Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087703.D
Acq On : 5 Jun 2016 12:12
Operator : UM/SJ
Sample : H3385-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0980

Quant Time: Jun 06 01:19:59 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	116886	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	487160	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	220203	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	428078	20.00	ng	0.00
75) Chrysene-d12	14.01	240	339056	20.00	ng	-0.01
86) Perylene-d12	15.44	264	254334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	378926	52.40	ng	0.00
7) Phenol-d6	6.48	99	293733	32.39	ng	-0.01
23) Nitrobenzene-d5	7.43	82	824523	97.92	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	326004	147.49	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1420553	109.12	ng	-0.01
78) Terphenyl-d14	12.97	244	1058881	76.21	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	6.88	146	89029	9.99	ng	# 94
13) 1,4-Dichlorobenzene	6.88	146	89029	9.96	ng	96
14) 1,2-Dichlorobenzene	6.88	146	89029	10.62	ng	99
19) n-Nitroso-di-n-propylamine	7.43	70	113945	20.12	ng	# 74
31) Naphthalene	8.17	128	89172	3.76	ng	99
50) 2,6-Dinitrotoluene	9.90	165	29377	8.07	ng	# 40
52) 3-Nitroaniline	9.60	138	11863	2.85	ng	# 1
56) 2,4-Dinitrotoluene	9.90	165	29608	6.38	ng	# 39
59) Diethylphthalate	10.32	149	62031	3.86	ng	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	455	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17908	4.22	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087703.D
Acq On : 5 Jun 2016 12:12
Operator : UM/SJ
Sample : H3385-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Quant Time: Jun 06 01:19:59 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
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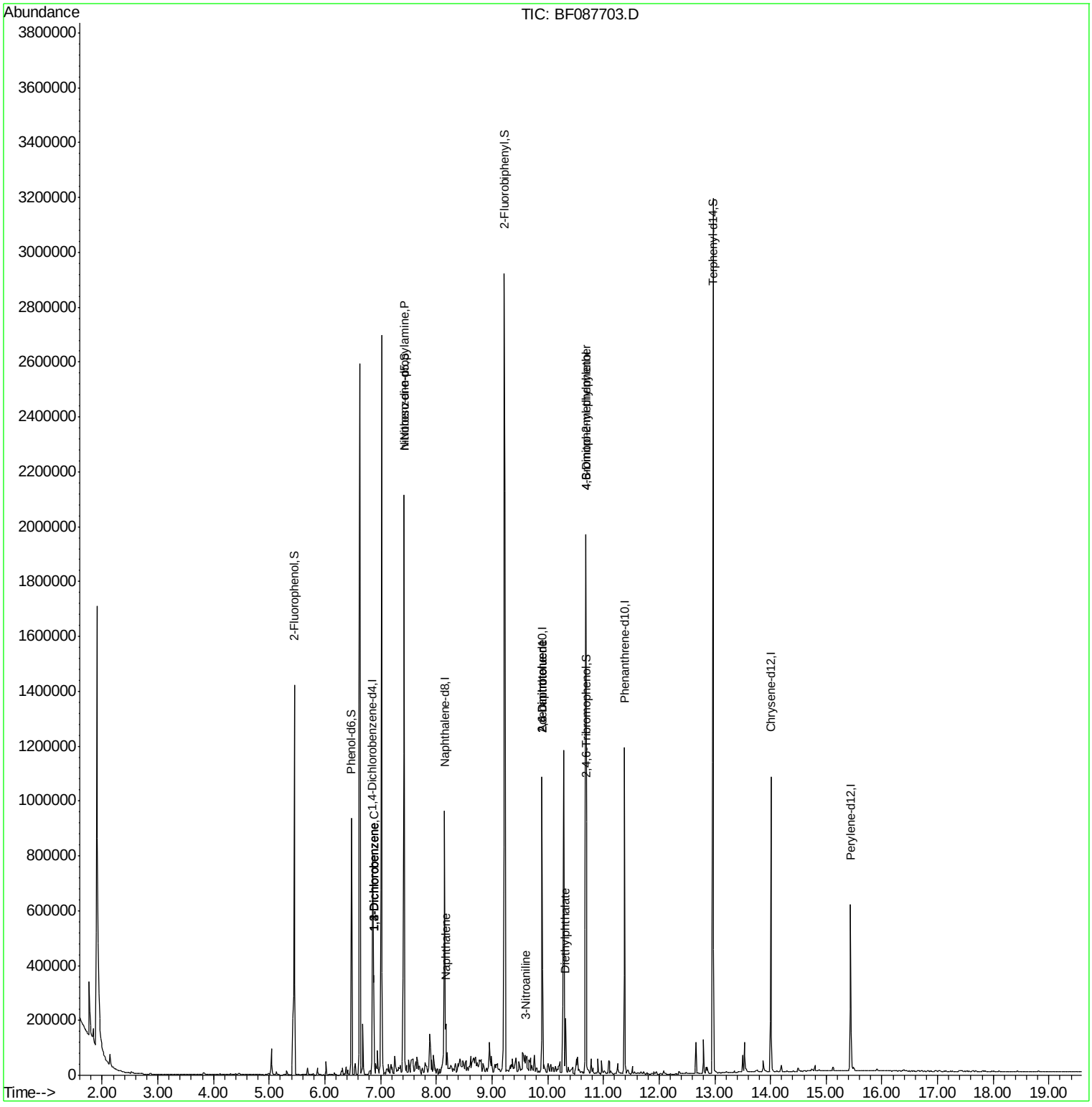
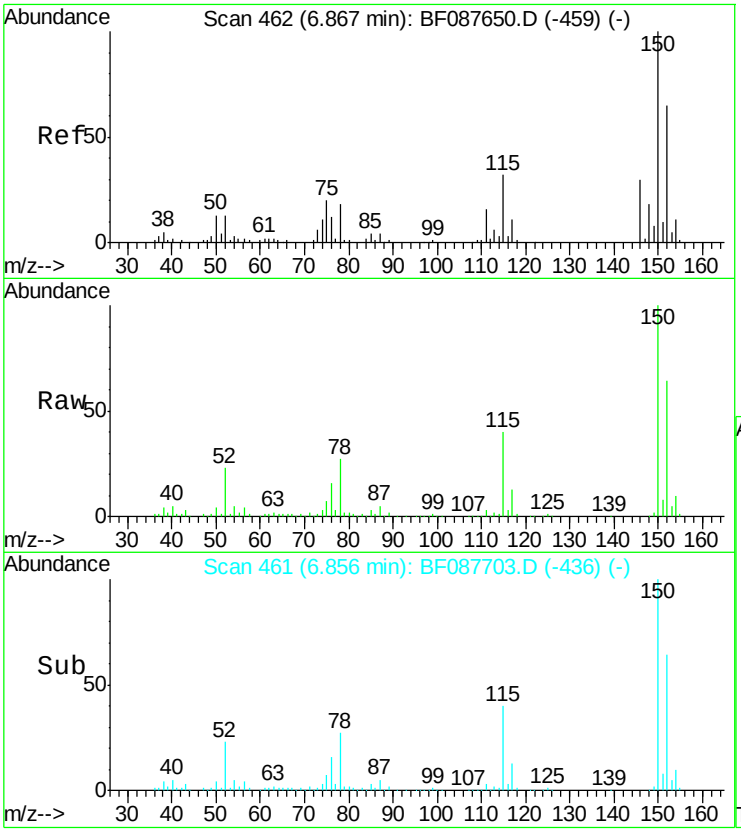


