Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087773.D
Acq On : 7 Jun 2016 3:57
Operator : UM/SJ
Sample : H3344-06DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8DL

Quant Time: Jun 07 06:50:00 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	6.84	152	92255	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	366349	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	145082	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	245312	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	197167	20.00	ng		-0.02
86) Perylene-d12	15.43	264	145657	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	17246	3.02	ng		-0.01
7) Phenol-d6	6.47	99	13988	1.95	ng		-0.02
23) Nitrobenzene-d5	7.40	82	29296	4.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	9738	6.69	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	71094	6.05	ng		-0.02
78) Terphenyl-d14	12.95	244	45216	5.60	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.16	128	1087285	61.04	ng		100
33) 4-Chloroaniline	8.16	127	147019	19.00	ng	#	32
37) 2-Methylnaphthalene	8.95	142	35653	3.03	ng		94
50) 2,6-Dinitrotoluene	9.88	165	18404	7.67	ng	#	37
56) 2,4-Dinitrotoluene	9.88	165	18405	6.02	ng	#	36

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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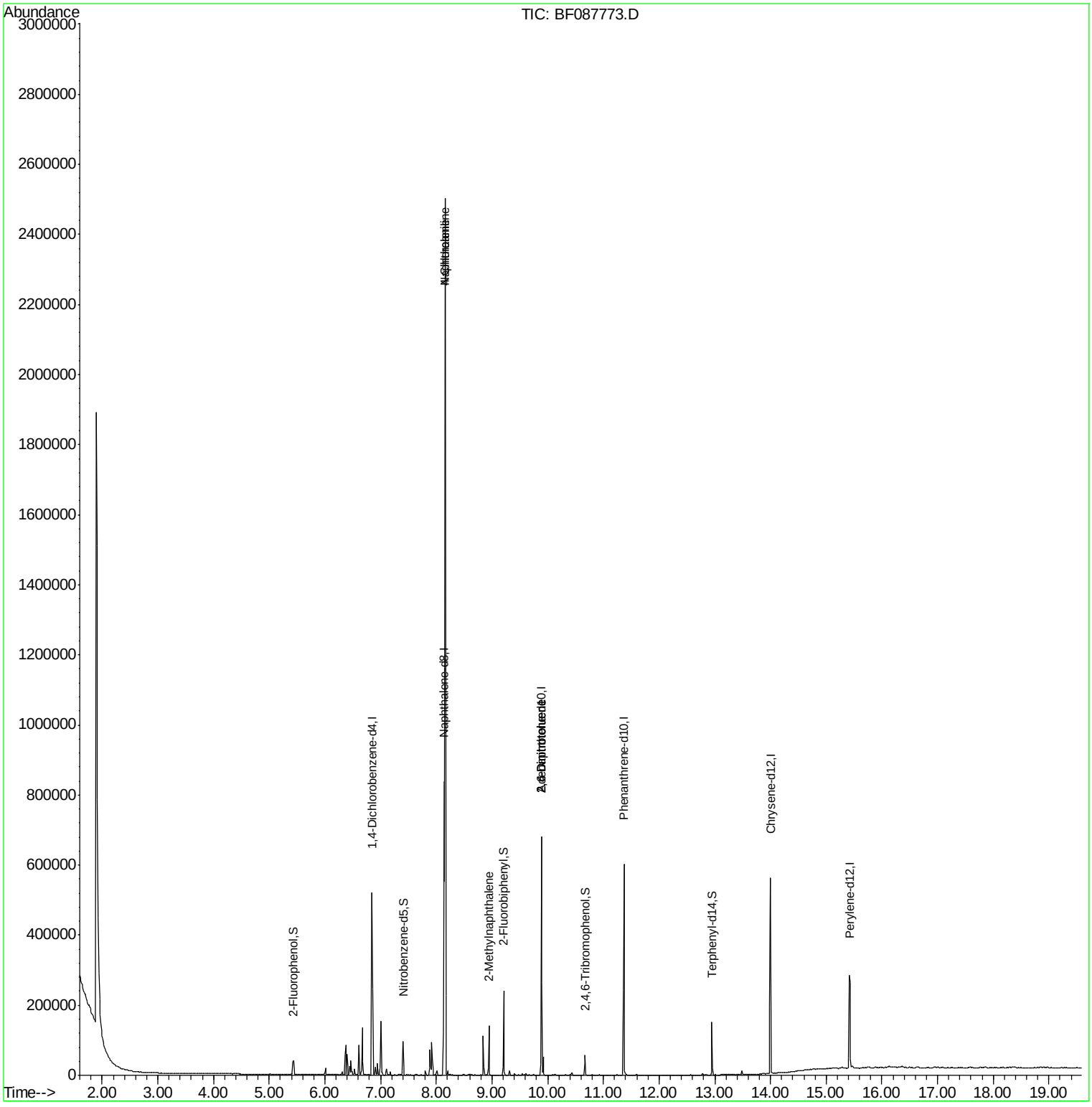
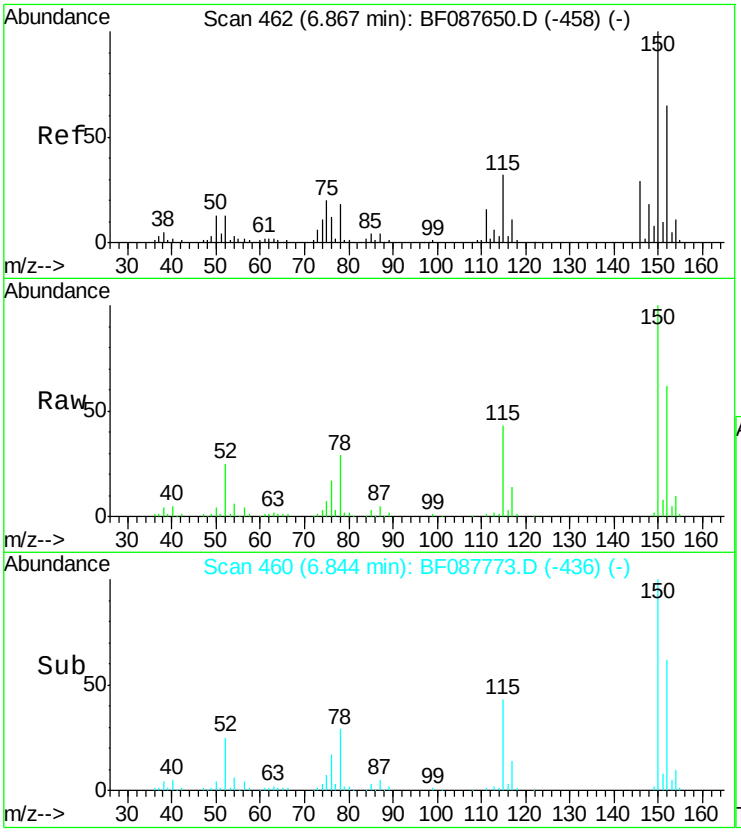


