Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087938.D
Acq On : 12 Jun 2016 9:45
Operator : UM/SJ
Sample : H3504-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Time: Jun 13 01:14:38 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 01:05:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120228	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	505317	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	229457	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	434858	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	312261	20.00	ng		-0.03
86) Perylene-d12	15.37	264	246743	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	522195	74.25	ng		-0.03
7) Phenol-d6	6.43	99	447106	52.46	ng		-0.05
23) Nitrobenzene-d5	7.37	82	743224	85.89	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	312712	129.07	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1446428	100.00	ng		-0.03
78) Terphenyl-d14	12.91	244	1042271	75.95	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	18629	3.02	ng	#	72
10) Phenol	6.44	94	2698	Below Cal			84
19) n-Nitroso-di-n-propylamine	7.37	70	100062	18.35	ng	#	72
45) 1,1'-Biphenyl	9.16	154	2804	Below Cal		#	1
49) Dimethylphthalate	9.56	163	109839	6.61	ng		98
56) 2,4-Dinitrotoluene	9.84	165	29070	5.94	ng	#	38
57) Fluorene	10.63	166	13628	Below Cal		#	90
64) 4,6-Dinitro-2-methylphenol	10.63	198	629	2.38	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	18913	4.05	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087938.D
Acq On : 12 Jun 2016 9:45
Operator : UM/SJ
Sample : H3504-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
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MW-6

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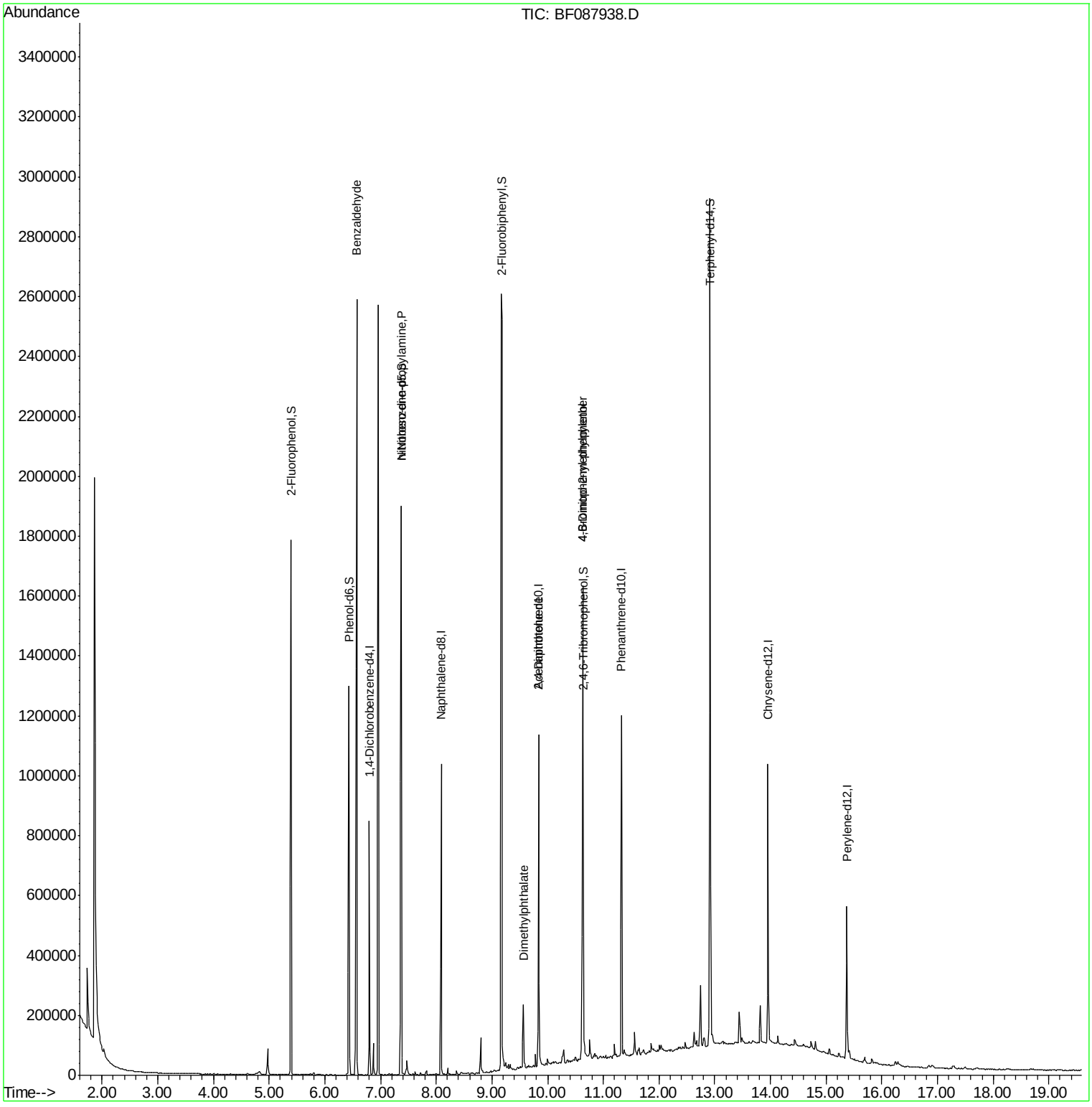
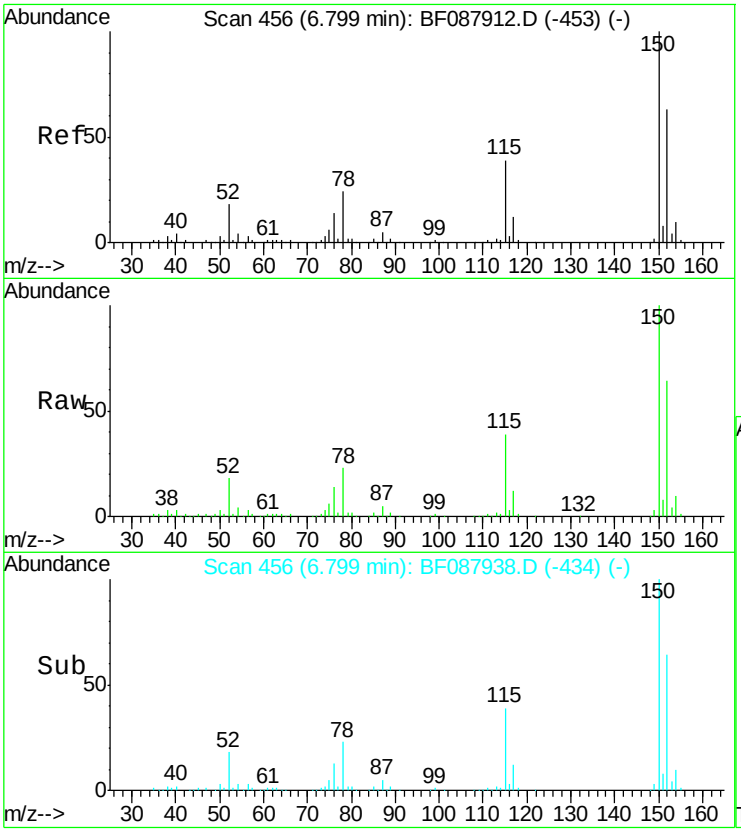