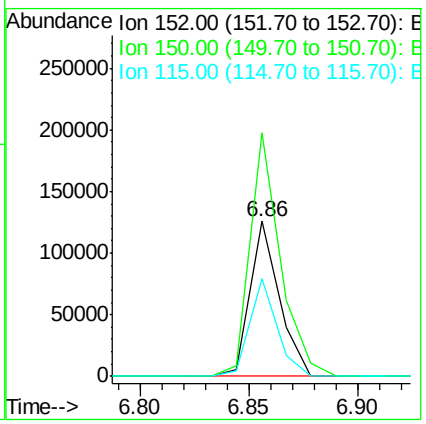


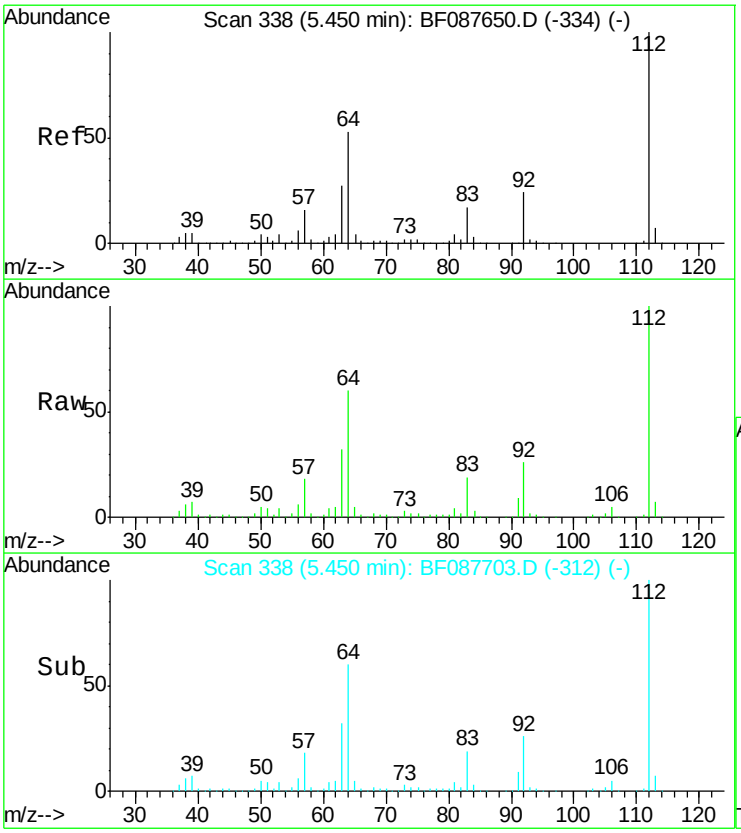
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:152 Resp: 116886

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.6
115	63.3	39.6	59.4#

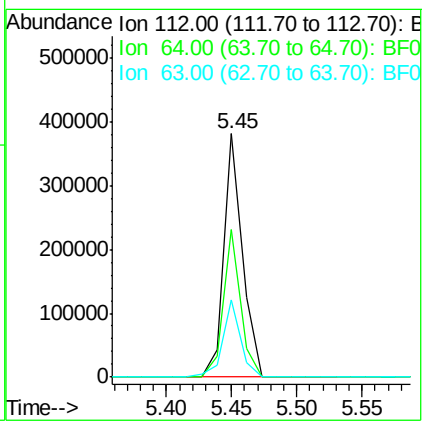


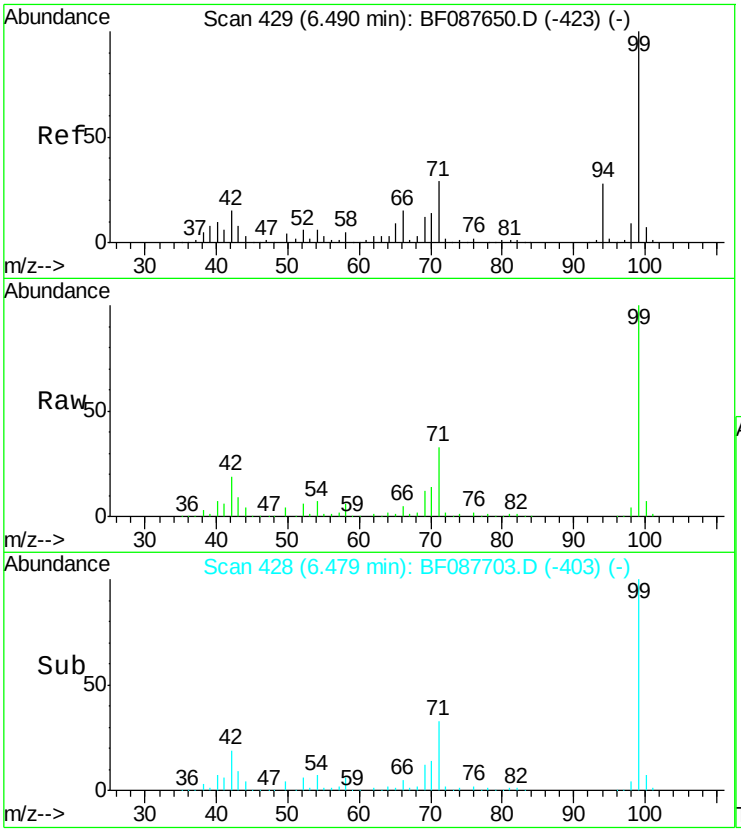


#5
2-Fluorophenol
Concen: 52.40 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:112 Resp: 378926

Ion	Ratio	Lower	Upper
112	100		
64	60.4	42.2	63.2
63	31.7	21.8	32.8



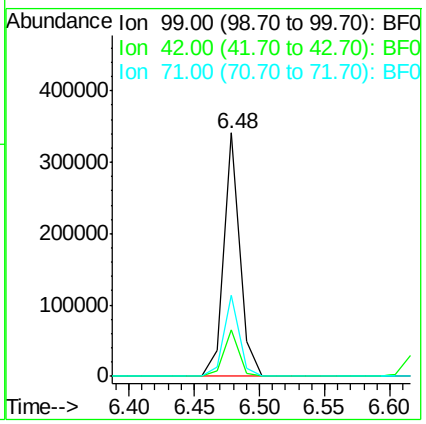


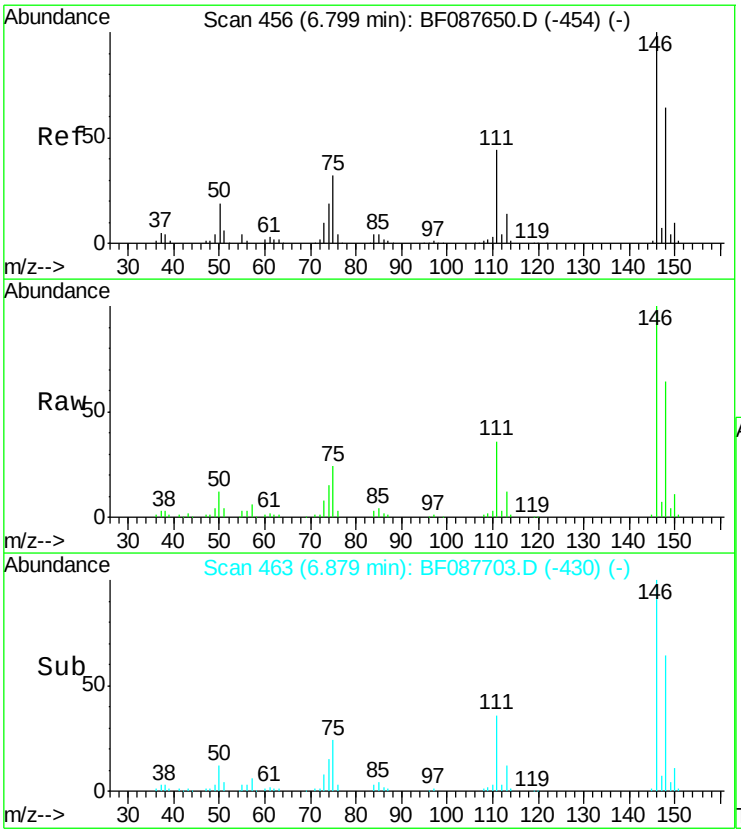
#7
Phenol-d6
Concen: 32.39 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion: 99 Resp: 293733

