Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092650.D
Acq On : 30 Jan 2017 22:54
Operator : SJ/MA
Sample : I1569-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-GW-101

Quant Time: Jan 31 01:06:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152916	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	600903	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	351647	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	603567	20.00	ng	0.00
75) Chrysene-d12	14.13	240	528479	20.00	ng	-0.01
86) Perylene-d12	15.61	264	377461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	528119	59.25	ng	-0.01
7) Phenol-d6	6.59	99	414004	36.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	991579	91.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	332446	130.71	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1813391	93.43	ng	0.00
78) Terphenyl-d14	13.08	244	1600830	71.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	134157	18.38	ng	# 82
25) Isophorone	7.53	82	964635	47.97	ng	# 65
32) Benzoic acid	7.95	122	2161	7.52	ng	# 65
49) Dimethylphthalate	9.72	163	74541	3.15	ng	100
50) 2,6-Dinitrotoluene	10.01	165	44545	8.71	ng	# 31
56) 2,4-Dinitrotoluene	10.01	165	44537	6.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	563	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23220	3.68	ng	# 1

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

Quantitation Report (Not Reviewed)

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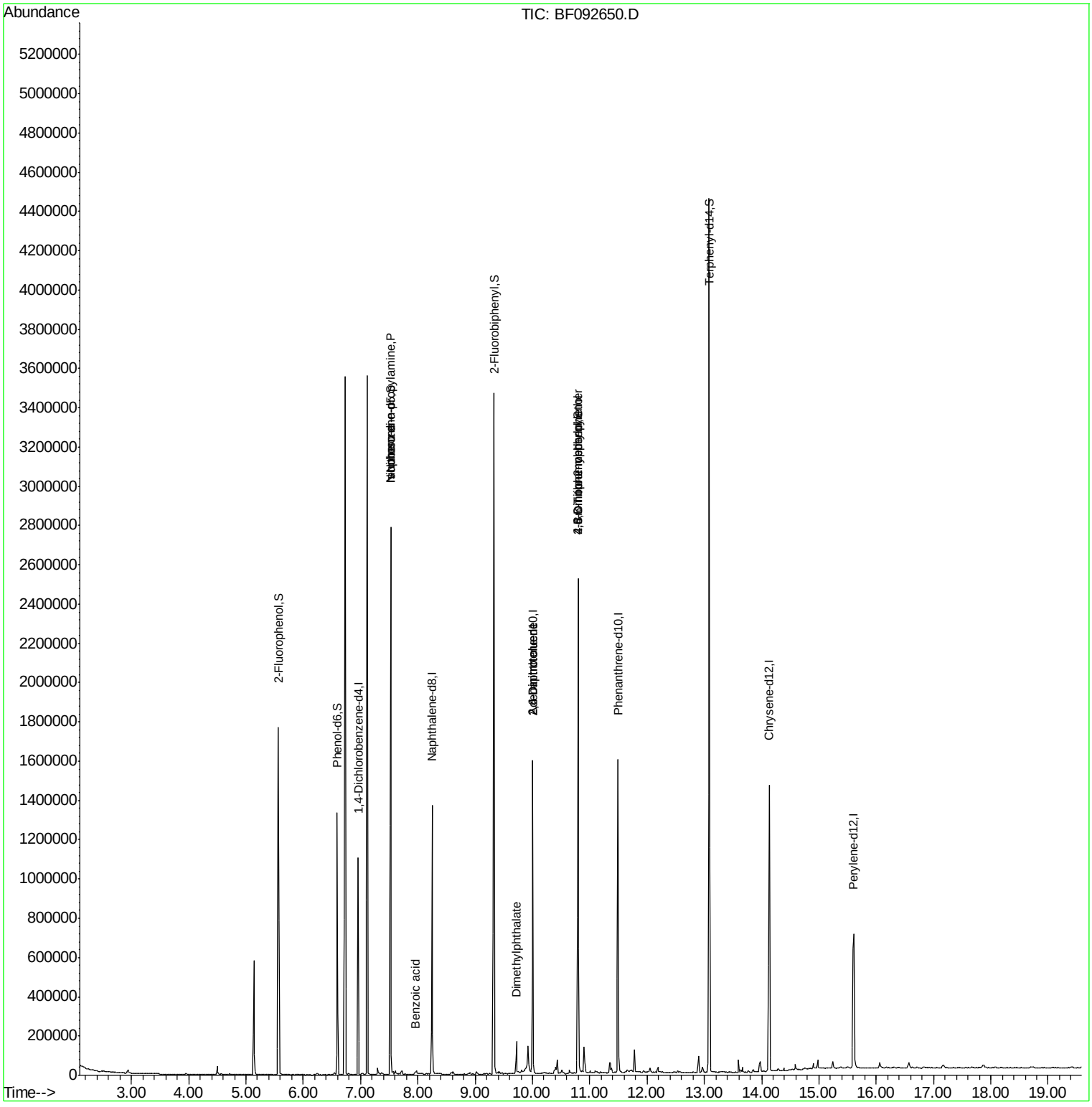
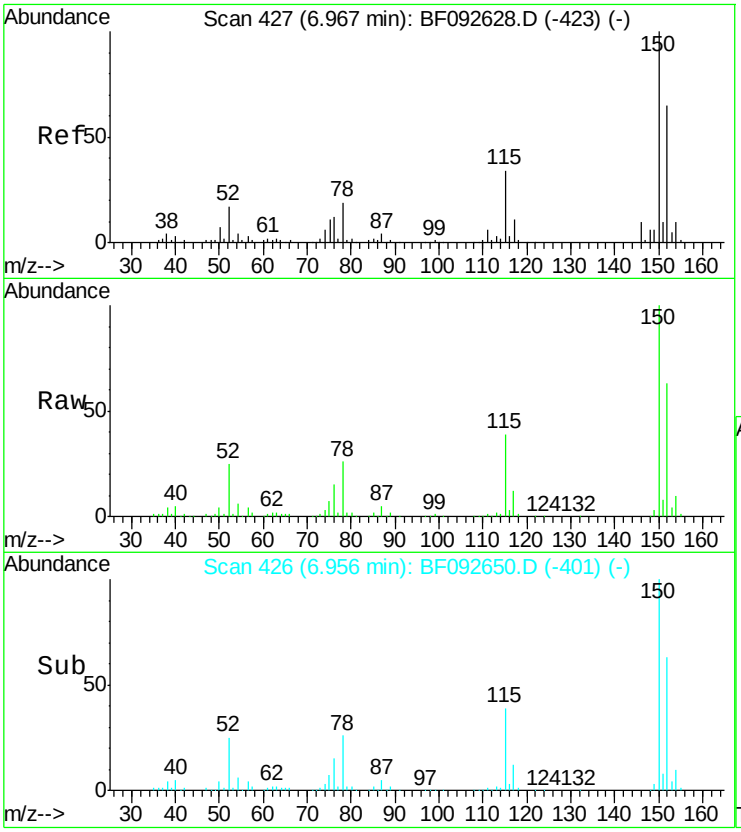


