Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092961.D
Acq On : 15 Feb 2017 19:58
Operator : SJ/MA
Sample : I1839-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 00:32:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142538	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	568252	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	317251	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	574487	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	459068	20.00	ng		-0.03
86) Perylene-d12	15.46	264	383359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1220102	146.85	ng		-0.01
7) Phenol-d6	6.51	99	1430520	133.82	ng		-0.02
23) Nitrobenzene-d5	7.45	82	999324	97.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	353275	153.96	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1552201	88.64	ng		-0.01
78) Terphenyl-d14	12.98	244	1558574	79.77	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.52	94	86260	6.90	ng		83
19) n-Nitroso-di-n-propylamine	7.44	70	130609	19.19	ng	#	81
25) Isophorone	7.45	82	906853	47.69	ng	#	65
49) Dimethylphthalate	9.63	163	93601	4.38	ng		99
50) 2,6-Dinitrotoluene	9.90	165	40922	8.87	ng	#	31
56) 2,4-Dinitrotoluene	9.90	165	40924	6.66	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.69	198	503	2.80	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	25195	4.20	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Feb 2017 19:58
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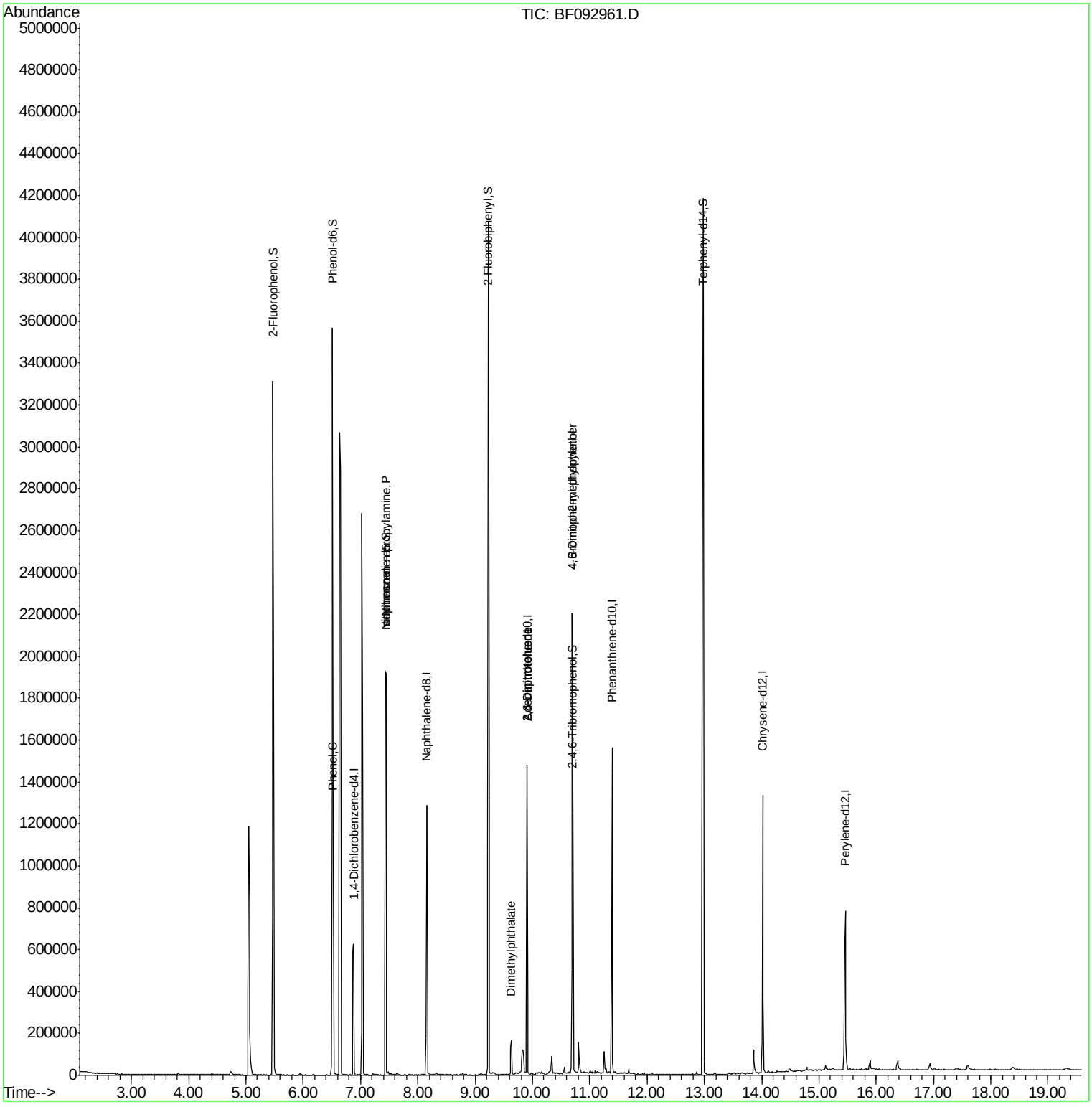
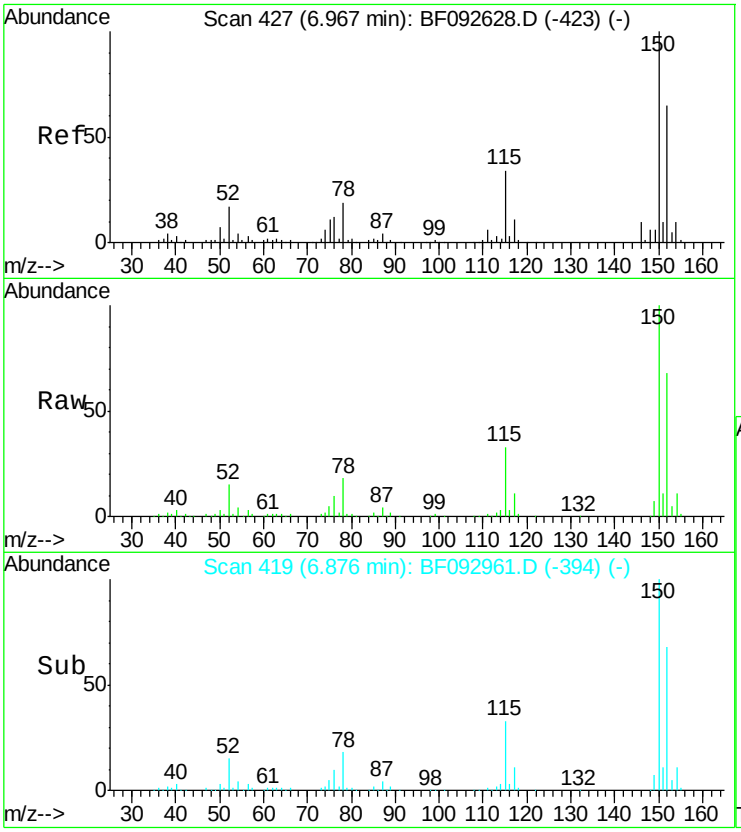