Ion	Ratio	Lower	Upper
99	100		
42	18.9	12.2	18.2#
71	33.2	23.4	35.0

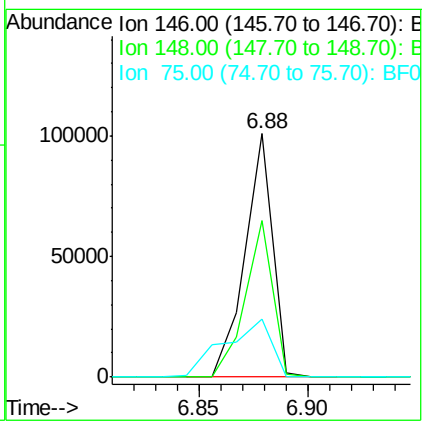


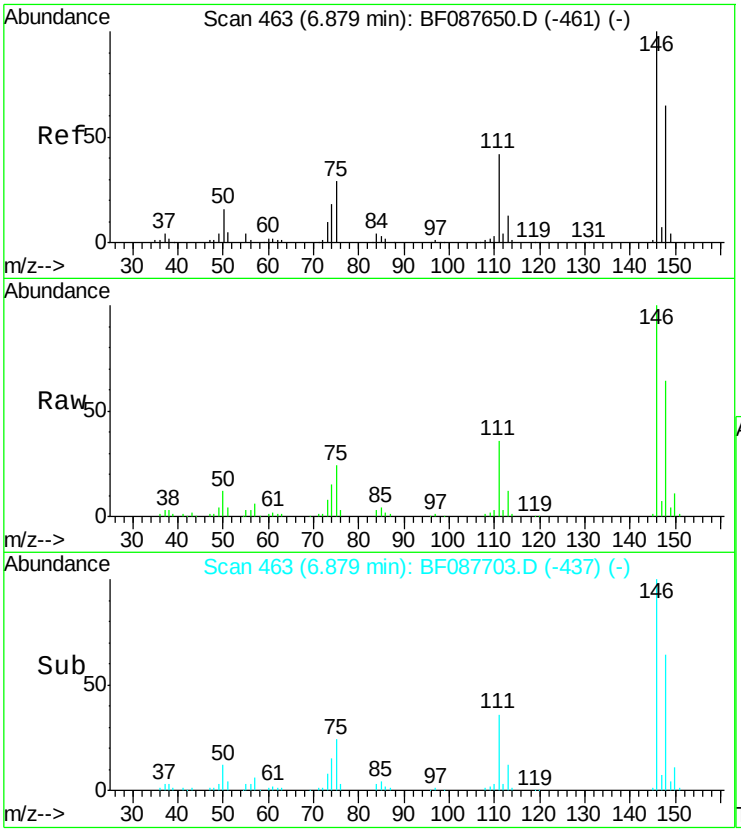


#12
1,3-Dichlorobenzene
Concen: 9.99 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.08 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:146 Resp: 89029

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	23.9	25.6	38.4#



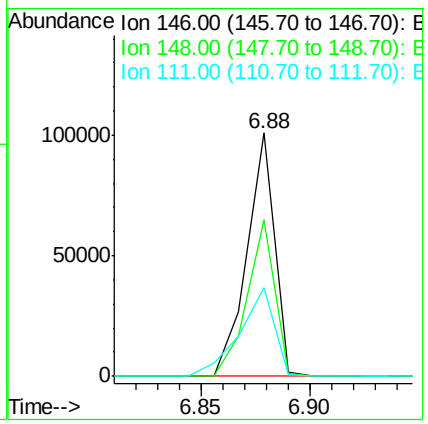


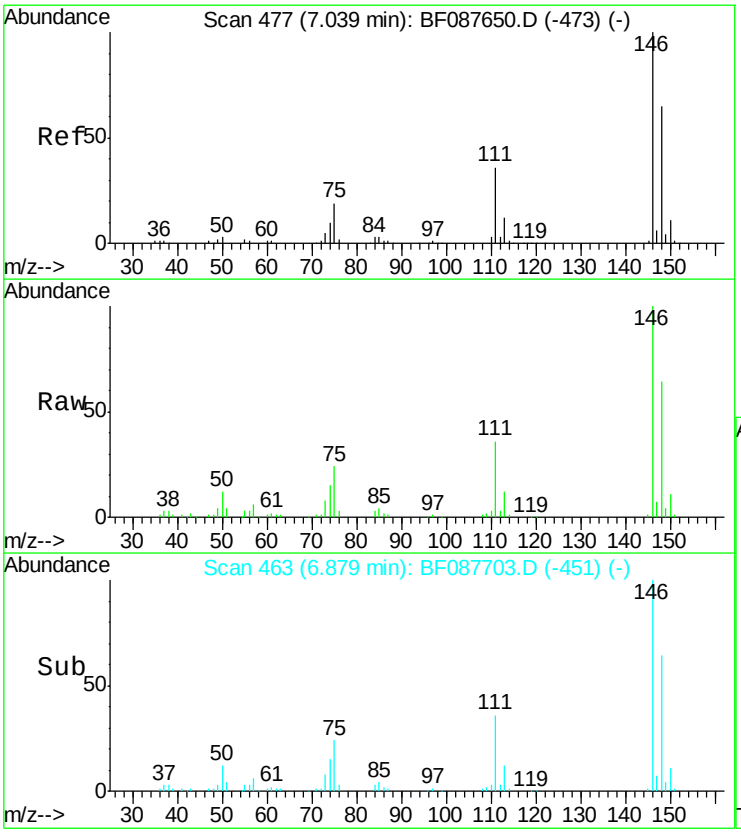
#13
1,4-Dichlorobenzene
Concen: 9.96 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:146 Resp: 89029

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	36.5	33.8	50.8

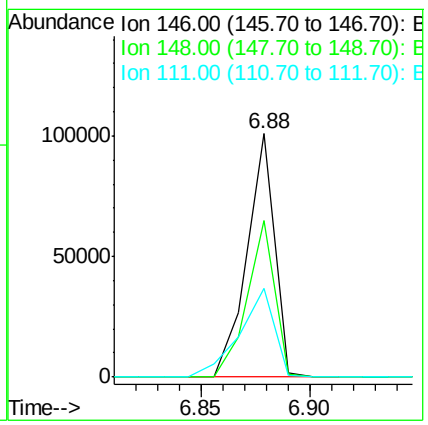


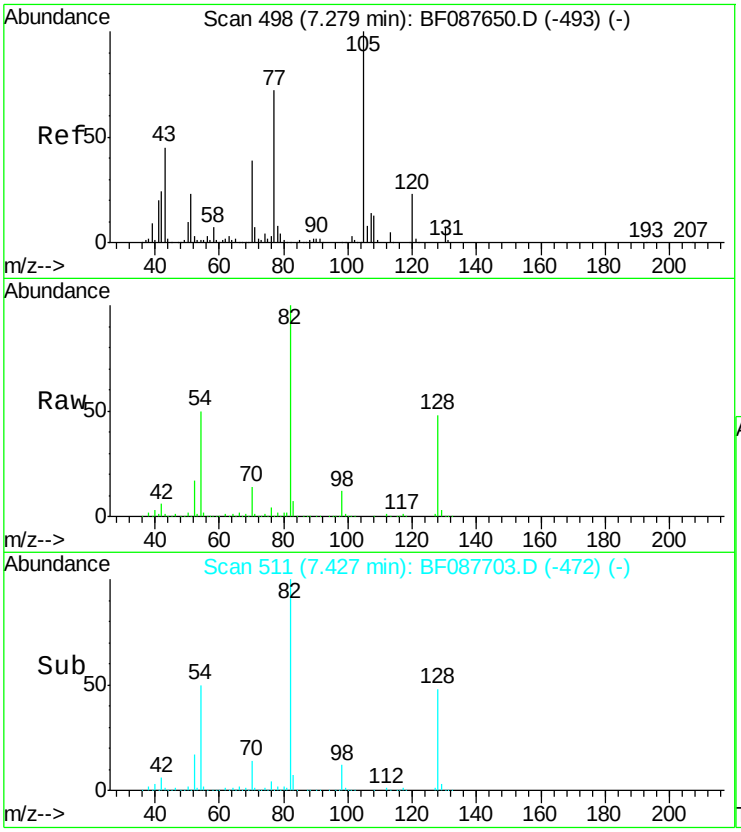


#14
1,2-Dichlorobenzene
Concen: 10.62 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.16 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:146 Resp: 89029

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	36.5	28.7	43.1



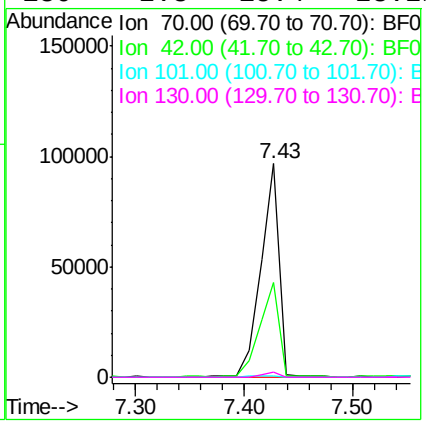


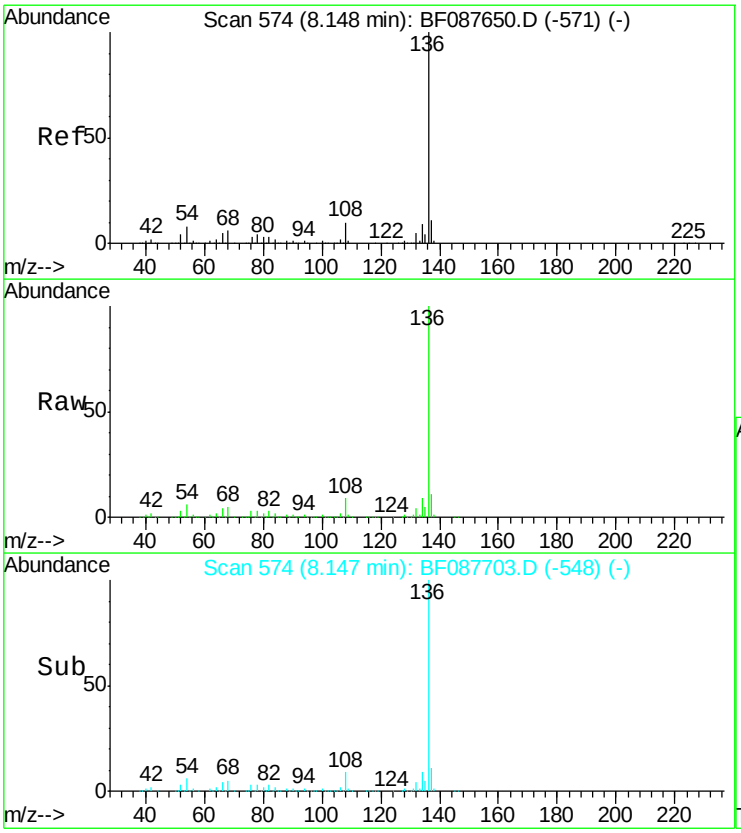
#19
n-Nitroso-di-n-propylamine
Concen: 20.12 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion: 70 Resp: 113945

