Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093301.D
Acq On : 1 Mar 2017 20:43
Operator : SJ/MA
Sample : I2033-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 02 00:05:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137157	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	535097	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	247238	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	439613	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	332976	20.00	ng	-0.05
86) Perylene-d12	15.39	264	272333	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	702371	87.86	ng	-0.05
7) Phenol-d6	6.45	99	931132	90.52	ng	-0.03
23) Nitrobenzene-d5	7.37	82	534132	55.59	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	153736	85.97	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	820893	60.15	ng	-0.06
78) Terphenyl-d14	12.91	244	675299	47.65	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.46	94	61232	5.09	ng	# 75
19) n-Nitroso-di-n-propylamine	7.37	70	68532	10.47	ng	# 87
25) Isophorone	7.37	82	529817	29.59	ng	# 65
49) Dimethylphthalate	9.56	163	68225	4.10	ng	99
50) 2,6-Dinitrotoluene	9.84	165	31622	8.79	ng	# 31
56) 2,4-Dinitrotoluene	9.84	165	31623	6.60	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	343	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11121	2.42	ng	# 1
74) Fluoranthene	12.54	202	54763	2.11	ng	93

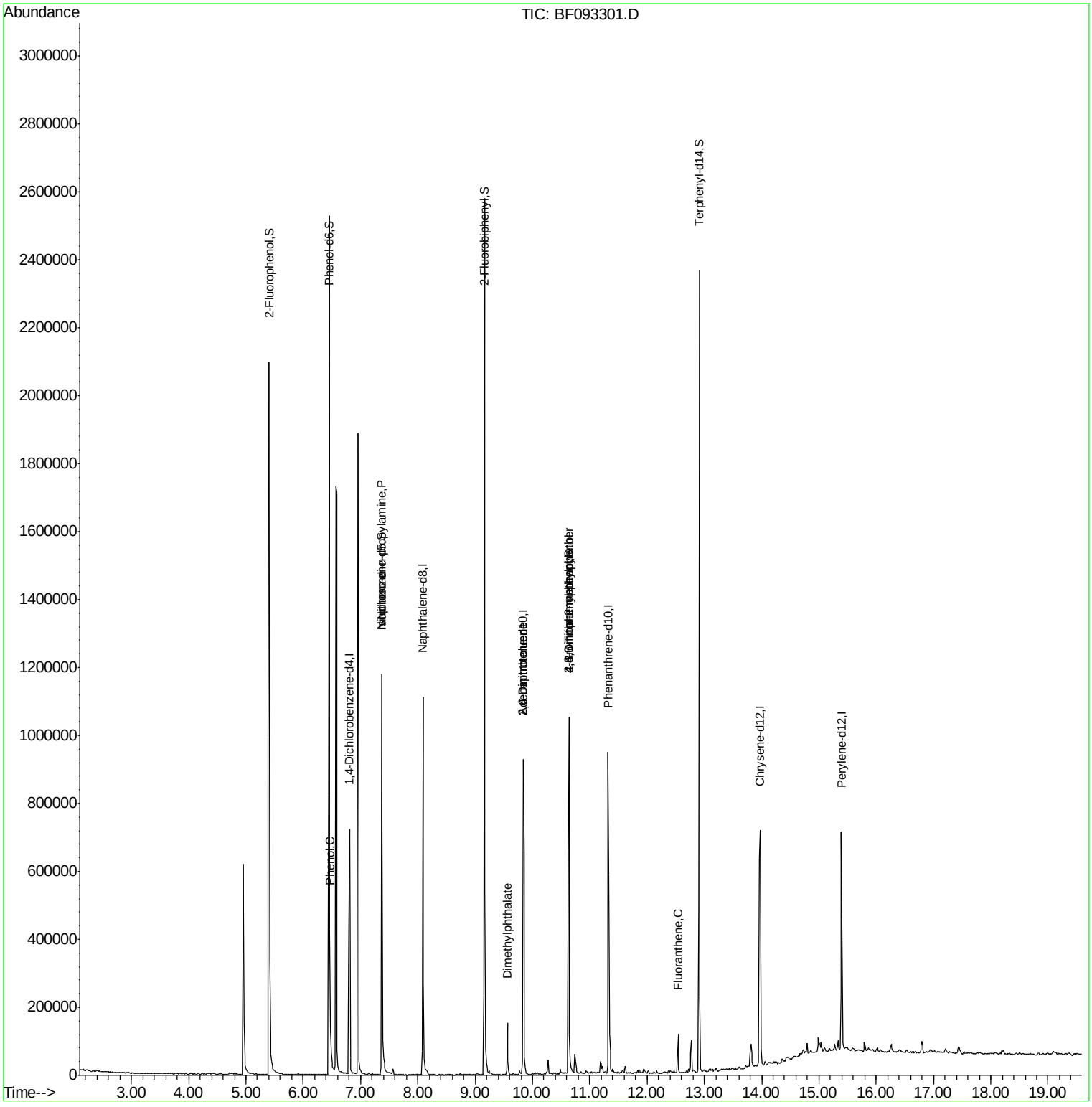
(#) = qualifier out of range (m) = manual integration (+) = signals summed

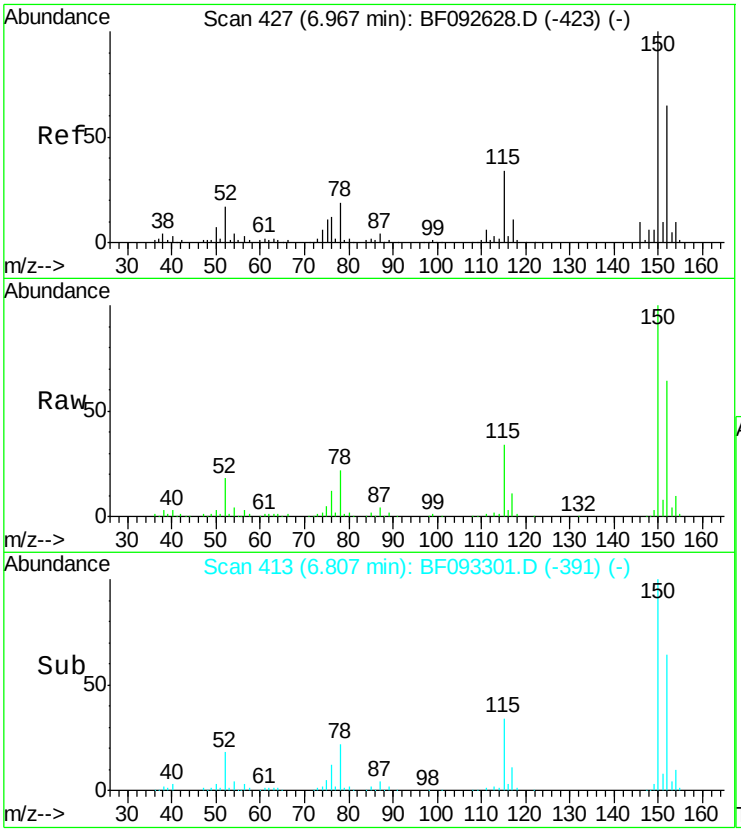
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093301.D
Acq On : 1 Mar 2017 20:43
Operator : SJ/MA
Sample : I2033-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 02 00:05:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