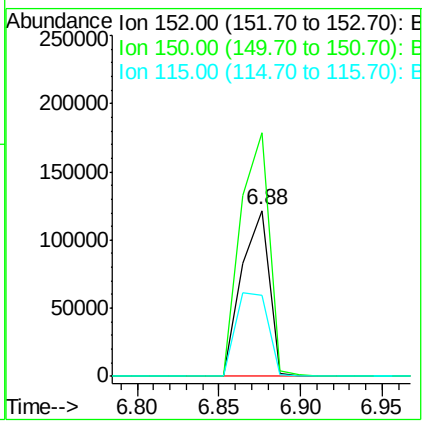


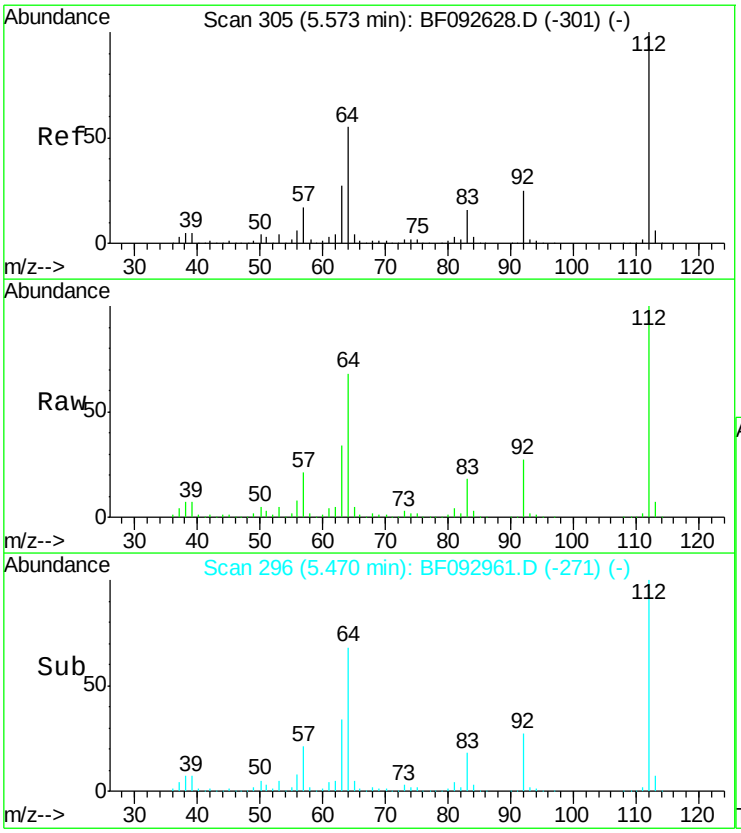
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142538

Ion	Ratio	Lower	Upper
152	100		
150	146.8	124.9	187.3
115	48.9	46.0	69.0

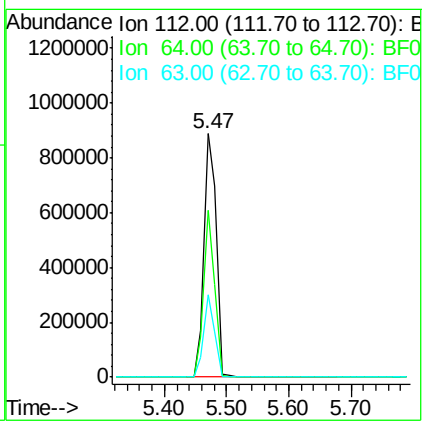


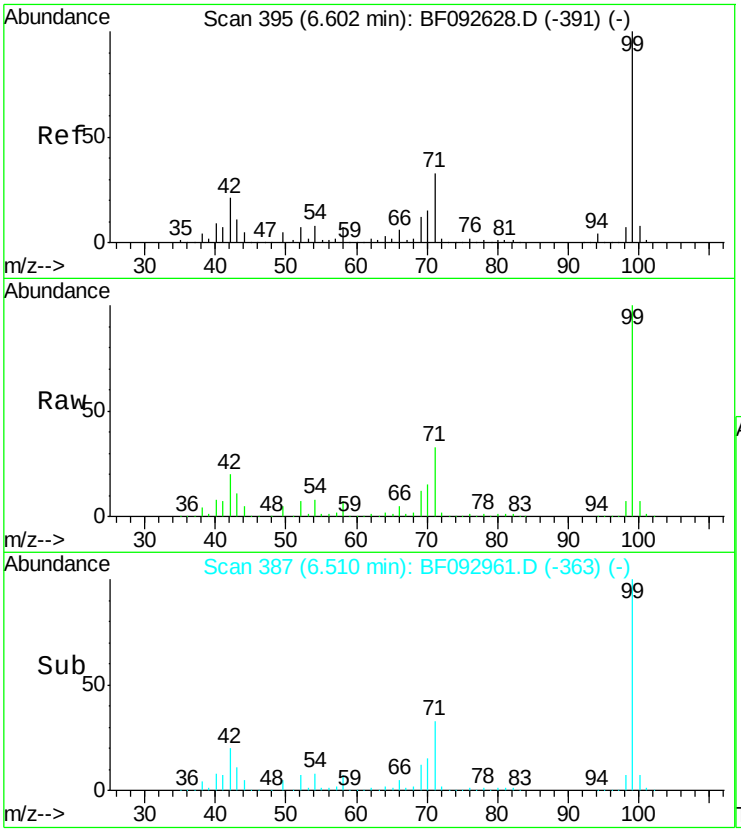


#5
2-Fluorophenol
Concen: 146.85 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:112 Resp: 1220102

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	34.1	23.8	35.6



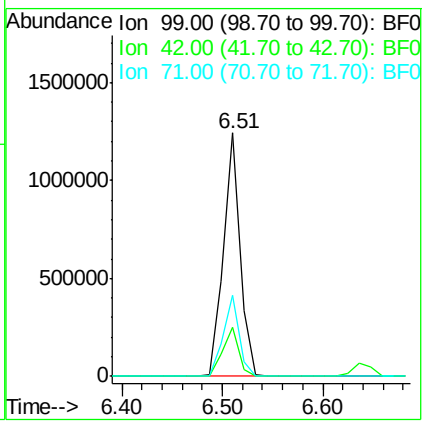


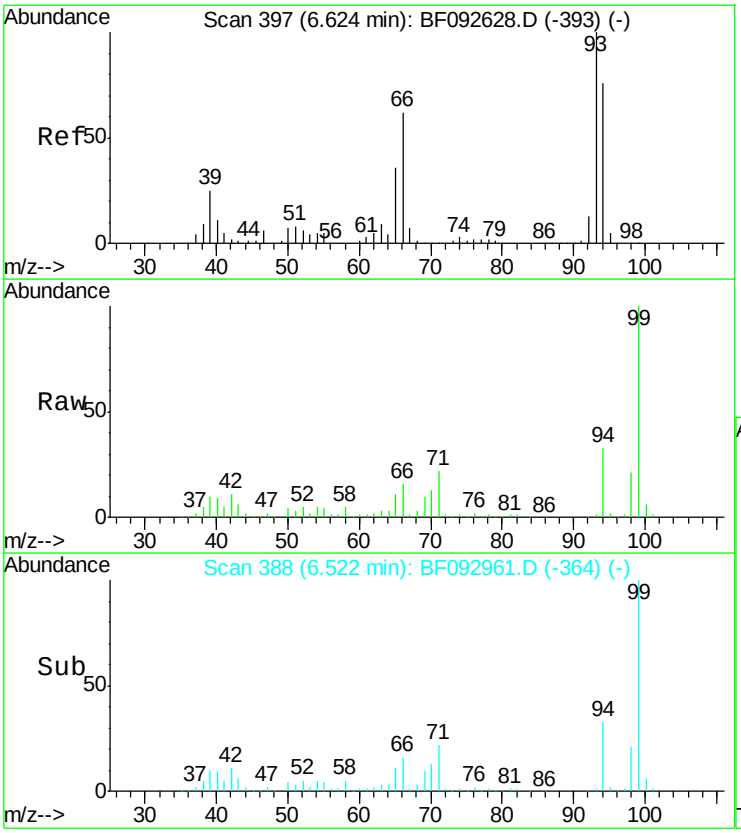
#7
Phenol-d6
Concen: 133.82 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1430520

