Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF020117\
Data File : BF092703.D
Acq On : 1 Feb 2017 14:47
Operator : SJ/MA
Sample : PB96611BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96611BL

Quant Time: Feb 01 15:31:17 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	6.94	152	170192	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	638358	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	361821	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	570019	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	485683	20.00	ng	-0.02
86) Perylene-d12	15.59	264	376250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1260864	127.10	ng	-0.01
7) Phenol-d6	6.59	99	1583465	124.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	978545	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	320614	122.52	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1697903	85.02	ng	-0.01
78) Terphenyl-d14	13.07	244	1453287	70.31	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	129822	15.98	ng	# 78
25) Isophorone	7.52	82	922506	43.19	ng	# 65
50) 2,6-Dinitrotoluene	10.00	165	47537	9.03	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	47539	6.78	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	883	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23586	3.96	ng	# 1

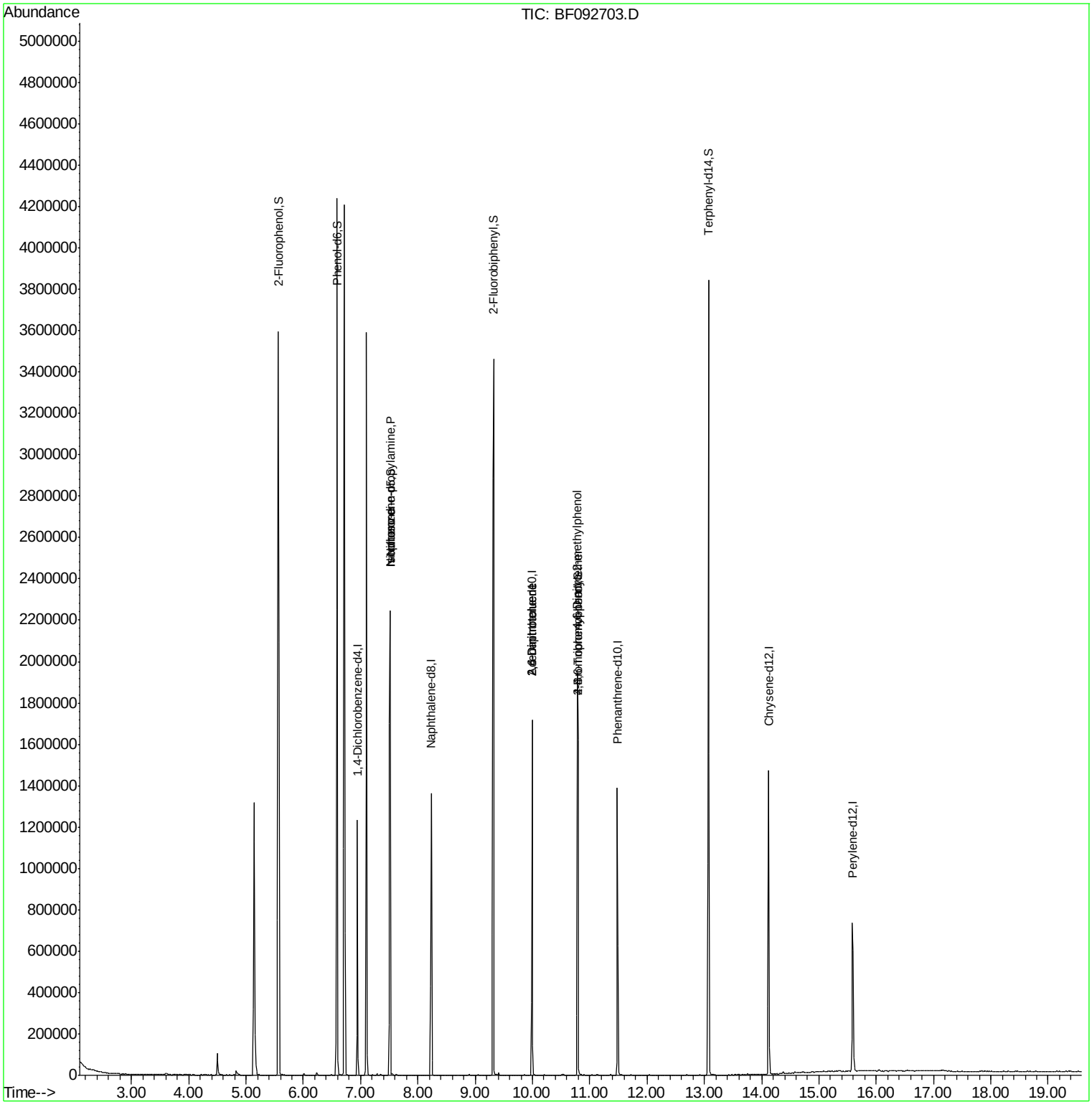
(#) = qualifier out of range (m) = manual integration (+) = signals summed

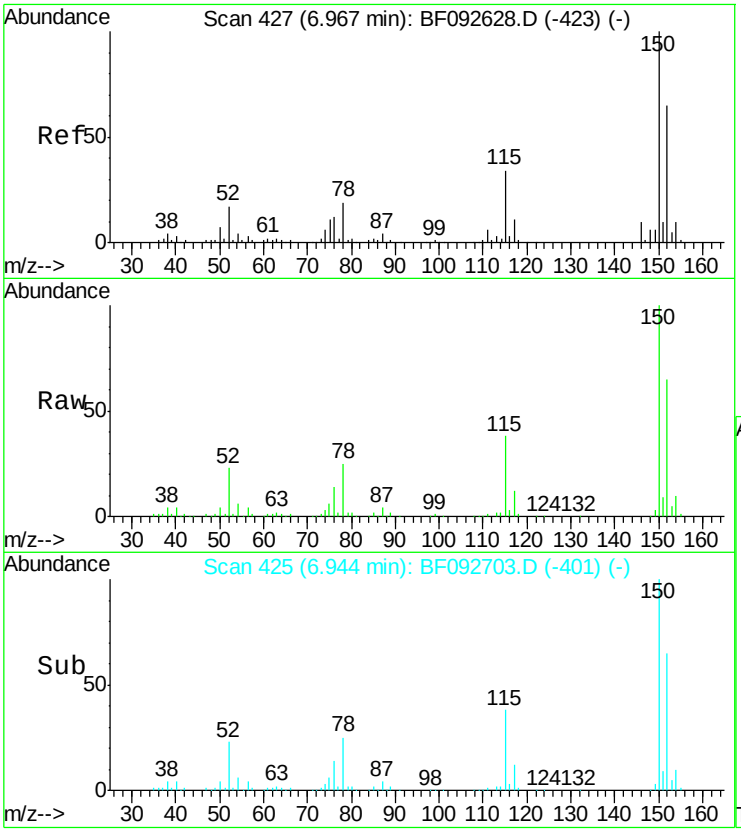
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF020117\
Data File : BF092703.D
Acq On : 1 Feb 2017 14:47
Operator : SJ/MA
Sample : PB96611BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Quant Time: Feb 01 15:31:17 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