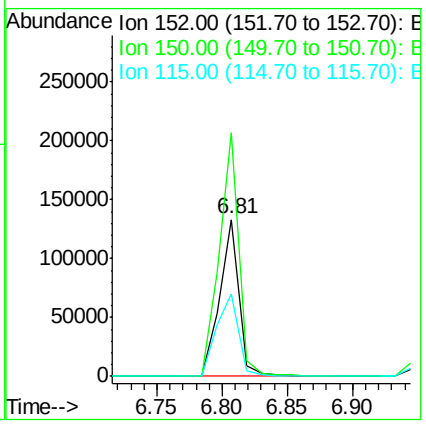


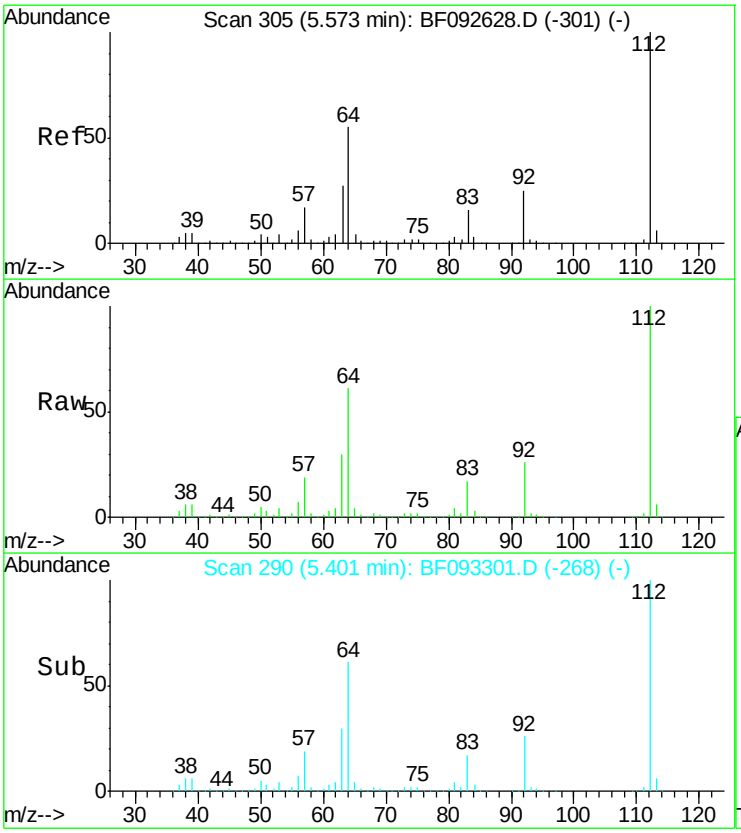
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:152 Resp: 137157

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	52.7	46.0	69.0

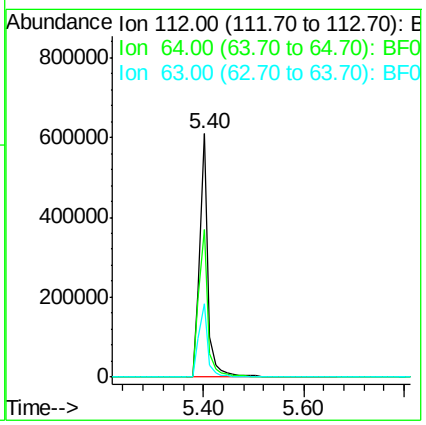


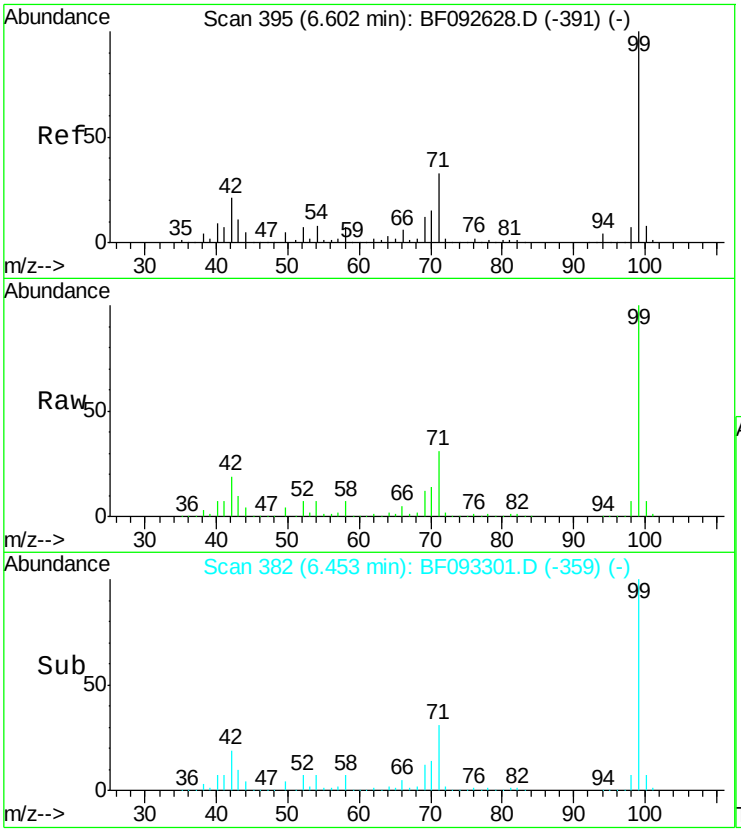


#5
2-Fluorophenol
Concen: 87.86 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:112 Resp: 702371

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.1	69.1
63	30.3	23.8	35.6



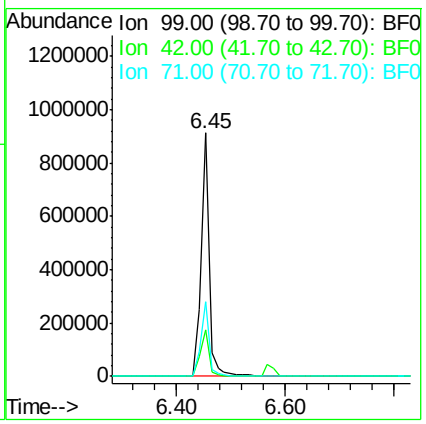


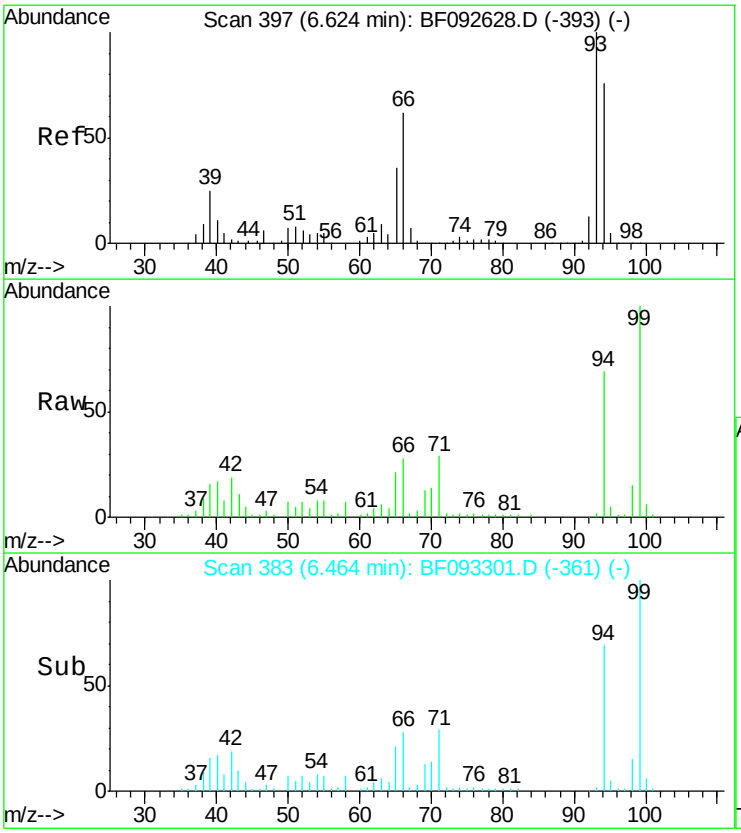
#7
Phenol-d6
Concen: 90.52 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.03 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion: 99 Resp: 931132