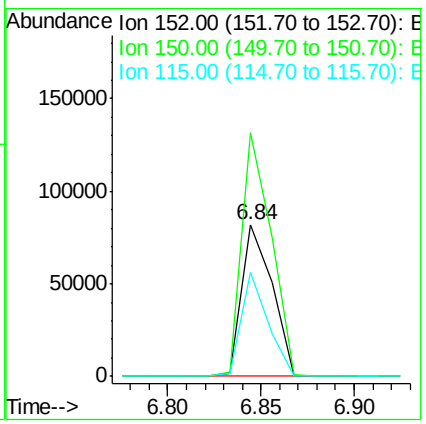


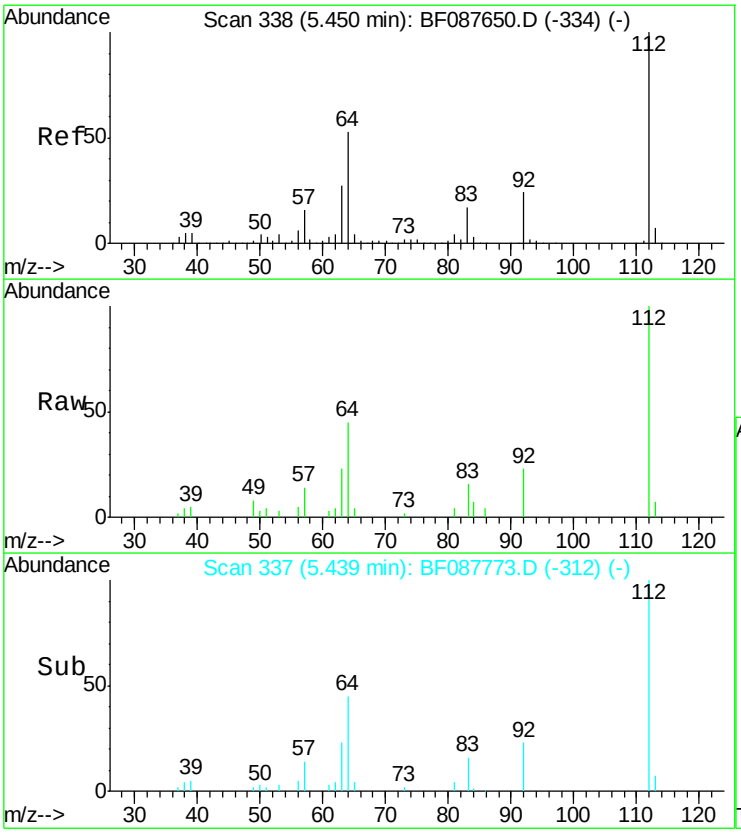
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:152 Resp: 92255

Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.8	185.6
115	68.8	39.6	59.4#

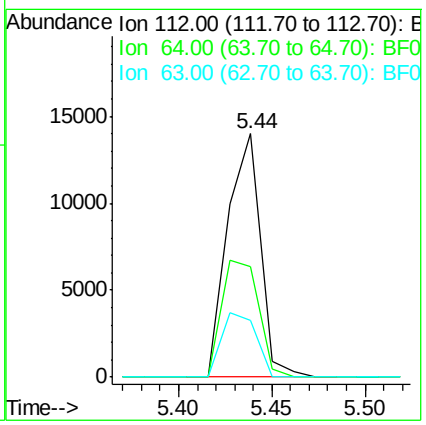


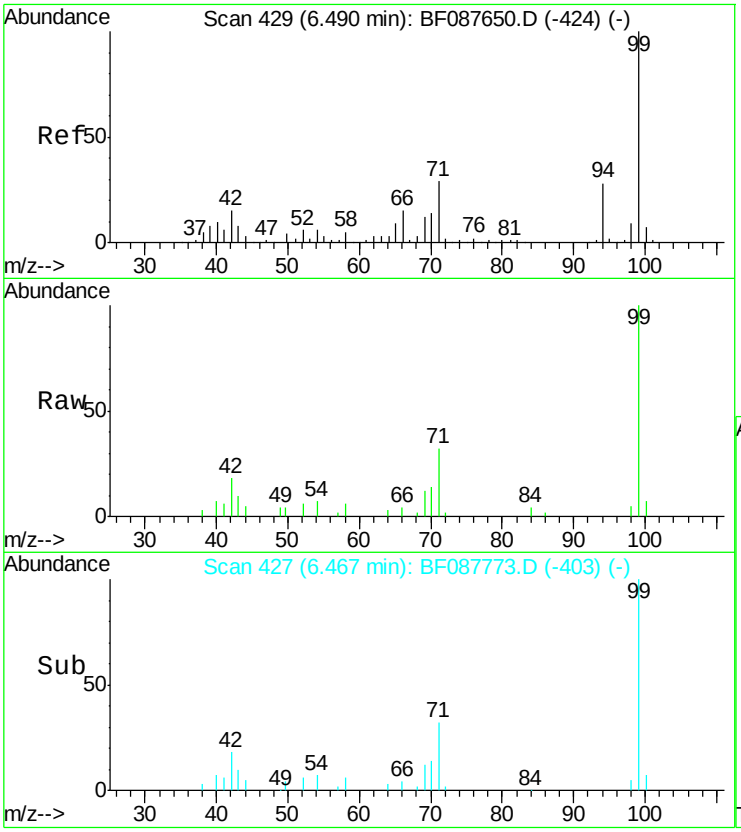


#5
2-Fluorophenol
Concen: 3.02 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:112 Resp: 17246

