Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093347.D
Acq On : 3 Mar 2017 3:24
Operator : SJ/MA
Sample : I2033-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-002-B

Quant Time: Mar 03 03:53:40 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	150303	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	649330	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	278847	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	450556	20.00	ng		-0.01
75) Chrysene-d12	13.97	240	301473	20.00	ng		-0.01
86) Perylene-d12	15.39	264	301707	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	983439	112.25	ng		0.00
7) Phenol-d6	6.44	99	1145573	101.63	ng		-0.01
23) Nitrobenzene-d5	7.37	82	772213	66.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	197239	97.80	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1287280	83.63	ng		0.00
78) Terphenyl-d14	12.92	244	860888	67.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	79266	6.01	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	101793	14.19	ng	#	81
25) Isophorone	7.37	82	652562	30.03	ng	#	65
49) Dimethylphthalate	9.57	163	87187	4.64	ng		99
50) 2,6-Dinitrotoluene	9.85	165	35309	8.70	ng	#	31
56) 2,4-Dinitrotoluene	9.85	165	35304	6.54	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.64	198	544	2.86	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	14074	2.99	ng	#	1
74) Fluoranthene	12.54	202	59296	2.23	ng		96
77) Pyrene	12.77	202	55744	2.47	ng		99
87) Benzo(b)fluoranthene	14.99	252	41335	2.08	ng	#	93
88) Benzo(k)fluoranthene	14.99	252	41335	2.41	ng	#	93

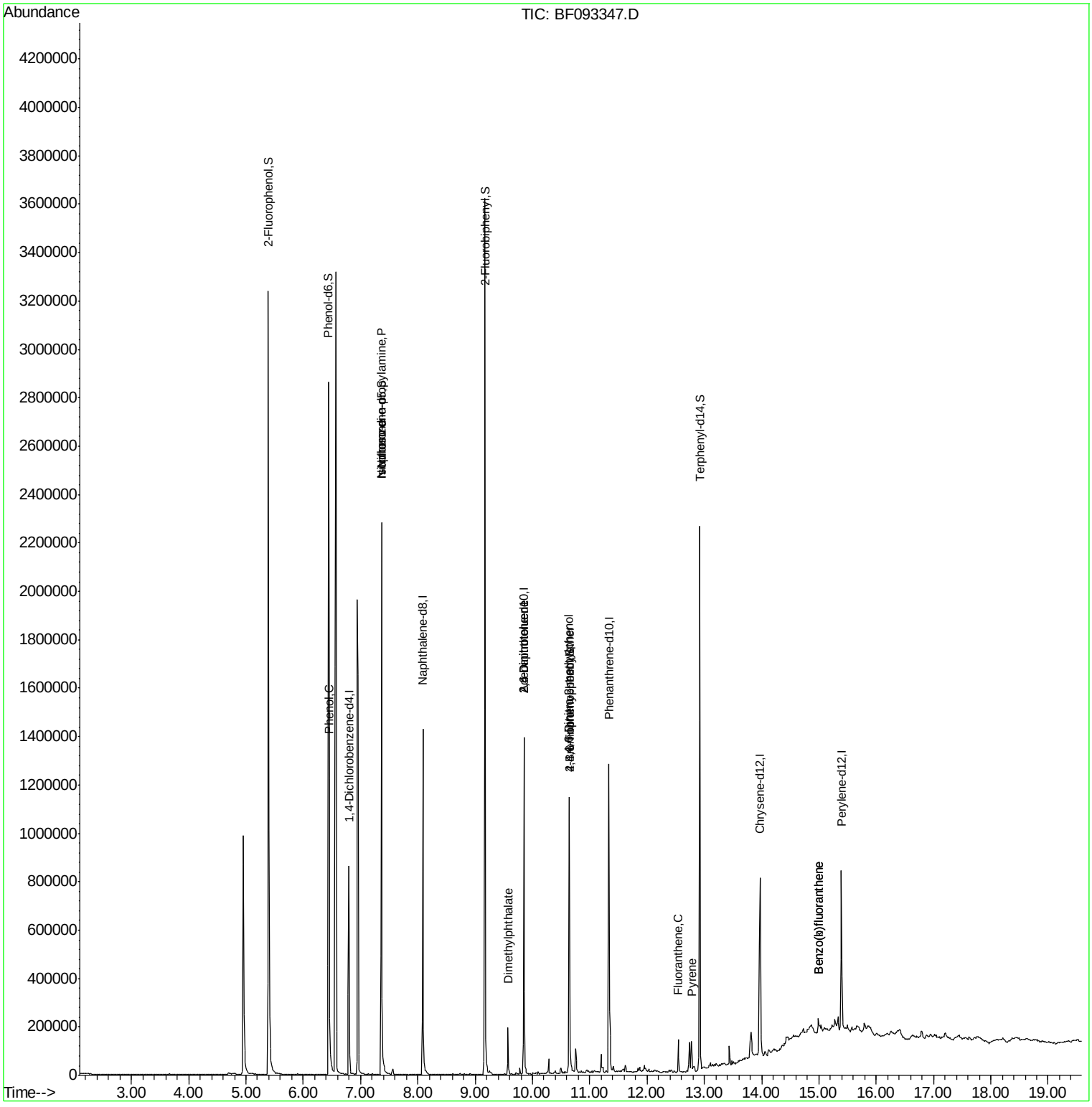
(#) = qualifier out of range (m) = manual integration (+) = signals summed

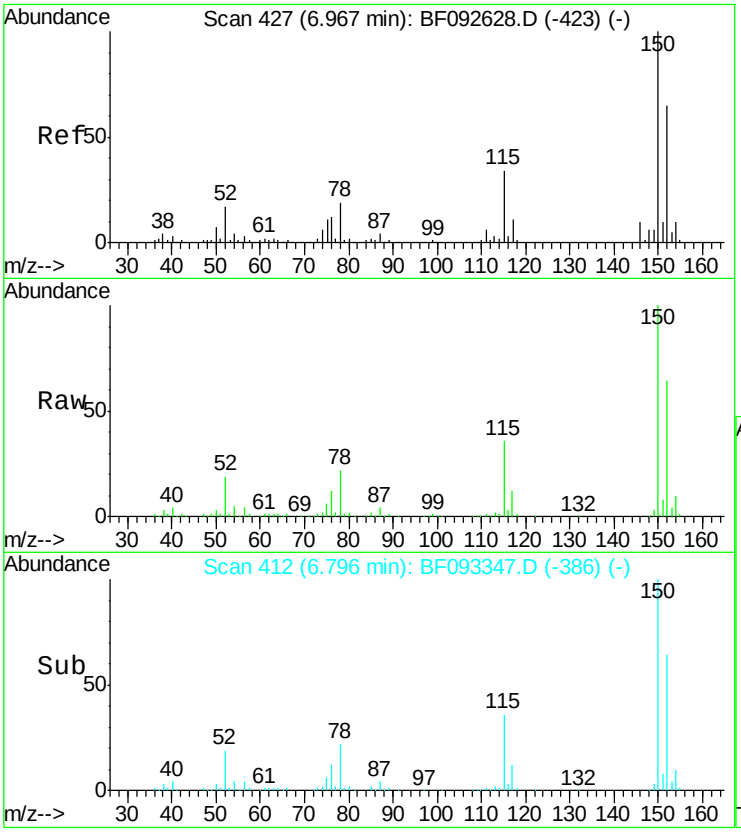
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093347.D
Acq On : 3 Mar 2017 3:24
Operator : SJ/MA
Sample : I2033-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-002-B

Quant Time: Mar 03 03:53:40 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