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	30.6	27.5	41.3

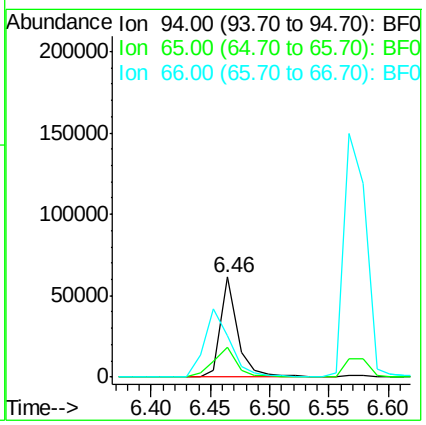


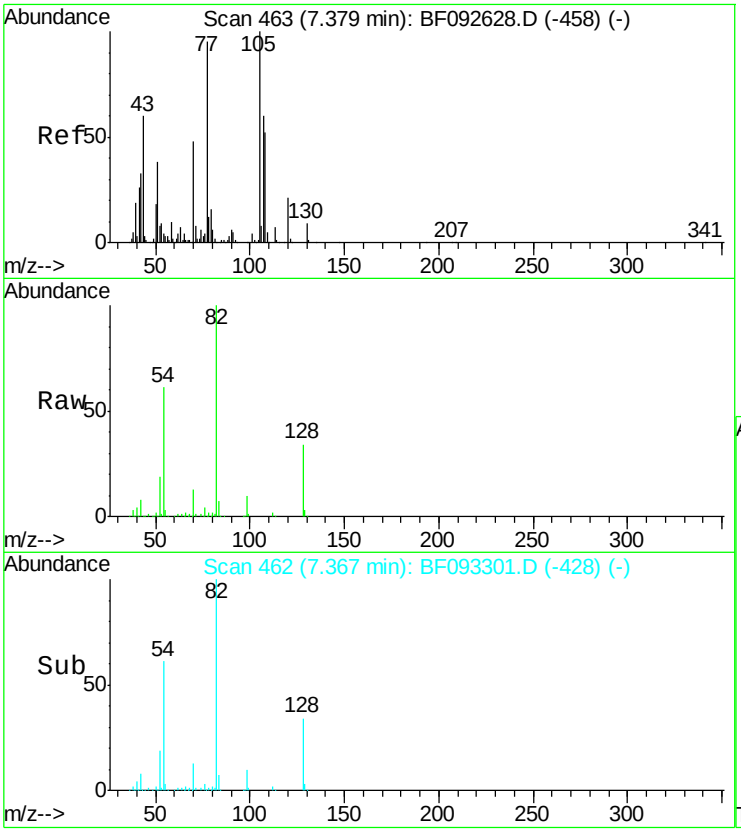


#10
Phenol
Concen: 5.09 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion: 94 Resp: 61232

Ion	Ratio	Lower	Upper
94	100		
65	29.9	21.4	61.4
66	40.9	44.0	84.0#



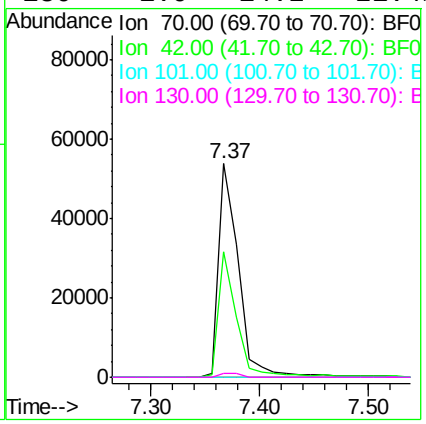


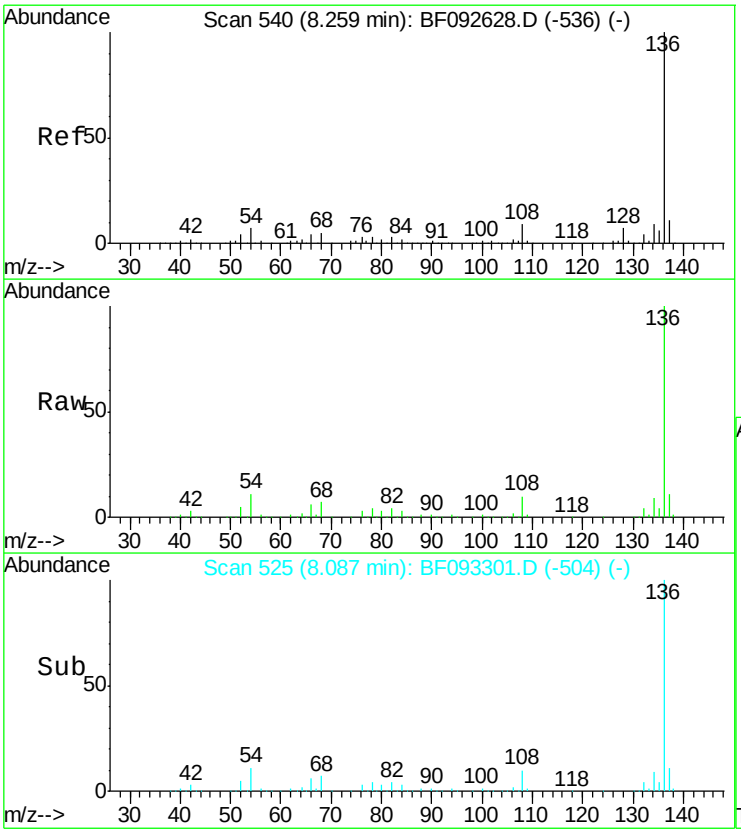
#19
n-Nitroso-di-n-propylamine
Concen: 10.47 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion: 70 Resp: 68532

Ion	Ratio	Lower	Upper
70	100		
42	58.8	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