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.6	74.4#
101	0.7	7.1	10.7#
130	2.3	15.4	23.2#

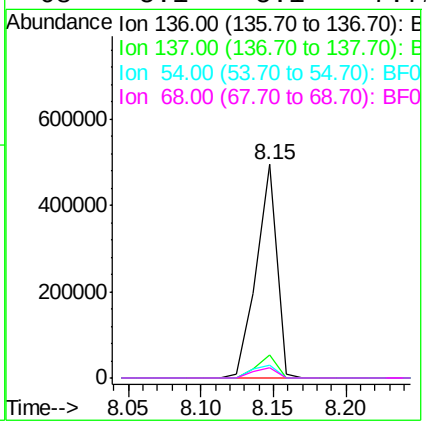


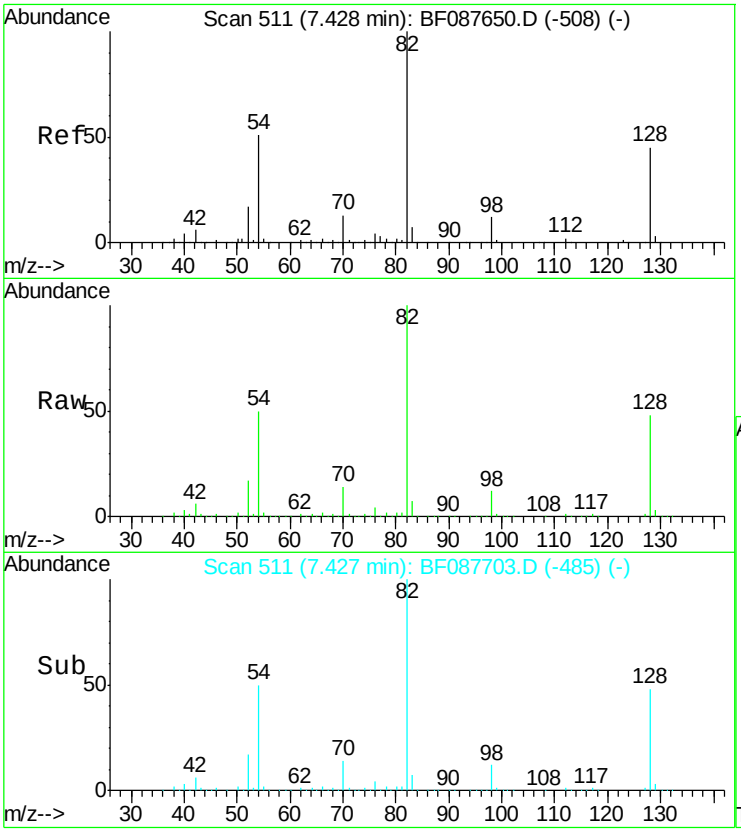


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:136 Resp: 487160

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.3	6.6	10.0#
68	5.1	5.1	7.7#



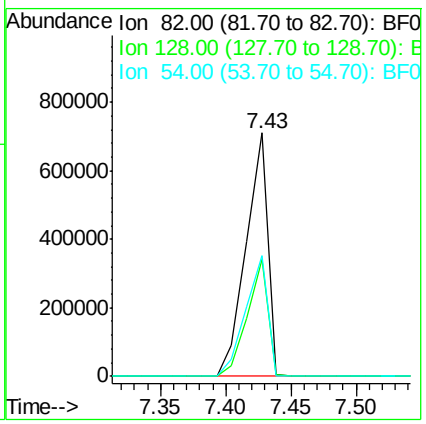


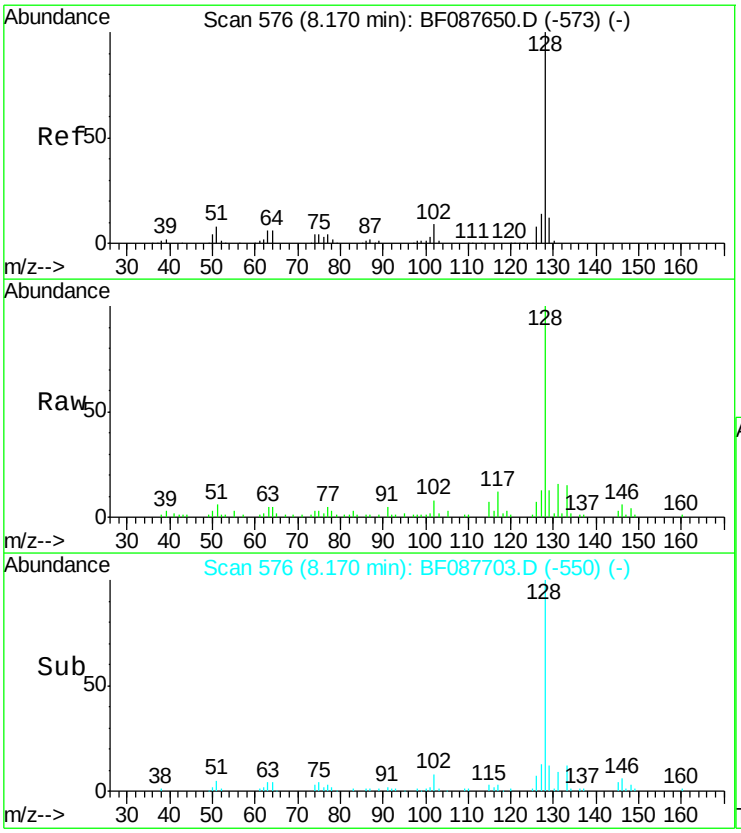
#23
Nitrobenzene-d5
Concen: 97.92 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion: 82 Resp: 824523

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.9	53.9
54	49.6	40.9	61.3

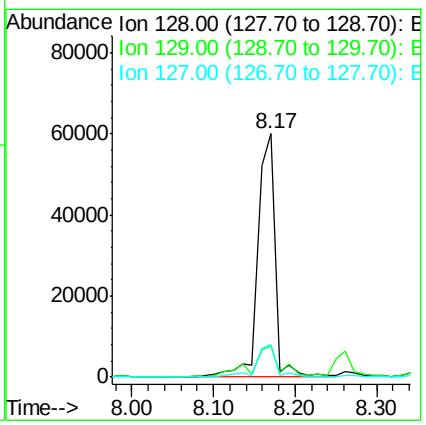


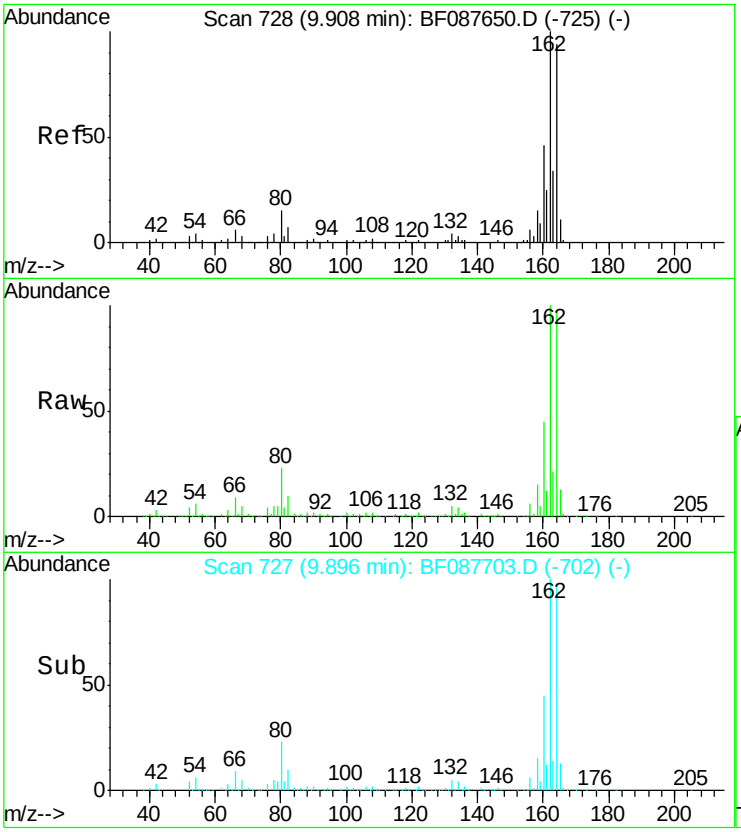


#31
Naphthalene
Concen: 3.76 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:128 Resp: 89172

