Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087934.D
Acq On : 12 Jun 2016 7:48
Operator : UM/SJ
Sample : H3504-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Jun 13 01:13:41 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	115339	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	481771	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	225115	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	427729	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	346803	20.00	ng	-0.03
86) Perylene-d12	15.37	264	267718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	443271	65.70	ng	-0.03
7) Phenol-d6	6.43	99	388335	47.49	ng	-0.05
23) Nitrobenzene-d5	7.37	82	729121	88.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	299113	125.84	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1327531	93.17	ng	-0.05
78) Terphenyl-d14	12.91	244	1095050	71.85	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	17124	2.92	ng	# 76
10) Phenol	6.44	94	416	Below Cal		# 54
19) n-Nitroso-di-n-propylamine	7.37	70	95752	18.31	ng	# 72
45) 1,1'-Biphenyl	9.16	154	2512	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.84	165	28858	7.73	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	28860	6.01	ng	# 38
57) Fluorene	10.63	166	12387	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.63	198	418	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	17766	3.87	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	65236	4.71	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087934.D
Acq On : 12 Jun 2016 7:48
Operator : UM/SJ
Sample : H3504-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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MW-2

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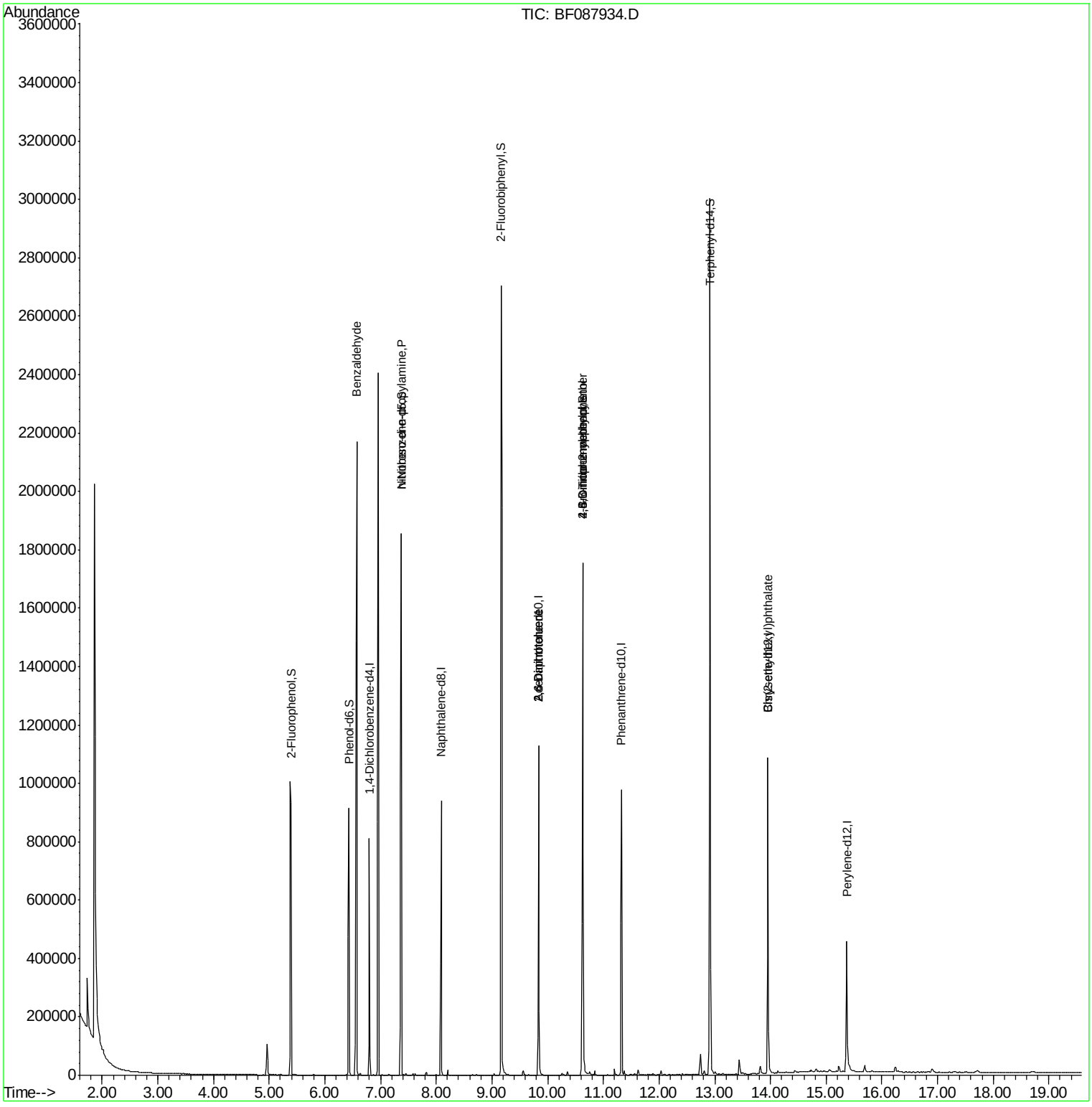
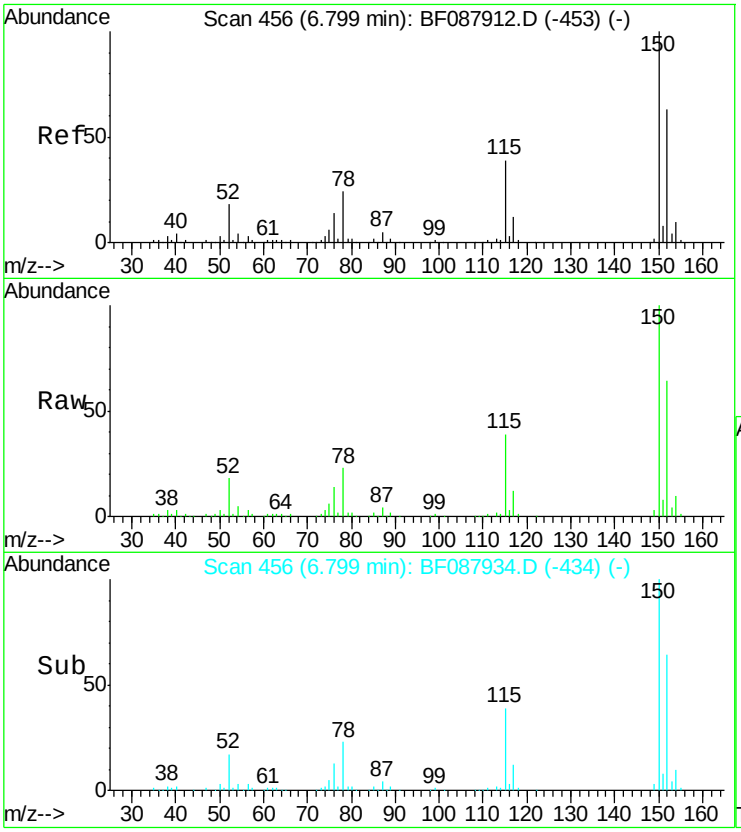


