Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087689.D
Acq On : 5 Jun 2016 5:10
Operator : UM/SJ
Sample : H3344-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8

Quant Time: Jun 05 06:32:53 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	133556	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	315973	20.00	ng		0.01
38) Acenaphthene-d10	9.90	164	246378	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	483878	20.00	ng		0.00
75) Chrysene-d12	14.01	240	384210	20.00	ng		-0.01
86) Perylene-d12	15.44	264	291469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	506368	61.28	ng		0.00
7) Phenol-d6	6.48	99	415070	40.05	ng		-0.01
23) Nitrobenzene-d5	7.43	82	867823	158.90	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	327366	132.37	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1473955	95.78	ng		-0.01
78) Terphenyl-d14	12.97	244	1144479	72.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	181318	25.88	ng	#	1
18) Hexachloroethane	7.32	117	9961	2.79	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	116628	18.02	ng	#	76
31) Naphthalene	8.22	128	8925942	581.01	ng		97
33) 4-Chloroaniline	8.22	127	1341717	201.05	ng	#	37
37) 2-Methylnaphthalene	8.86	142	829131	81.73	ng	#	97
45) 1,1'-Biphenyl	9.32	154	138046	6.90	ng		95
49) Dimethylphthalate	9.62	163	112092	6.26	ng		97
51) Acenaphthene	9.93	154	298259	18.68	ng		99
56) 2,4-Dinitrotoluene	9.90	165	34132	6.58	ng	#	38
57) Fluorene	10.45	166	84350	4.96	ng		98
64) 4,6-Dinitro-2-methylphenol	10.69	198	511	2.20	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	18623	3.88	ng	#	1
70) Phenanthrene	11.41	178	80939	3.09	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087689.D
Acq On : 5 Jun 2016 5:10
Operator : UM/SJ
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
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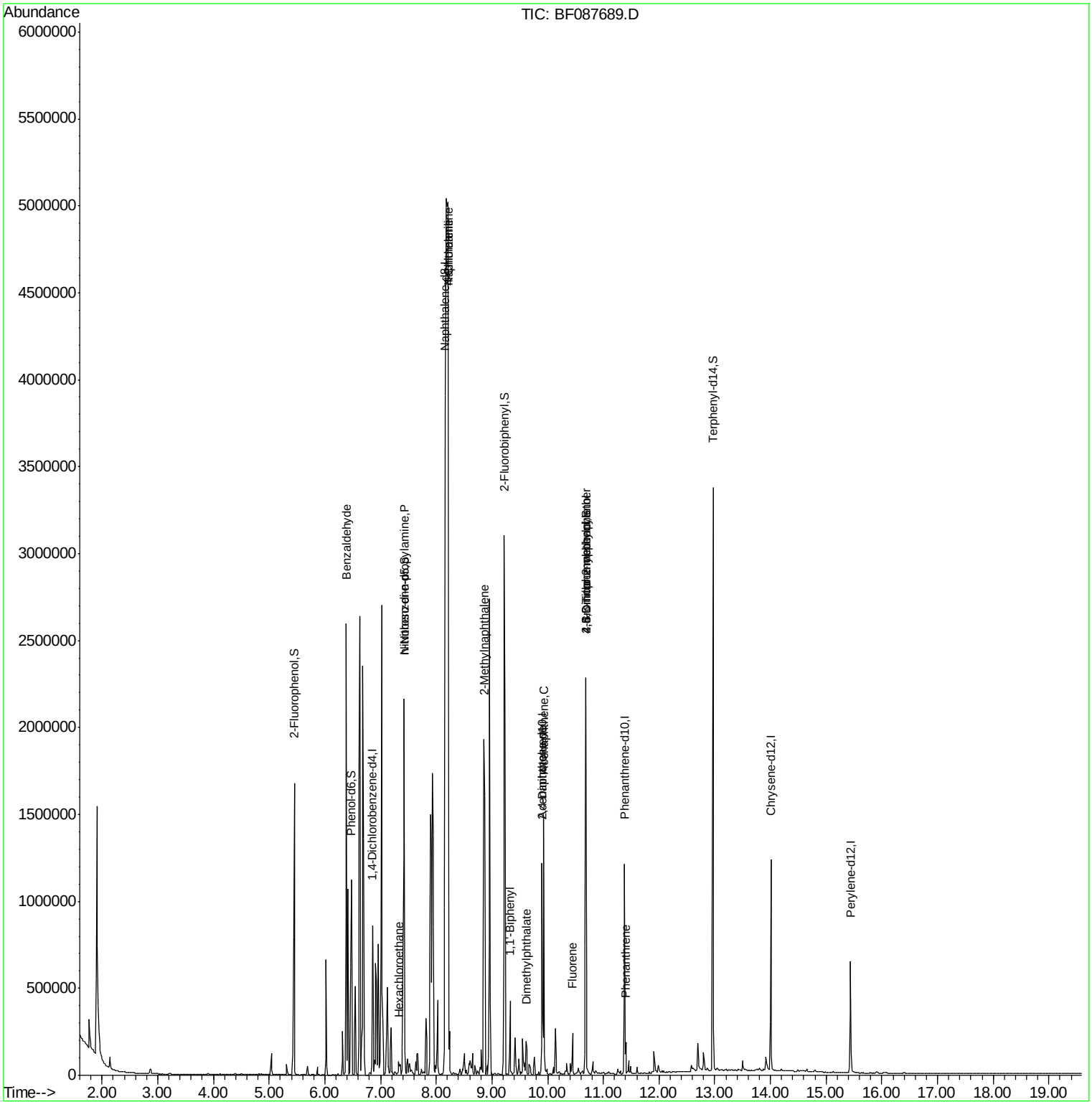
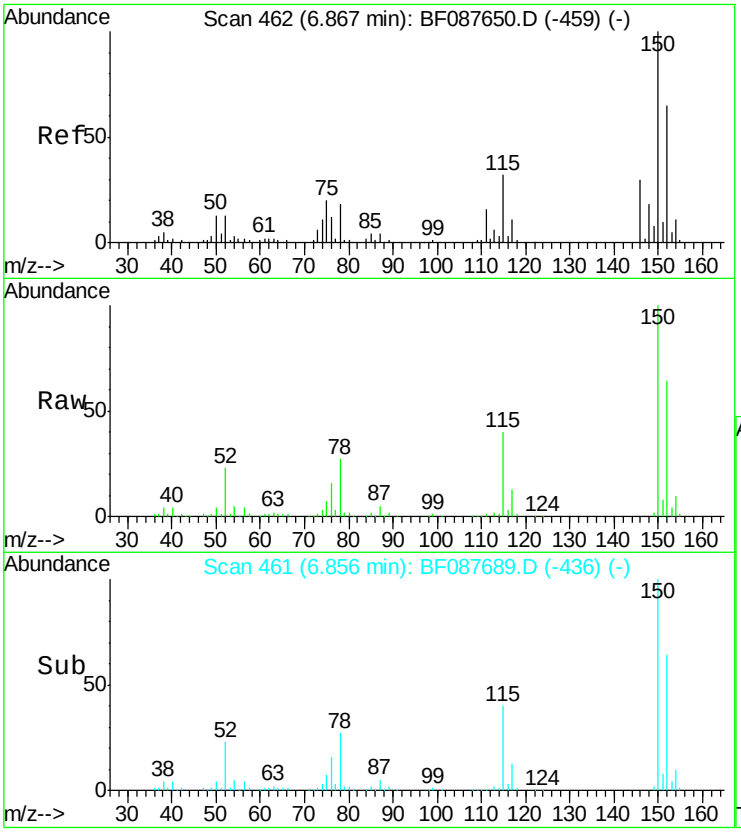


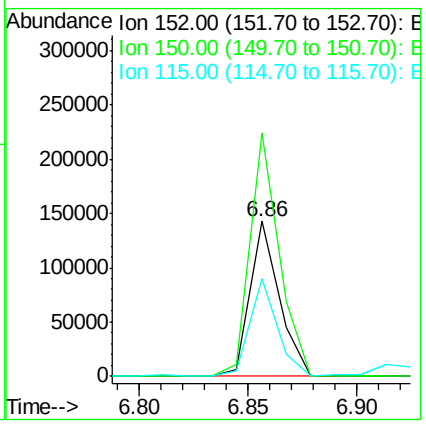


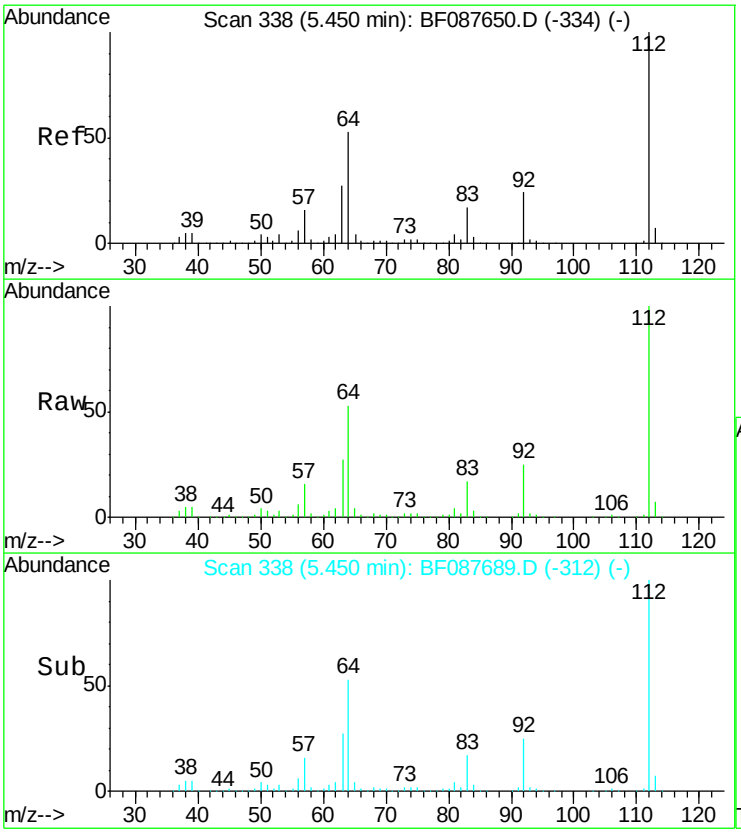
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 133556

