Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087699.D
Acq On : 5 Jun 2016 10:11
Operator : UM/SJ
Sample : H3345-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-201605

Quant Time: Jun 06 01:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125039	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	523232	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	239910	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	468455	20.00	ng	0.00
75) Chrysene-d12	14.01	240	374449	20.00	ng	-0.01
86) Perylene-d12	15.44	264	278900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	446804	57.76	ng	0.00
7) Phenol-d6	6.48	99	388517	40.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	877891	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	324398	134.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1453651	97.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1144072	74.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	20553	3.13	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	119004	19.64	ng	# 73
31) Naphthalene	8.17	128	199195	7.83	ng	97
33) 4-Chloroaniline	8.17	127	25257	2.29	ng	# 36
50) 2,6-Dinitrotoluene	9.90	165	30572	7.70	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	30573	6.05	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	429	2.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	18128	3.90	ng	# 1

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

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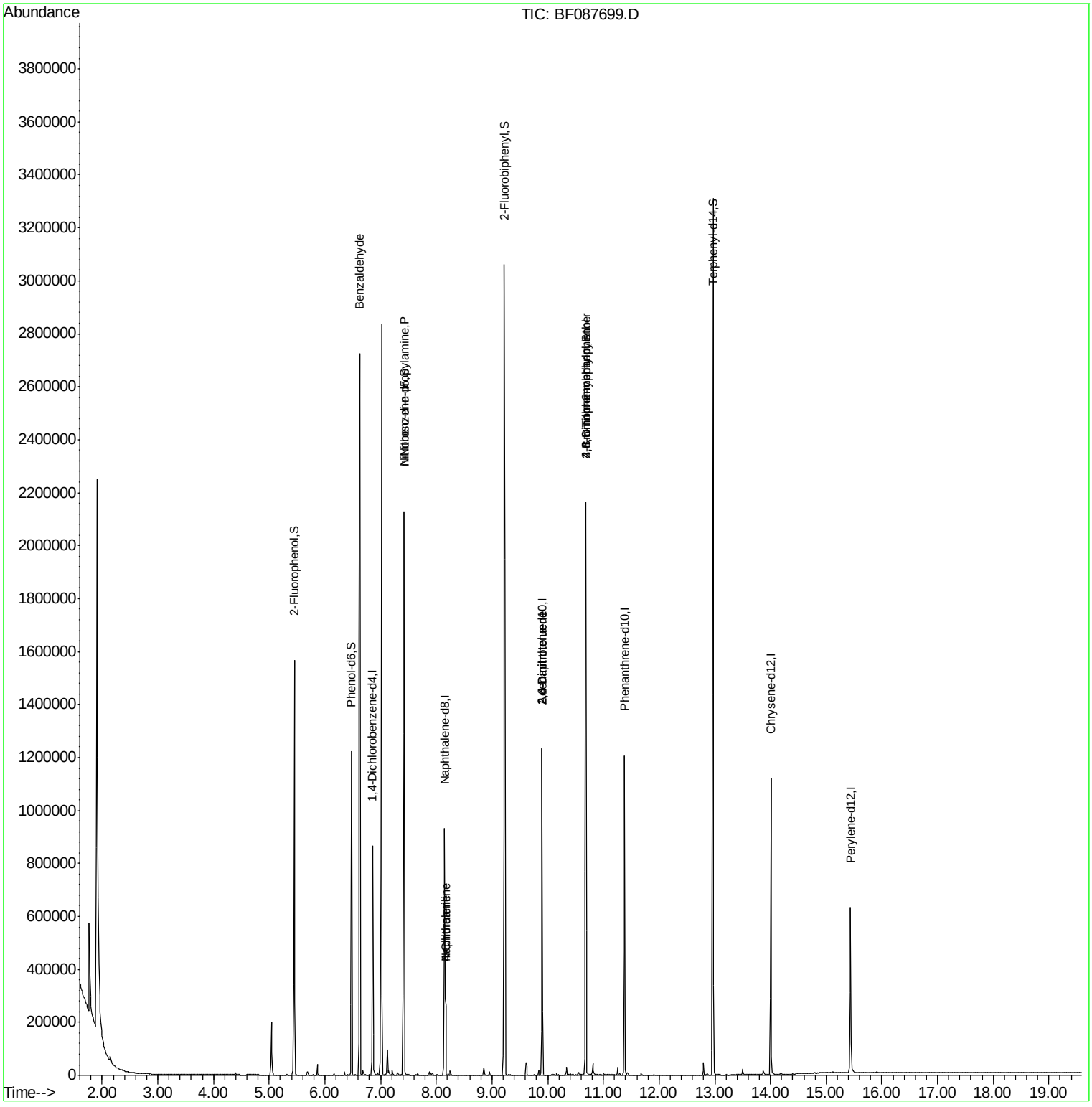
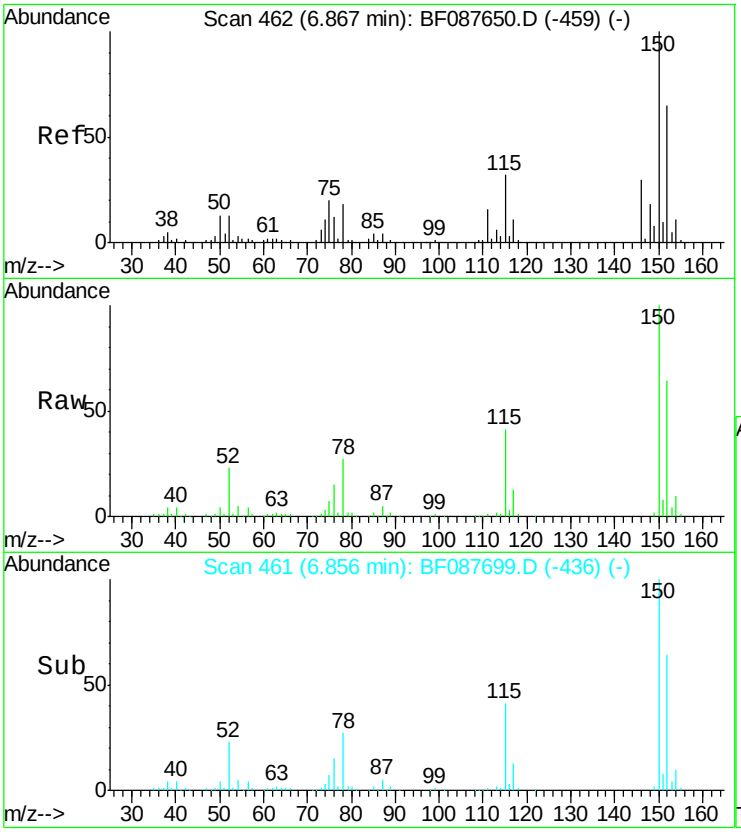


