Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\

Quantitation Report (Not Reviewed)

Data File : BF096954.D
Acq On : 21 Jul 2017 19:59
Operator : SJ/JU
Sample : I4352-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-001-C

Quant Time: Jul 21 23:14:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	111650	20.00	ng		-0.04
21) Naphthalene-d8	7.83	136	459613	20.00	ng		-0.05
38) Acenaphthene-d10	9.58	164	166899	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	253723	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	209852	20.00	ng		-0.05
86) Perylene-d12	15.05	264	215969	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	915081	123.23	ng		-0.03
7) Phenol-d6	6.22	99	1104350	123.93	ng		-0.03
23) Nitrobenzene-d5	7.12	82	642247	86.55	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	176747	124.07	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	883739	83.66	ng		-0.05
78) Terphenyl-d14	12.65	244	561436	46.40	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.23	94	59384	5.90	ng		97
15) Benzyl Alcohol	6.71	79	12363	2.12	ng	#	47
19) n-Nitroso-di-n-propylamine	7.12	70	88044	16.40	ng	#	86
25) Isophorone	7.12	82	636962	46.14	ng	#	67
49) Dimethylphthalate	9.31	163	146575	11.66	ng		99
56) 2,4-Dinitrotoluene	9.58	165	21508	6.15	ng	#	34
66) 4-Bromophenyl-phenylether	10.37	248	10794	4.17	ng	#	1
70) Phenanthrene	11.08	178	59546	4.32	ng		96
74) Fluoranthene	12.26	202	80574	6.10	ng		99
77) Pyrene	12.49	202	66811	3.51	ng		97
80) Benzo(a)anthracene	13.67	228	33447	2.56	ng		96
82) Chrysene	13.67	228	33447	2.60	ng		98
85) Indeno(1,2,3-cd)pyrene	16.31	276	13772	4.44	ng		95
87) Benzo(b)fluoranthene	14.68	252	46425	3.56	ng	#	93
88) Benzo(k)fluoranthene	14.68	252	46425	3.76	ng		98
89) Benzo(a)pyrene	14.99	252	24039	2.01	ng	#	94

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

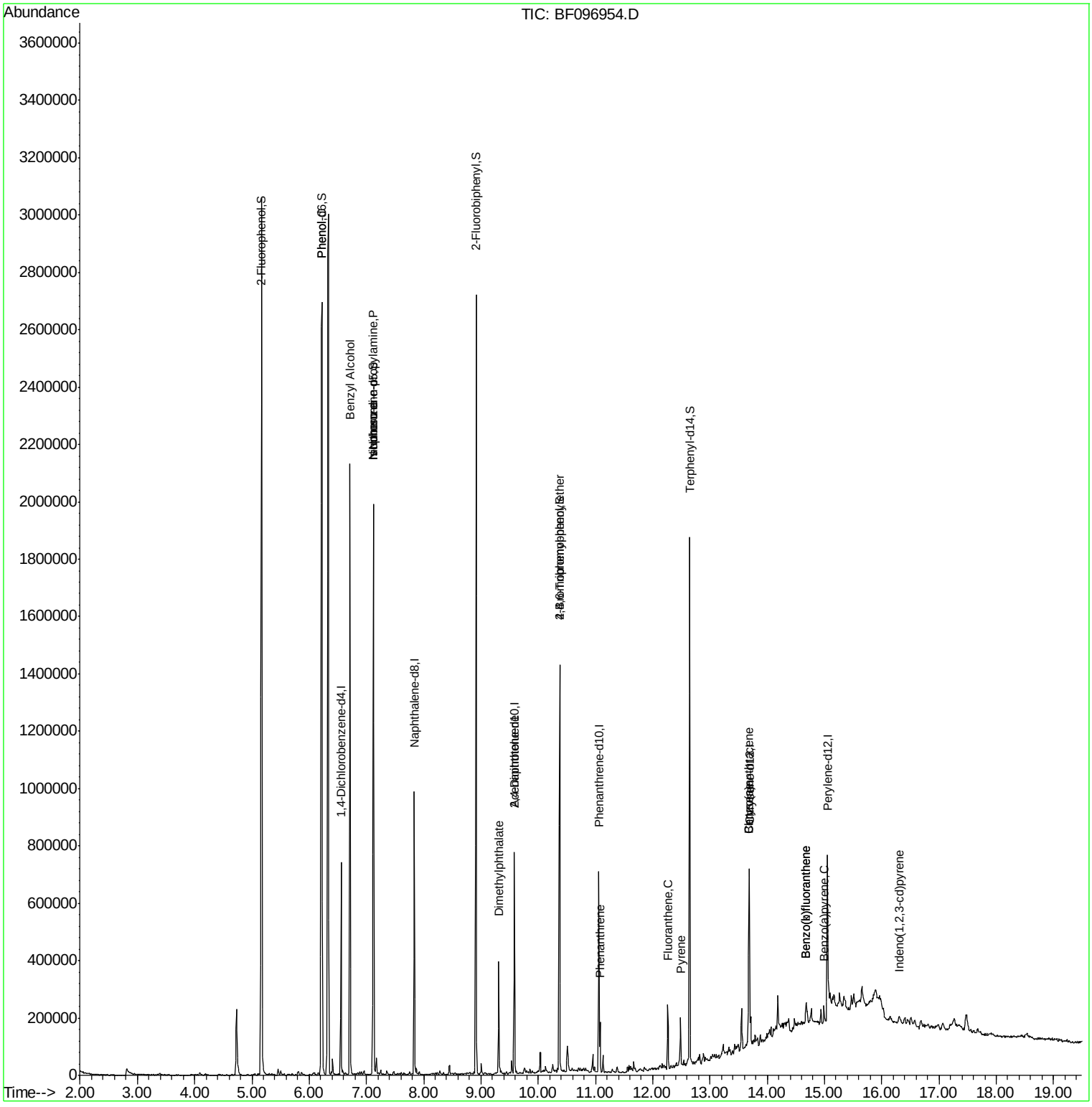
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\

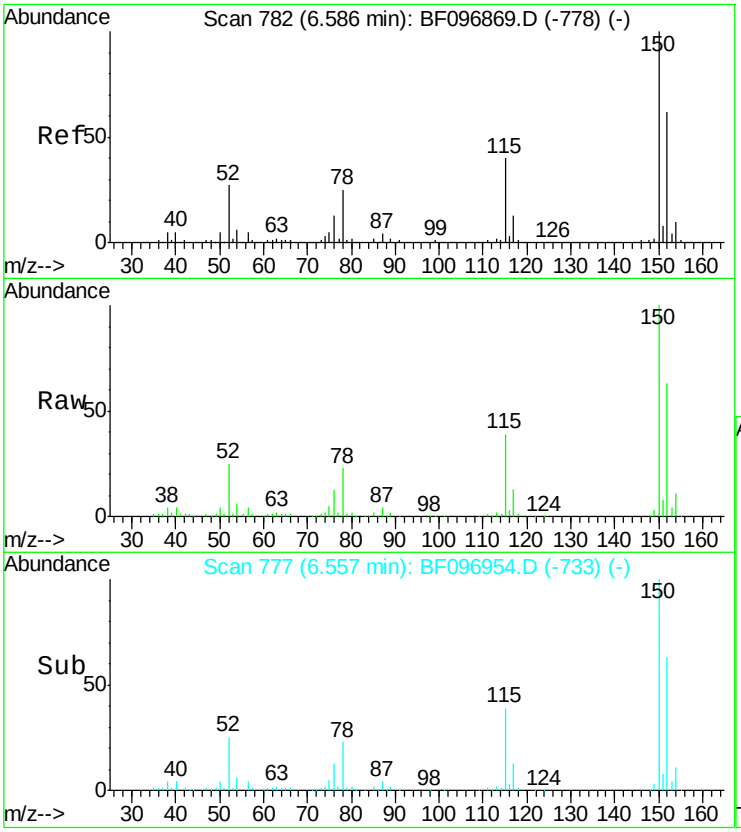
Quantitation Report (Not Reviewed)

Data File : BF096954.D
Acq On : 21 Jul 2017 19:59
Operator : SJ/JU
Sample : I4352-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Quant Time: Jul 21 23:14:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



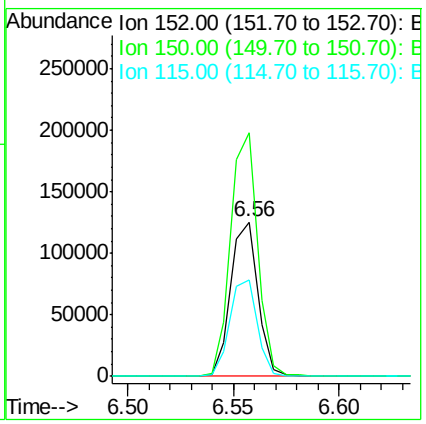


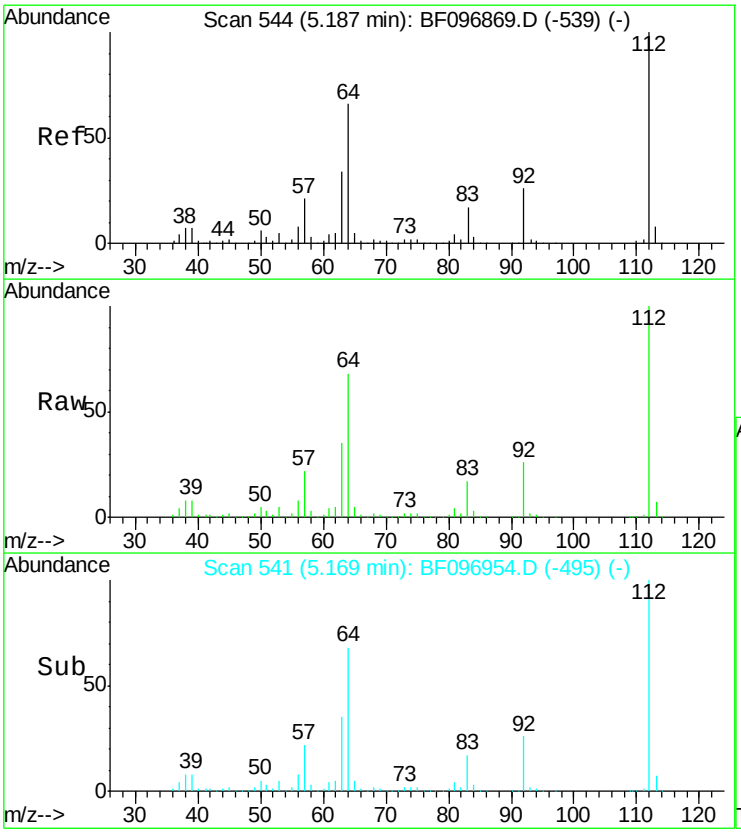
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:152 Resp: 111650

