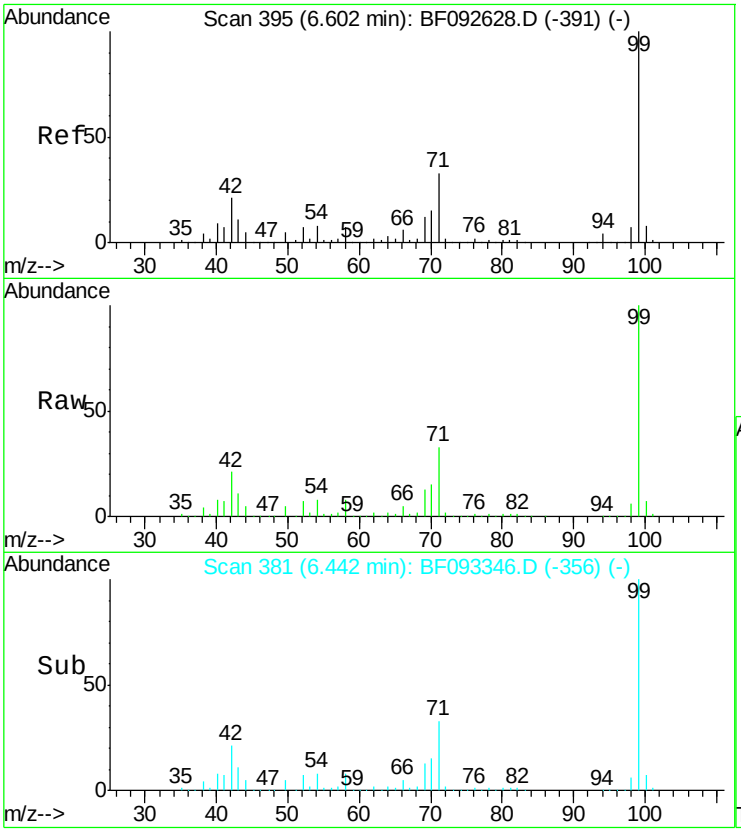


#5
2-Fluorophenol
Concen: 92.00 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:112 Resp: 892087

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.1	69.1
63	33.4	23.8	35.6



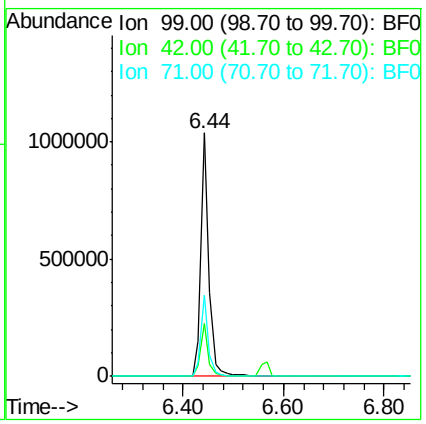


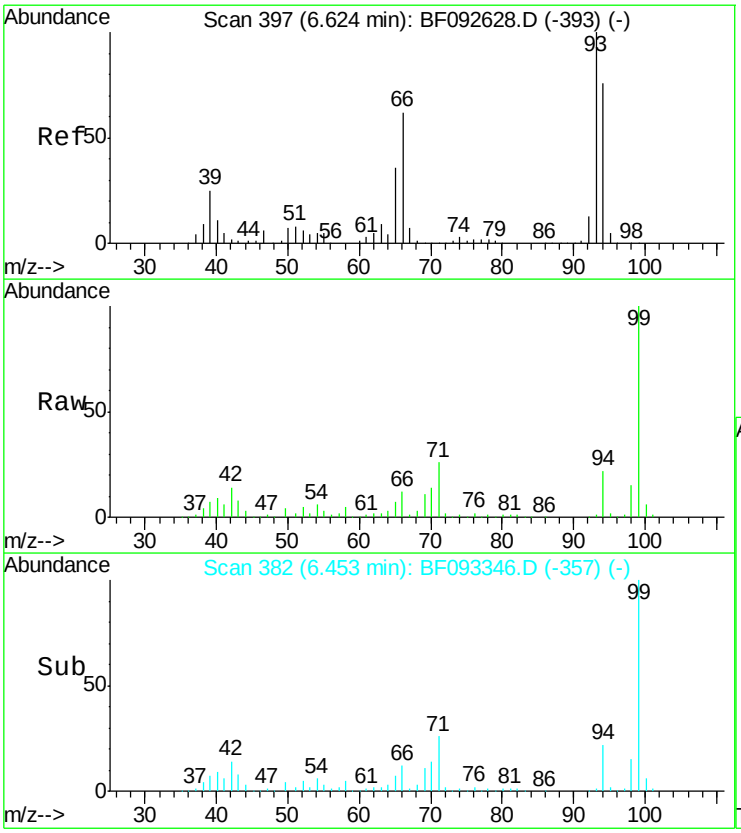
#7
Phenol-d6
Concen: 92.60 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion: 99 Resp: 1155308

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.2	27.5	41.3

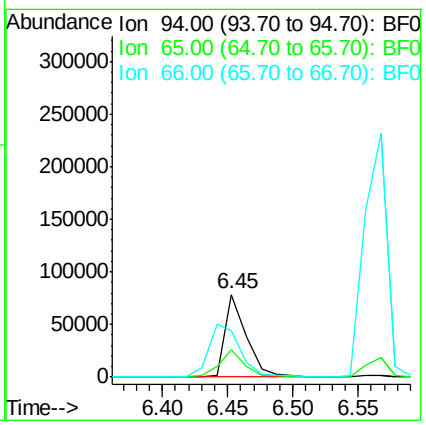


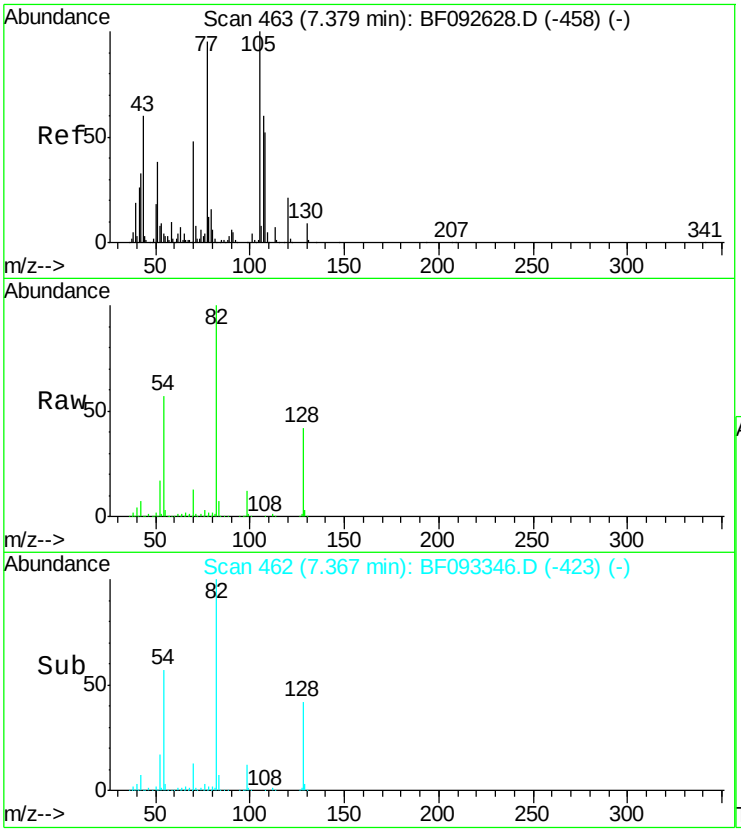


#10
Phenol
Concen: 6.21 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion: 94 Resp: 90714

Ion	Ratio	Lower	Upper
94	100		
65	33.6	21.4	61.4
66	56.0	44.0	84.0



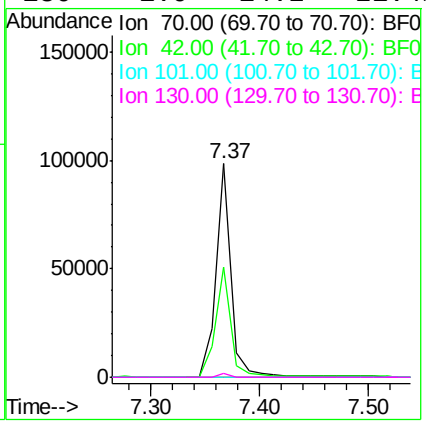


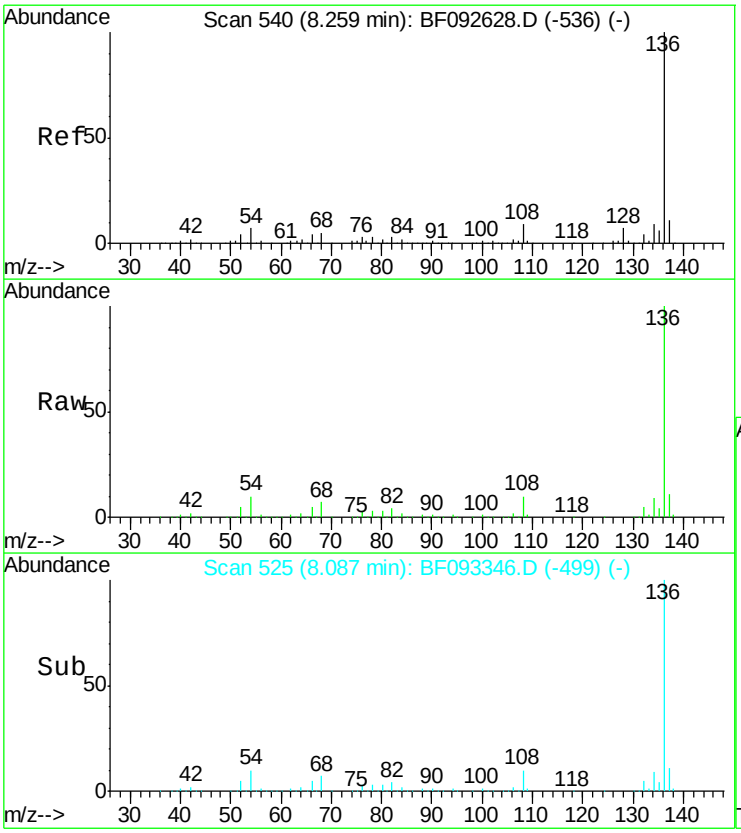
#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion: 70 Resp: 96459