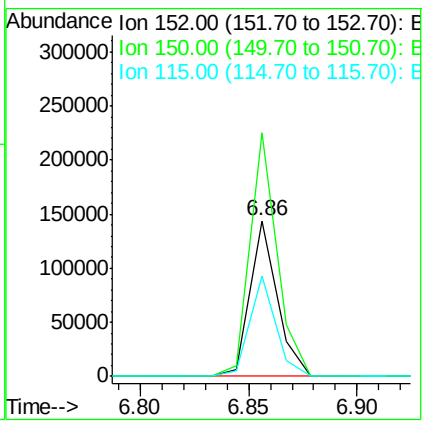


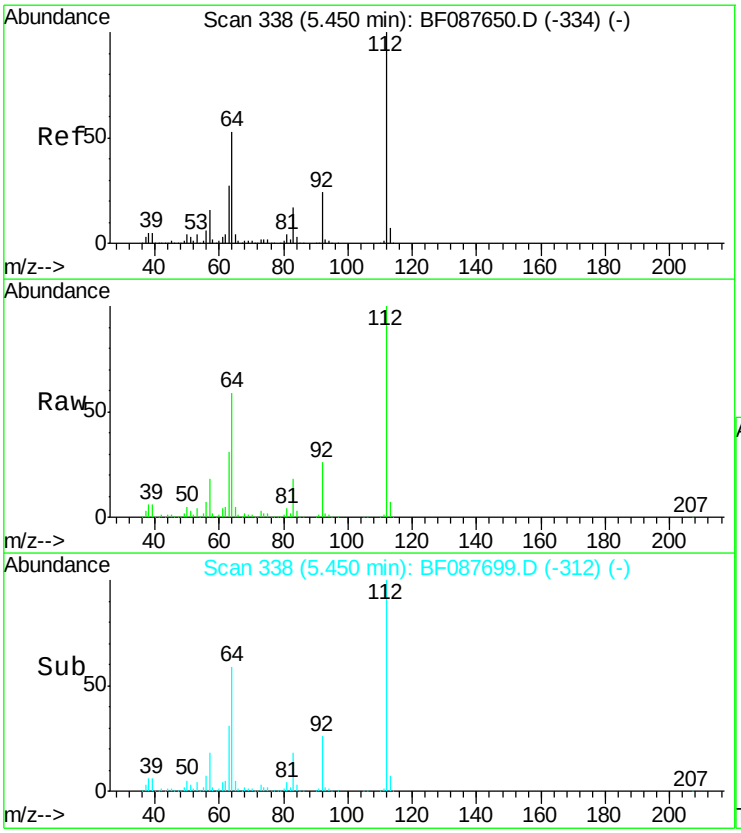
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:152 Resp: 125039

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	64.5	39.6	59.4#

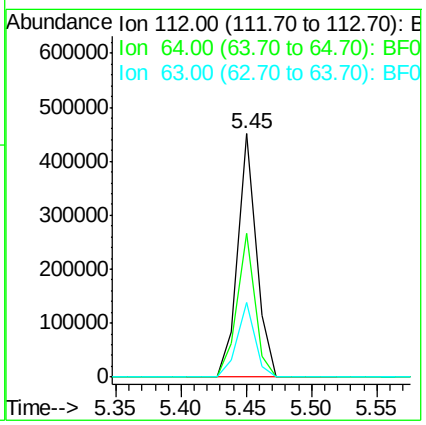


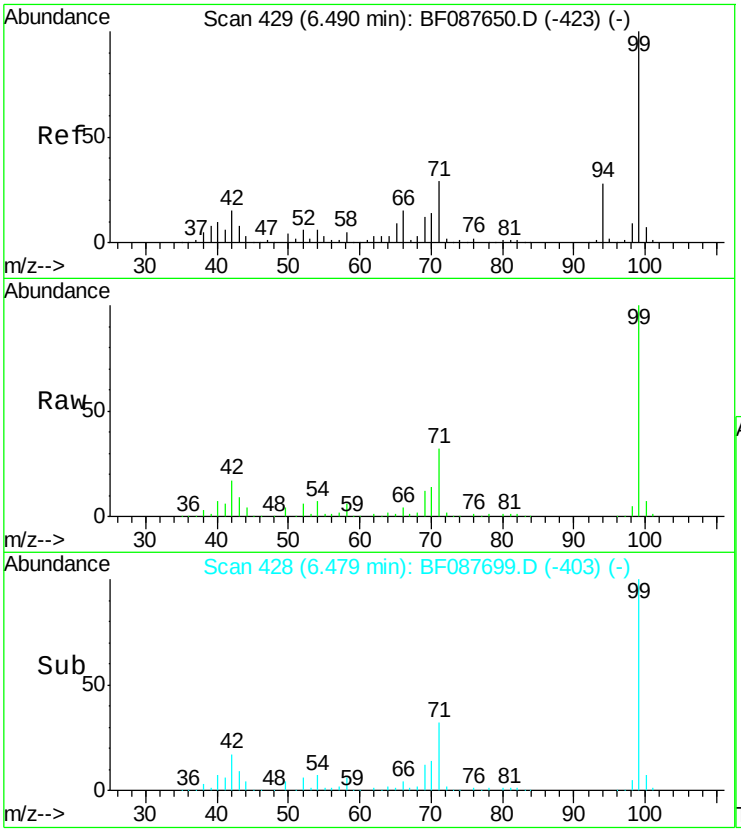


#5
2-Fluorophenol
Concen: 57.76 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:112 Resp: 446804

Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.2	63.2
63	30.6	21.8	32.8



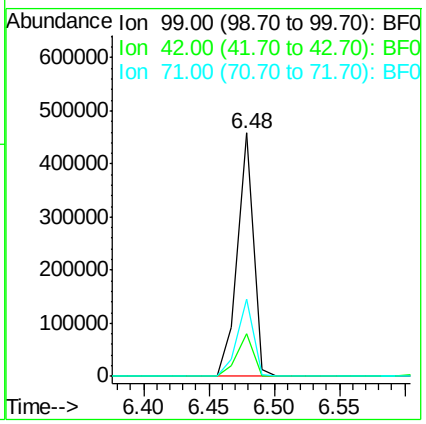


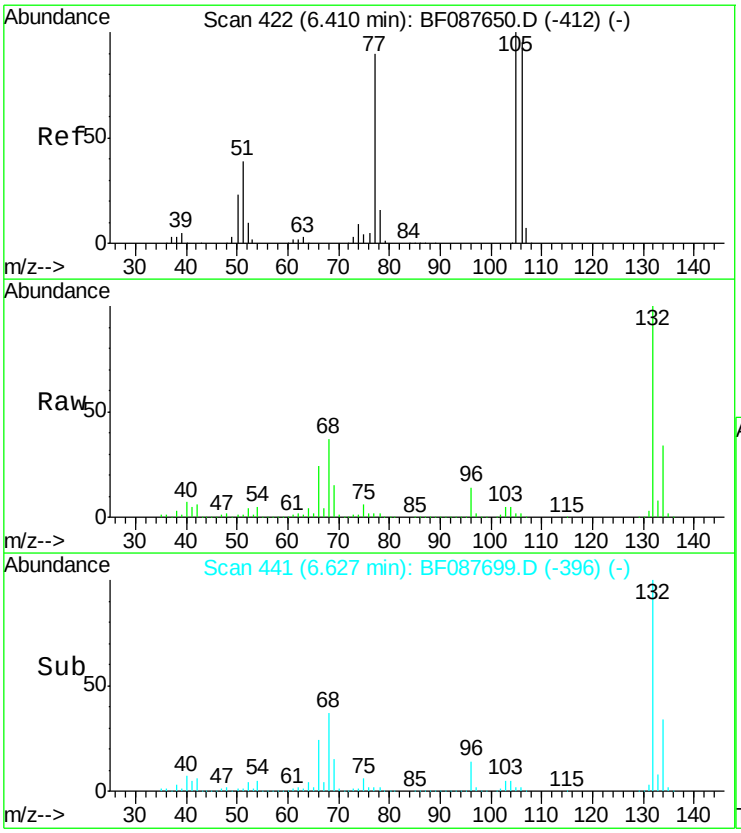
#7
Phenol-d6
Concen: 40.05 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion: 99 Resp: 388517