Ion	Ratio	Lower	Upper
112	100		
64	45.5	42.2	63.2
63	23.2	21.8	32.8



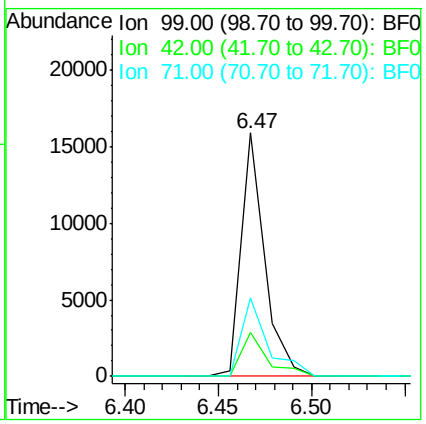


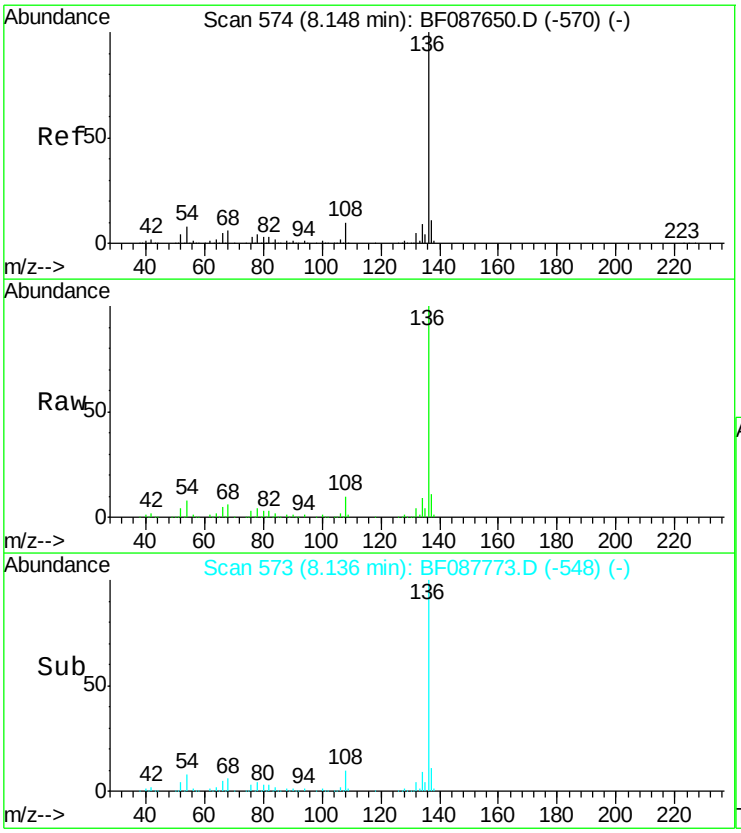
#7
Phenol-d6
Concen: 1.95 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion: 99 Resp: 13988

