Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087962.D
Acq On : 12 Jun 2016 21:58
Operator : UM/SJ
Sample : H3473-01
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

Quant Time: Jun 13 05:01:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102929	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	423383	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	207512	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	390822	20.00	ng		0.00
75) Chrysene-d12	13.95	240	284595	20.00	ng		-0.01
86) Perylene-d12	15.36	264	225737	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	681271	113.15	ng		0.01
7) Phenol-d6	6.44	99	984230	134.89	ng		0.00
23) Nitrobenzene-d5	7.37	82	673124	92.84	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	236484	107.93	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1094911	82.74	ng		-0.01
78) Terphenyl-d14	12.91	244	1035257	82.78	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.57	94	1400	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	88446	18.95	ng	#	70
31) Naphthalene	8.10	128	108872	5.20	ng		98
45) 1,1'-Biphenyl	9.27	154	1717	Below Cal			89
50) 2,6-Dinitrotoluene	9.84	165	26395	7.67	ng	#	39
56) 2,4-Dinitrotoluene	9.84	165	26397	5.97	ng	#	38
57) Fluorene	10.39	166	3141	Below Cal		#	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	418	2.33	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	15188	3.62	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Jun 2016 21:58
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Misc :
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STA-1000-(0-4)

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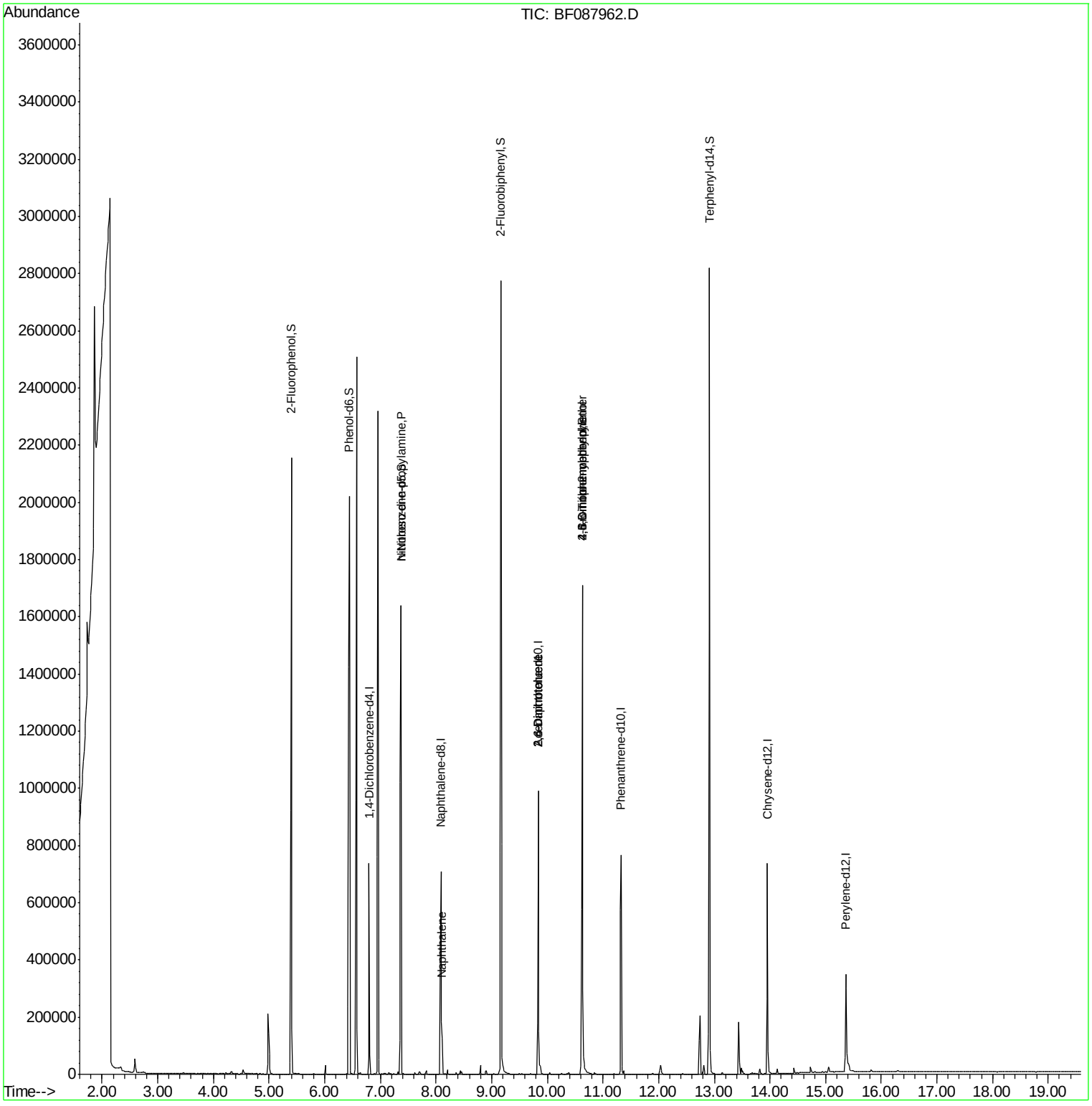
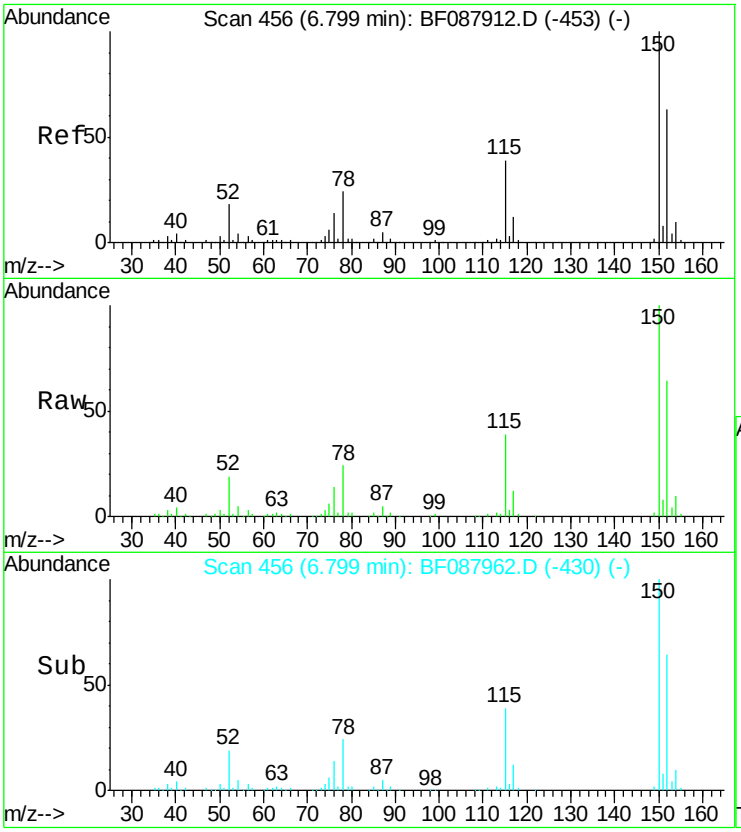