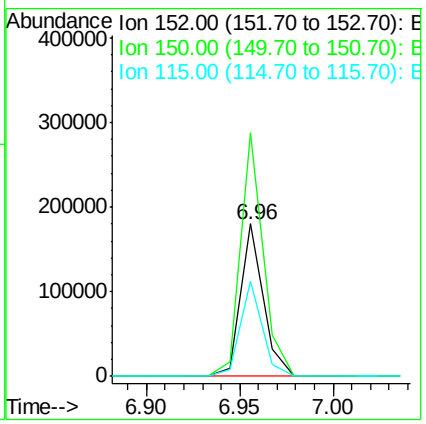


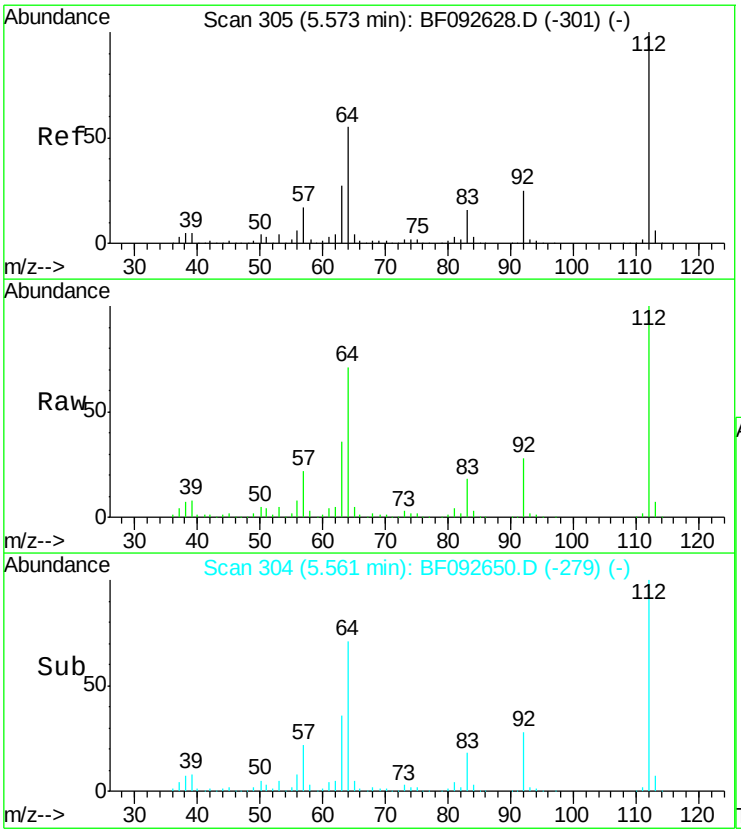
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:152 Resp: 152916

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	62.4	46.0	69.0

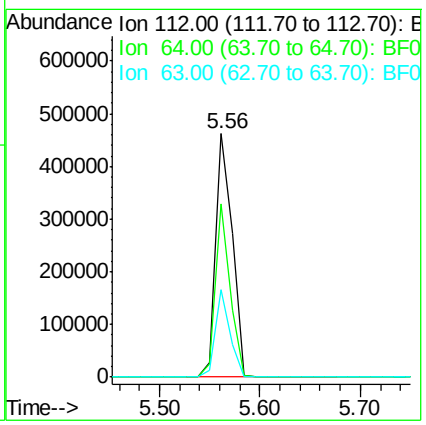


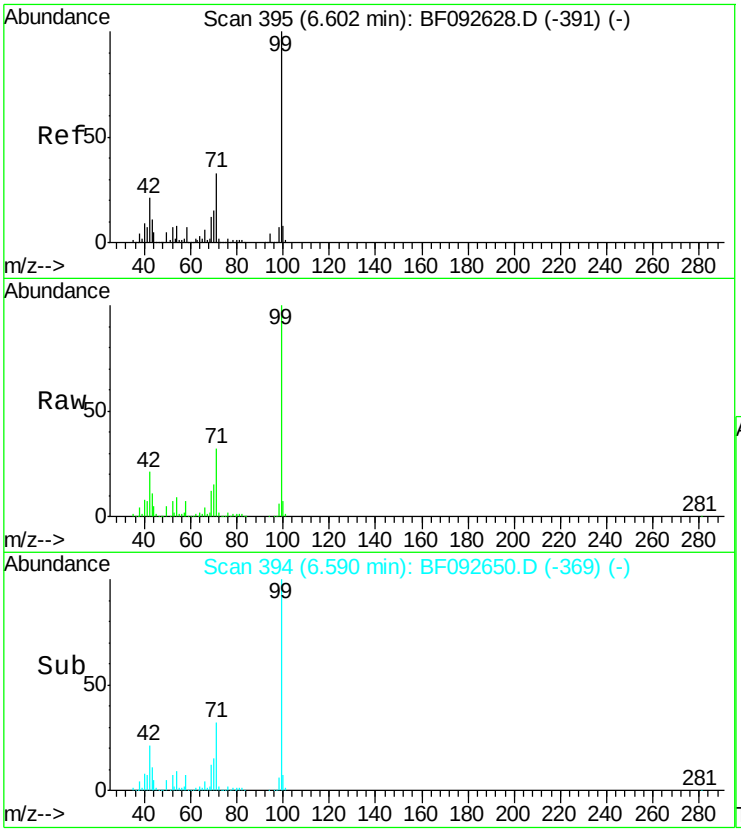


#5
2-Fluorophenol
Concen: 59.25 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:112 Resp: 528119

Ion	Ratio	Lower	Upper
112	100		
64	71.0	46.1	69.1#
63	35.8	23.8	35.6#



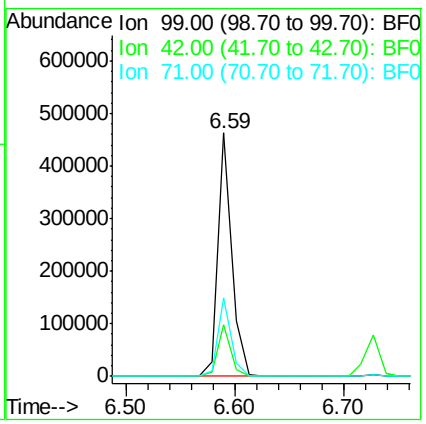


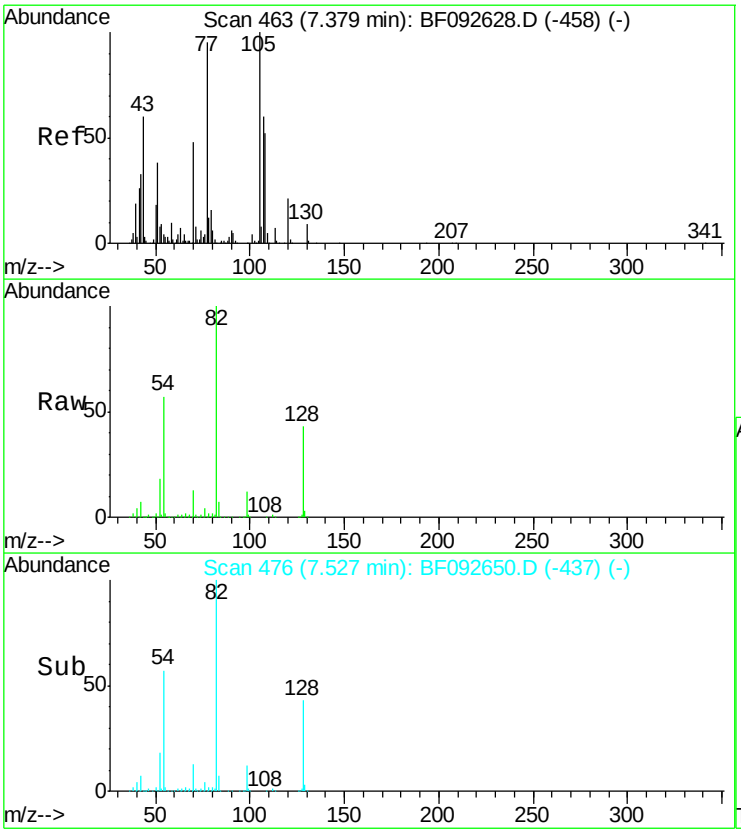
#7
Phenol-d6
Concen: 36.10 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion: 99 Resp: 414004