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	13.4	10.9	16.3



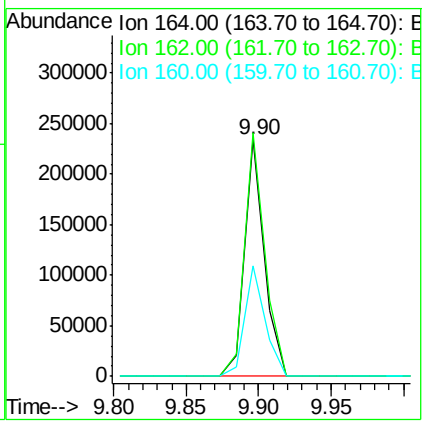


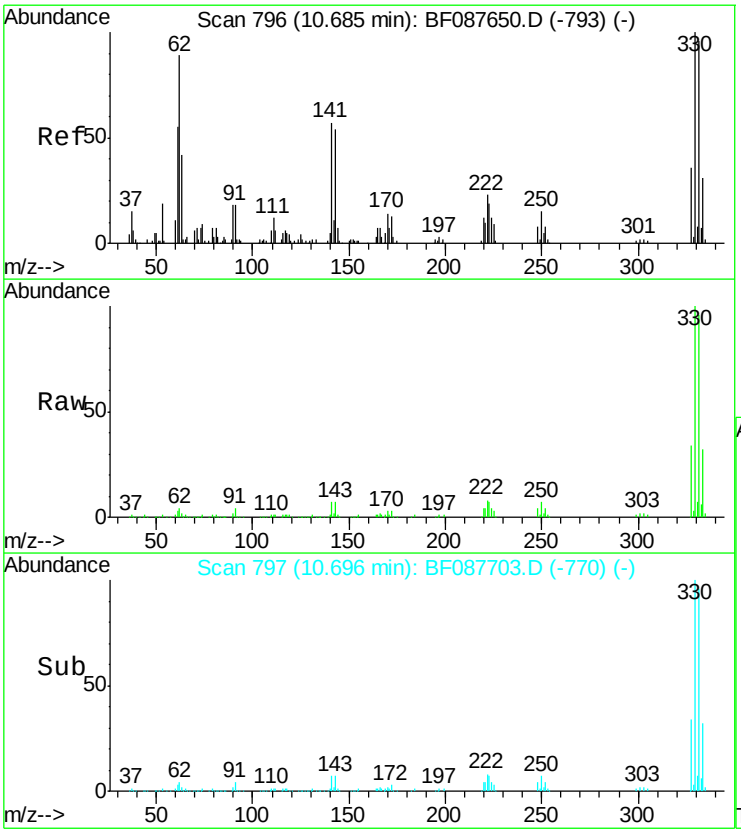
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:164 Resp: 220203

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	46.4	39.5	59.3

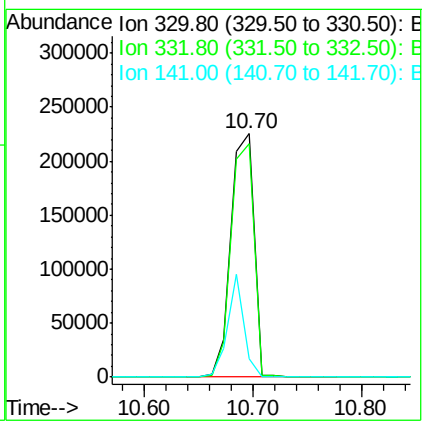


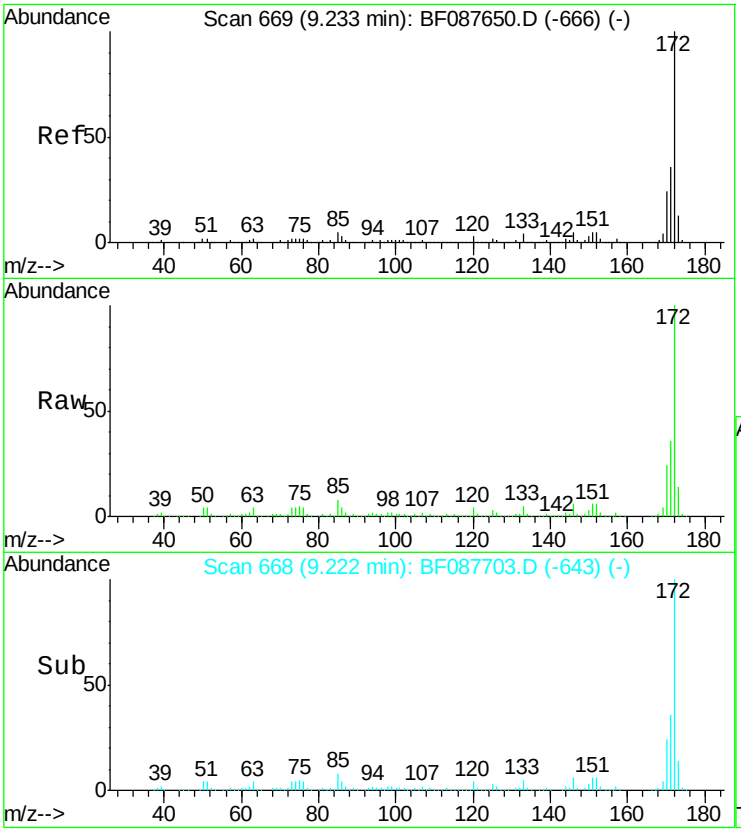


#41
2,4,6-Tribromophenol
Concen: 147.49 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:330 Resp: 326004

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	30.0	0.0	0.0#



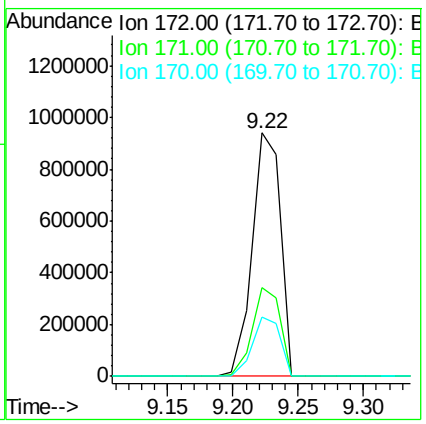


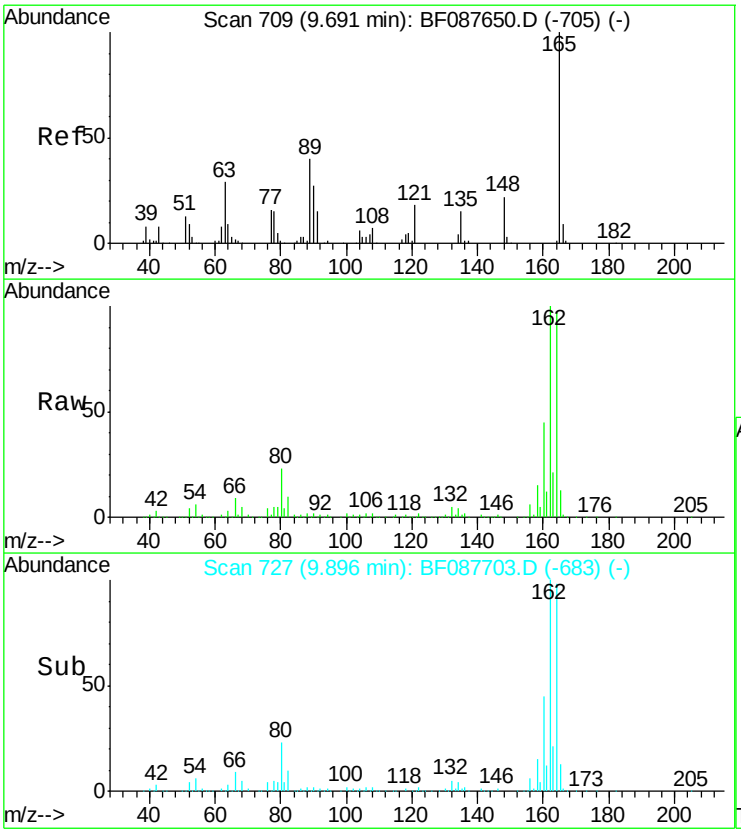
#44
2-Fluorobiphenyl
Concen: 109.12 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:172 Resp: 1420553