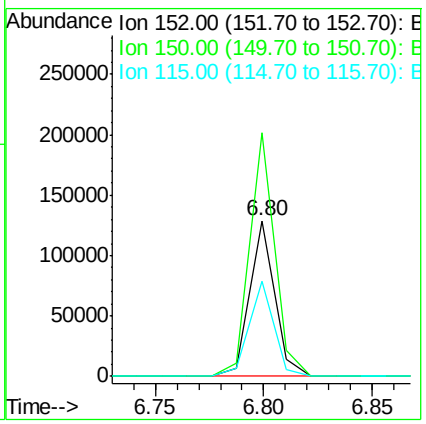


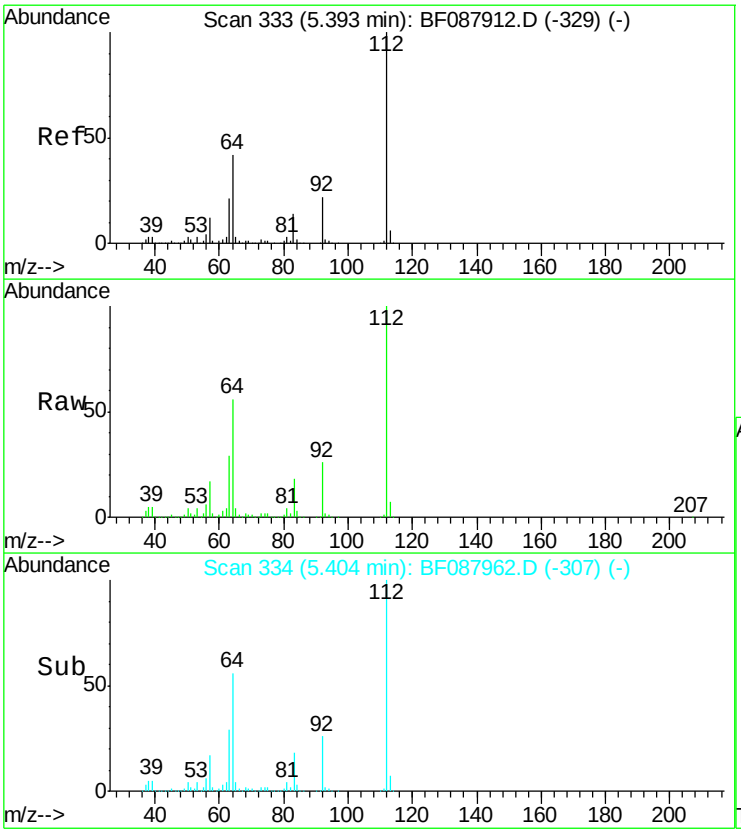
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:152 Resp: 102929

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	61.0	39.6	59.4#

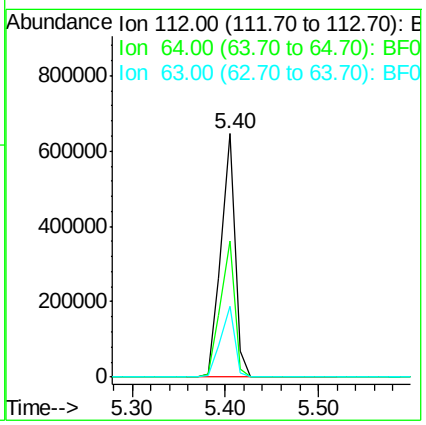


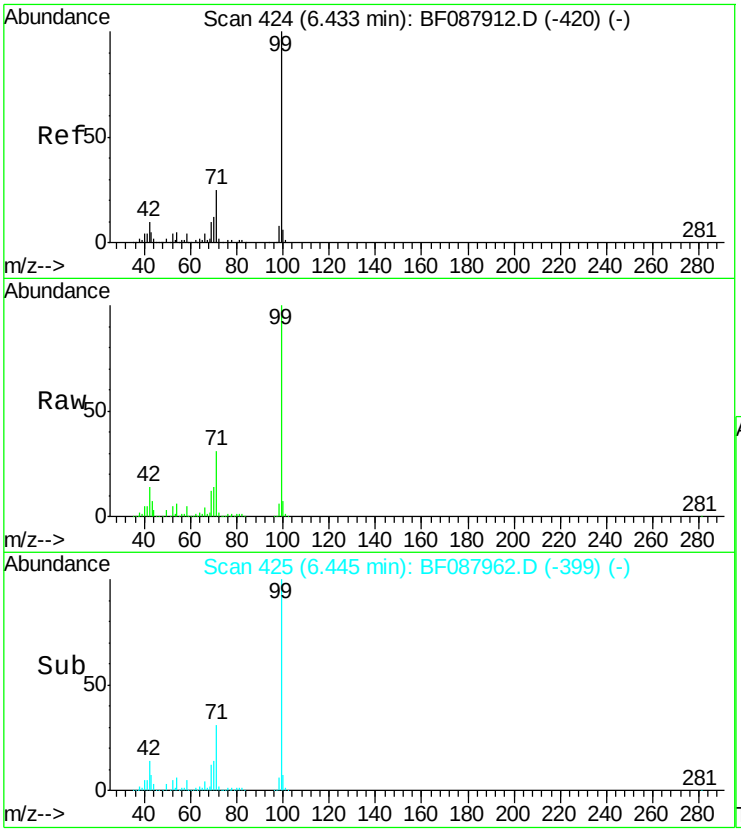


#5
2-Fluorophenol
Concen: 113.15 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:112 Resp: 681271

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.2	63.2
63	29.0	21.8	32.8



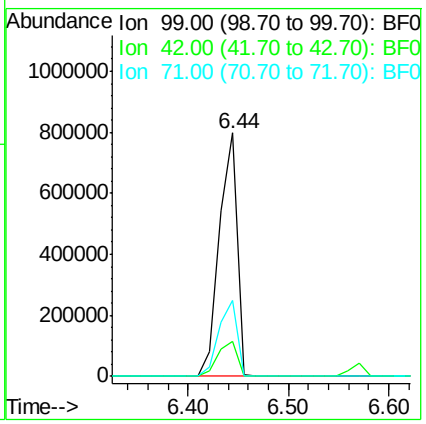


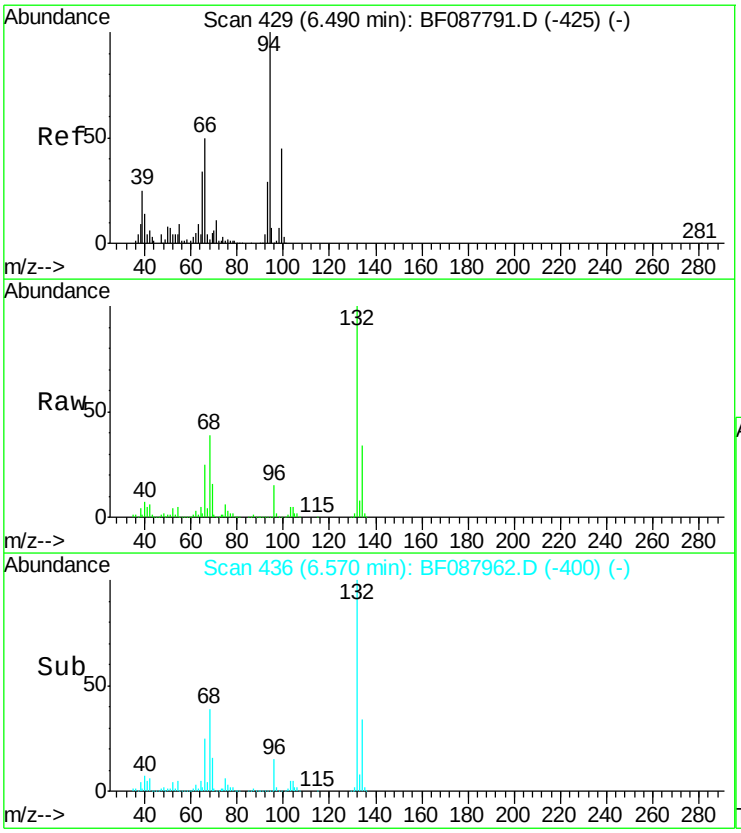
#7
Phenol-d6
Concen: 134.89 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion: 99 Resp: 984230