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	32.4	27.5	41.3

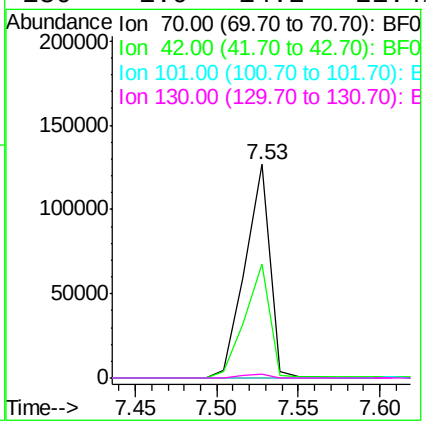


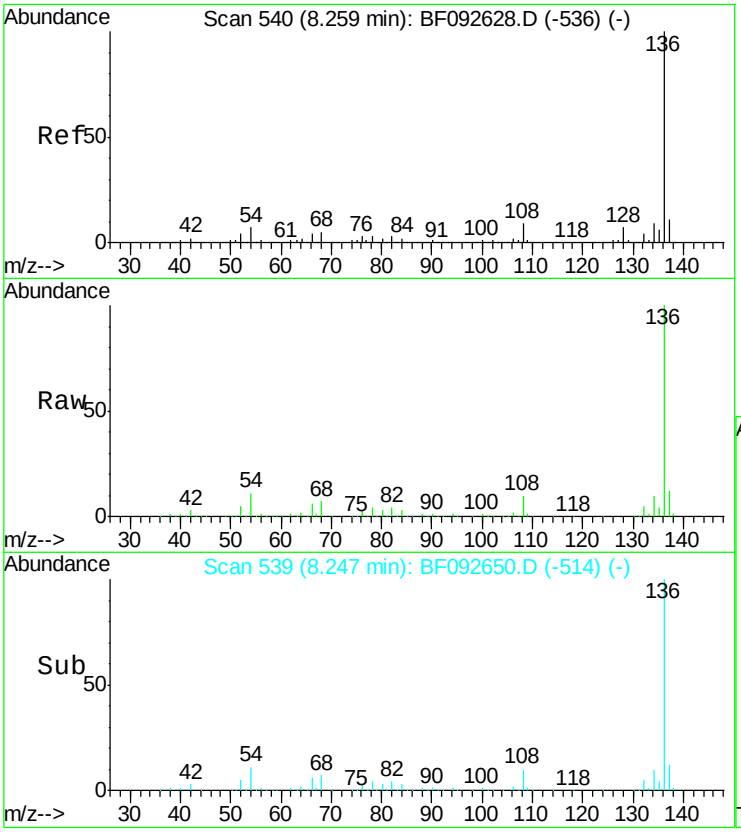


#19
n-Nitroso-di-n-propylamine
Concen: 18.38 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion: 70 Resp: 134157

Ion	Ratio	Lower	Upper
70	100		
42	53.3	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



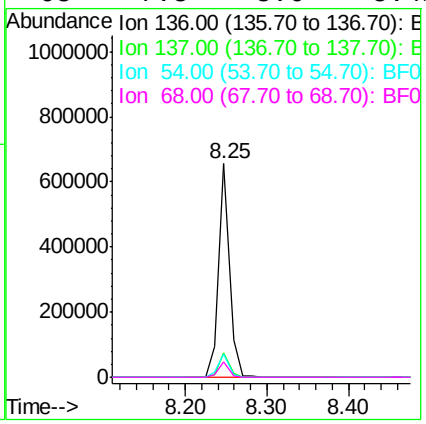


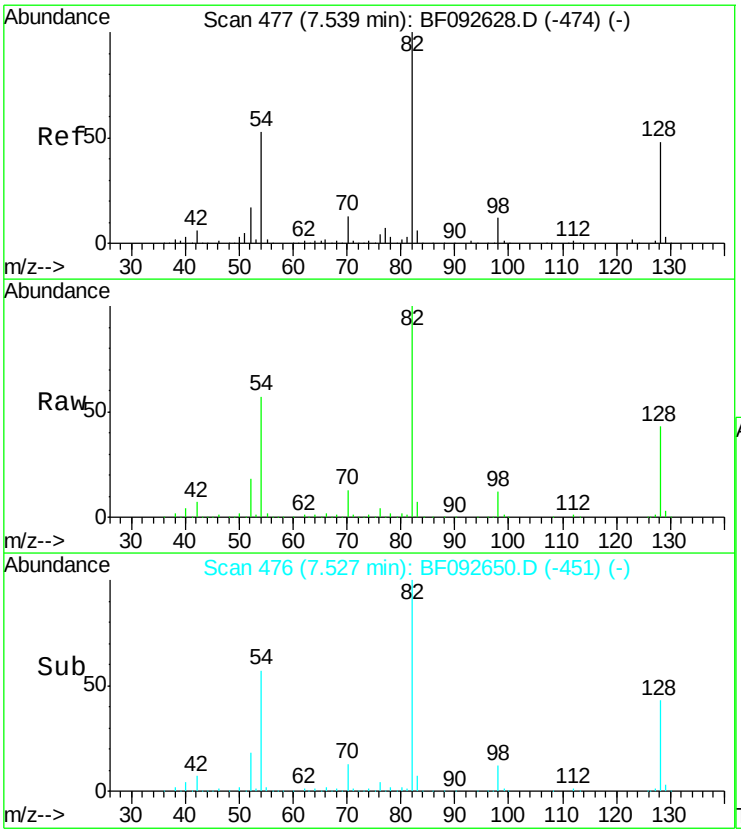
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:136 Resp: 600903