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.4	27.5	41.3

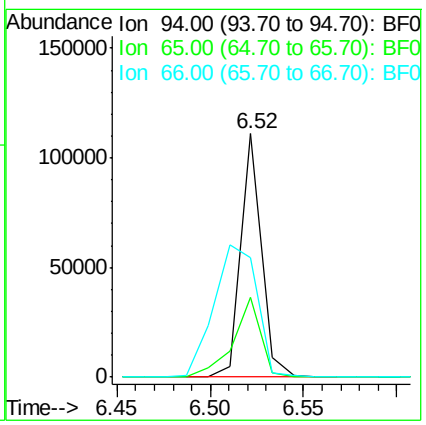


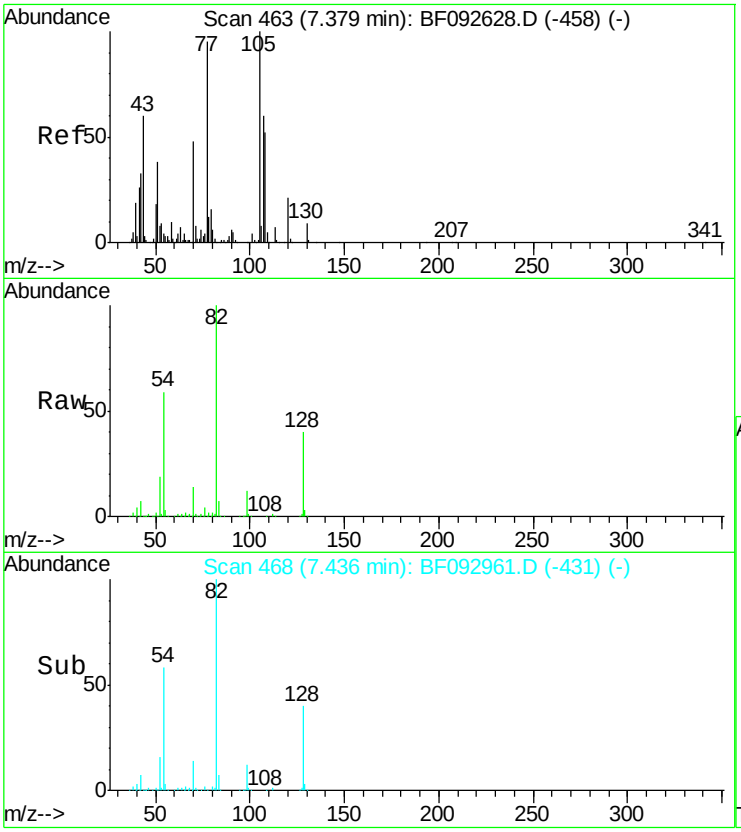


#10
Phenol
Concen: 6.90 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion: 94 Resp: 86260

Ion	Ratio	Lower	Upper
94	100		
65	32.5	21.4	61.4
66	48.9	44.0	84.0



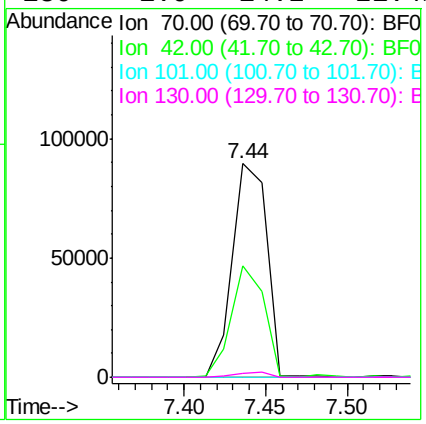


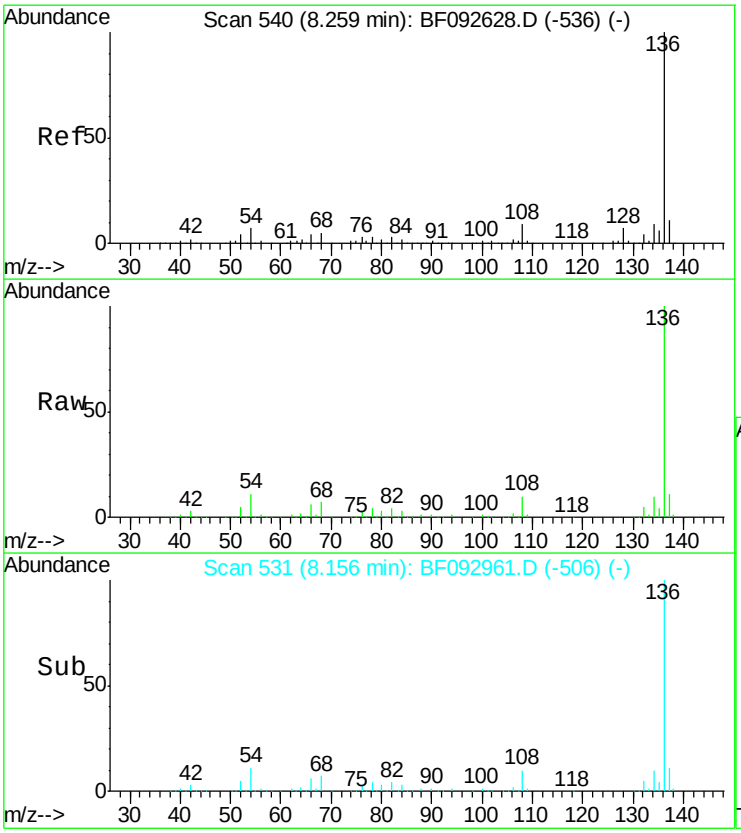
#19
n-Nitroso-di-n-propylamine
Concen: 19.19 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 130609

Ion	Ratio	Lower	Upper
70	100		
42	52.2	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