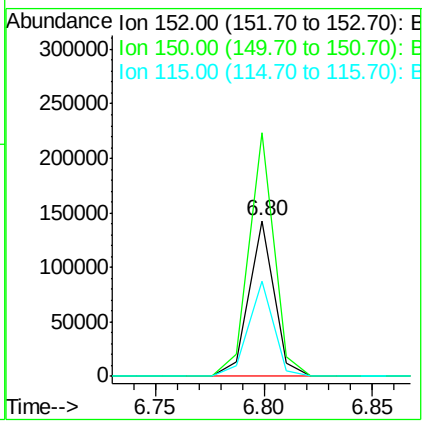


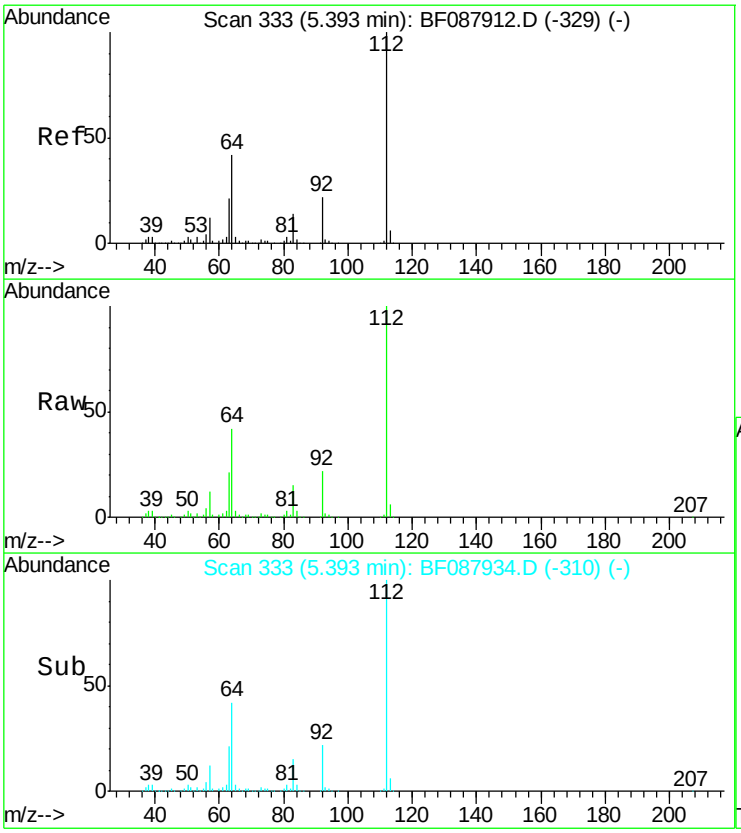
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 115339

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	60.9	39.6	59.4#

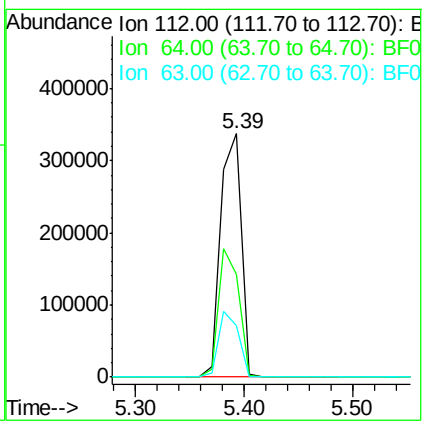


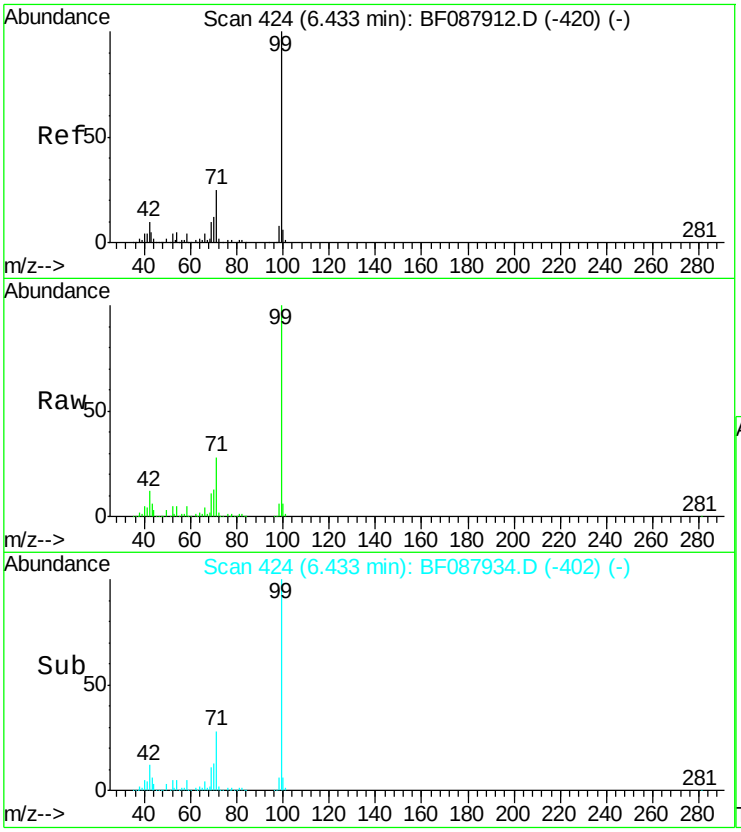


#5
2-Fluorophenol
Concen: 65.70 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:112 Resp: 443271

Ion	Ratio	Lower	Upper
112	100		
64	42.3	42.2	63.2
63	21.2	21.8	32.8#



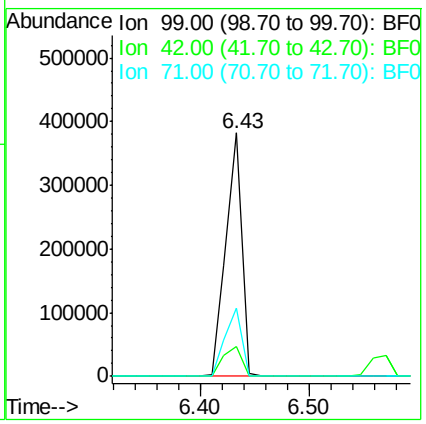


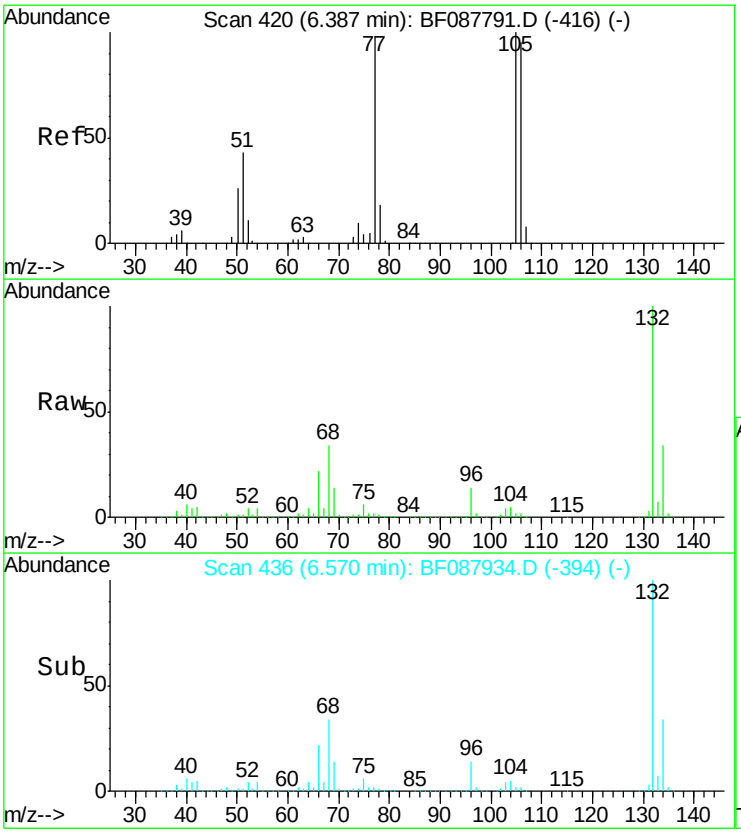
#7
Phenol-d6
Concen: 47.49 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 388335