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	31.8	23.4	35.0

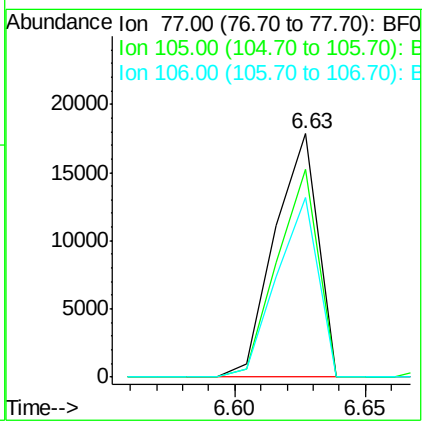


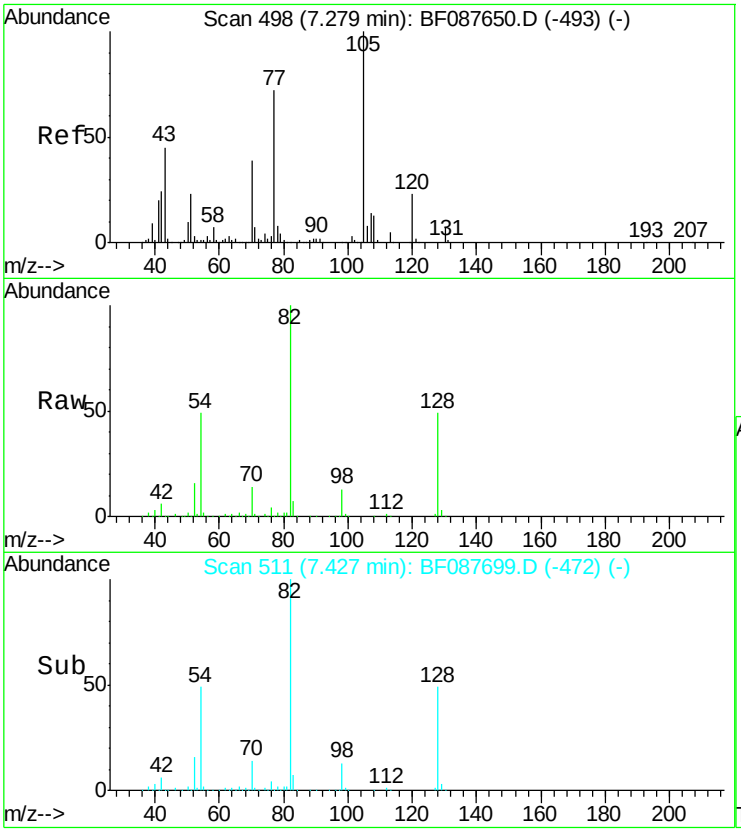


#9
Benzaldehyde
Concen: 3.13 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.22 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion: 77 Resp: 20553

Ion	Ratio	Lower	Upper
77	100		
105	85.4	90.6	130.6#
106	73.7	85.3	125.3#



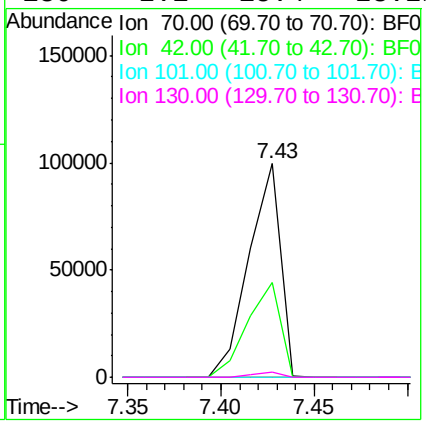


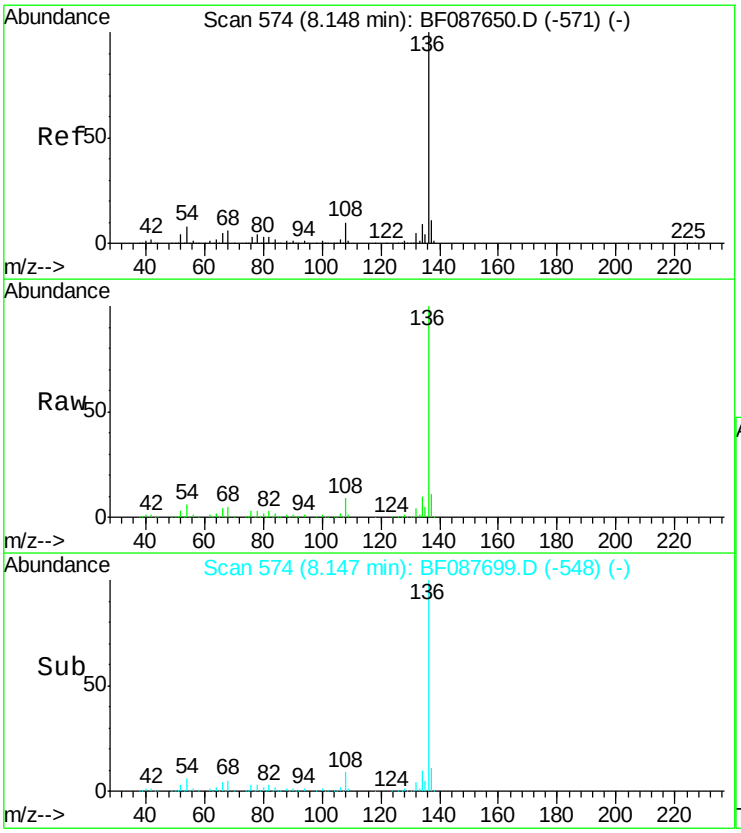
#19
n-Nitroso-di-n-propylamine
Concen: 19.64 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion: 70 Resp: 119004

Ion	Ratio	Lower	Upper
70	100		
42	44.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#