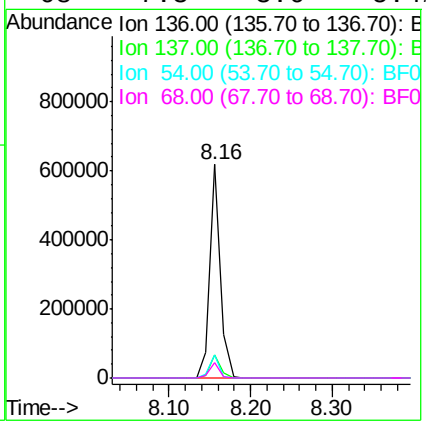


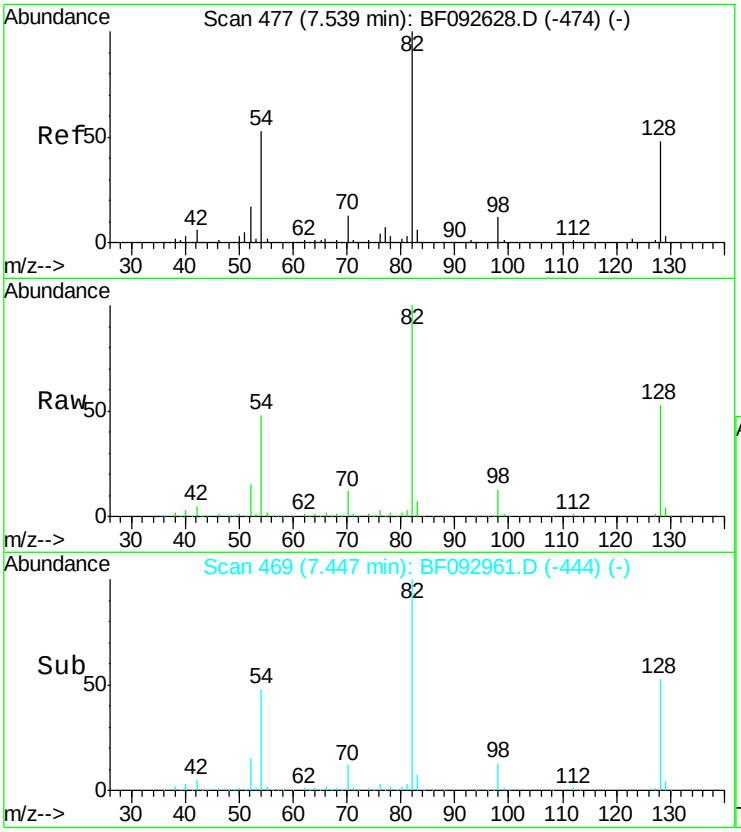


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:136 Resp: 568252

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	4.5	6.7#
68	7.3	3.6	5.4#



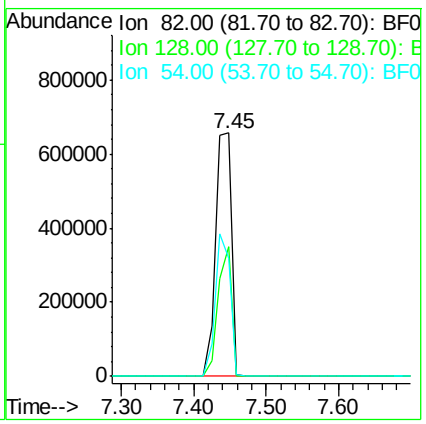


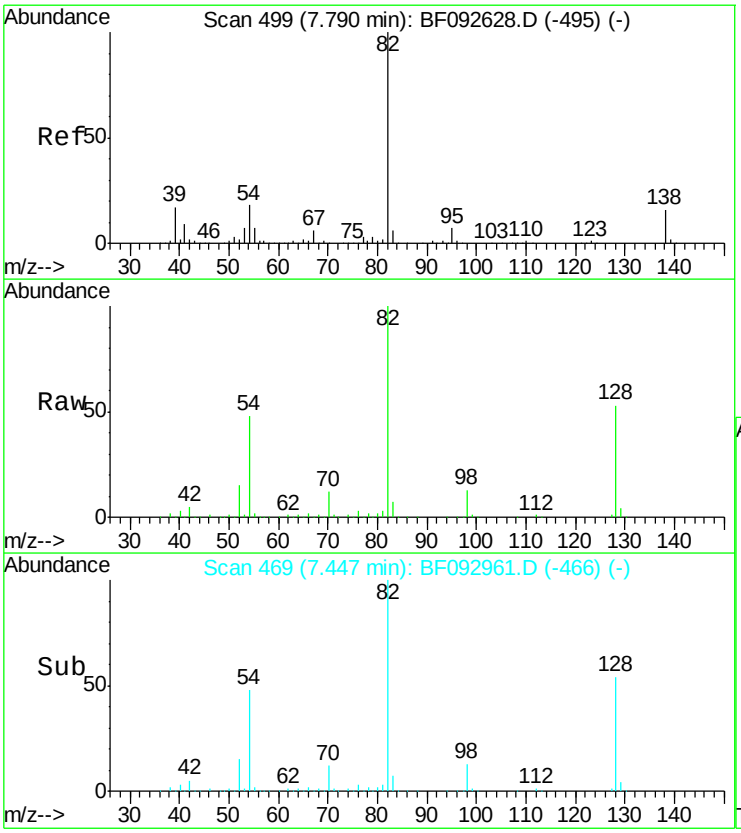
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 999324

Ion	Ratio	Lower	Upper
82	100		
128	53.5	34.6	52.0#
54	48.3	39.5	59.3

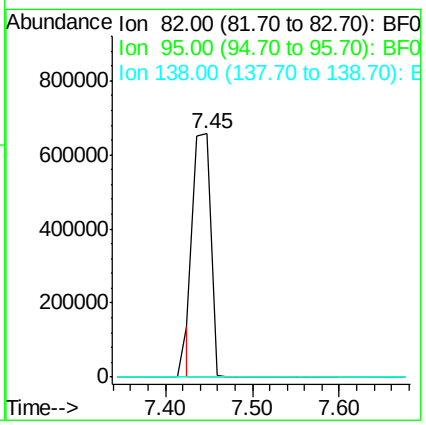


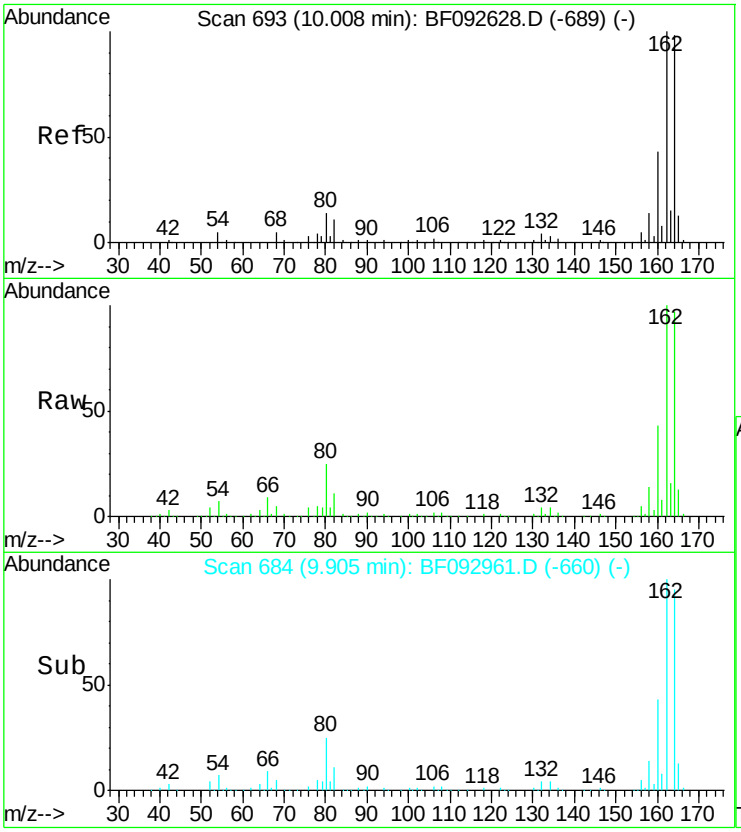


#25
Isophorone
Concen: 47.69 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.26 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion: 82 Resp: 906853