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

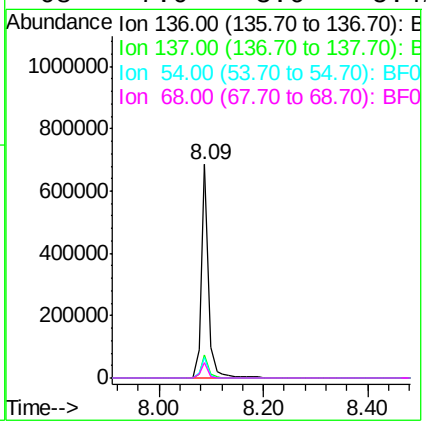


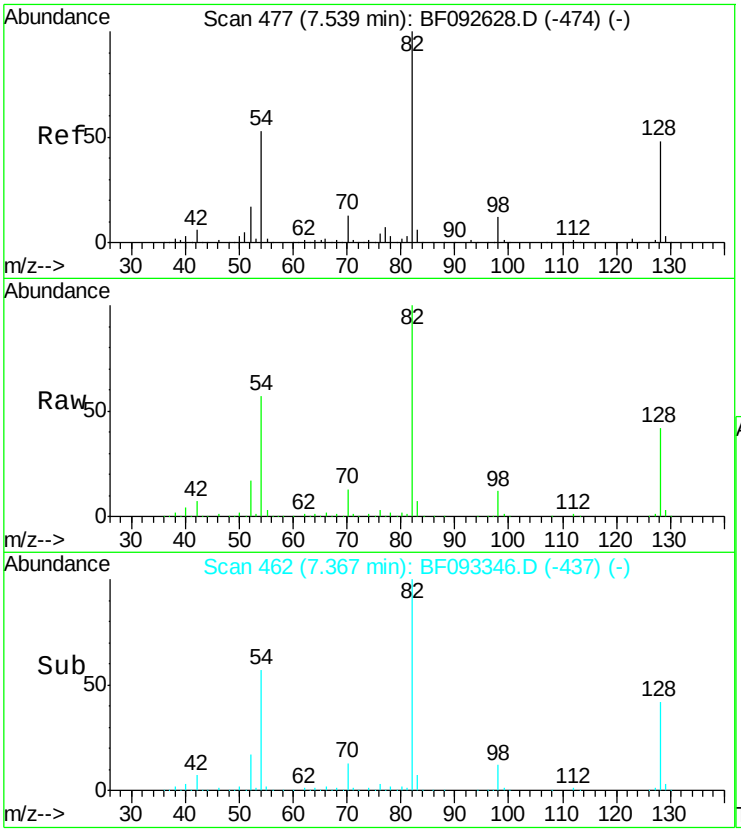


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:136 Resp: 648968

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.8	4.5	6.7#
68	7.0	3.6	5.4#



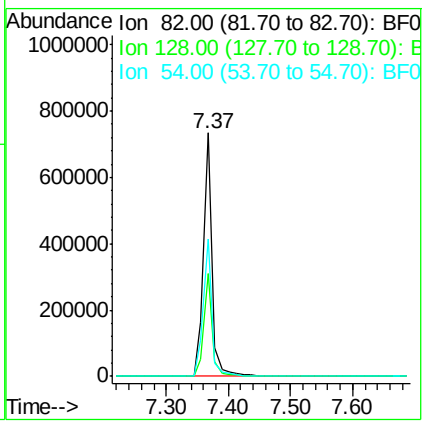


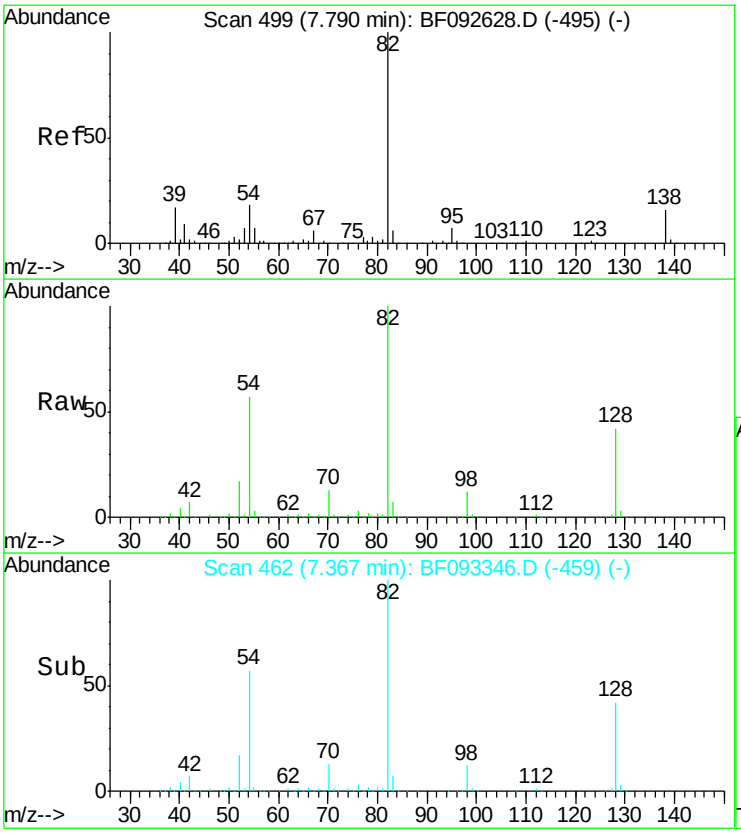
#23
Nitrobenzene-d5
Concen: 61.97 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion: 82 Resp: 722219

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	56.5	39.5	59.3

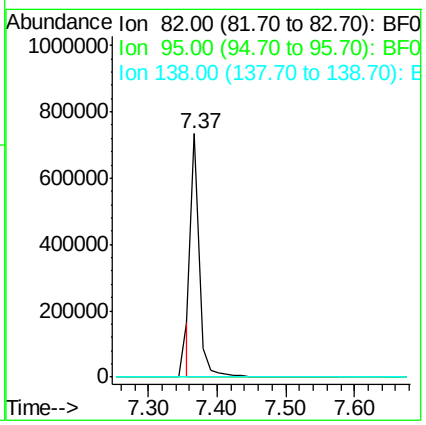


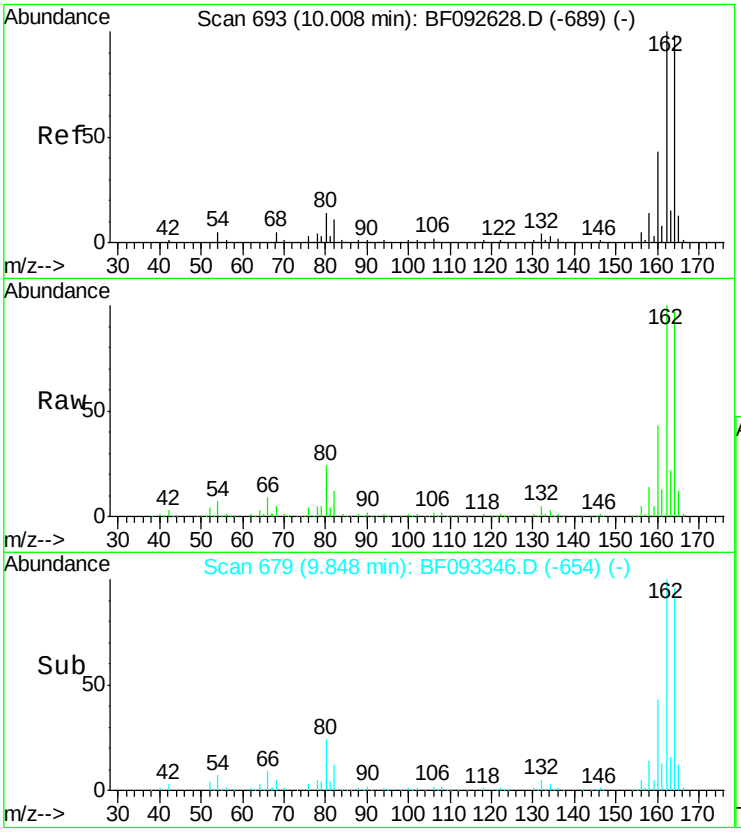


#25
Isophorone
Concen: 27.66 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.26 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion: 82 Resp: 600570