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.1	19.2	28.8

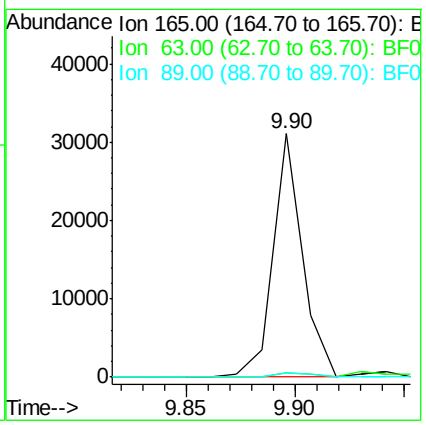


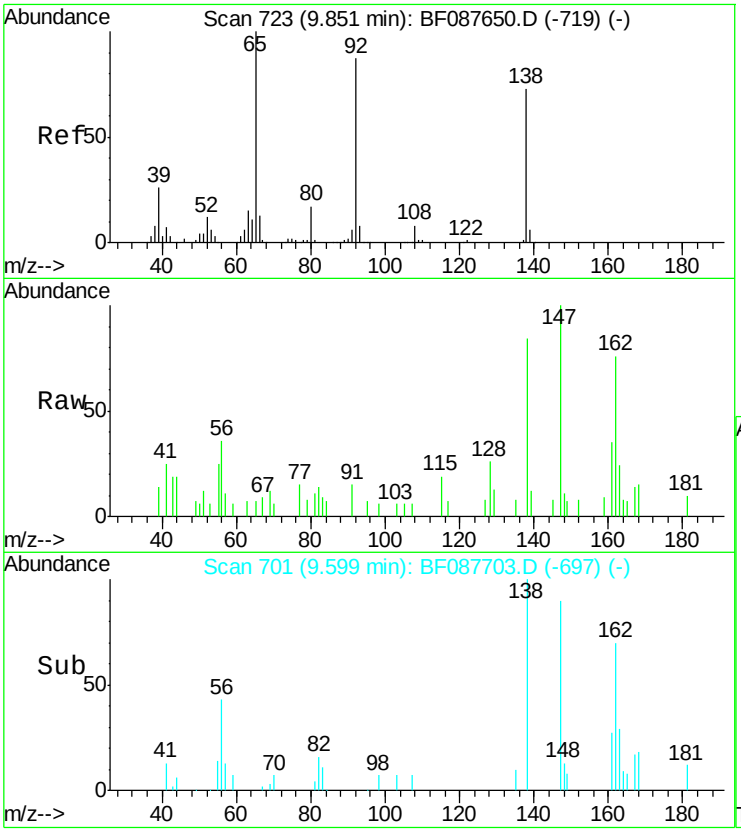


#50
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:165 Resp: 29377

Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.1	42.1#
89	1.8	32.2	48.2#



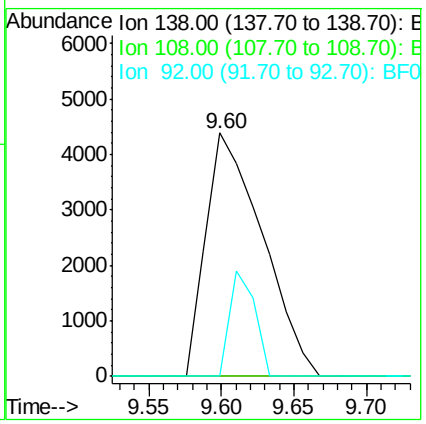


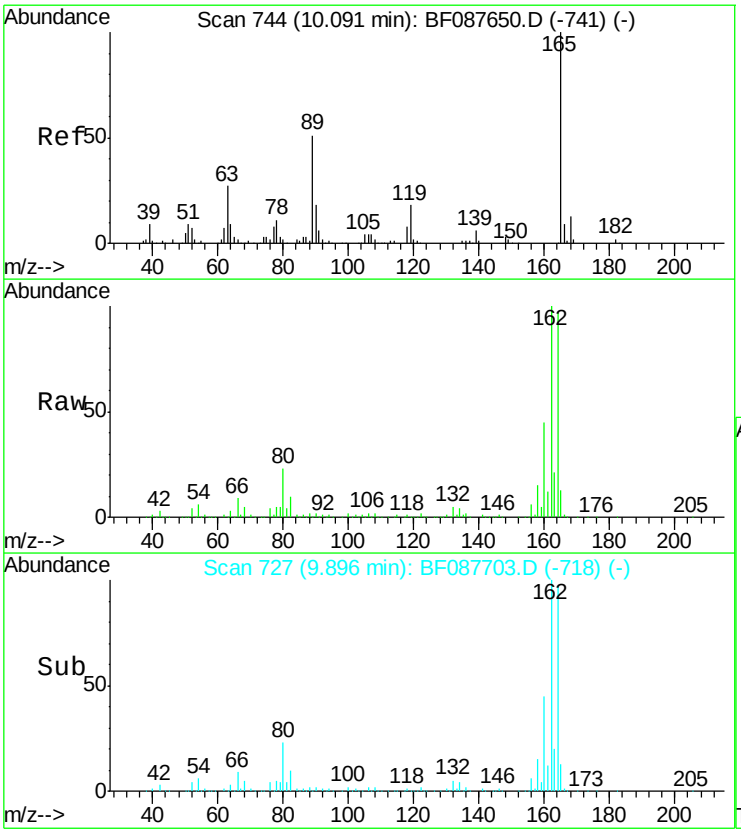
#52
3-Nitroaniline
Concen: 2.85 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.25 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:138 Resp: 11863

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.5	12.7#
92	0.0	95.7	143.5#

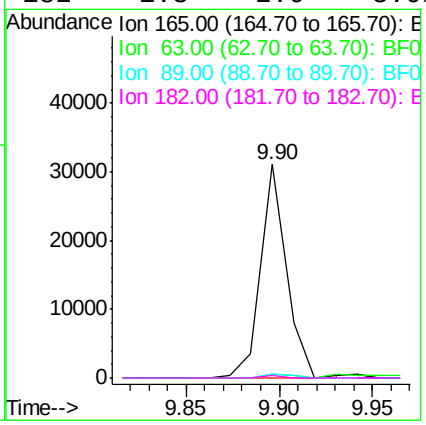


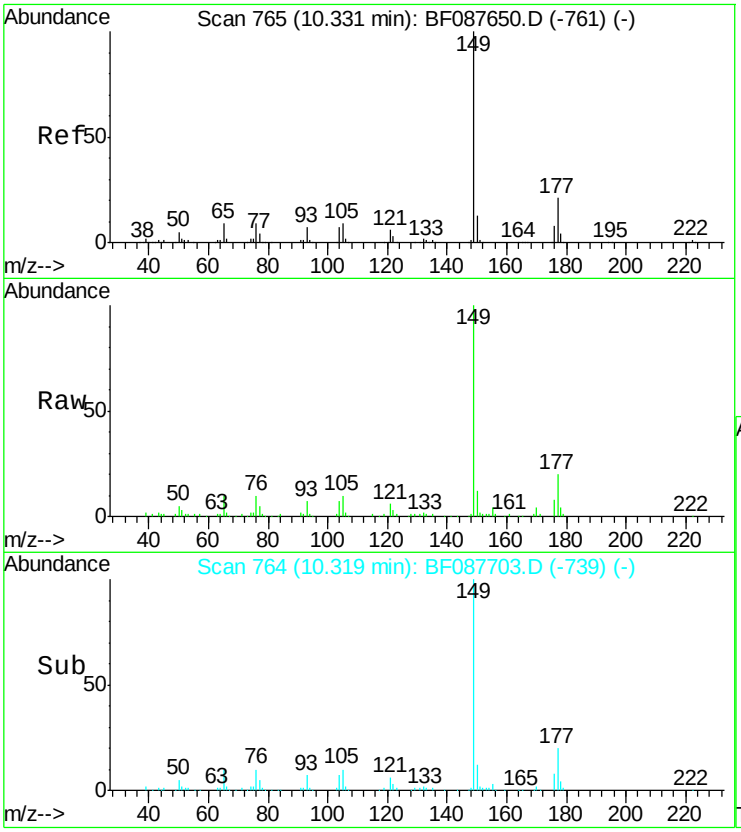


#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:165 Resp: 29608

Ion	Ratio	Lower	Upper
165	100		
63	1.9	22.0	33.0#
89	1.8	41.1	61.7#
182	1.3	2.0	3.0#