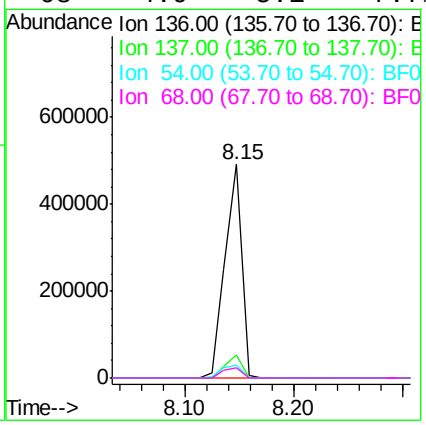


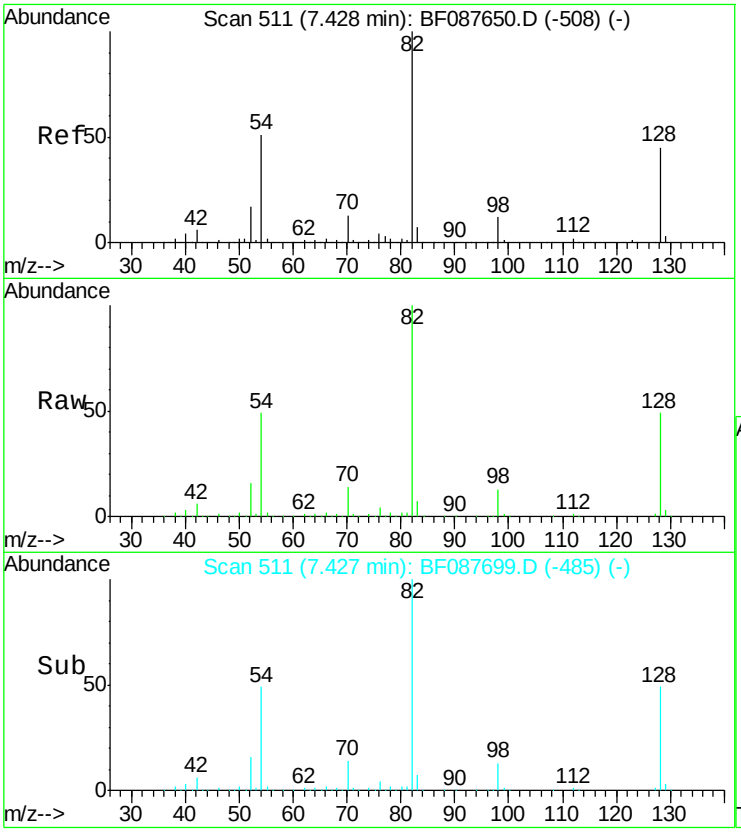


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:136 Resp: 523232

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.9	5.1	7.7#



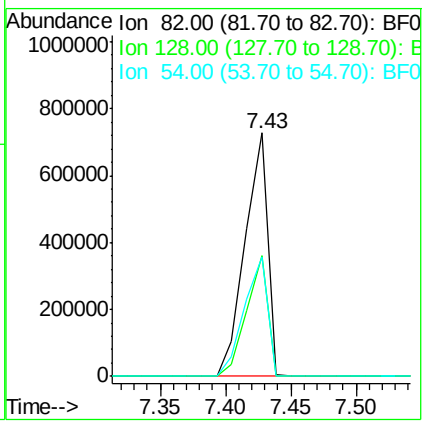


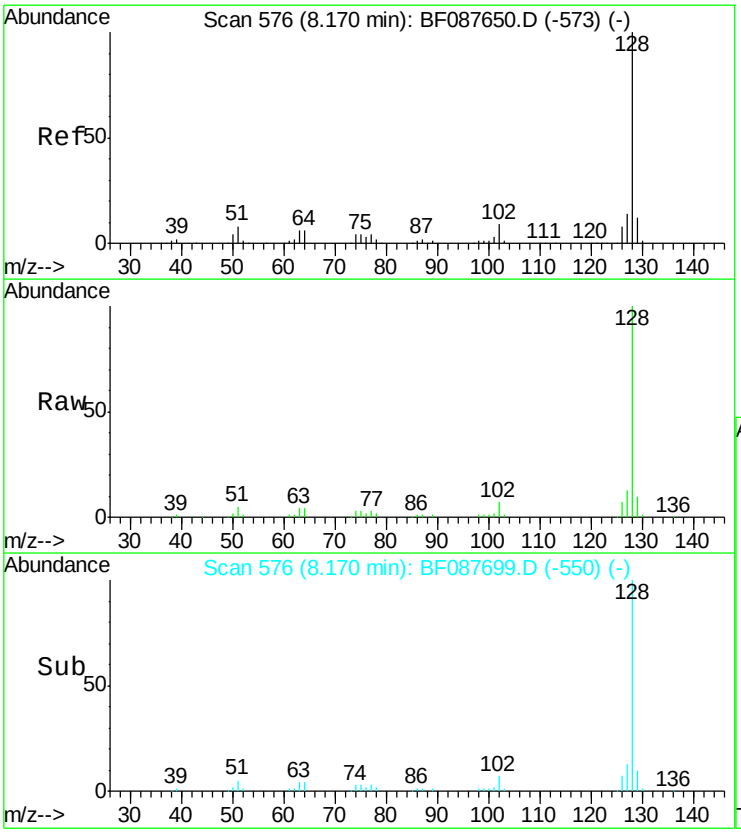
#23
Nitrobenzene-d5
Concen: 97.07 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion: 82 Resp: 877891

Ion	Ratio	Lower	Upper
82	100		
128	49.5	35.9	53.9
54	49.1	40.9	61.3

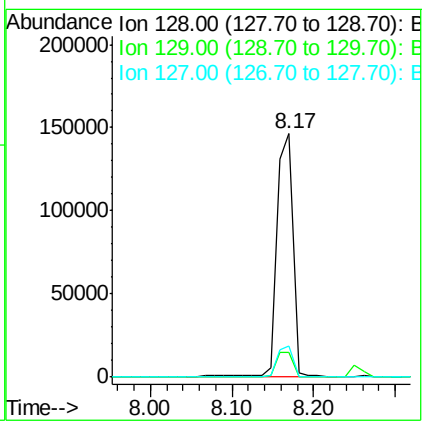


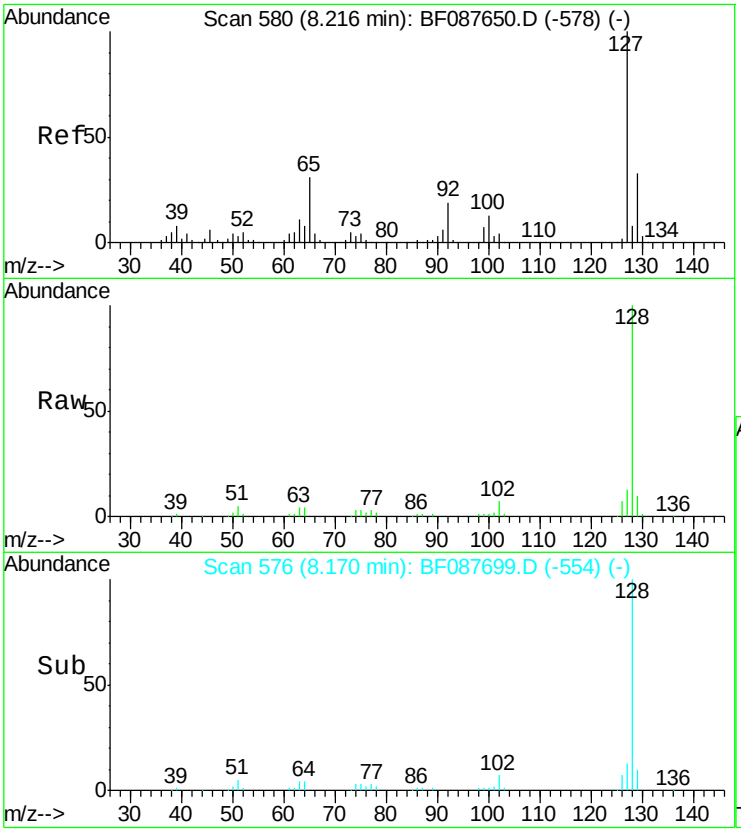


#31
Naphthalene
Concen: 7.83 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:128 Resp: 199195