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.2	18.2
71	31.2	23.4	35.0

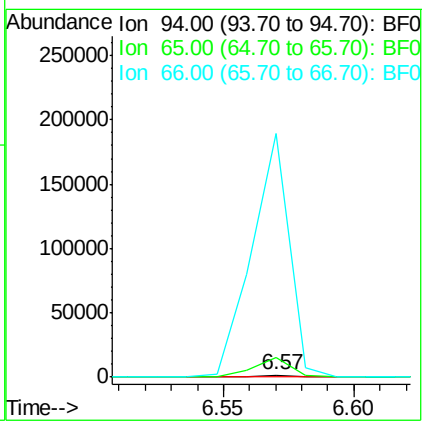


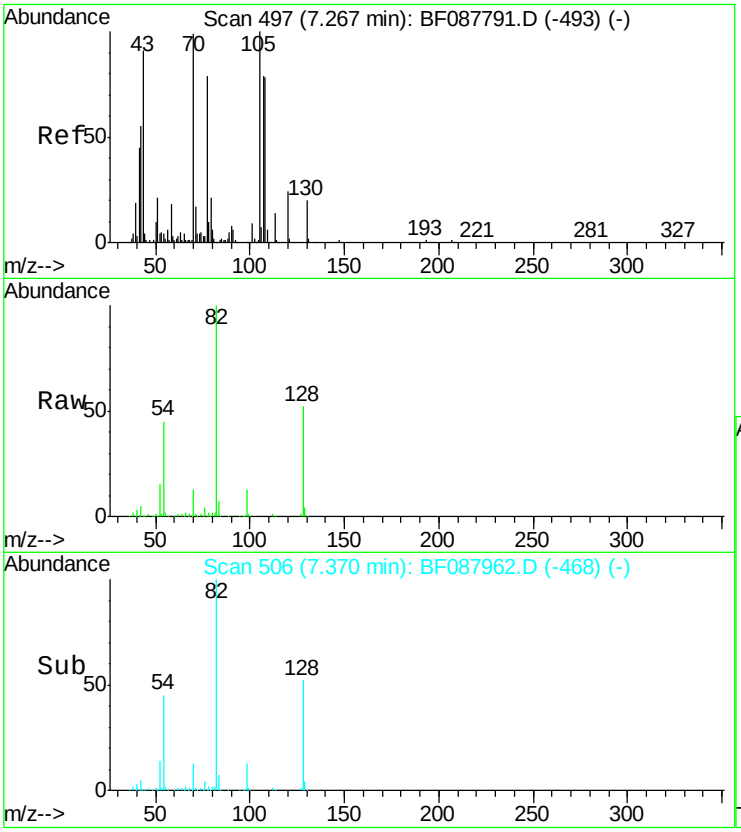


#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.11 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion: 94 Resp: 1400

Ion	Ratio	Lower	Upper
94	100		
65	1042.3	5.9	45.9#
66	12852.1	14.0	54.0#



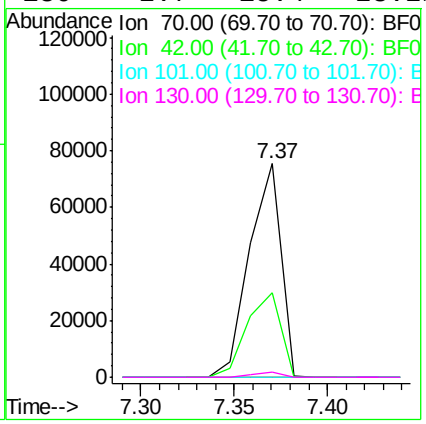


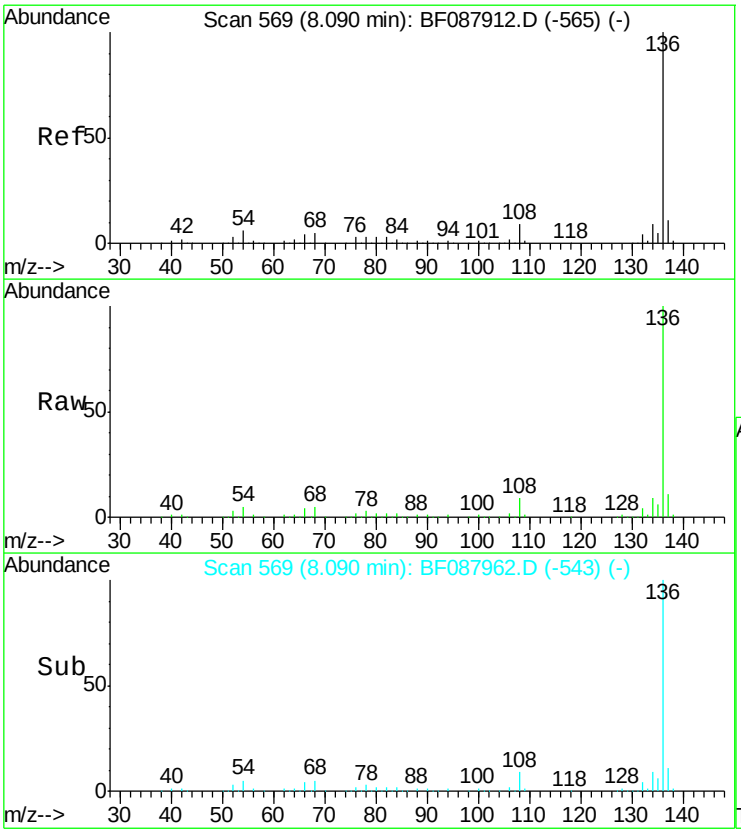
#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion: 70 Resp: 88446

Ion	Ratio	Lower	Upper
70	100		
42	39.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#

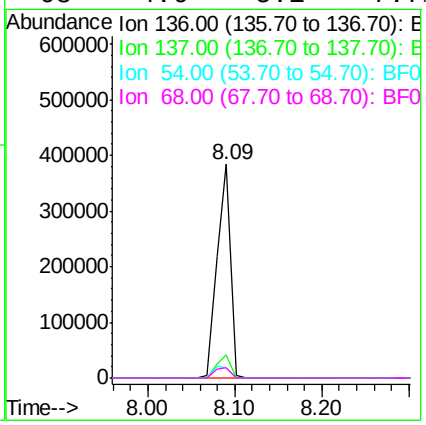


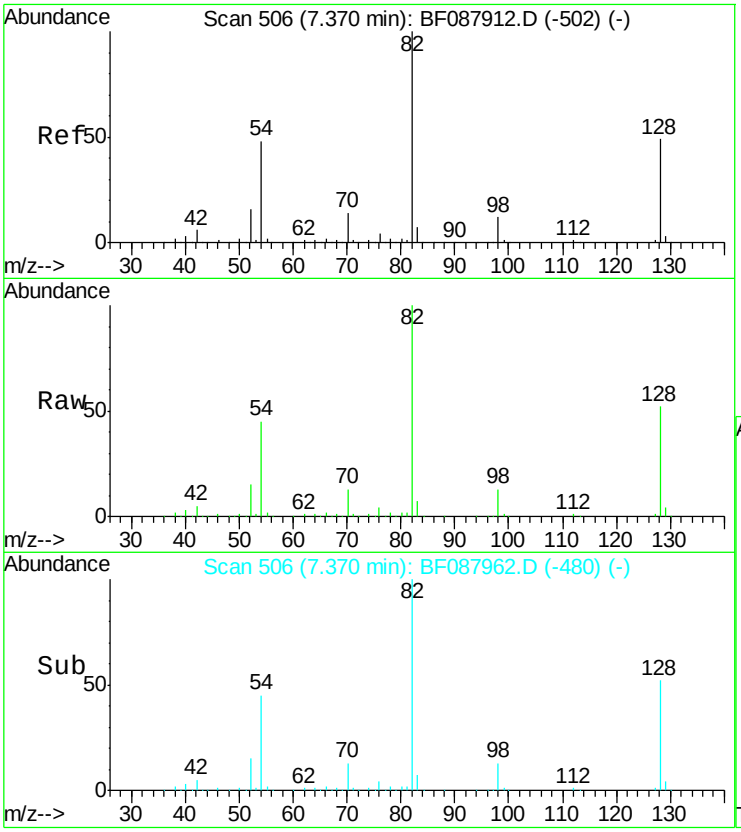


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:136 Resp: 423383

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.1	6.6	10.0#
68	4.6	5.1	7.7#