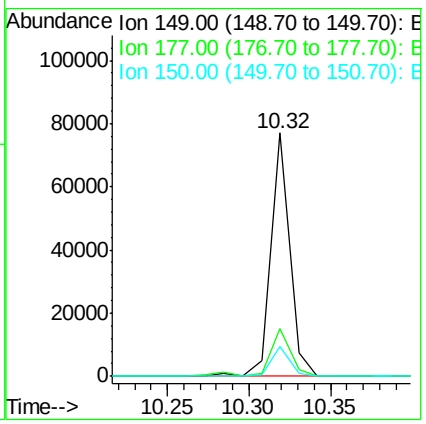


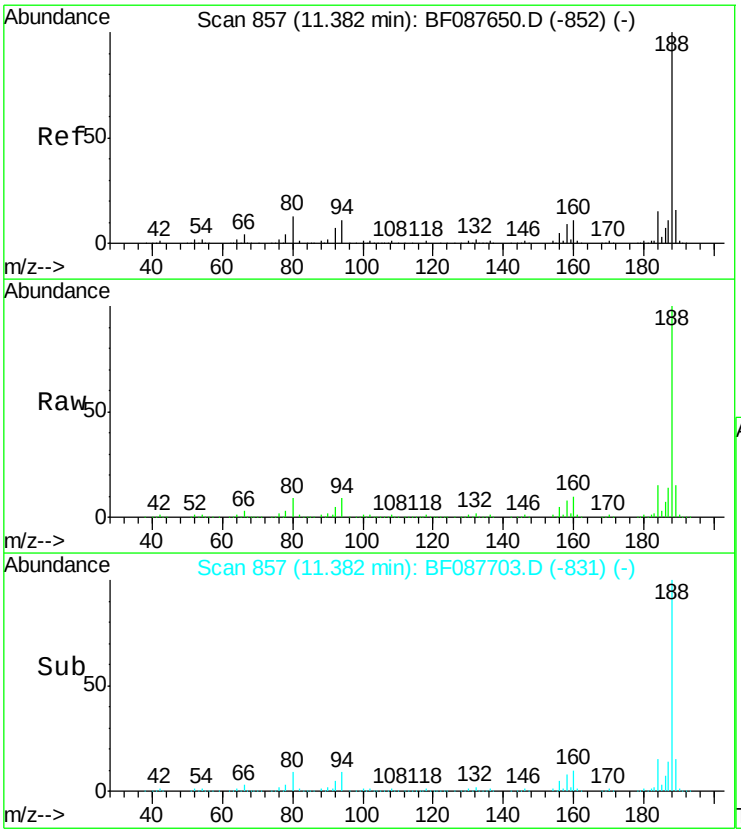
#59
Diethylphthalate
Concen: 3.86 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:149 Resp: 62031

Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.9	25.3
150	12.1	10.1	15.1

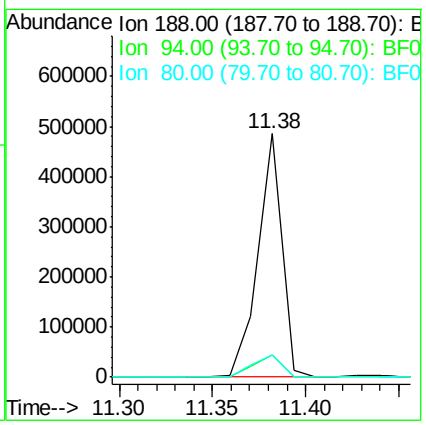


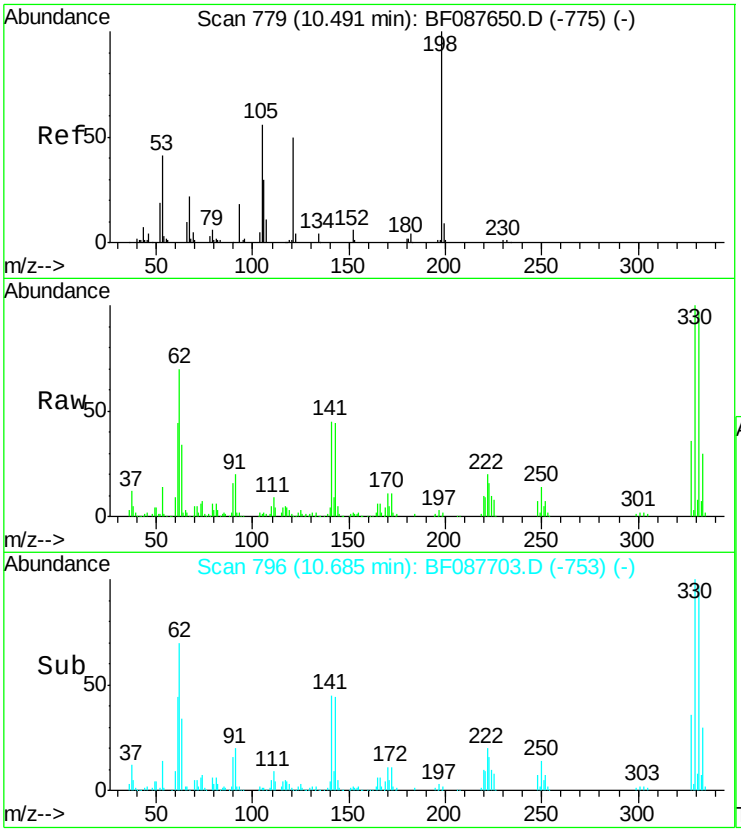


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:188 Resp: 428078

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.6#
80	9.3	10.0	15.0#



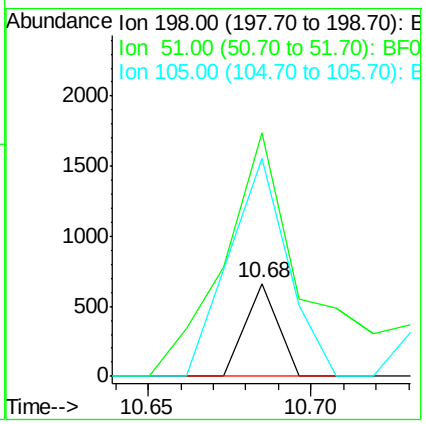


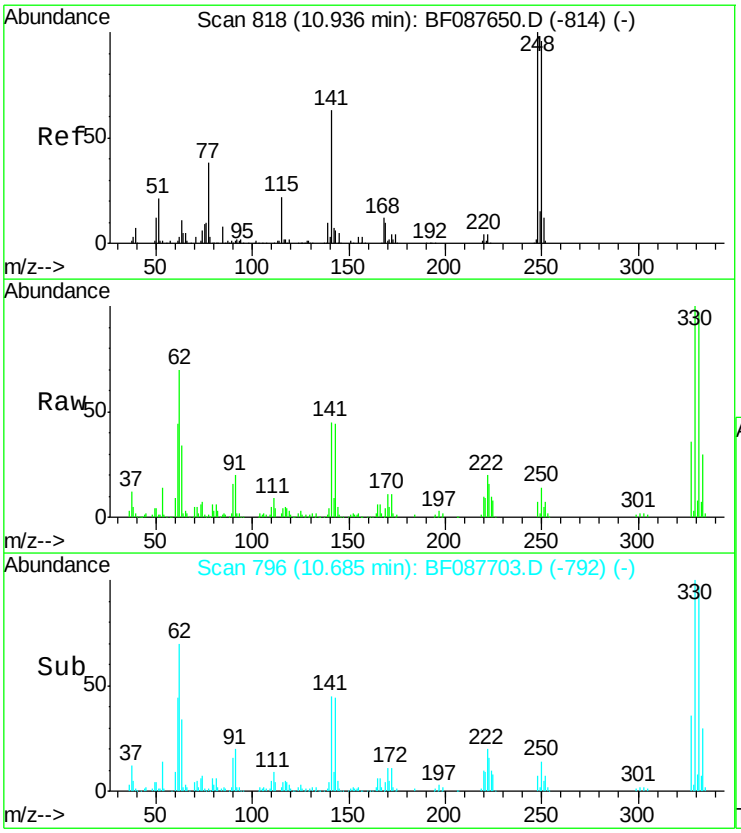
#64
4,6-Dinitro-2-methylphenol
Concen: 2.20 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:198 Resp: 455