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	32.0	23.4	35.0

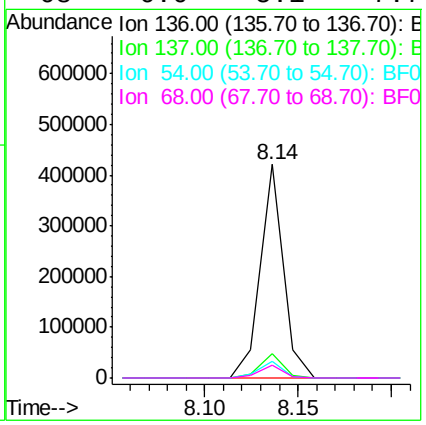


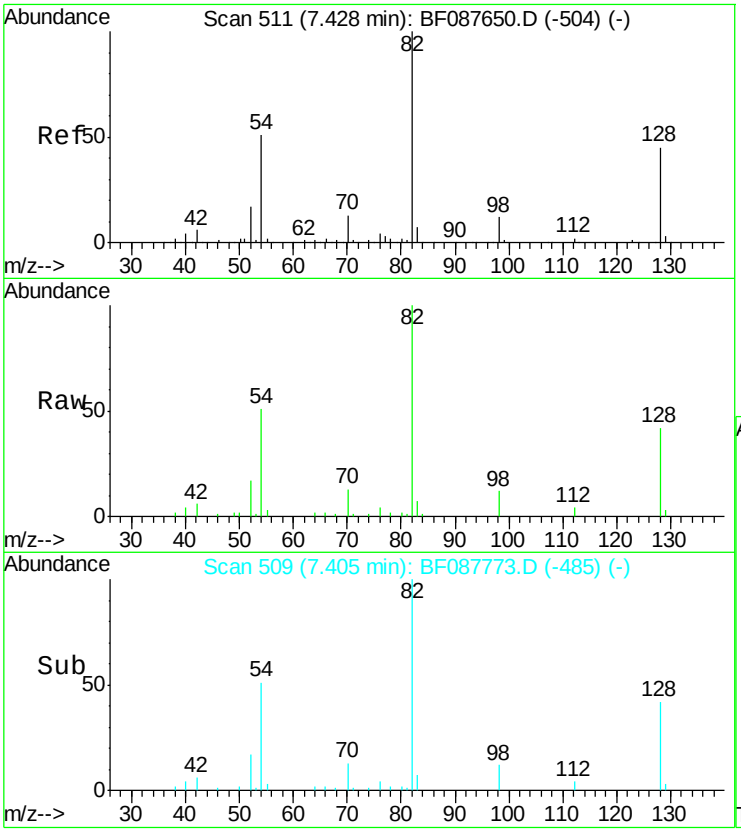


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:136 Resp: 366349

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	6.6	10.0
68	6.0	5.1	7.7



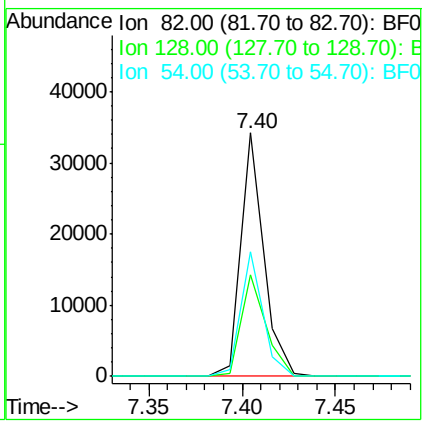


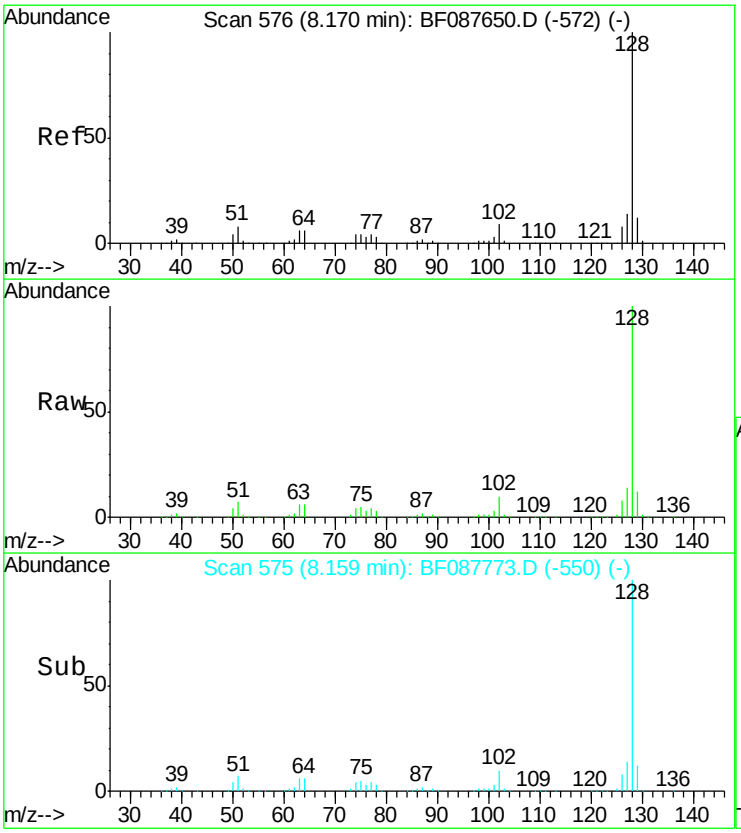
#23
Nitrobenzene-d5
Concen: 4.63 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion: 82 Resp: 29296

Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.9	53.9
54	51.1	40.9	61.3

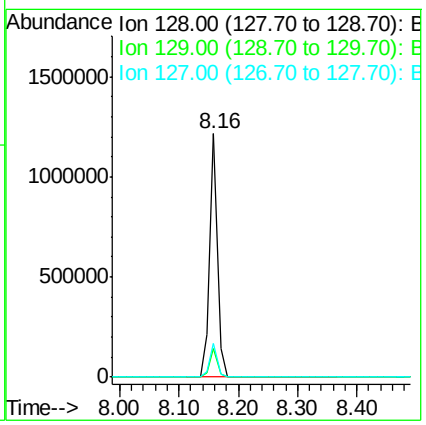


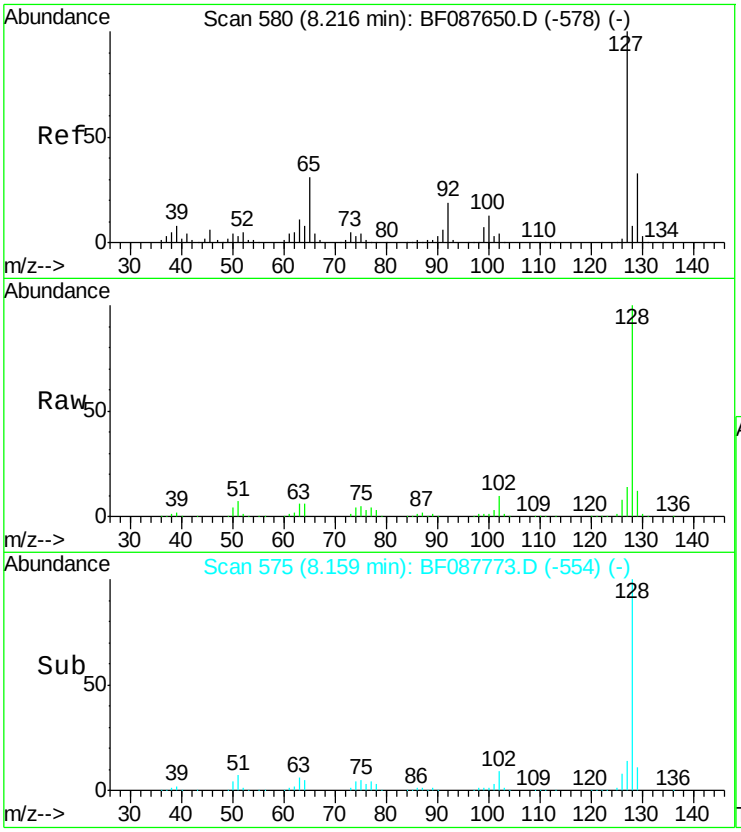


#31
Naphthalene
Concen: 61.04 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:128 Resp: 1087285

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.8	10.9	16.3



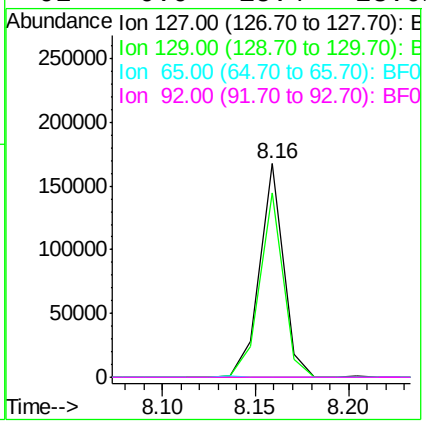


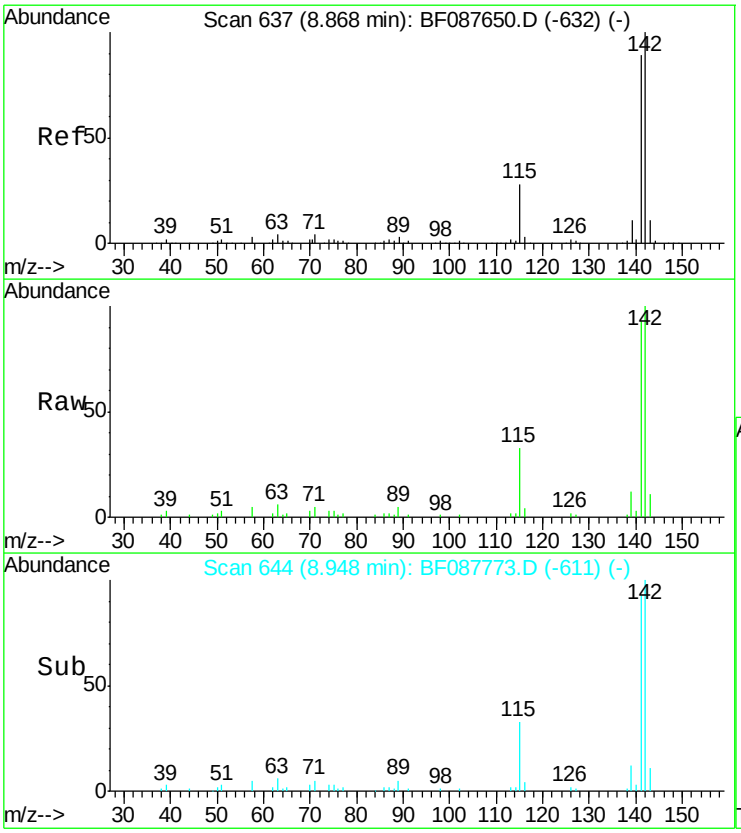
#33
4-Chloroaniline
Concen: 19.00 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.06 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:127 Resp: 147019

Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

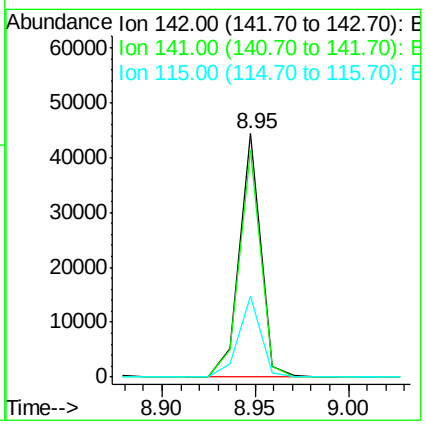


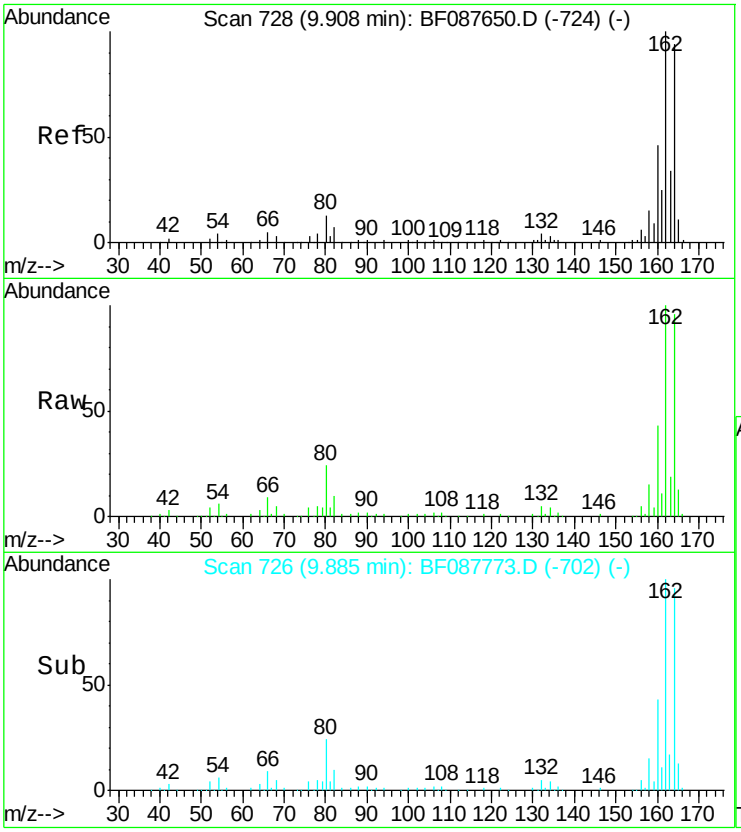


#37
2-Methylnaphthalene
Concen: 3.03 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.08 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:142 Resp: 35653

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.0	106.6
115	33.1	22.6	33.8



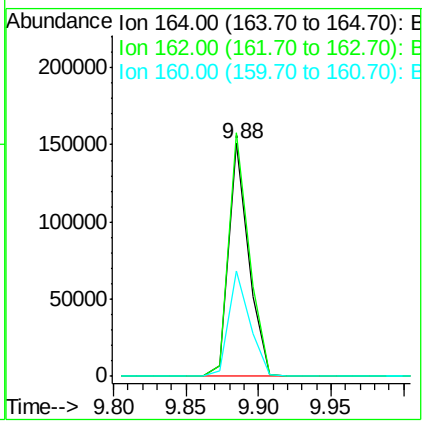


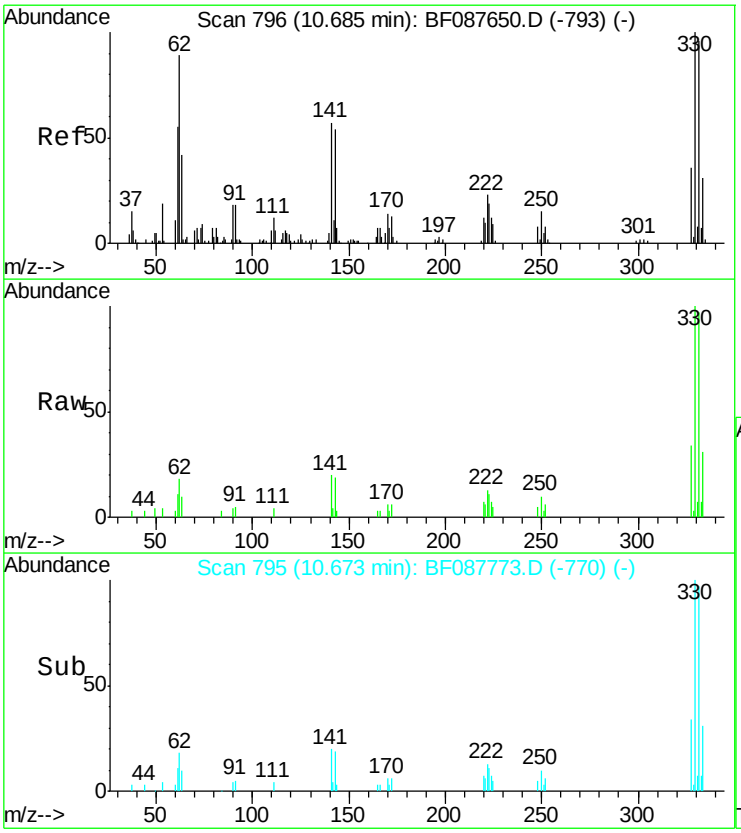
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:164 Resp: 145082