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.2
127	12.9	10.9	16.3



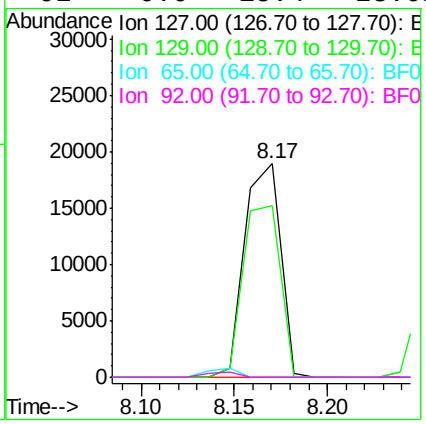


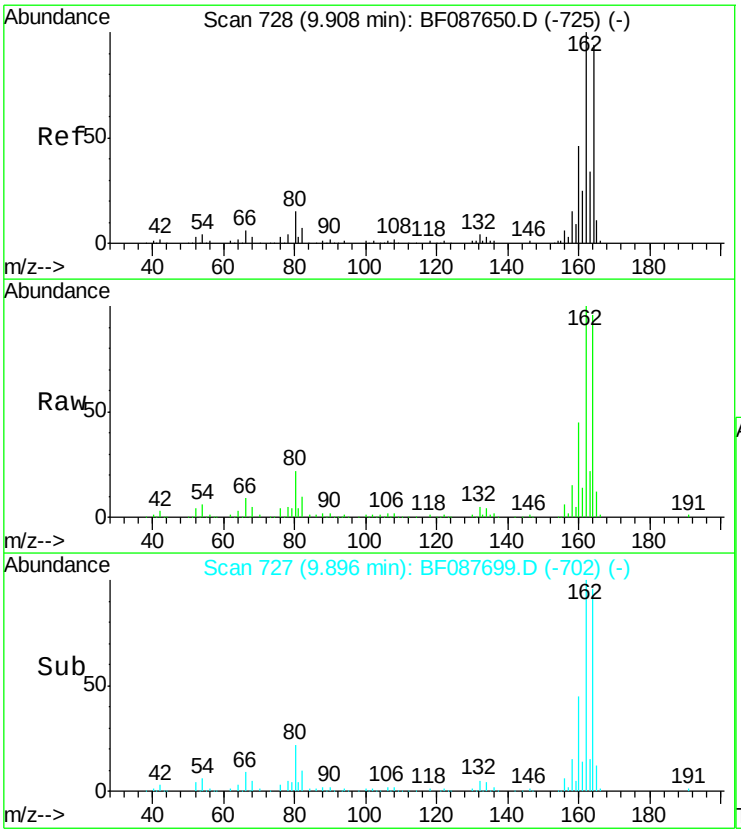
#33
4-Chloroaniline
Concen: 2.29 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.05 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:127 Resp: 25257

Ion	Ratio	Lower	Upper
127	100		
129	80.1	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

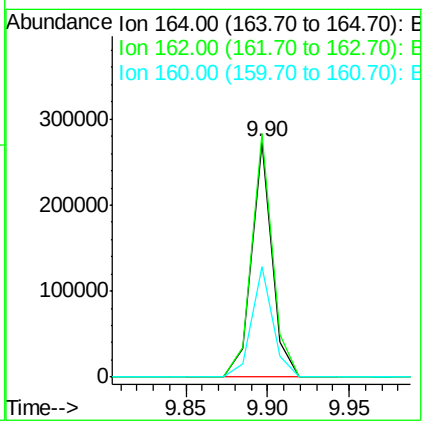


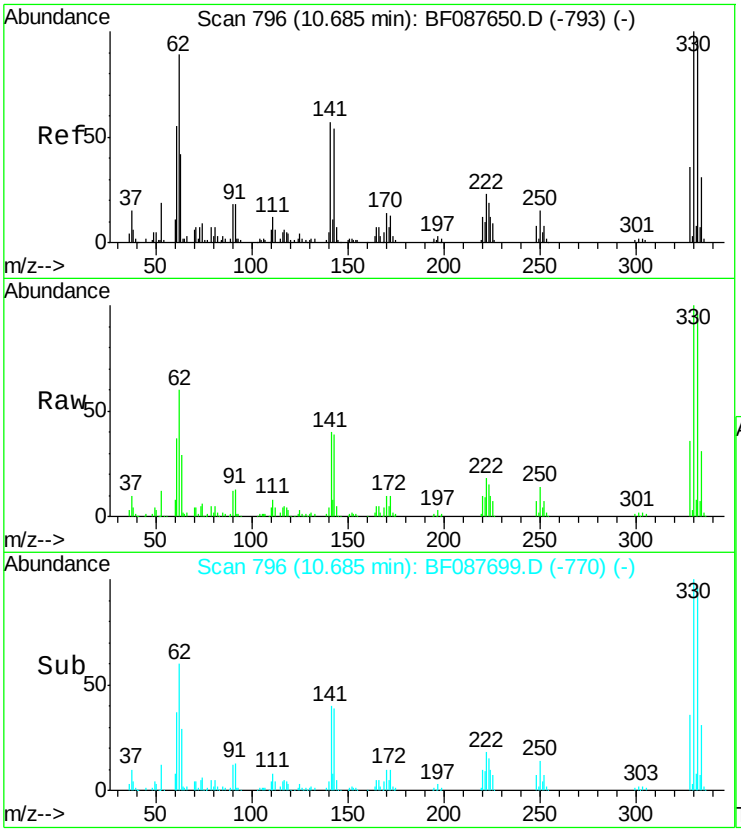


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:164 Resp: 239910

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	47.1	39.5	59.3



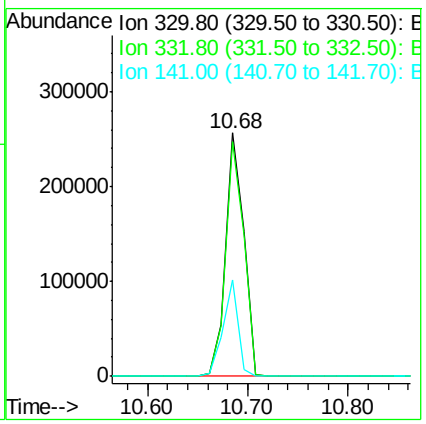


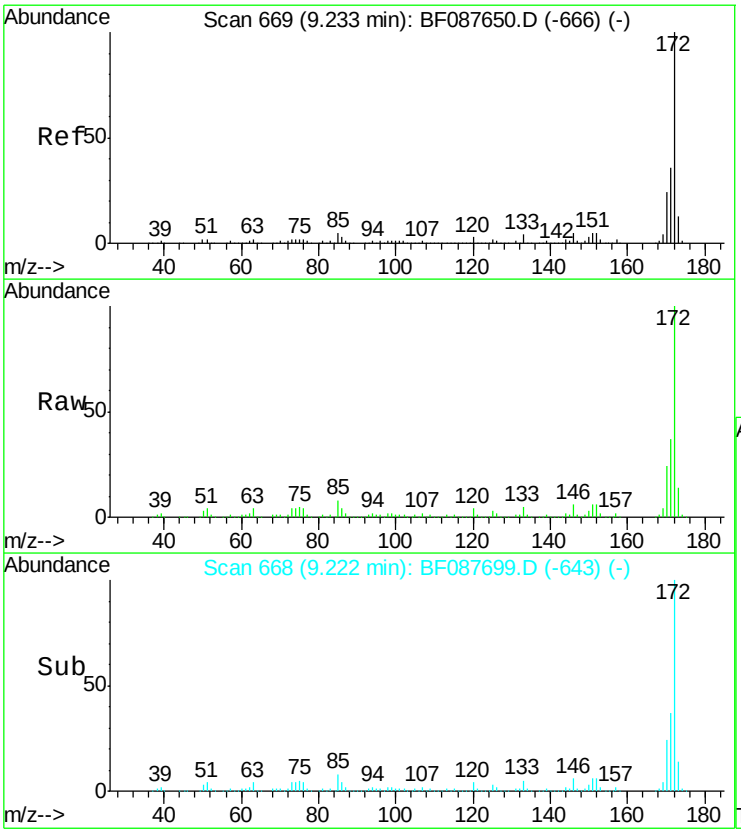
#41
2,4,6-Tribromophenol
Concen: 134.70 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:330 Resp: 324398