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



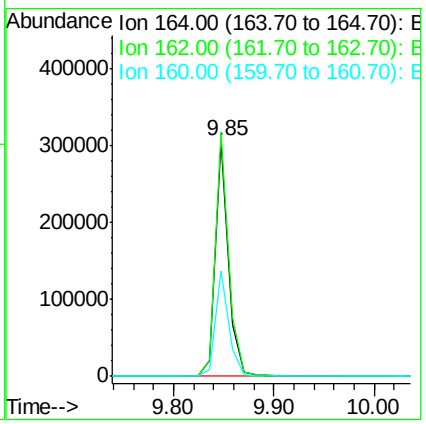


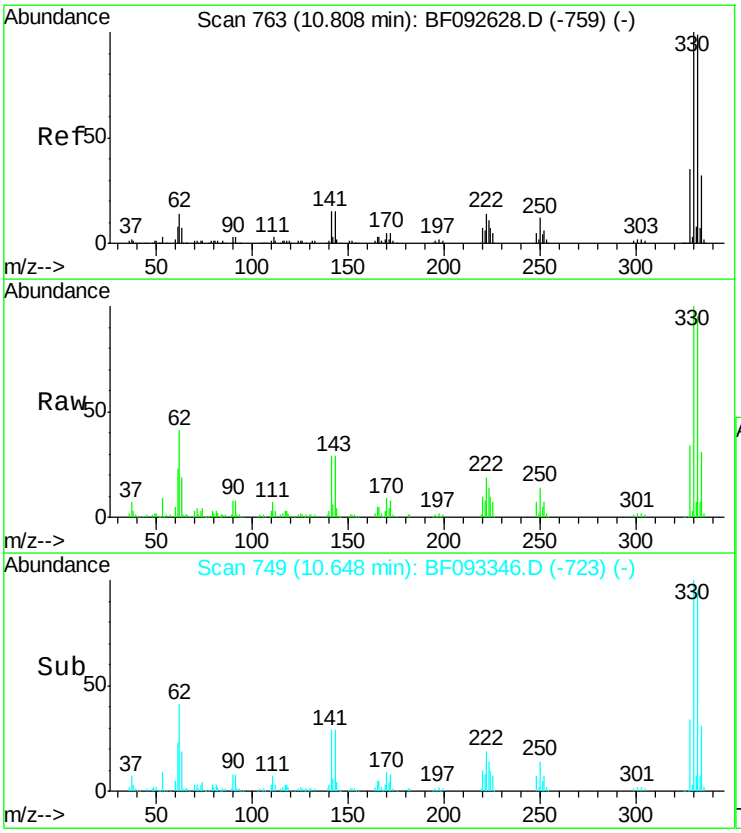
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:164 Resp: 276799

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.7	36.9	55.3

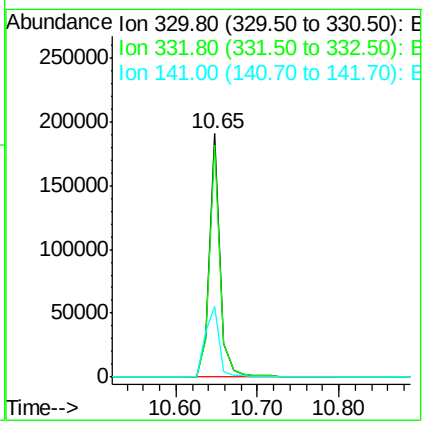


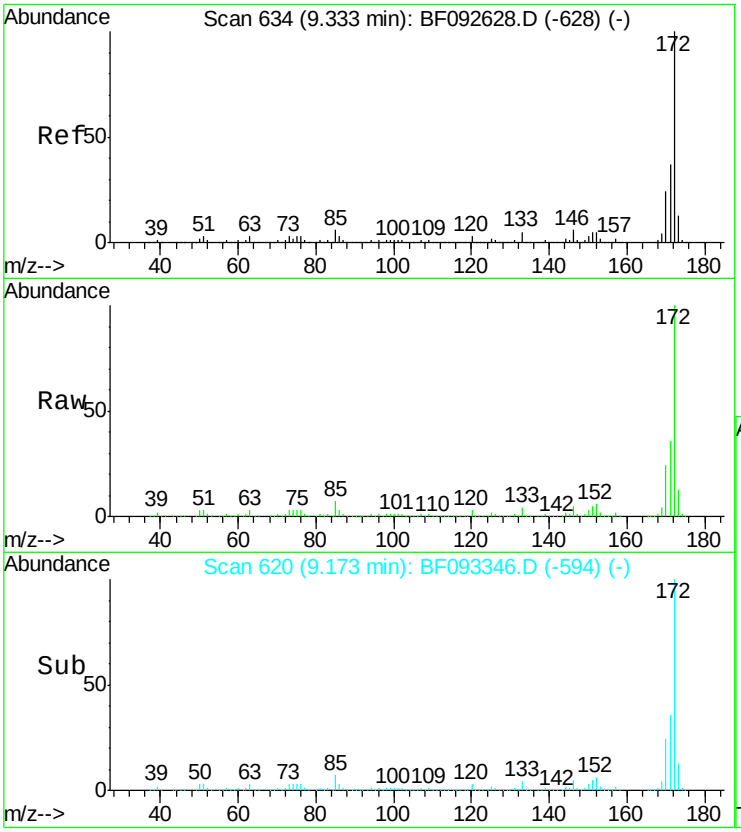


#41
2,4,6-Tribromophenol
Concen: 89.46 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:330 Resp: 179098

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.4	34.1	51.1



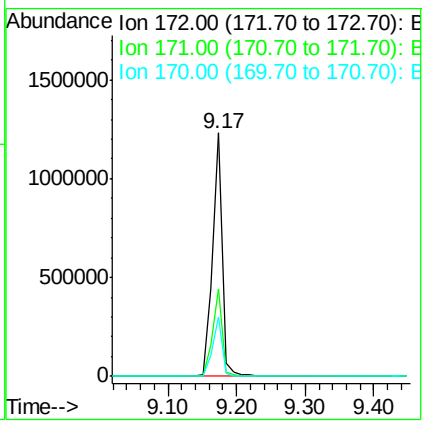


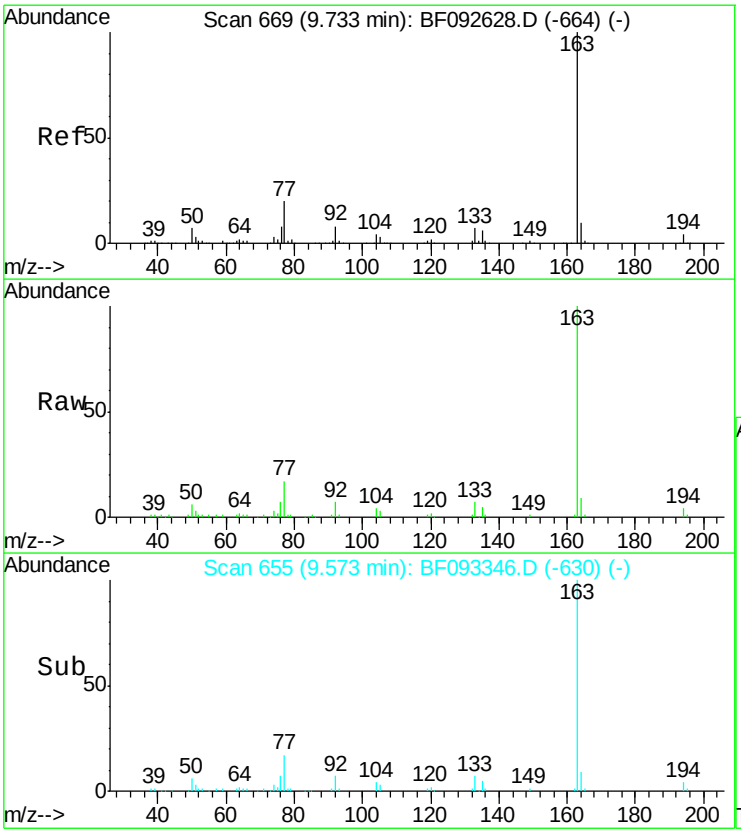
#44
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:172 Resp: 1239398