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	45.3	39.5	59.3

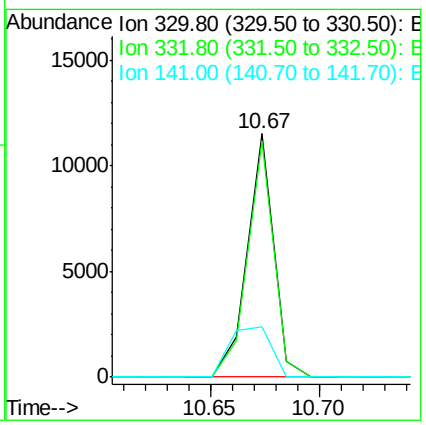


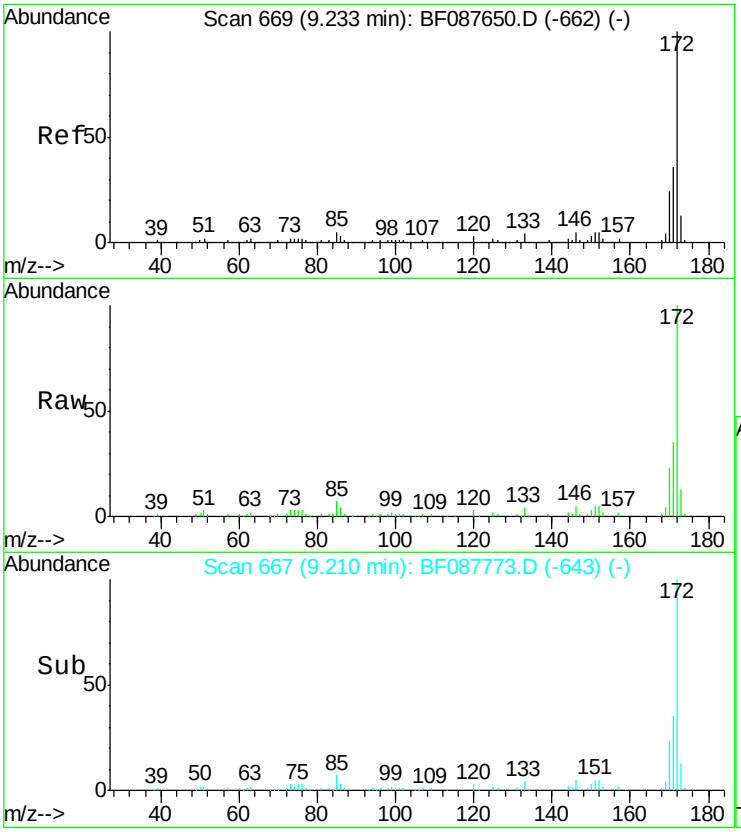


#41
2,4,6-Tribromophenol
Concen: 6.69 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:330 Resp: 9738

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.4	0.0	0.0#



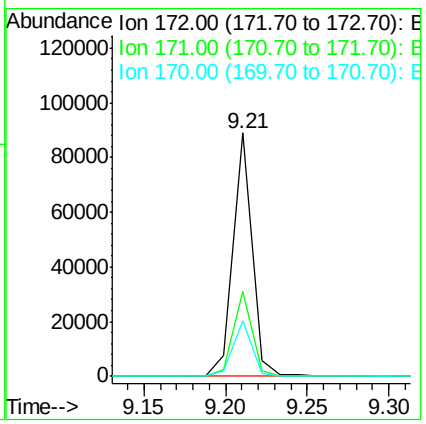


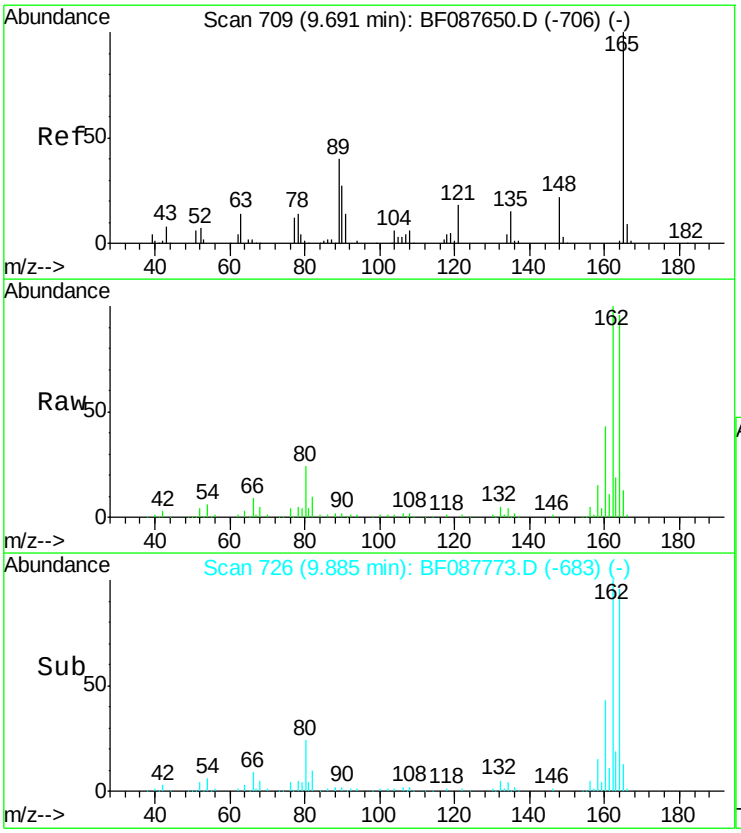
#44
2-Fluorobiphenyl
Concen: 6.05 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:172 Resp: 71094