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	62.1	52.2	78.2

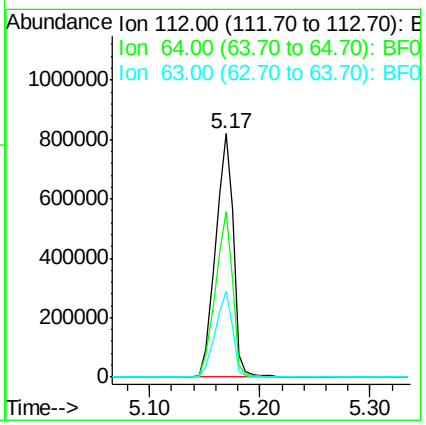


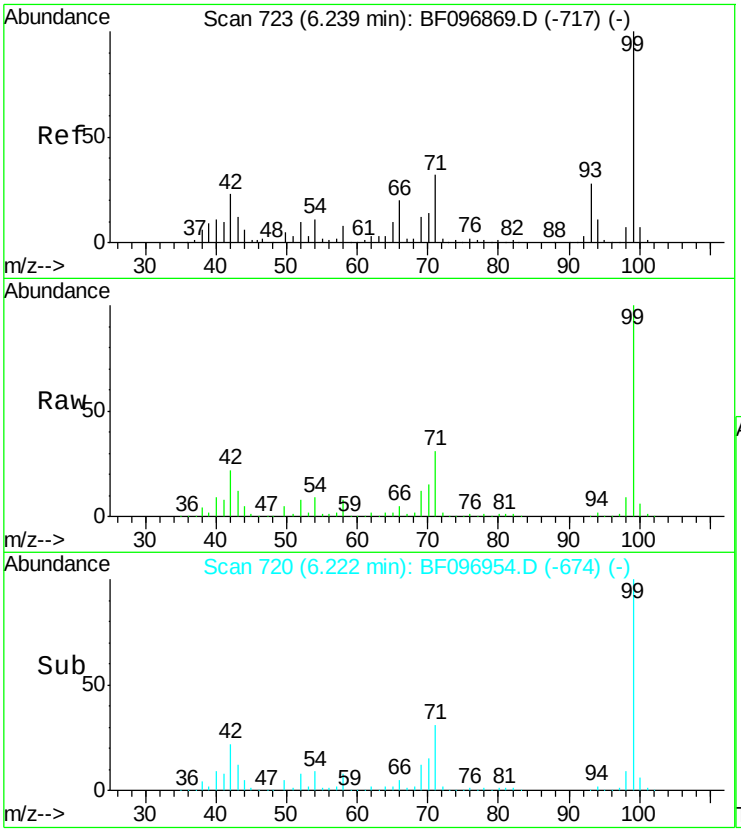


#5
2-Fluorophenol
Concen: 123.23 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:112 Resp: 915081

Ion	Ratio	Lower	Upper
112	100		
64	67.9	46.0	69.0
63	35.2	23.4	35.0#



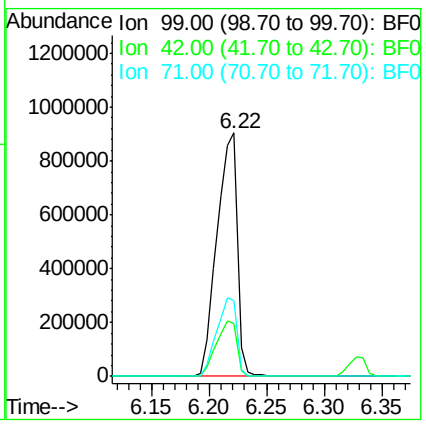


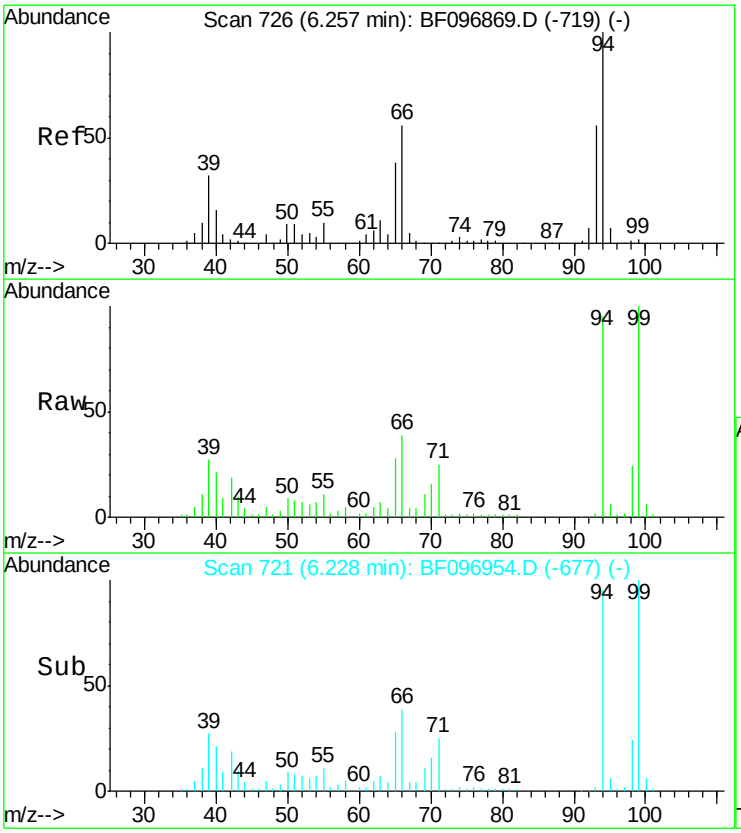
#7
Phenol-d6
Concen: 123.93 ng
RT: 6.22 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion: 99 Resp: 1104350

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	31.3	24.5	36.7

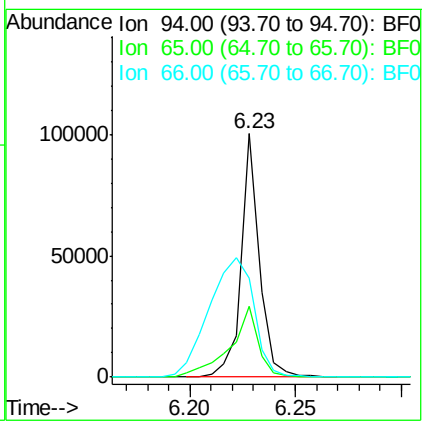


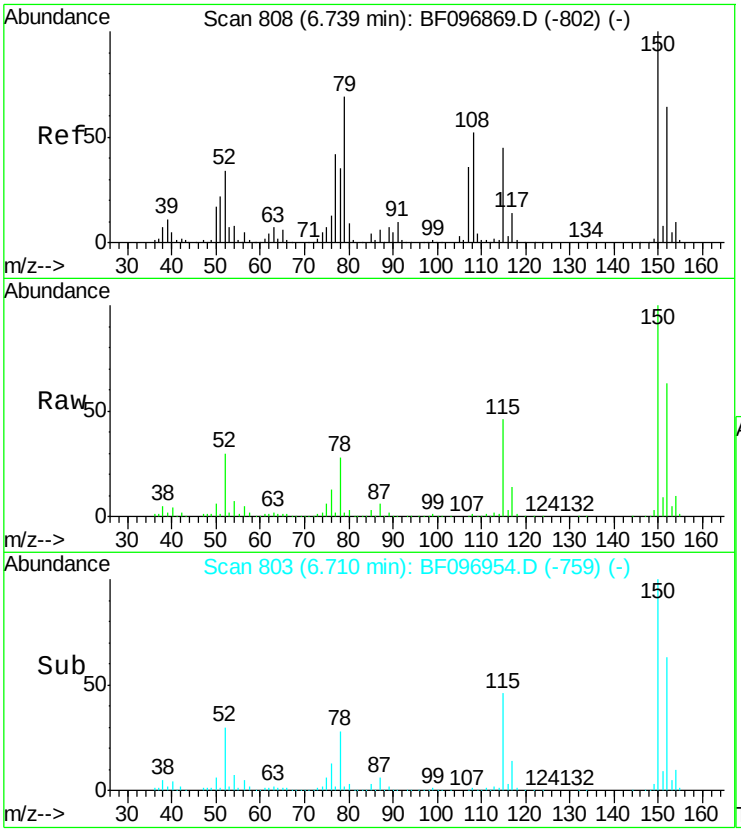


#10
Phenol
Concen: 5.90 ng
RT: 6.23 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion: 94 Resp: 59384

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.9	49.9
66	40.4	23.1	63.1



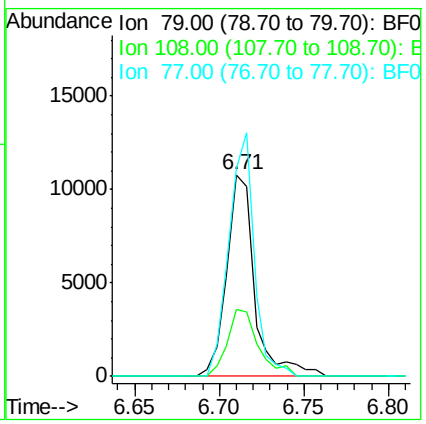


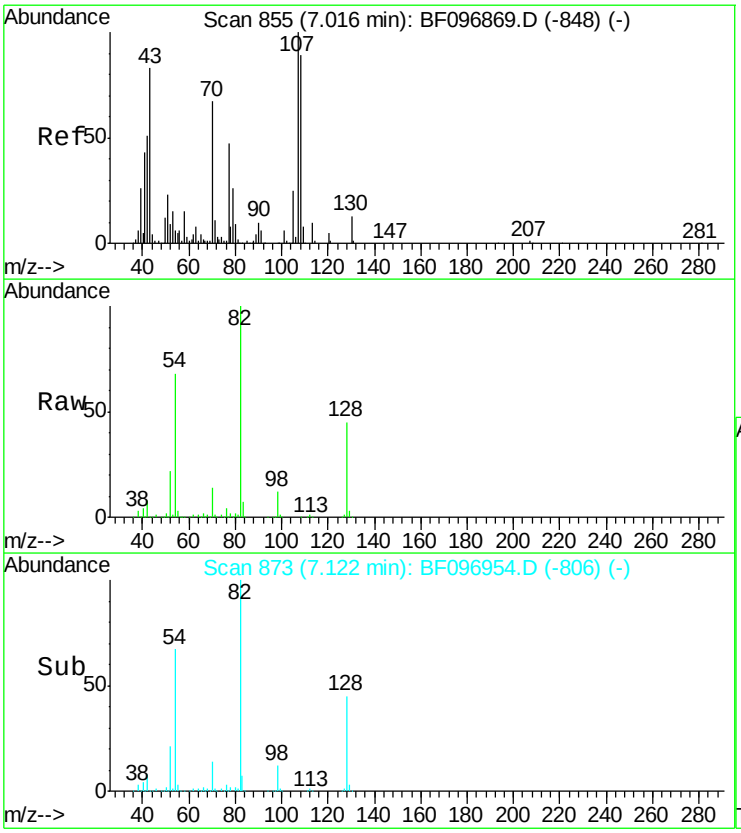
#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.71 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion: 79 Resp: 12363