Ion	Ratio	Lower	Upper
99	100		
42	12.5	12.2	18.2
71	27.9	23.4	35.0

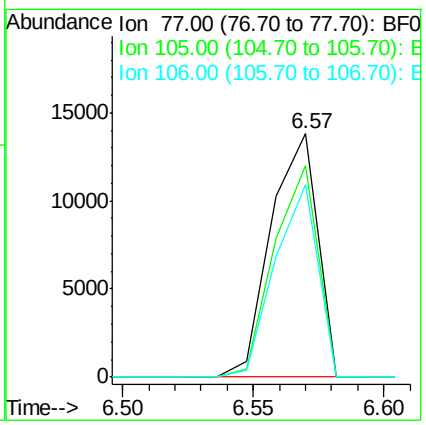


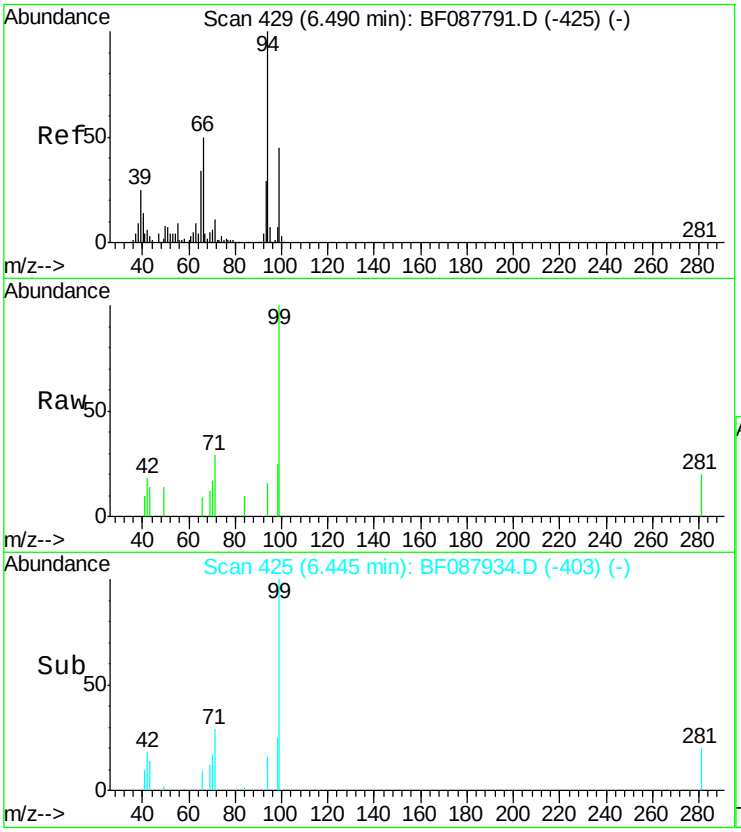


#9
Benzaldehyde
Concen: 2.92 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.18 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion: 77 Resp: 17124

Ion	Ratio	Lower	Upper
77	100		
105	86.7	90.6	130.6#
106	78.8	85.3	125.3#



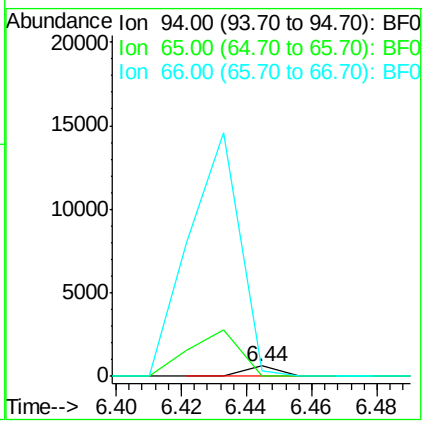


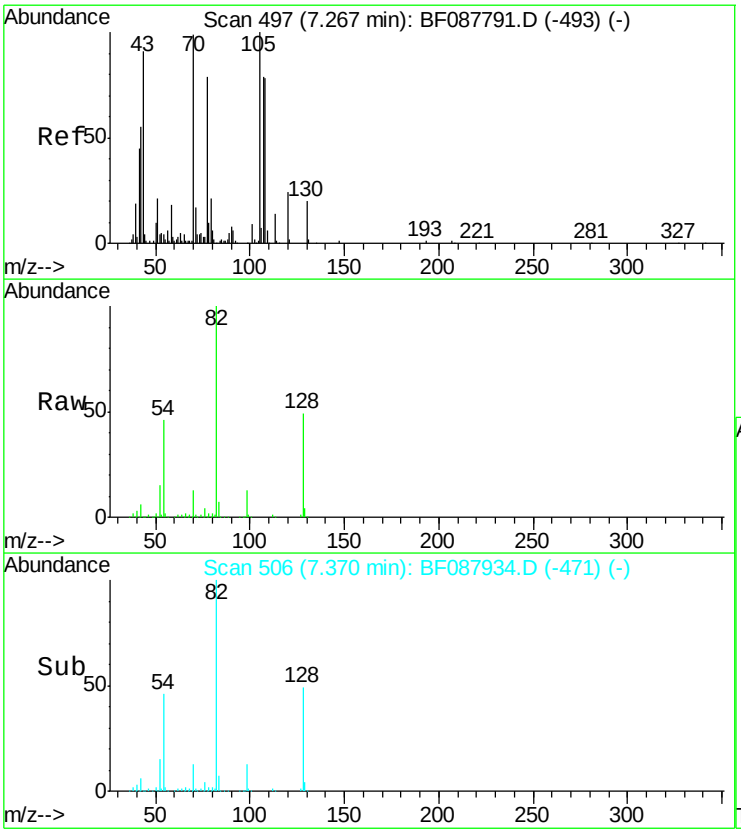
#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 94 Resp: 416