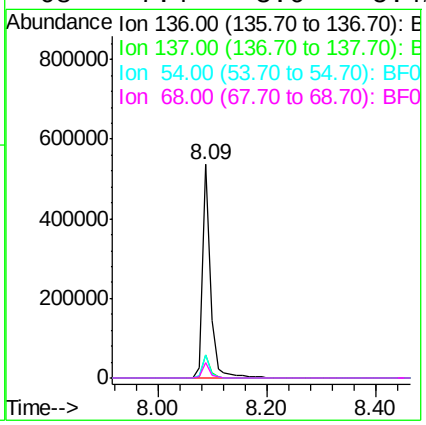


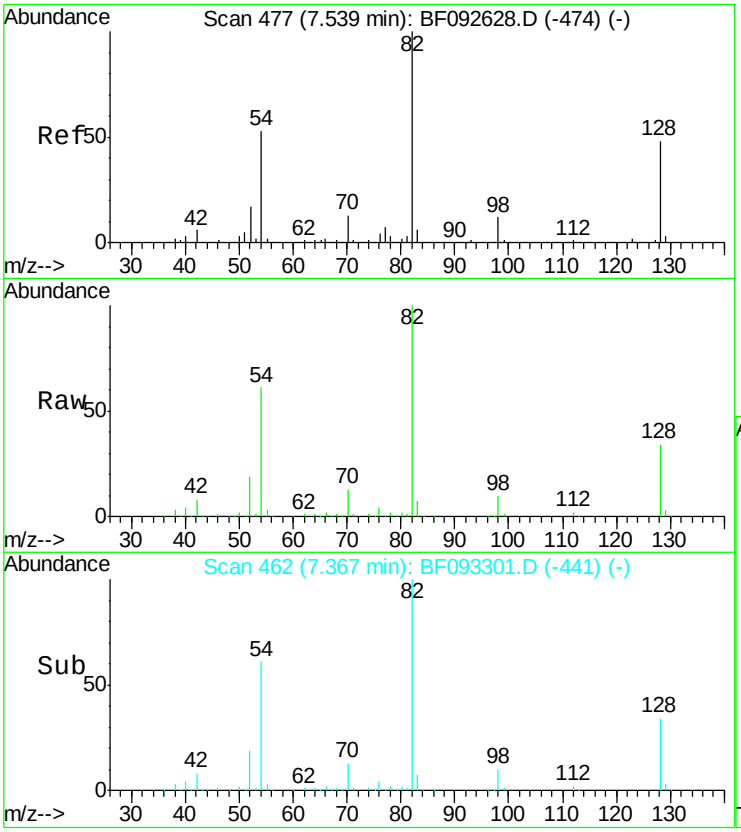


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:136 Resp: 535097

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.8	4.5	6.7#
68	7.4	3.6	5.4#



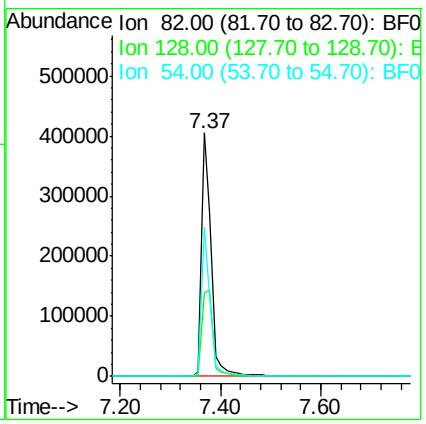


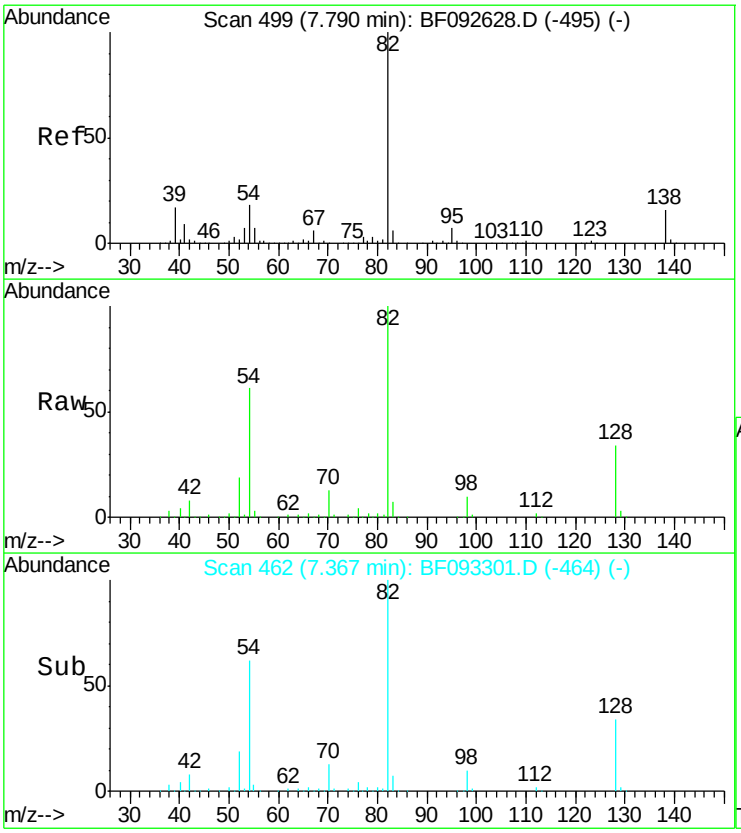
#23
Nitrobenzene-d5
Concen: 55.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion: 82 Resp: 534132

Ion	Ratio	Lower	Upper
82	100		
128	34.4	34.6	52.0#
54	60.9	39.5	59.3#

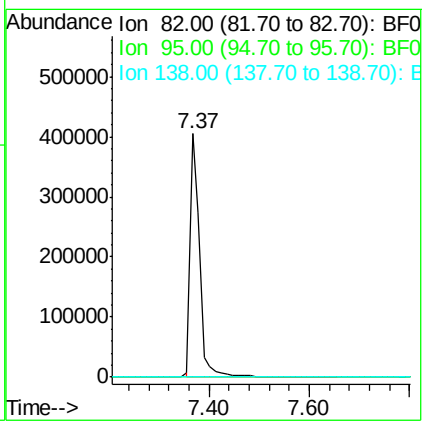


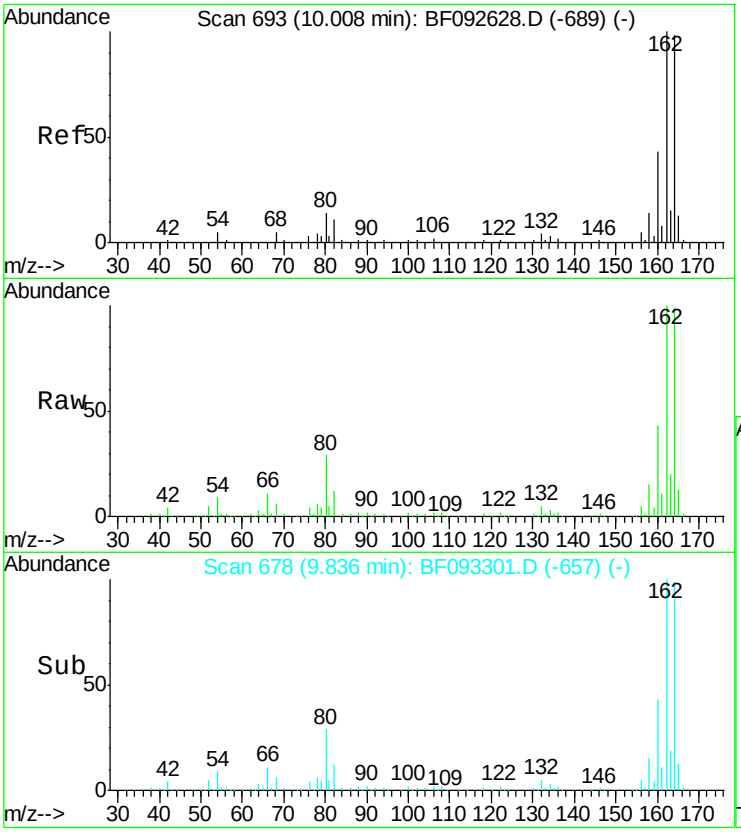


#25
Isophorone
Concen: 29.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion: 82 Resp: 529817

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



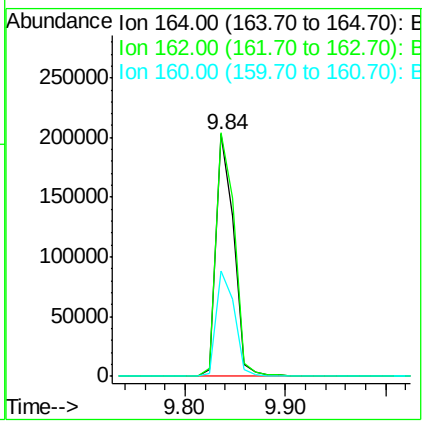


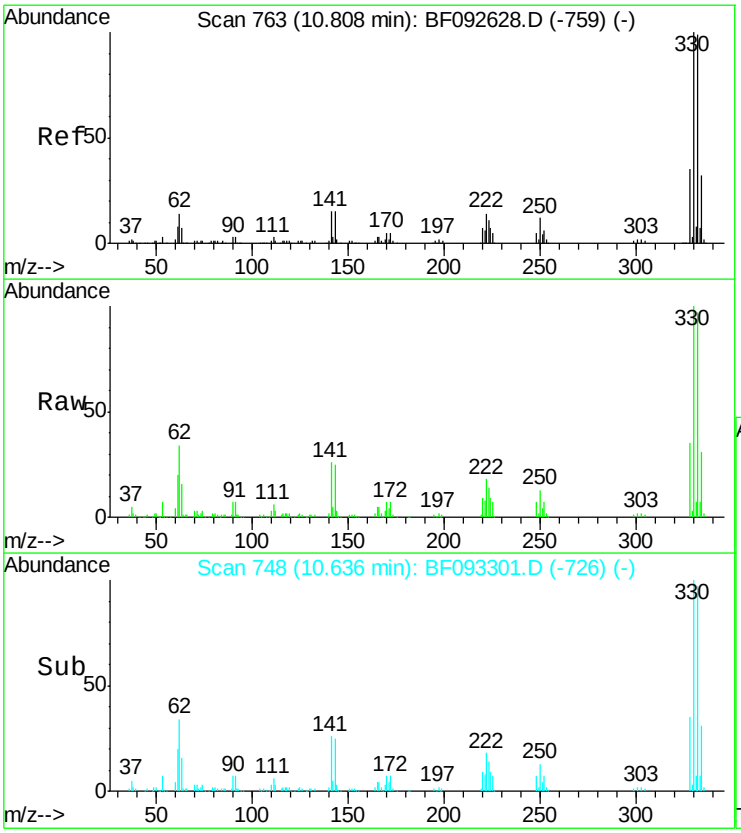
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:164 Resp: 247238