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.6	4.5	6.7#
68	7.3	3.6	5.4#

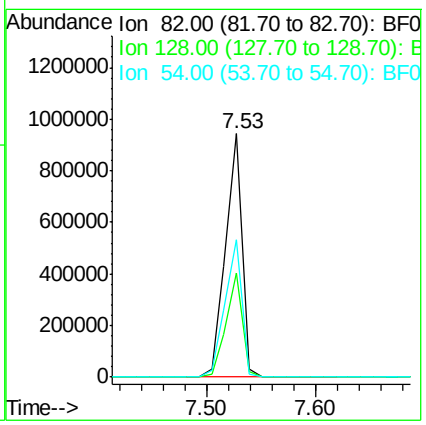


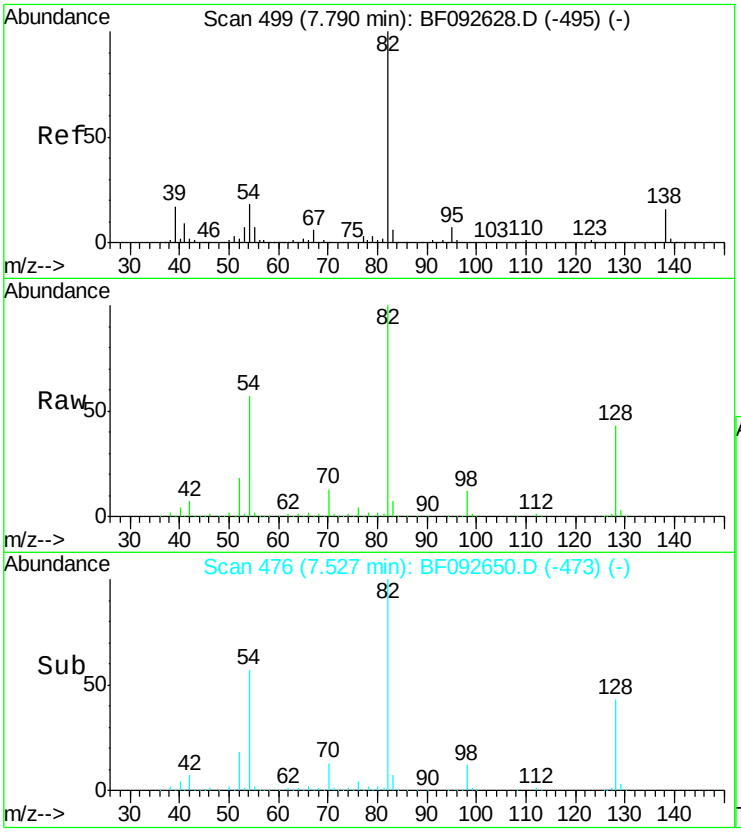


#23
Nitrobenzene-d5
Concen: 91.89 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion: 82 Resp: 991579

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.7	39.5	59.3



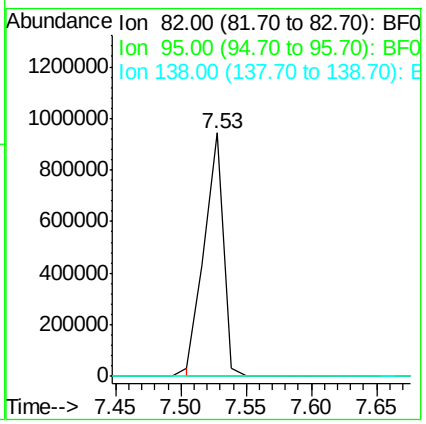


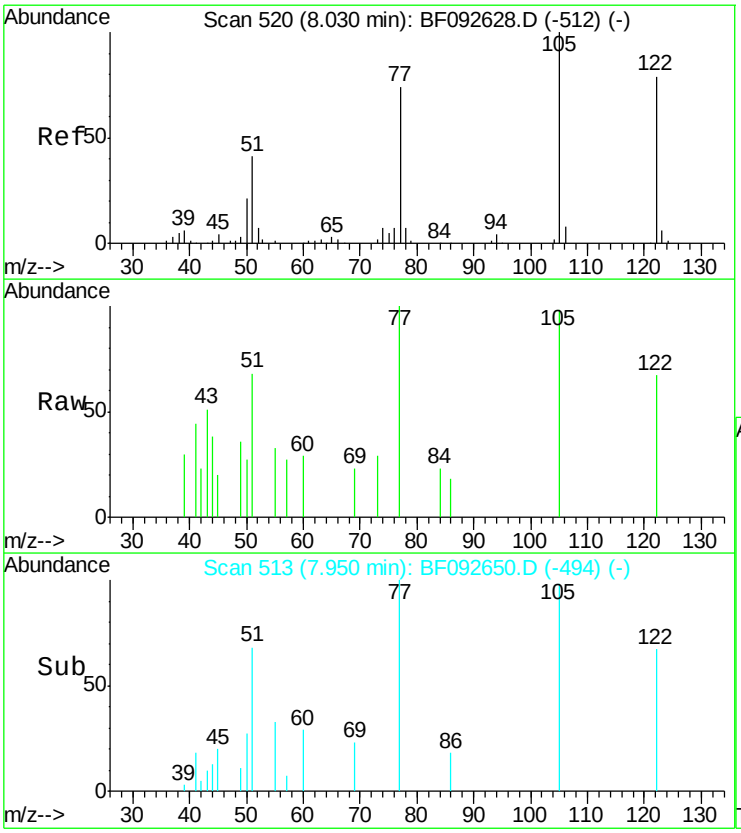
#25
Isophorone
Concen: 47.97 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion: 82 Resp: 964635

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

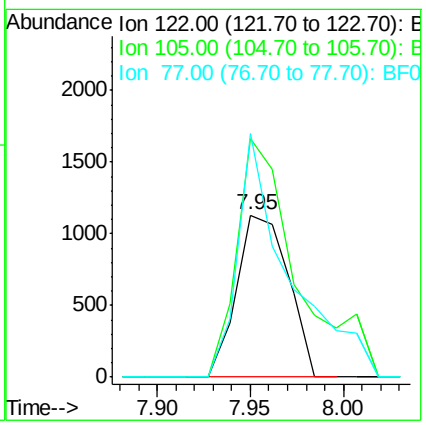


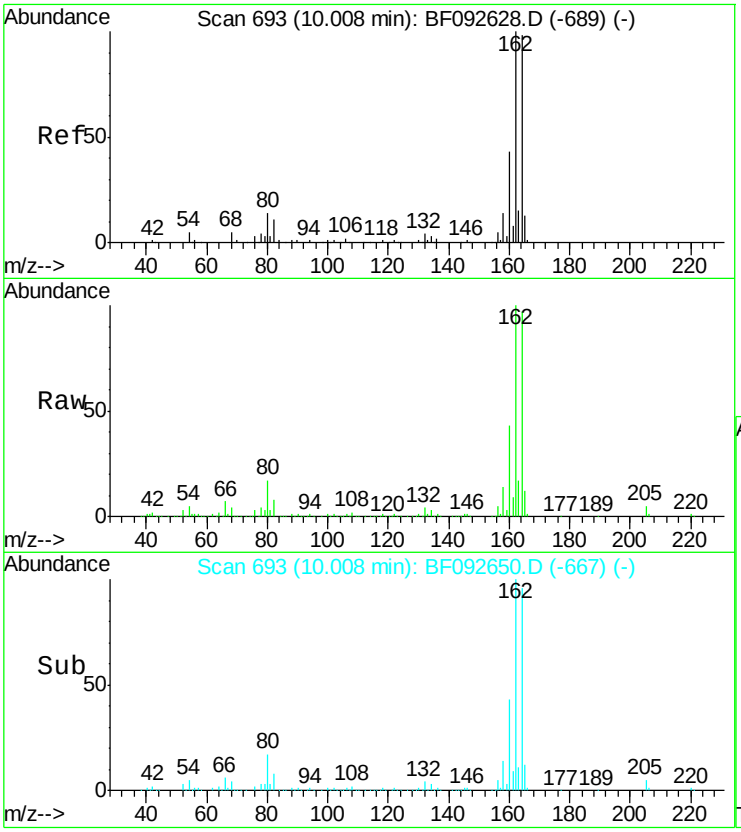


#32
Benzoic acid
Concen: 7.52 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:122 Resp: 2161