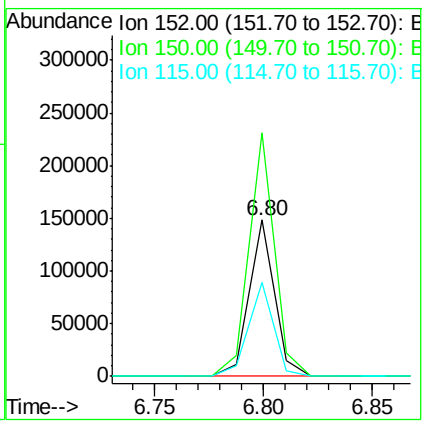


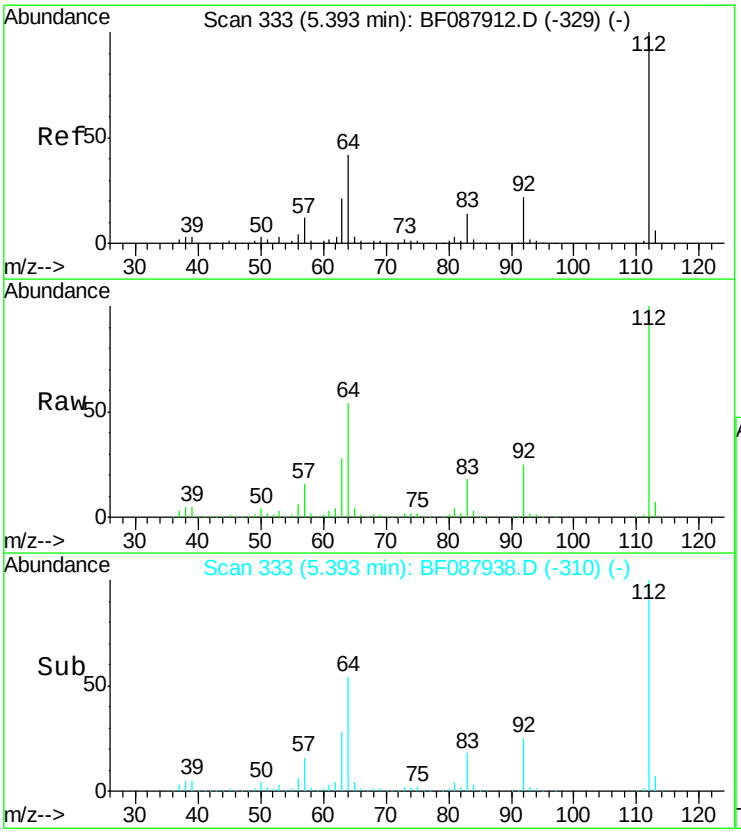
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 120228

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	60.2	39.6	59.4#

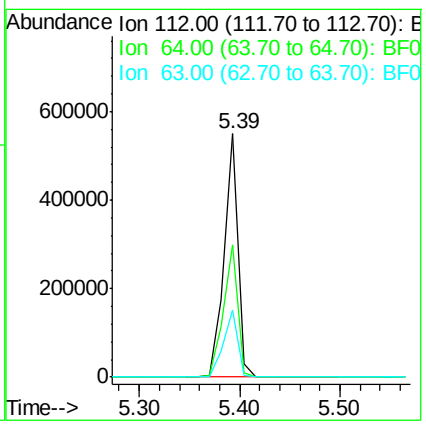


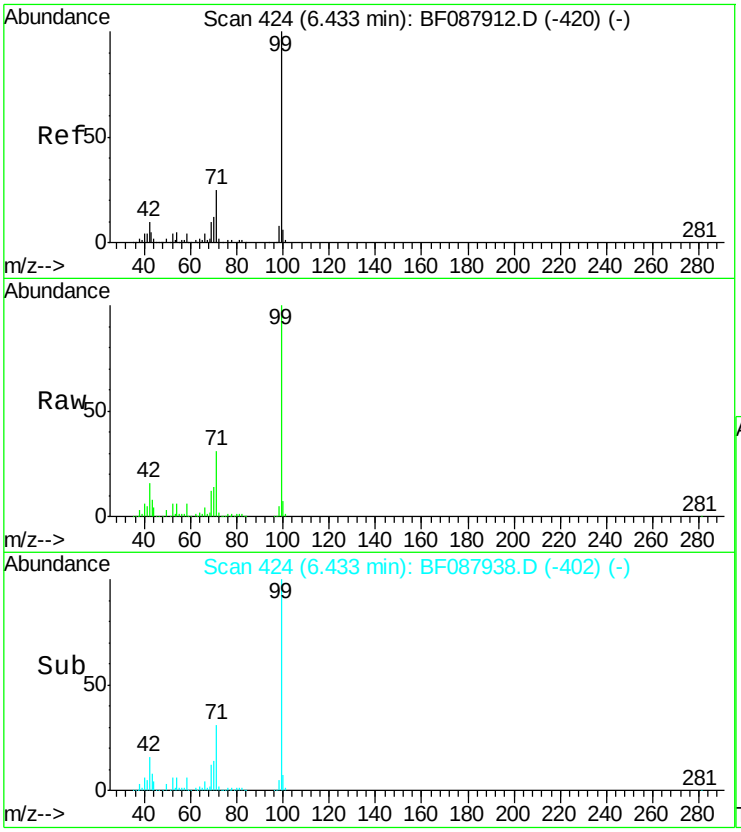


#5
2-Fluorophenol
Concen: 74.25 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:112 Resp: 522195

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.2	63.2
63	27.8	21.8	32.8



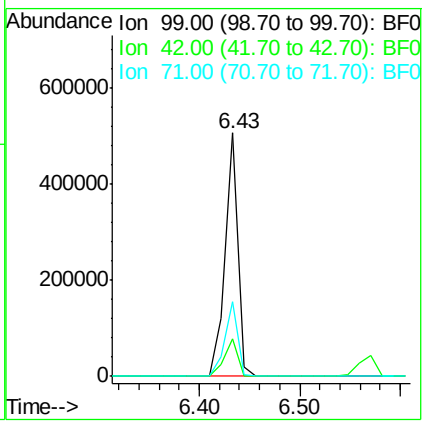


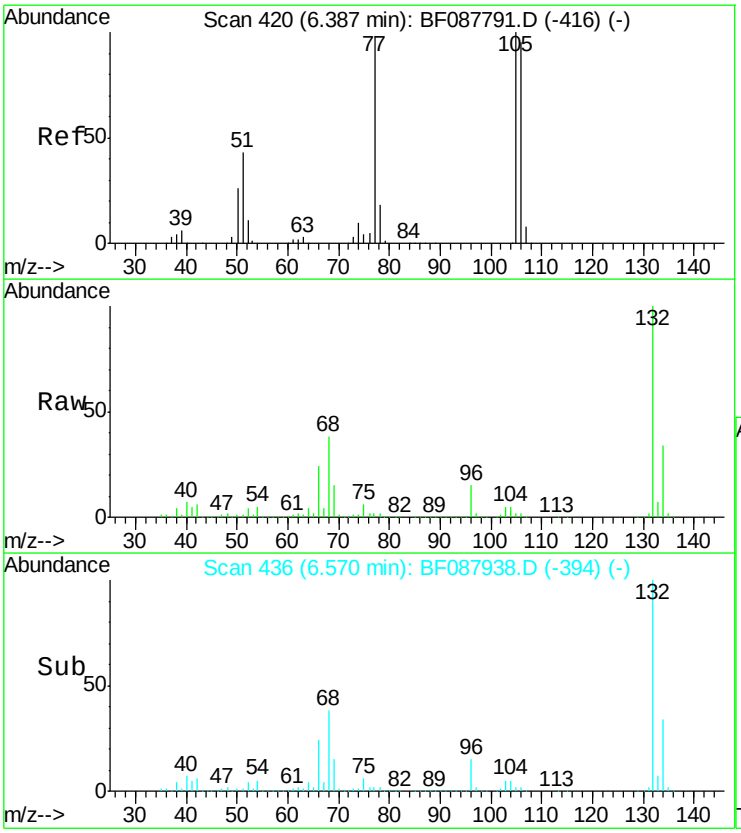
#7
Phenol-d6
Concen: 52.46 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 447106