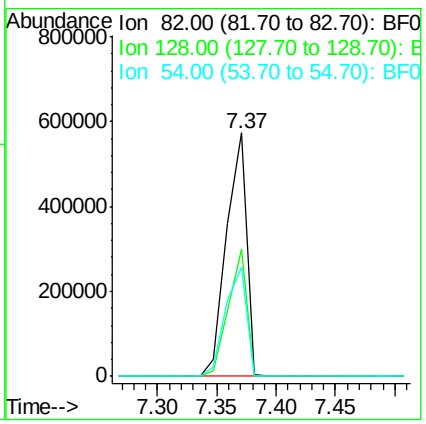


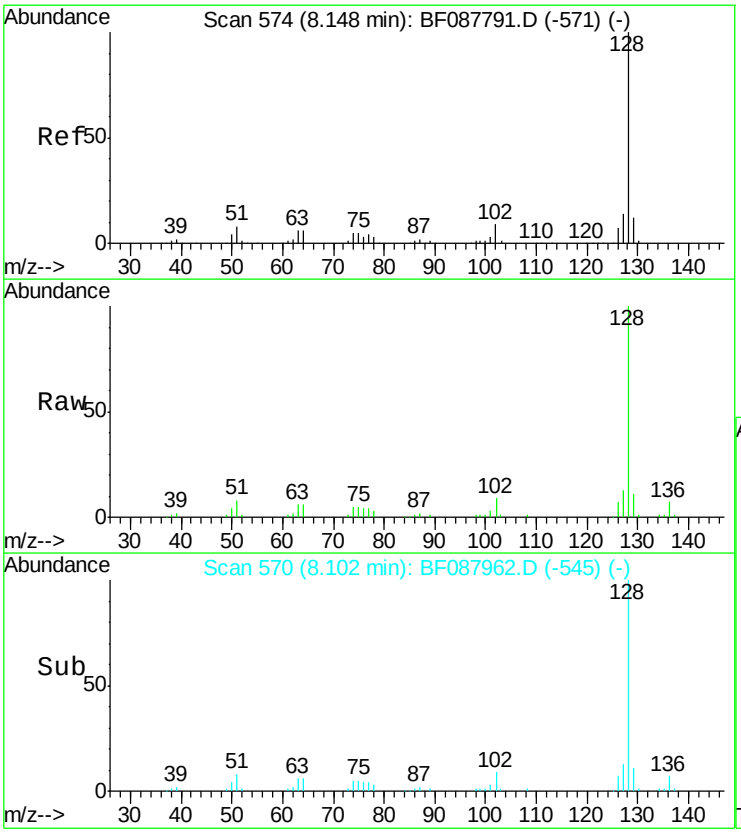
#23
Nitrobenzene-d5
Concen: 92.84 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion: 82 Resp: 673124

Ion	Ratio	Lower	Upper
82	100		
128	52.0	35.9	53.9
54	44.8	40.9	61.3

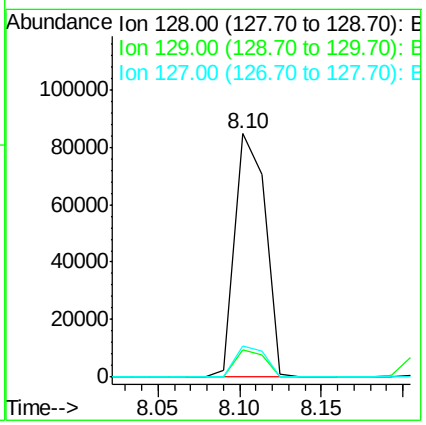


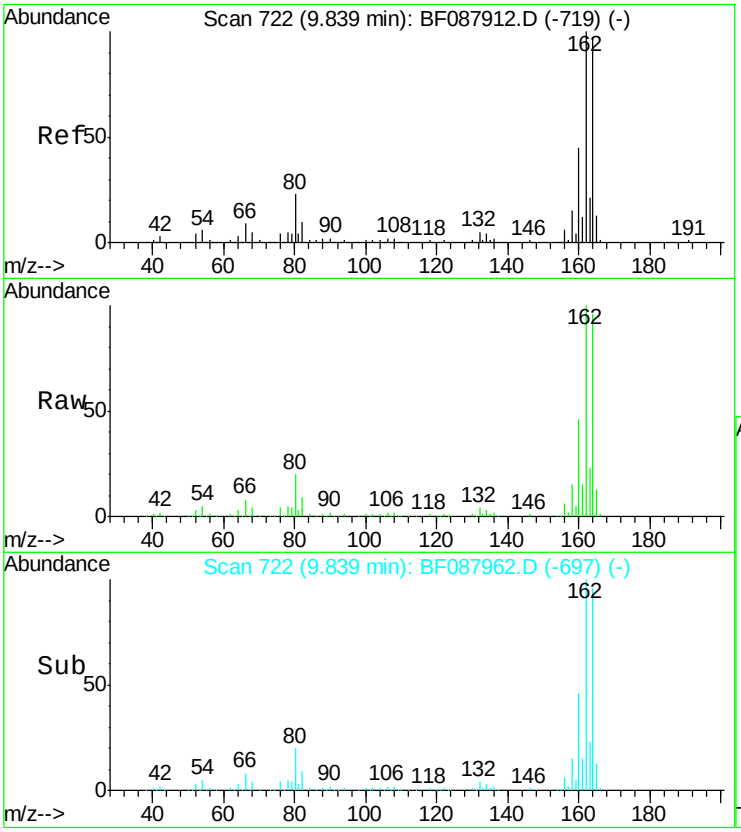


#31
Naphthalene
Concen: 5.20 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:128 Resp: 108872

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.7	10.9	16.3



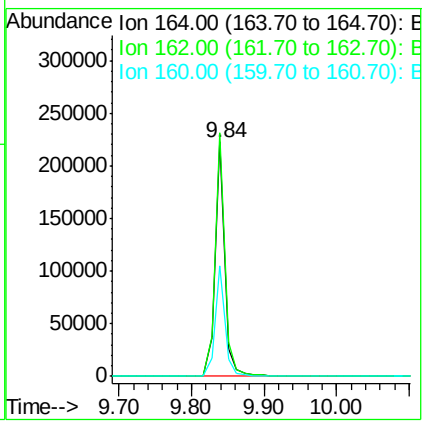


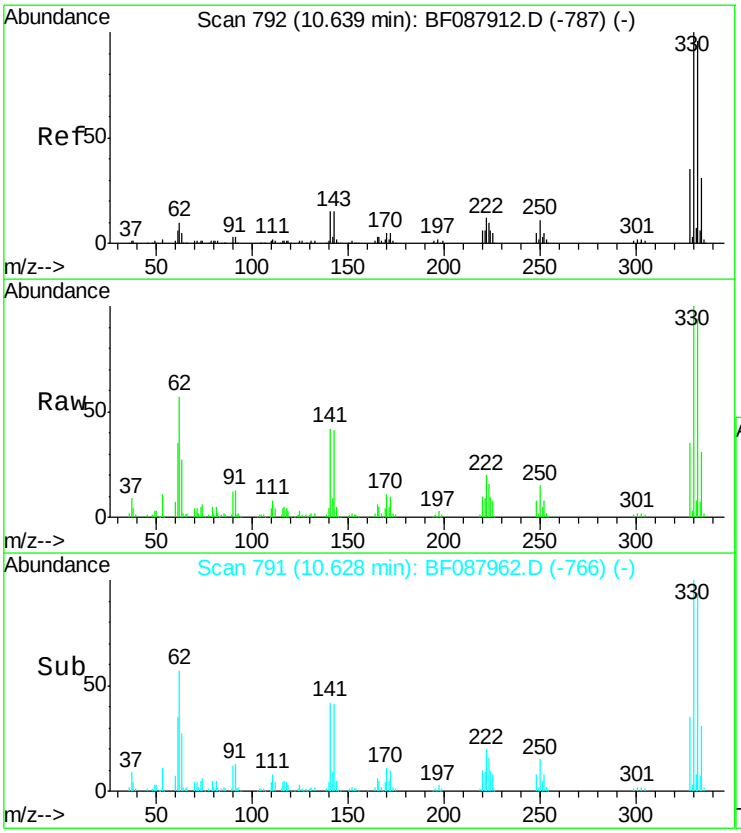
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:164 Resp: 207512