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



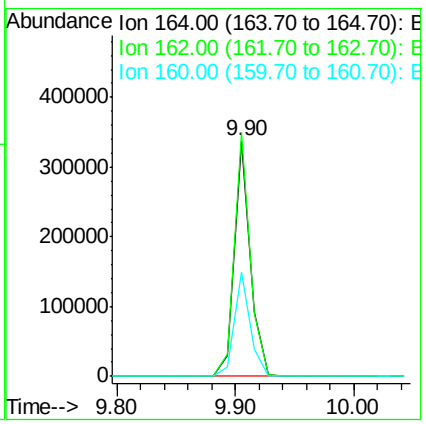


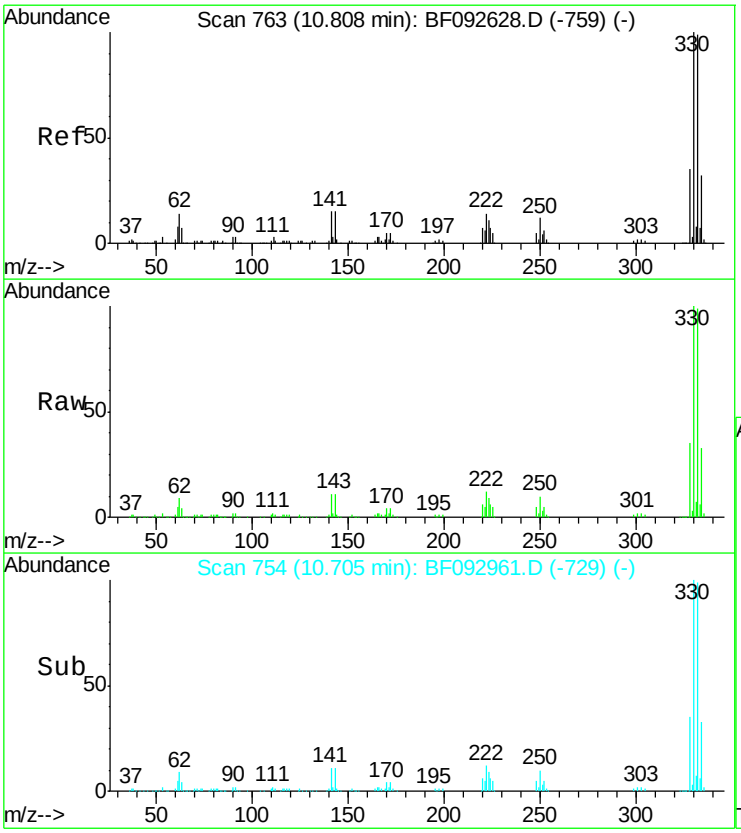
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 317251

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.5	36.9	55.3

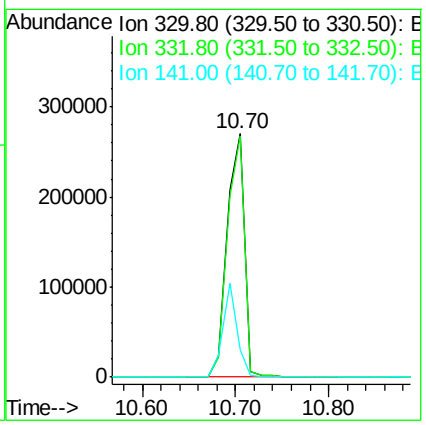


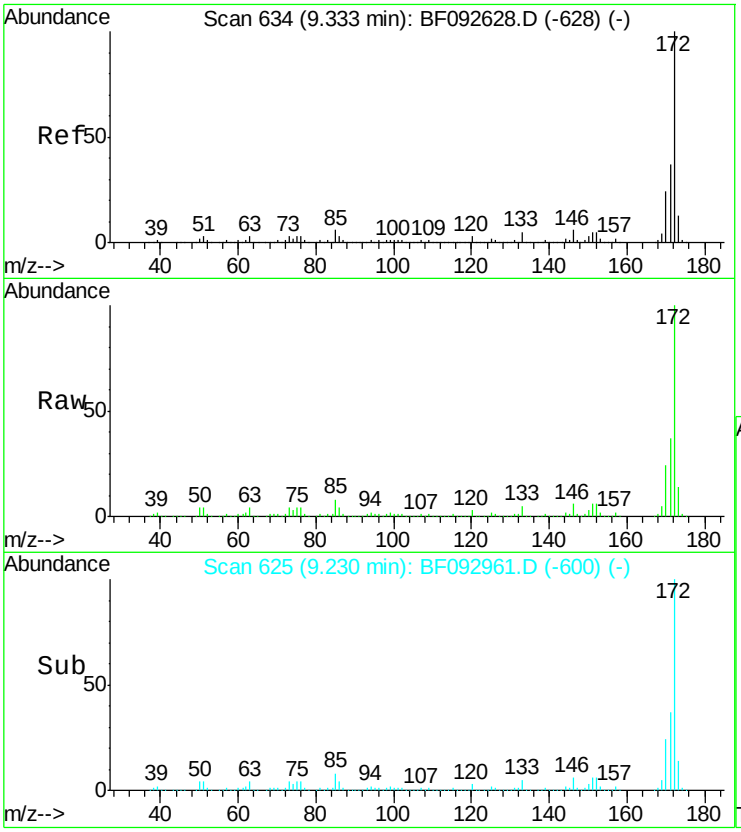


#41
2,4,6-Tribromophenol
Concen: 153.96 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:330 Resp: 353275

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	32.0	34.1	51.1#



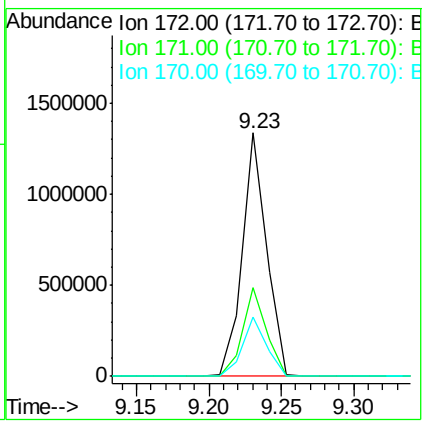


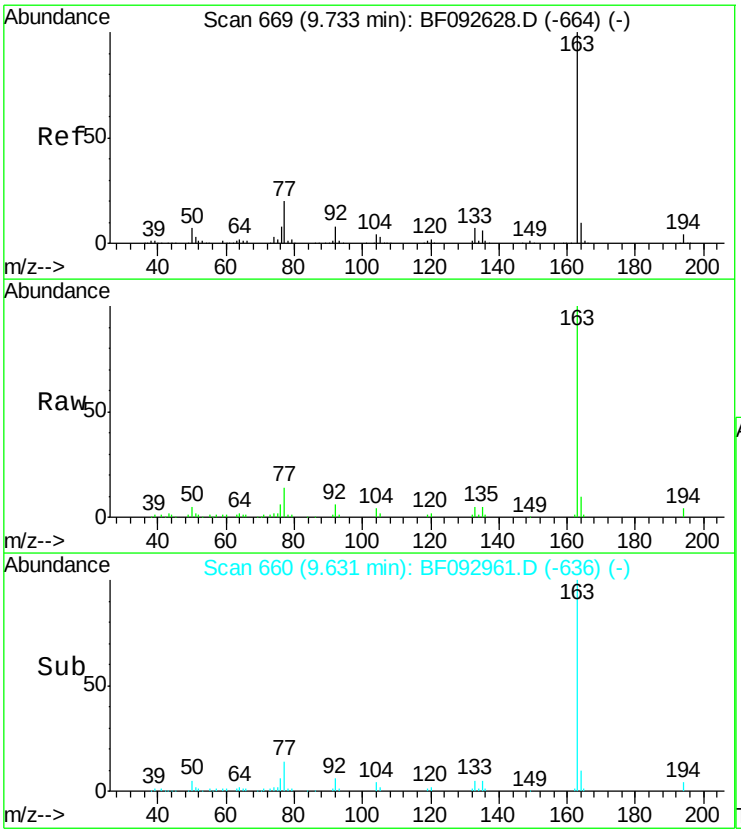
#44
2-Fluorobiphenyl
Concen: 88.64 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1552201