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	30.8	23.4	35.0

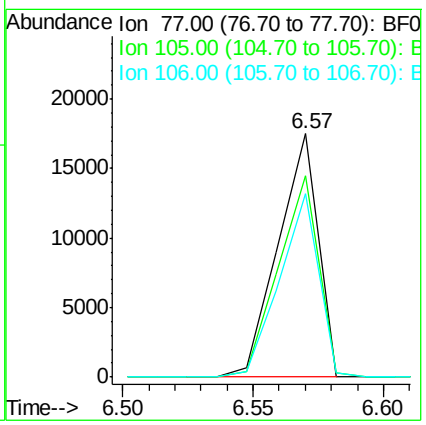


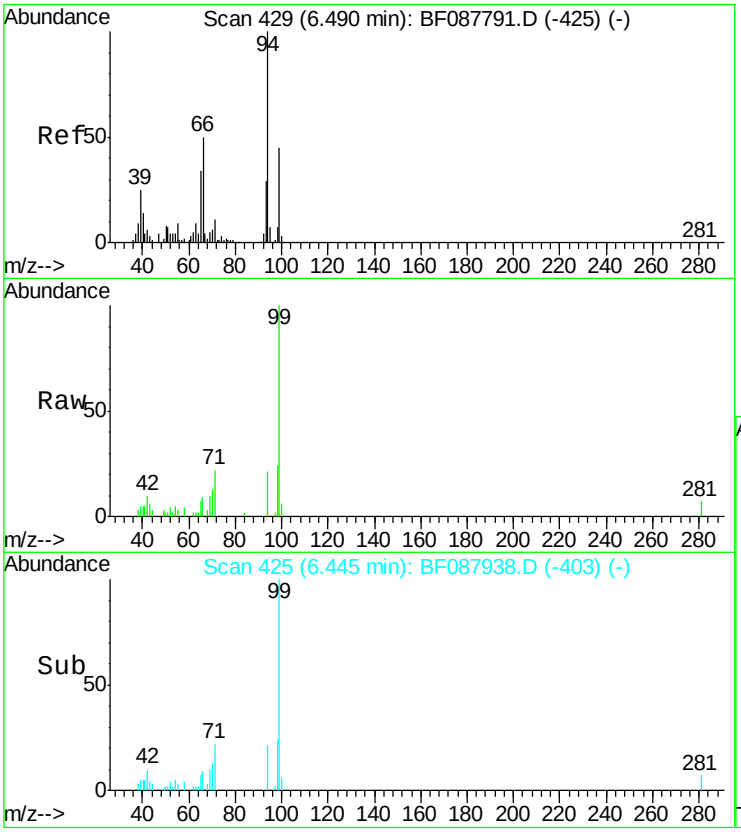


#9
Benzaldehyde
Concen: 3.02 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.18 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion: 77 Resp: 18629

Ion	Ratio	Lower	Upper
77	100		
105	82.6	90.6	130.6#
106	75.4	85.3	125.3#



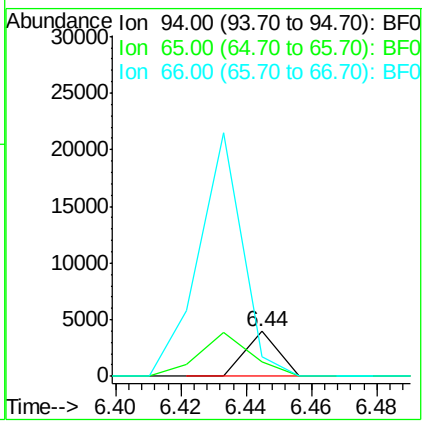


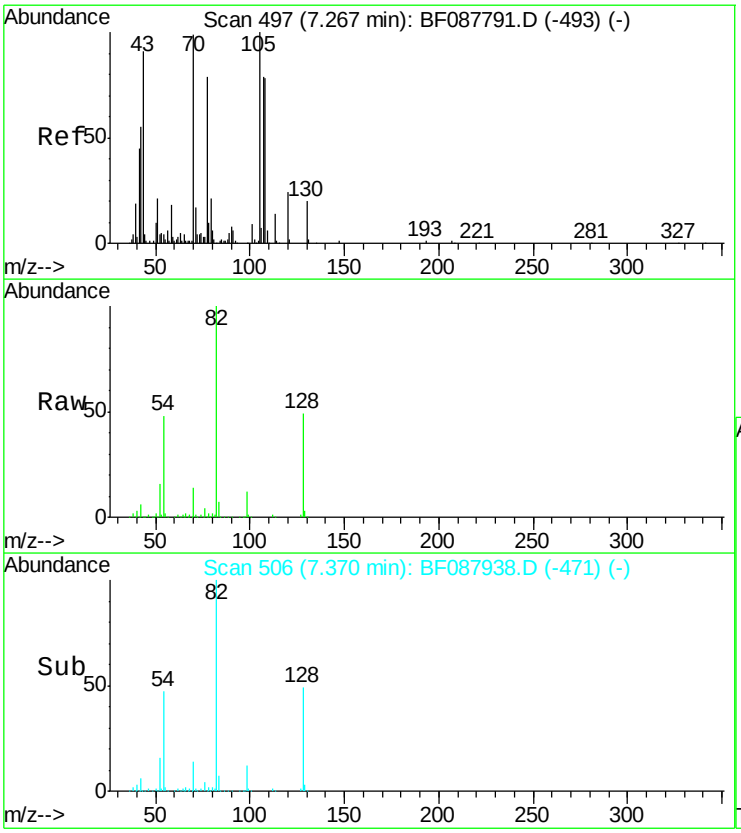
#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 94 Resp: 2698

Ion	Ratio	Lower	Upper
94	100		
65	32.0	5.9	45.9
66	44.6	14.0	54.0

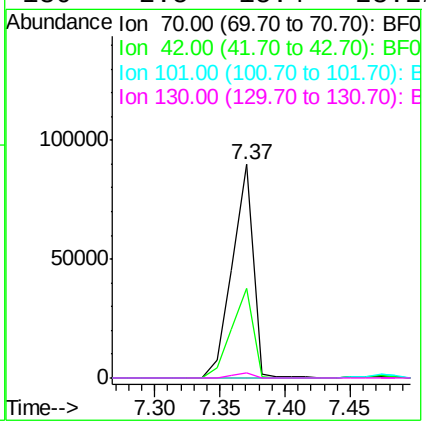


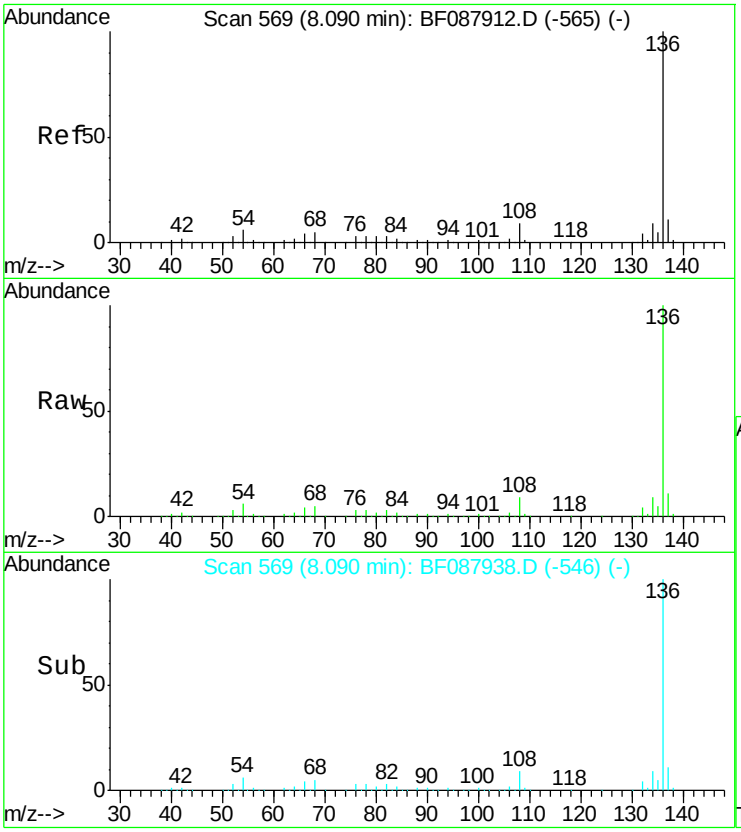


#19
n-Nitroso-di-n-propylamine
Concen: 18.35 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion: 70 Resp: 100062