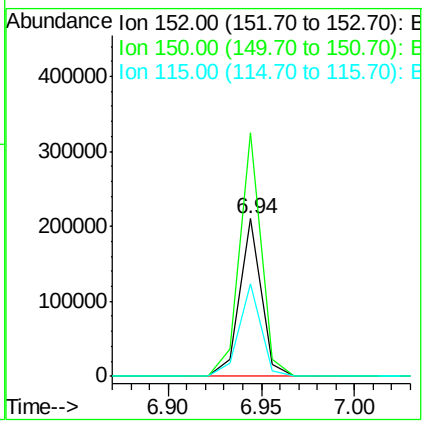


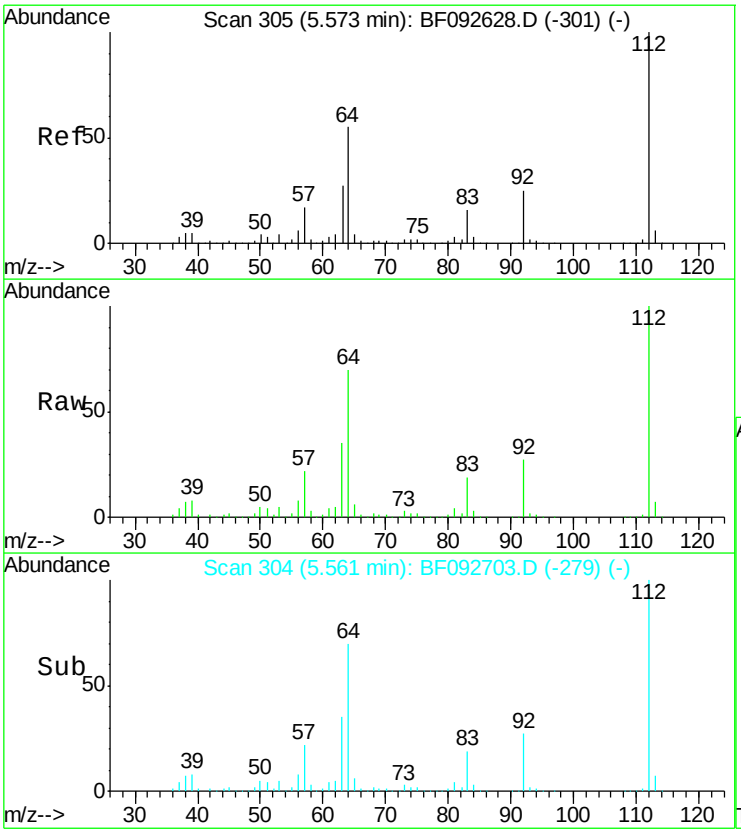
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:152 Resp: 170192

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	59.1	46.0	69.0

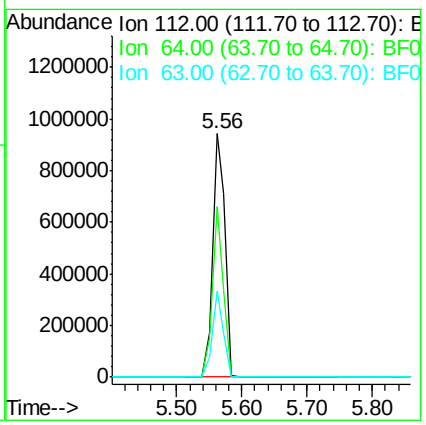


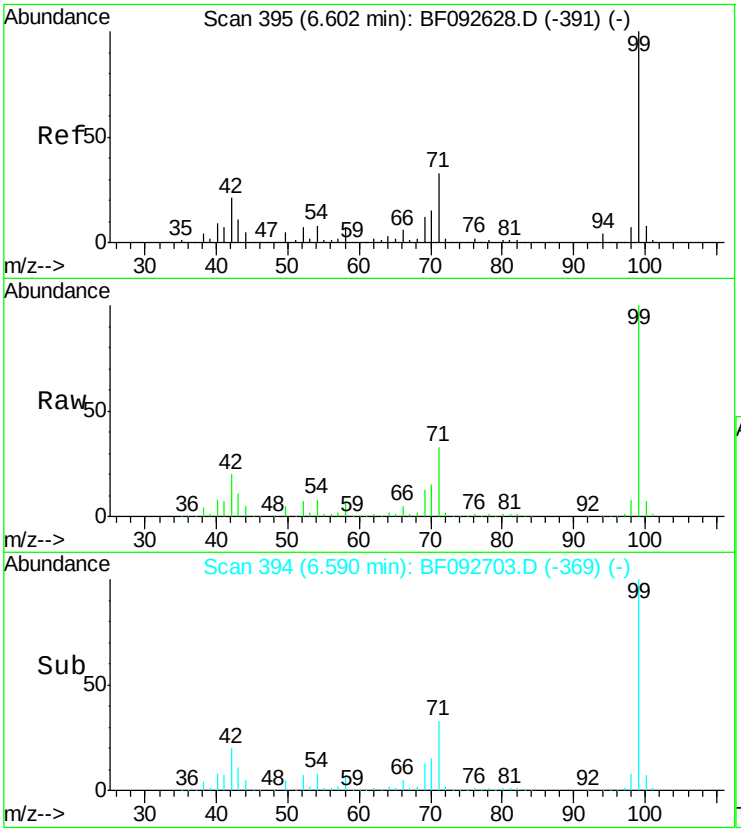


#5
2-Fluorophenol
Concen: 127.10 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:112 Resp: 1260864