Ion	Ratio	Lower	Upper
79	100		
108	33.1	63.4	95.0#
77	103.0	49.2	73.8#

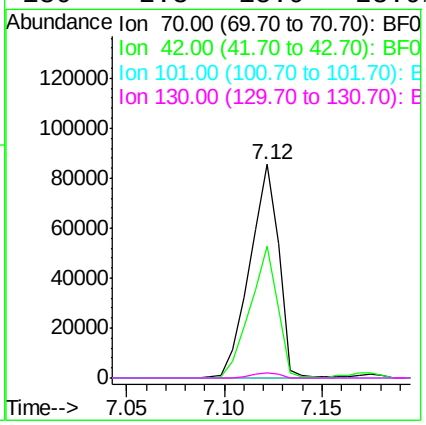


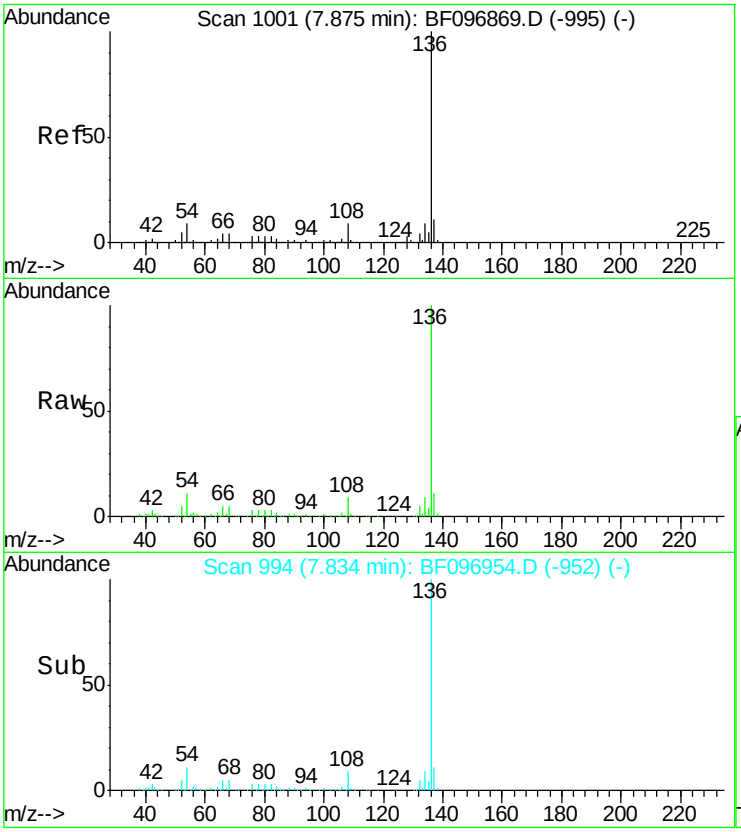


#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion: 70 Resp: 88044

Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



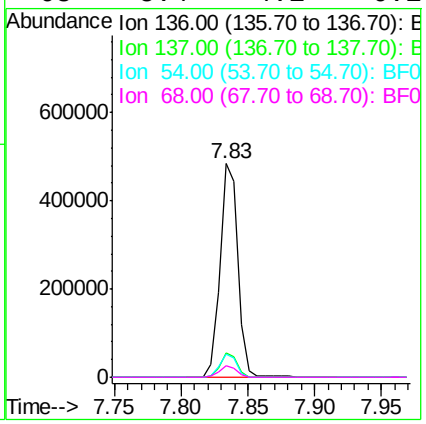


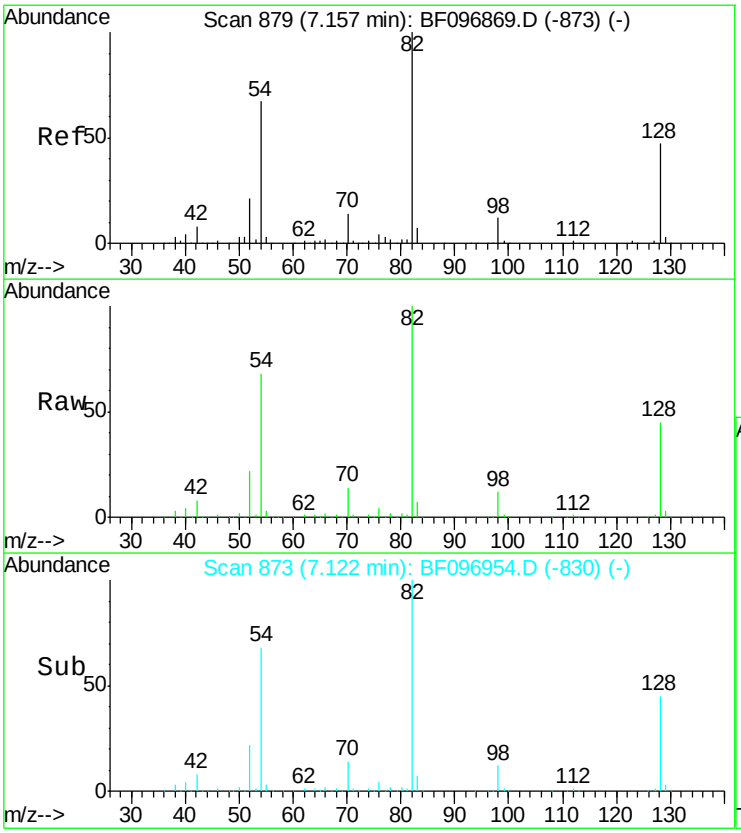
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:136 Resp: 459613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1

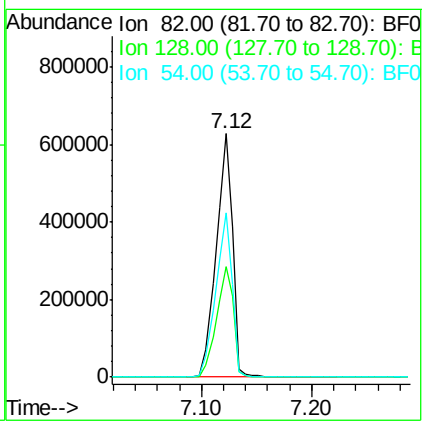


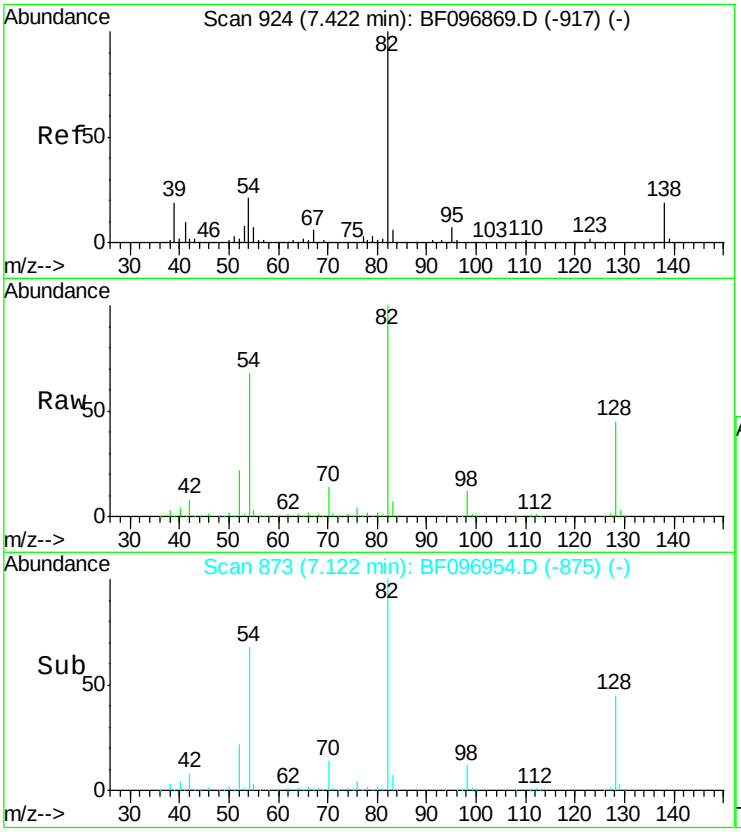


#23
Nitrobenzene-d5
Concen: 86.55 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion: 82 Resp: 642247