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	32.7	0.0	0.0#

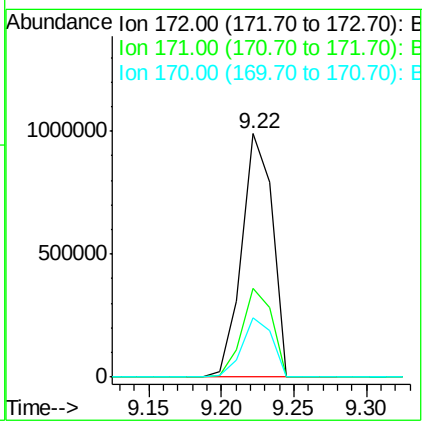


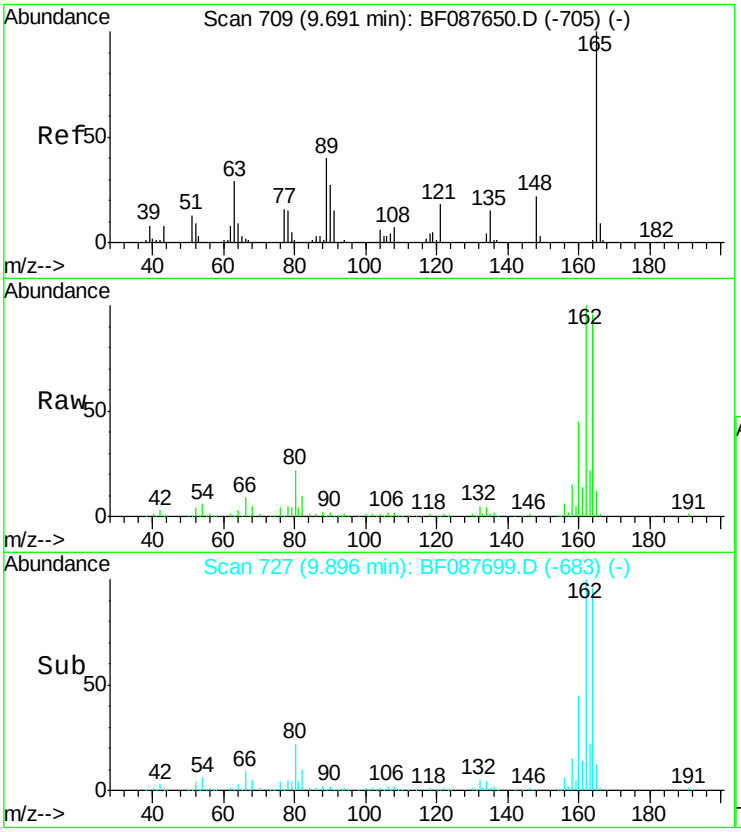


#44
2-Fluorobiphenyl
Concen: 97.80 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:172 Resp: 1453651

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8



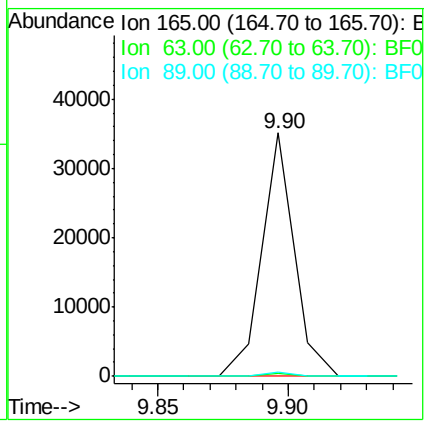


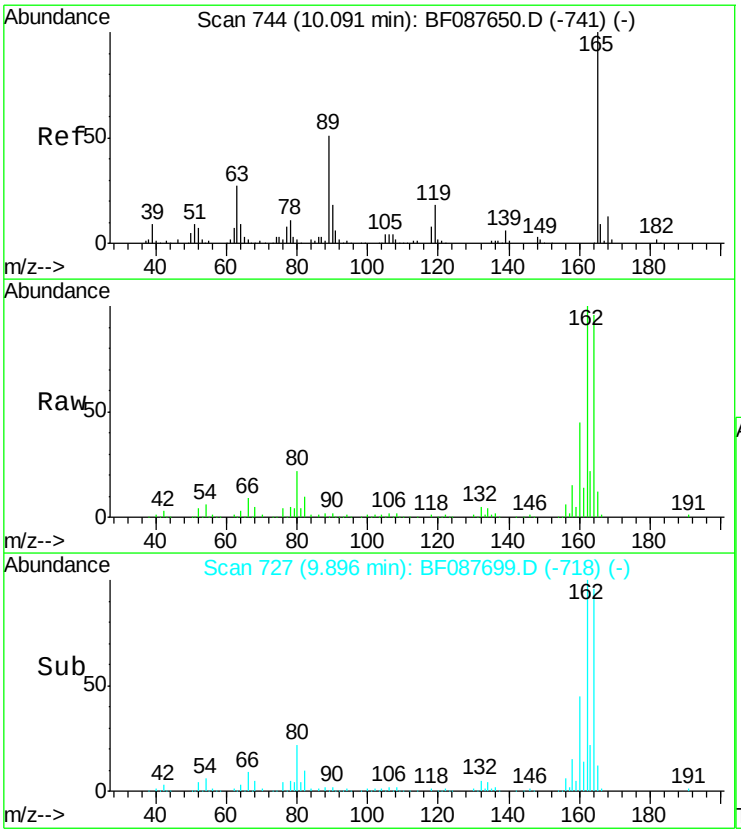
#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:165 Resp: 30572