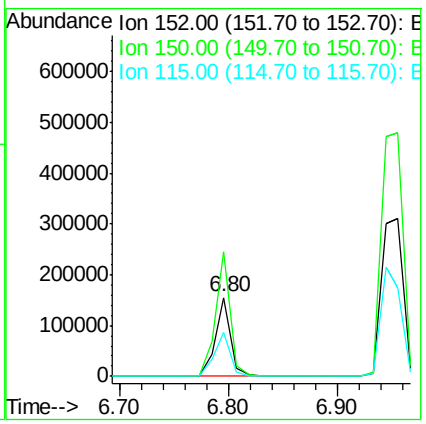


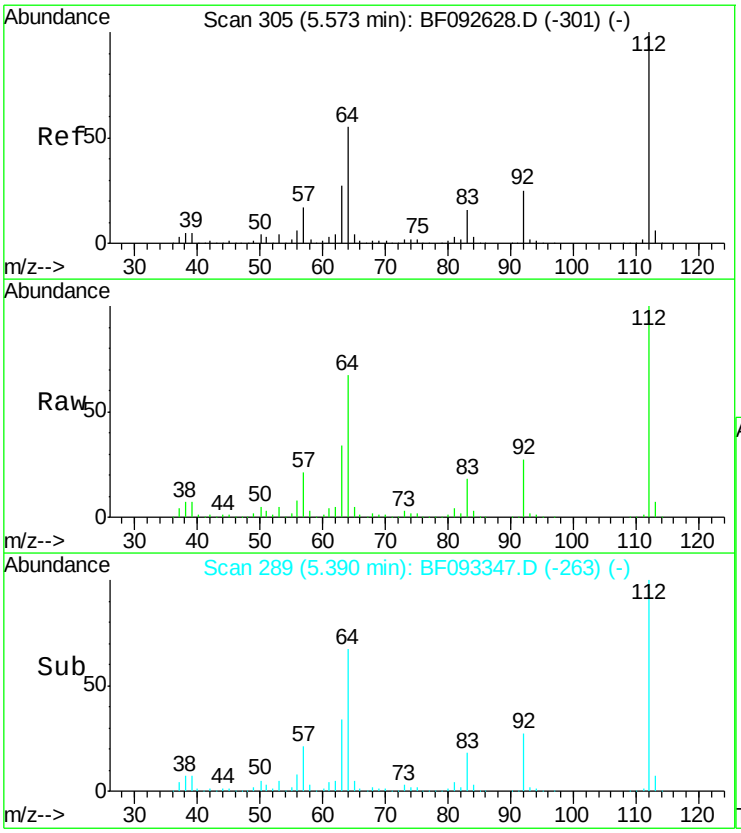
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:152 Resp: 150303

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	56.2	46.0	69.0

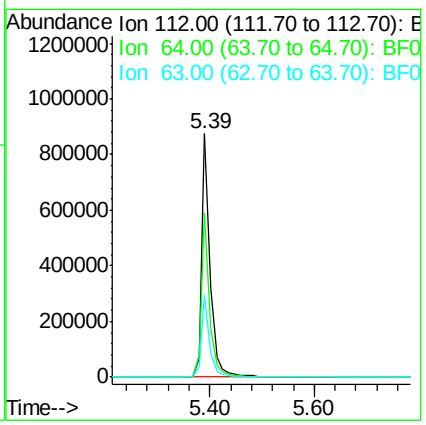


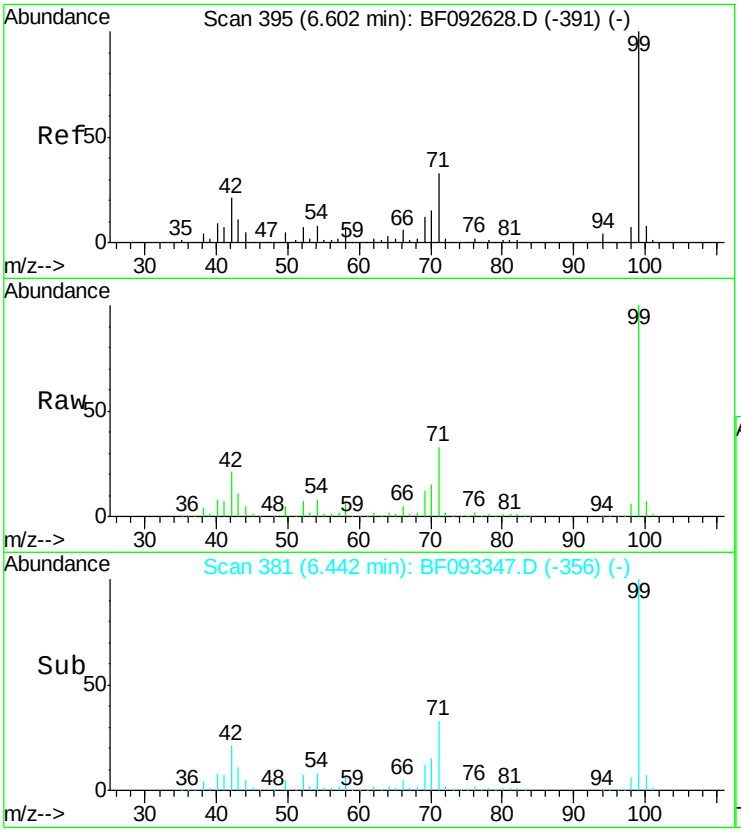


#5
2-Fluorophenol
Concen: 112.25 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:112 Resp: 983439

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	33.9	23.8	35.6



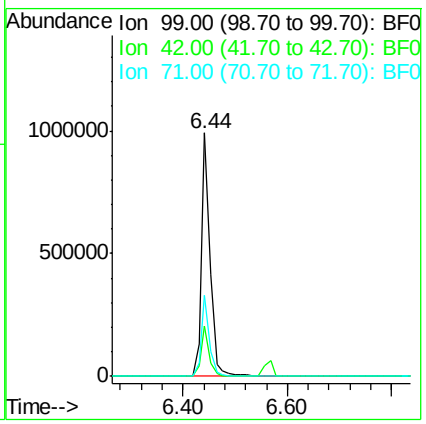


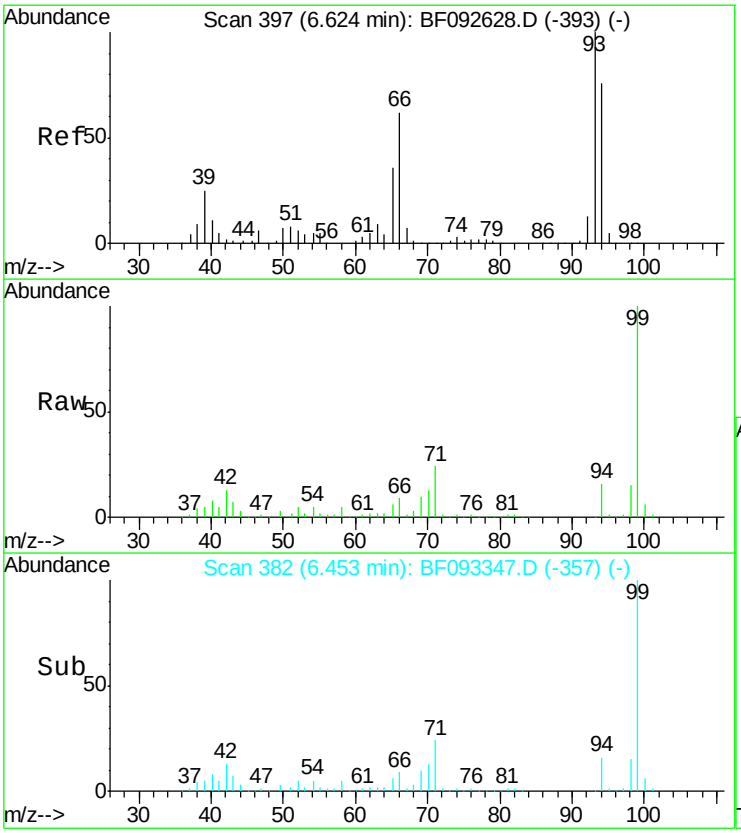
#7
Phenol-d6
Concen: 101.63 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion: 99 Resp: 1145573

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.6	23.4
71	33.3	27.5	41.3

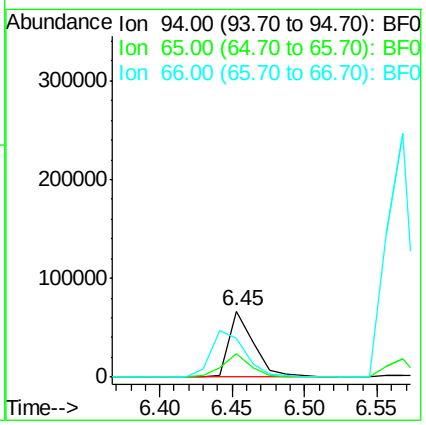


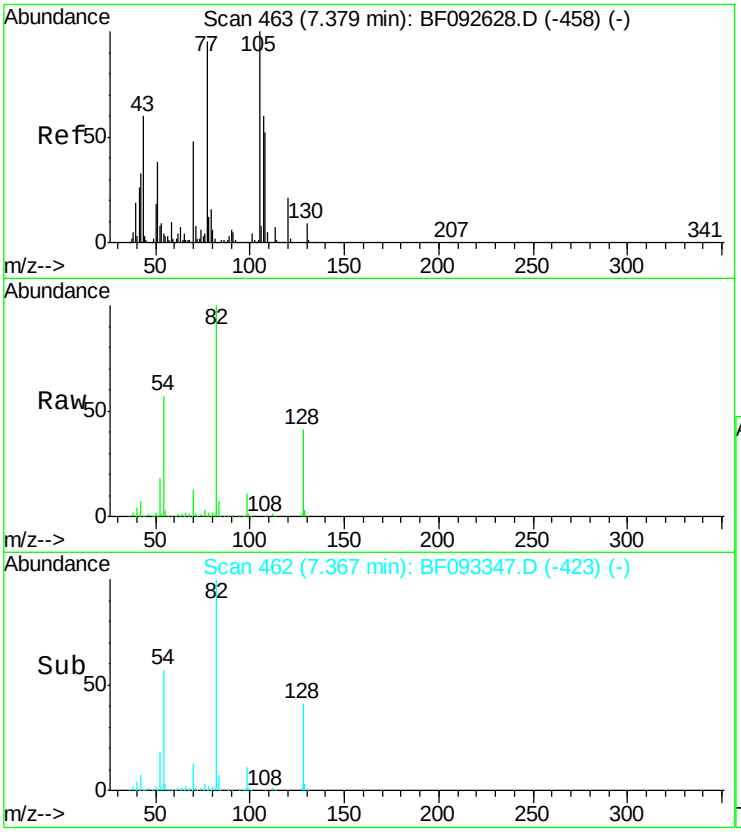


#10
Phenol
Concen: 6.01 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion: 94 Resp: 79266