Ion	Ratio	Lower	Upper
112	100		
64	70.2	46.1	69.1#
63	35.2	23.8	35.6



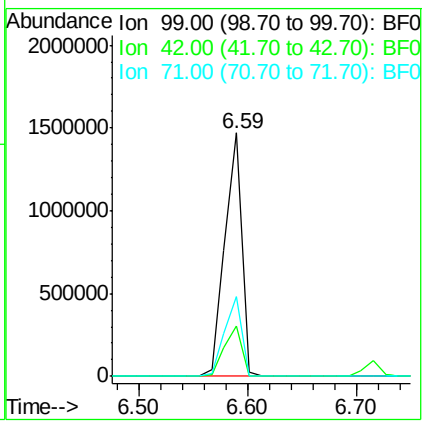


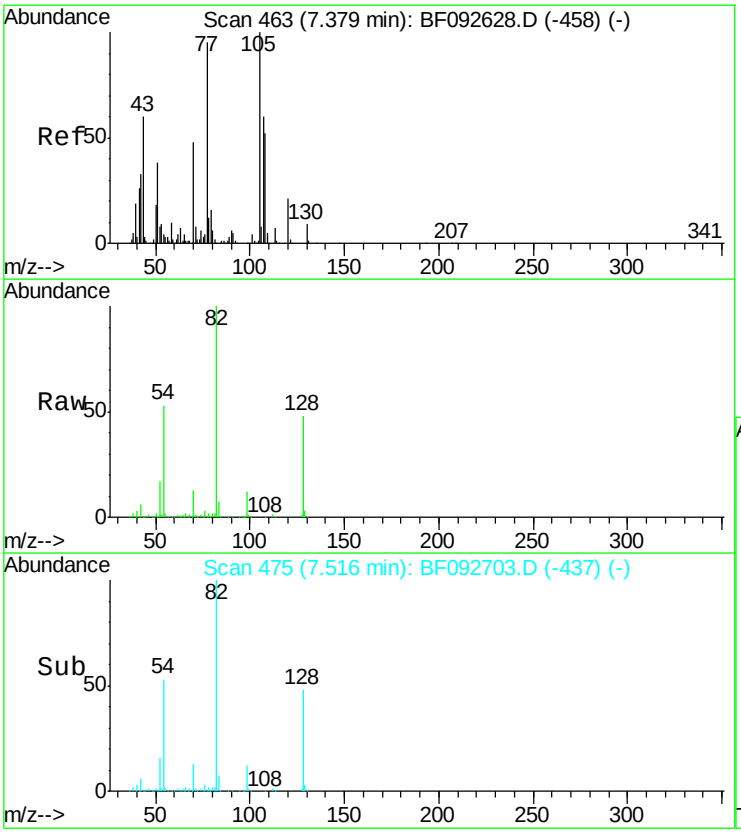
#7
Phenol-d6
Concen: 124.06 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion: 99 Resp: 1583465

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	33.0	27.5	41.3

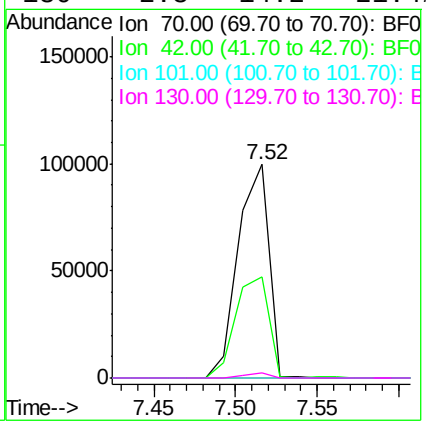


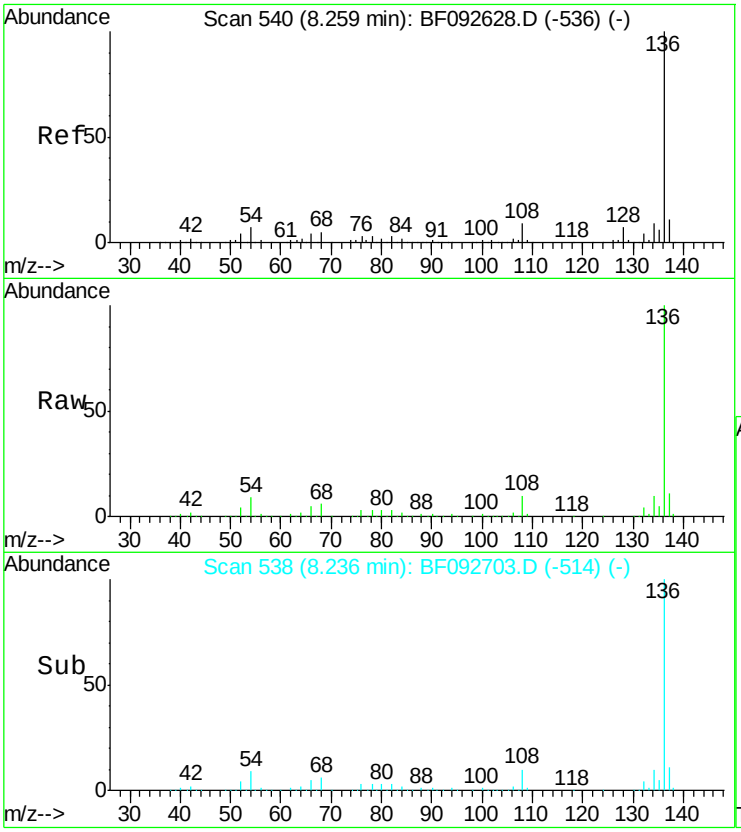


#19
n-Nitroso-di-n-propylamine
Concen: 15.98 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion: 70 Resp: 129822

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



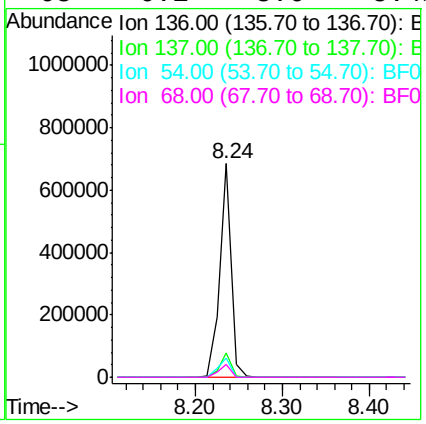


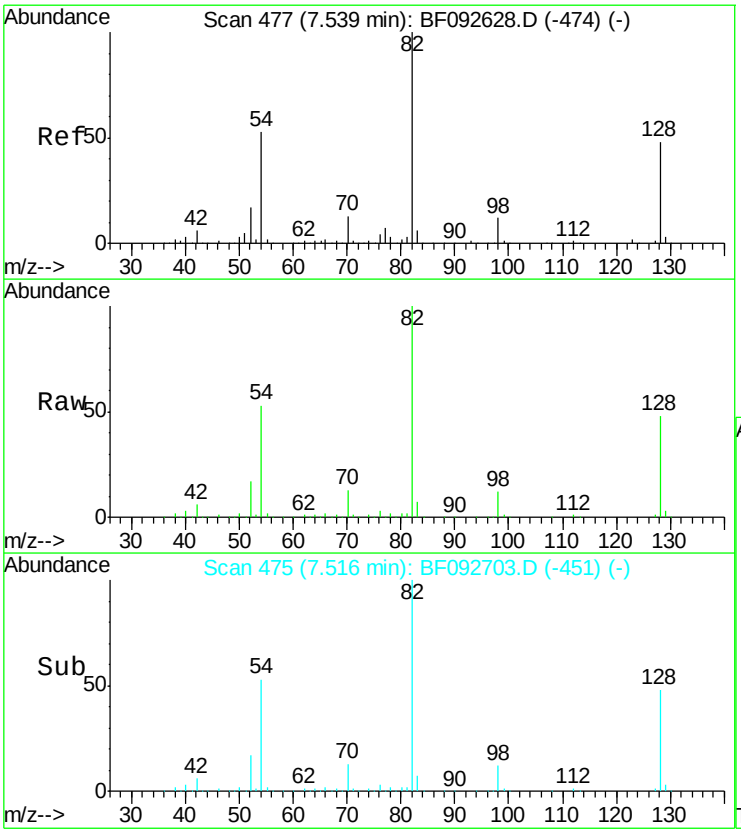
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:136 Resp: 638358