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.8	19.2	28.8

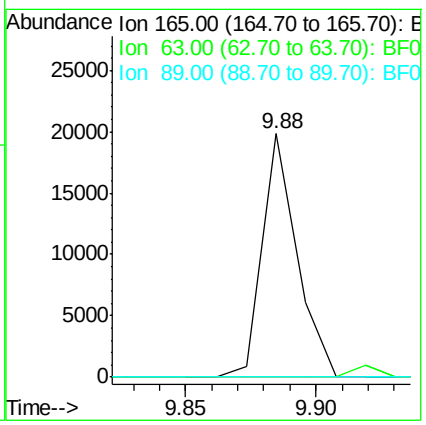


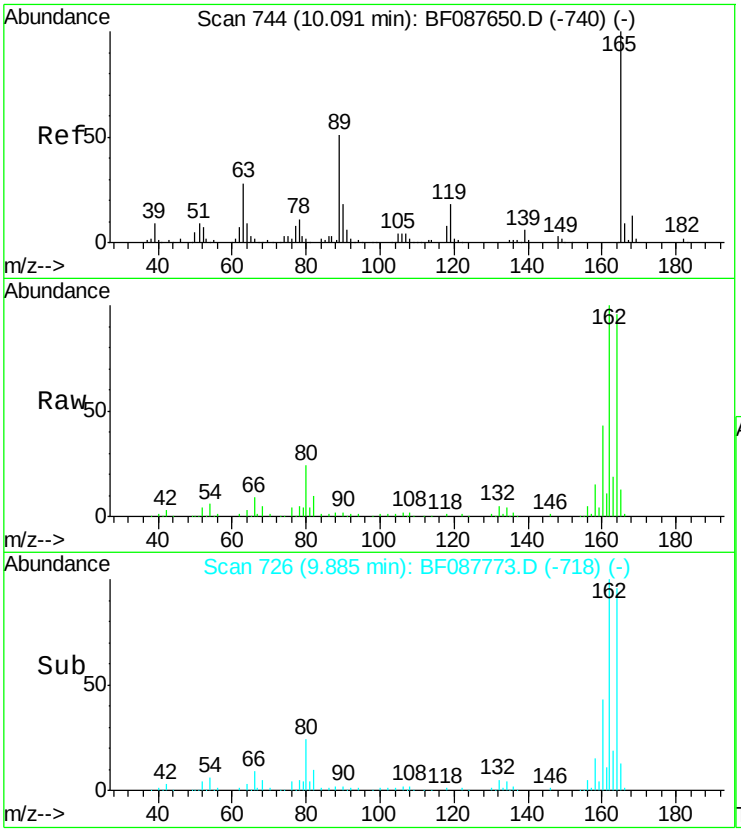


#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:165 Resp: 18404

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



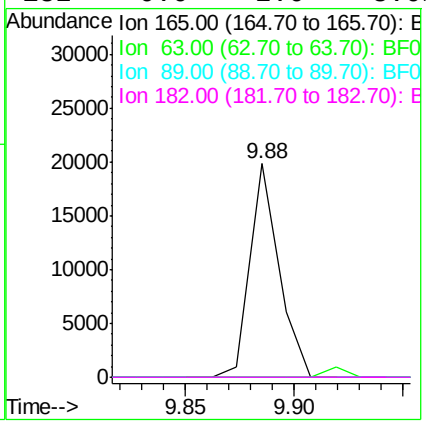


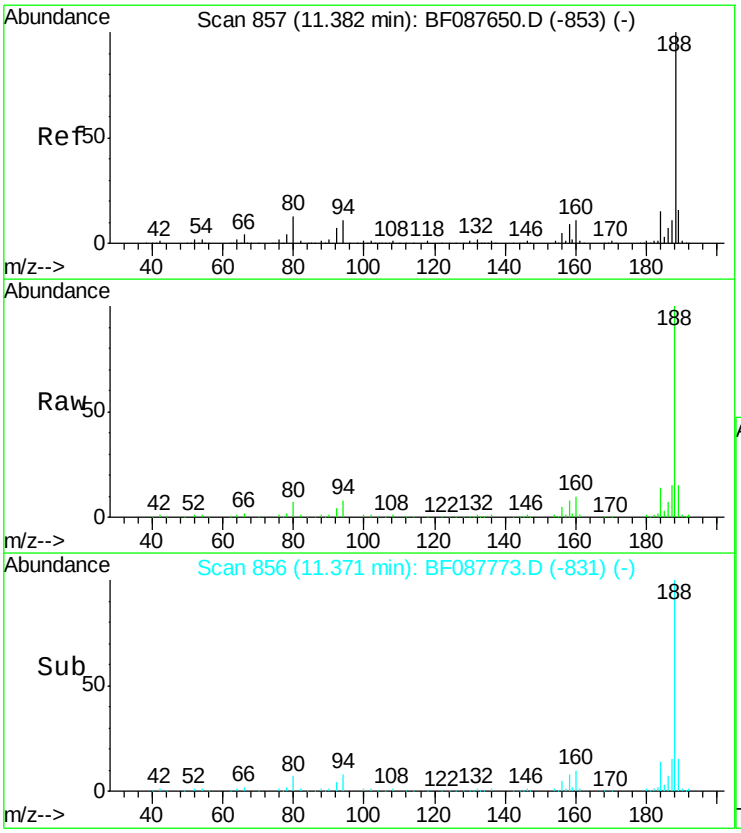
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:165 Resp: 18405