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4

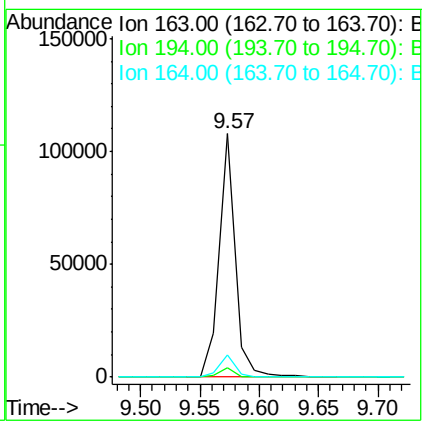


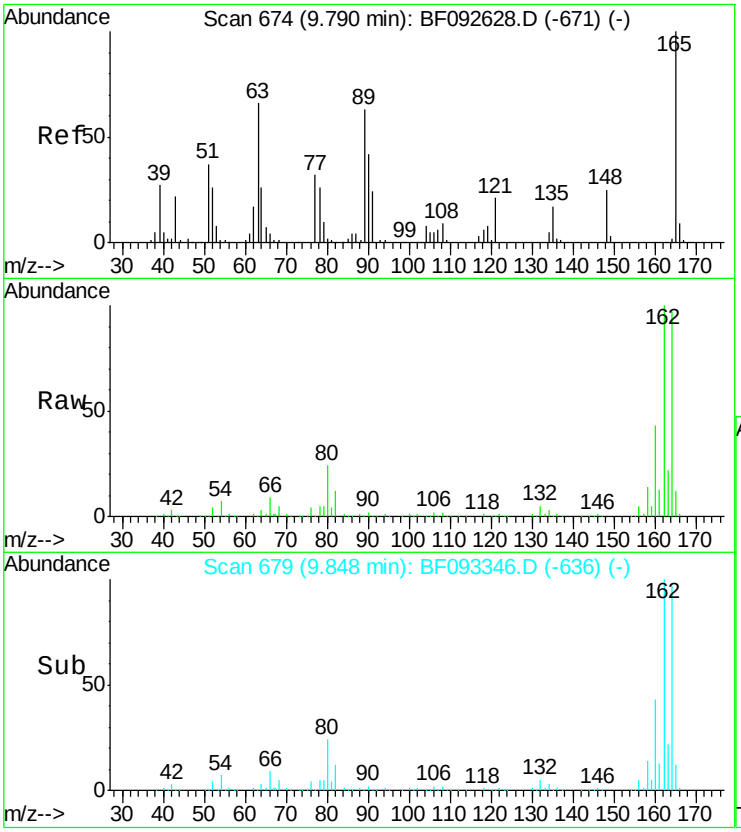


#49
Dimethylphthalate
Concen: 5.40 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:163 Resp: 100585

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.3	8.0	12.0



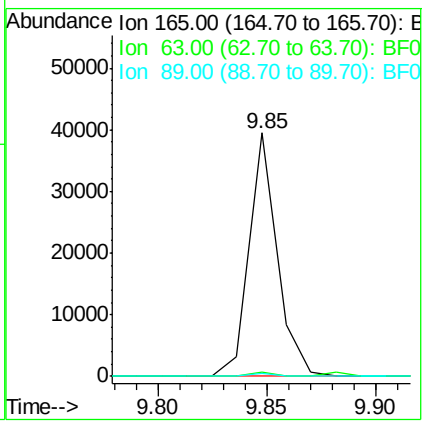


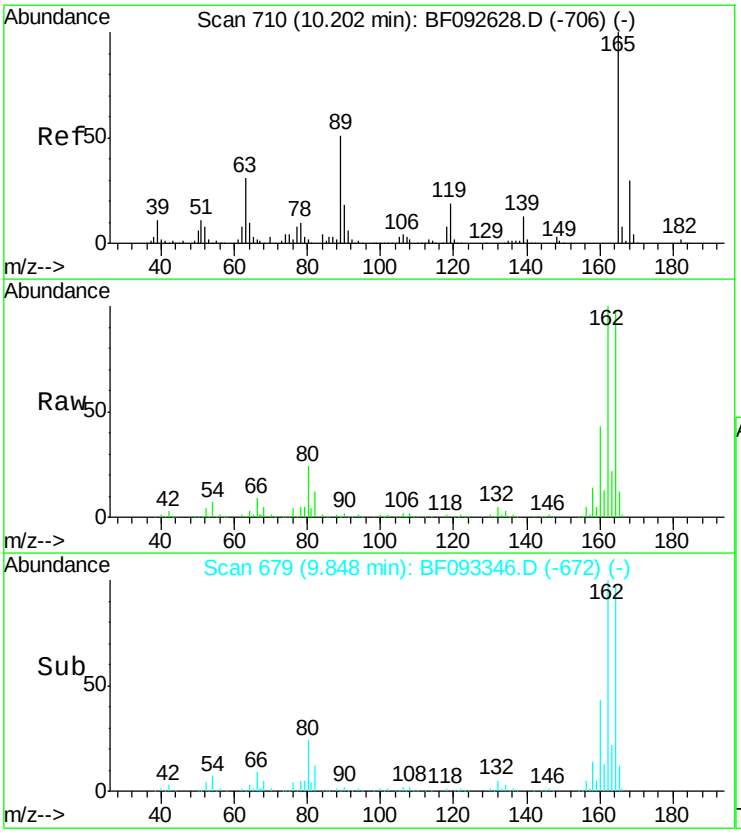
#50
2,6-Dinitrotoluene
Concen: 8.85 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.19 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:165 Resp: 35636

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.4	40.2	60.4#

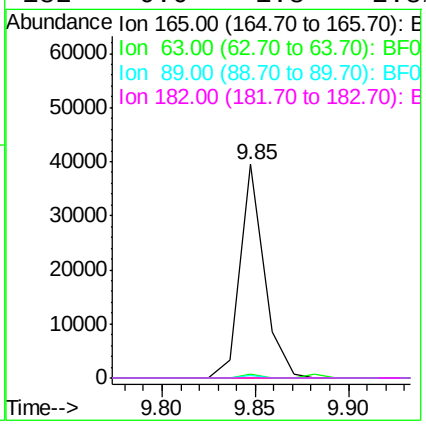


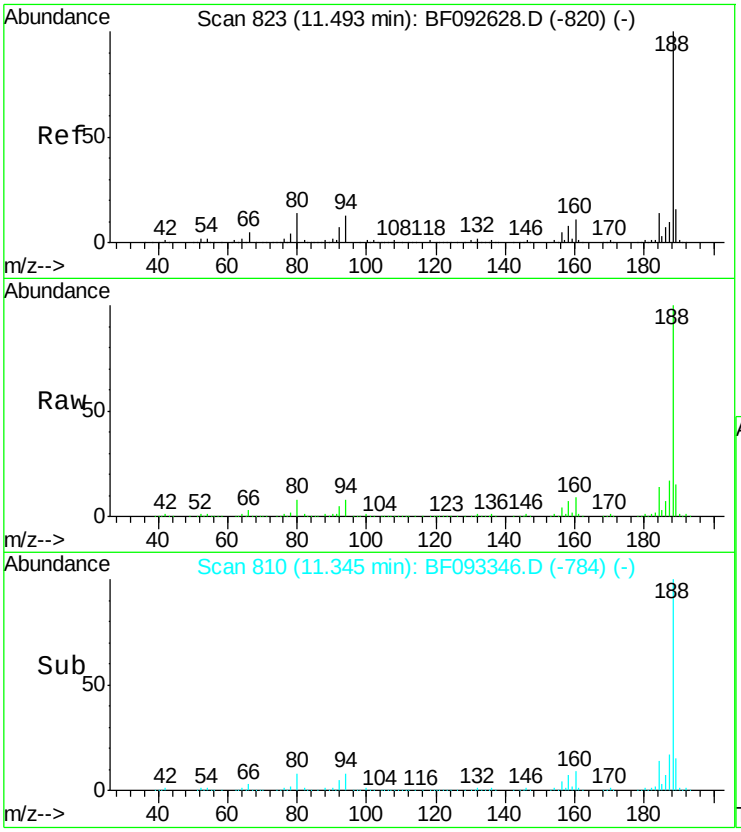


#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:165 Resp: 35637

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



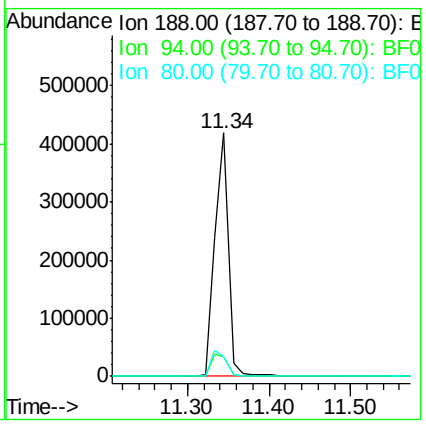


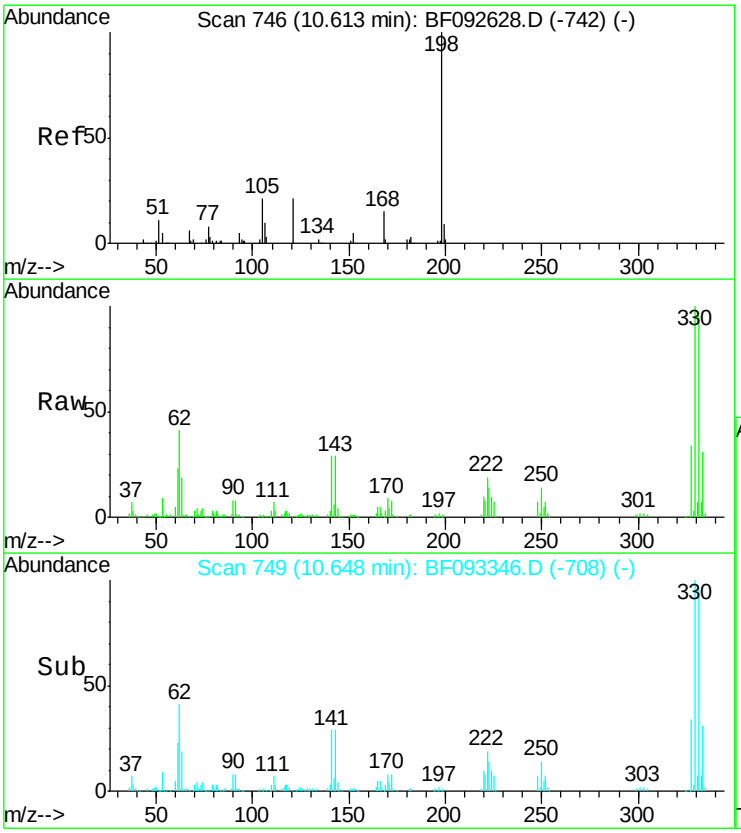
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:188 Resp: 476972

Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.2	11.2	16.8#

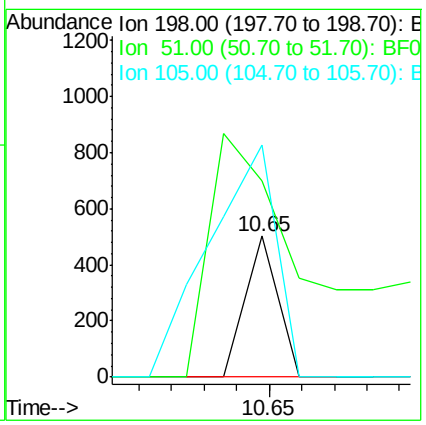


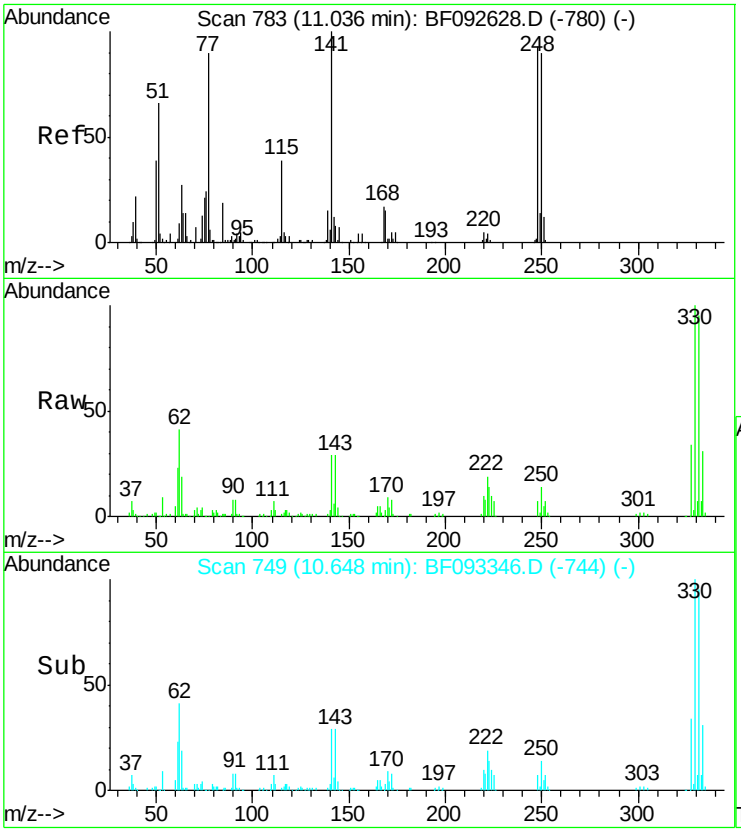


#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.17 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:198 Resp: 344

Ion	Ratio	Lower	Upper
198	100		
51	139.2	6.7	46.7#
105	164.7	16.6	56.6#



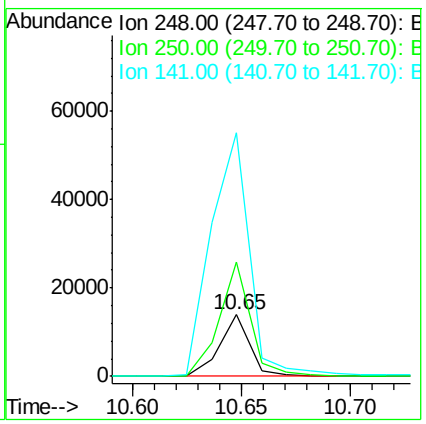


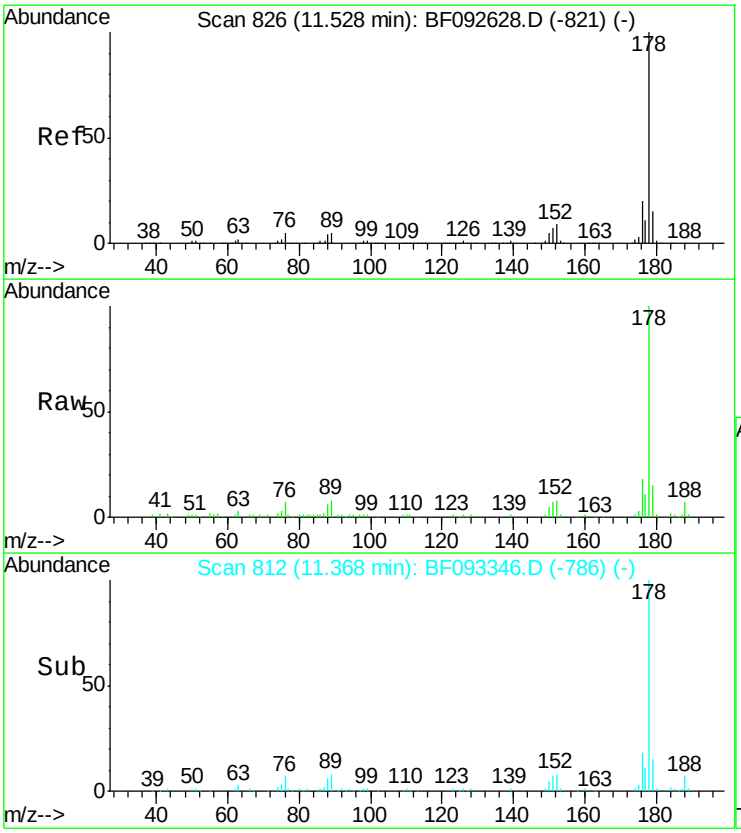
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:248 Resp: 13518

Ion	Ratio	Lower	Upper
248	100		
250	184.7	76.9	115.3#
141	394.0	68.2	102.4#

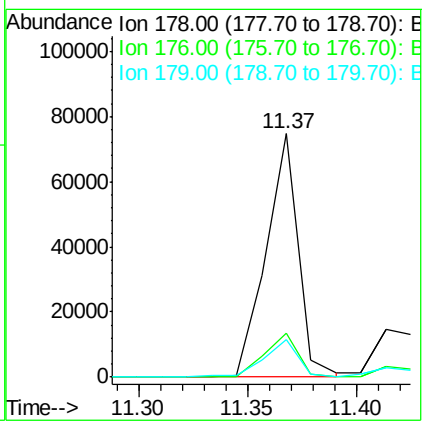


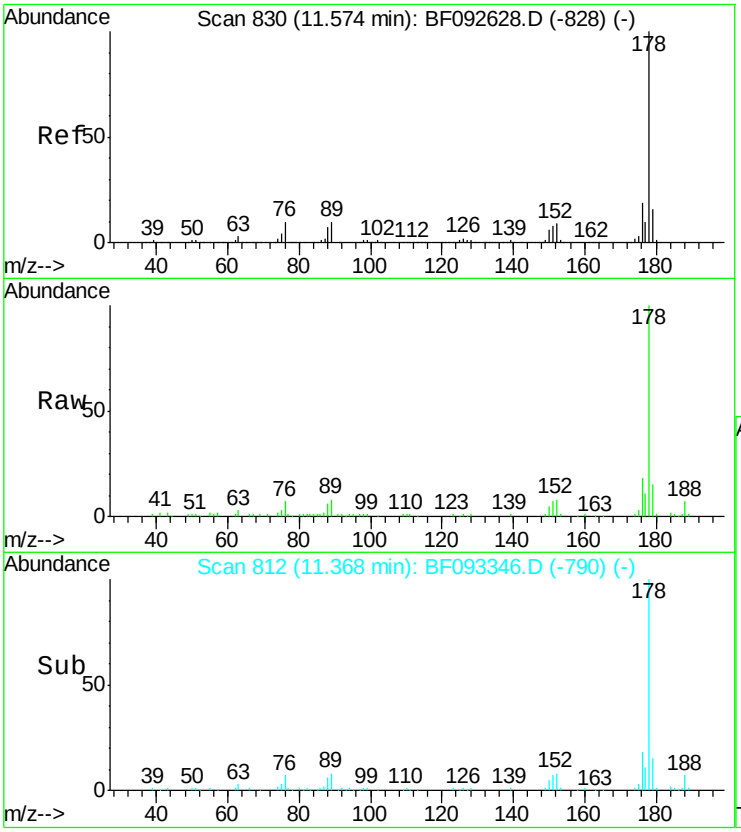


#70
Phenanthrene
Concen: 2.83 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:178 Resp: 77422