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.0	4.5	6.7#
68	6.1	3.6	5.4#

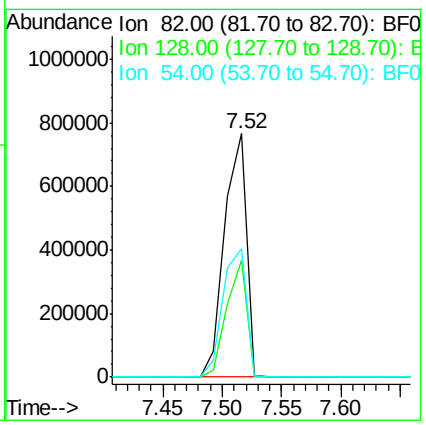


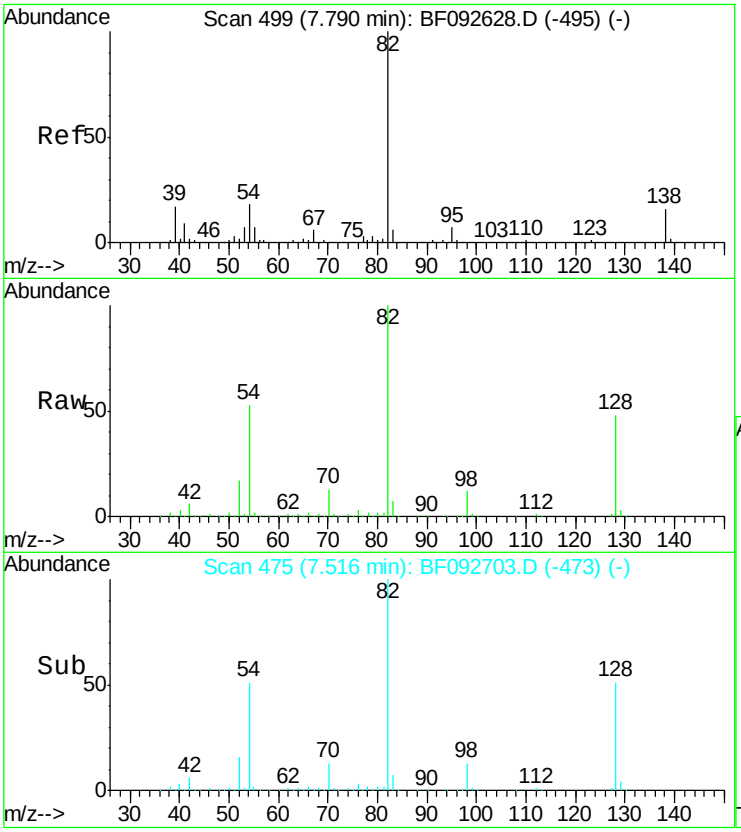


#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion: 82 Resp: 978545

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.6	52.0
54	52.7	39.5	59.3



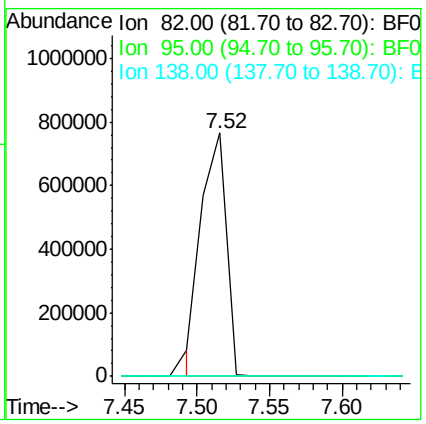


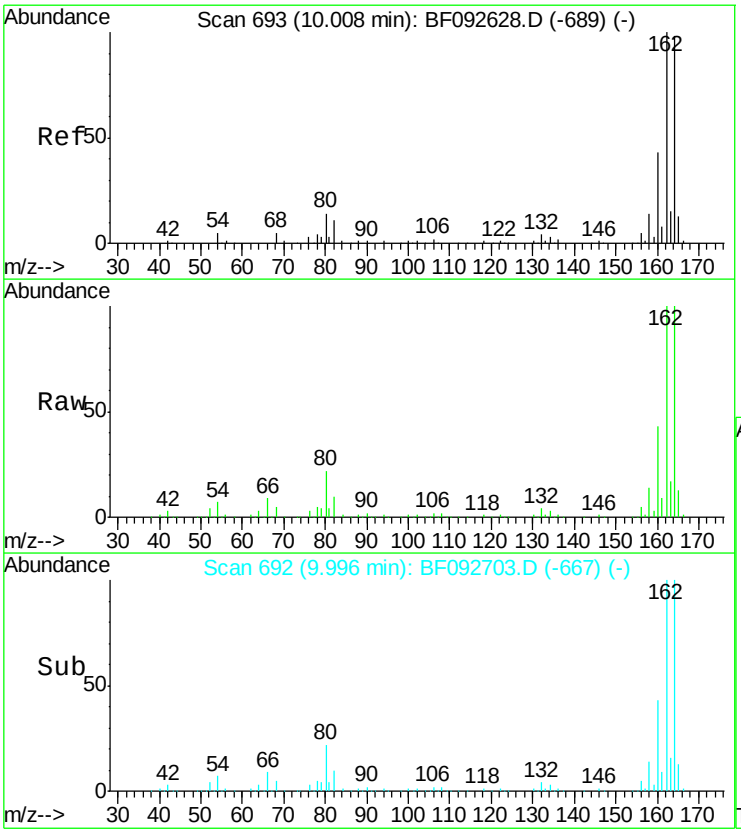
#25
Isophorone
Concen: 43.19 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion: 82 Resp: 922506