Ion	Ratio	Lower	Upper
70	100		
42	41.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



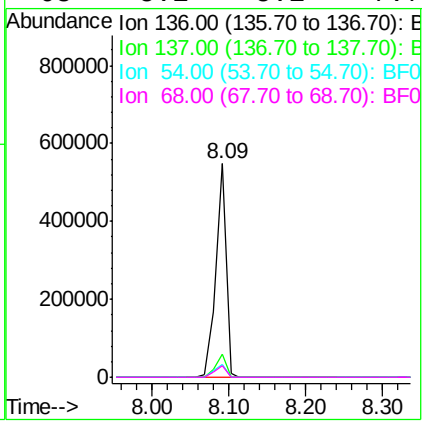


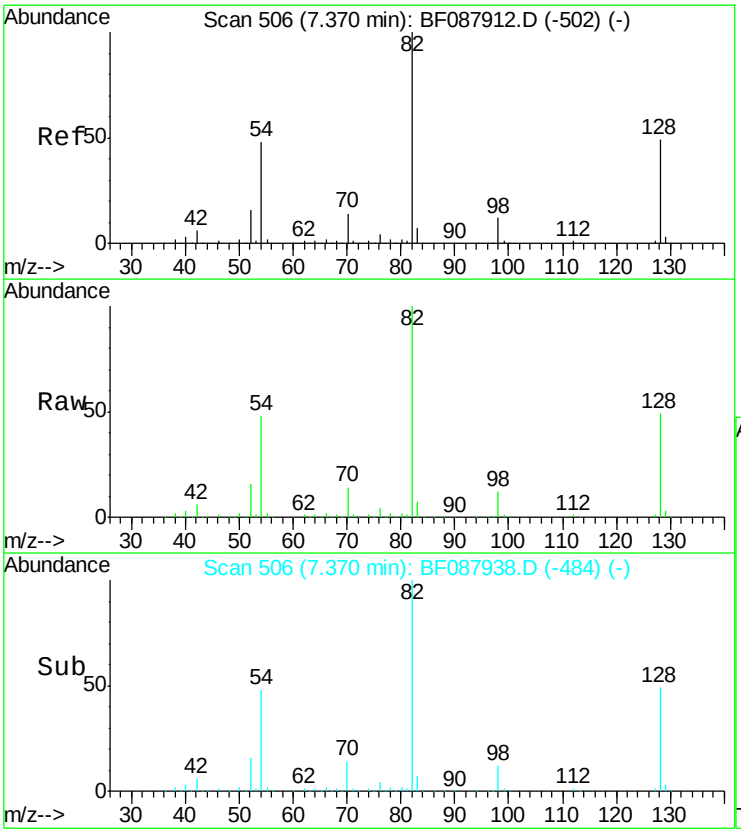
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 505317

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	6.6	10.0#
68	5.1	5.1	7.7

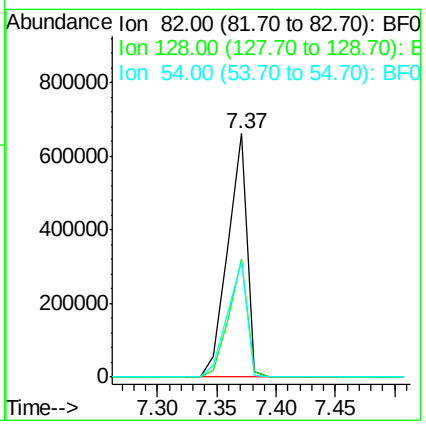


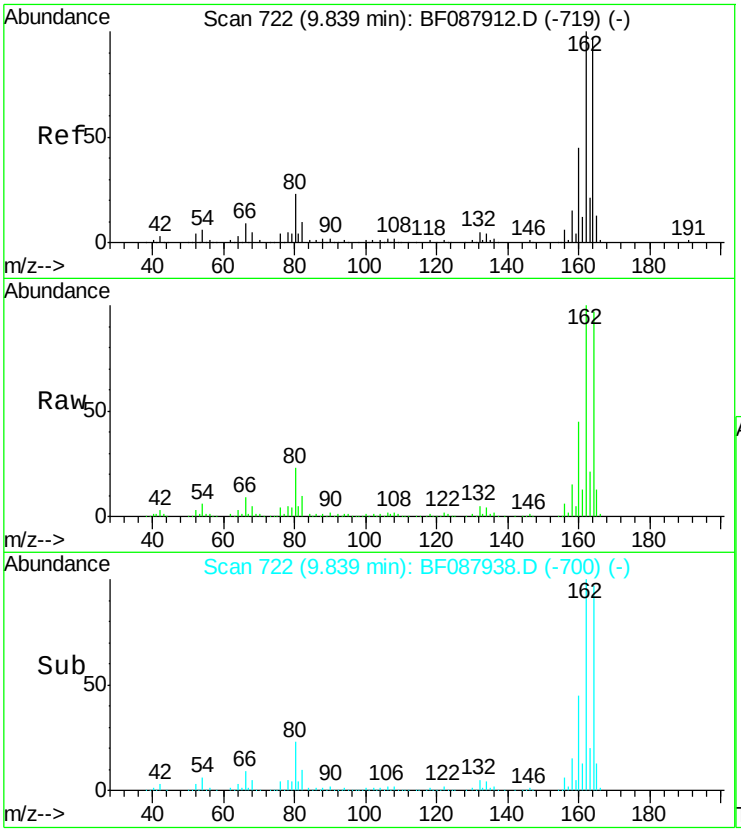


#23
Nitrobenzene-d5
Concen: 85.89 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion: 82 Resp: 743224

Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.9	53.9
54	47.5	40.9	61.3



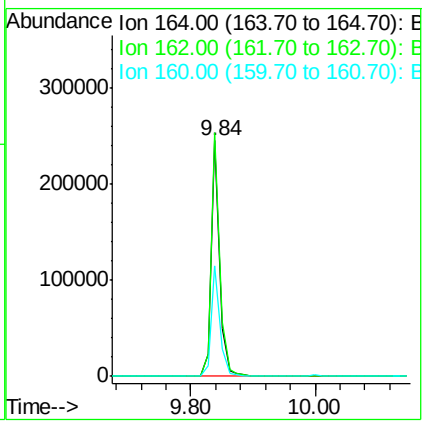


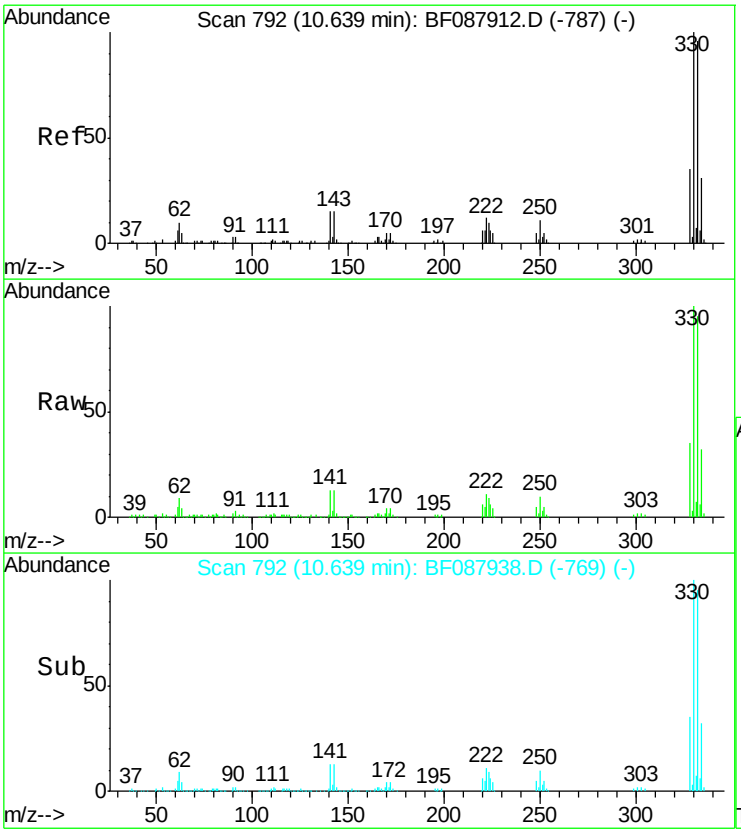
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:164 Resp: 229457