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.6	25.0
179	15.3	12.8	19.2



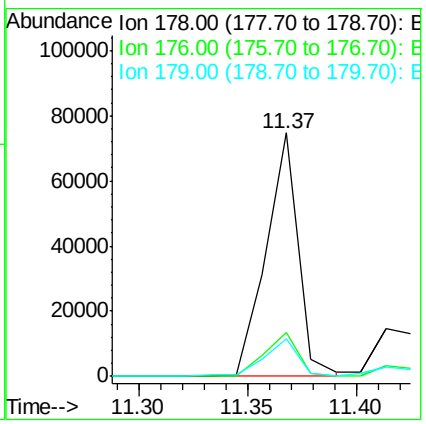


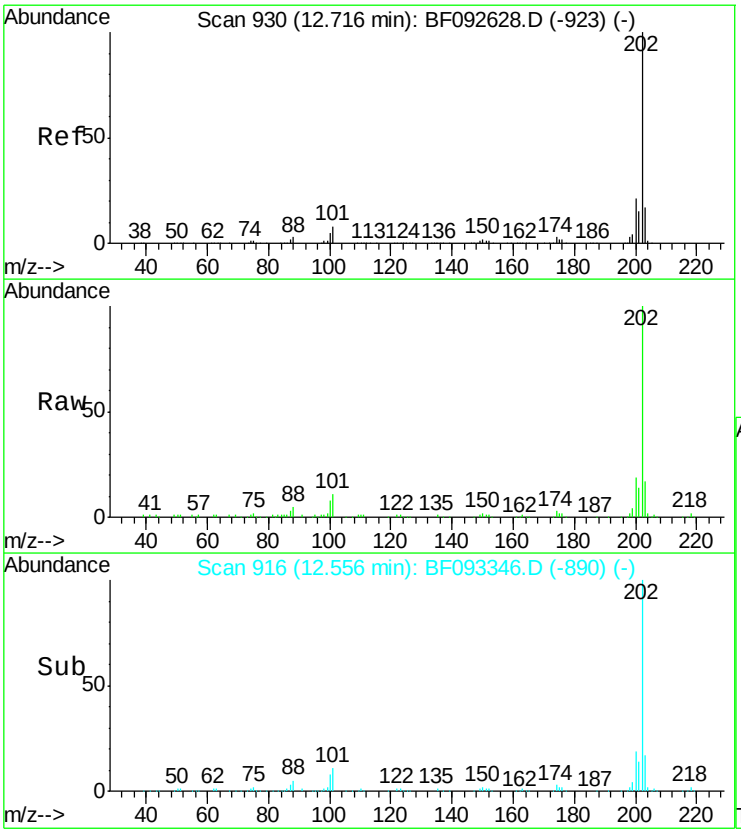
#71
Anthracene
Concen: 2.82 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:178 Resp: 77422

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.3	13.2	19.8

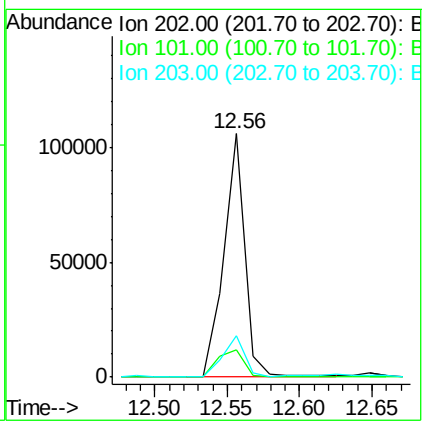


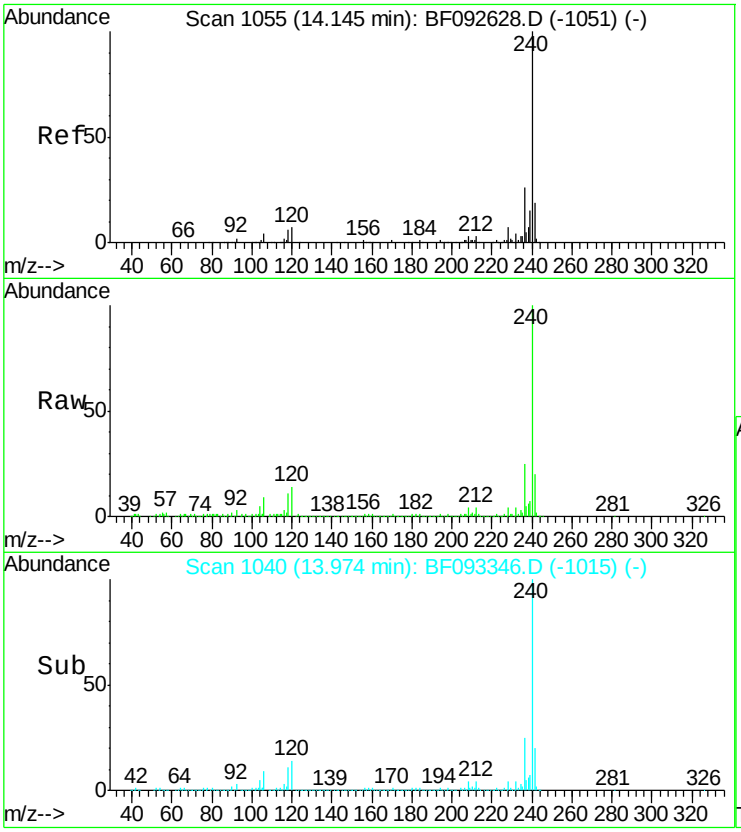


#74
Fluoranthene
Concen: 3.80 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:202 Resp: 107169

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	17.1	0.0	38.7



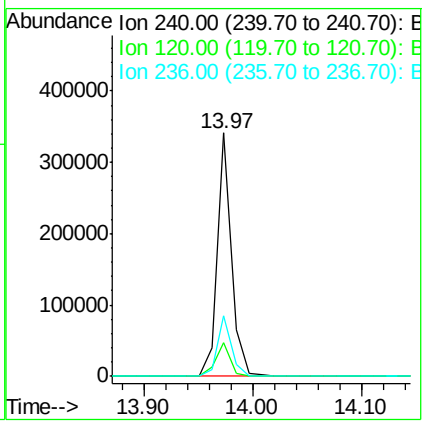


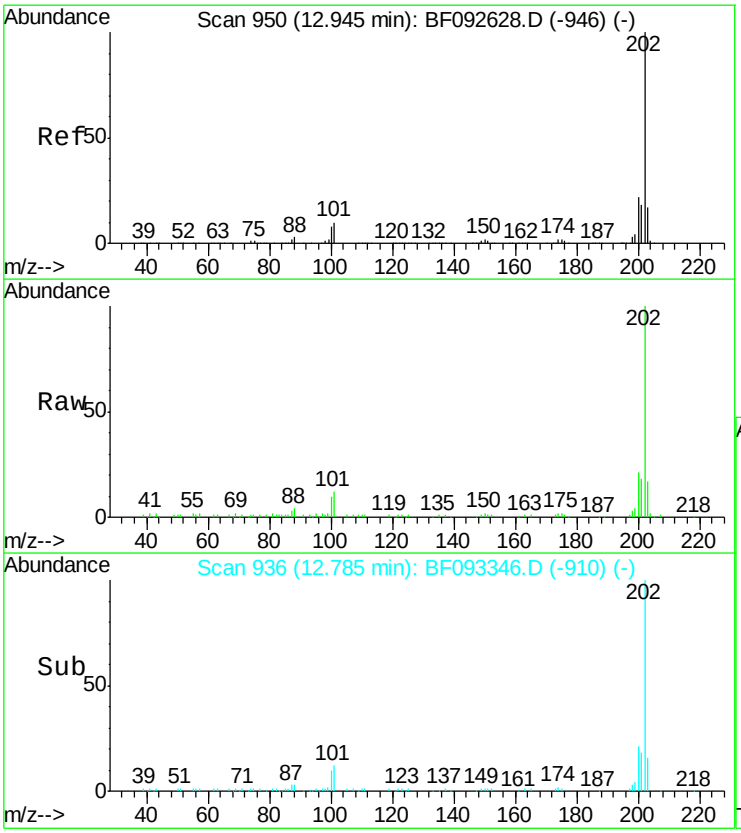
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:240 Resp: 313014