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	67.5	42.2	63.2#



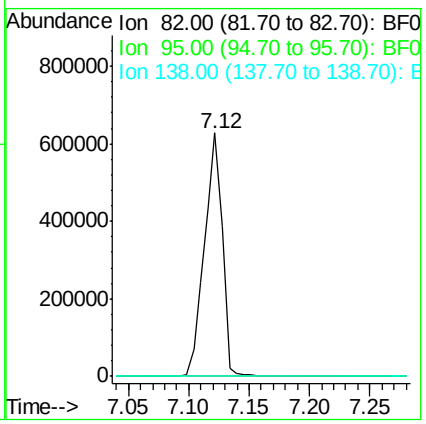


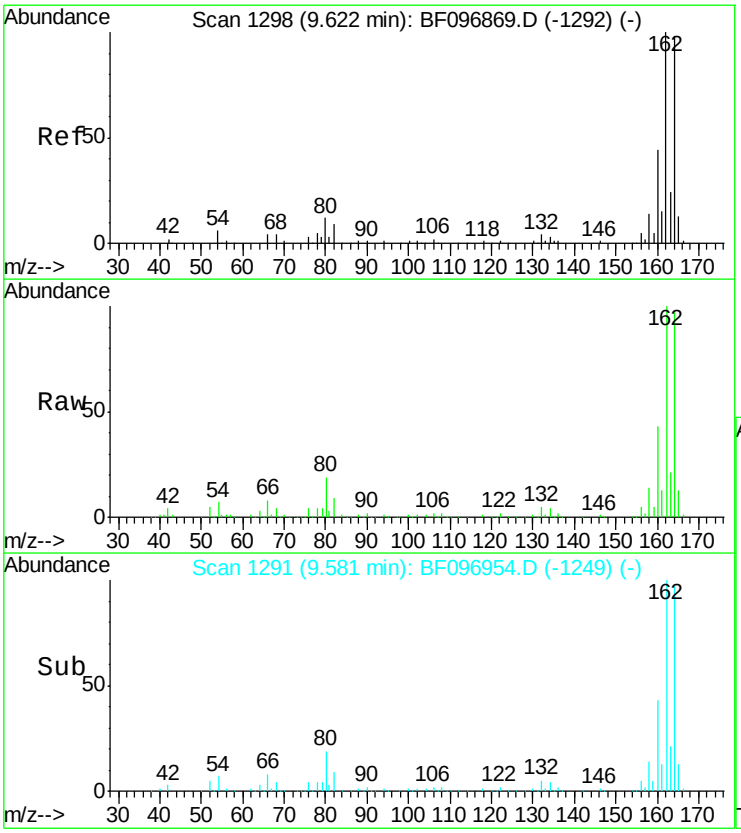
#25
Isophorone
Concen: 46.14 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion: 82 Resp: 636962

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

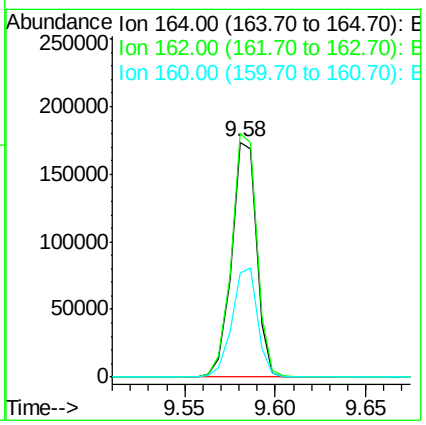


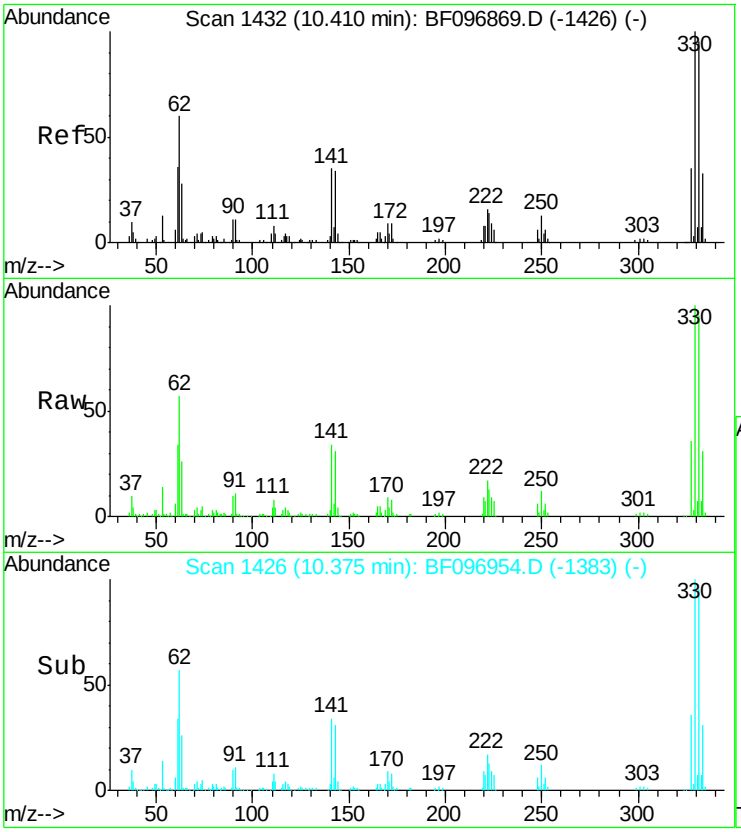


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:164 Resp: 166899

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.2	36.2	54.2



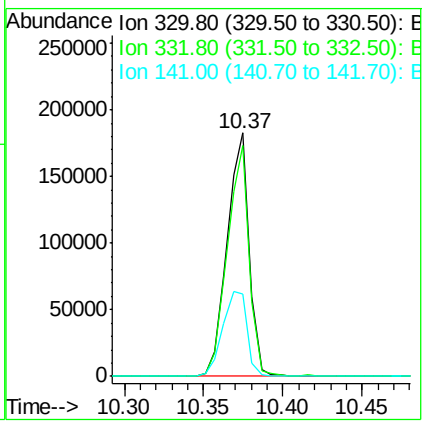


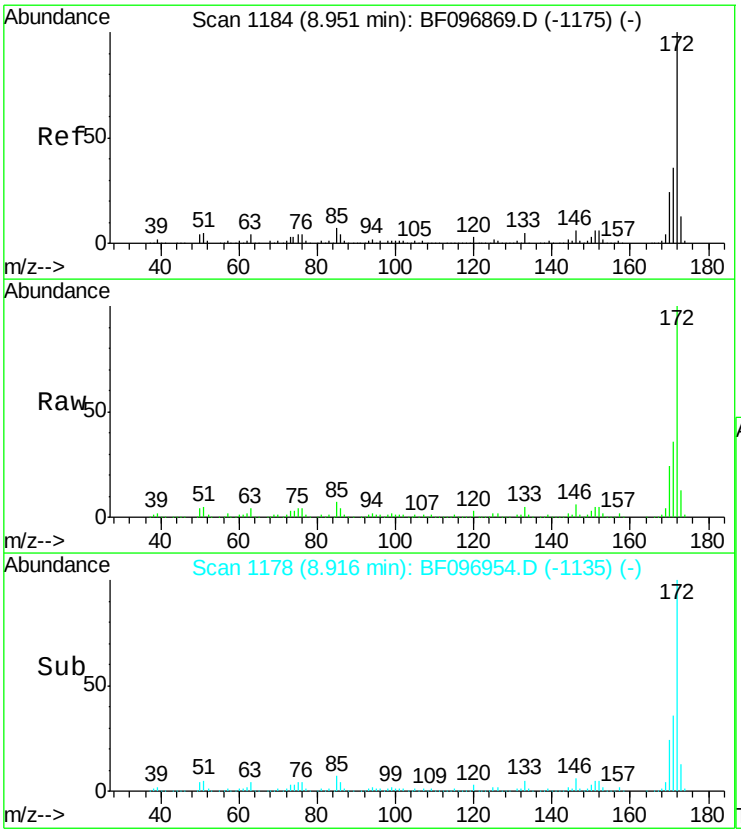
#41
2,4,6-Tribromophenol
Concen: 124.07 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:330 Resp: 176747

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	38.5	31.4	47.2

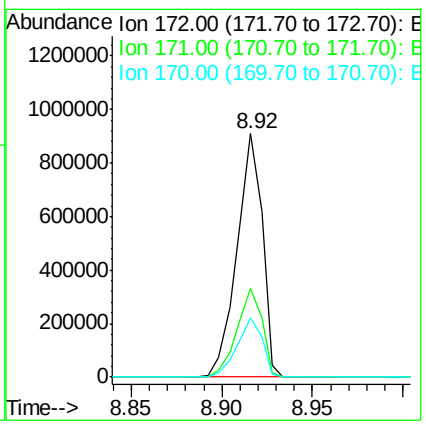


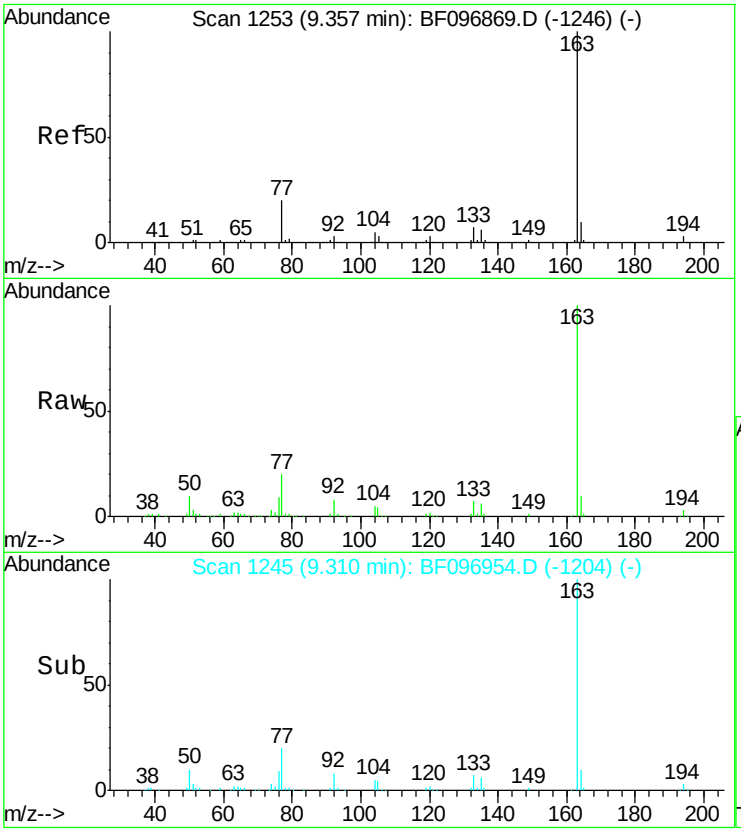


#44
2-Fluorobiphenyl
Concen: 83.66 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:172 Resp: 883739