Ion	Ratio	Lower	Upper
122	100		
105	147.5	107.2	147.2#
77	150.2	74.5	114.5#



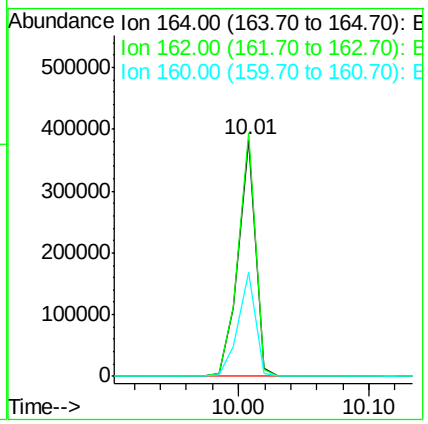


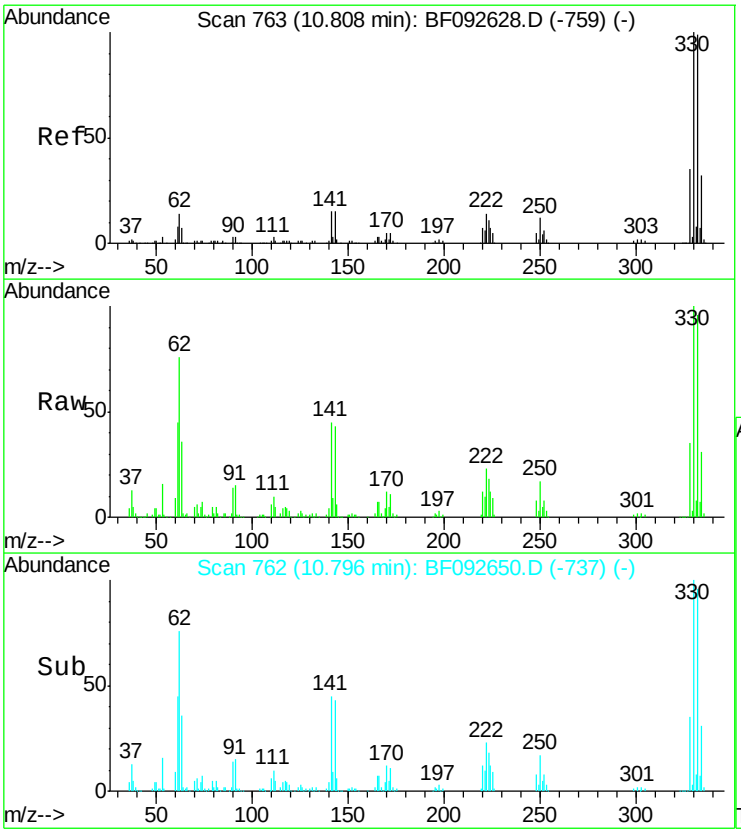
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:164 Resp: 351647

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	43.9	36.9	55.3

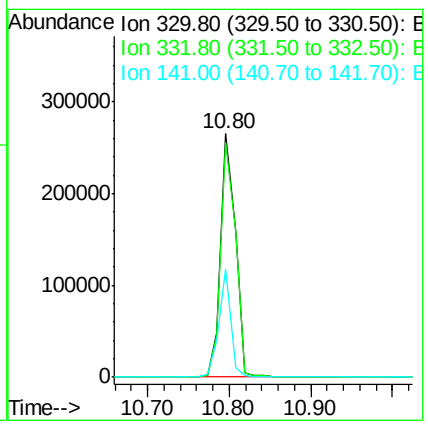


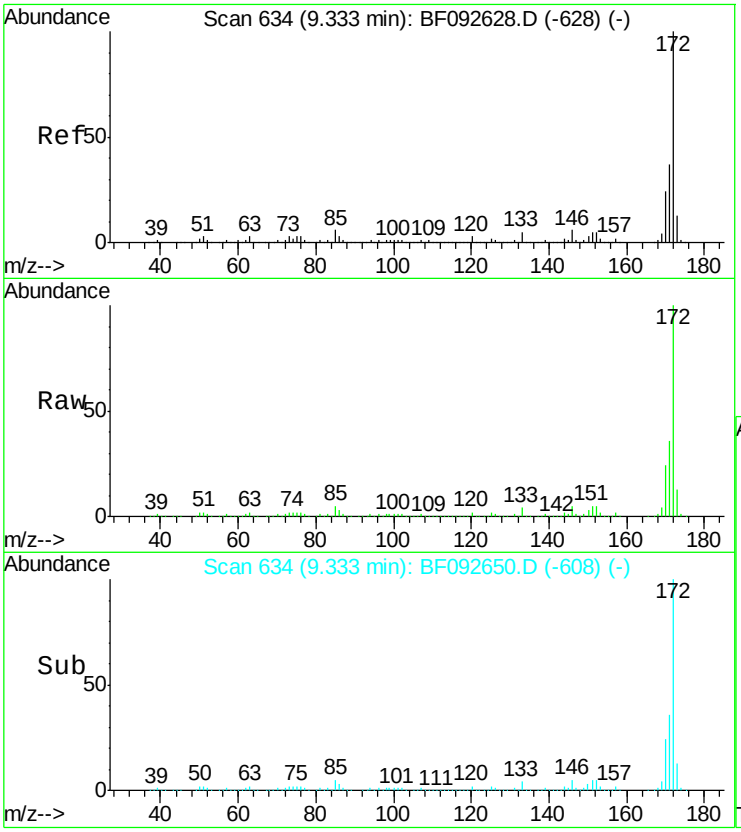


#41
2,4,6-Tribromophenol
Concen: 130.71 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:330 Resp: 332446

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	36.0	34.1	51.1



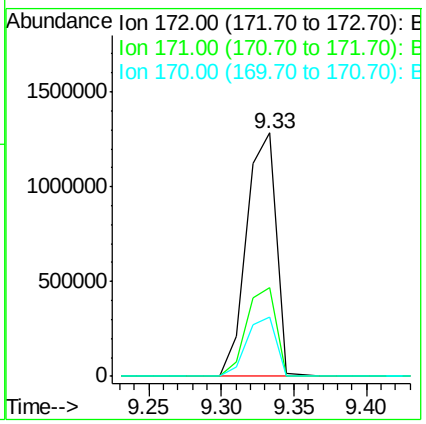


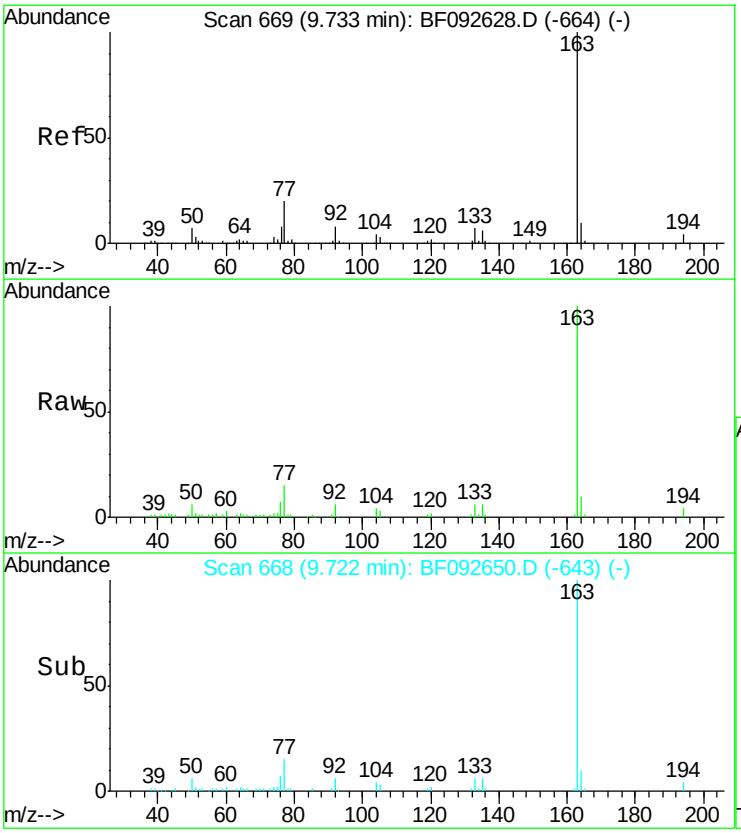
#44
2-Fluorobiphenyl
Concen: 93.43 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:172 Resp: 1813391