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.4	128.2
160	47.2	39.5	59.3

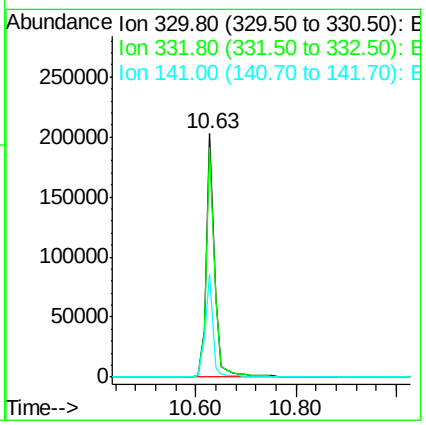


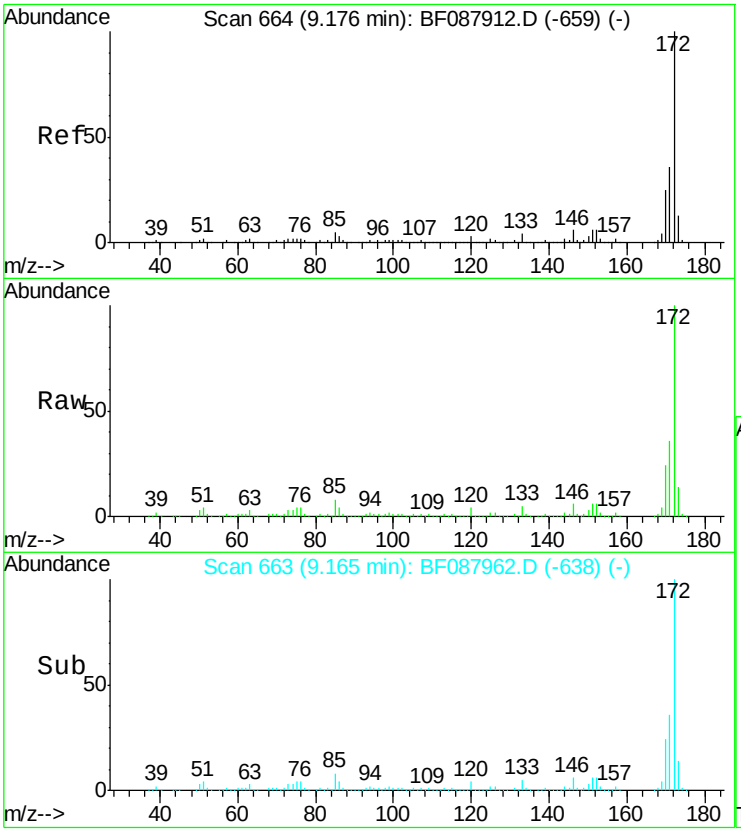


#41
2,4,6-Tribromophenol
Concen: 107.93 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:330 Resp: 236484

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	40.3	0.0	0.0#



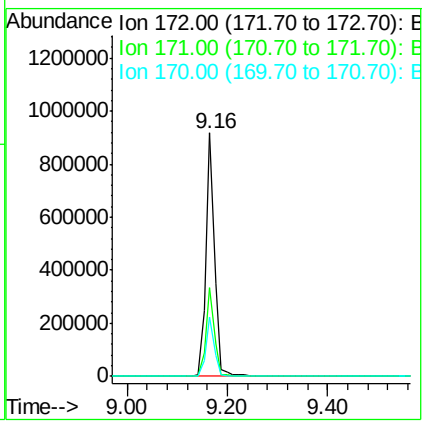


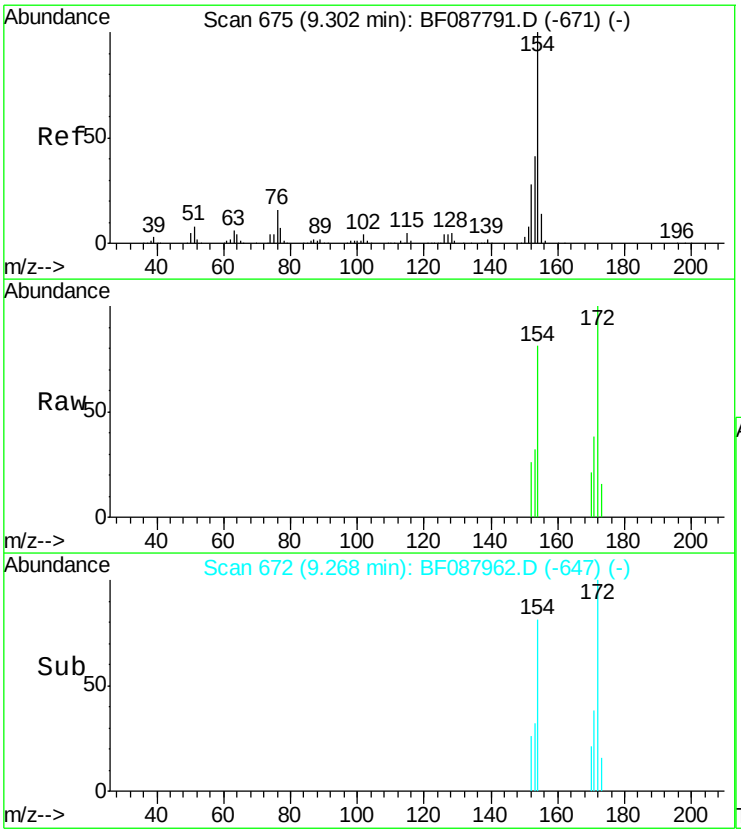
#44
2-Fluorobiphenyl
Concen: 82.74 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:172 Resp: 1094911