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	63.0	39.6	59.4#

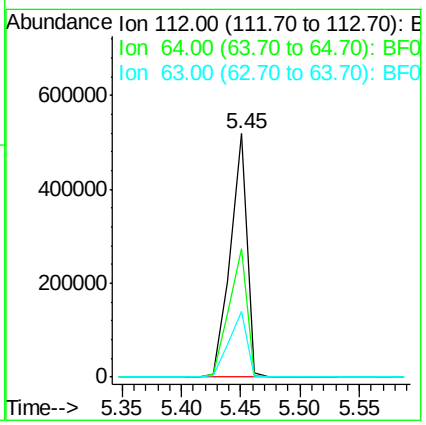


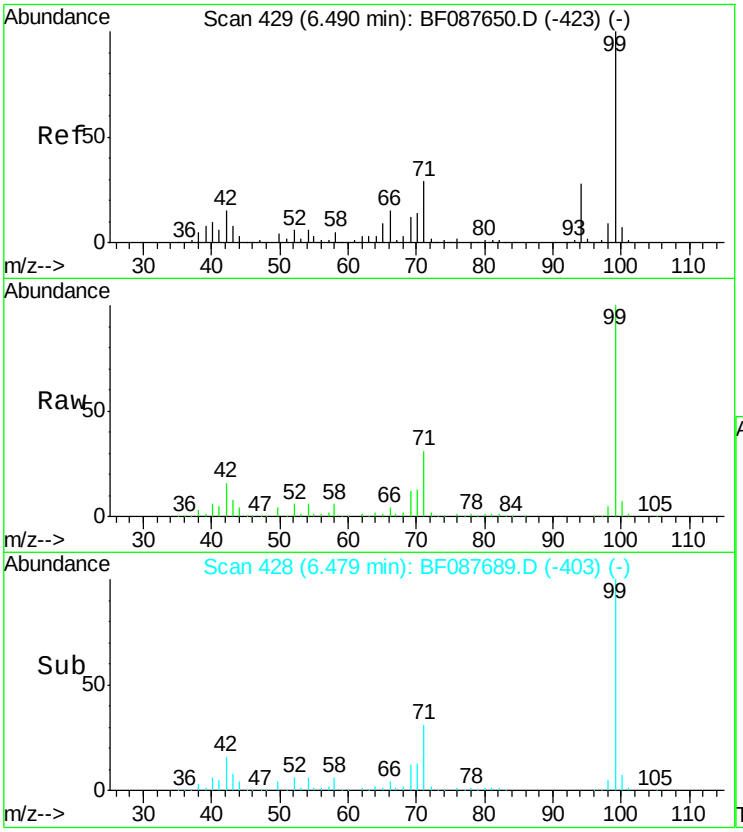


#5
2-Fluorophenol
Concen: 61.28 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:112 Resp: 506368

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.2	63.2
63	27.1	21.8	32.8



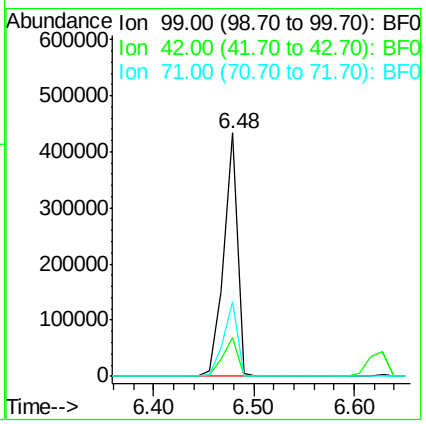


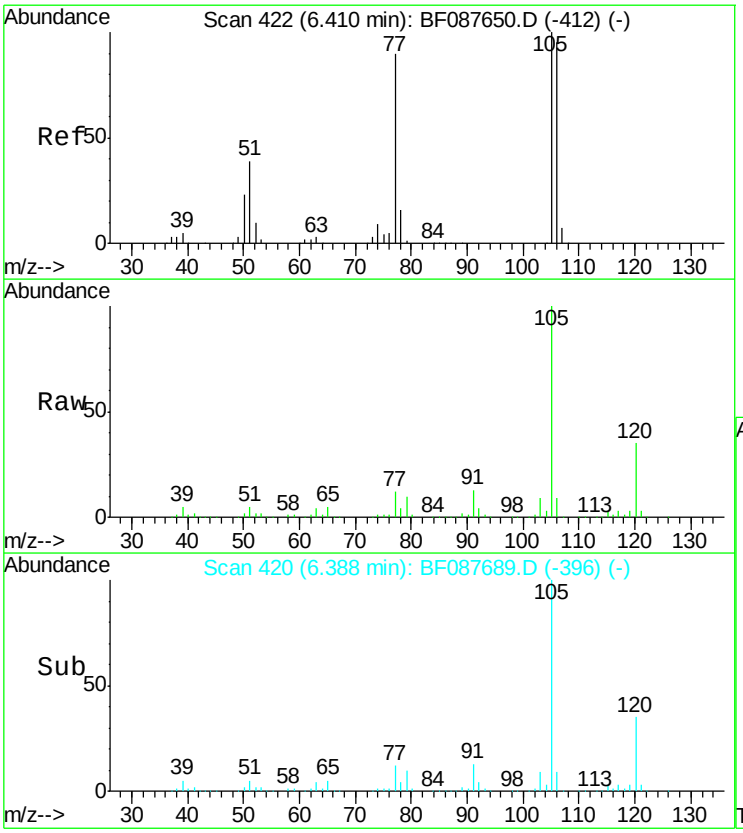
#7
Phenol-d6
Concen: 40.05 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion: 99 Resp: 415070

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	30.9	23.4	35.0

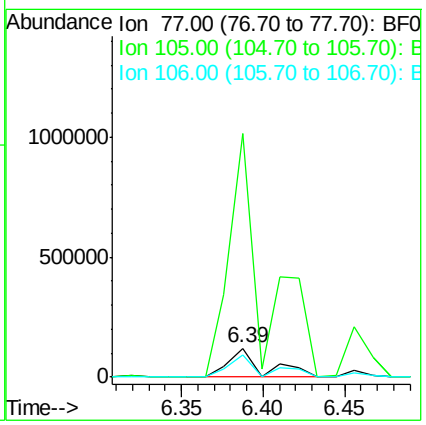


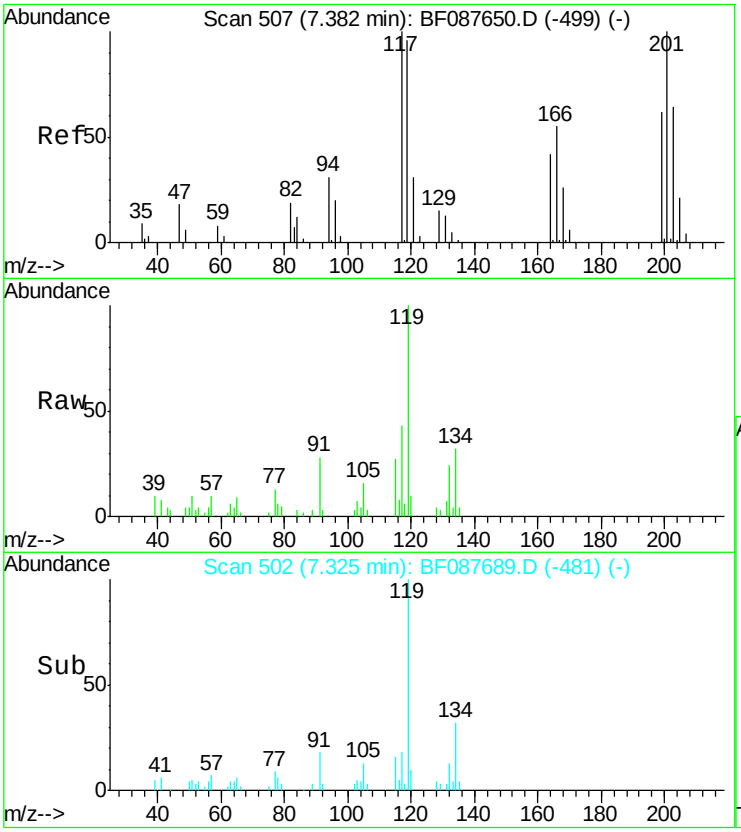


#9
Benzaldehyde
Concen: 25.88 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion: 77 Resp: 181318