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

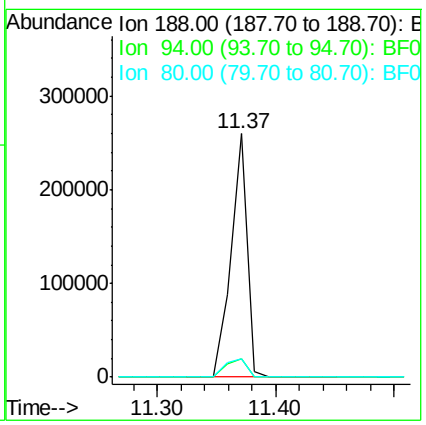


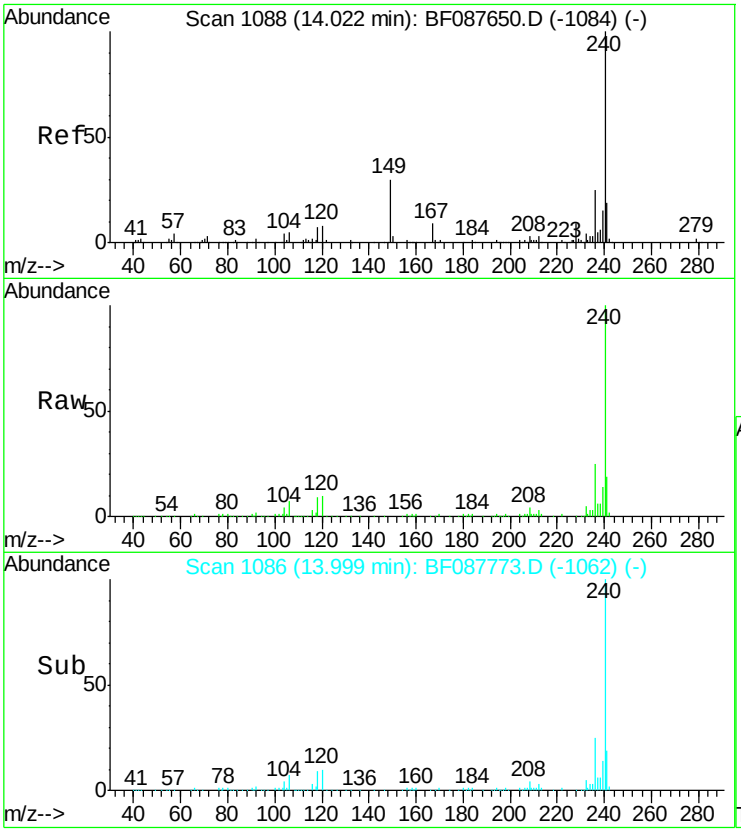


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:188 Resp: 245312

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.3	10.0	15.0#



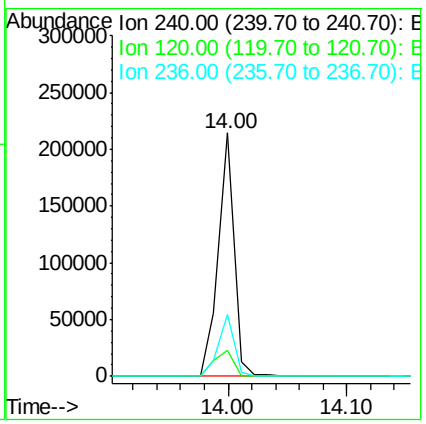


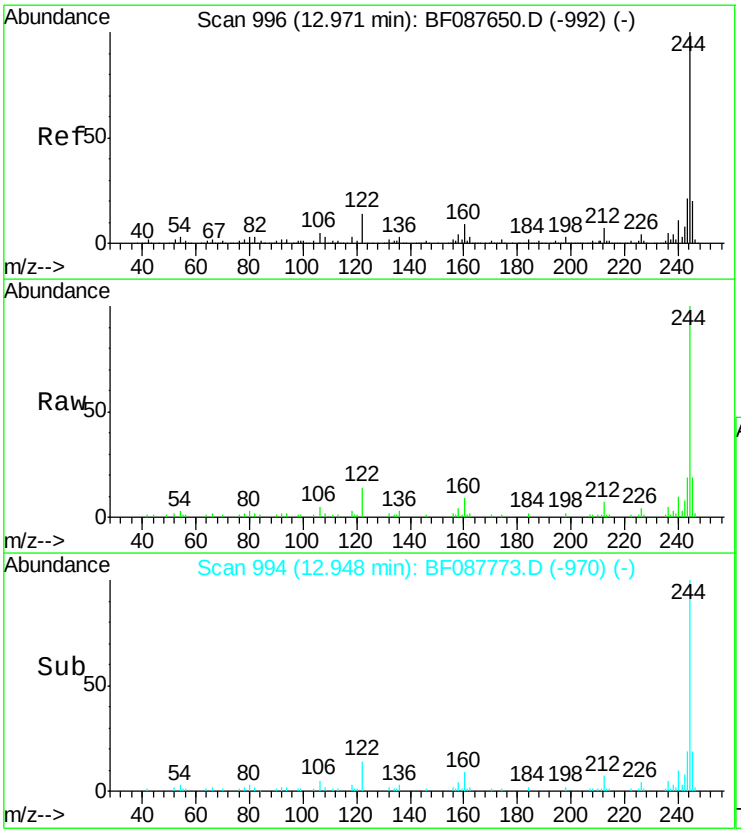
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:240 Resp: 197167

Ion	Ratio	Lower	Upper
240	100		
120	10.5	6.8	10.2#
236	25.3	20.2	30.2

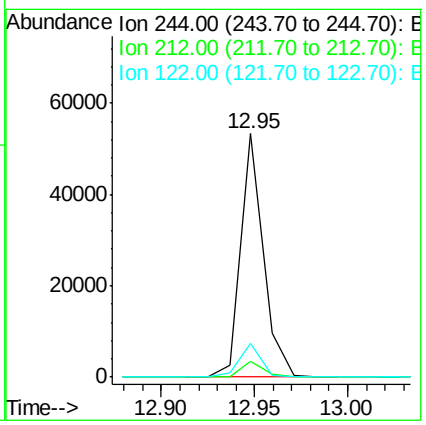


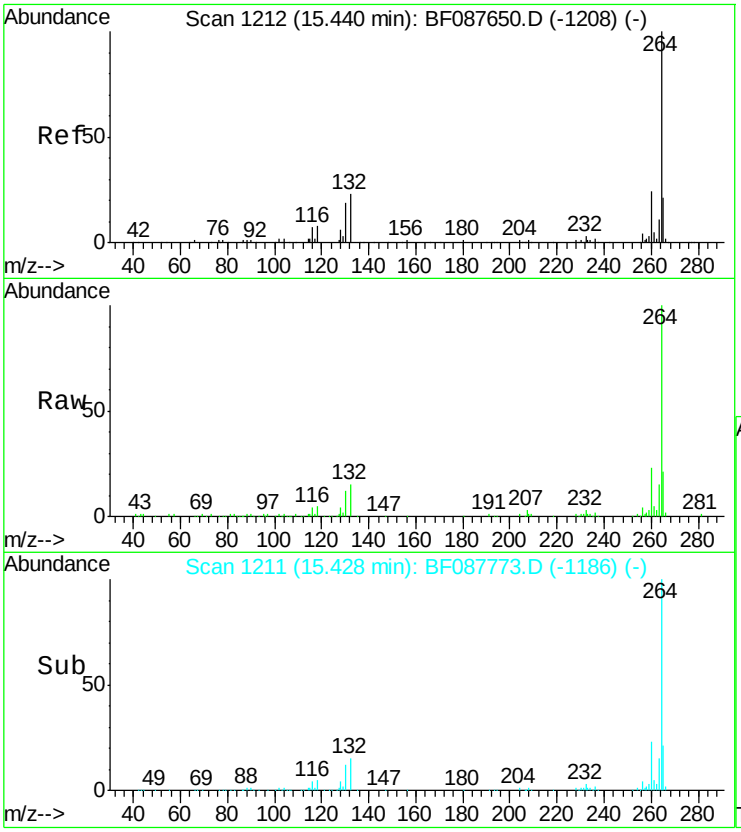


#78
Terphenyl-d14
Concen: 5.60 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Tgt Ion:244 Resp: 45216

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.7	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion:264 Resp: 145657

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.9	25.3