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.3	19.2	28.8

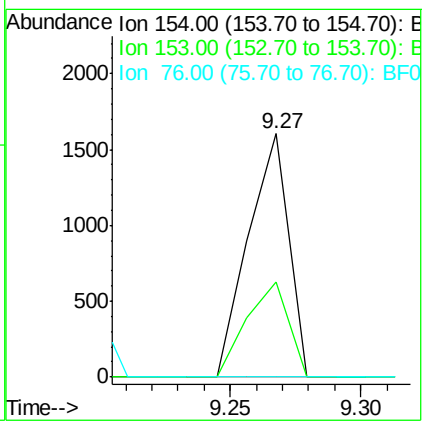


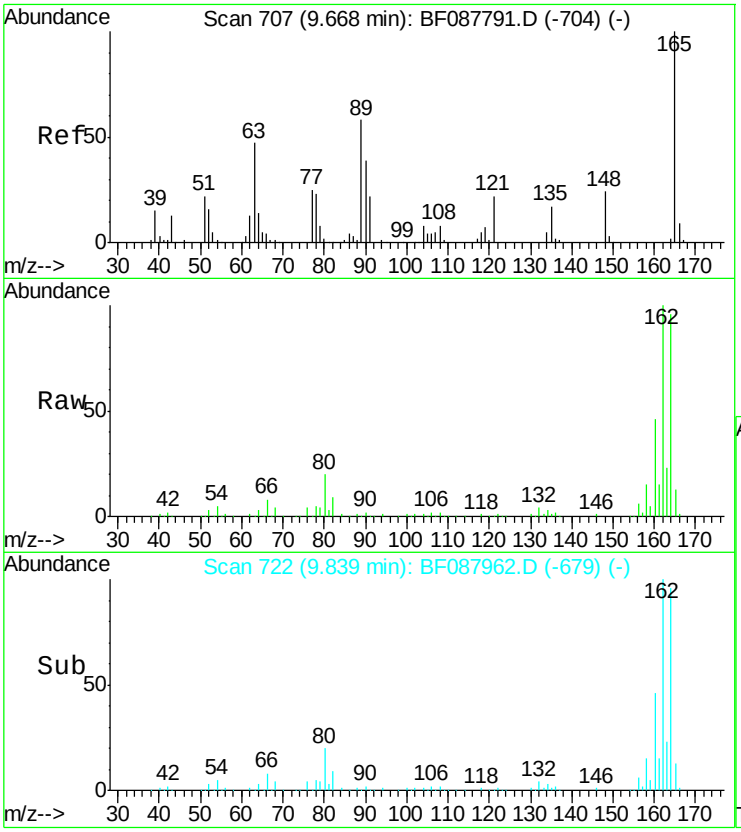


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:154 Resp: 1717

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.6	60.6
76	0.0	0.0	35.1



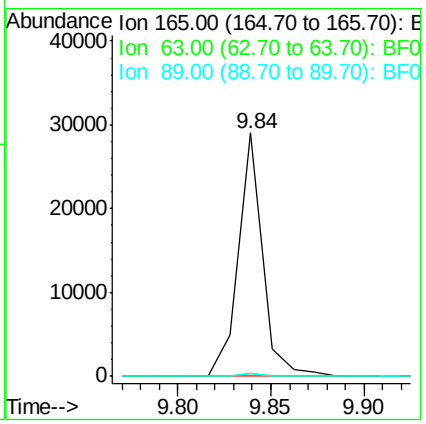


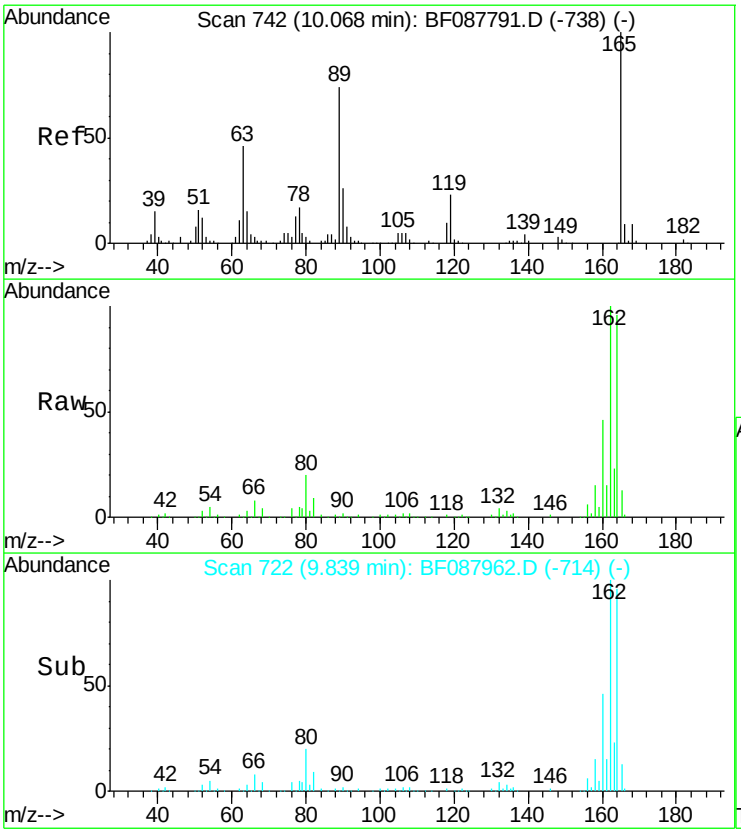
#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.19 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:165 Resp: 26395