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	43.5	36.9	55.3

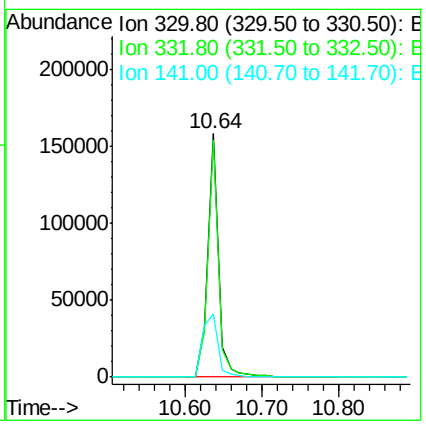


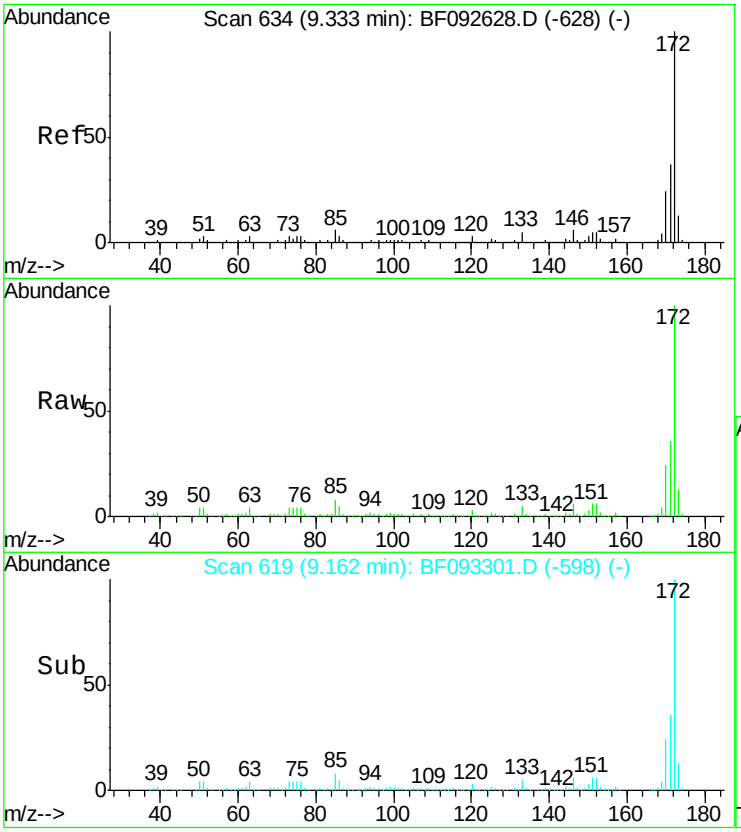


#41
2,4,6-Tribromophenol
Concen: 85.97 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:330 Resp: 153736

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	37.1	34.1	51.1



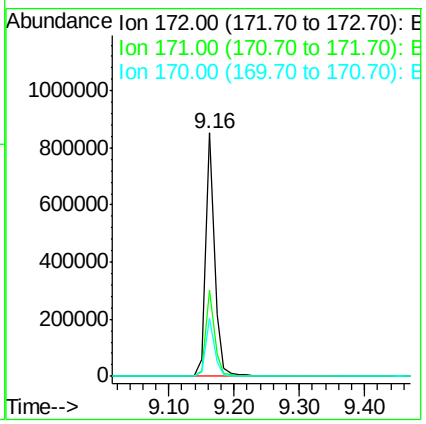


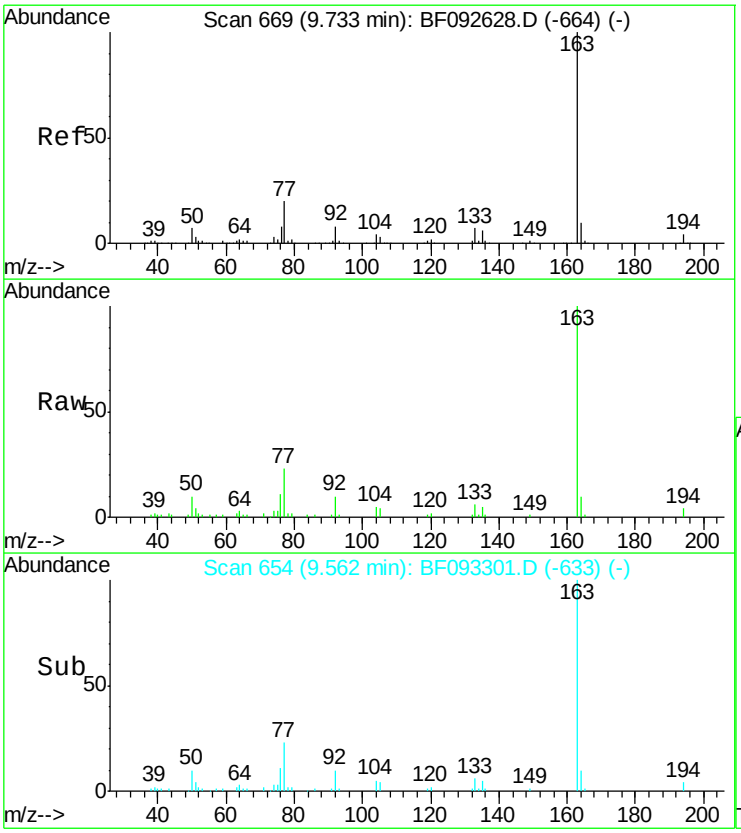
#44
2-Fluorobiphenyl
Concen: 60.15 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:172 Resp: 820893