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	20.2	30.4

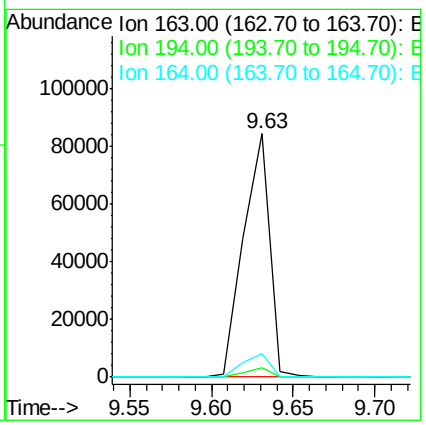


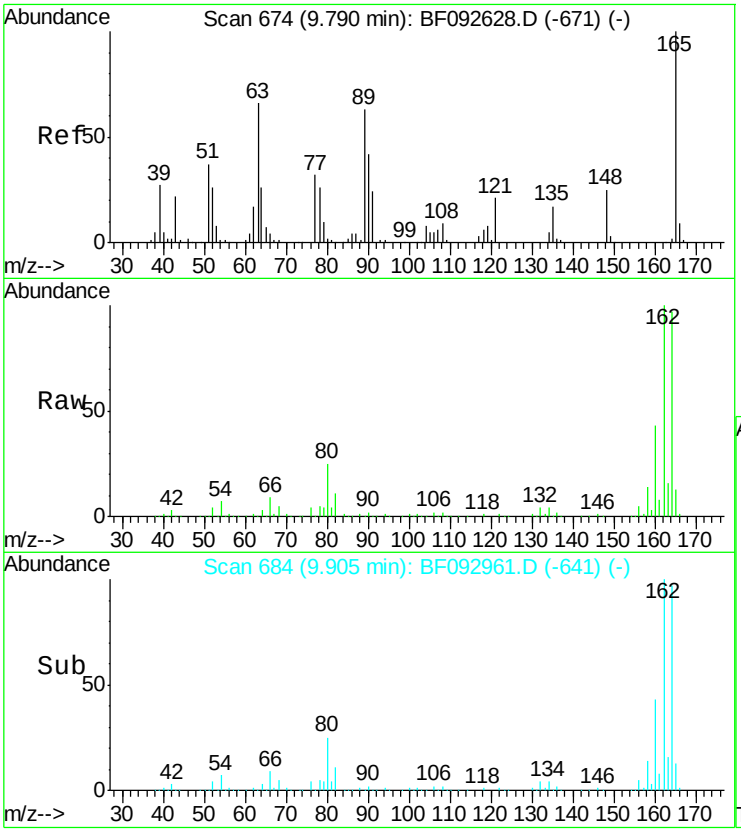


#49
Dimethylphthalate
Concen: 4.38 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:163 Resp: 93601

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.0	12.0



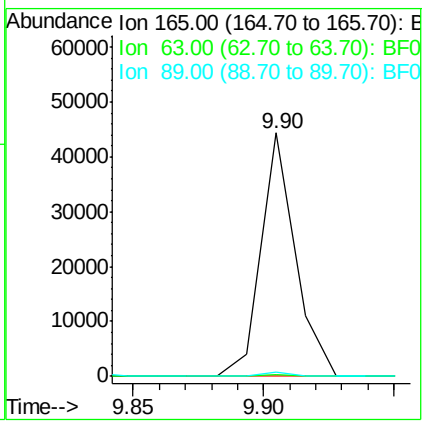


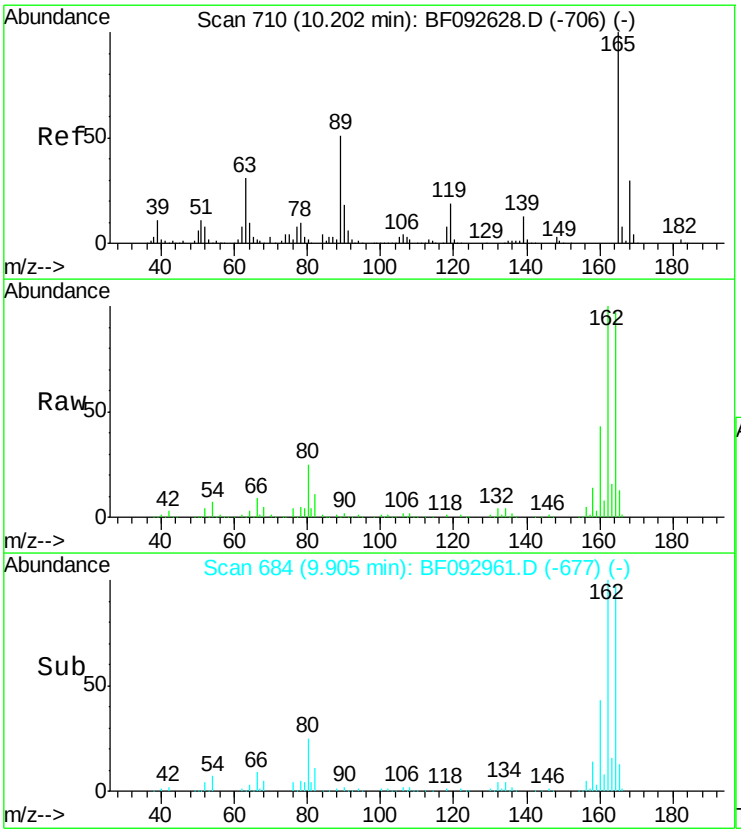
#50
2,6-Dinitrotoluene
Concen: 8.87 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40922