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

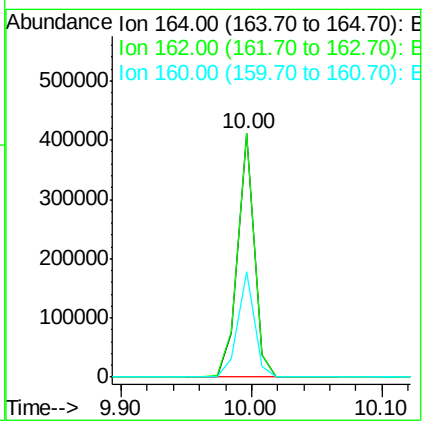


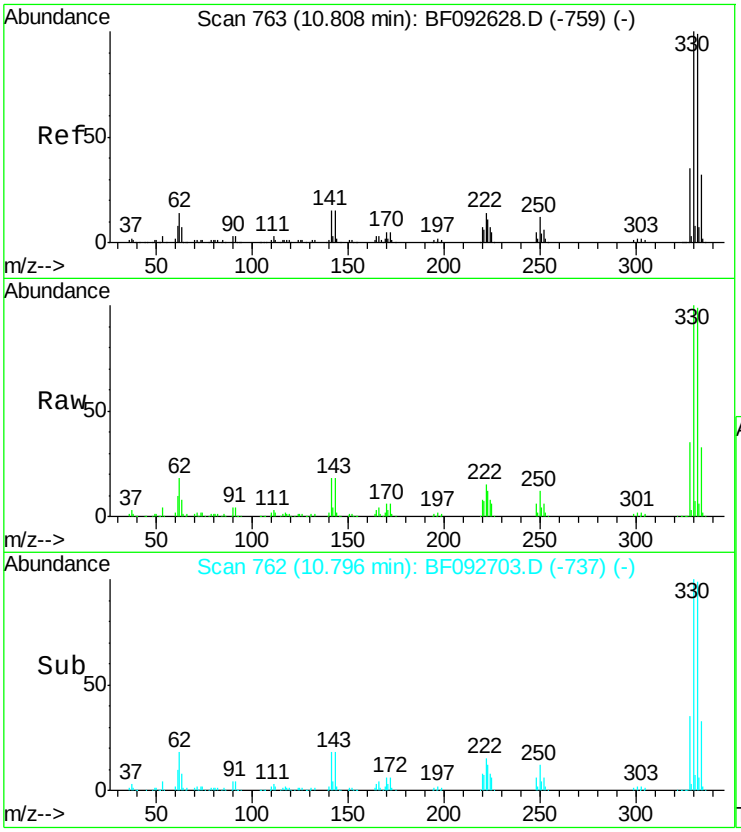


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:164 Resp: 361821

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	43.5	36.9	55.3



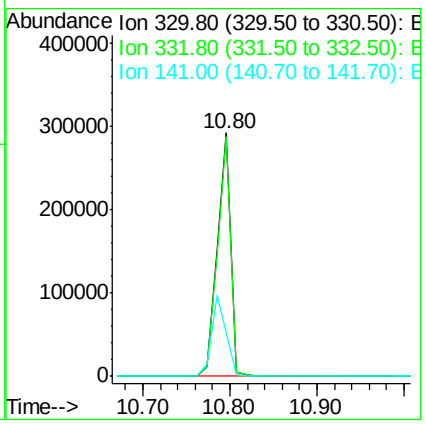


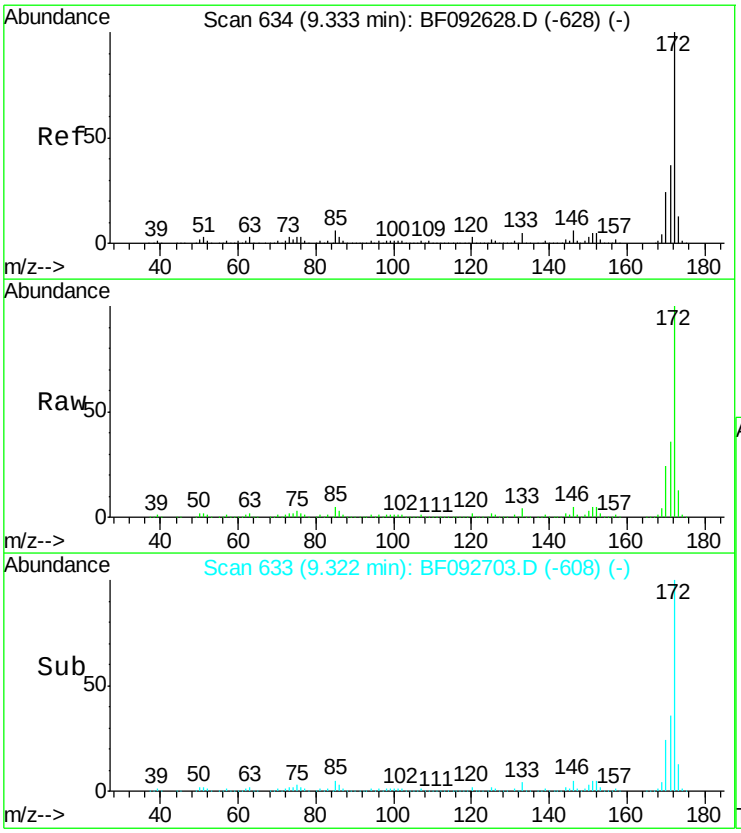
#41
2,4,6-Tribromophenol
Concen: 122.52 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:330 Resp: 320614

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	35.9	34.1	51.1

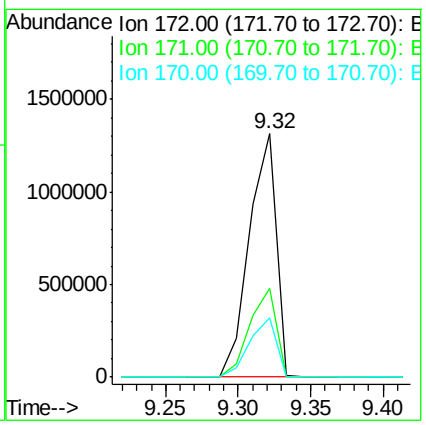


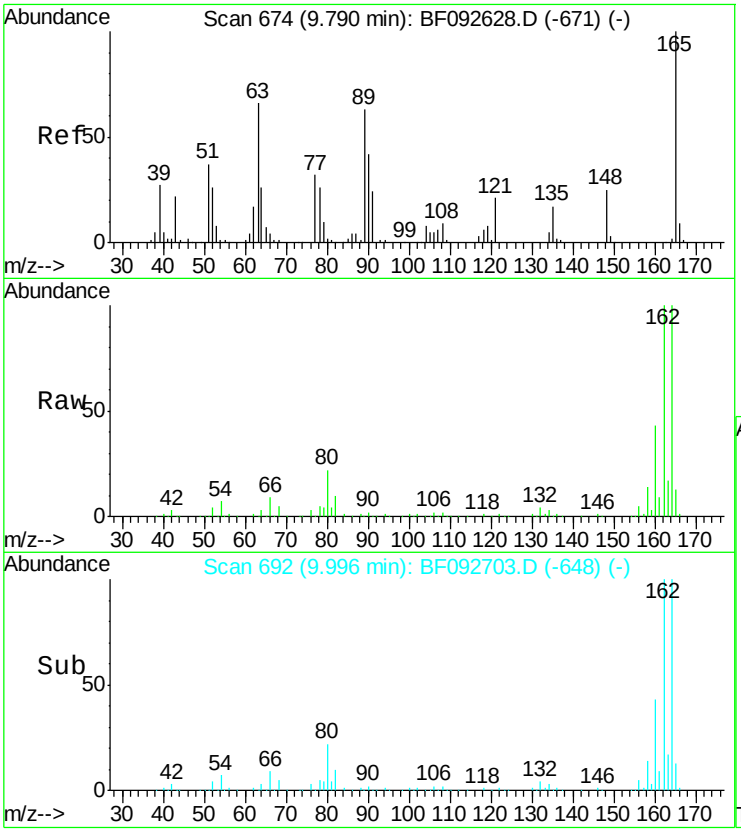


#44
2-Fluorobiphenyl
Concen: 85.02 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:172 Resp: 1697903