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4

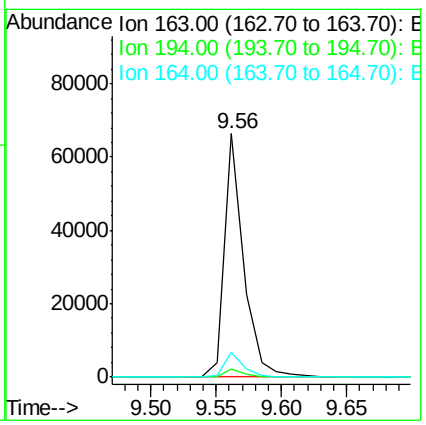


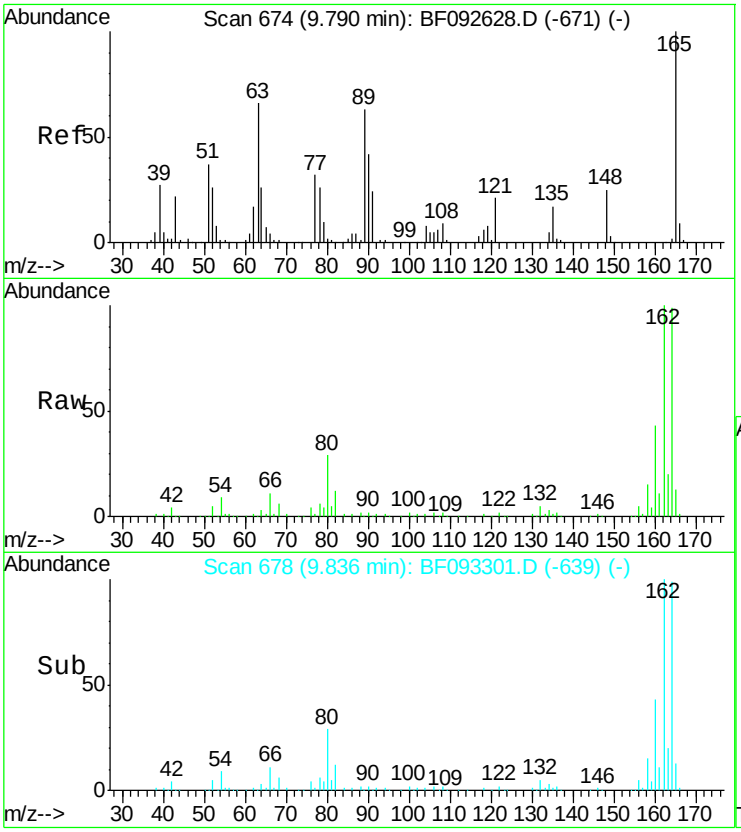


#49
Dimethylphthalate
Concen: 4.10 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:163 Resp: 68225

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0



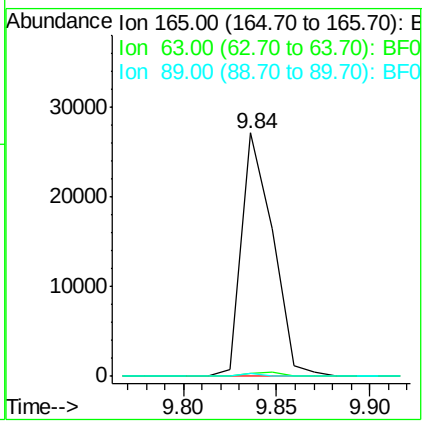


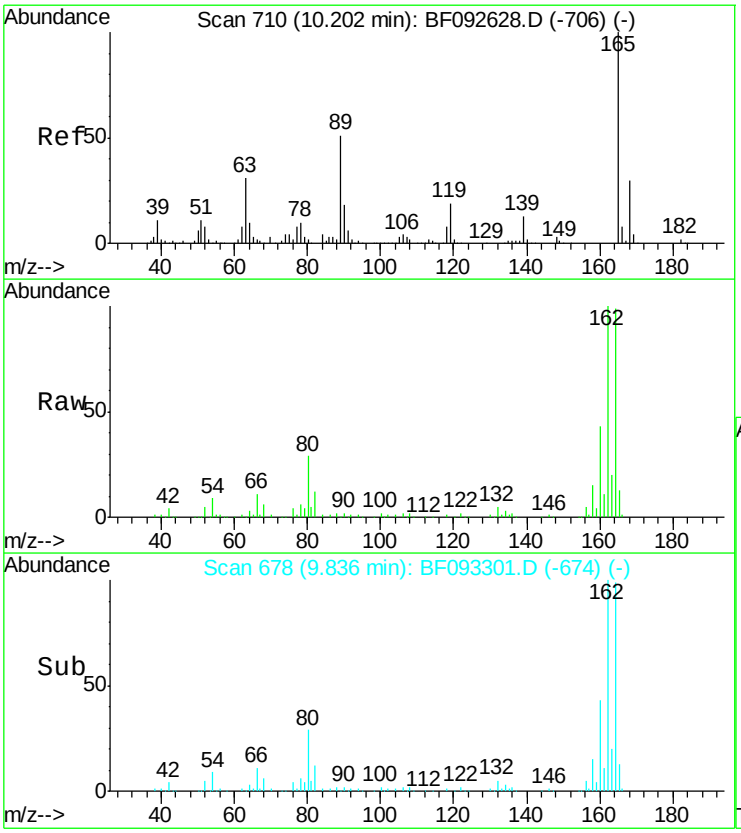
#50
2,6-Dinitrotoluene
Concen: 8.79 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.15 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:165 Resp: 31622

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.2	40.2	60.4#

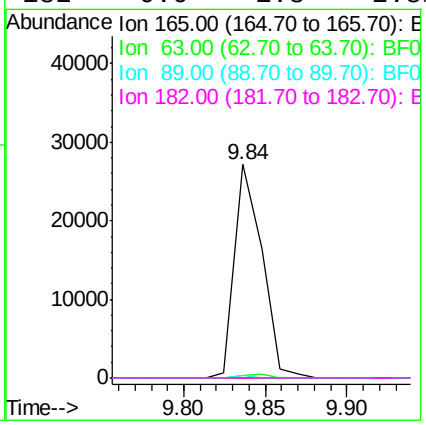


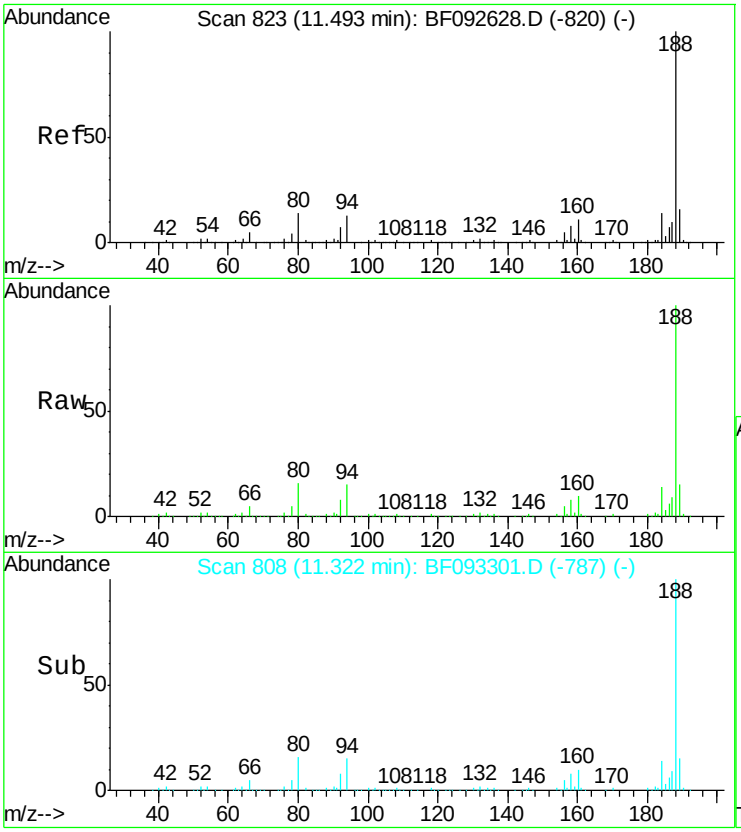


#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.25 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:165 Resp: 31623