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	46.8	39.5	59.3

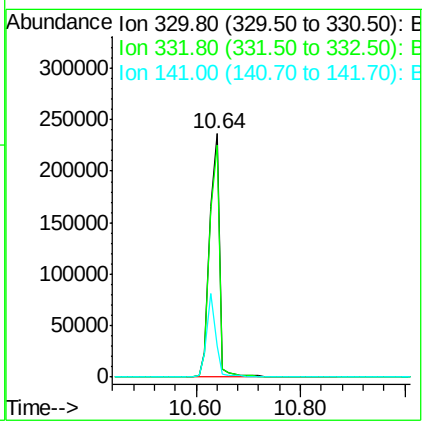


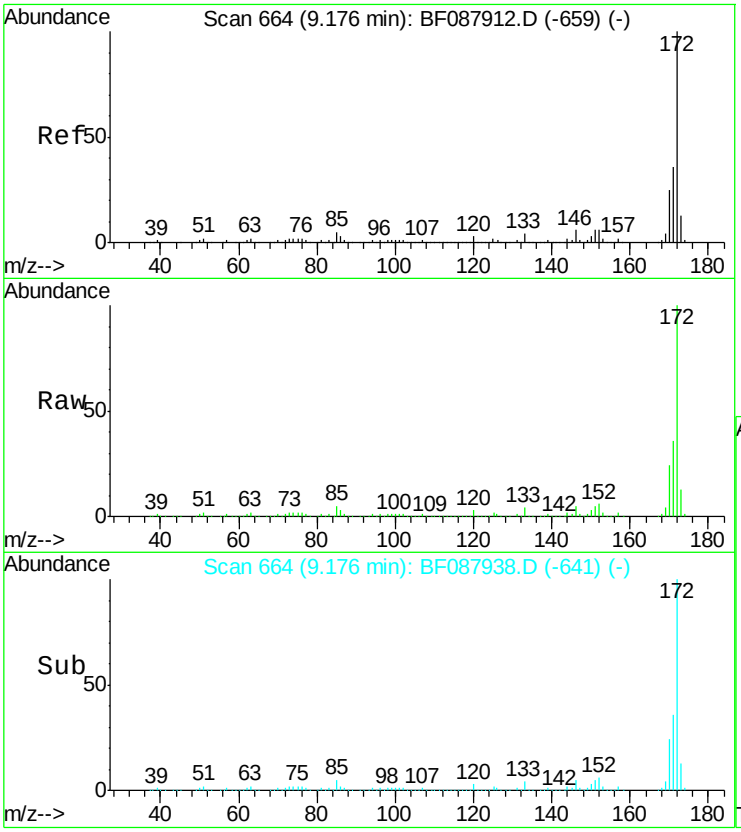


#41
2,4,6-Tribromophenol
Concen: 129.07 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:330 Resp: 312712

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	32.1	0.0	0.0#



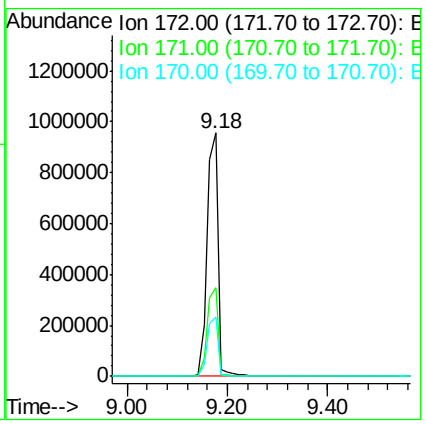


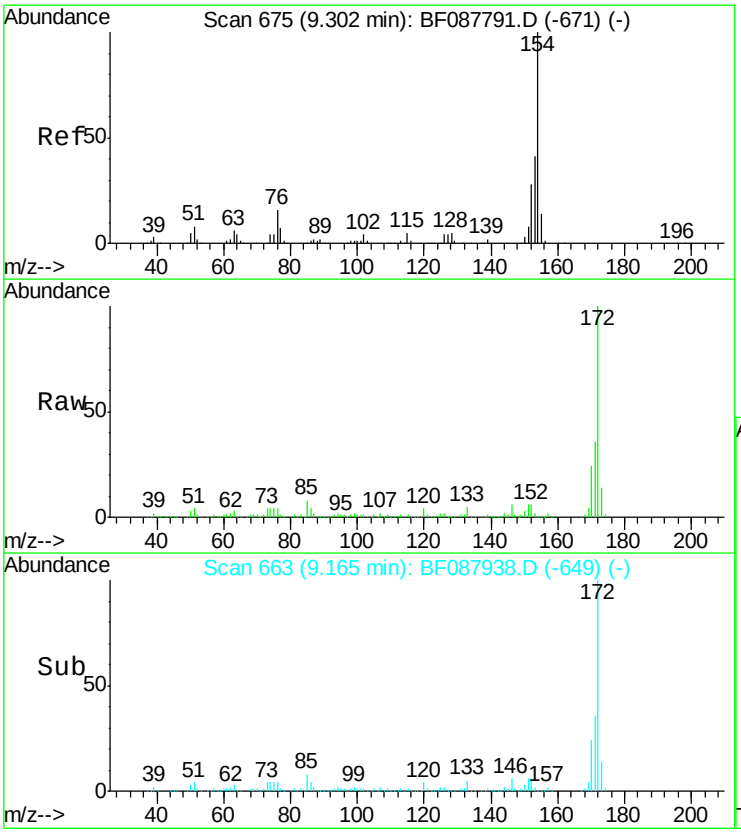
#44
2-Fluorobiphenyl
Concen: 100.00 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 1446428