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8



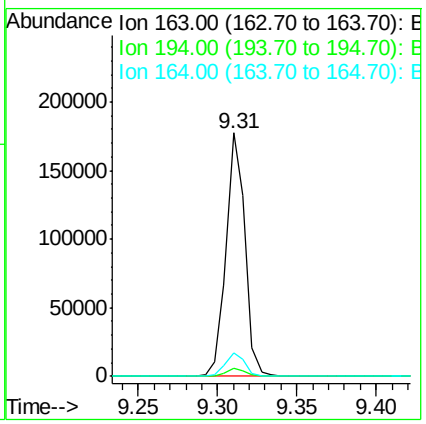


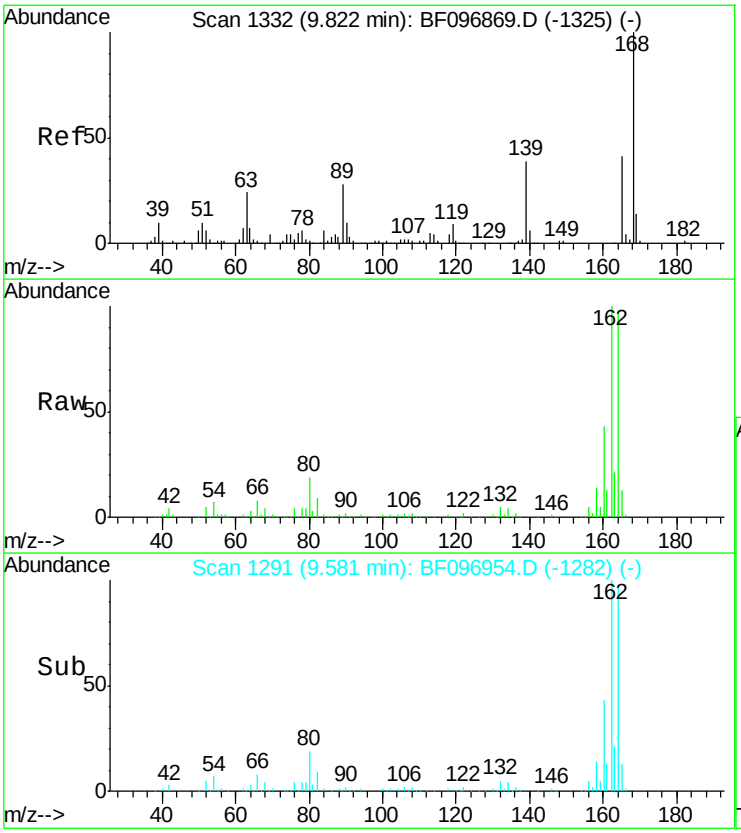
#49
Dimethylphthalate
Concen: 11.66 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:163 Resp: 146575

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6

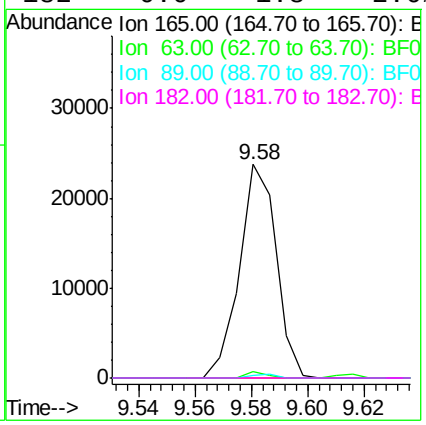


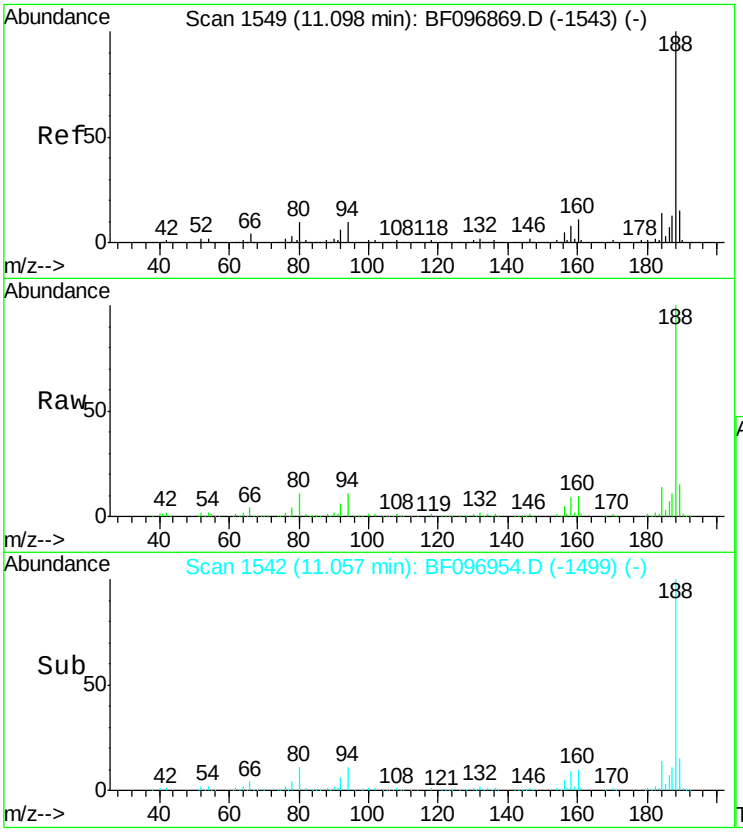


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.25 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:165 Resp: 21508

Ion	Ratio	Lower	Upper
165	100		
63	2.8	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



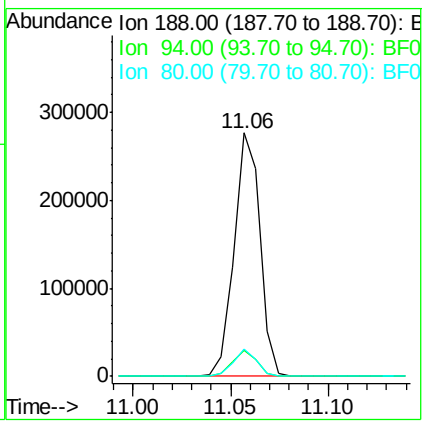


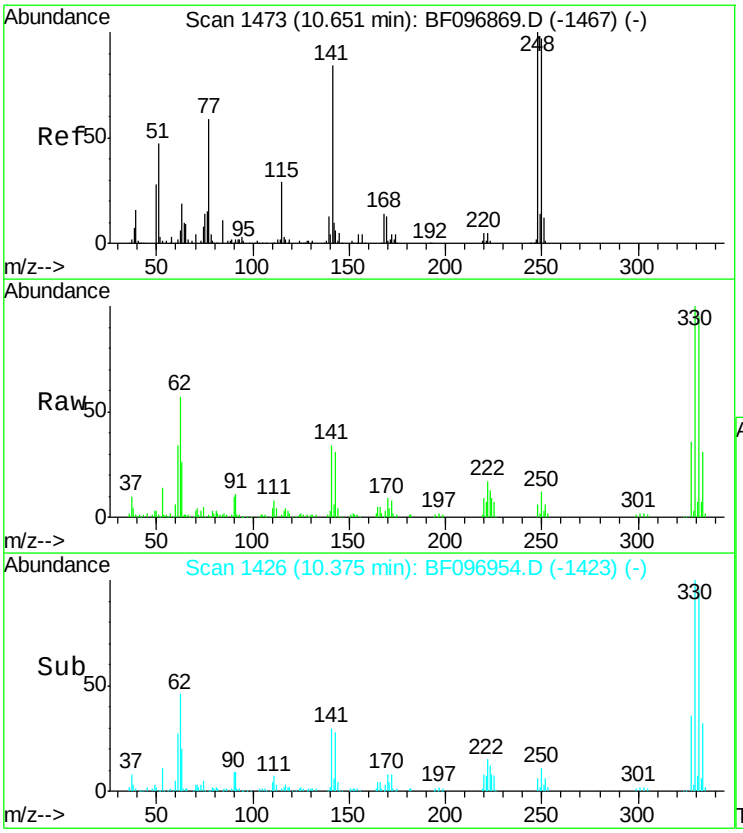
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:188 Resp: 253723

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.4	10.2	15.2

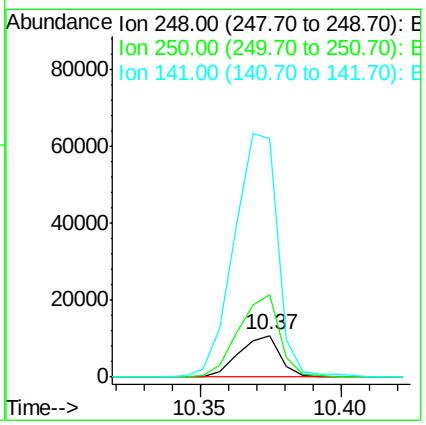


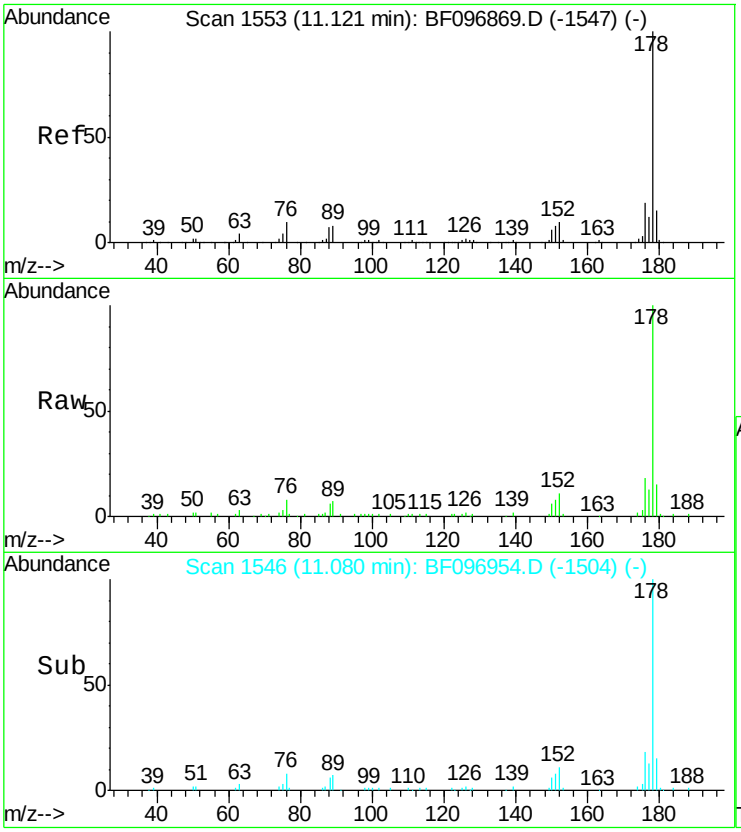


#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.28 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:248 Resp: 10794

Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.8	115.2#
141	575.4	68.6	103.0#



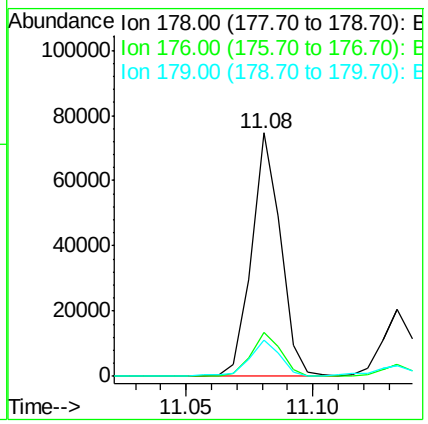


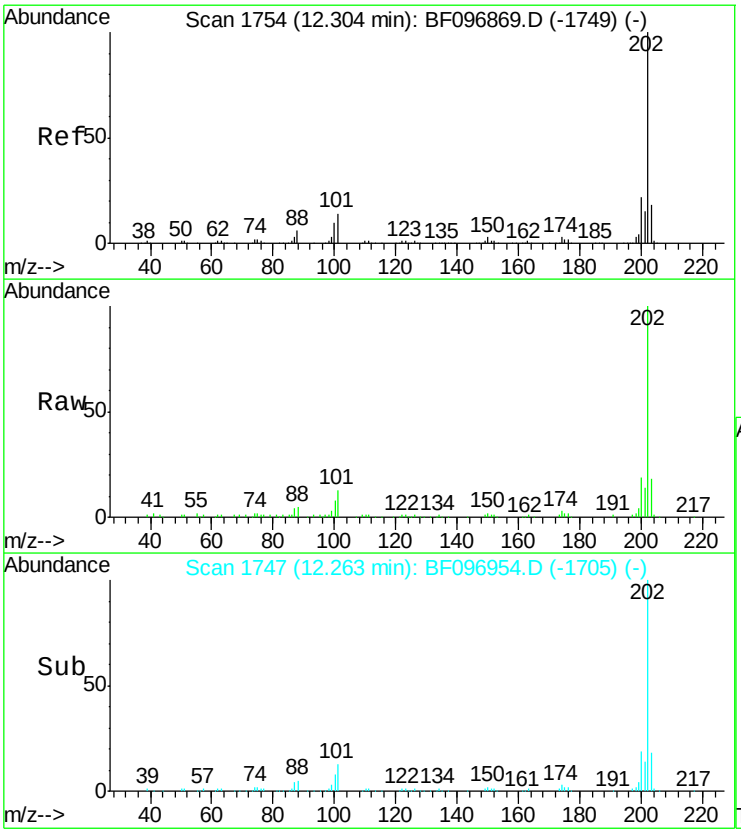
#70
Phenanthrene
Concen: 4.32 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:178 Resp: 59546

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.9	12.6	19.0

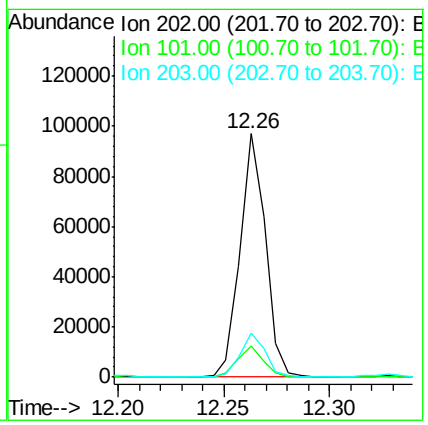


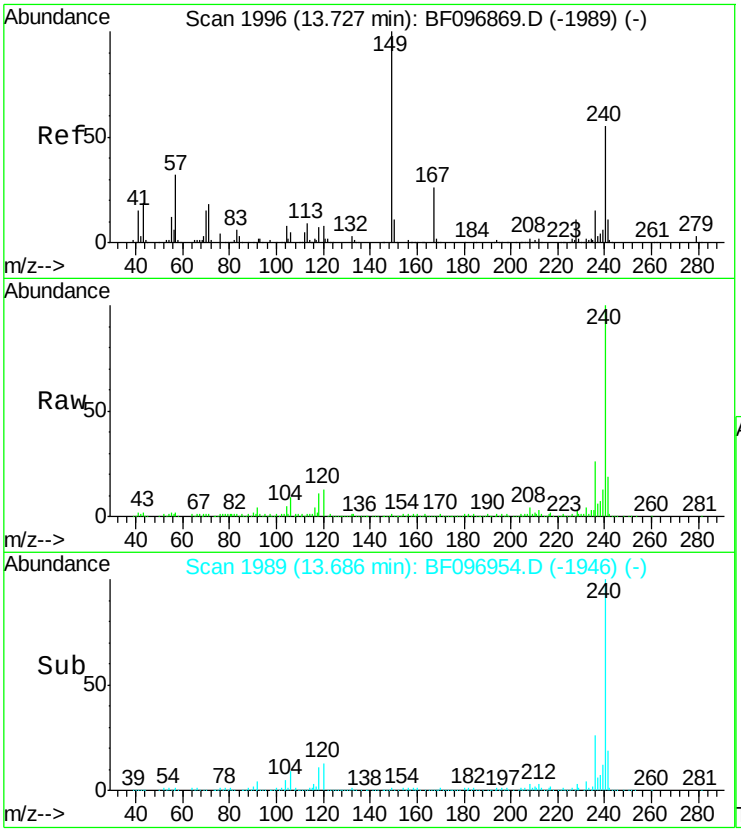


#74
Fluoranthene
Concen: 6.10 ng
RT: 12.26 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:202 Resp: 80574

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.1	0.0	38.1



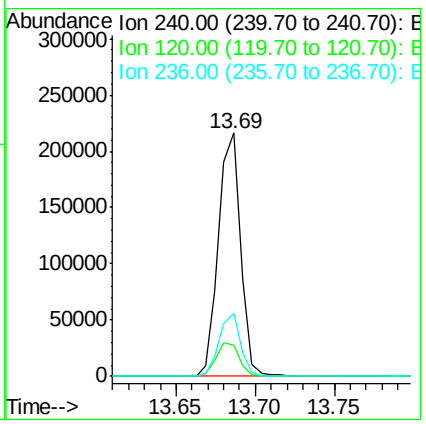


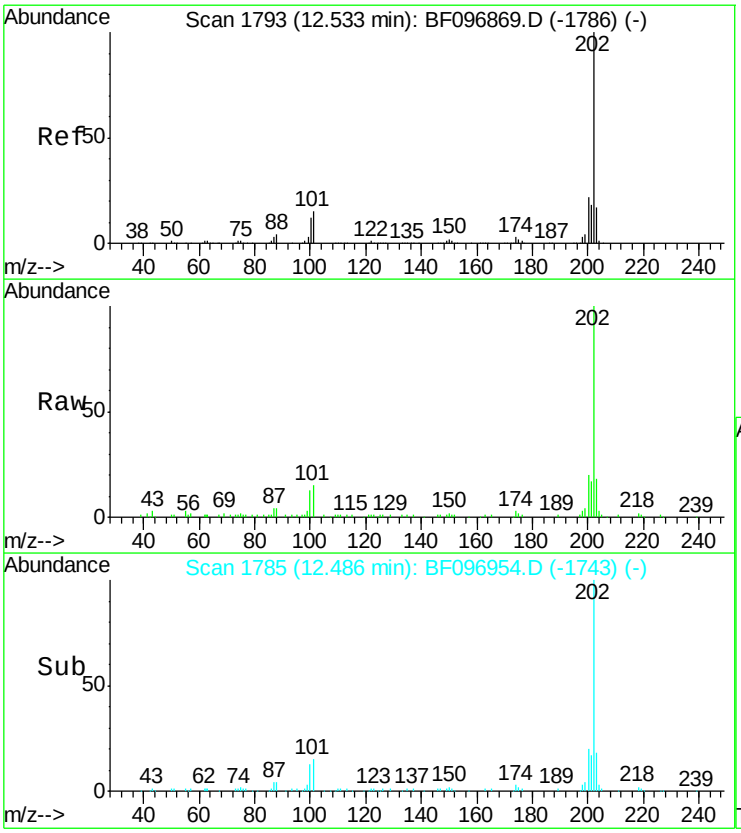
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:240 Resp: 209852

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.0	20.5	30.7

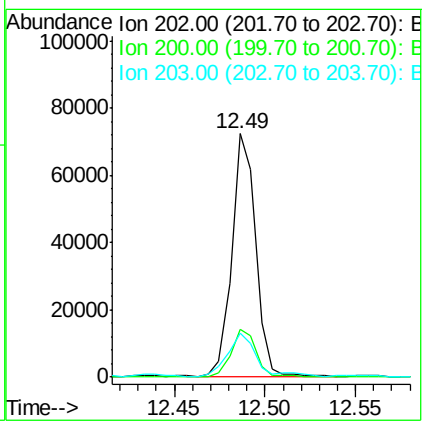


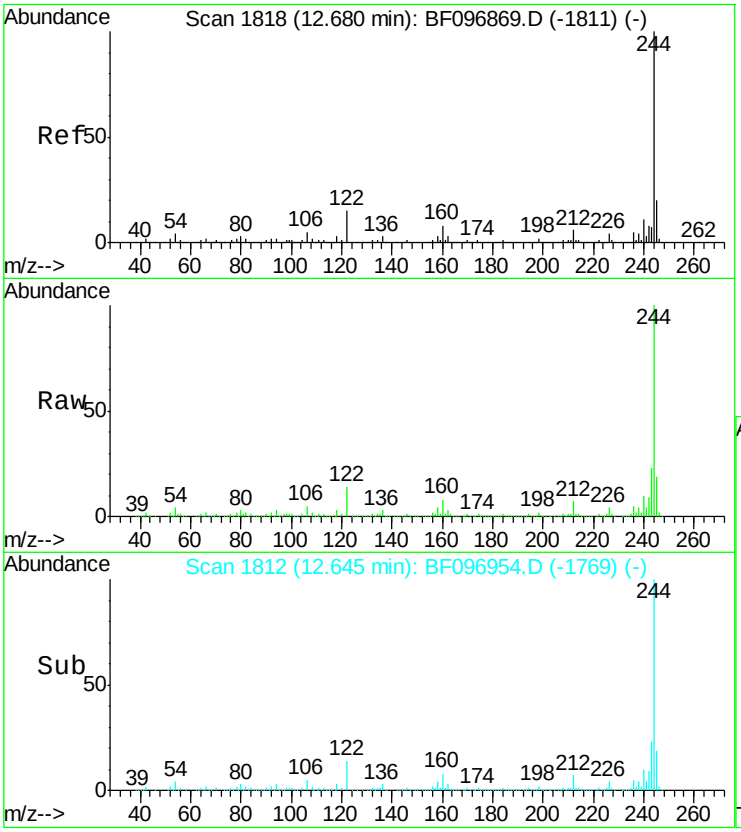


#77
Pyrene
Concen: 3.51 ng
RT: 12.49 min Scan# 1785
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:202 Resp: 66811