Ion	Ratio	Lower	Upper
94	100		
65	36.6	21.4	61.4
66	58.6	44.0	84.0



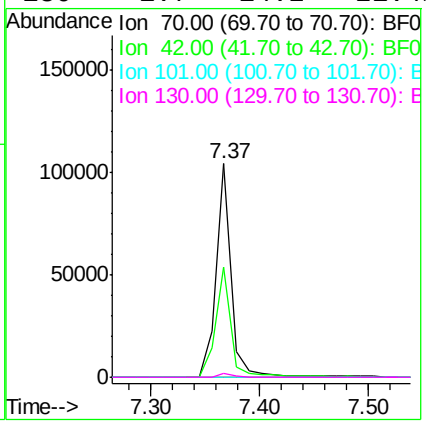


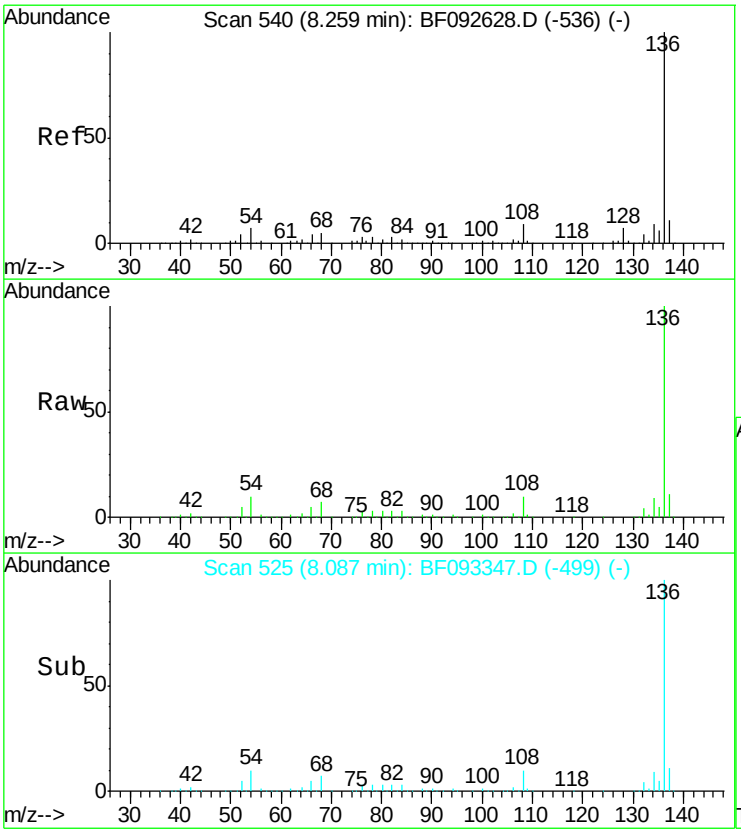
#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion: 70 Resp: 101793

Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.4	74.0
101	0.0	7.4	11.2#
130	1.7	14.2	21.4#

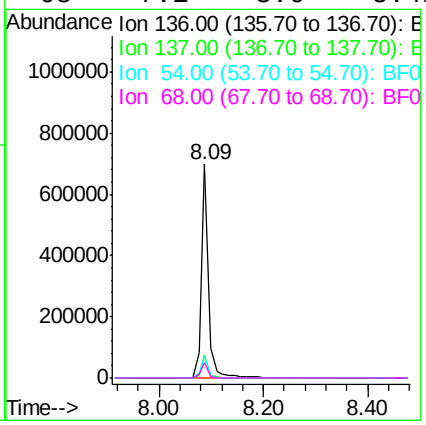


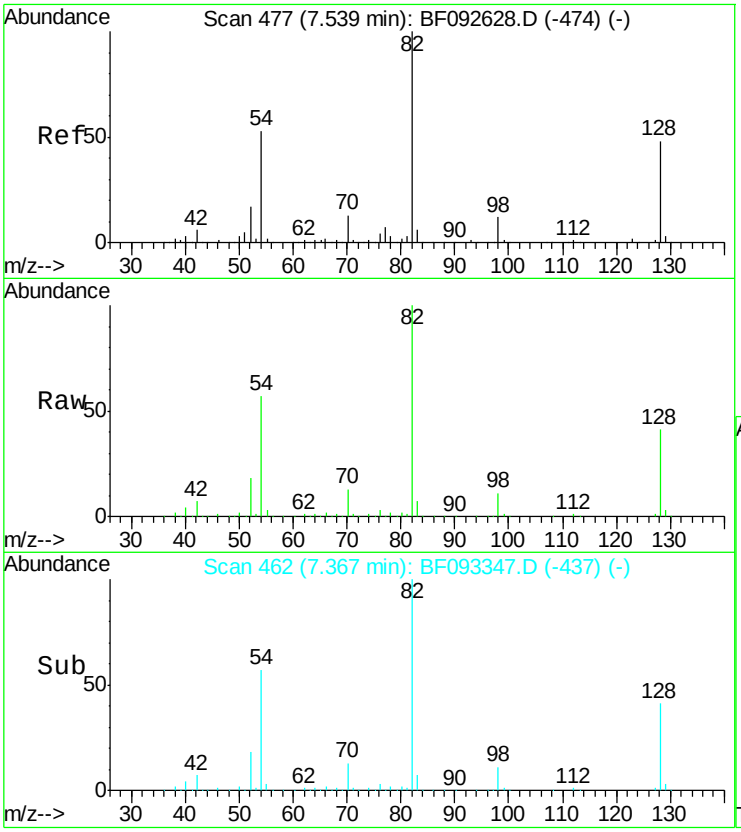


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:136 Resp: 649330

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.0	4.5	6.7#
68	7.1	3.6	5.4#



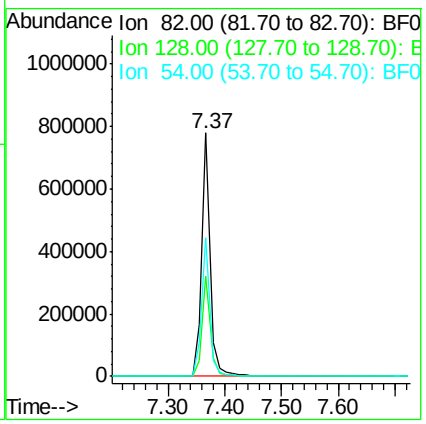


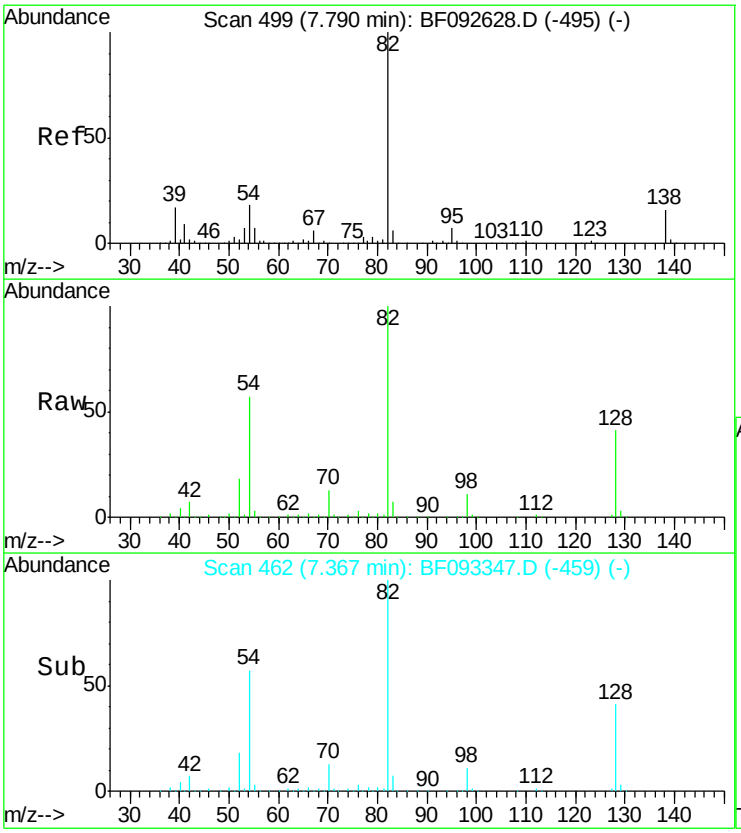
#23
Nitrobenzene-d5
Concen: 66.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion: 82 Resp: 772213