Ion	Ratio	Lower	Upper
77	100		
105	839.8	90.6	130.6#
106	75.5	85.3	125.3#



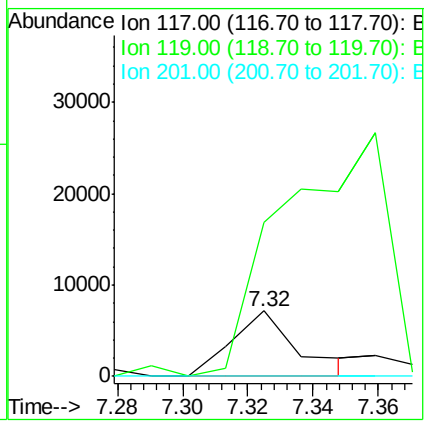


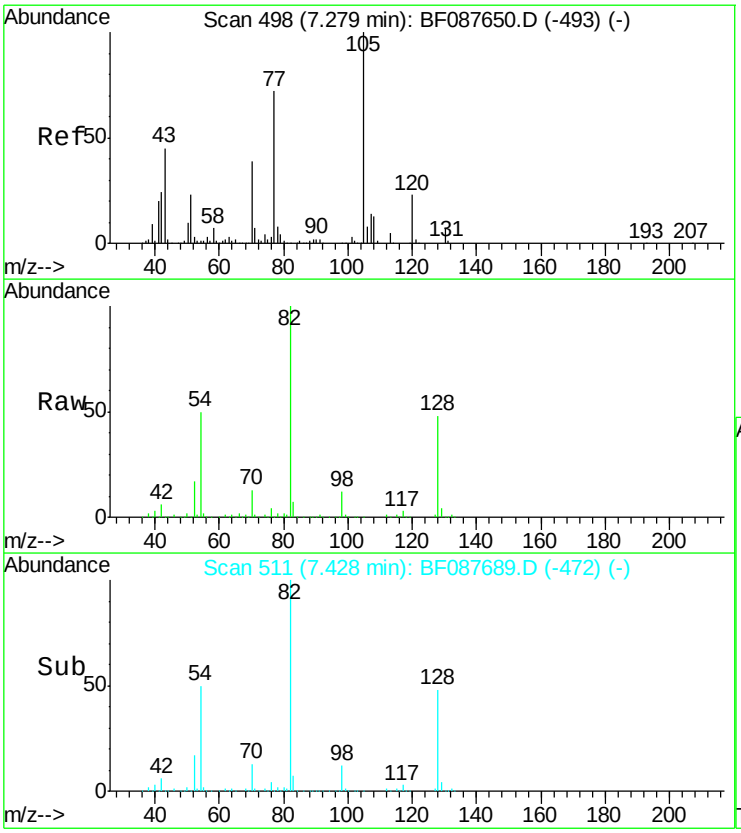
#18
Hexachloroethane
Concen: 2.79 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.06 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:117 Resp: 9961

Ion	Ratio	Lower	Upper
117	100		
119	235.3	77.4	116.2#
201	0.0	80.4	120.6#

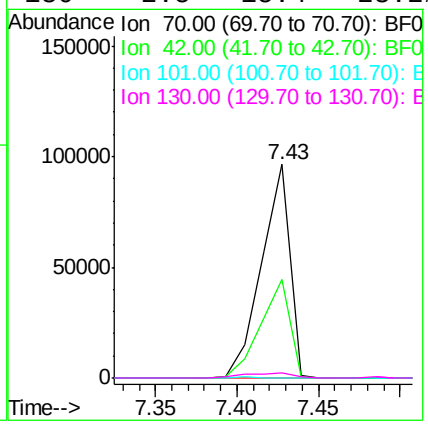


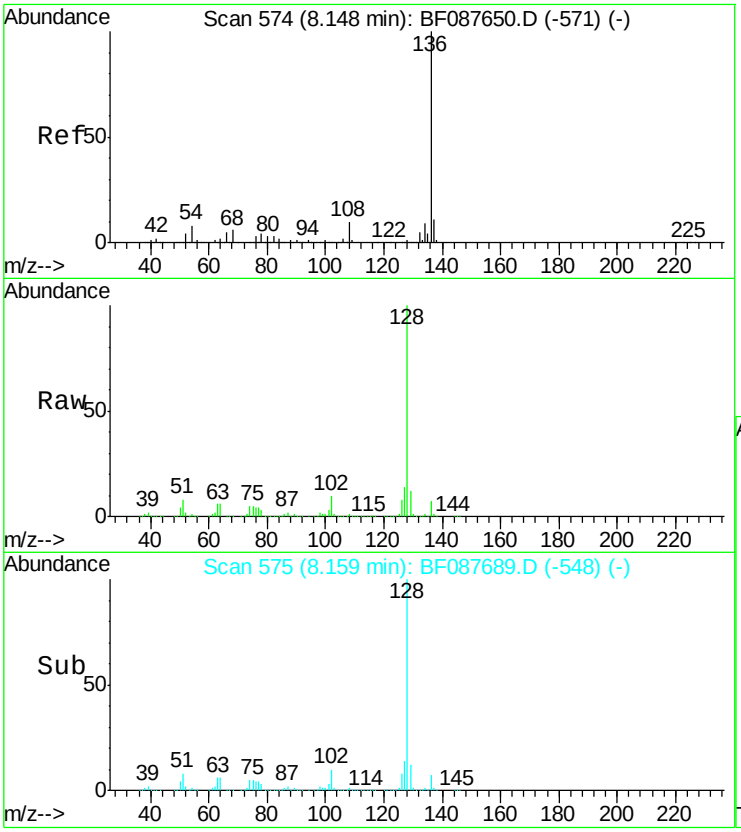


#19
n-Nitroso-di-n-propylamine
Concen: 18.02 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion: 70 Resp: 116628

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



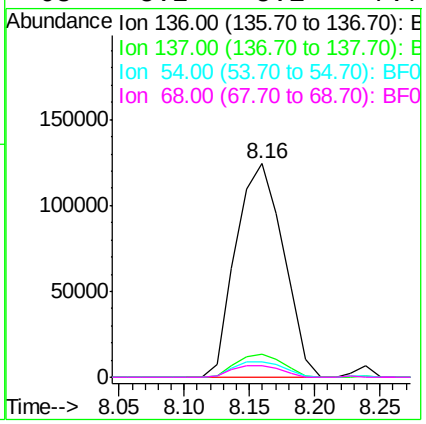


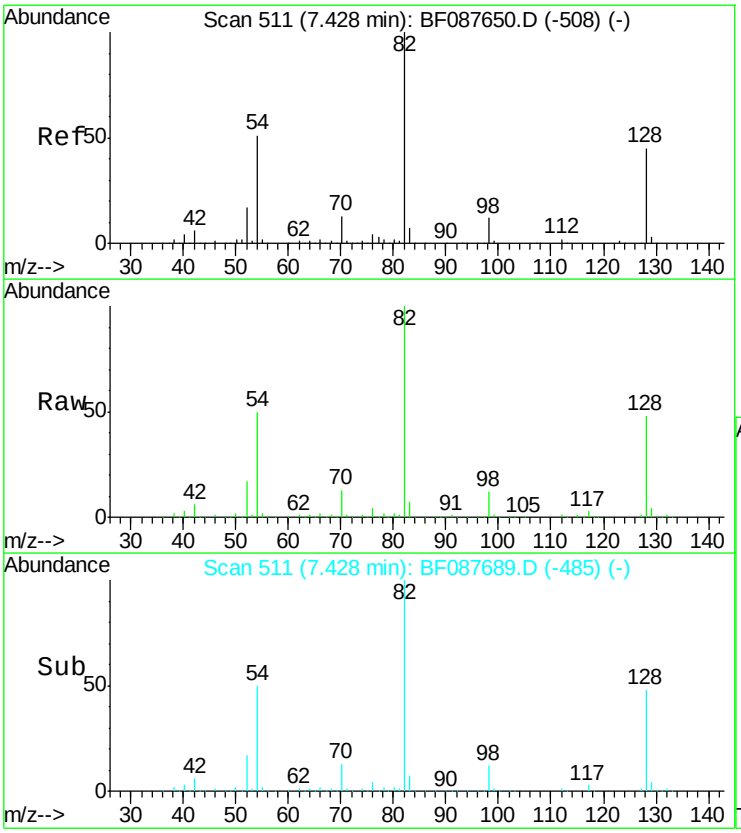
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:136 Resp: 315973

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	6.6	10.0
68	5.2	5.1	7.7

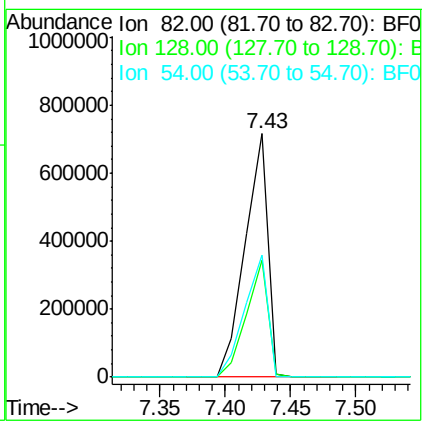


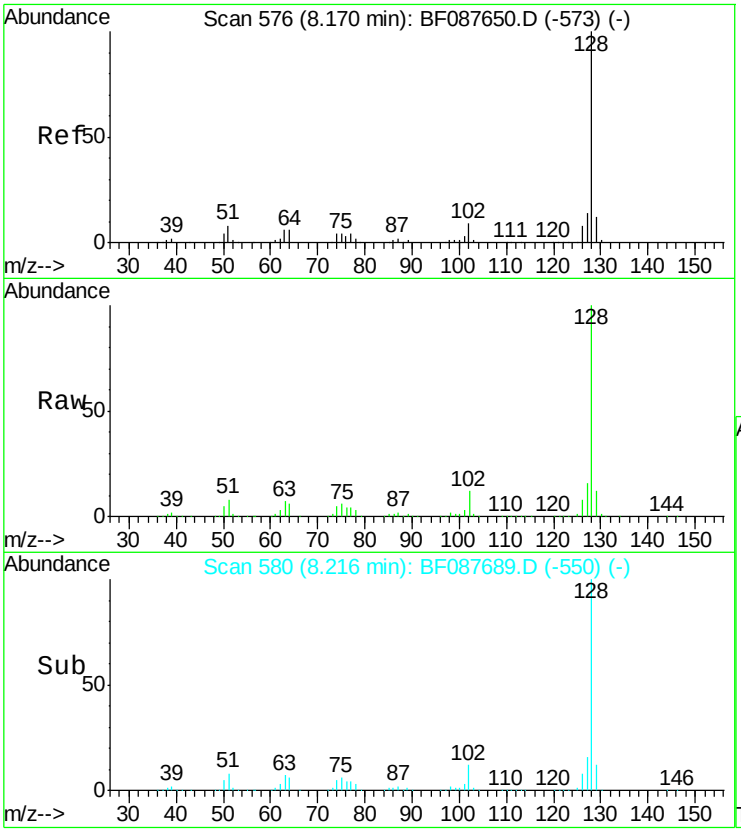


#23
Nitrobenzene-d5
Concen: 158.90 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion: 82 Resp: 867823