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	18.0	14.4	21.6



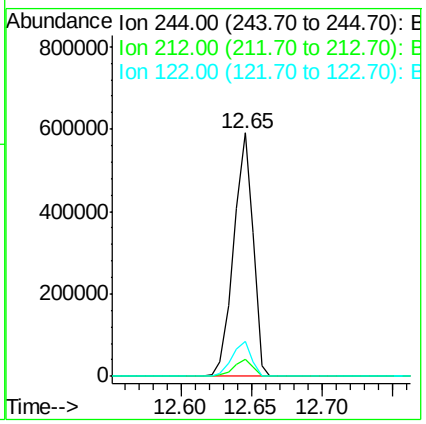


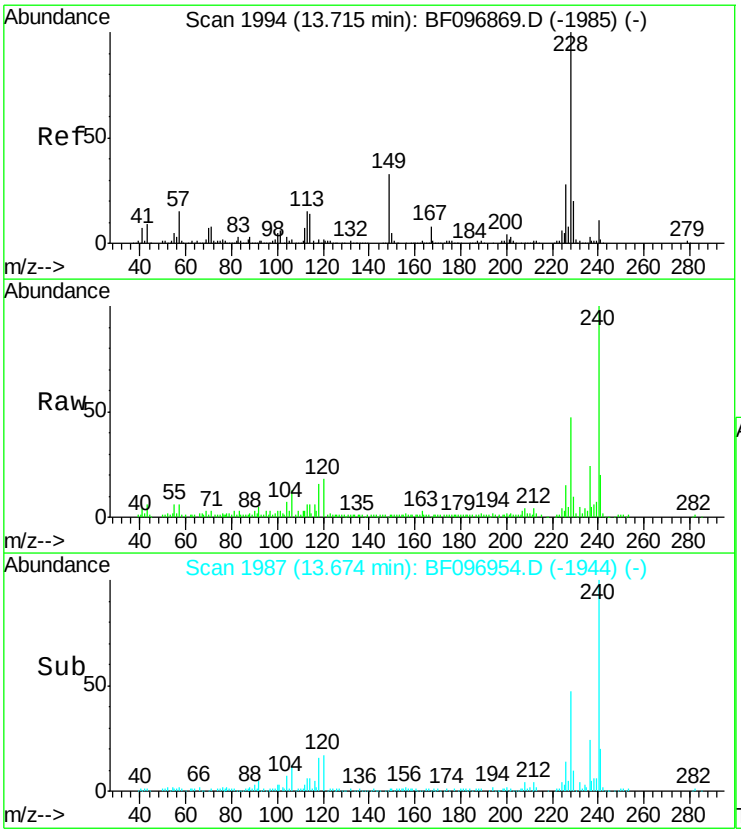
#78
Terphenyl-d14
Concen: 46.40 ng
RT: 12.65 min Scan# 1812
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:244 Resp: 561436

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

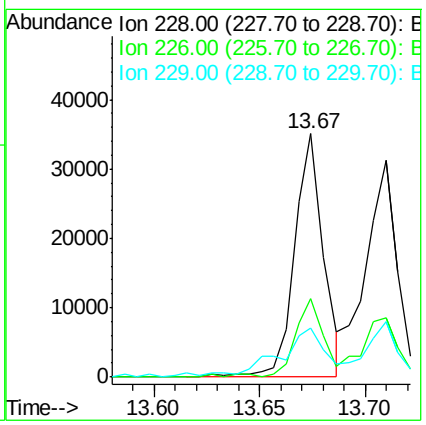


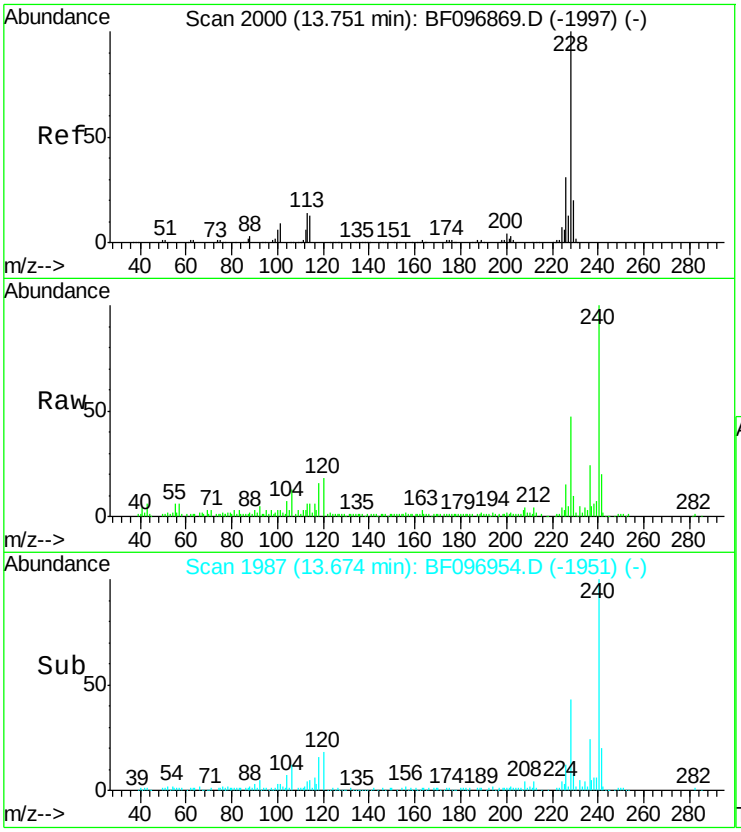


#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 13.67 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:228 Resp: 33447

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	20.4	16.3	24.5



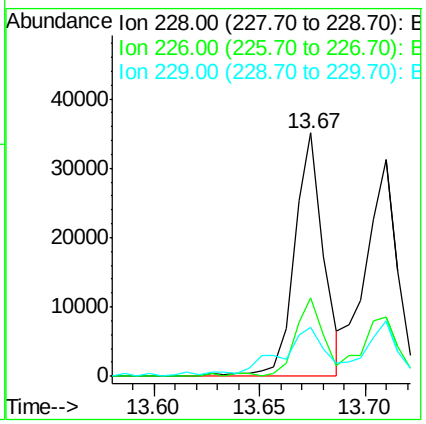


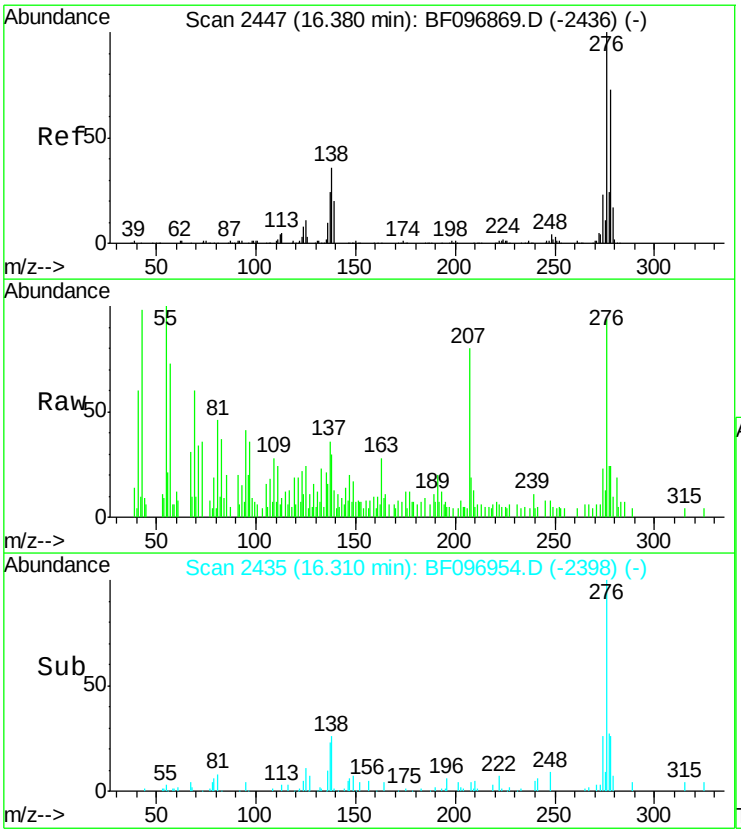
#82
Chrysene
Concen: 2.60 ng
RT: 13.67 min Scan# 1987
Delta R.T. -0.09 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:228 Resp: 33447