Ion	Ratio	Lower	Upper
198	100		
51	262.1	39.6	79.6#
105	234.2	36.6	76.6#

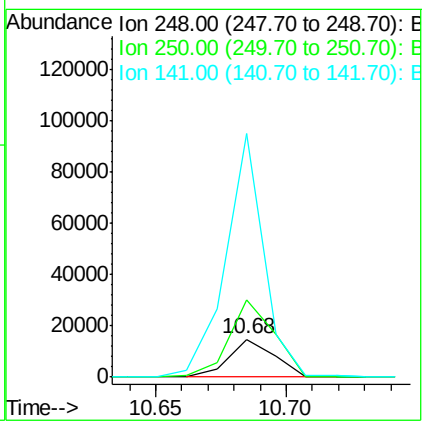


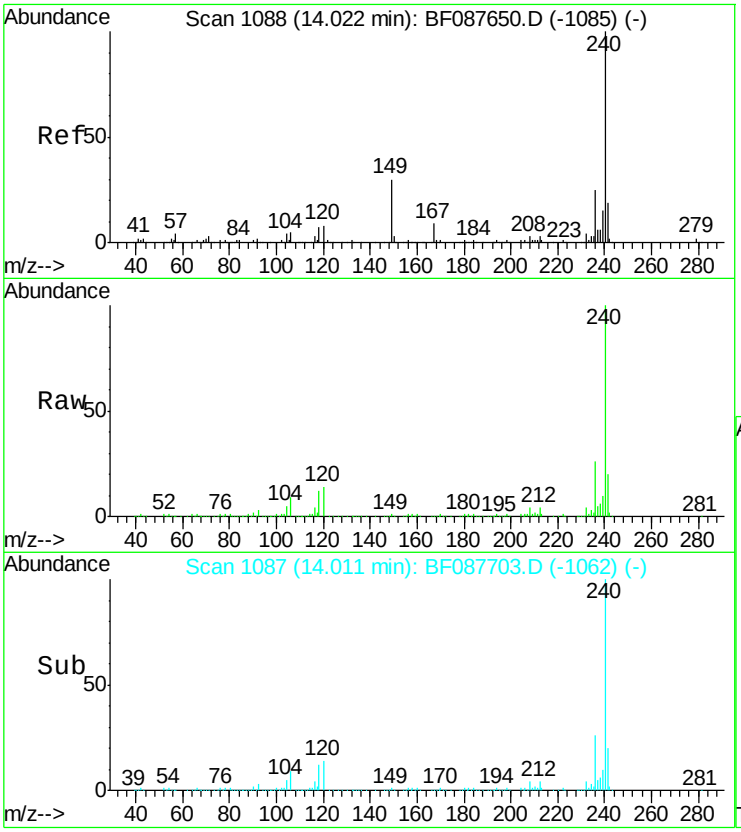


#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:248 Resp: 17908

Ion	Ratio	Lower	Upper
248	100		
250	202.3	77.1	115.7#
141	642.2	50.6	76.0#



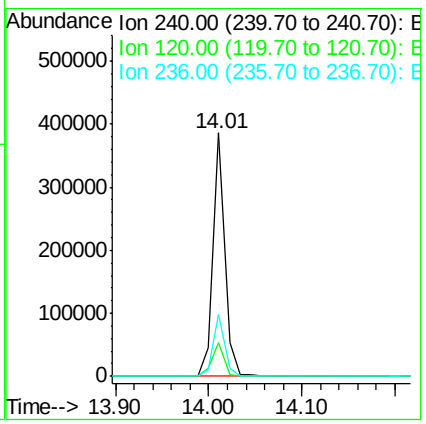


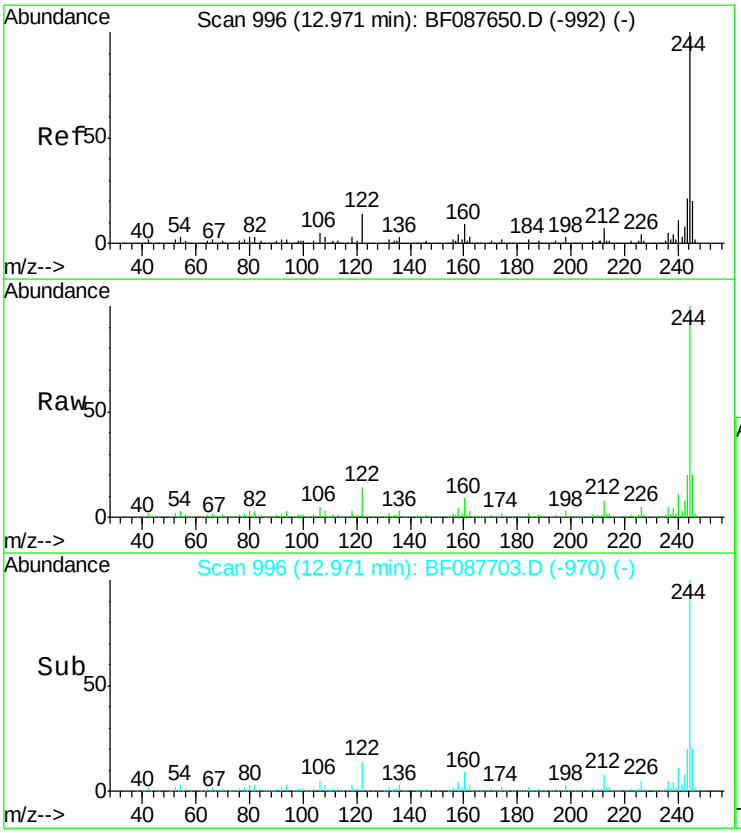
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:240 Resp: 339056

Ion	Ratio	Lower	Upper
240	100		
120	13.7	6.8	10.2#
236	25.6	20.2	30.2

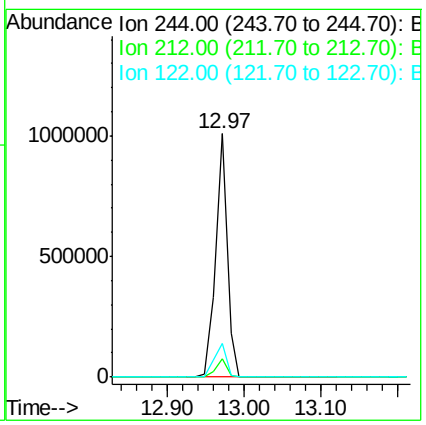


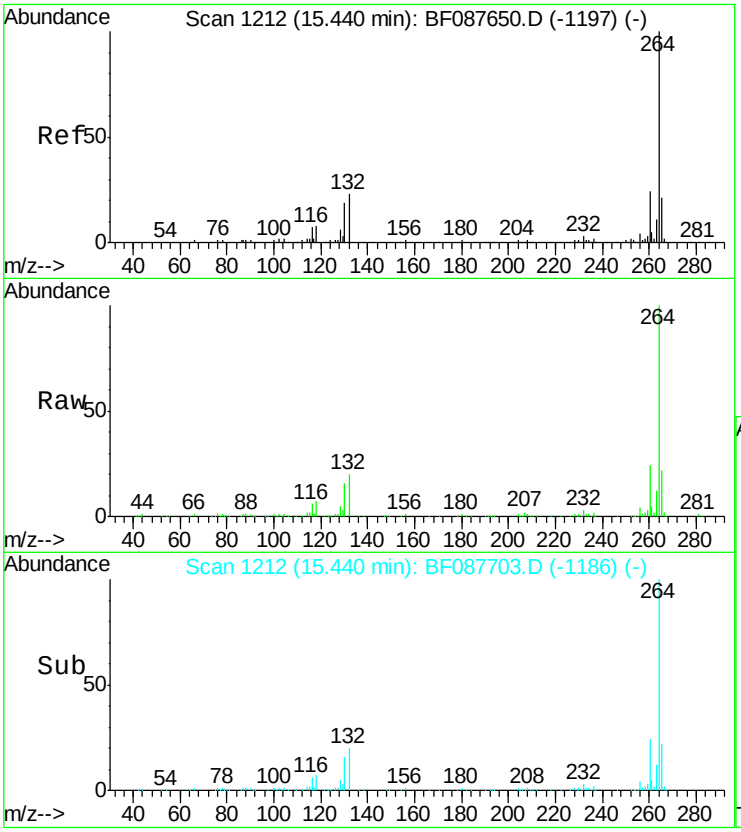


#78
Terphenyl-d14
Concen: 76.21 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:244 Resp: 1058881

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.9	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: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:264 Resp: 254334

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3