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.9	53.9
54	49.9	40.9	61.3



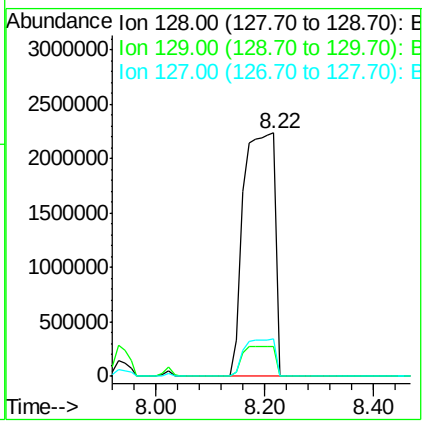


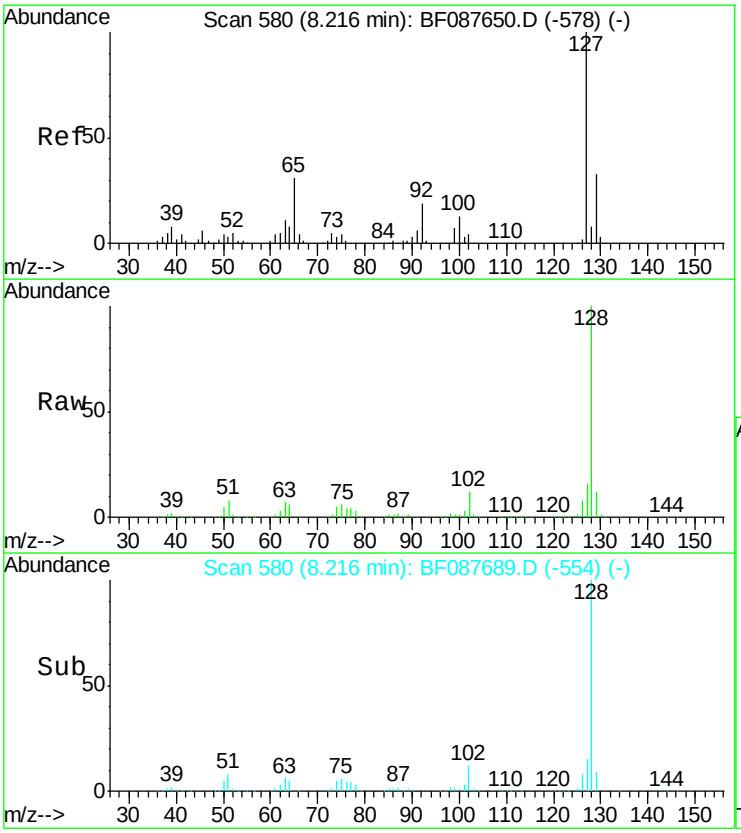
#31
Naphthalene
Concen: 581.01 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.05 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:128 Resp: 8925942

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	15.6	10.9	16.3

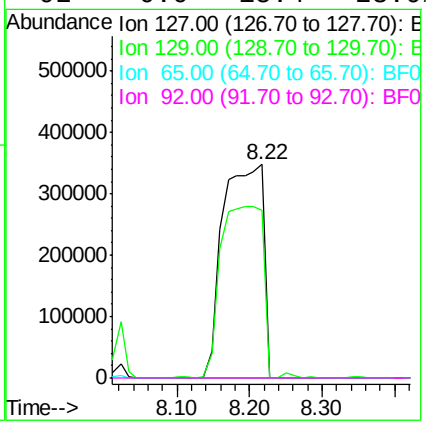


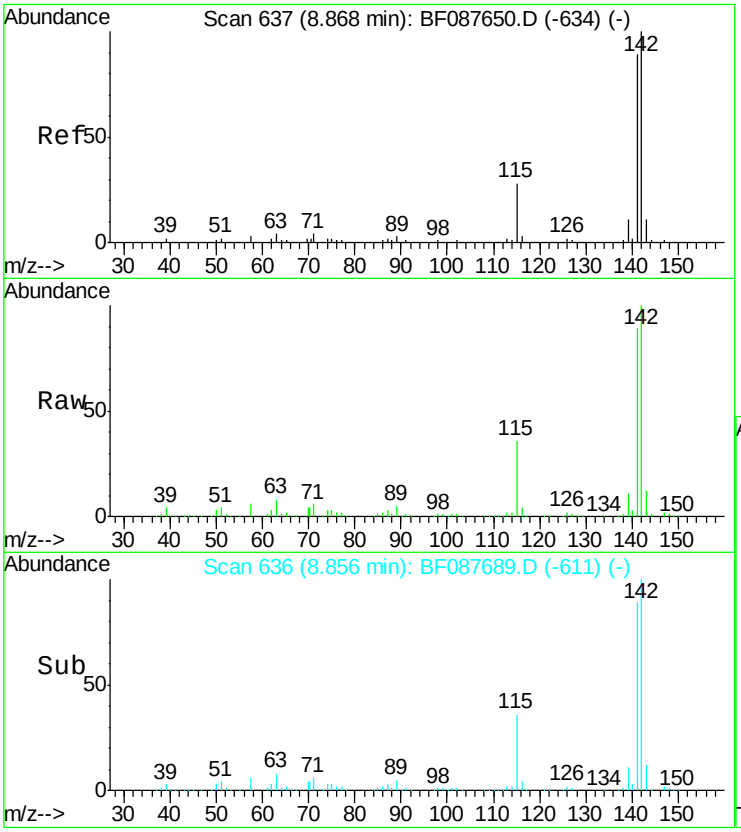


#33
4-Chloroaniline
Concen: 201.05 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:127 Resp: 1341717

Ion	Ratio	Lower	Upper
127	100		
129	78.6	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



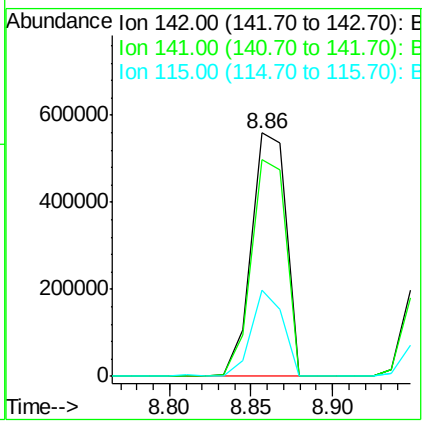


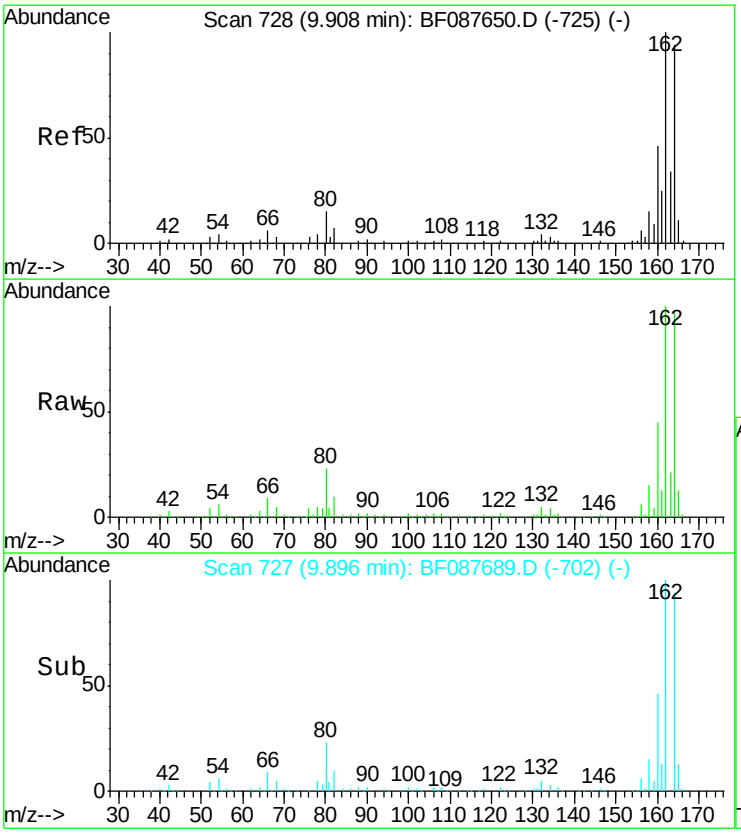
#37
2-Methylnaphthalene
Concen: 81.73 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:142 Resp: 829131