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.2	28.8

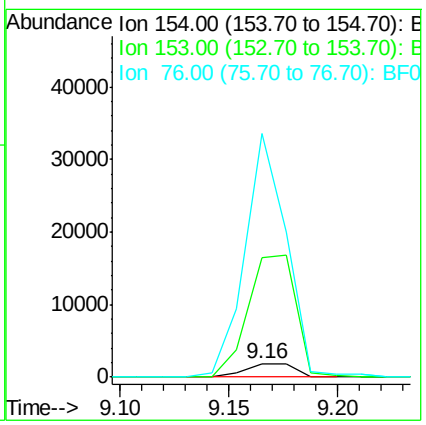


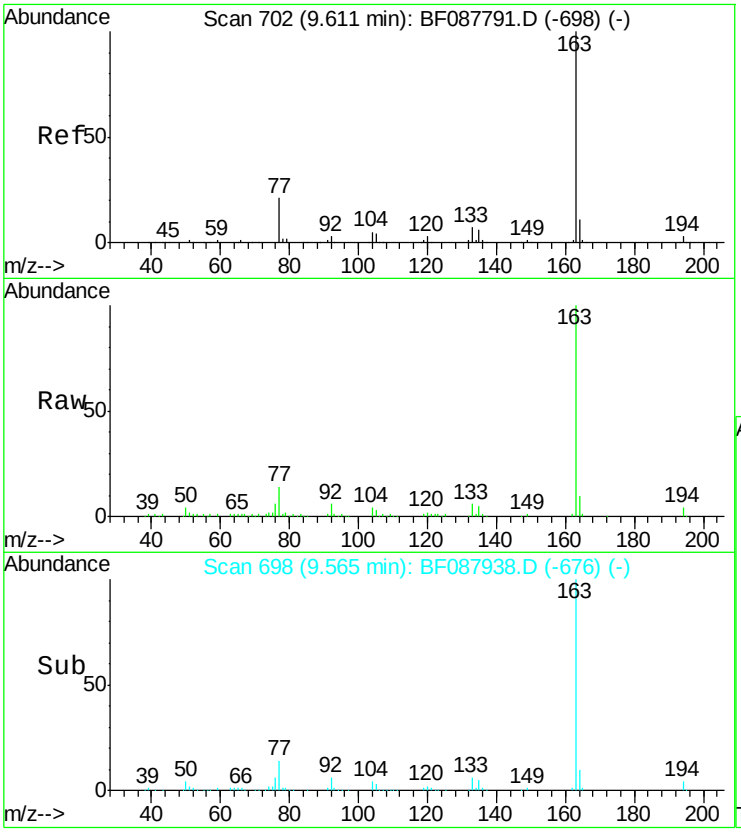


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:154 Resp: 2804

Ion	Ratio	Lower	Upper
154	100		
153	896.4	20.6	60.6#
76	1821.5	0.0	35.1#



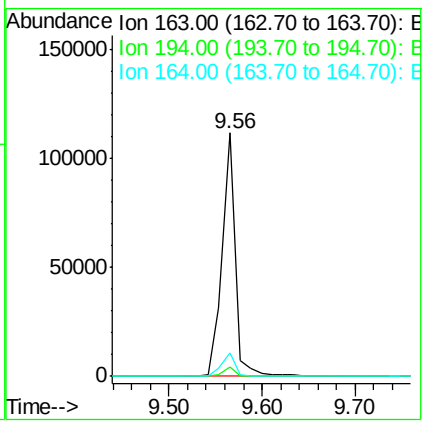


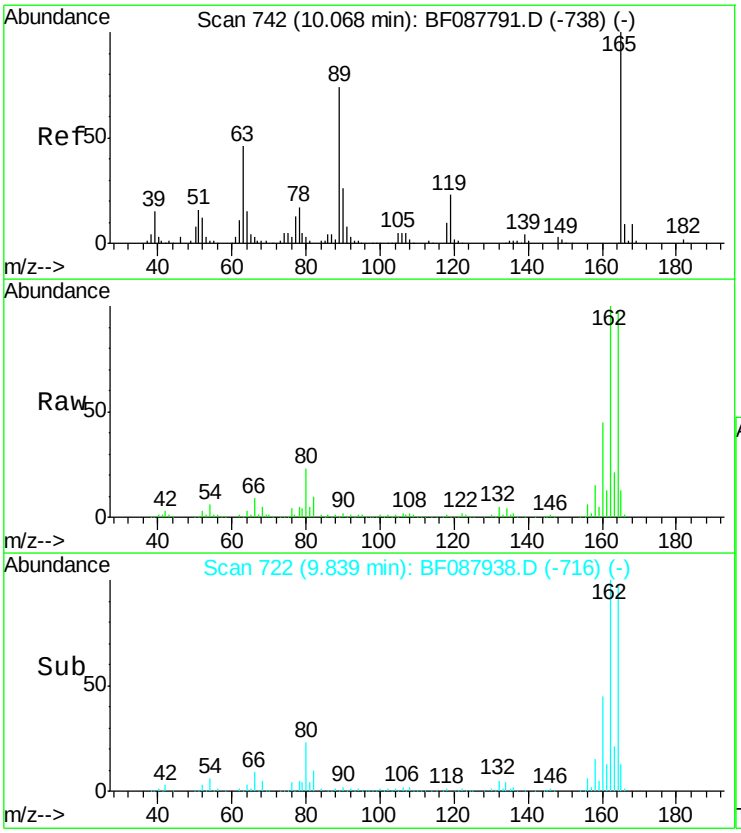
#49
Dimethylphthalate
Concen: 6.61 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:163 Resp: 109839

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.6	8.3	12.5

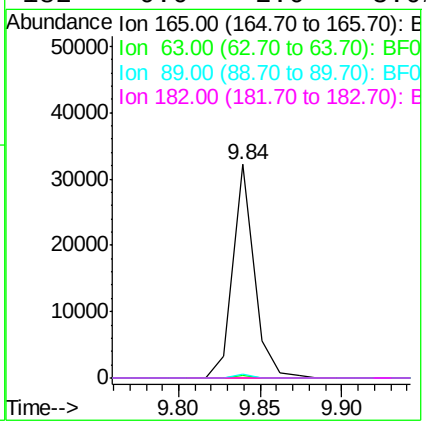


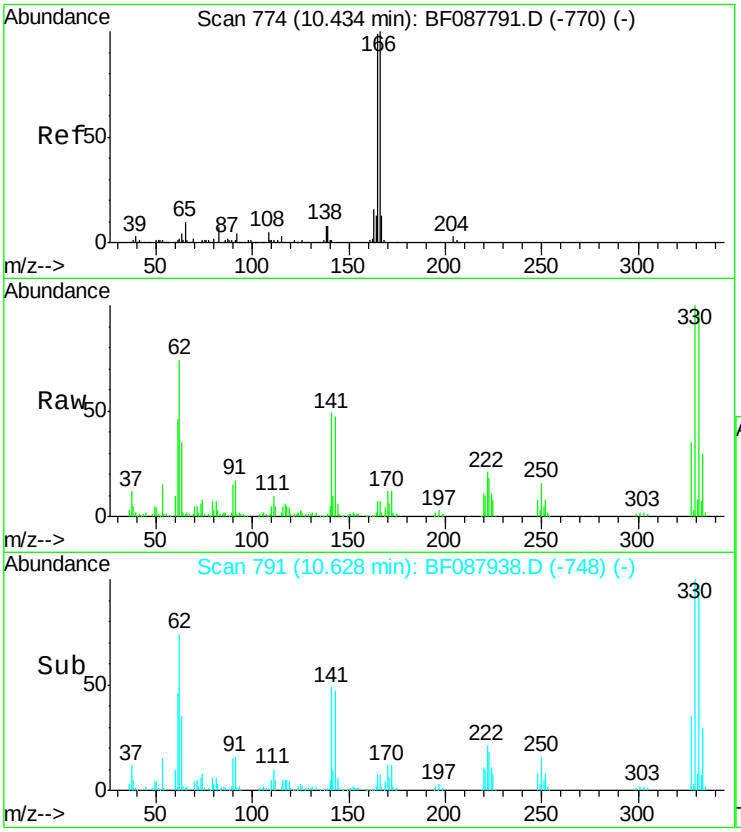


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:165 Resp: 29070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