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.1	20.9	31.3

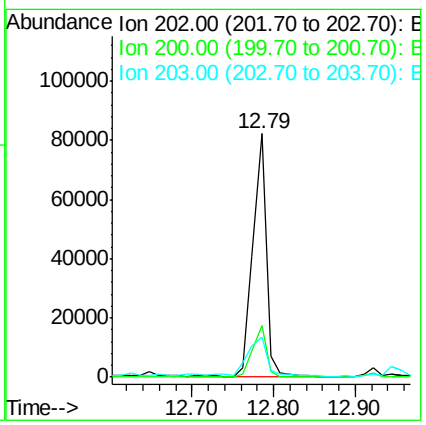


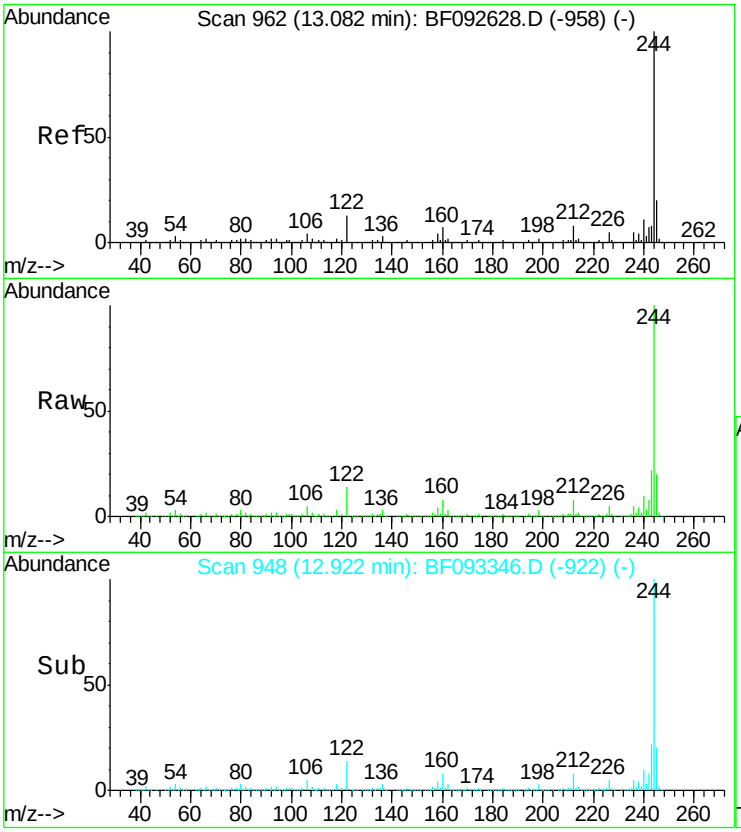


#77
Pyrene
Concen: 4.07 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:202 Resp: 95284

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	16.6	14.7	22.1



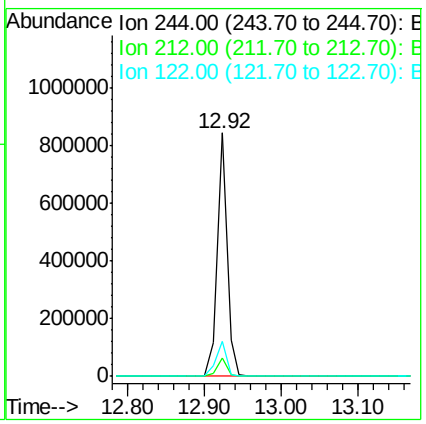


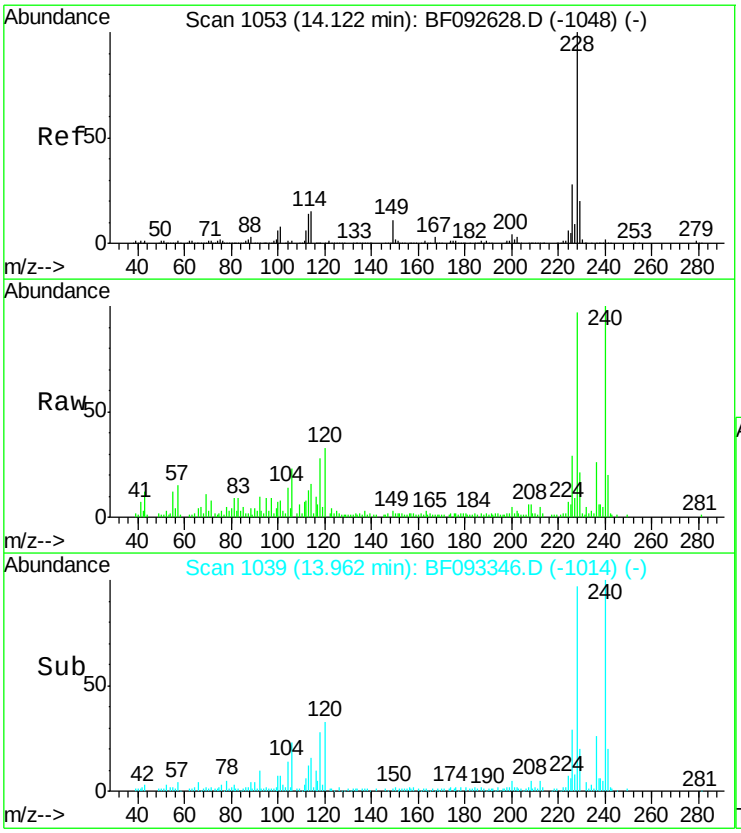
#78
Terphenyl-d14
Concen: 56.78 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:244 Resp: 756396

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.2	11.4	17.2

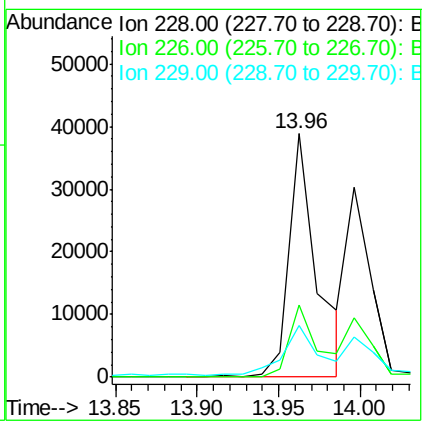


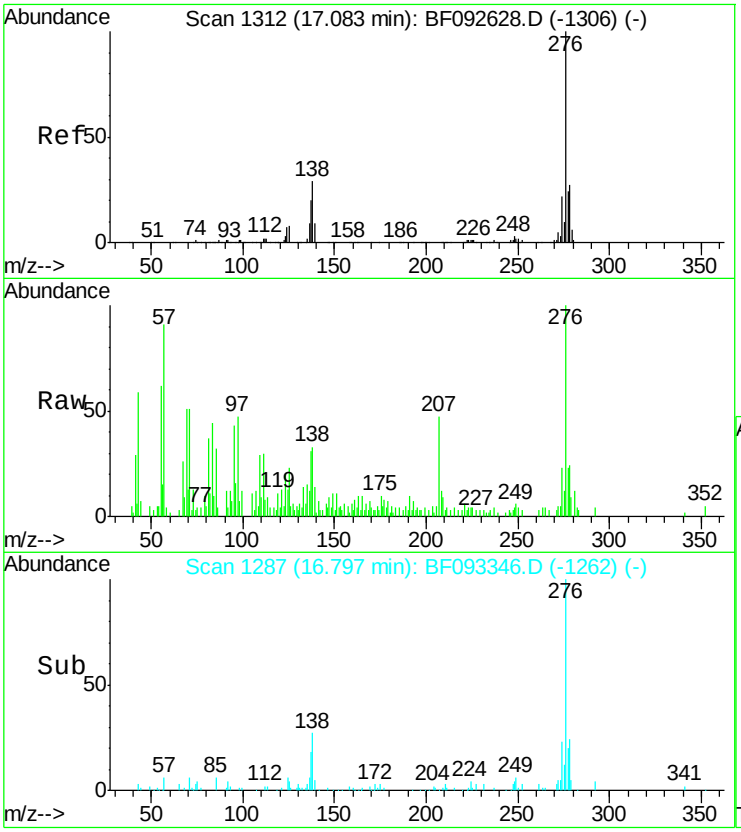


#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:228 Resp: 46349

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	21.4	16.2	24.4



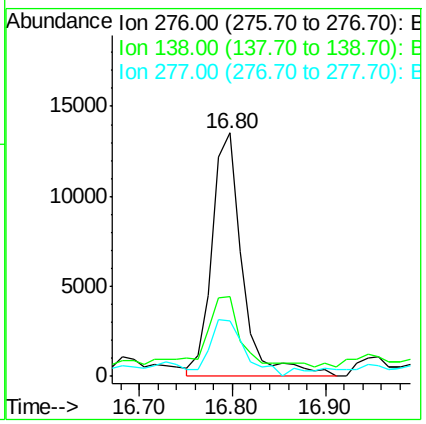


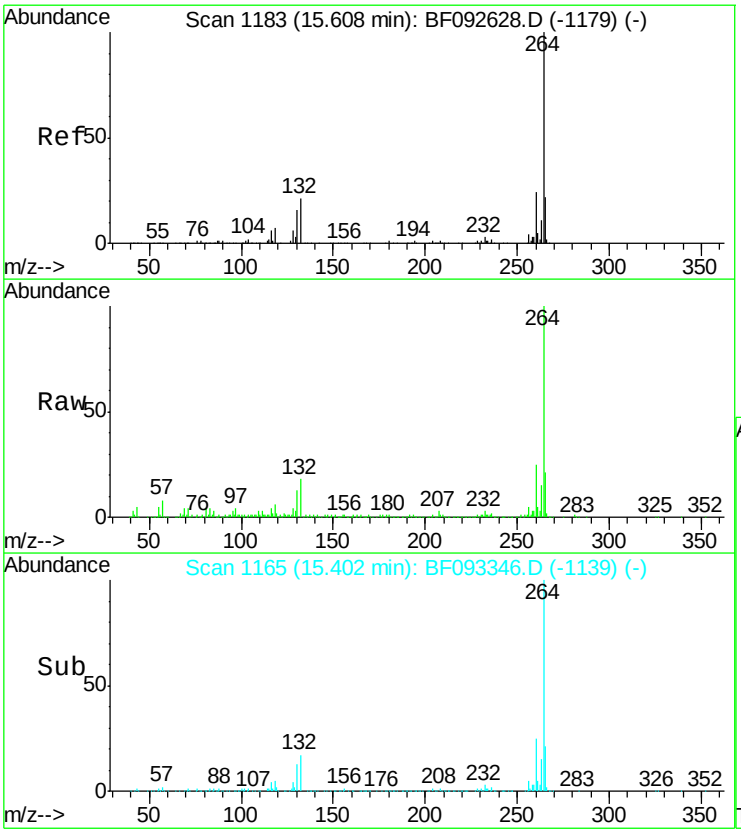
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:276 Resp: 30707