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	35.6	22.6	33.8#

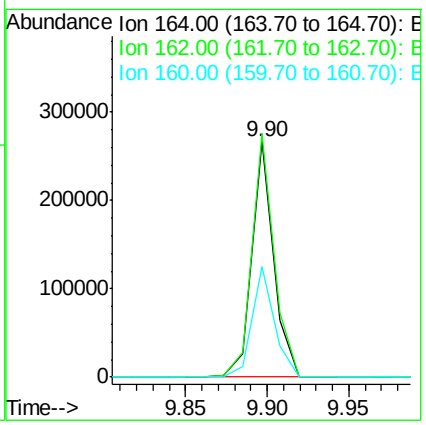


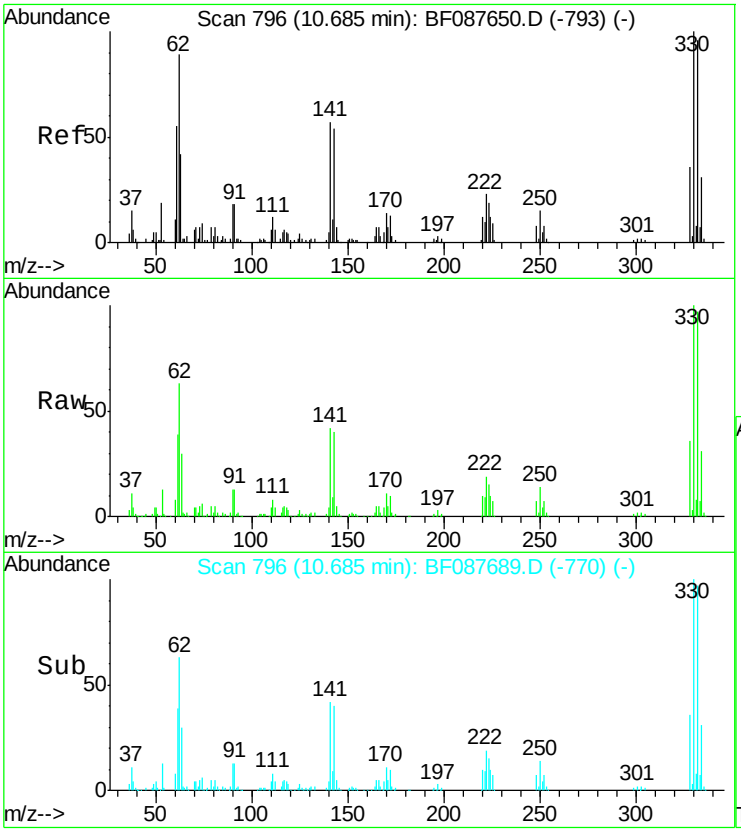


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:164 Resp: 246378

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	47.0	39.5	59.3



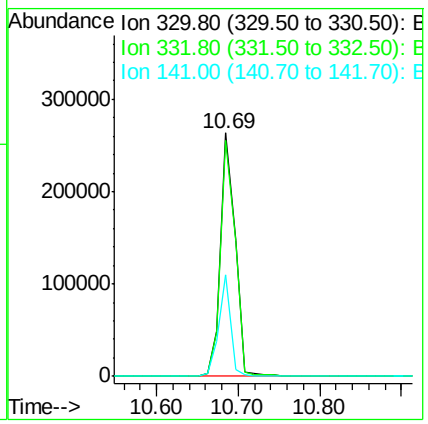


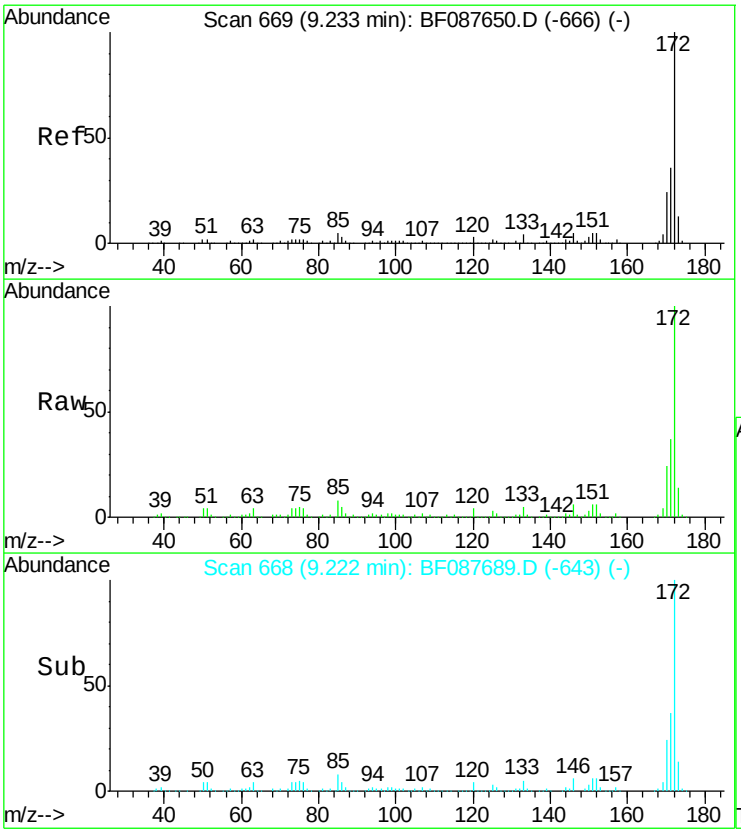
#41
2,4,6-Tribromophenol
Concen: 132.37 ng
RT: 10.69 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:330 Resp: 327366

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	34.2	0.0	0.0#

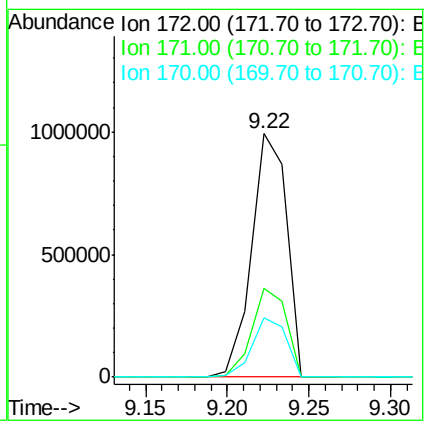


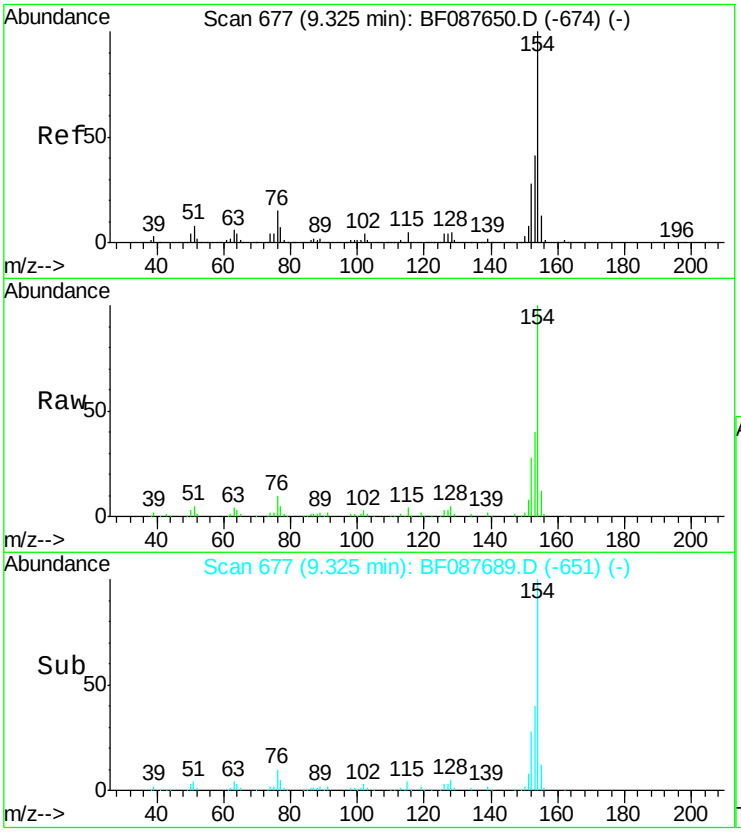


#44
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:172 Resp: 1473955

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



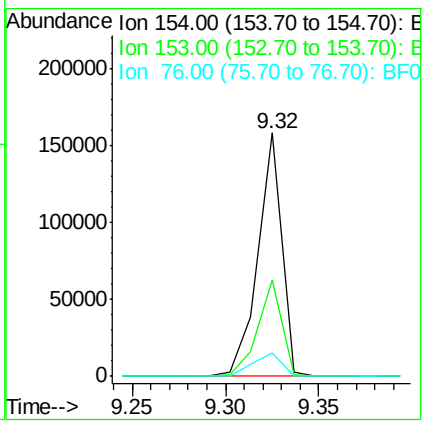


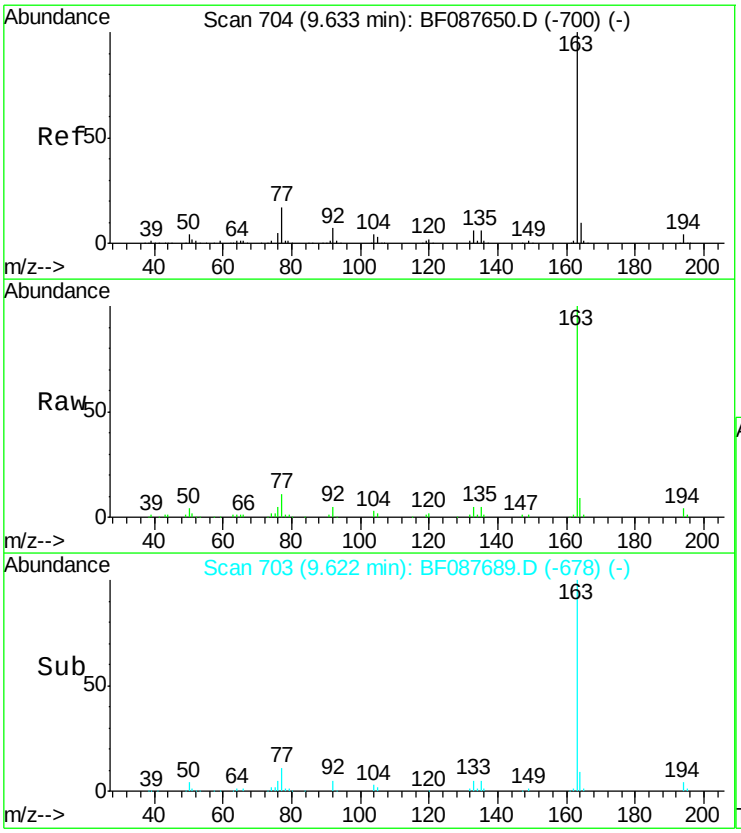
#45
1,1'-Biphenyl
Concen: 6.90 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:154 Resp: 138046