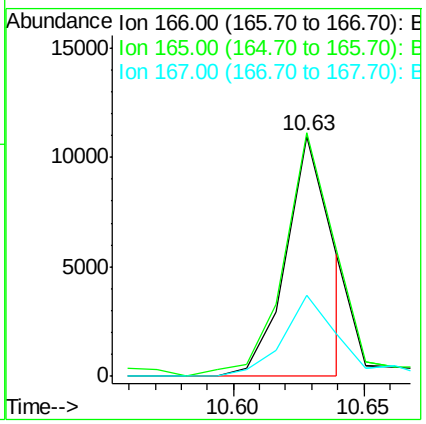


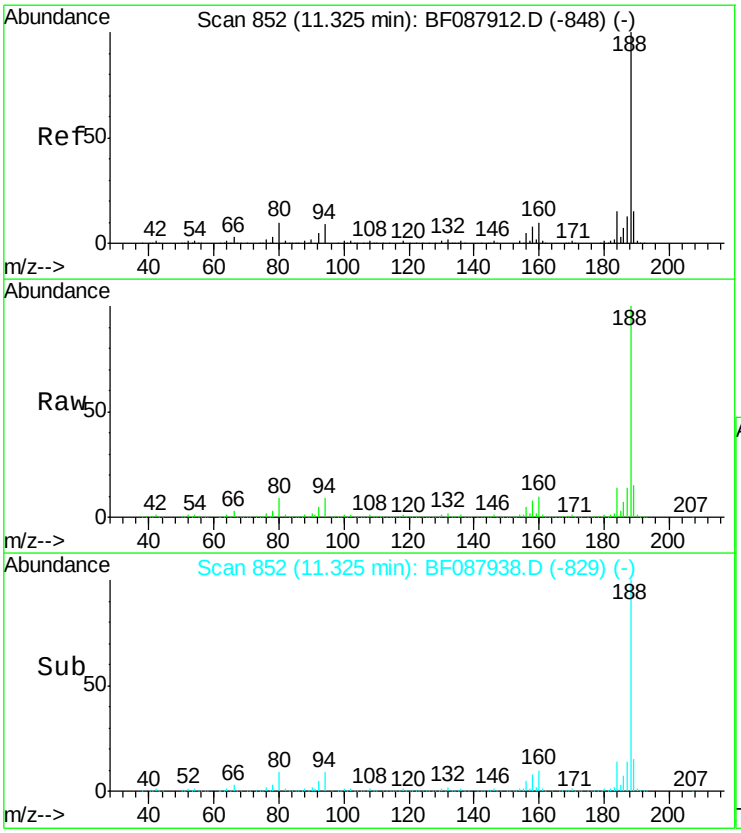
#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:166 Resp: 13628

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.8
167	33.6	11.2	16.8#

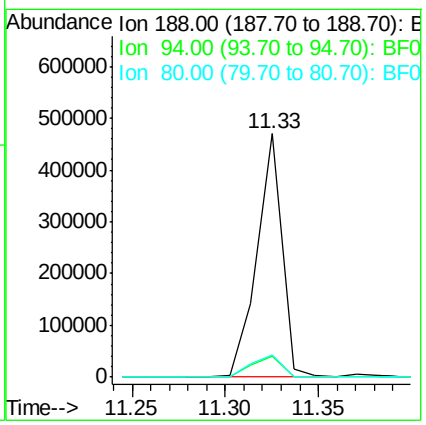


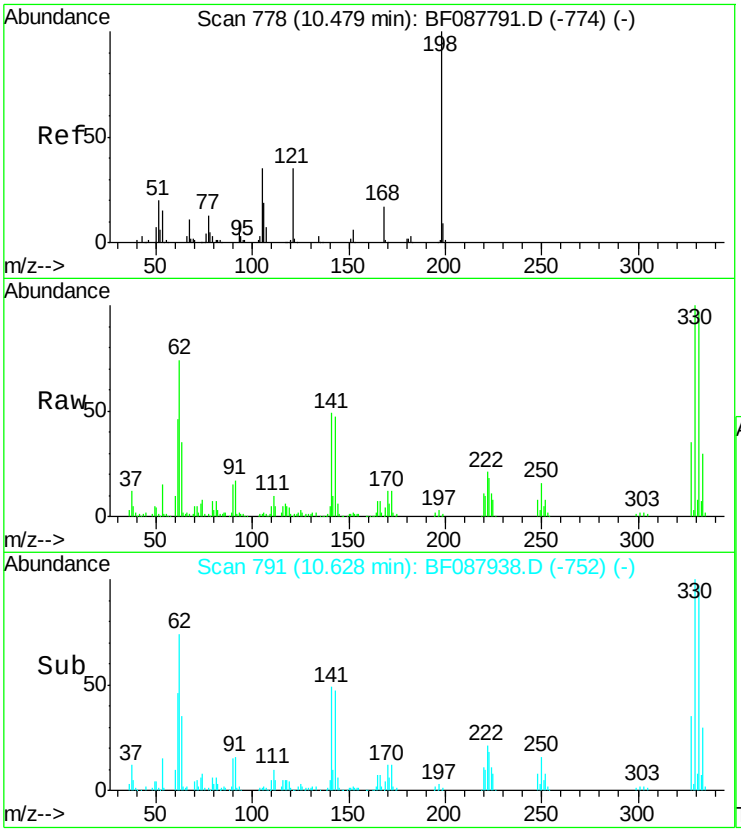


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:188 Resp: 434858

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.6#
80	8.9	10.0	15.0#



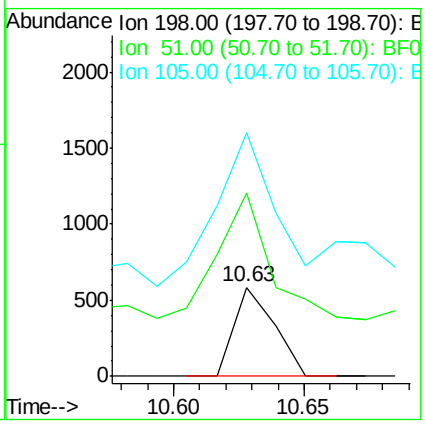


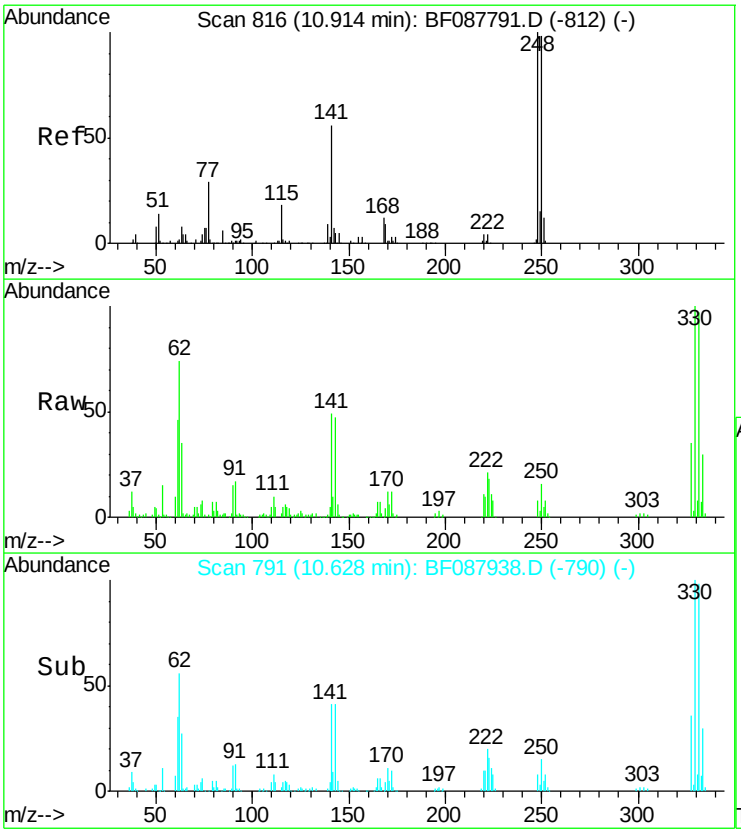
#64
4,6-Dinitro-2-methylphenol
Concen: 2.38 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:198 Resp: 629