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	58.3	14.0	54.0#

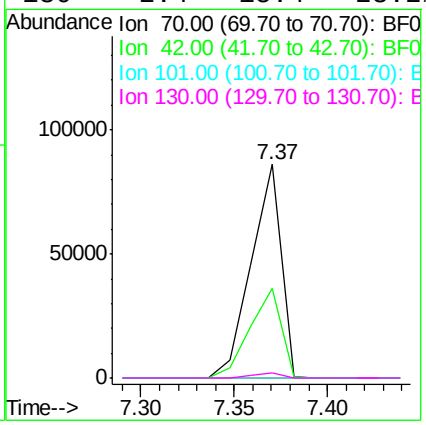


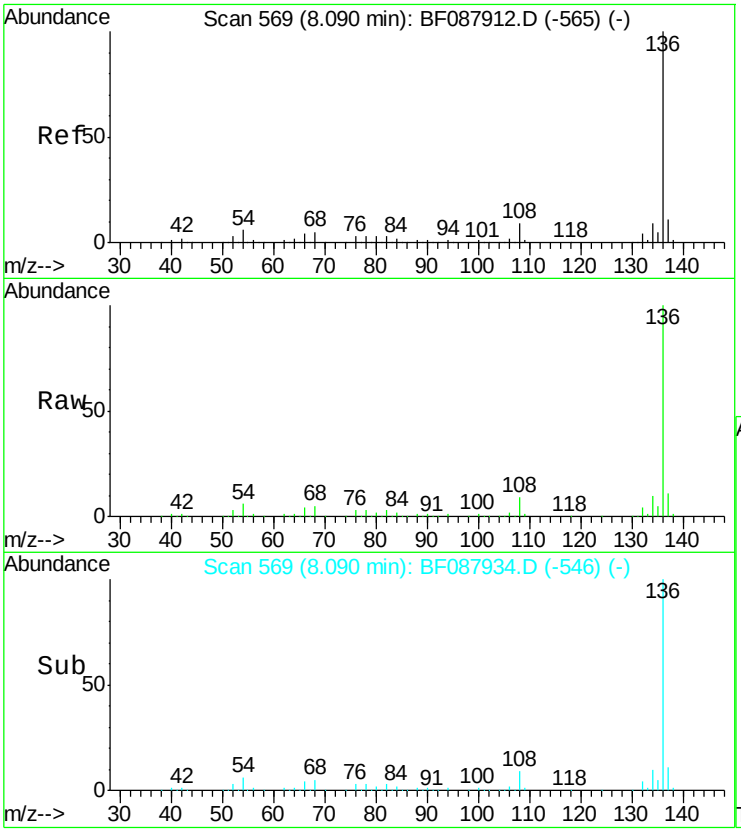


#19
n-Nitroso-di-n-propylamine
Concen: 18.31 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion: 70 Resp: 95752

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



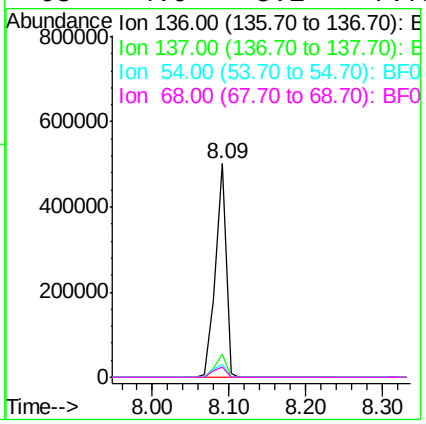


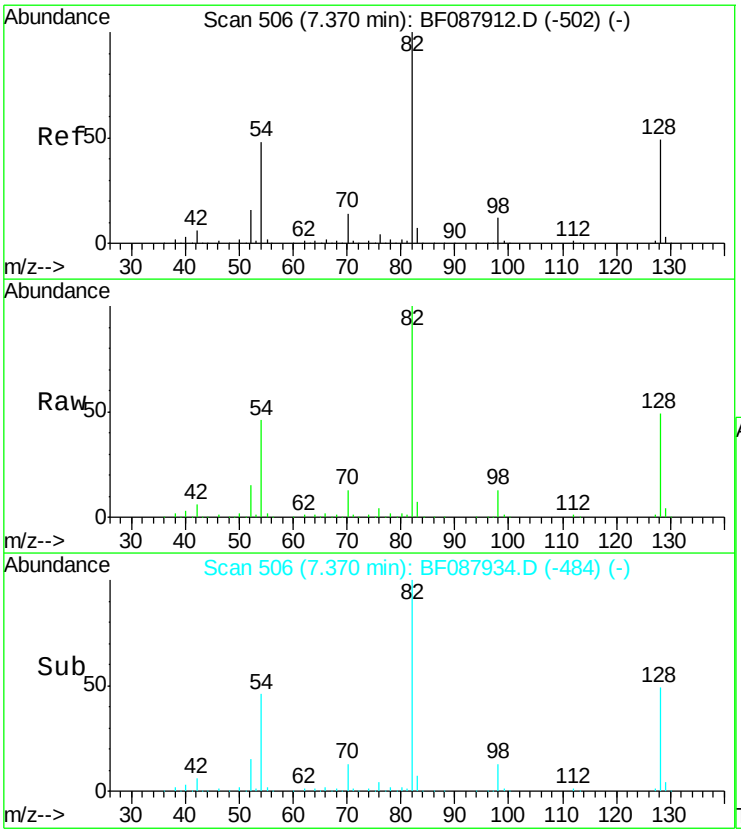
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 481771

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.8	6.6	10.0#
68	4.9	5.1	7.7#

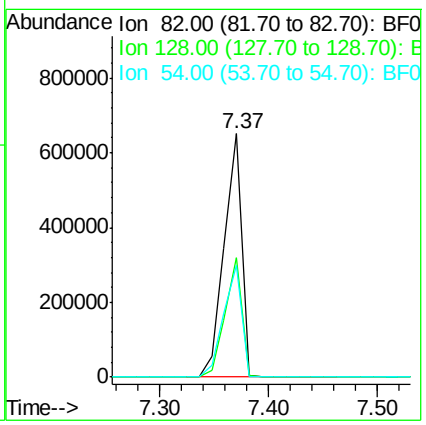


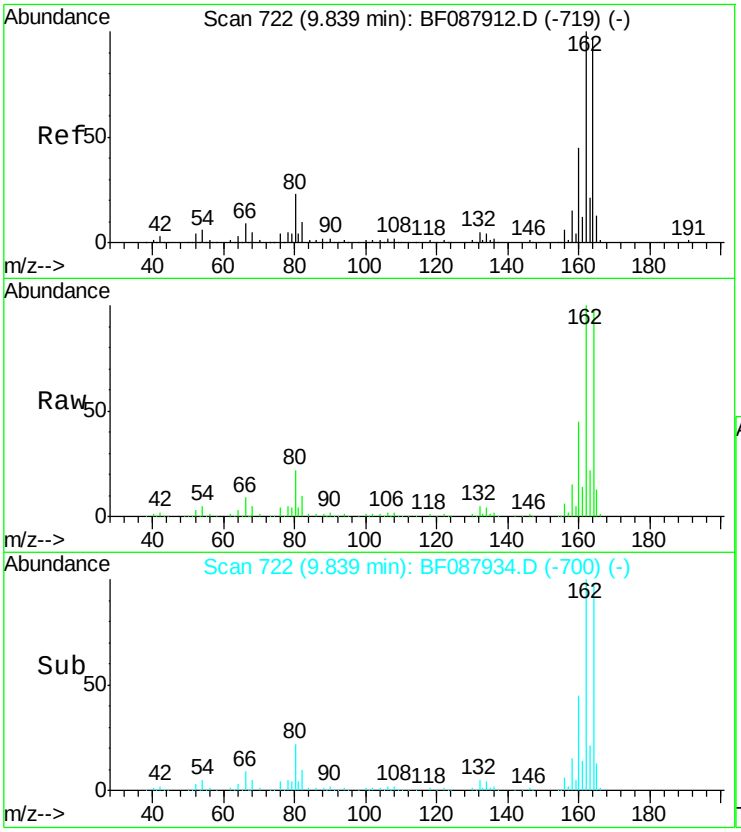


#23
Nitrobenzene-d5
Concen: 88.37 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion: 82 Resp: 729121