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.7	40.2	60.4#

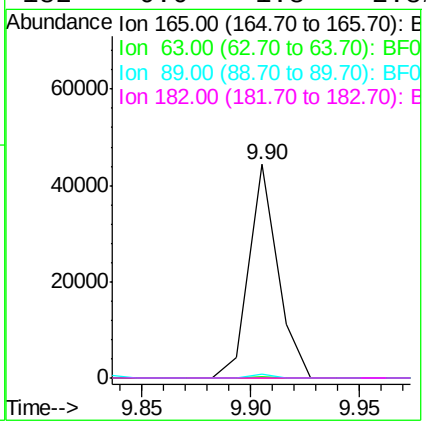


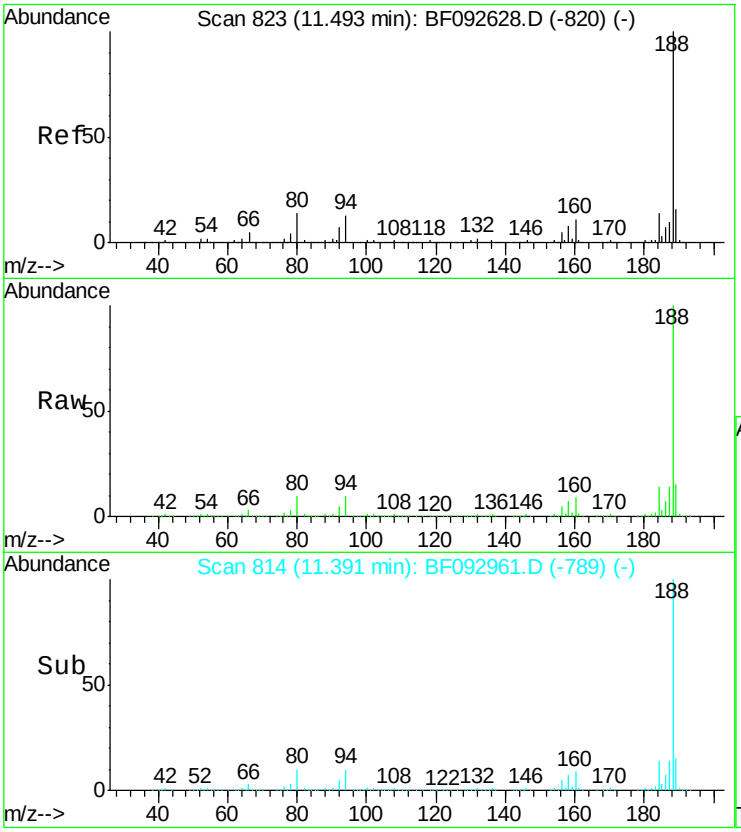


#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:165 Resp: 40924

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#



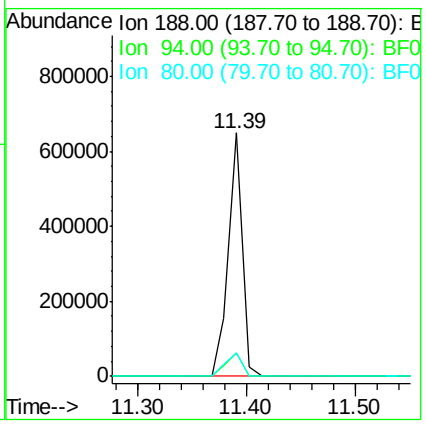


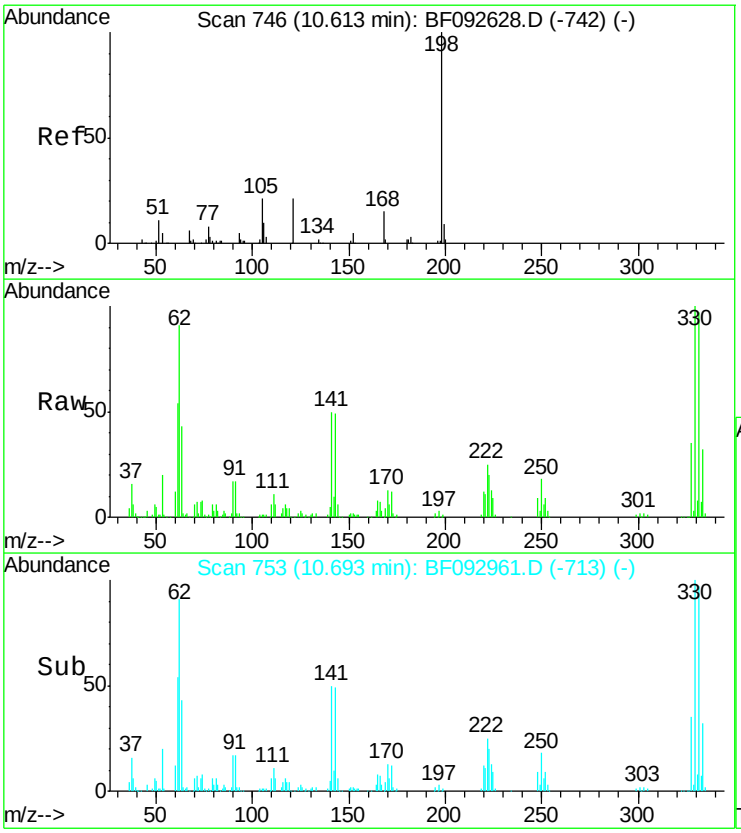
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 574487