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	57.0	39.5	59.3

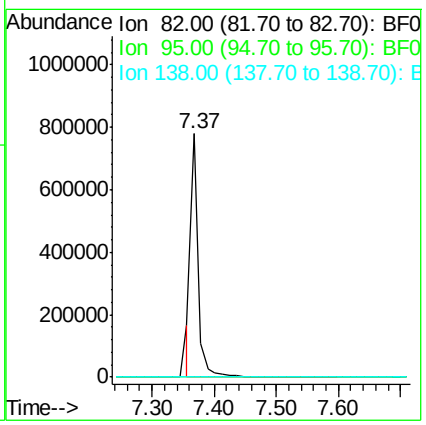


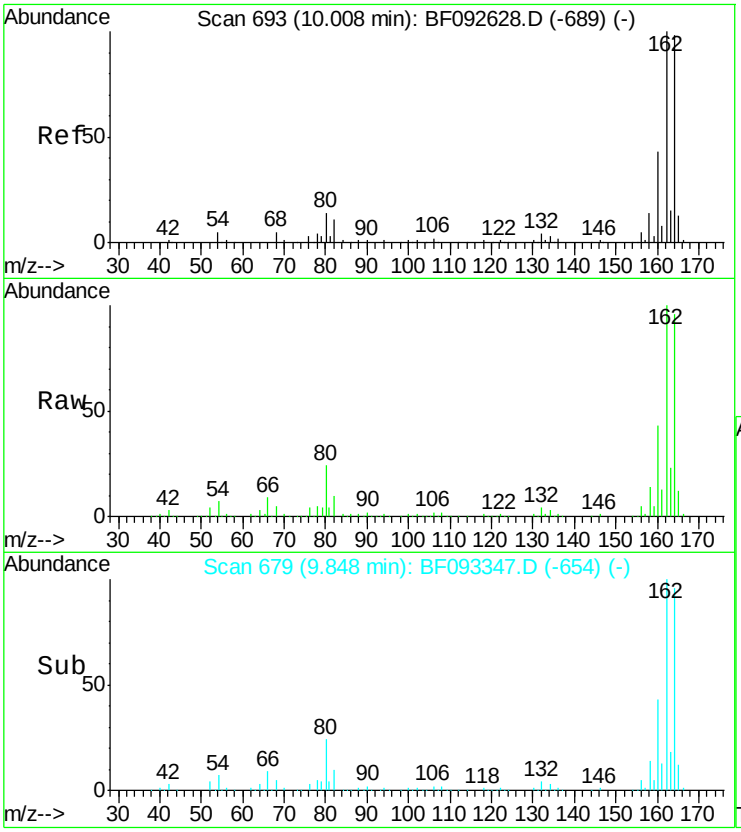


#25
Isophorone
Concen: 30.03 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.26 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion: 82 Resp: 652562

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



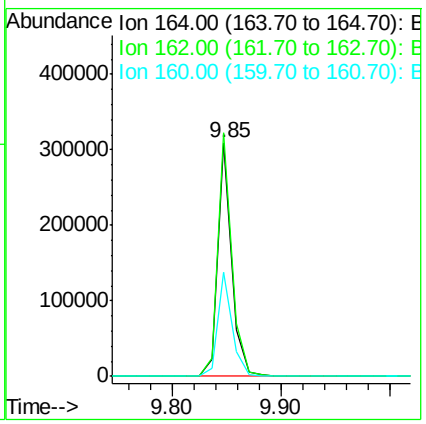


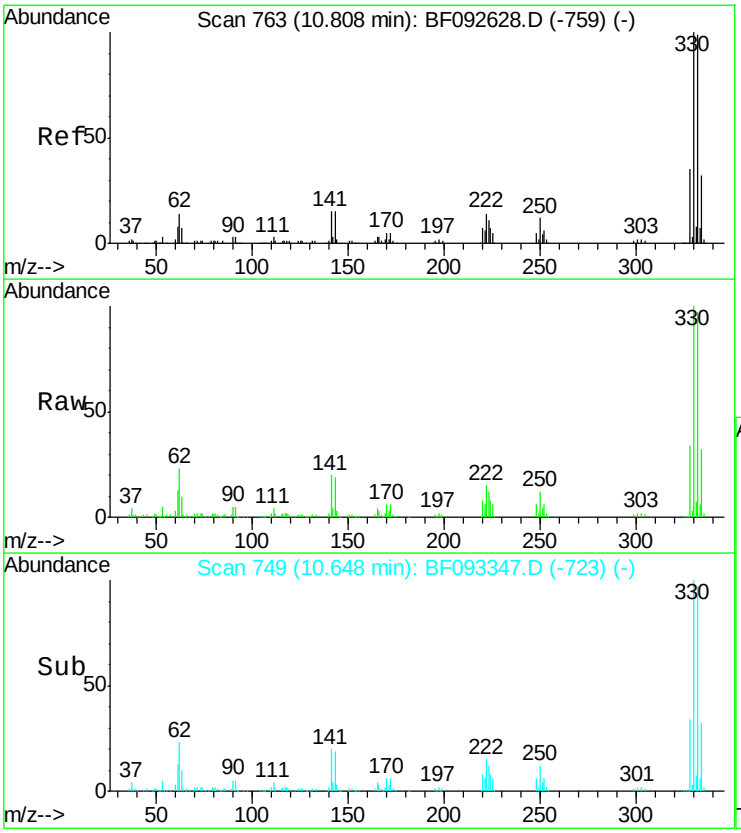
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:164 Resp: 278847

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	44.8	36.9	55.3

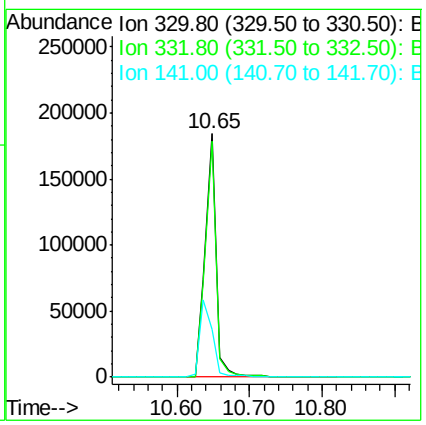


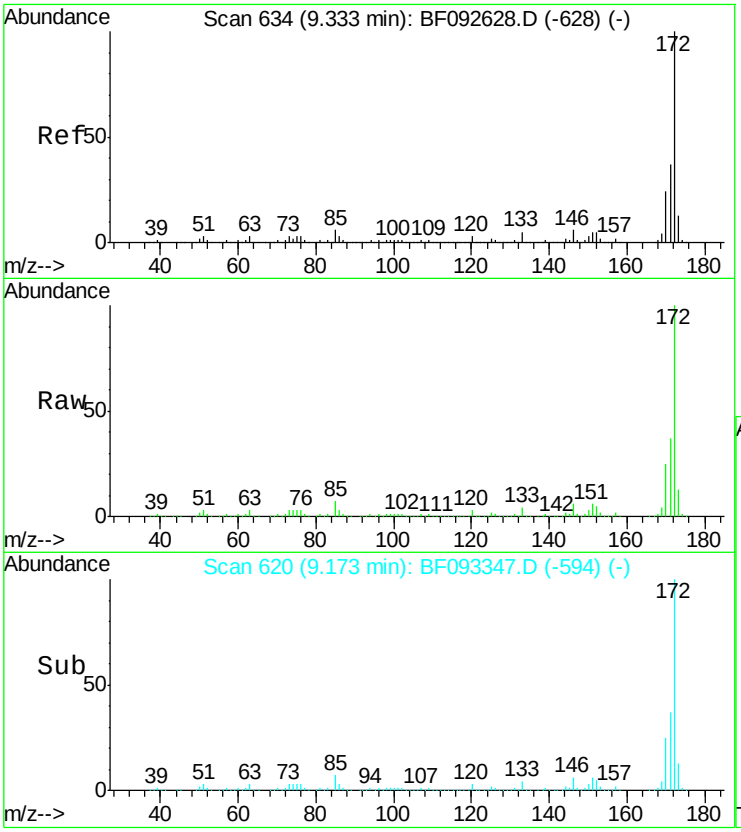


#41
2,4,6-Tribromophenol
Concen: 97.80 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:330 Resp: 197239