Ion	Ratio	Lower	Upper
82	100		
128	49.3	35.9	53.9
54	46.2	40.9	61.3



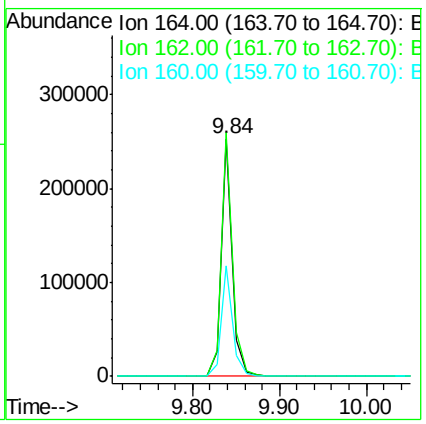


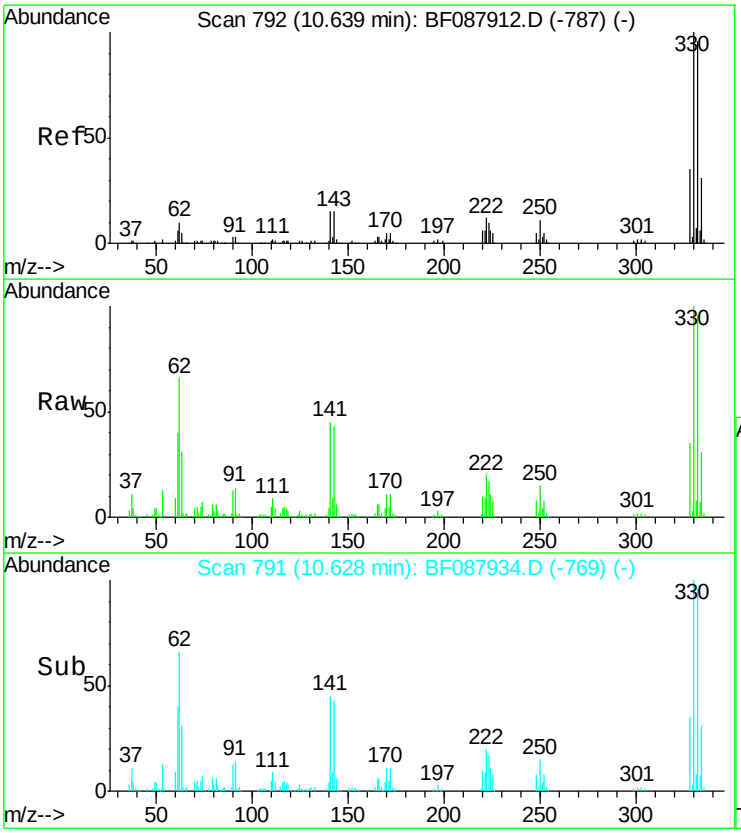
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 225115

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.2
160	46.3	39.5	59.3

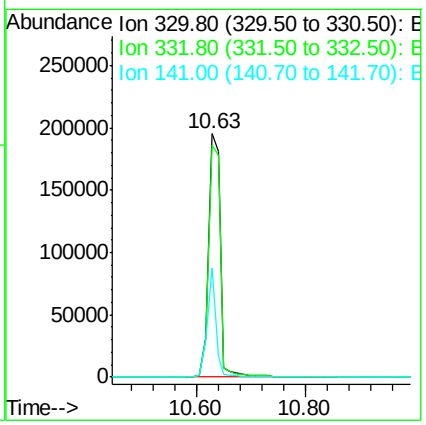


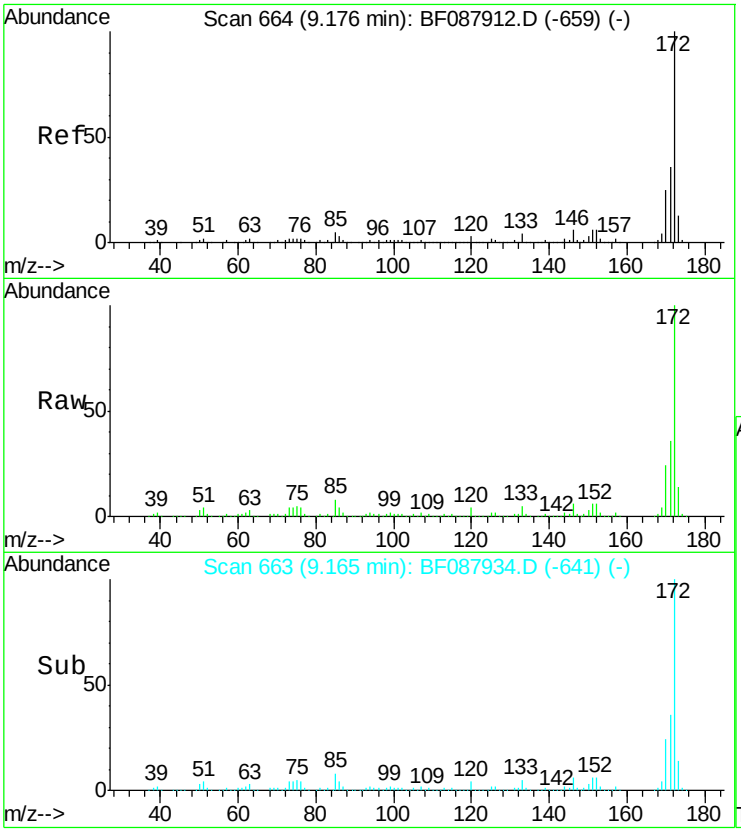


#41
2,4,6-Tribromophenol
Concen: 125.84 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:330 Resp: 299113