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.4	32.2	48.2#

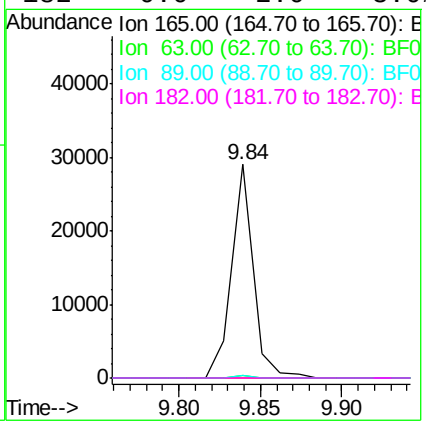


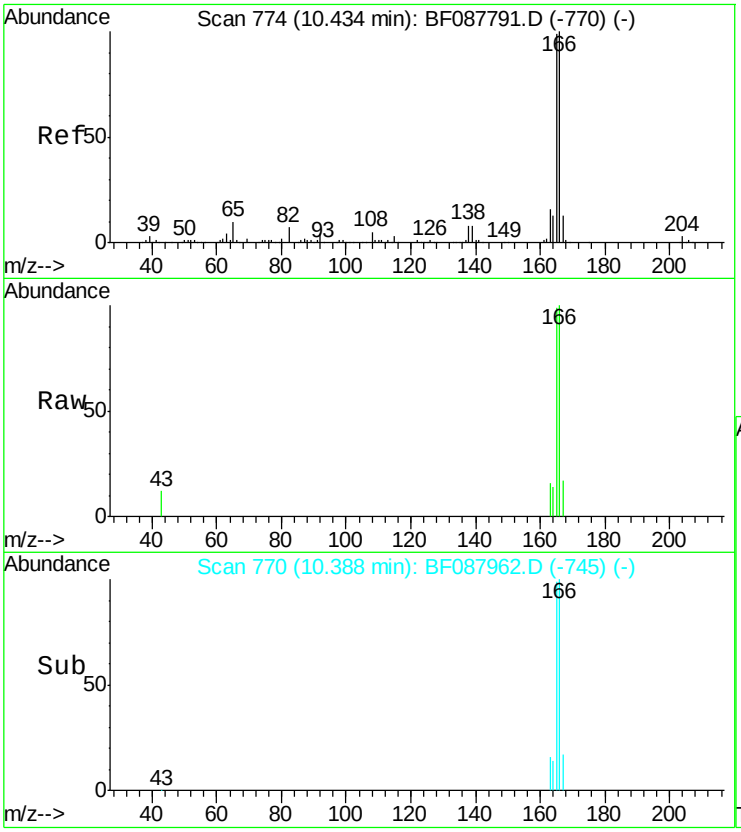


#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:165 Resp: 26397

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



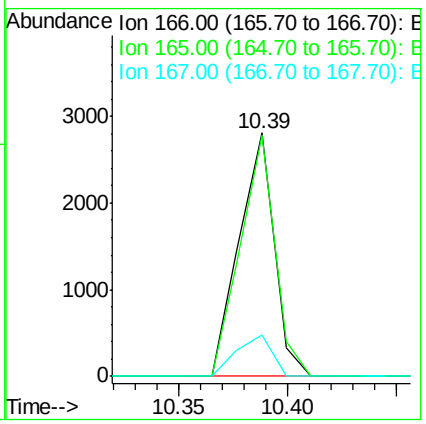


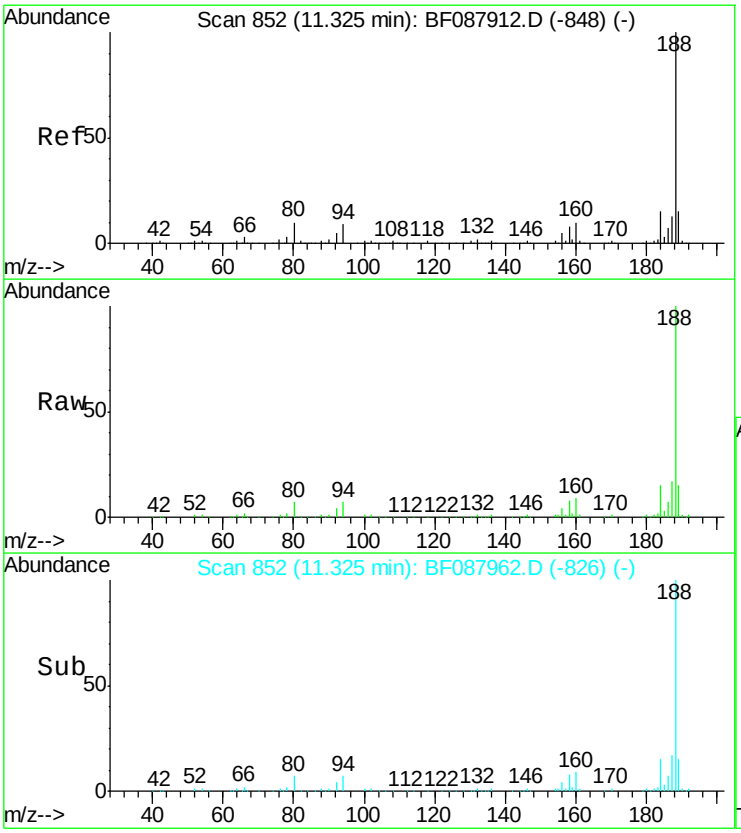
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:166 Resp: 3141

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.8
167	16.9	11.2	16.8#

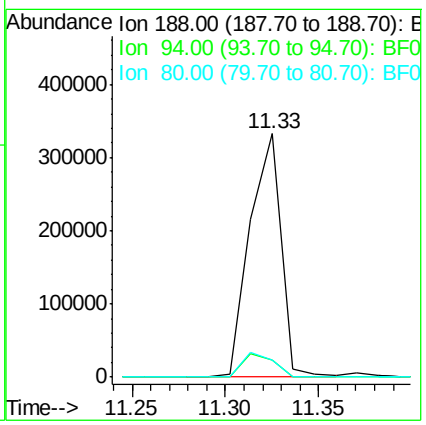


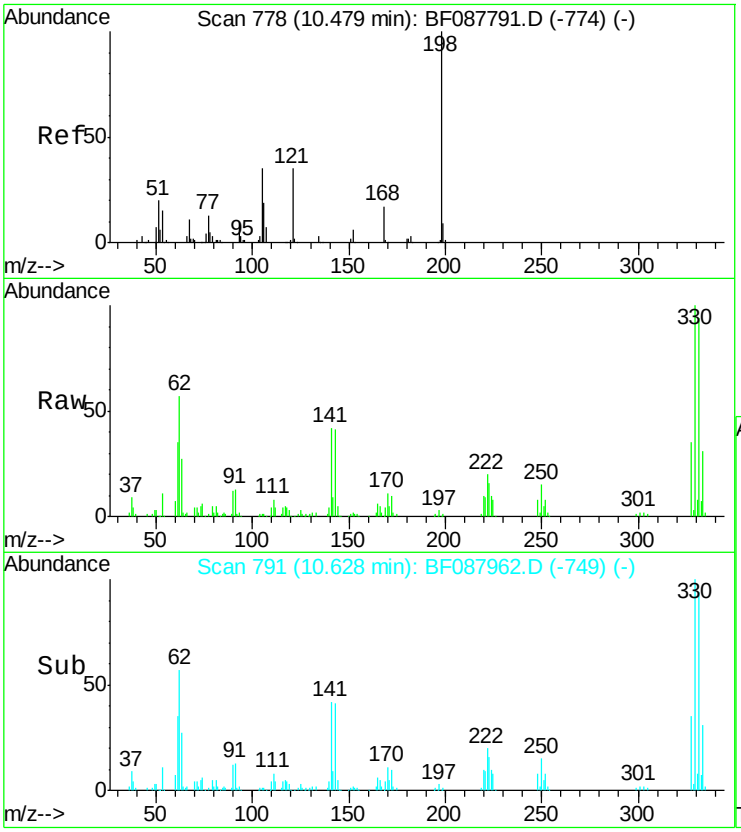


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:188 Resp: 390822

Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.6#
80	6.8	10.0	15.0#



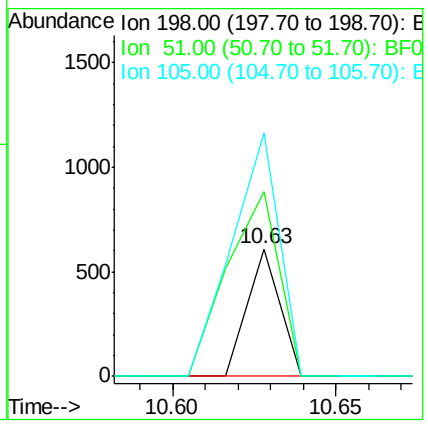


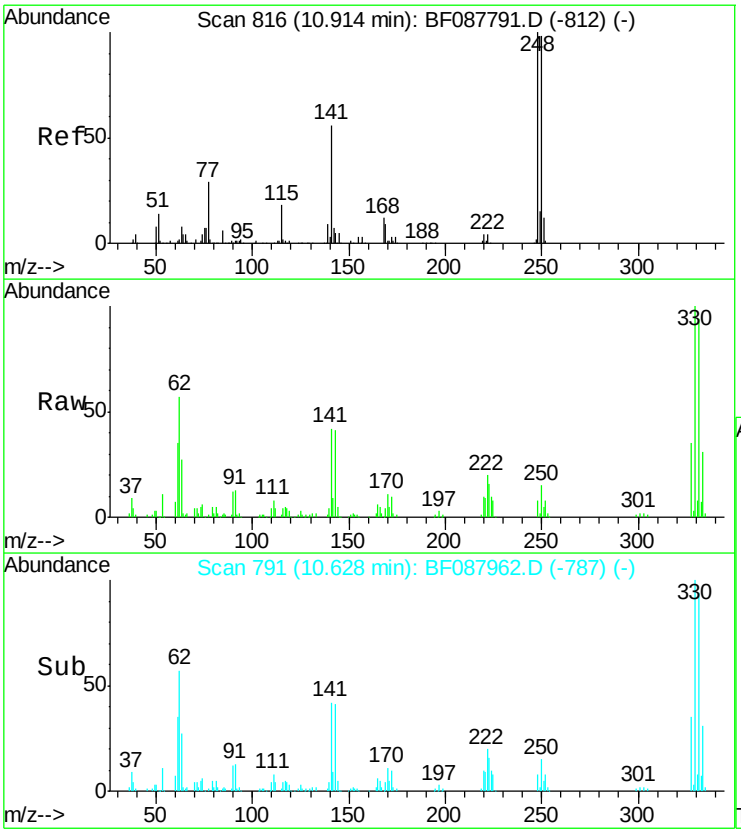
#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:198 Resp: 418