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4

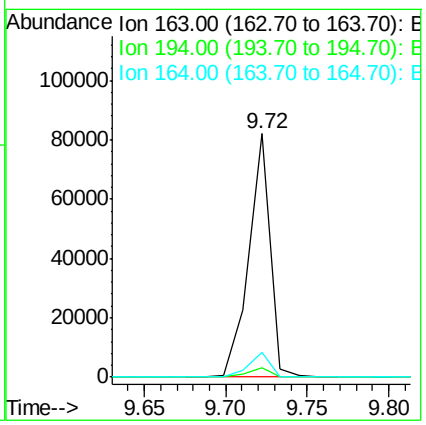


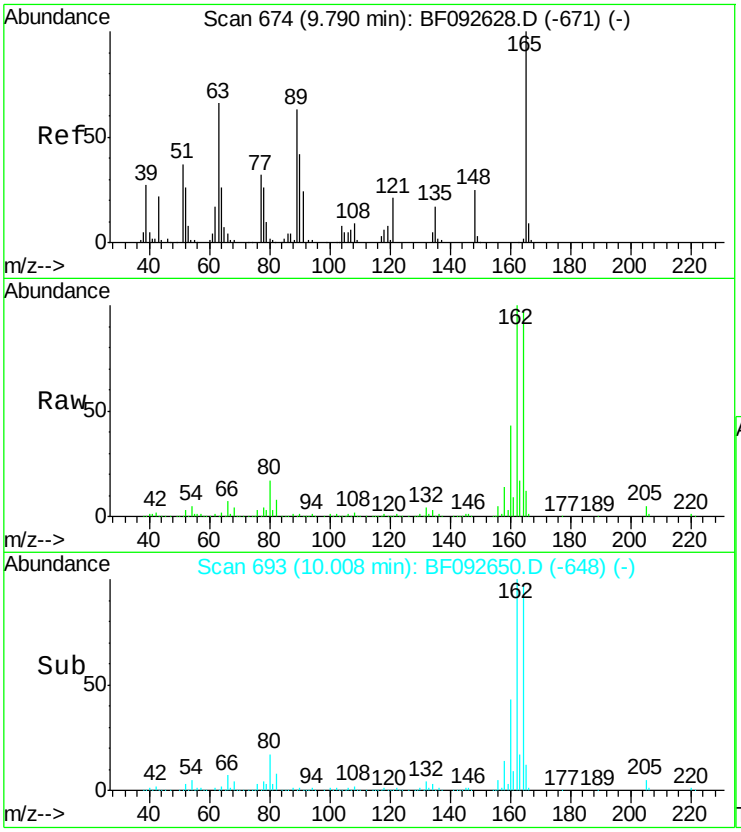


#49
Dimethylphthalate
Concen: 3.15 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:163 Resp: 74541

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.1	8.0	12.0



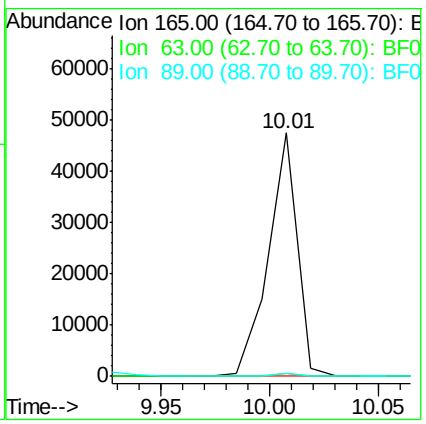


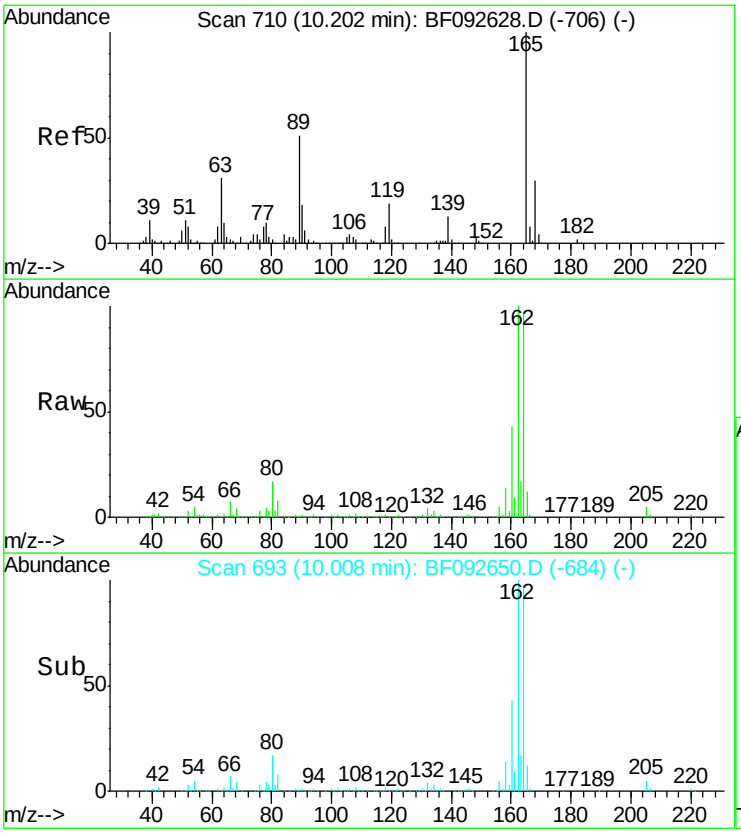
#50
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.22 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:165 Resp: 44545