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	9.8	11.2	16.8#

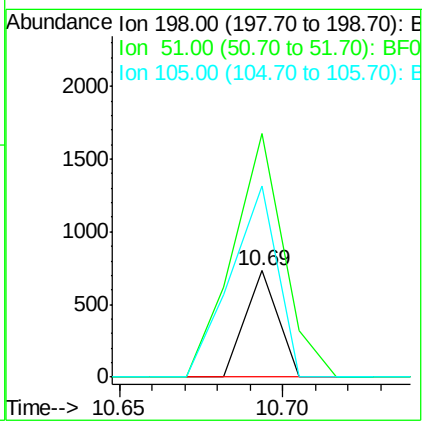


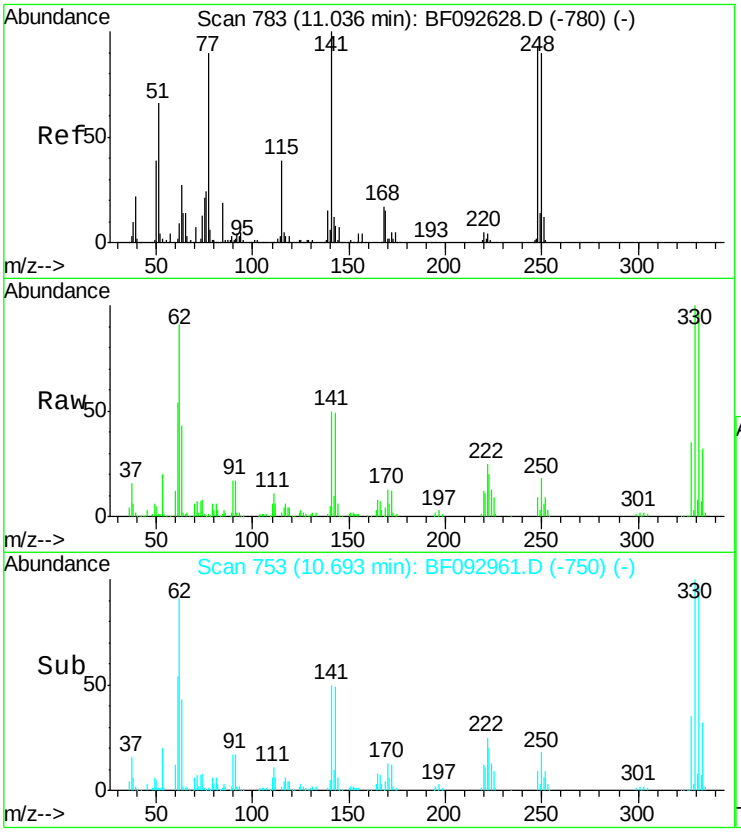


#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:198 Resp: 503

Ion	Ratio	Lower	Upper
198	100		
51	228.6	6.7	46.7#
105	179.9	16.6	56.6#



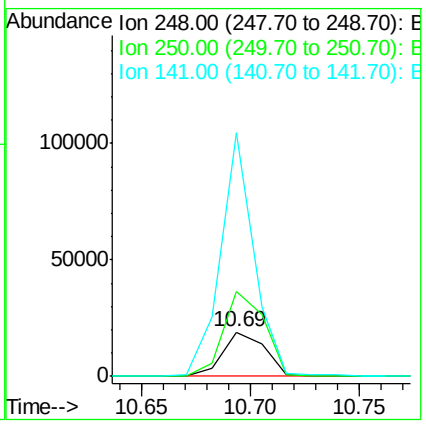


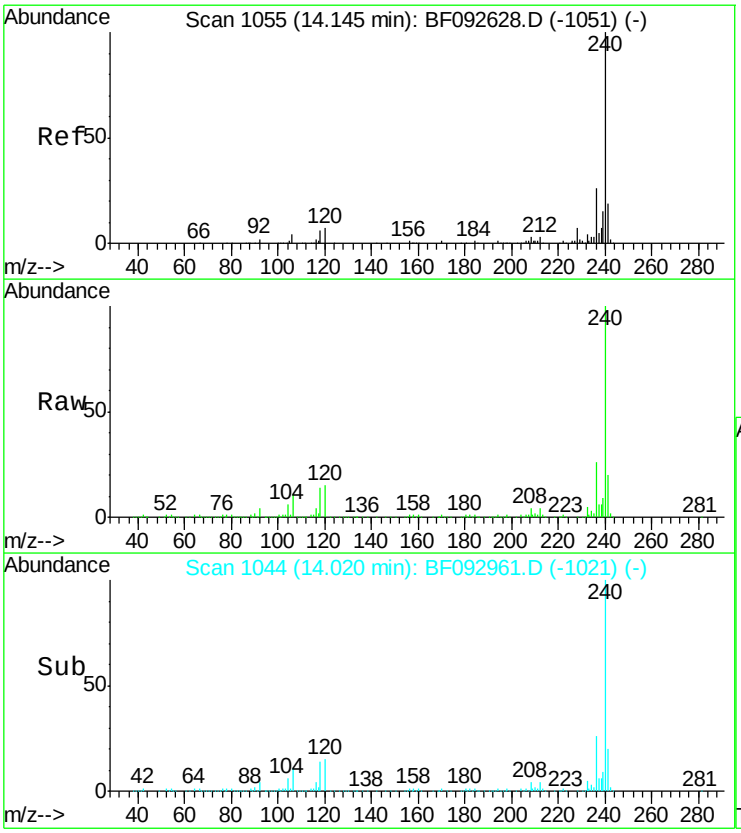
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 25195

Ion	Ratio	Lower	Upper
248	100		
250	192.1	76.9	115.3#
141	547.8	68.2	102.4#

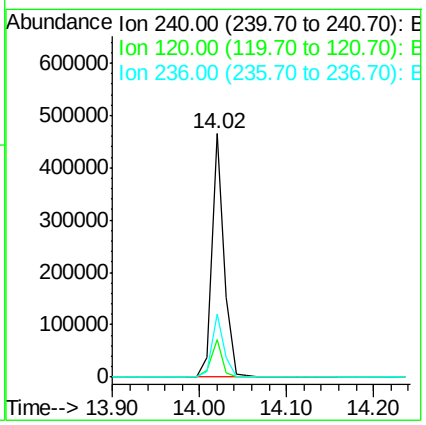


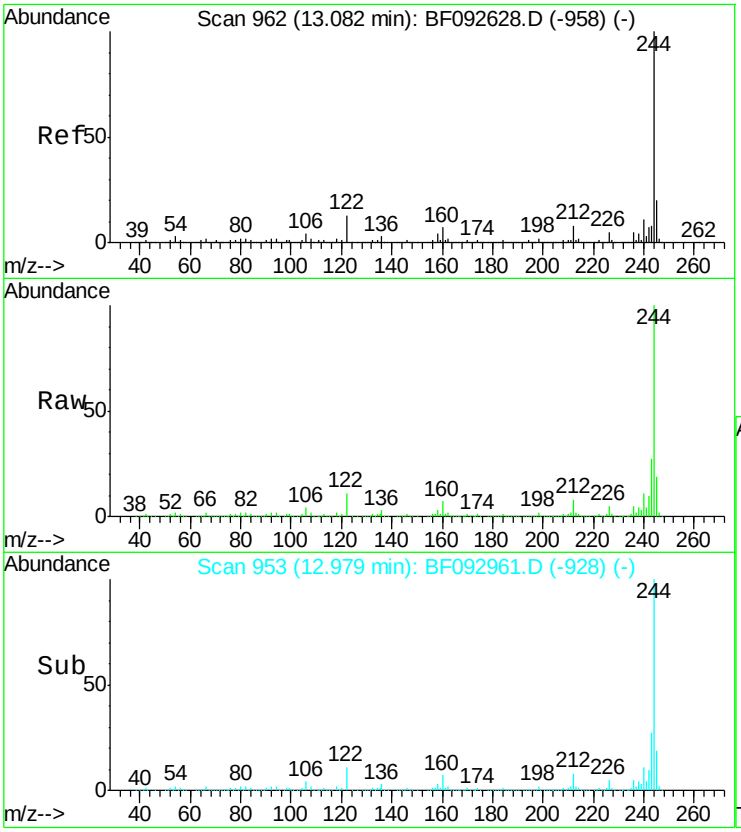


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:240 Resp: 459068

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.9	19.3
236	26.1	20.9	31.3



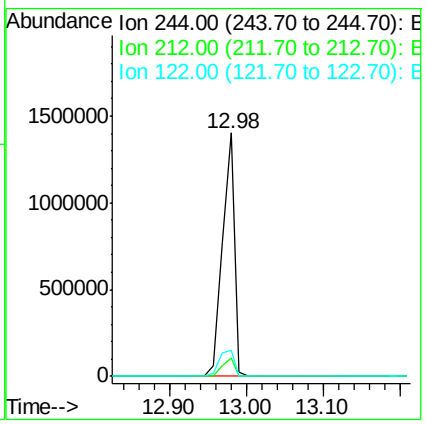


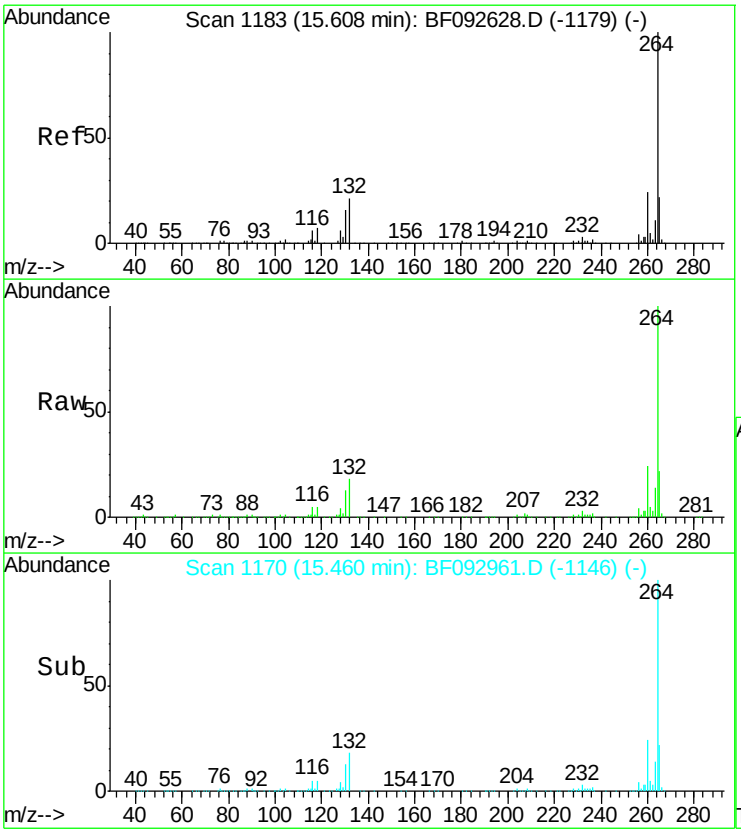
#78
Terphenyl-d14
Concen: 79.77 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1558574

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.9	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092961.D
Acq: 15 Feb 2017 19:58

Tgt Ion:264 Resp: 383359

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.4	26.0