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.1	42.1#
89	1.5	32.2	48.2#

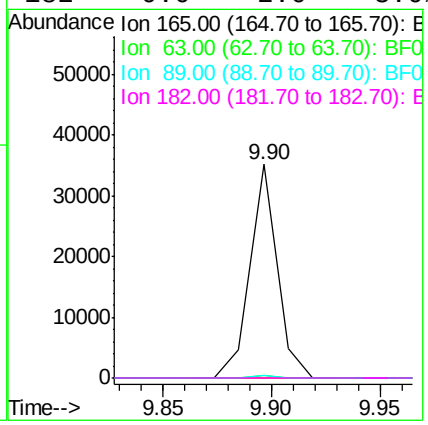


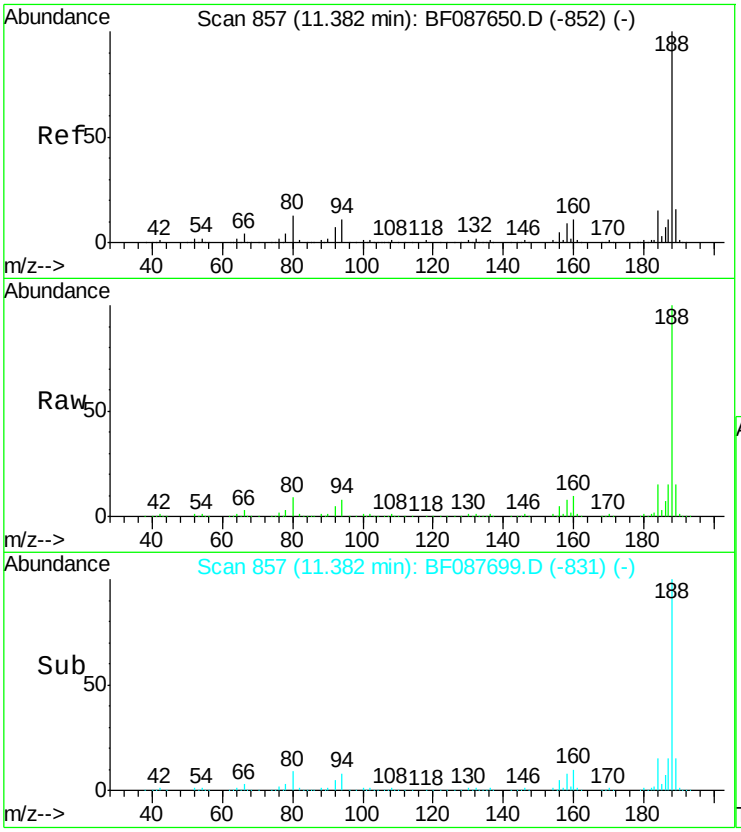


#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:165 Resp: 30573

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



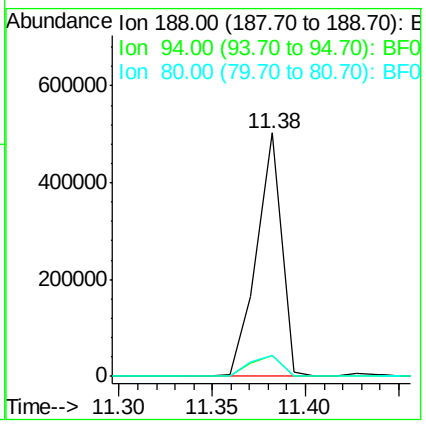


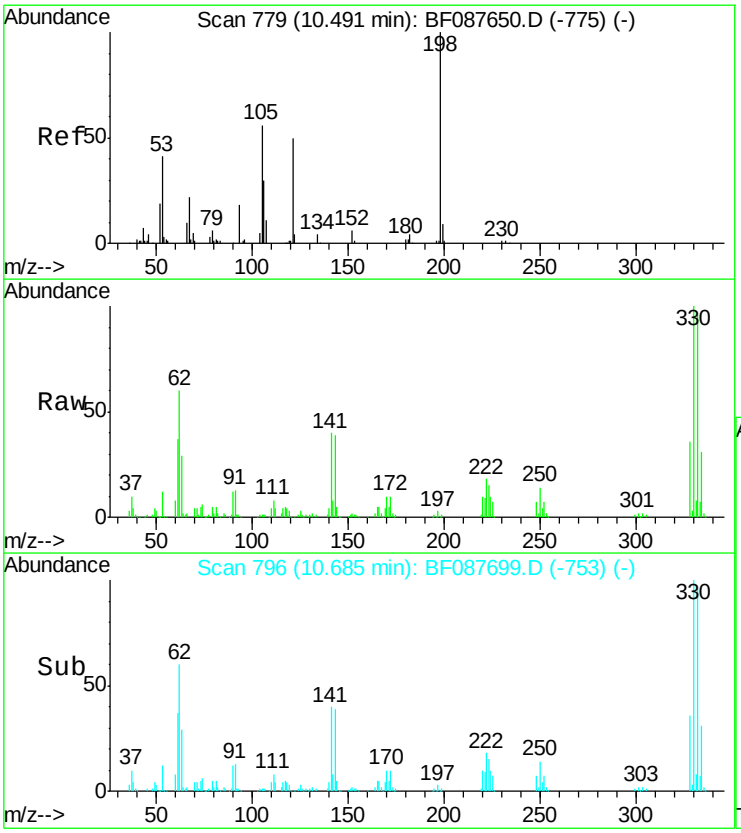
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:188 Resp: 468455

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.6#
80	8.7	10.0	15.0#

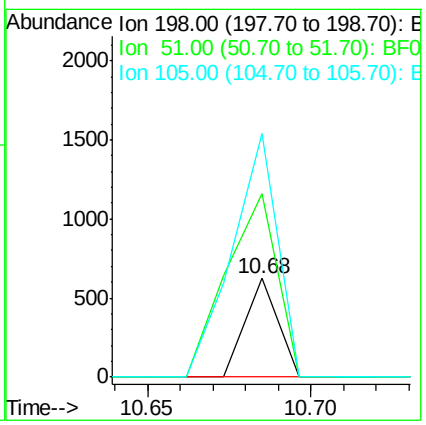


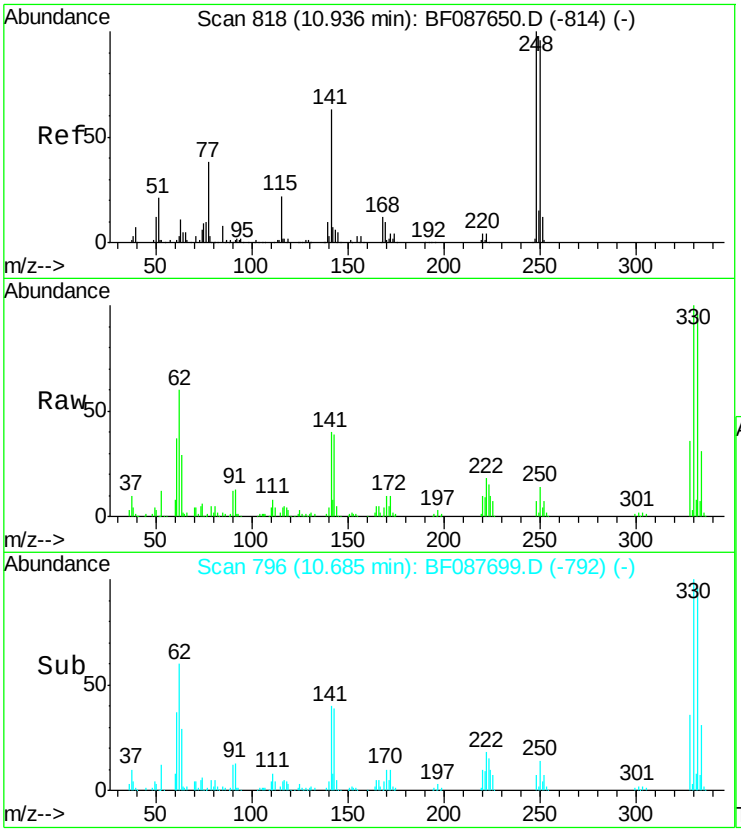


#64
4,6-Dinitro-2-methylphenol
Concen: 2.17 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
51	185.1	39.6	79.6#
105	246.2	36.6	76.6#