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.6	60.6
76	9.8	0.0	35.1

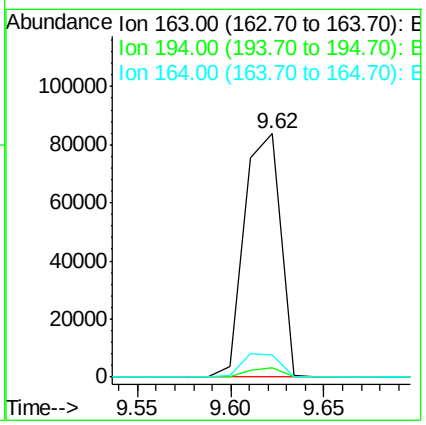


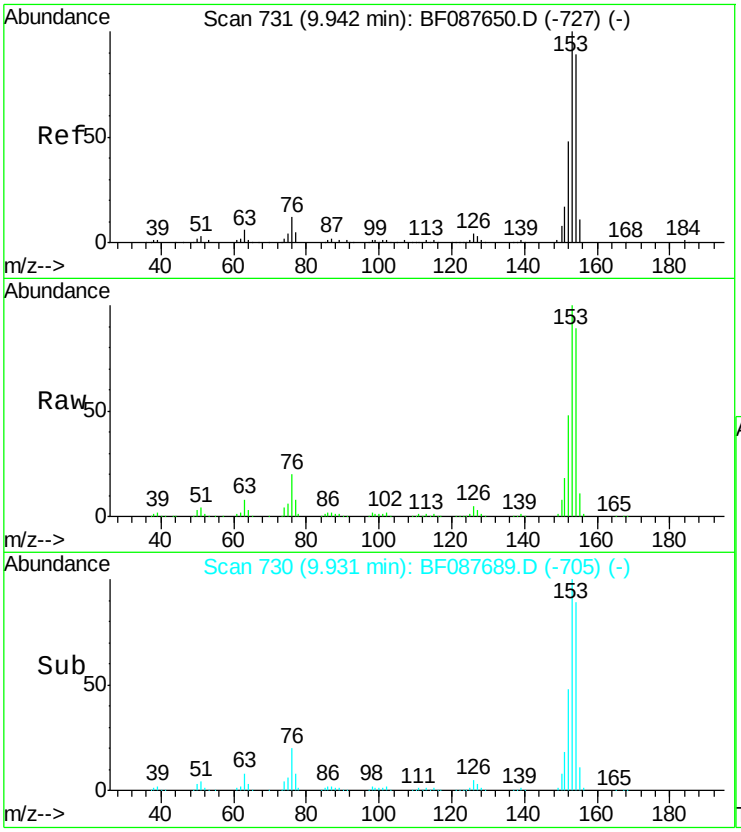


#49
Dimethylphthalate
Concen: 6.26 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:163 Resp: 112092

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.2	8.3	12.5



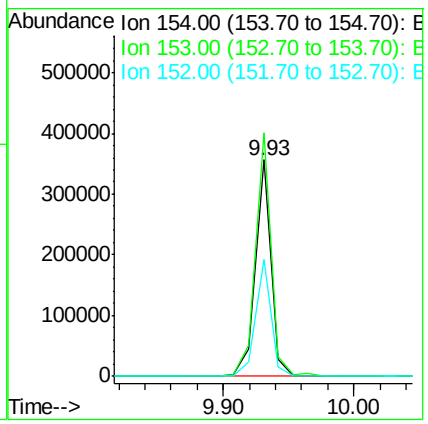


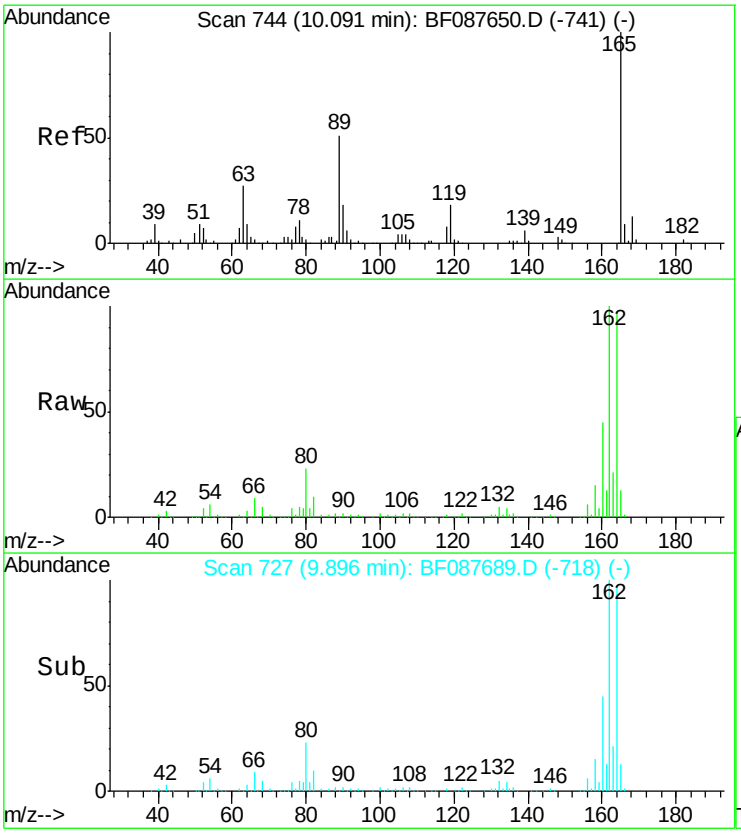
#51
Acenaphthene
Concen: 18.68 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:154 Resp: 298259