Ion	Ratio	Lower	Upper
198	100		
51	206.3	39.6	79.6#
105	273.5	36.6	76.6#

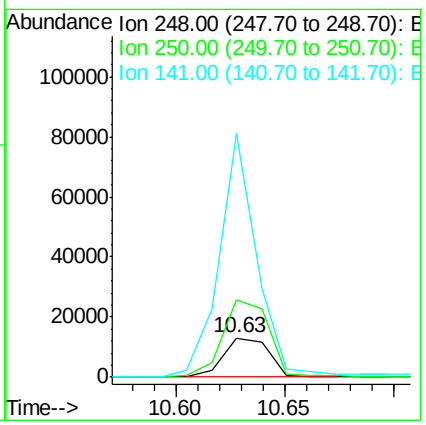


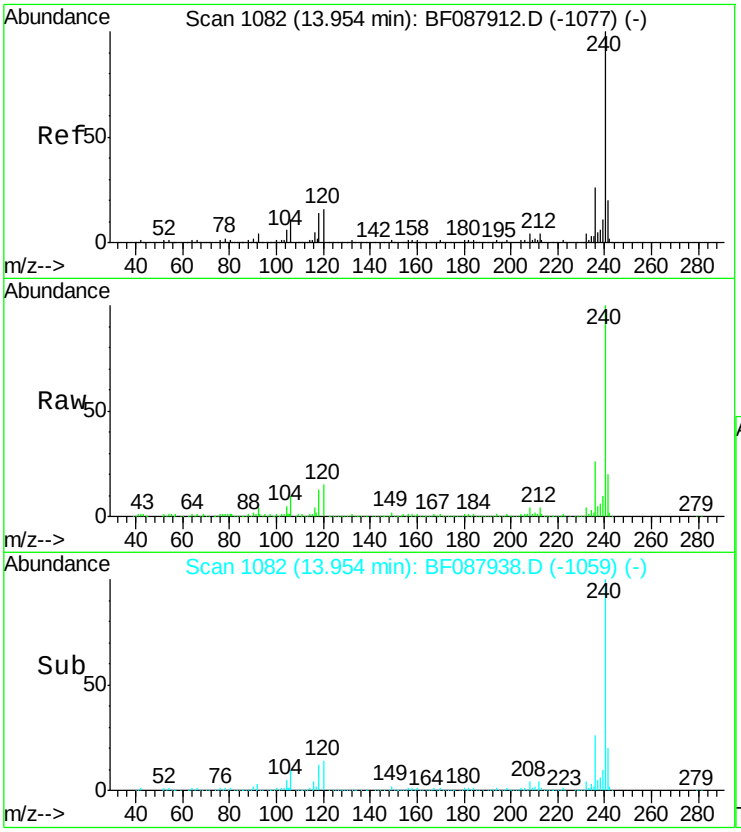


#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:248 Resp: 18913

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.1	115.7#
141	622.9	50.6	76.0#



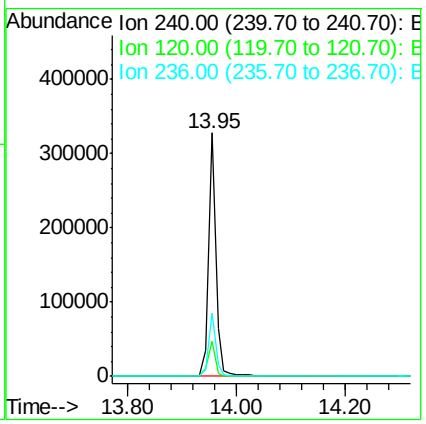


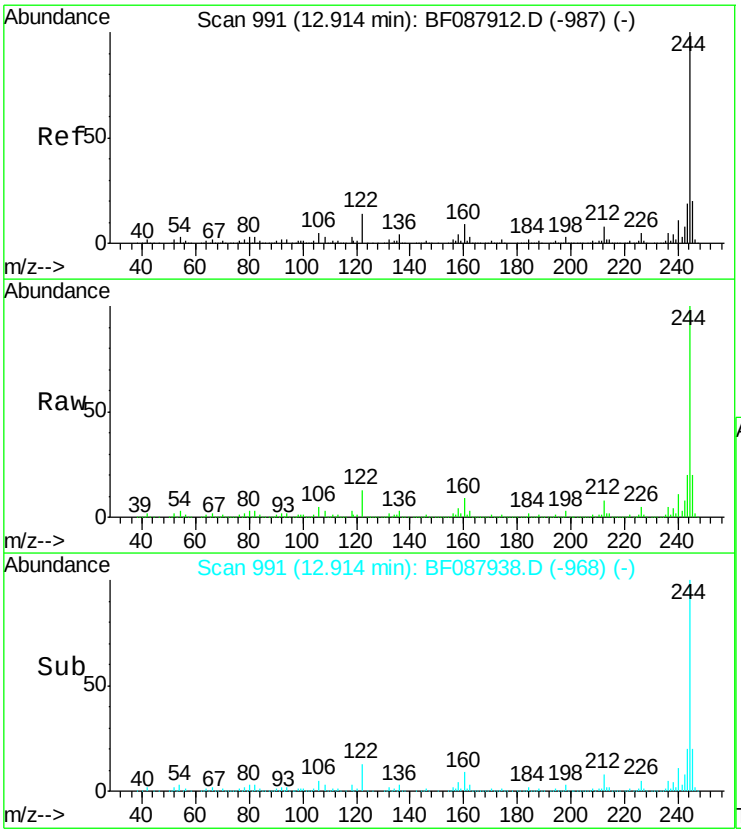
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 312261

Ion	Ratio	Lower	Upper
240	100		
120	14.6	6.8	10.2#
236	25.7	20.2	30.2

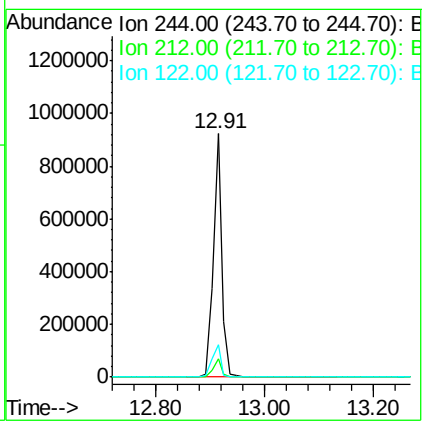


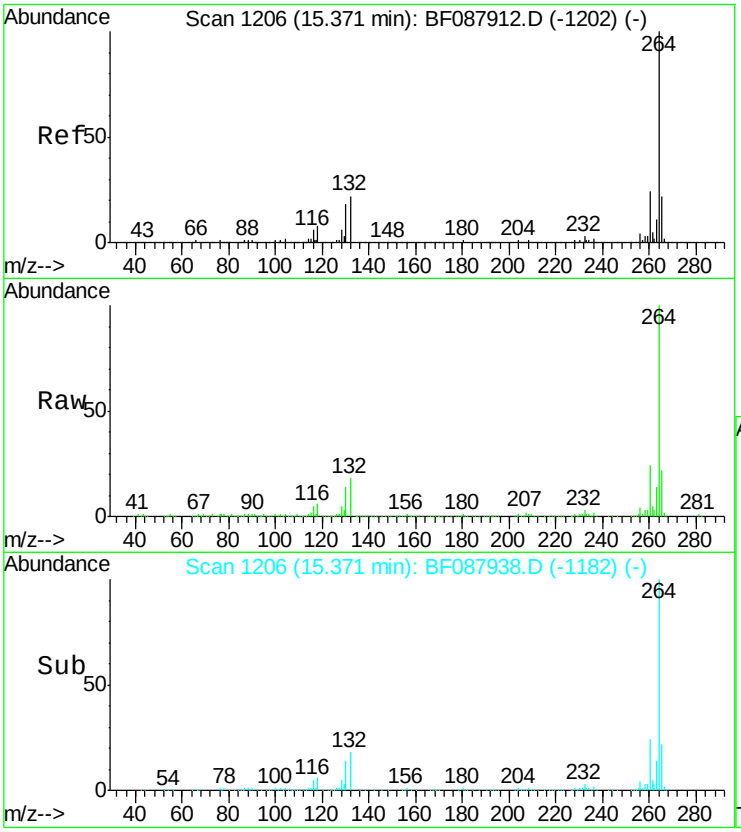


#78
Terphenyl-d14
Concen: 75.95 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Tgt Ion:244 Resp: 1042271

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087938.D
Acq: 12 Jun 2016 9:45

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:264 Resp: 246743

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	16.9	25.3