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.7	0.0	0.0#



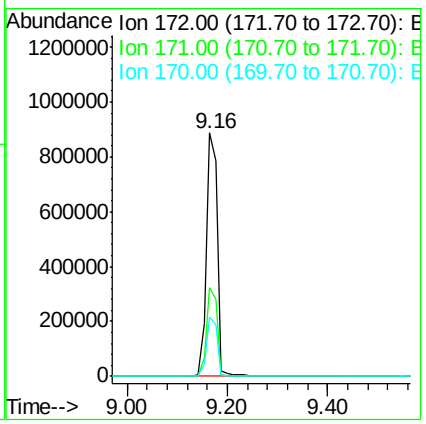


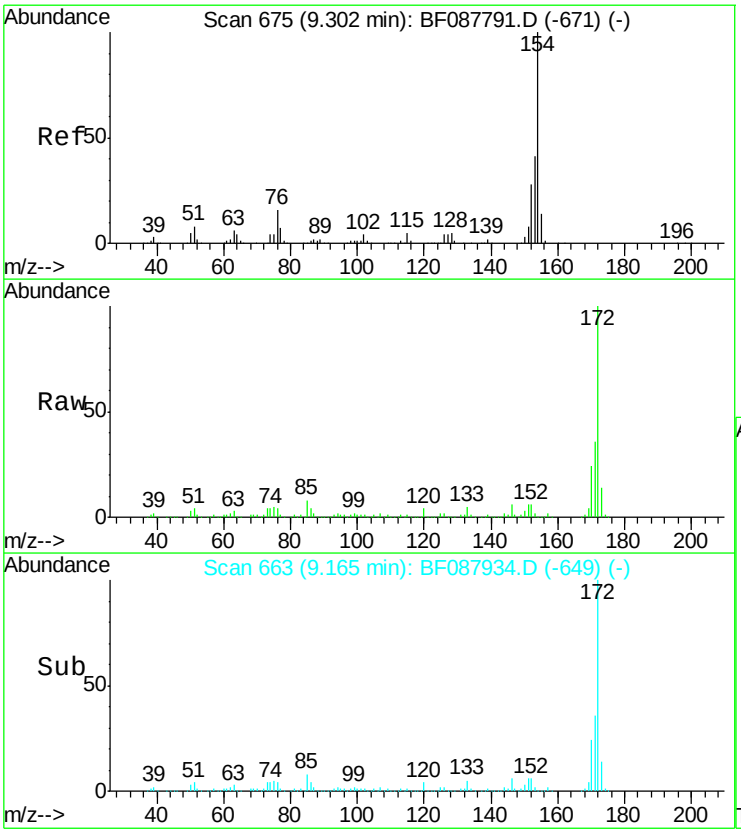
#44
2-Fluorobiphenyl
Concen: 93.17 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 1327531

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

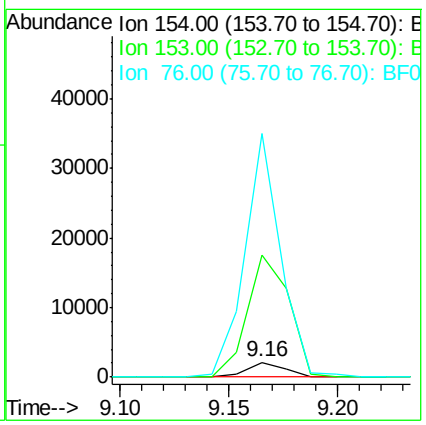


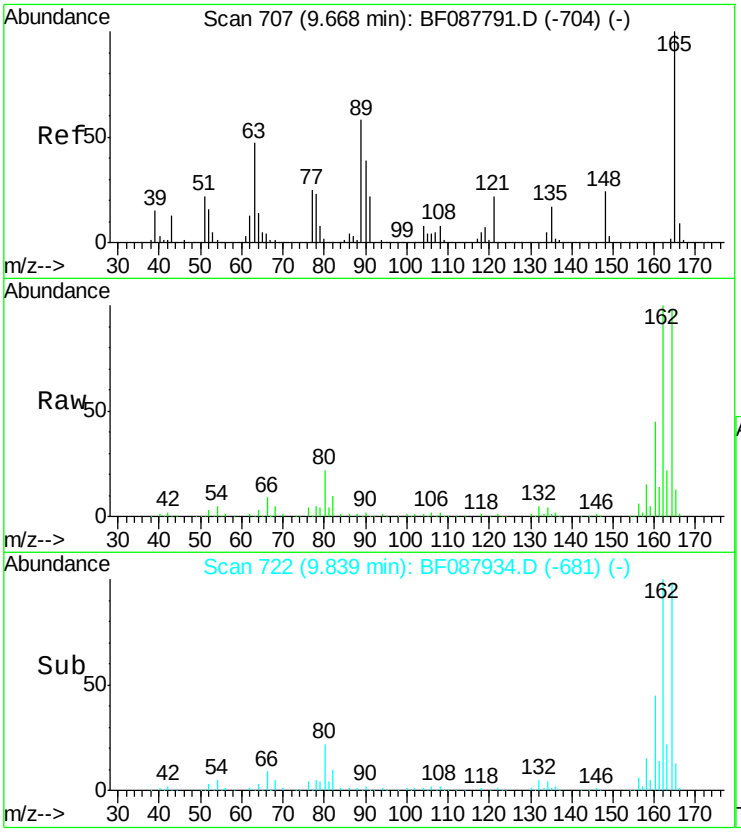


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:154 Resp: 2512

Ion	Ratio	Lower	Upper
154	100		
153	836.8	20.6	60.6#
76	1676.2	0.0	35.1#



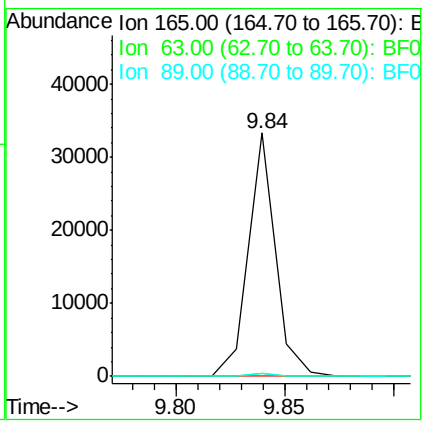


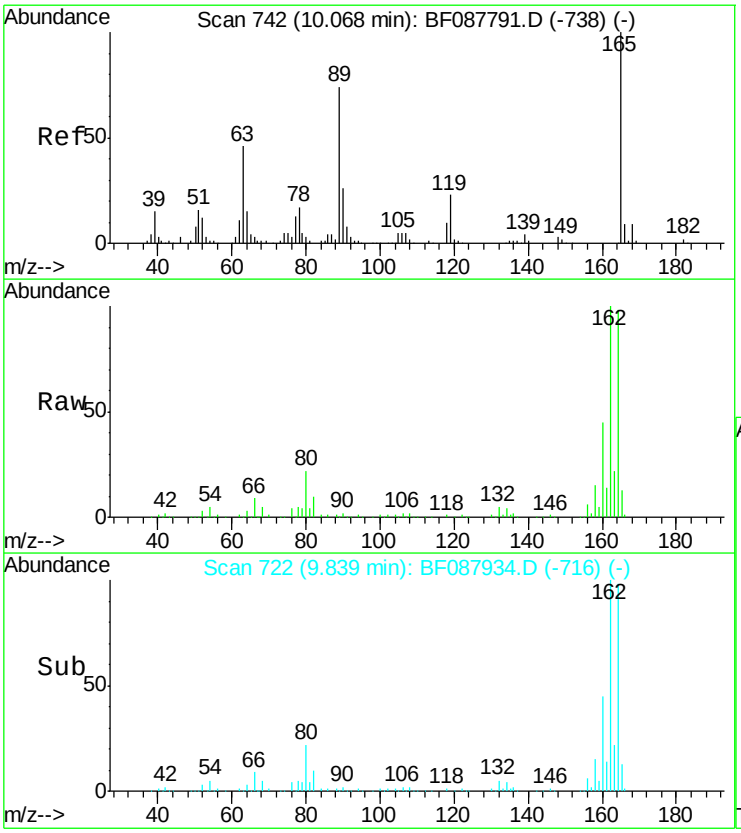
#50
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:165 Resp: 28858