Ion	Ratio	Lower	Upper
276	100		
138	31.2	21.8	32.6
277	26.9	20.2	30.4

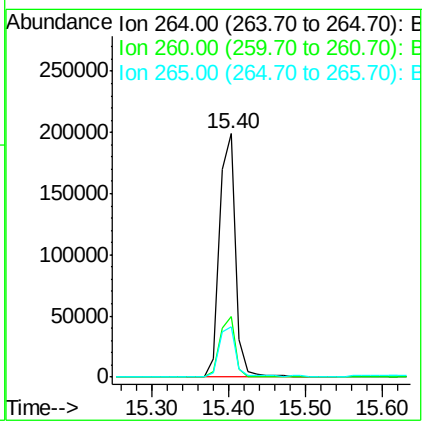


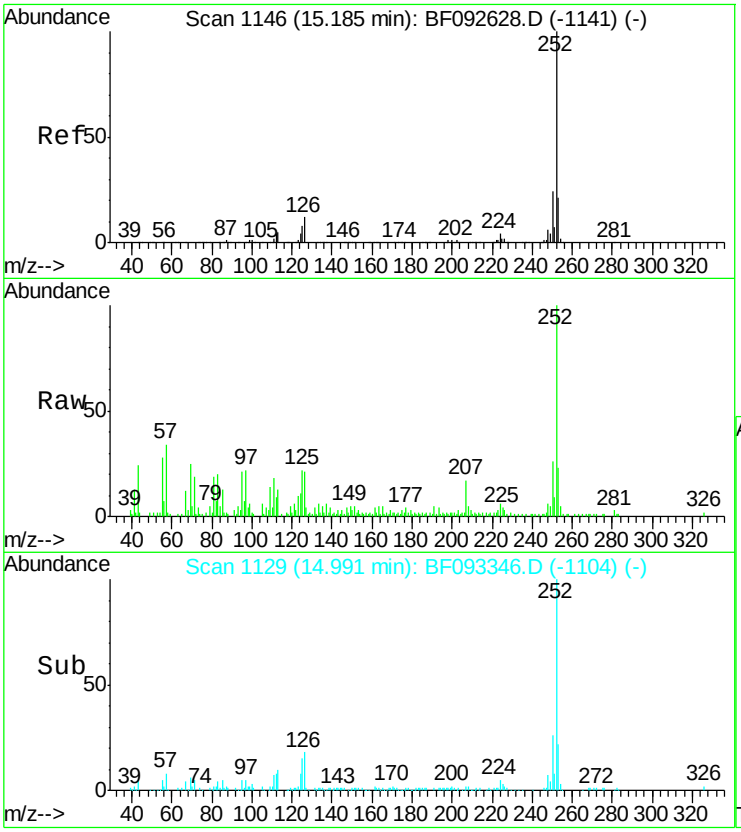


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:264 Resp: 292453

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	17.4	26.0



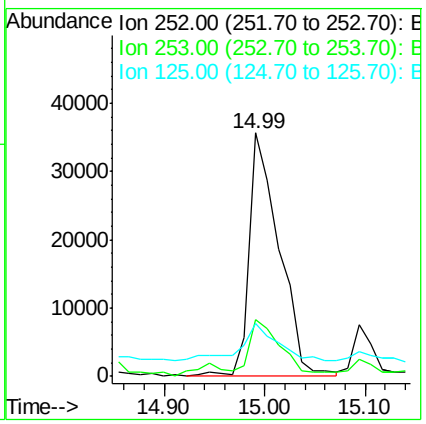


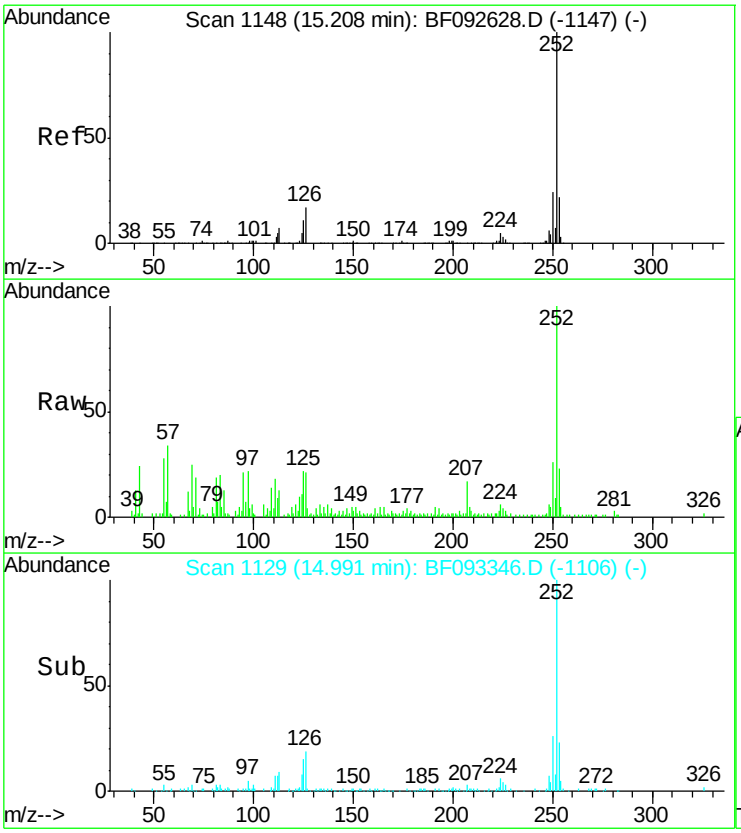
#87
Benzo(b)fluoranthene
Concen: 3.84 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:252 Resp: 73846

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	21.6	9.8	14.6#

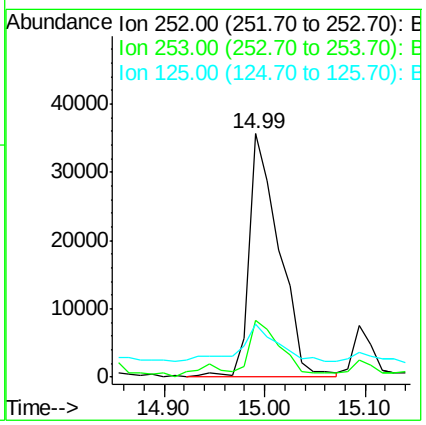


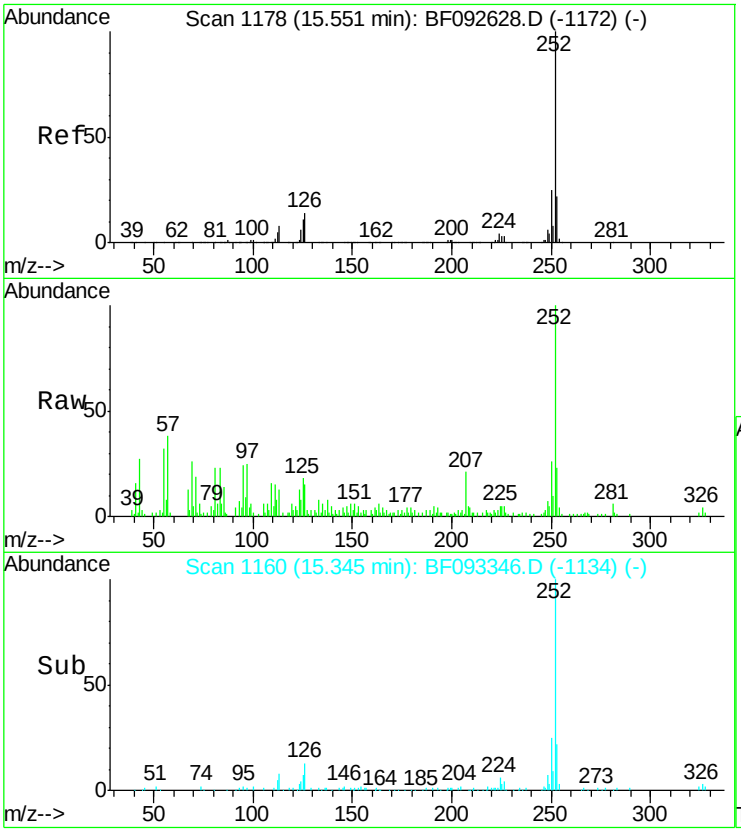


#88
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:252 Resp: 73846

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	21.6	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.56 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tgt Ion:252 Resp: 42677

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	17.6	10.0	15.0#