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	36.2	34.1	51.1



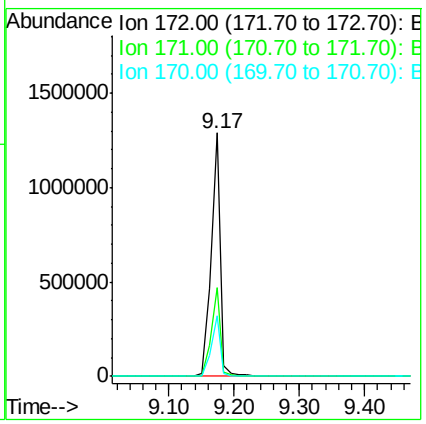


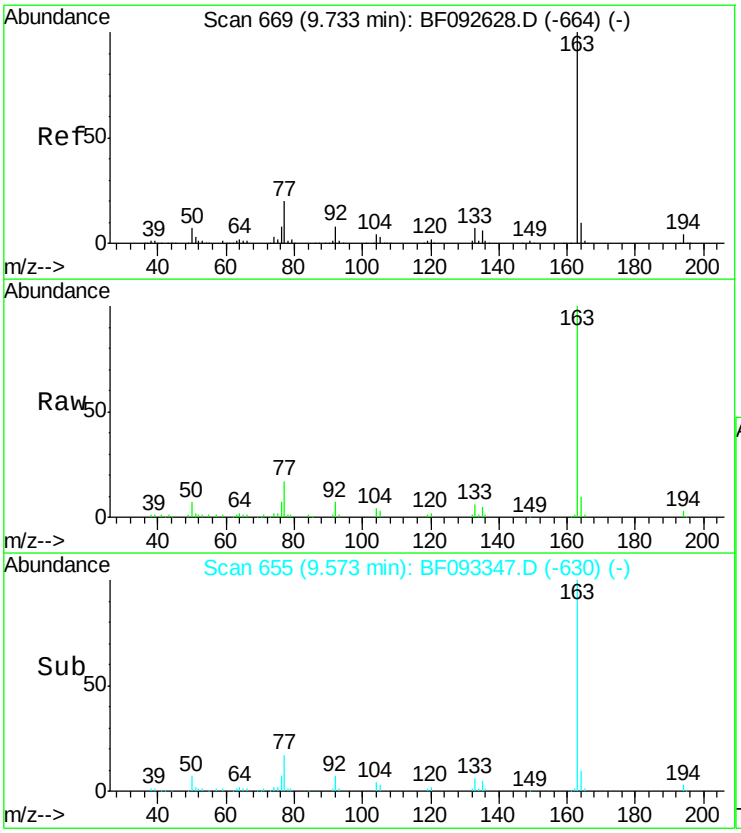
#44
2-Fluorobiphenyl
Concen: 83.63 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:172 Resp: 1287280

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	20.2	30.4

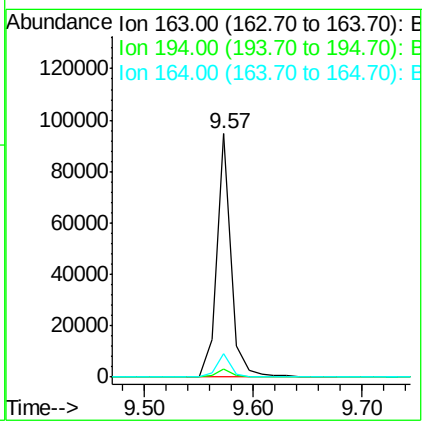


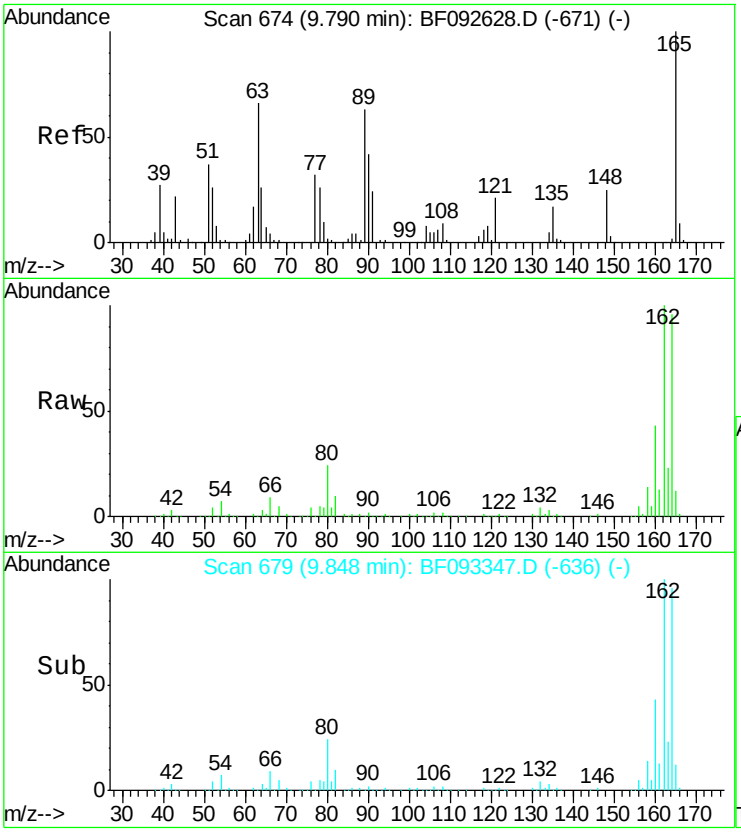


#49
Dimethylphthalate
Concen: 4.64 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:163 Resp: 87187

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.6	8.0	12.0



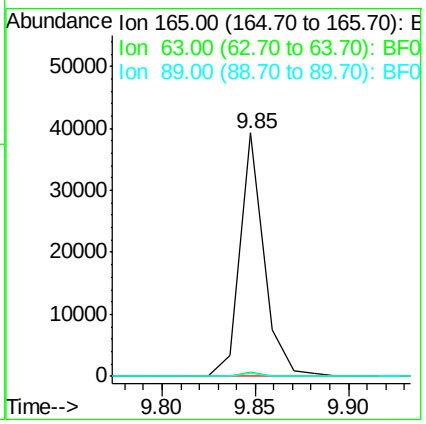


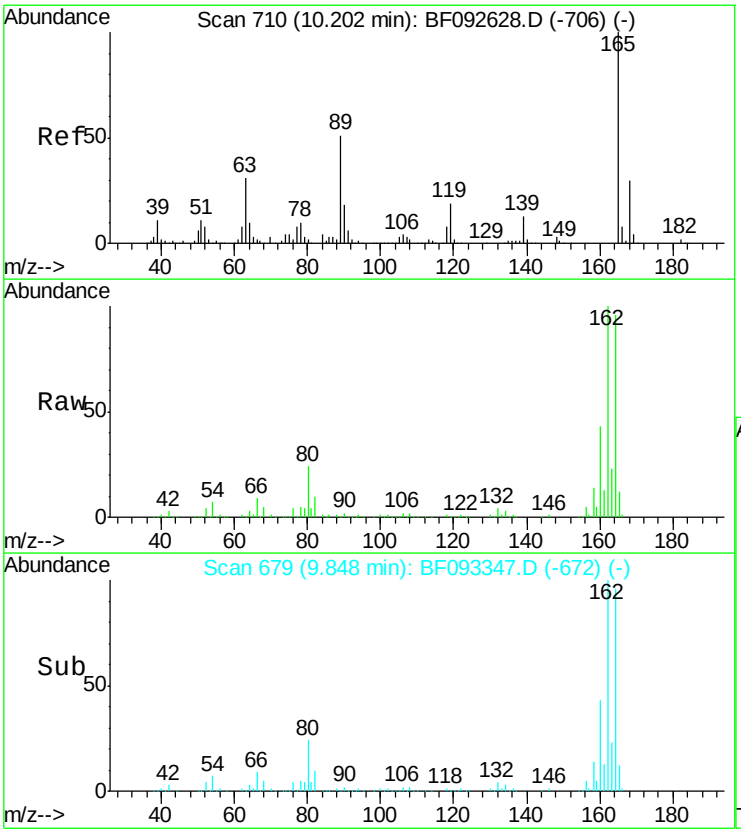
#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.19 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:165 Resp: 35309