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



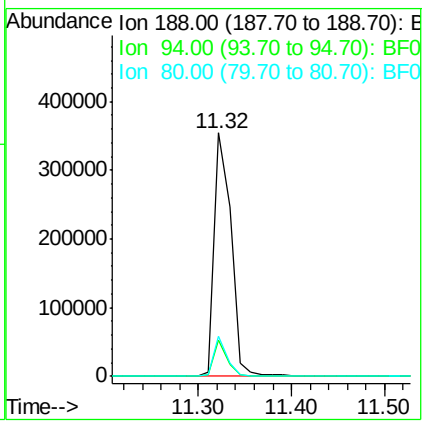


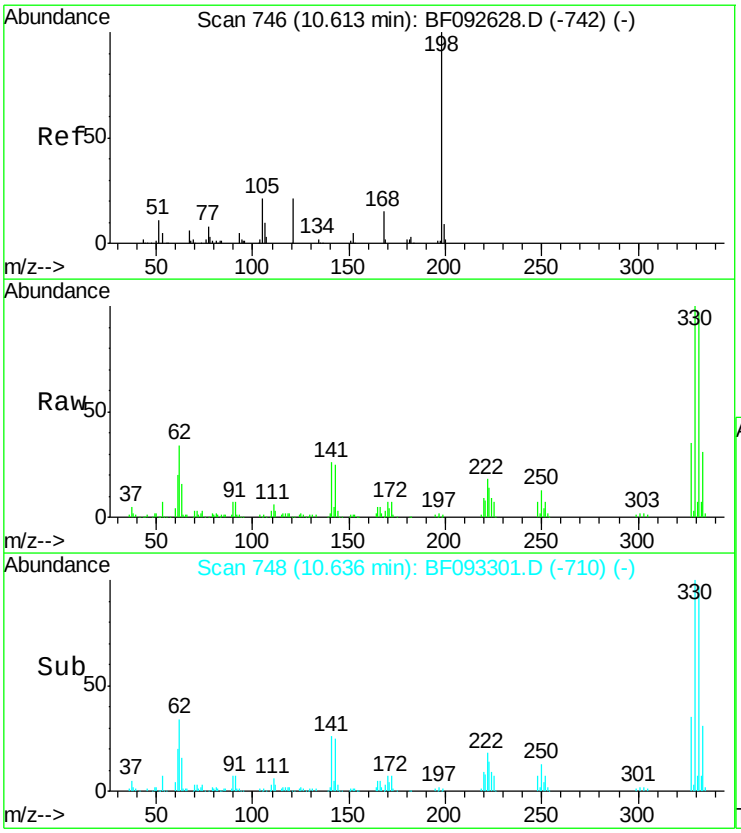
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:188 Resp: 439613

Ion	Ratio	Lower	Upper
188	100		
94	14.8	10.0	15.0
80	16.3	11.2	16.8

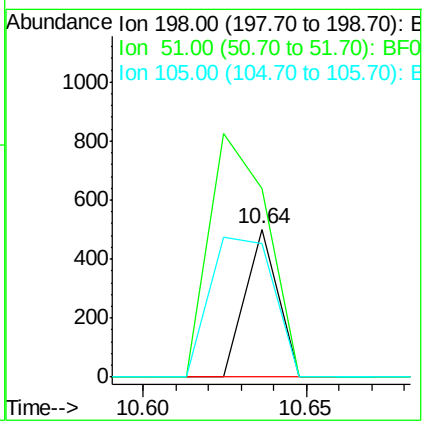


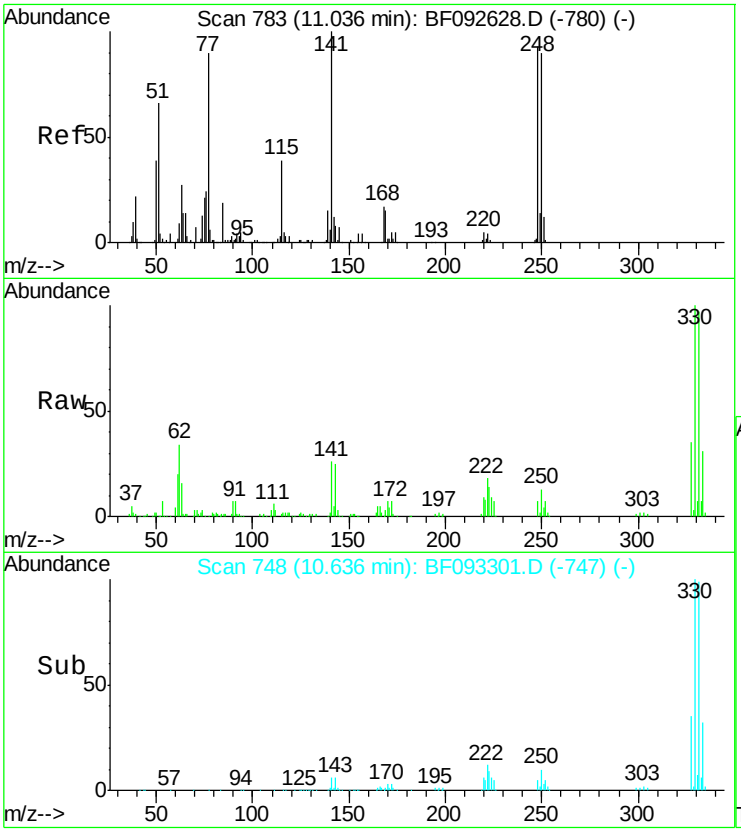


#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:198 Resp: 343

Ion	Ratio	Lower	Upper
198	100		
51	127.6	6.7	46.7#
105	90.6	16.6	56.6#



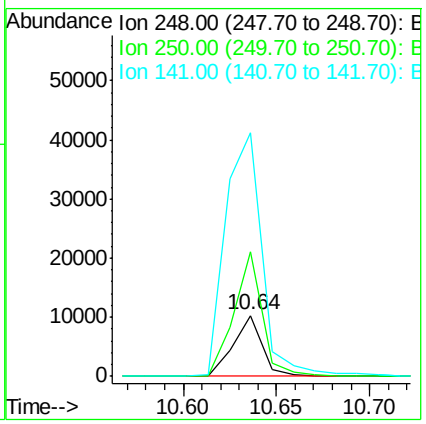


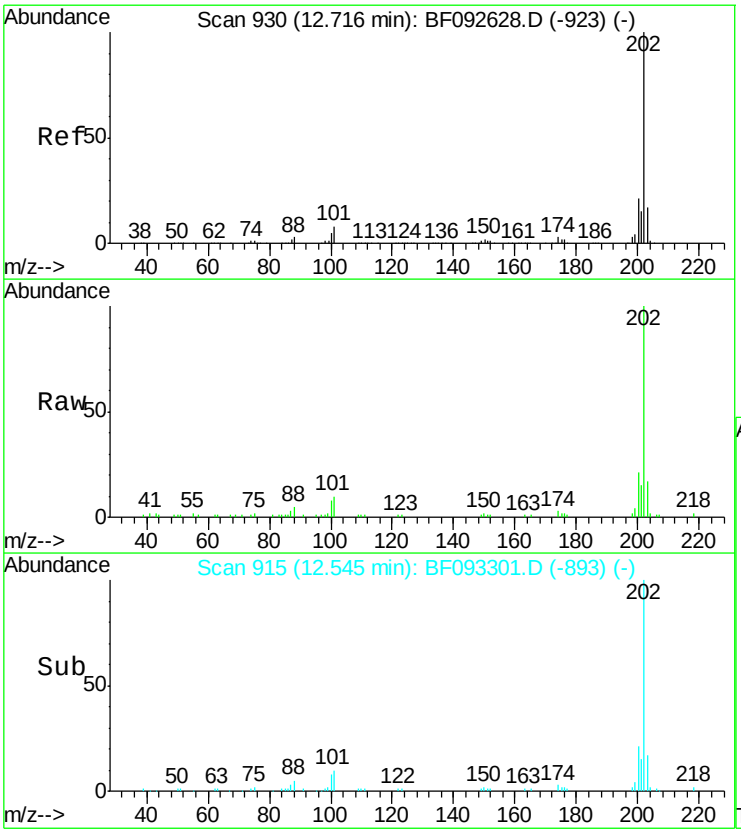
#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:248 Resp: 11121

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.9	115.3#
141	399.6	68.2	102.4#