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.1	20.2	30.4



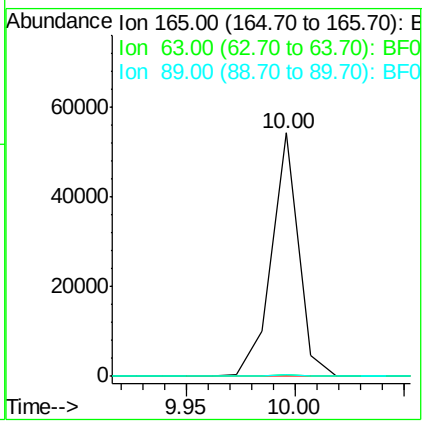


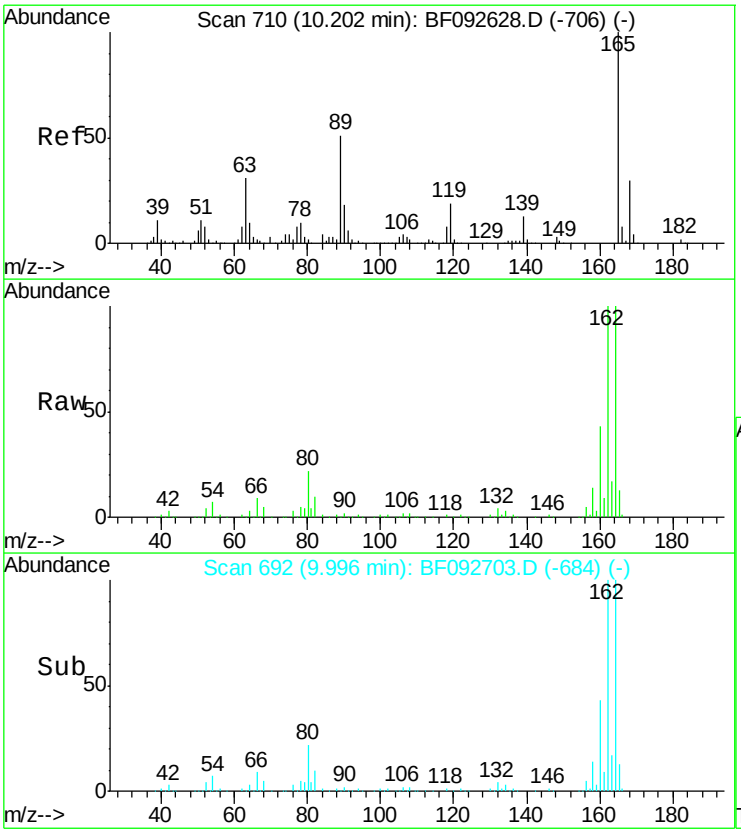
#50
2,6-Dinitrotoluene
Concen: 9.03 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.21 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:165 Resp: 47537

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.6	40.2	60.4#

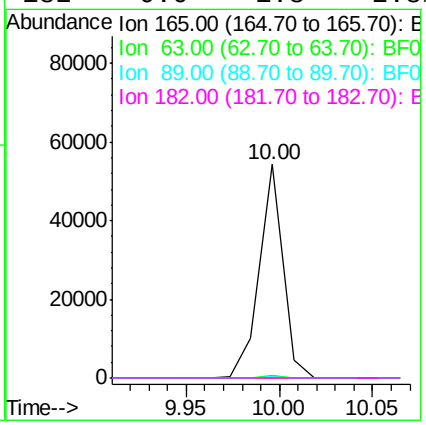


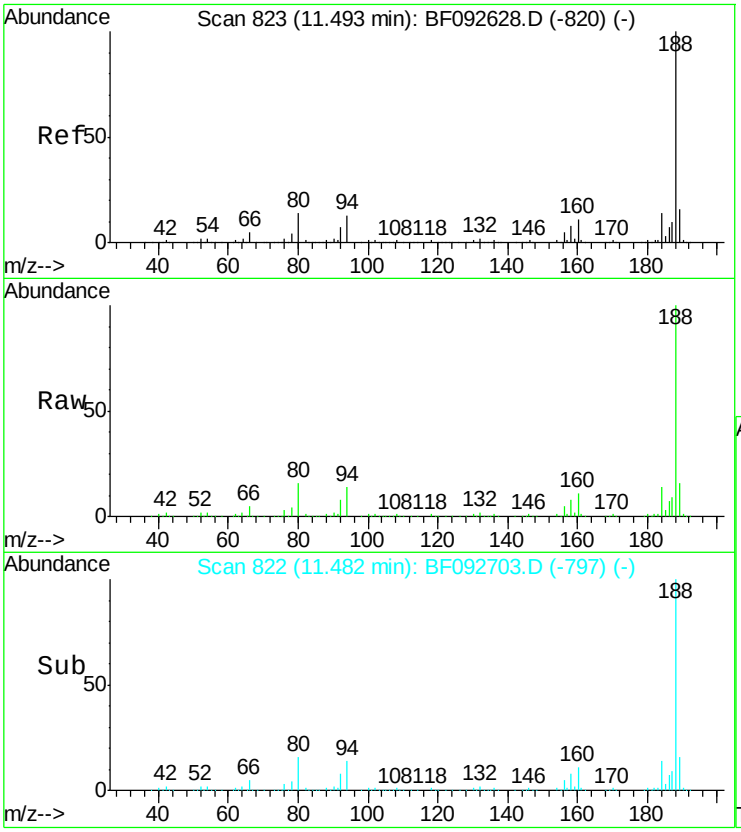


#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:165 Resp: 47539

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.6	62.5	93.7#
182	0.0	1.8	2.8#