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.2	40.2	60.4#

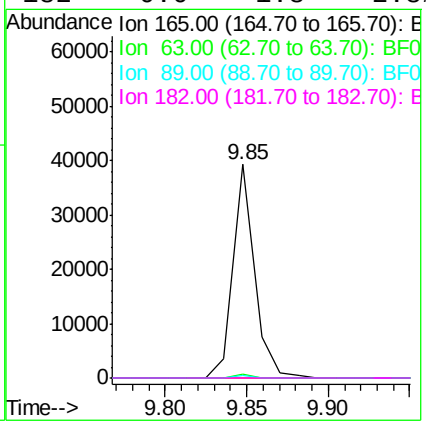


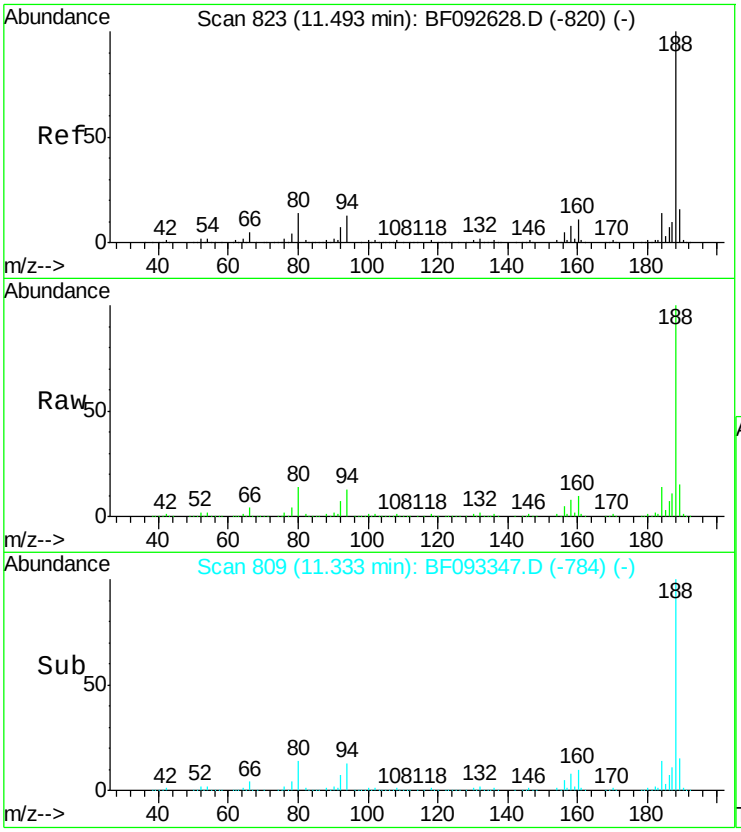


#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:165 Resp: 35304

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



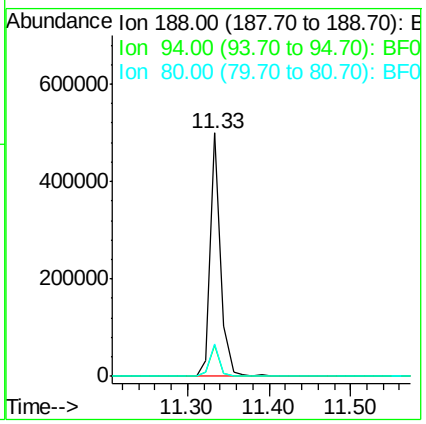


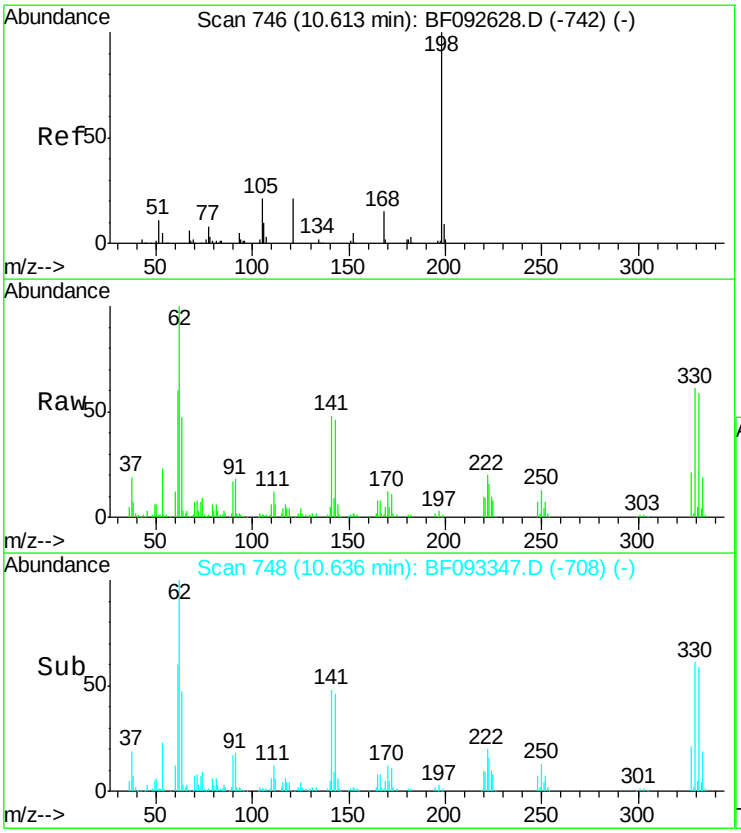
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:188 Resp: 450556

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.5	11.2	16.8

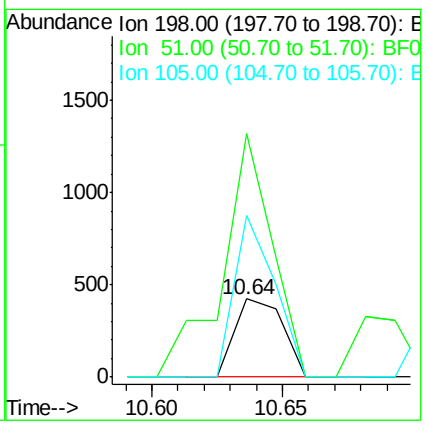


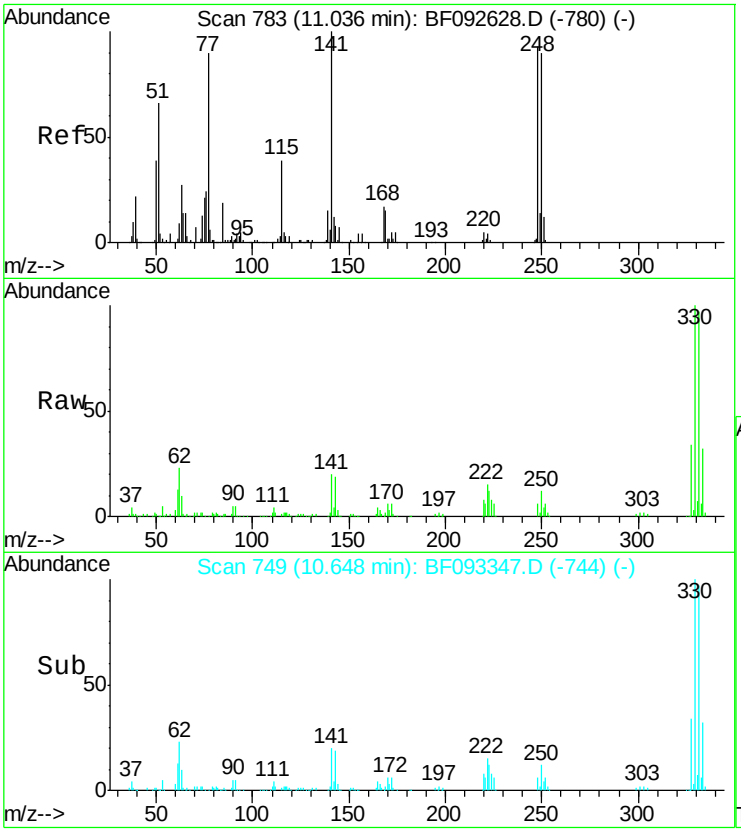


#64
4,6-Dinitro-2-methylphenol
Concen: 2.86 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.16 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:198 Resp: 544

Ion	Ratio	Lower	Upper
198	100		
51	311.1	6.7	46.7#
105	205.9	16.6	56.6#



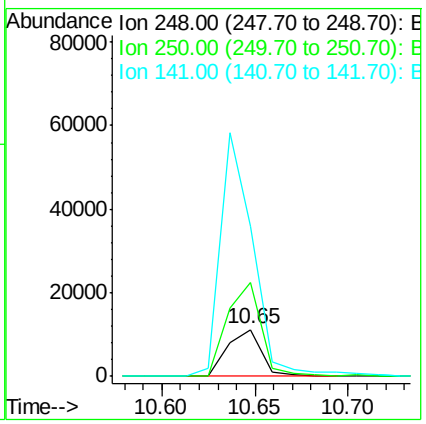


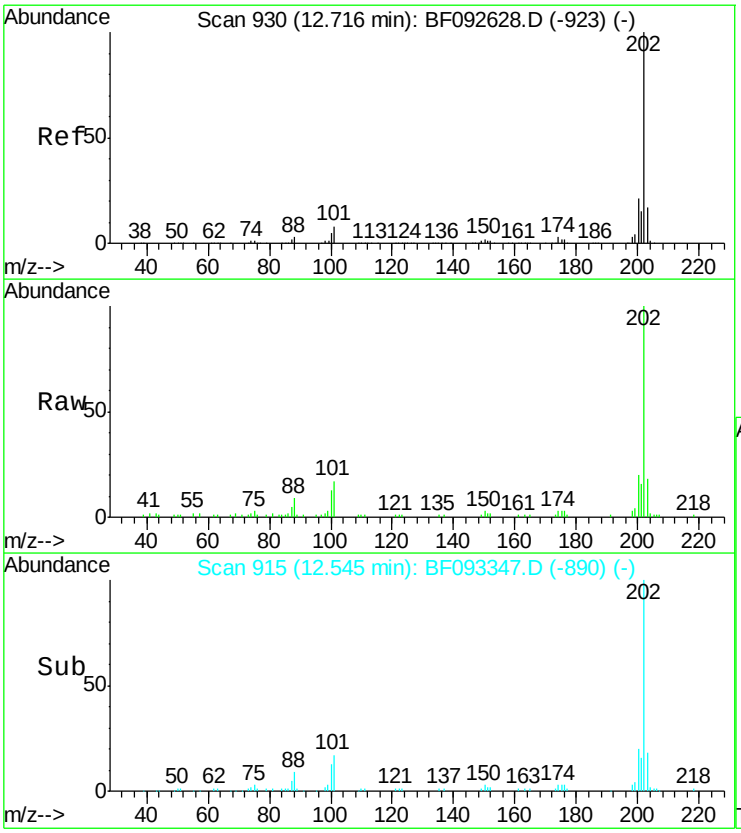
#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:248 Resp: 14074

Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	321.0	68.2	102.4#

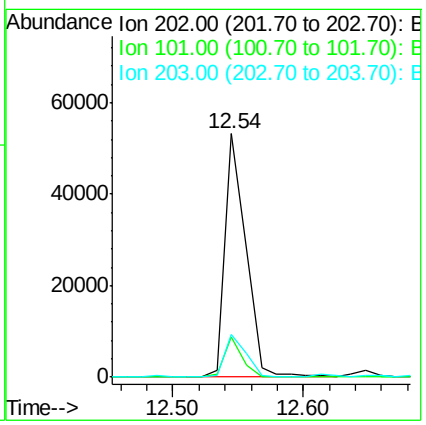


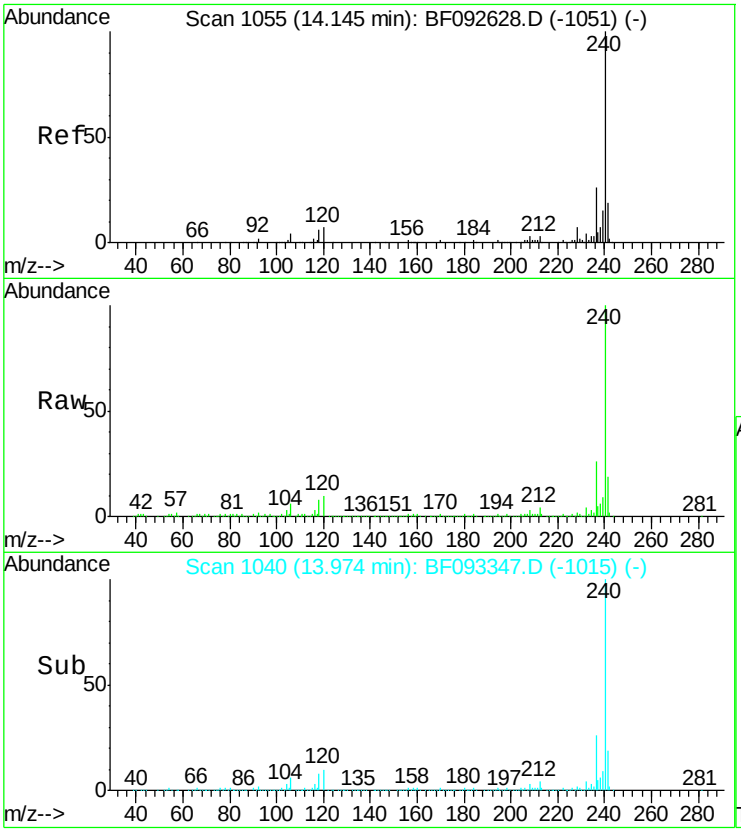


#74
Fluoranthene
Concen: 2.23 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:202 Resp: 59296

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	34.6
203	17.6	0.0	38.7



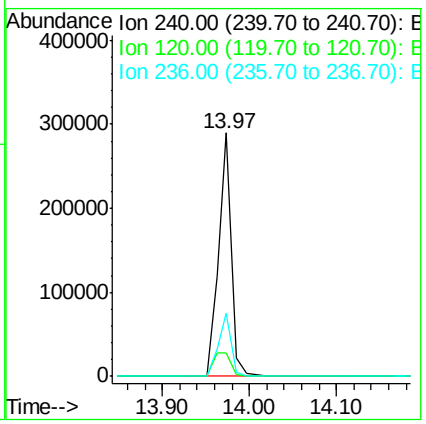


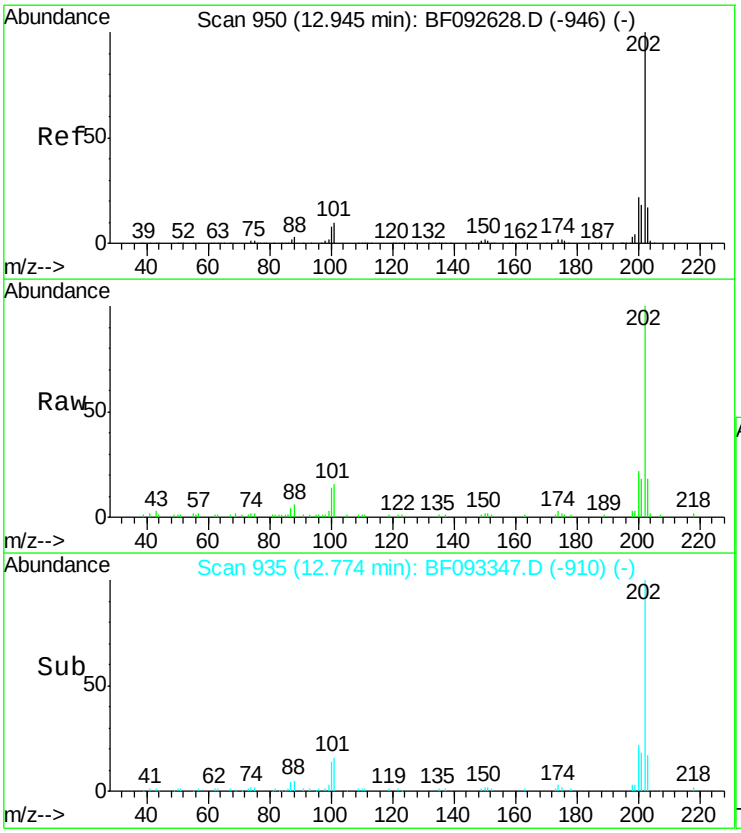
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:240 Resp: 301473

Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	25.7	20.9	31.3

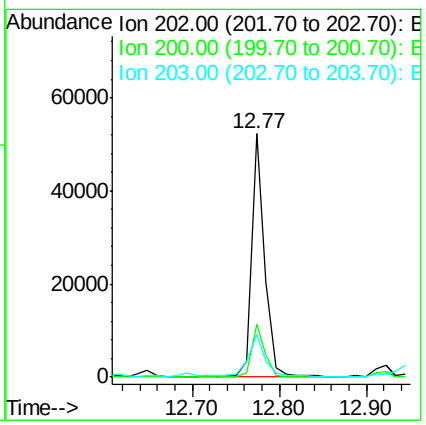


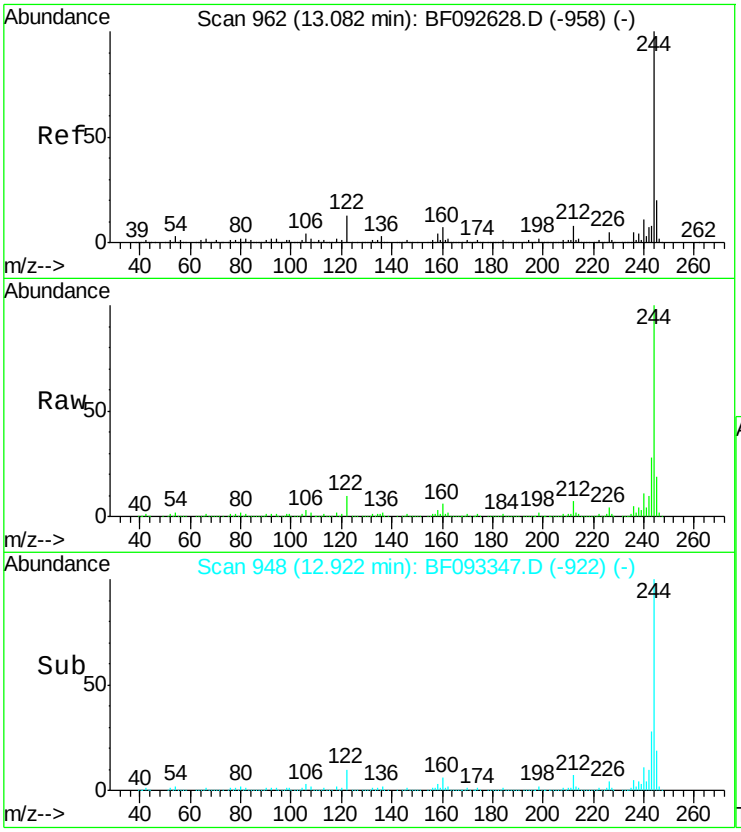


#77
Pyrene
Concen: 2.47 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:202 Resp: 55744