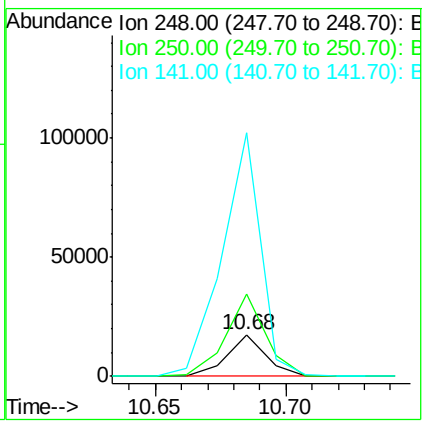


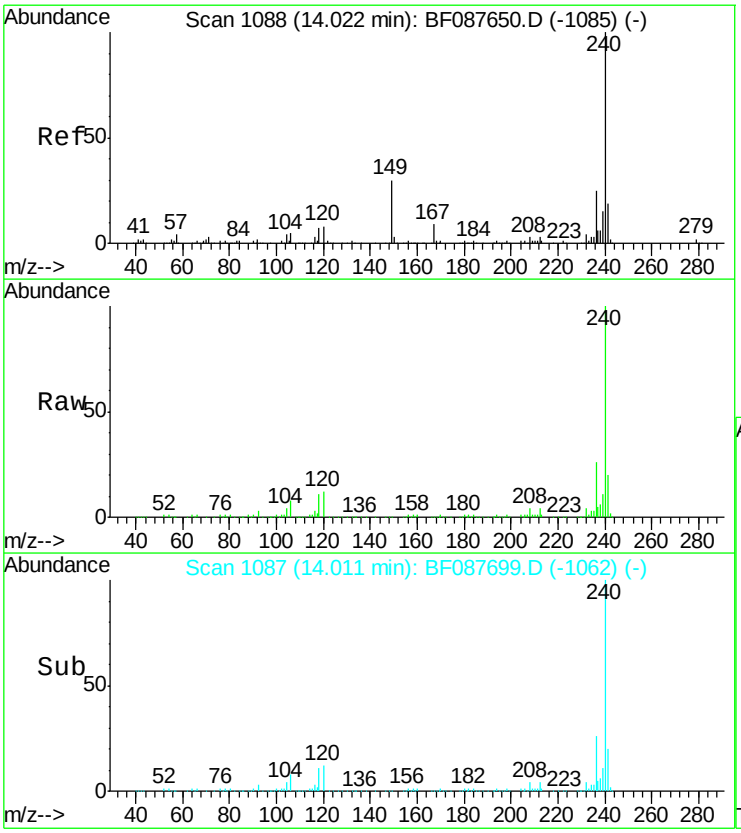
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:248 Resp: 18128

Ion	Ratio	Lower	Upper
248	100		
250	198.8	77.1	115.7#
141	585.6	50.6	76.0#

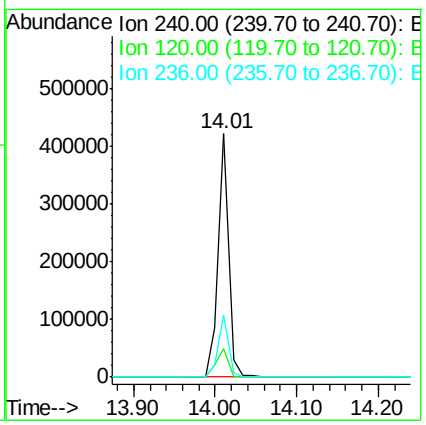


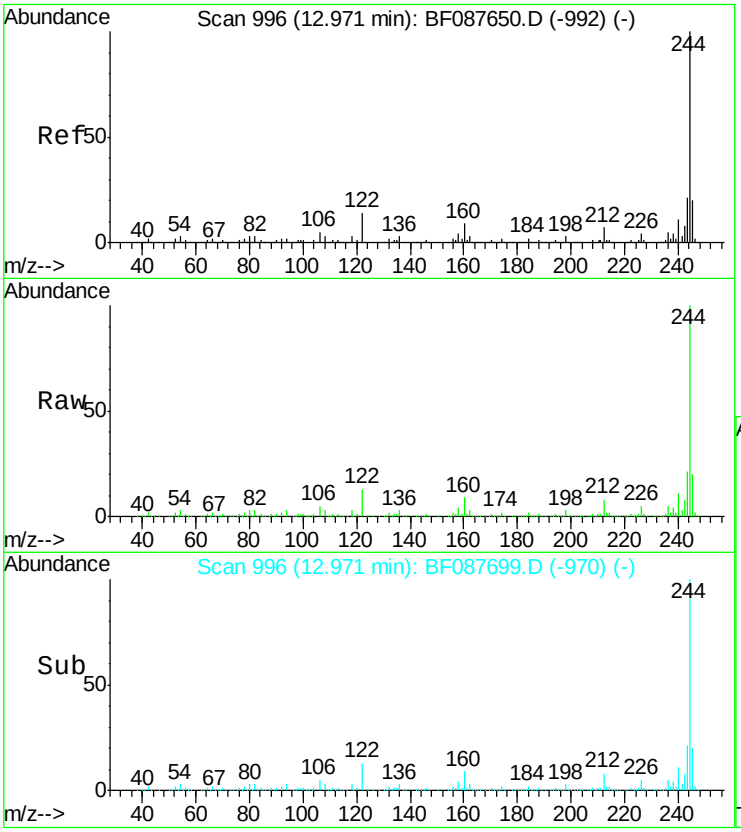


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:240 Resp: 374449

Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.8	10.2#
236	25.5	20.2	30.2



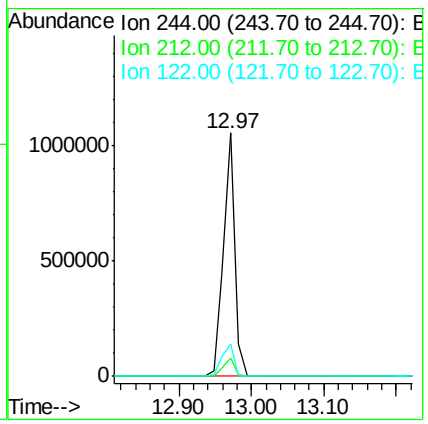


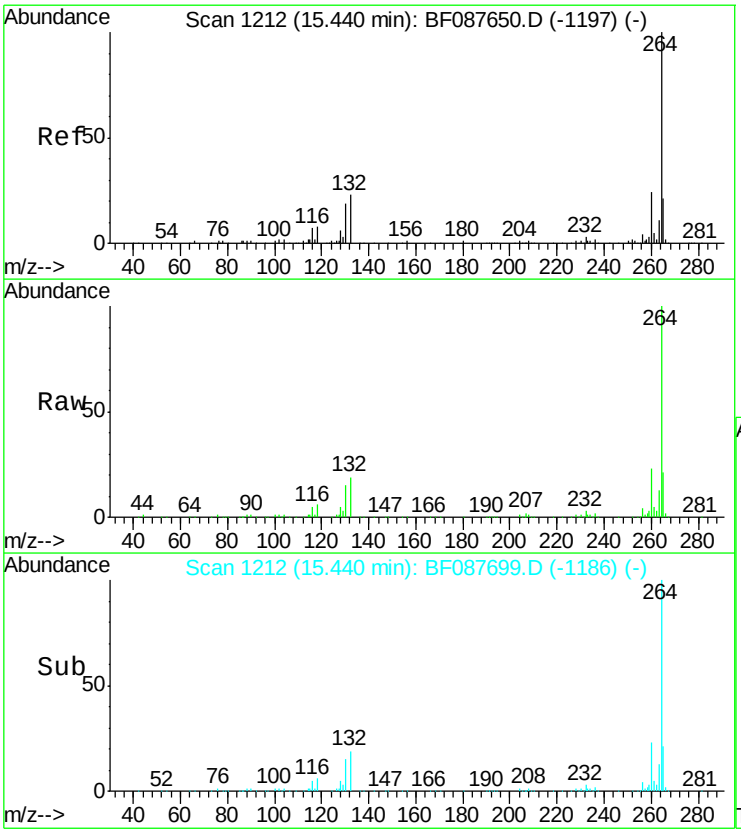
#78
Terphenyl-d14
Concen: 74.55 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:244 Resp: 1144072

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.4	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:264 Resp: 278900

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	16.9	25.3