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.4	15.8	23.6

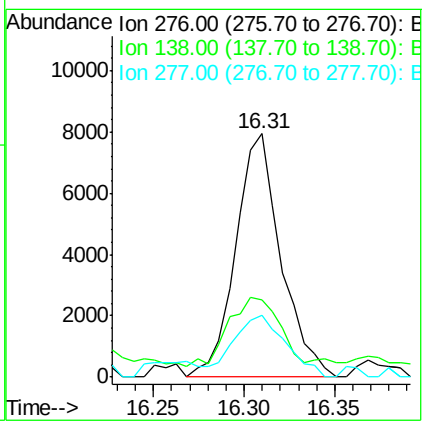


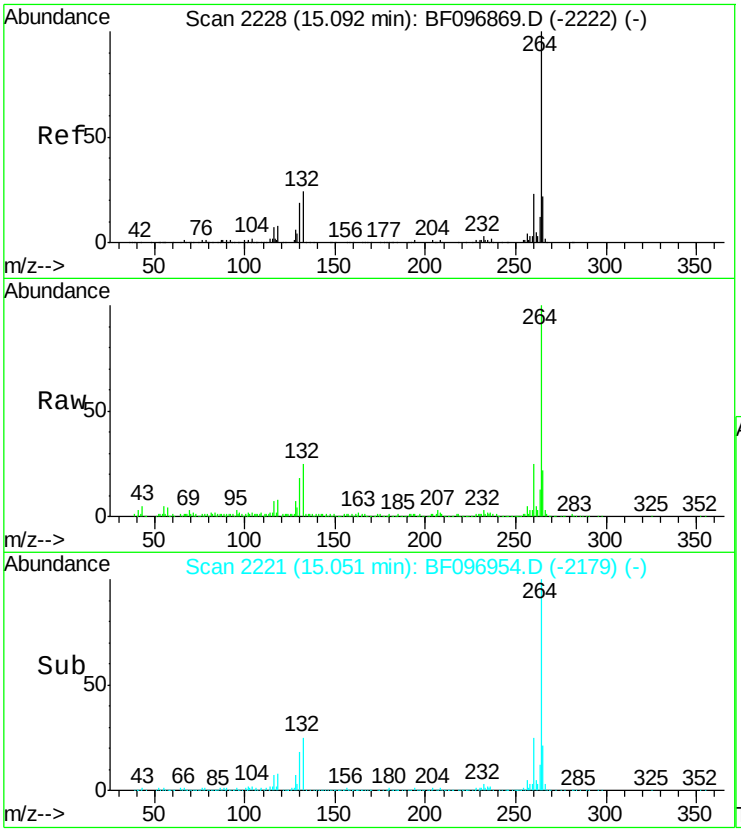


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.44 ng
RT: 16.31 min Scan# 2435
Delta R.T. -0.08 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:276 Resp: 13772

Ion	Ratio	Lower	Upper
276	100		
138	32.8	27.8	41.6
277	29.1	20.2	30.4



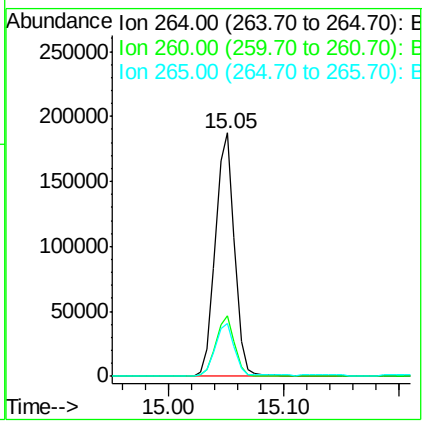


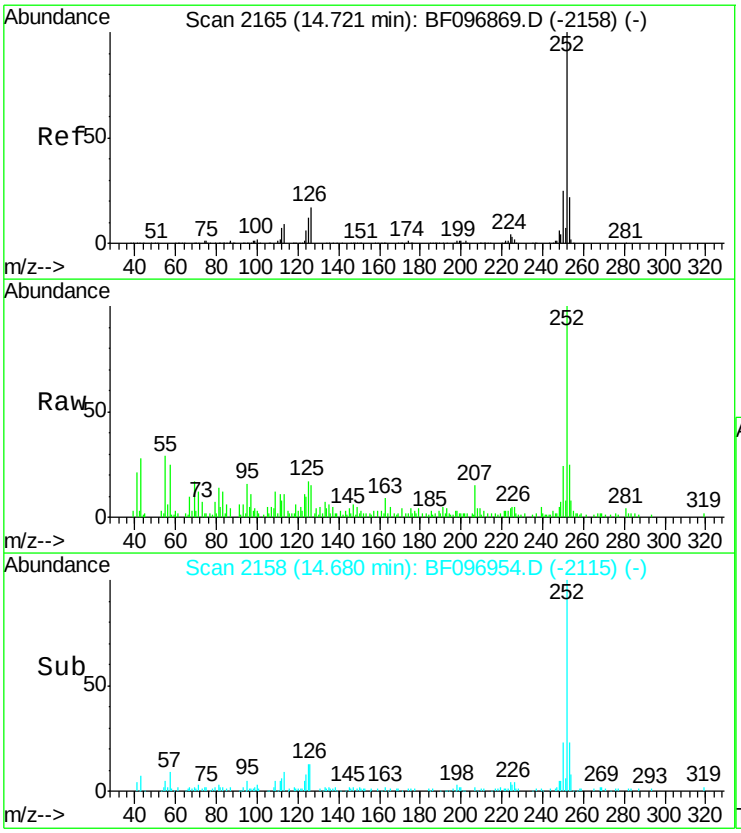
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:264 Resp: 215969

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.7	17.2	25.8

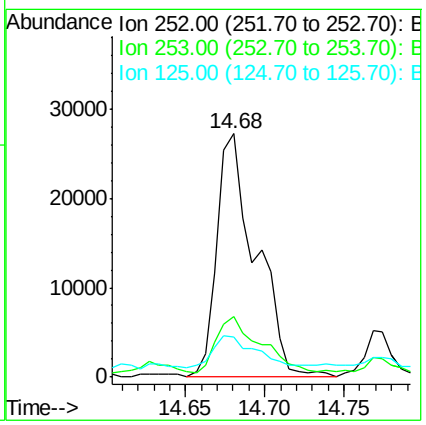


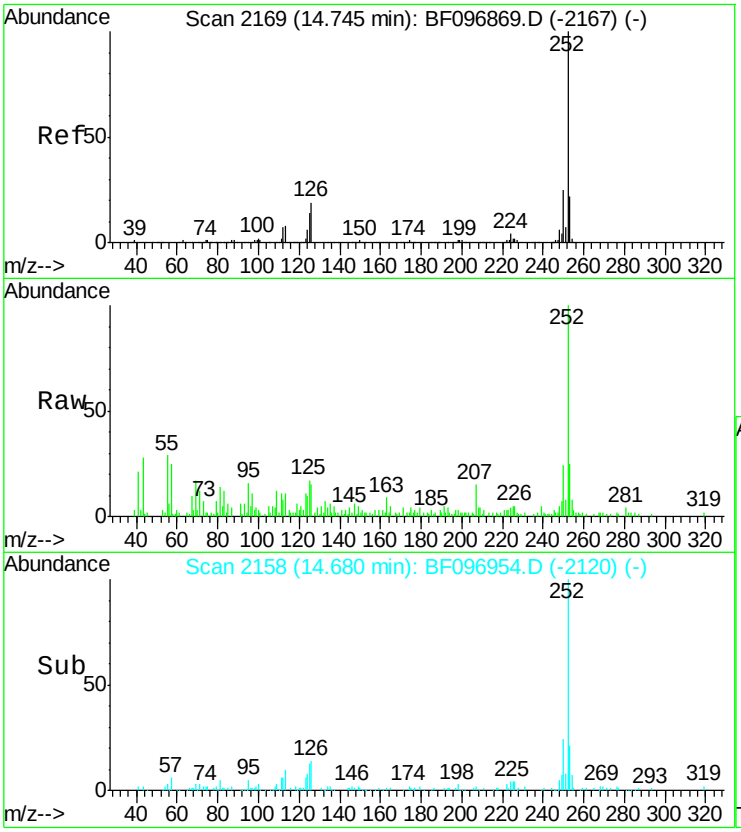


#87
Benzo(b)fluoranthene
Concen: 3.56 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:252 Resp: 46425

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	16.6	9.8	14.8#



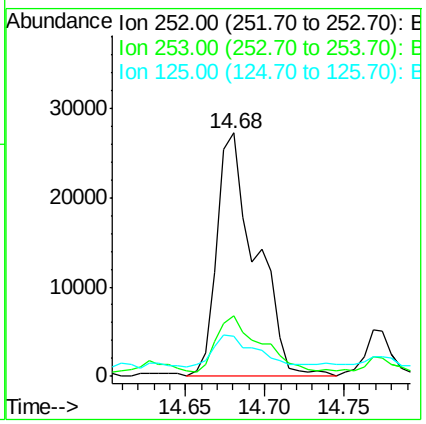


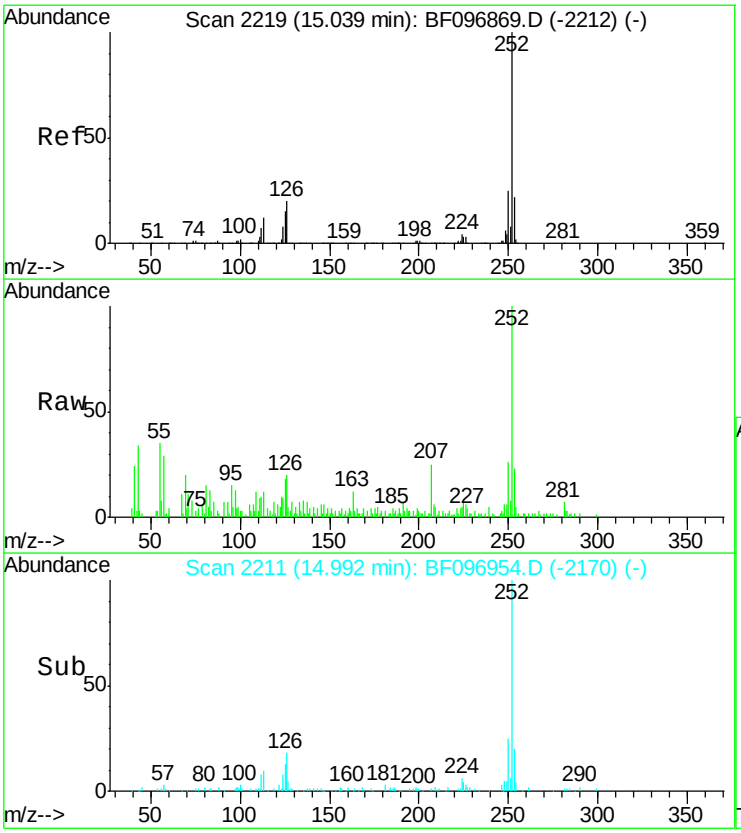
#88
Benzo(k)fluoranthene
Concen: 3.76 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.08 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tgt Ion:252 Resp: 46425

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	16.6	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 14.99 min Scan# 2211
Delta R.T. -0.06 min
Lab File: BF096954.D
Acq: 21 Jul 2017 19:59

Tgt Ion:252 Resp: 24039

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	18.3	11.0	16.4#