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.9	42.7	64.1

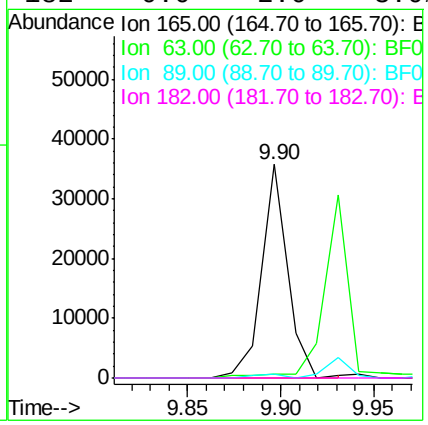


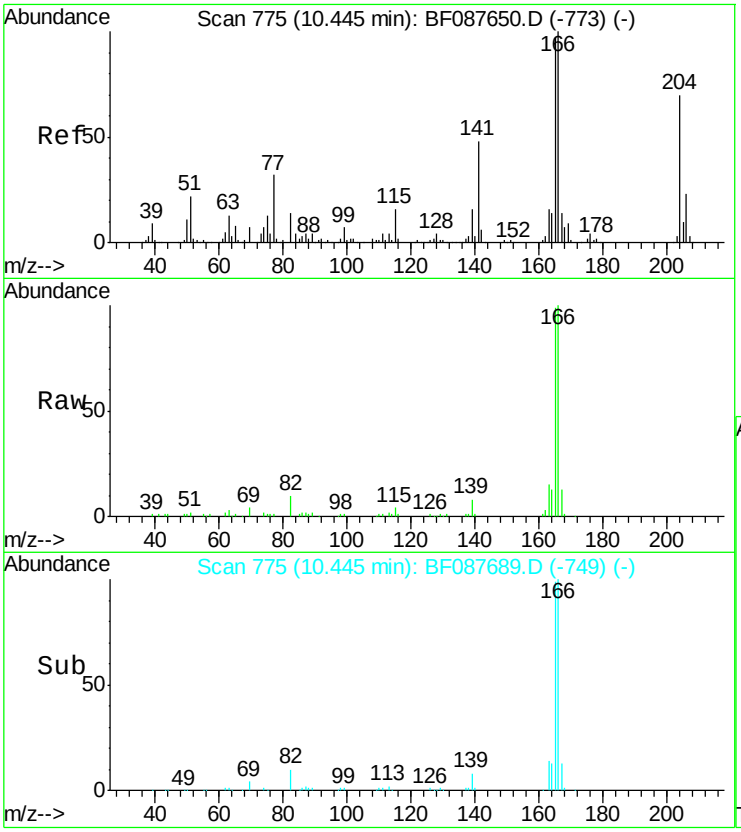


#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:165 Resp: 34132

Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



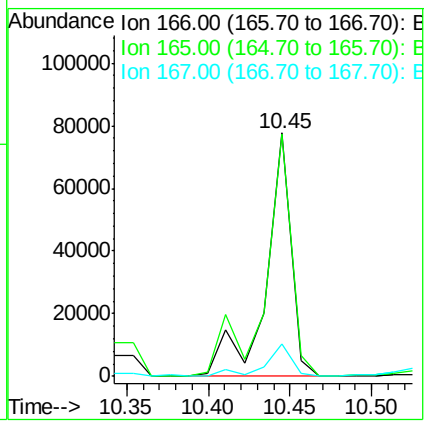


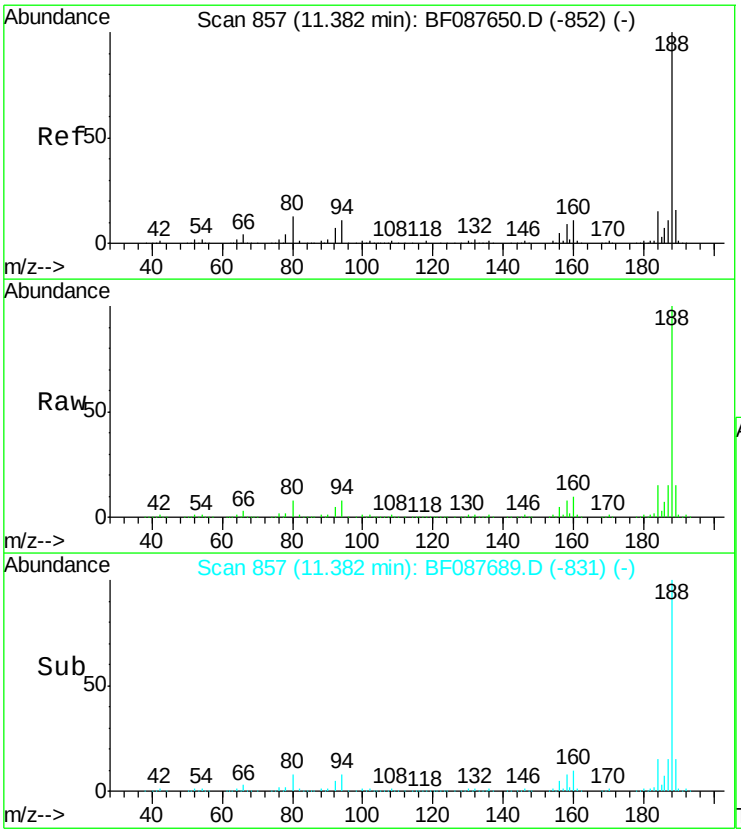
#57
Fluorene
Concen: 4.96 ng
RT: 10.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:166 Resp: 84350

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.8
167	13.4	11.2	16.8

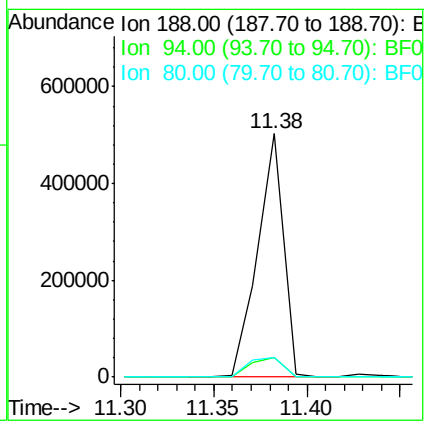


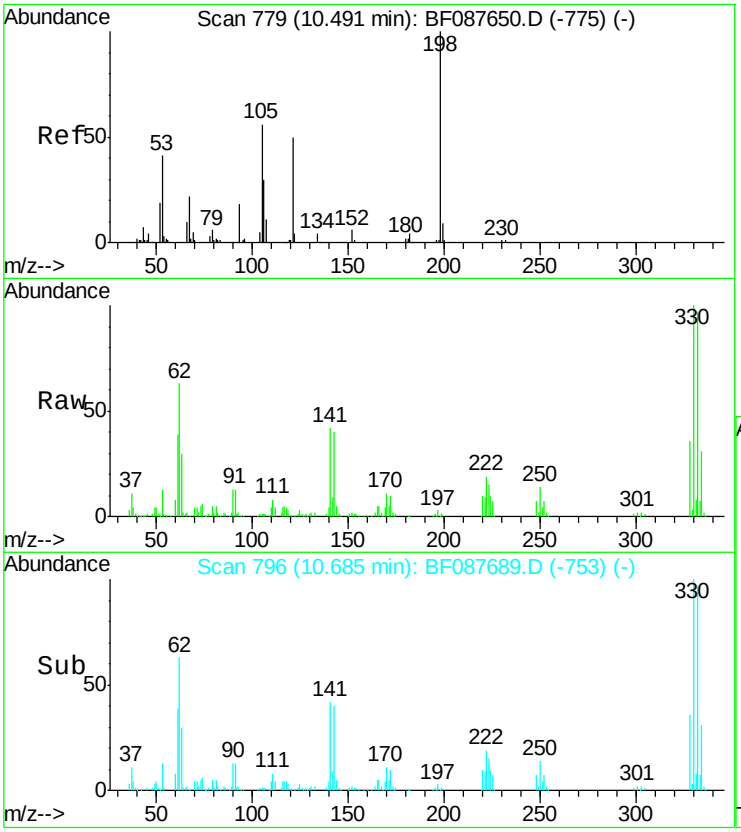


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:188 Resp: 483878

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.6#
80	8.1	10.0	15.0#



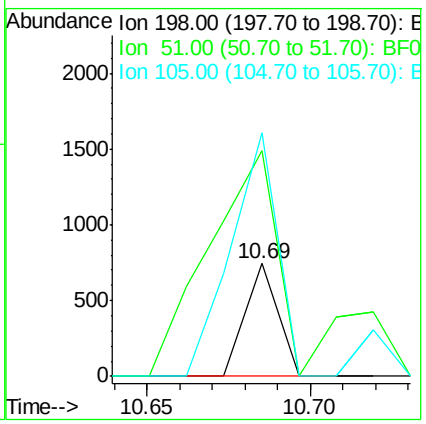


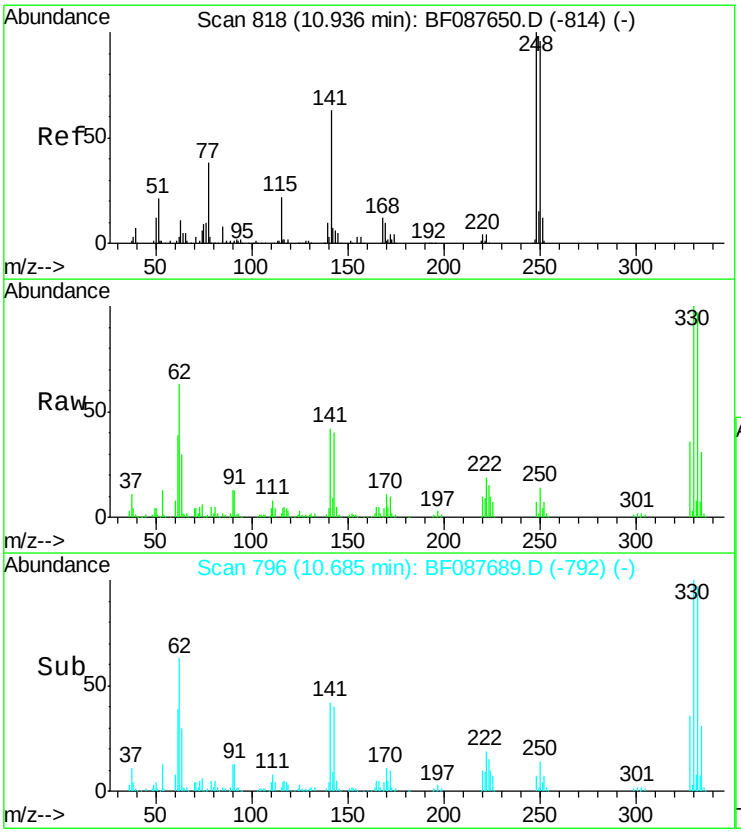
#64
4,6-Dinitro-2-methylphenol
Concen: 2.20 ng
RT: 10.69 min Scan# 796
Delta R.T. 0.20 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:198 Resp: 511

Ion	Ratio	Lower	Upper
198	100		
51	199.6	39.6	79.6#
105	215.7	36.6	76.6#

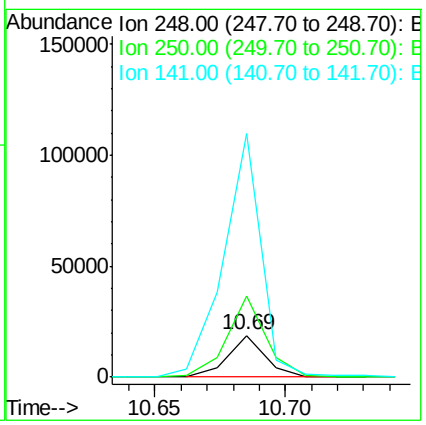


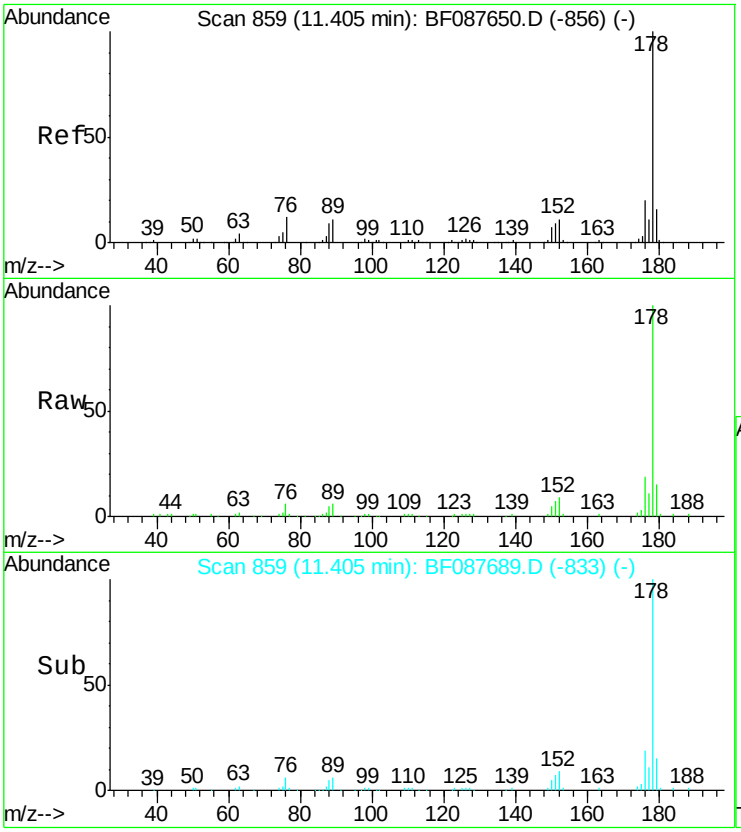


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.69 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:248 Resp: 18623

Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.1	115.7#
141	587.0	50.6	76.0#



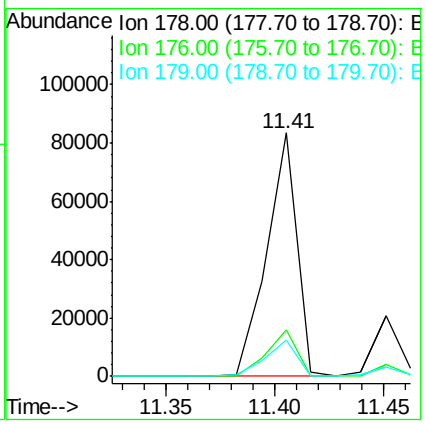


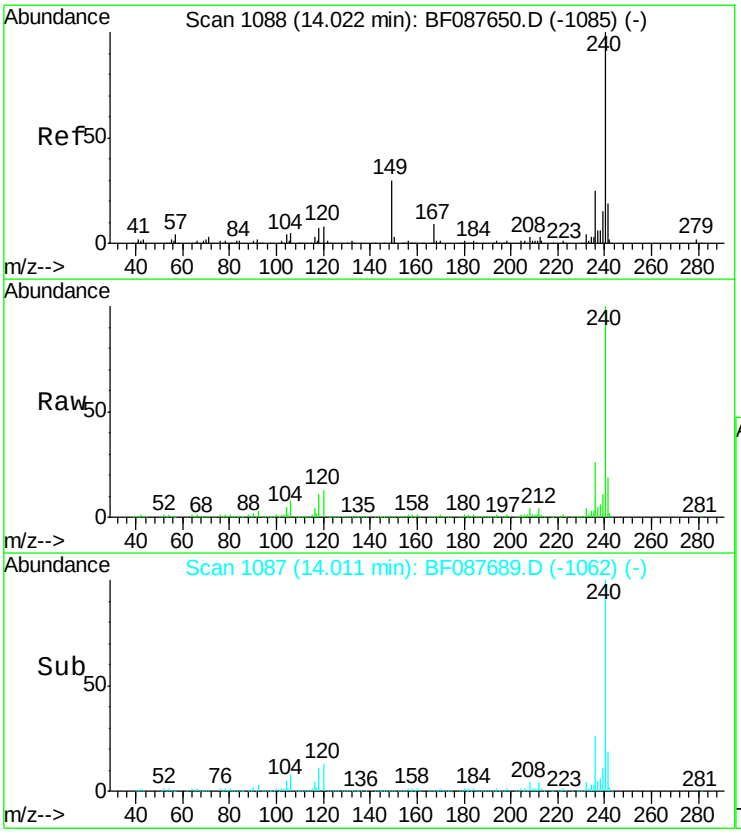
#70
Phenanthrene
Concen: 3.09 ng
RT: 11.41 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:178 Resp: 80939

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.1	13.0	19.4

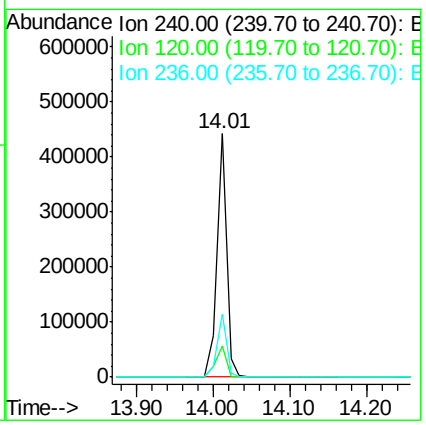


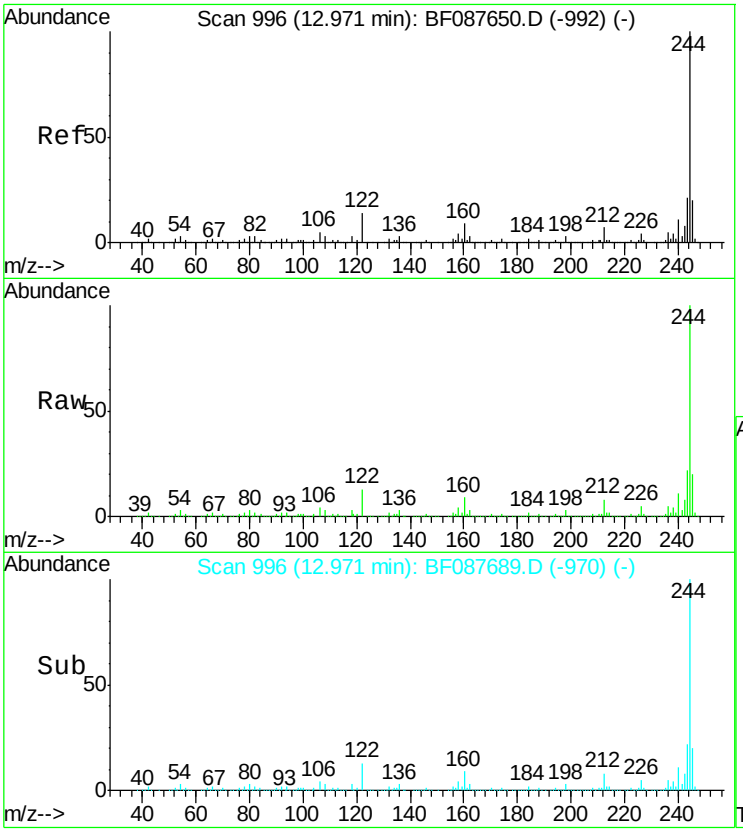


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:240 Resp: 384210

Ion	Ratio	Lower	Upper
240	100		
120	12.7	6.8	10.2#
236	26.0	20.2	30.2



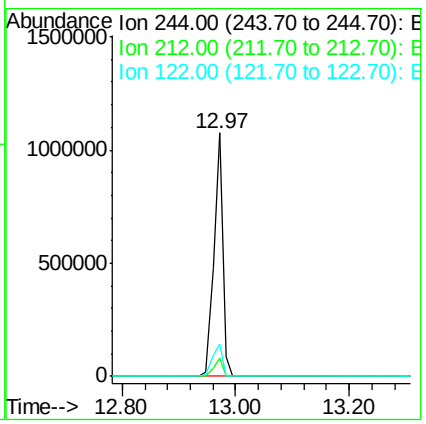


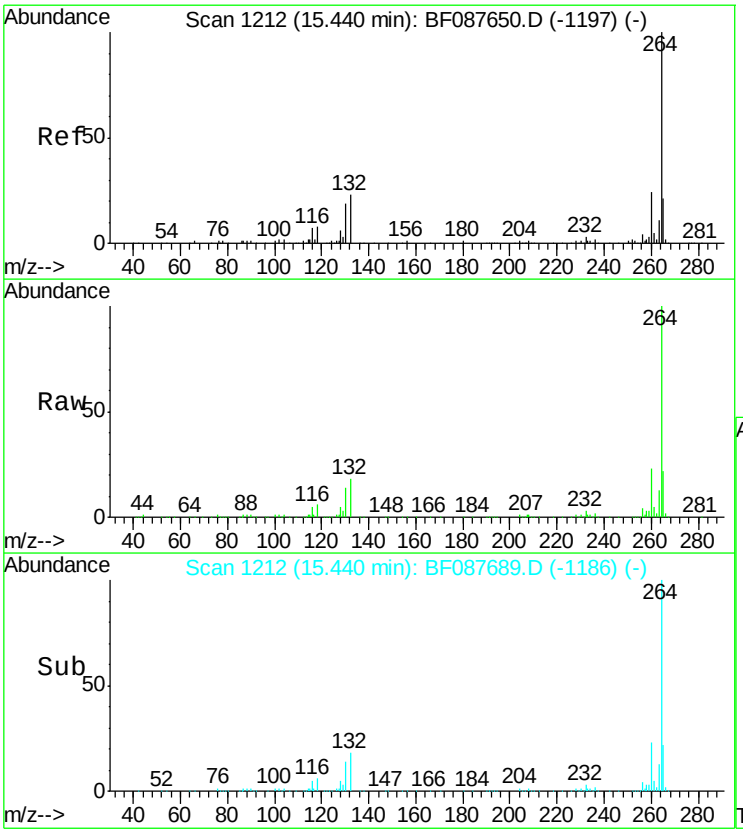
#78
Terphenyl-d14
Concen: 72.69 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087689.D
Acq: 5 Jun 2016 5:10

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:244 Resp: 1144479

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.1	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: BF087689.D
Acq: 5 Jun 2016 5:10

Tgt Ion:264 Resp: 291469

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	16.9	25.3