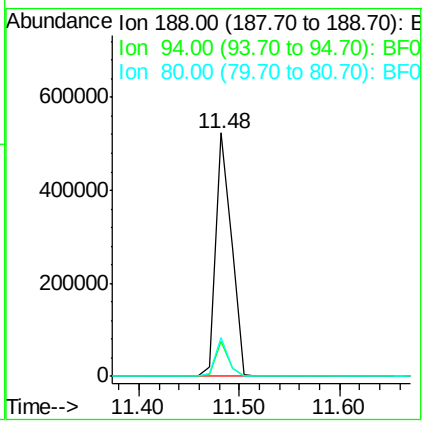


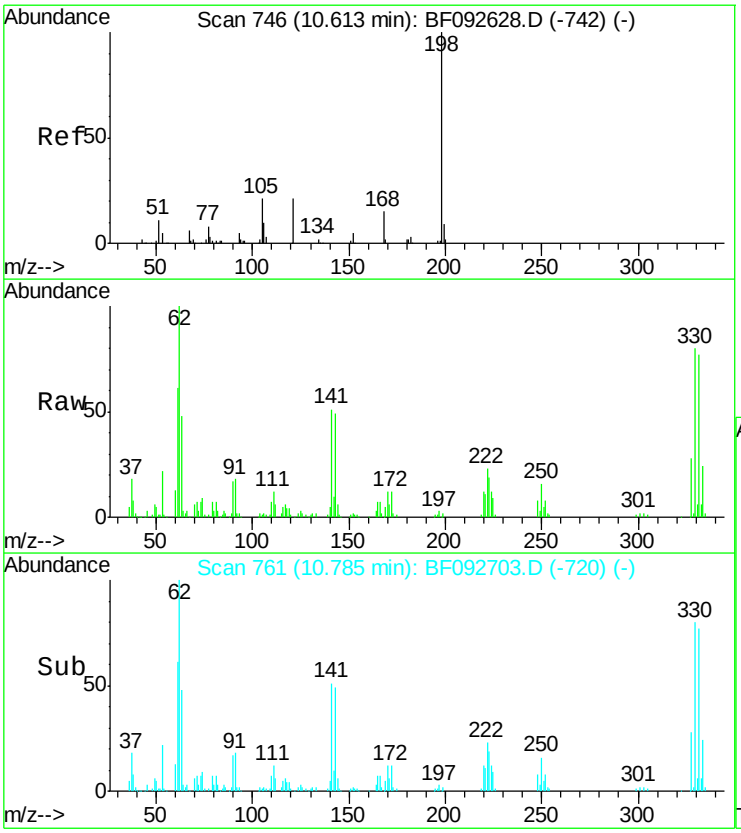
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:188 Resp: 570019

Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.0	15.0
80	16.1	11.2	16.8

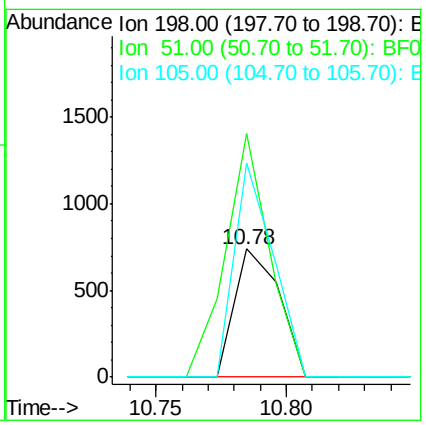


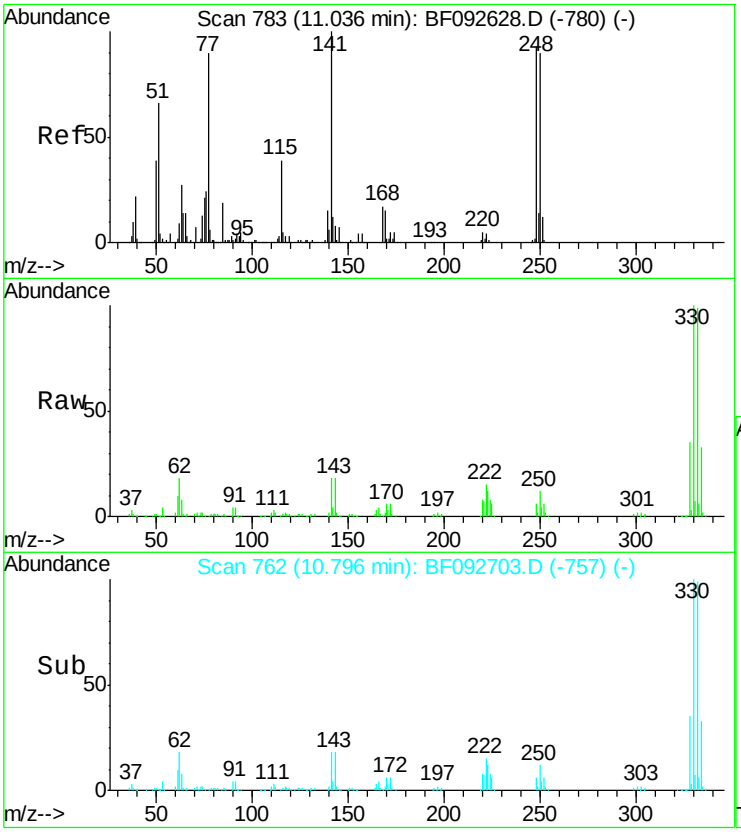


#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:198 Resp: 883

Ion	Ratio	Lower	Upper
198	100		
51	190.0	6.7	46.7#
105	167.4	16.6	56.6#



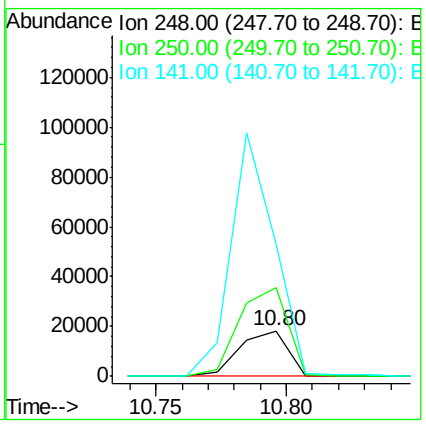


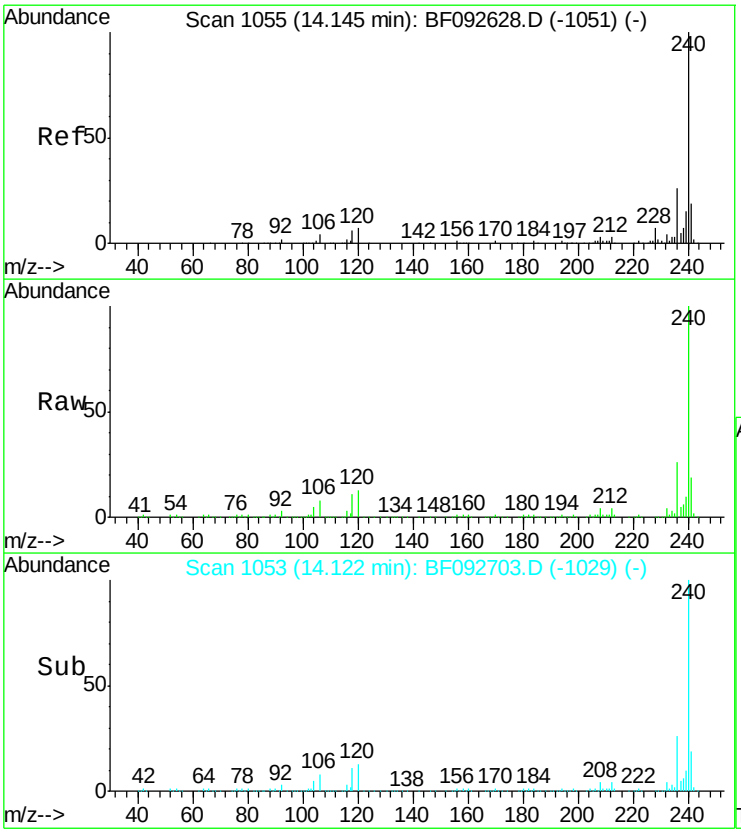
#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:248 Resp: 23586

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	290.5	68.2	102.4#

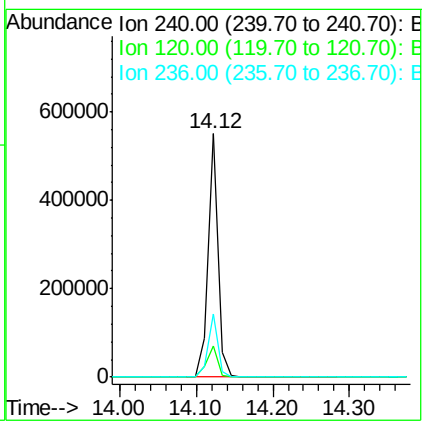


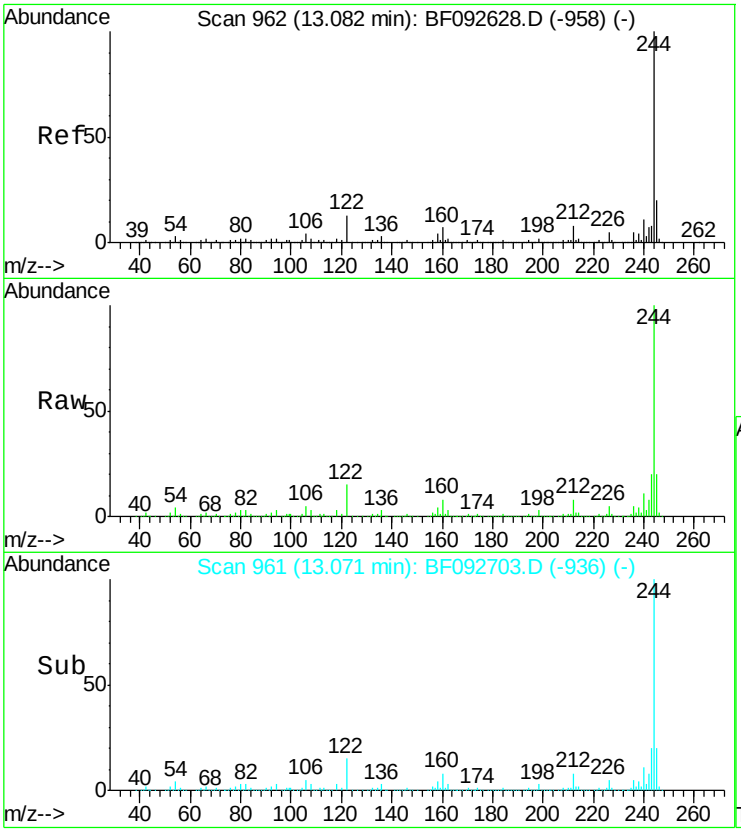


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:240 Resp: 485683

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	25.7	20.9	31.3



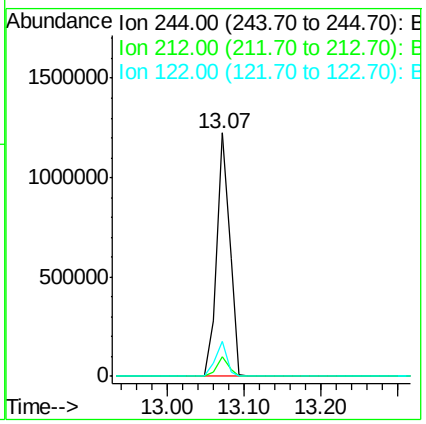


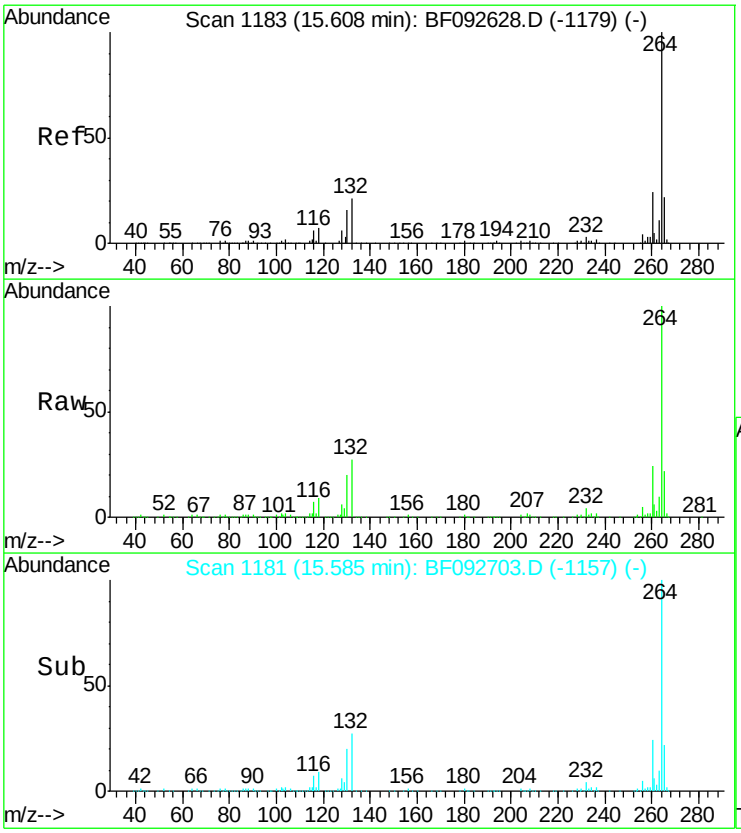
#78
Terphenyl-d14
Concen: 70.31 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tgt Ion:244 Resp: 1453287

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.5	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:264 Resp: 376250

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0