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

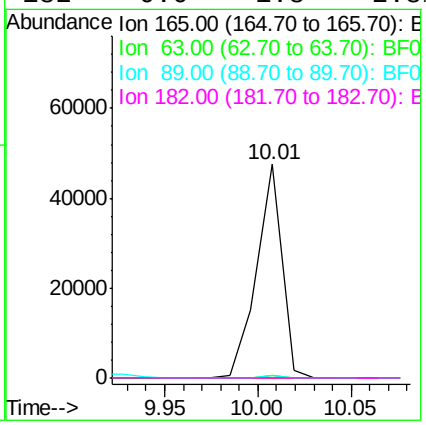


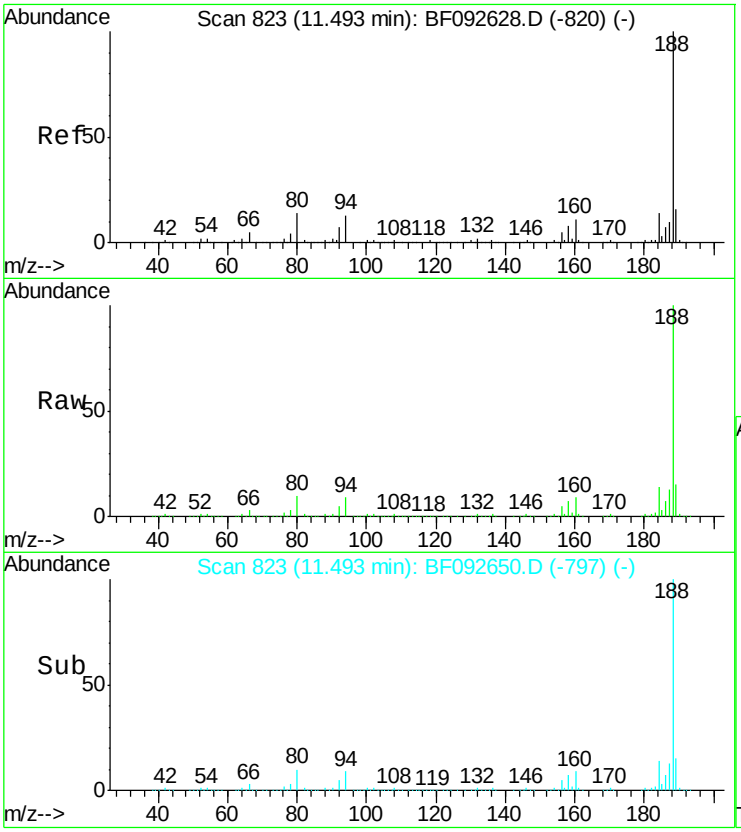


#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:165 Resp: 44537

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



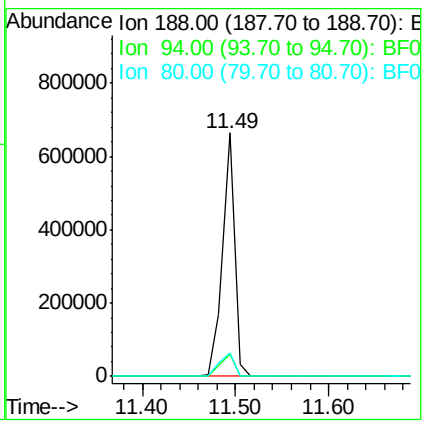


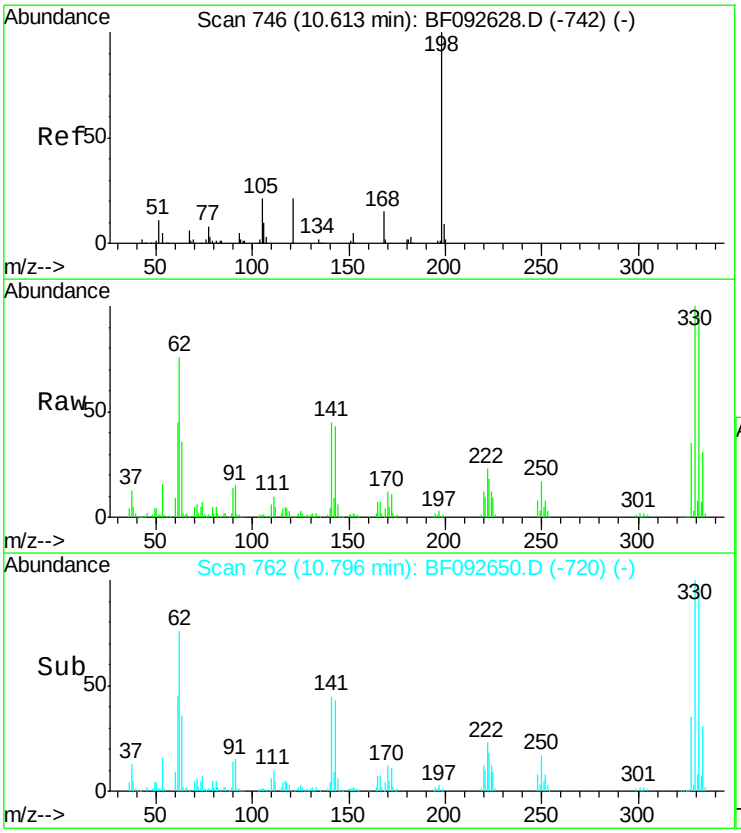
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:188 Resp: 603567