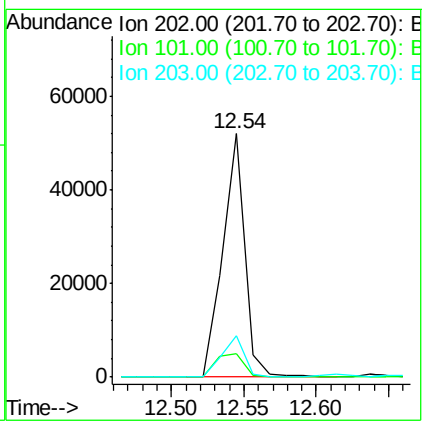


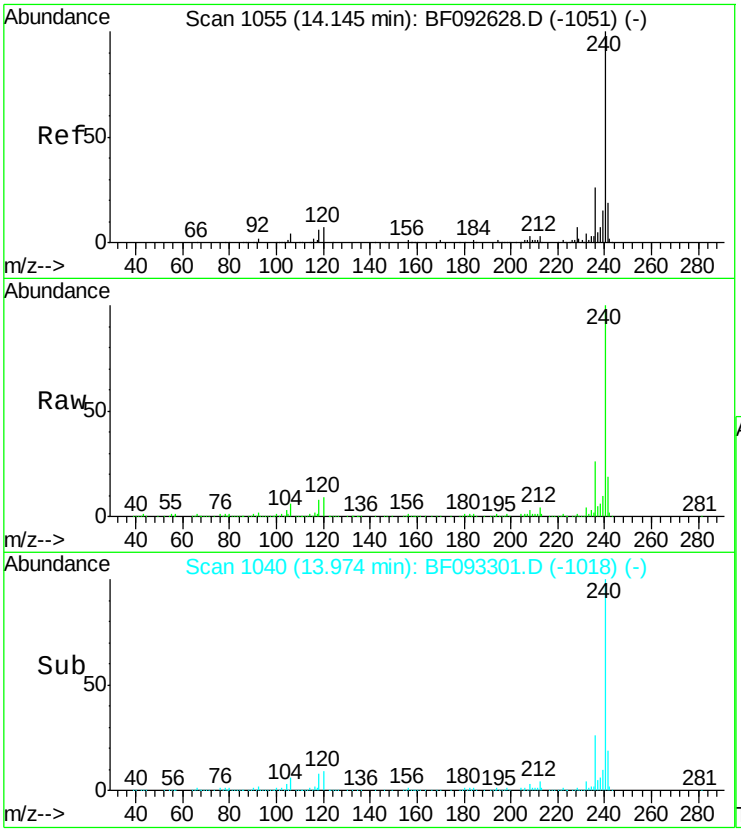


#74
Fluoranthene
Concen: 2.11 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:202 Resp: 54763

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.6
203	17.1	0.0	38.7



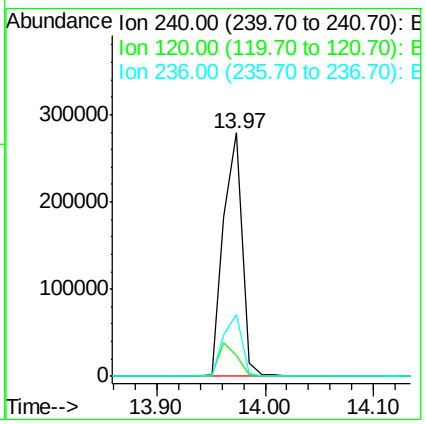


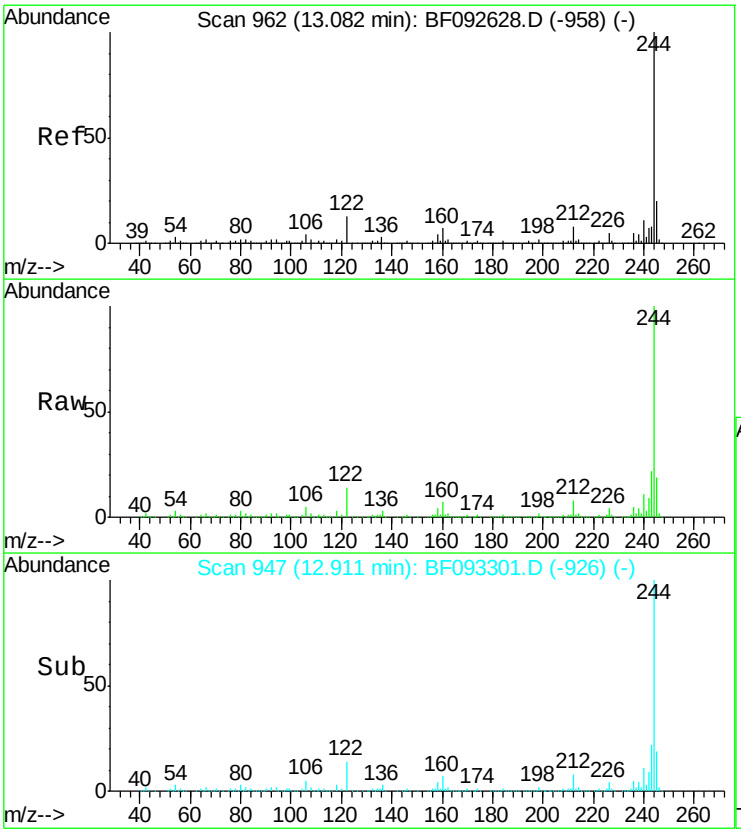
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:240 Resp: 332976

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.9	19.3#
236	25.6	20.9	31.3

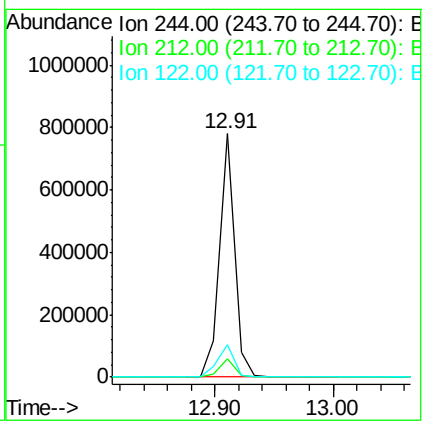


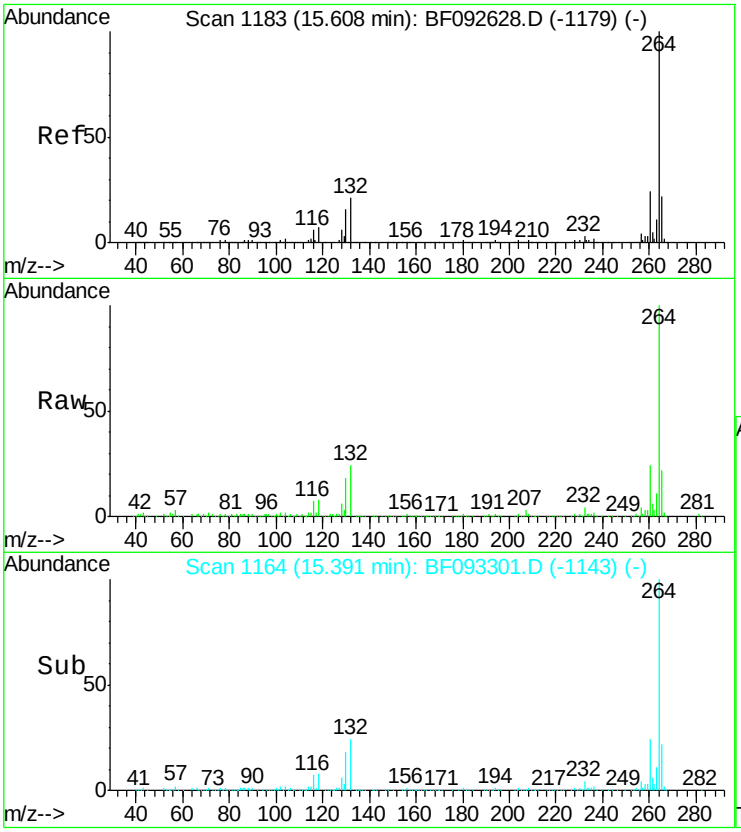


#78
Terphenyl-d14
Concen: 47.65 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

Tgt Ion:244 Resp: 675299

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093301.D
Acq: 1 Mar 2017 20:43

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

Tgt Ion:264 Resp: 272333

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.4	26.0