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.1	42.1#
89	1.4	32.2	48.2#

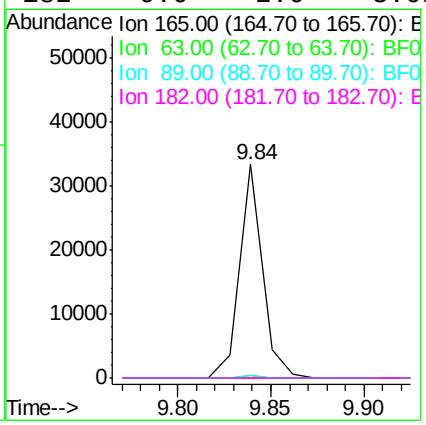


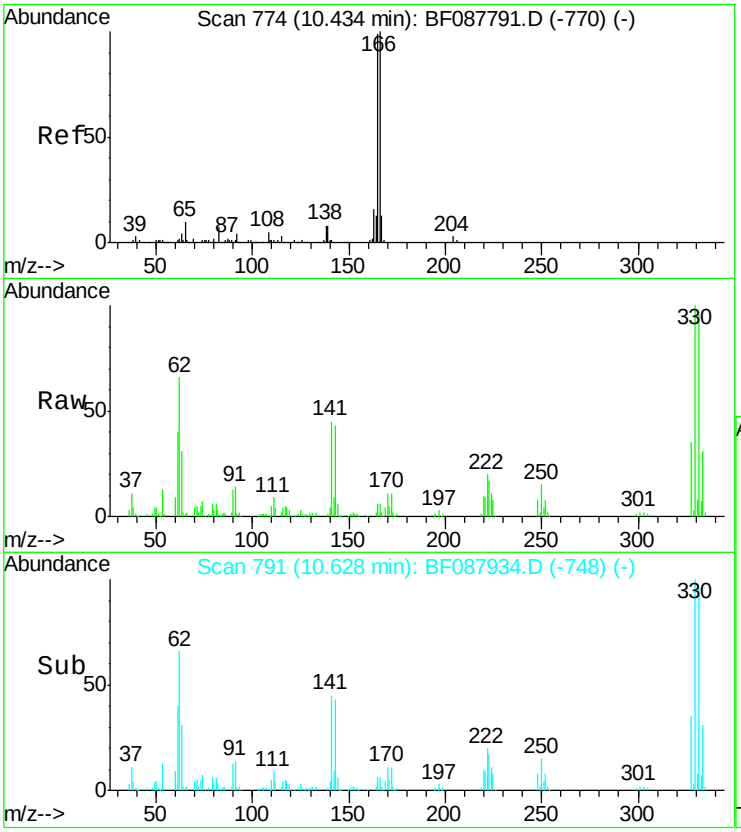


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:165 Resp: 28860

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



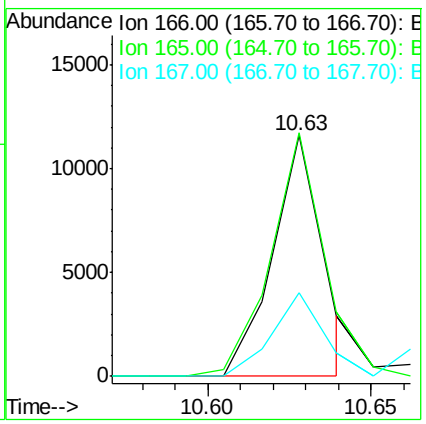


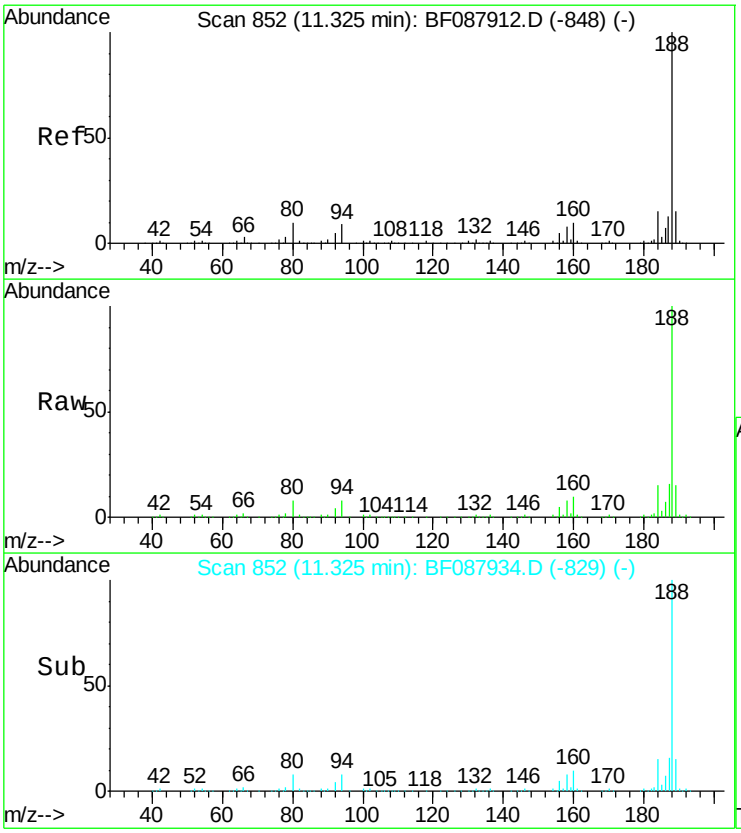
#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:166 Resp: 12387

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.8	116.8
167	34.9	11.2	16.8#