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.0	15.0#
80	9.8	11.2	16.8#

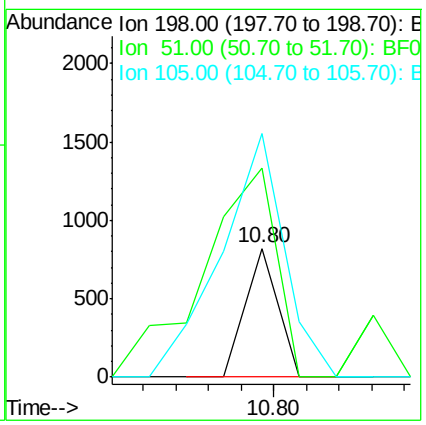


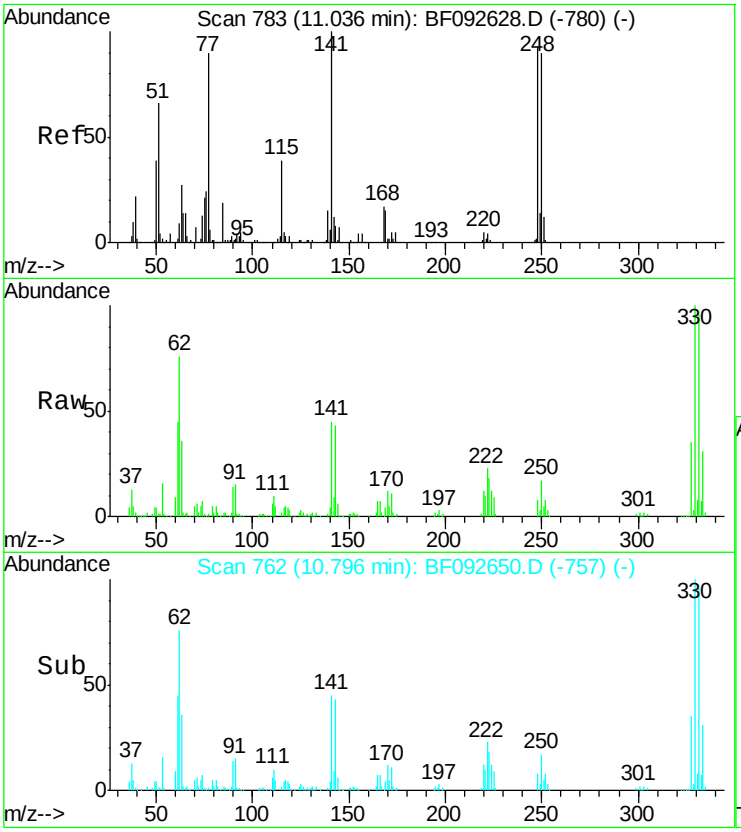


#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:198 Resp: 563

Ion	Ratio	Lower	Upper
198	100		
51	162.7	6.7	46.7#
105	189.2	16.6	56.6#



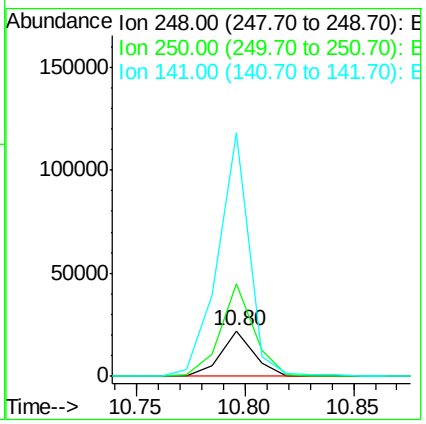


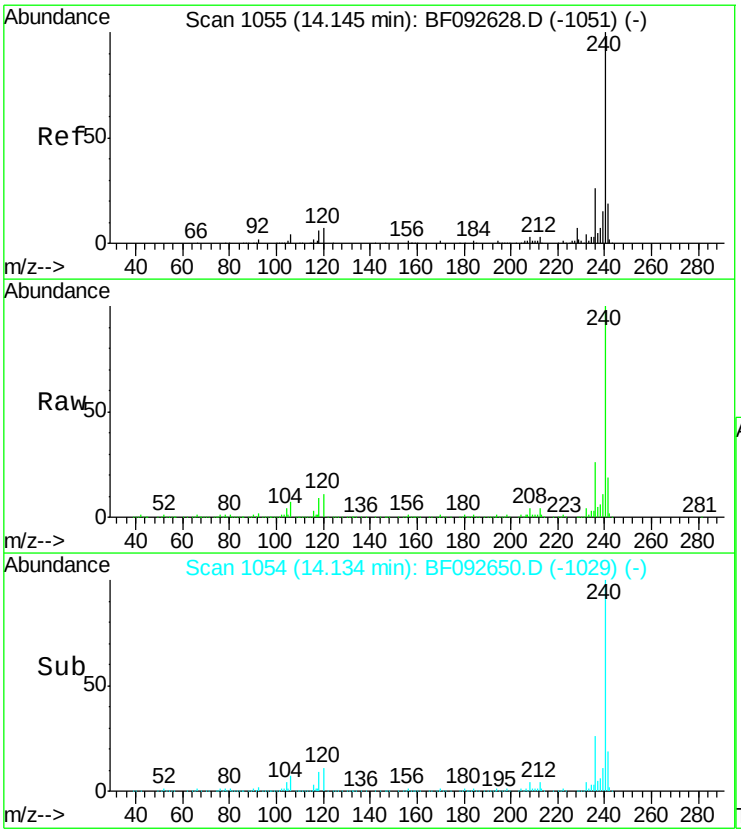
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:248 Resp: 23220

Ion	Ratio	Lower	Upper
248	100		
250	204.5	76.9	115.3#
141	538.3	68.2	102.4#

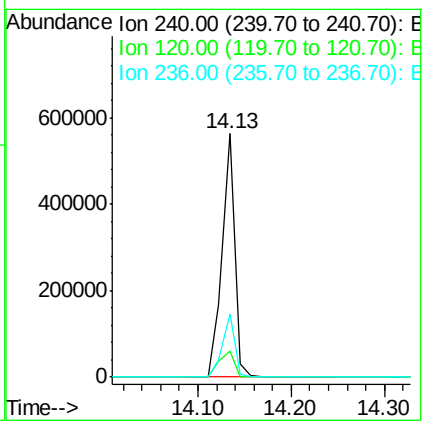


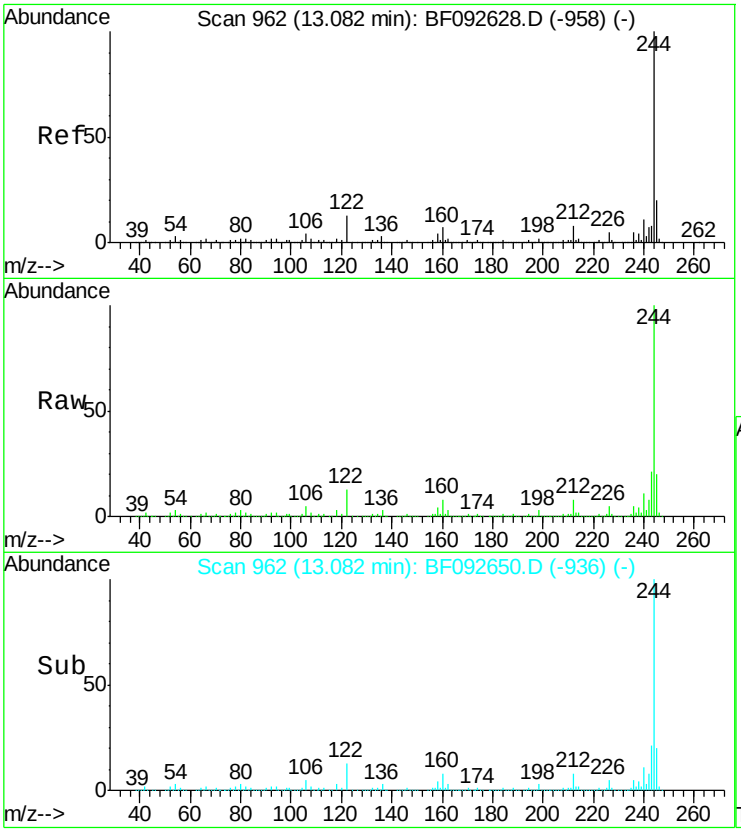


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:240 Resp: 528479

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	25.9	20.9	31.3



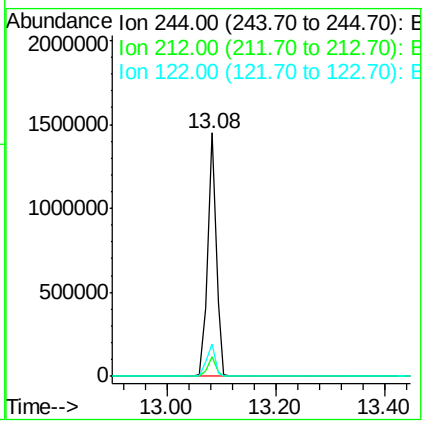


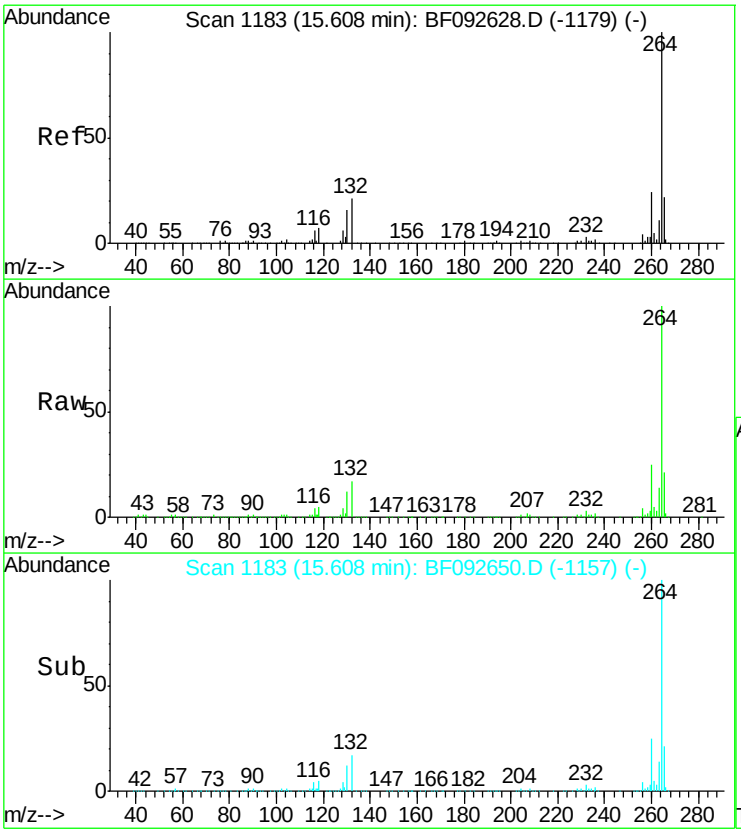
#78
Terphenyl-d14
Concen: 71.17 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tgt Ion:244 Resp: 1600830

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:264 Resp: 377461

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.1	17.4	26.0