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.7	14.7	22.1



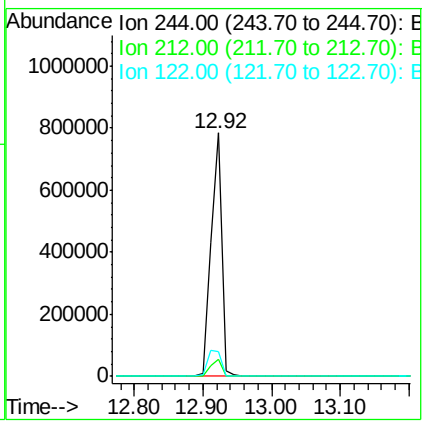


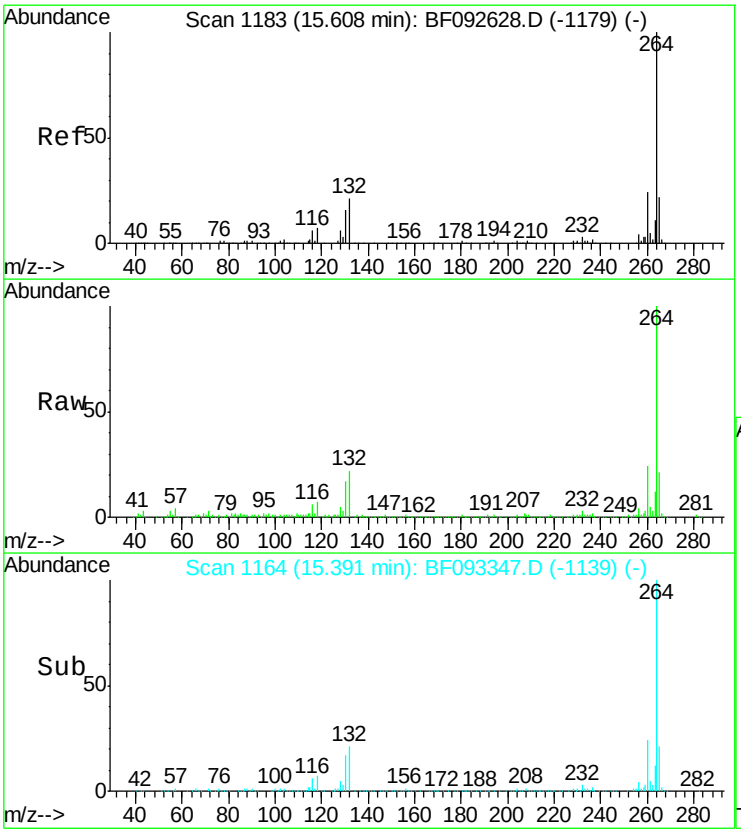
#78
Terphenyl-d14
Concen: 67.10 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:244 Resp: 860888

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.9	11.4	17.2#

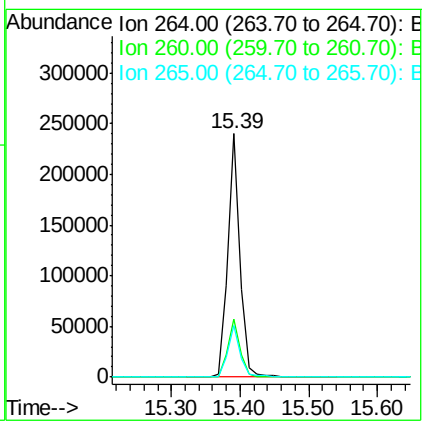


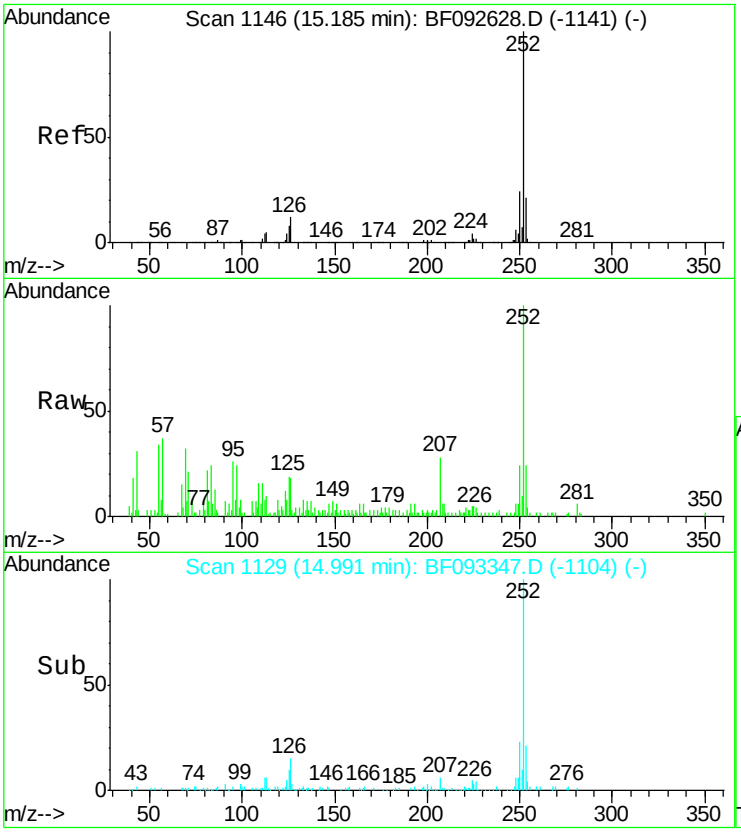


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:264 Resp: 301707

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0



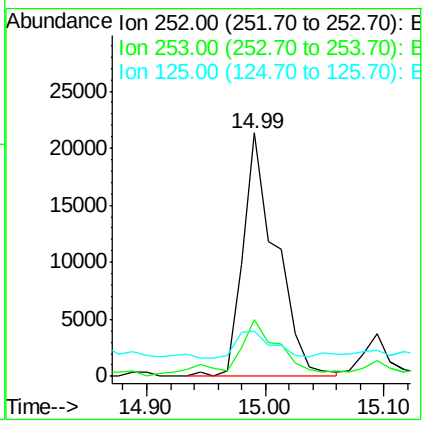


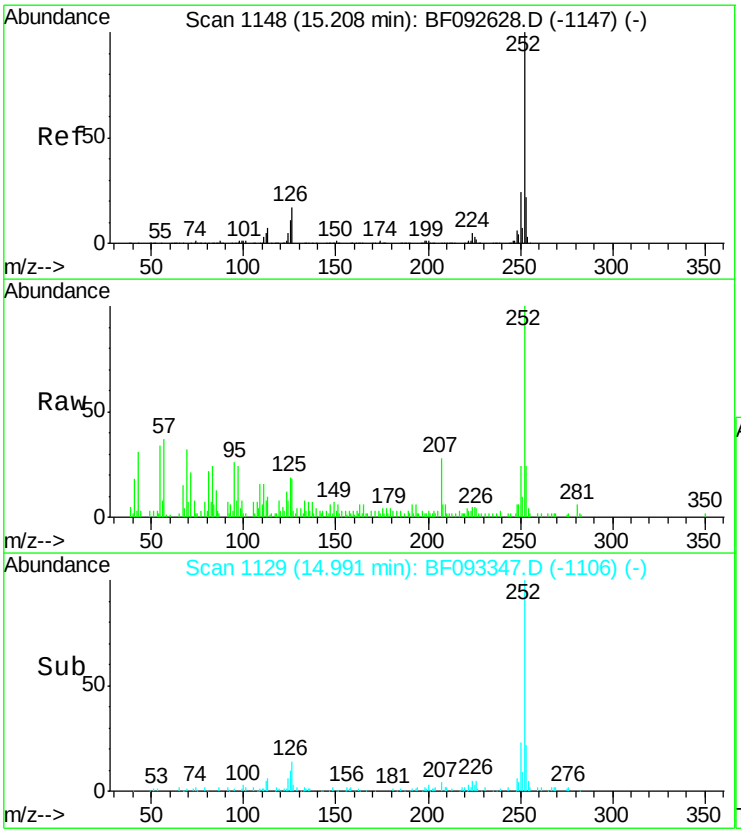
#87
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-002-B

Tgt Ion:252 Resp: 41335

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	18.6	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 2.41 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BF093347.D
Acq: 3 Mar 2017 3:24

Tgt Ion:252 Resp: 41335

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	18.6	8.9	13.3#