Ion	Ratio	Lower	Upper
198	100		
51	145.1	39.6	79.6#
105	190.8	36.6	76.6#

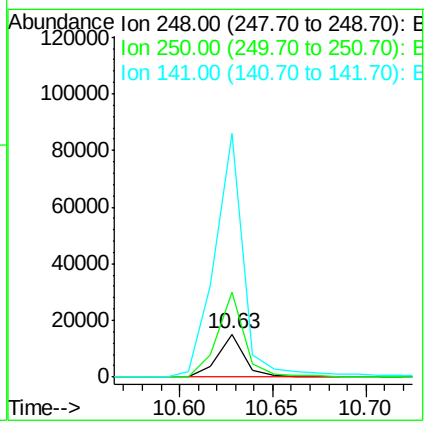


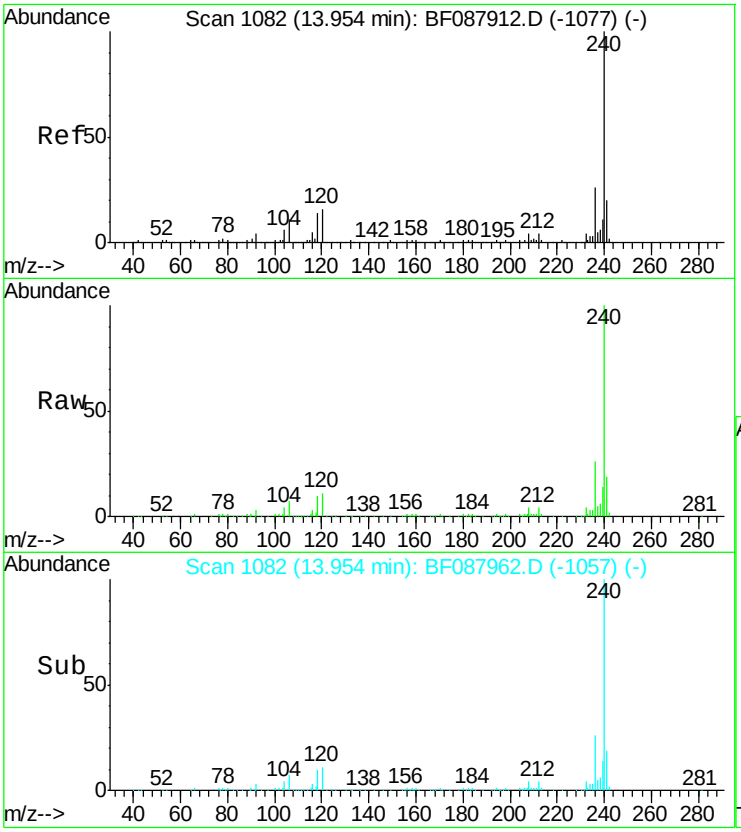


#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:248 Resp: 15188

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	564.7	50.6	76.0#



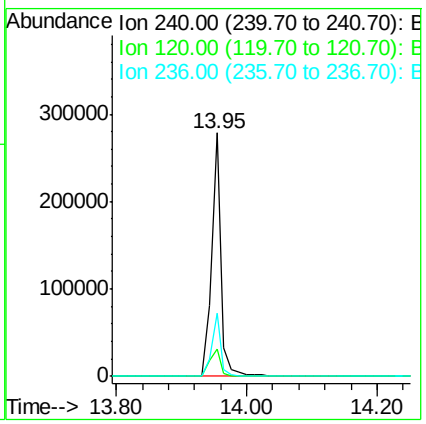


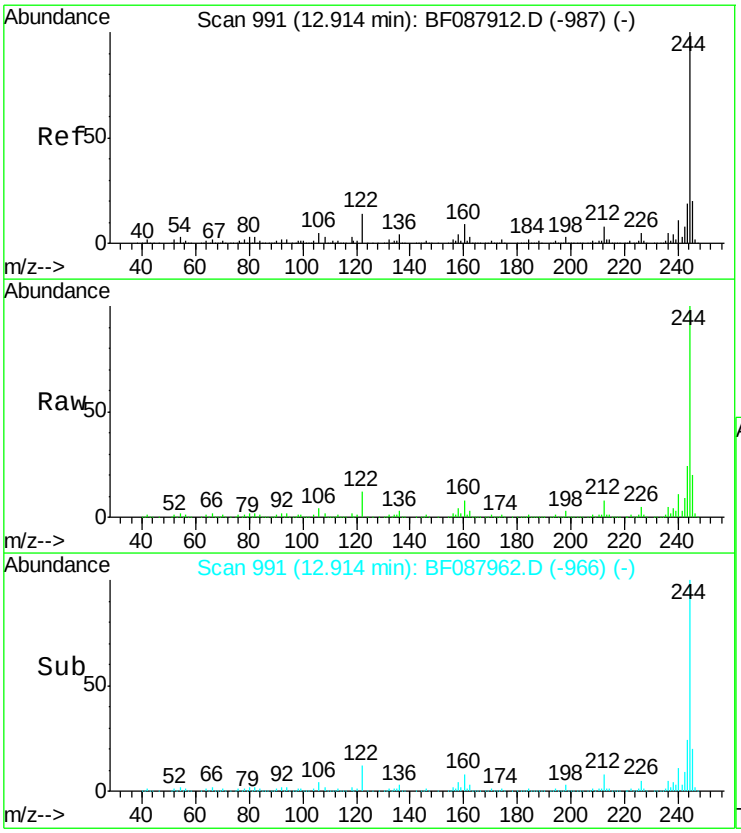
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:240 Resp: 284595

Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.8	10.2#
236	26.1	20.2	30.2

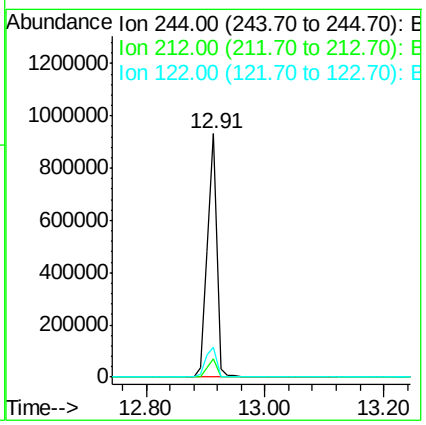


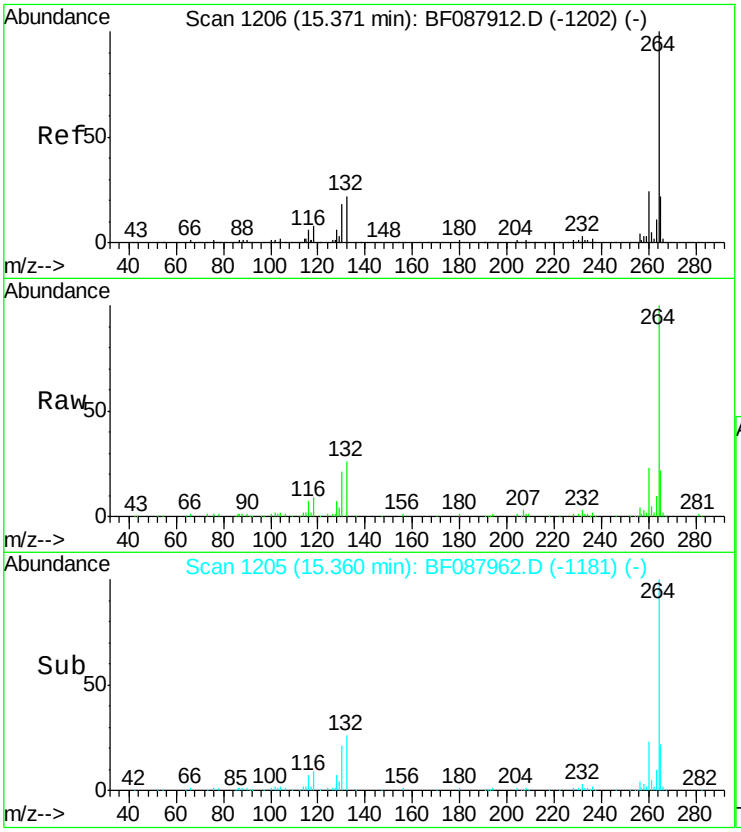


#78
Terphenyl-d14
Concen: 82.78 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Tgt Ion:244 Resp: 1035257

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF087962.D
Acq: 12 Jun 2016 21:58

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

Tgt Ion:264 Resp: 225737

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	16.9	25.3