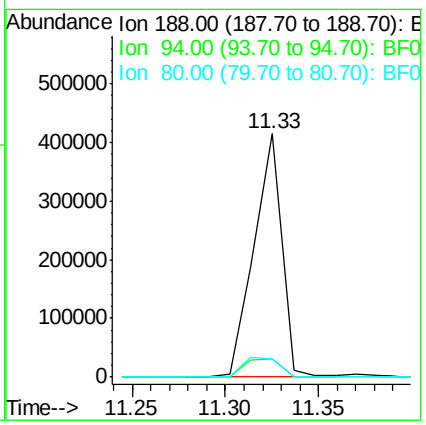


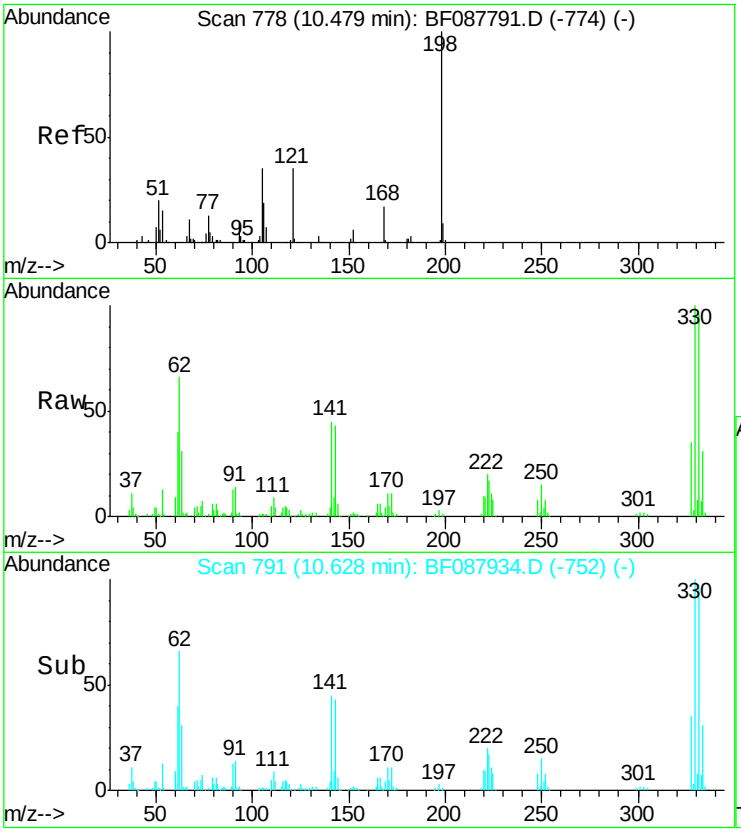


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:188 Resp: 427729

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.5	10.0	15.0#



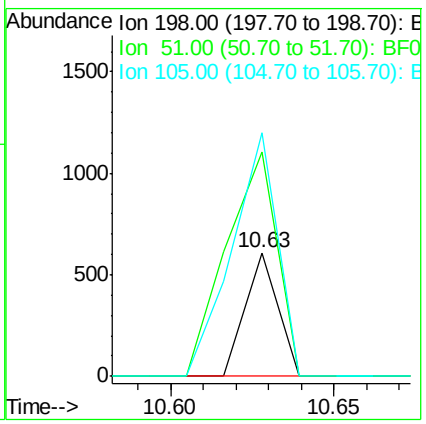


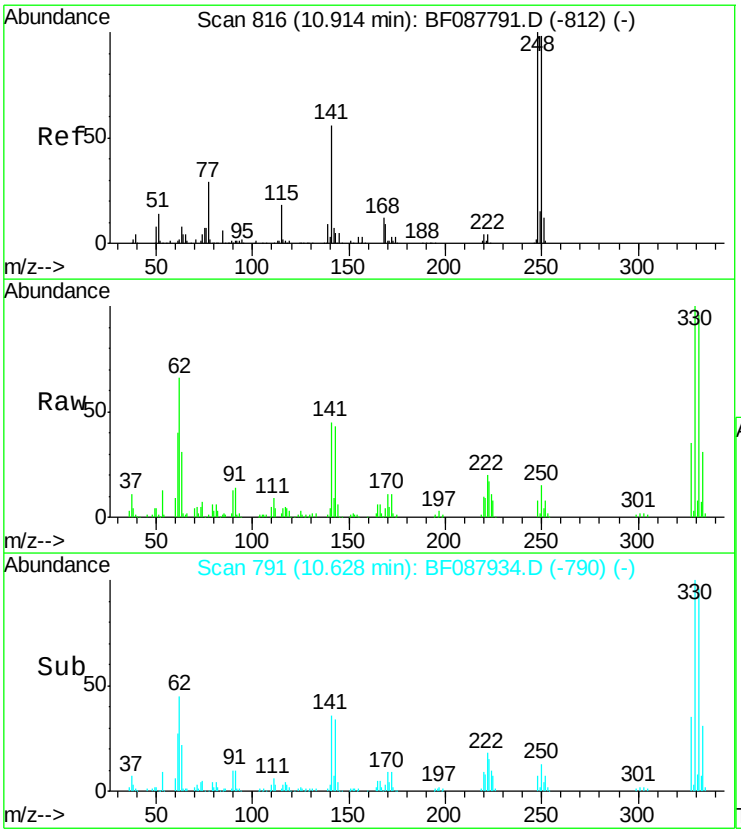
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:198 Resp: 418

Ion	Ratio	Lower	Upper
198	100		
51	181.5	39.6	79.6#
105	196.6	36.6	76.6#

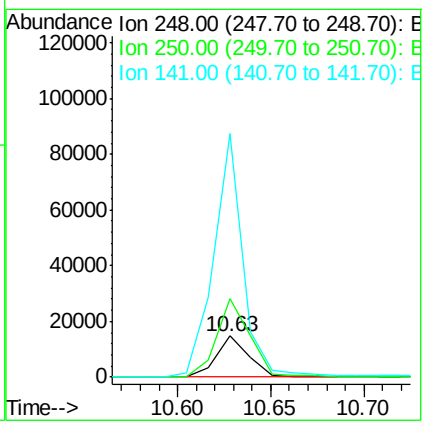


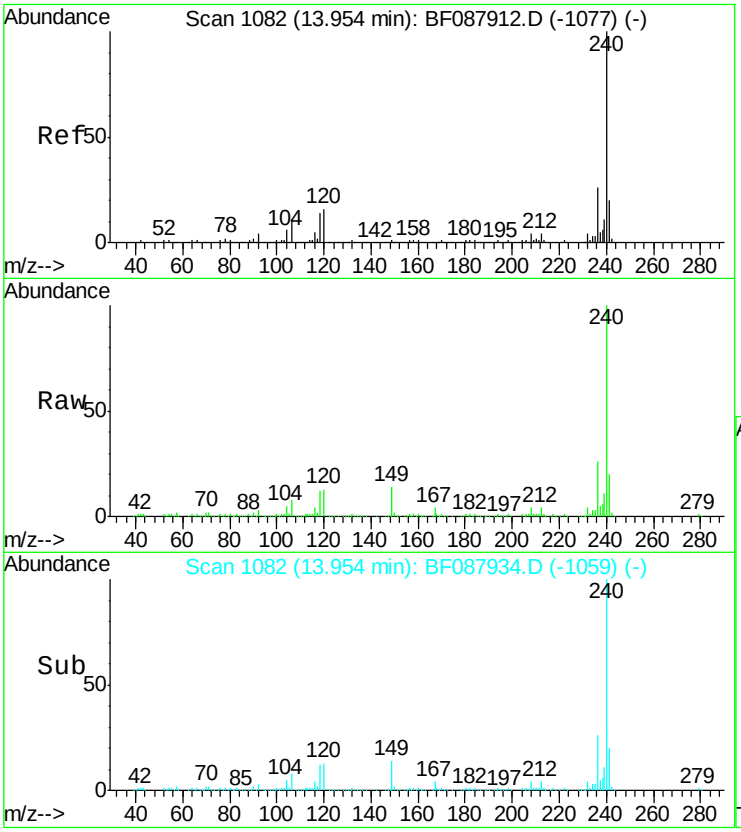


#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:248 Resp: 17766

Ion	Ratio	Lower	Upper
248	100		
250	192.9	77.1	115.7#
141	593.8	50.6	76.0#



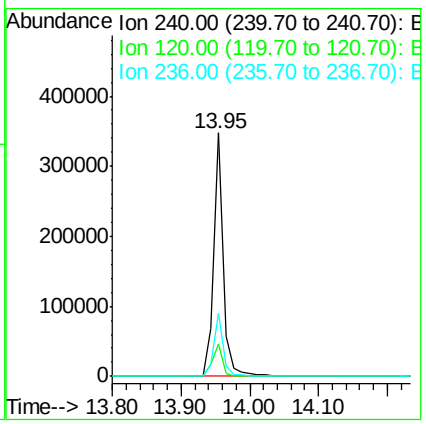


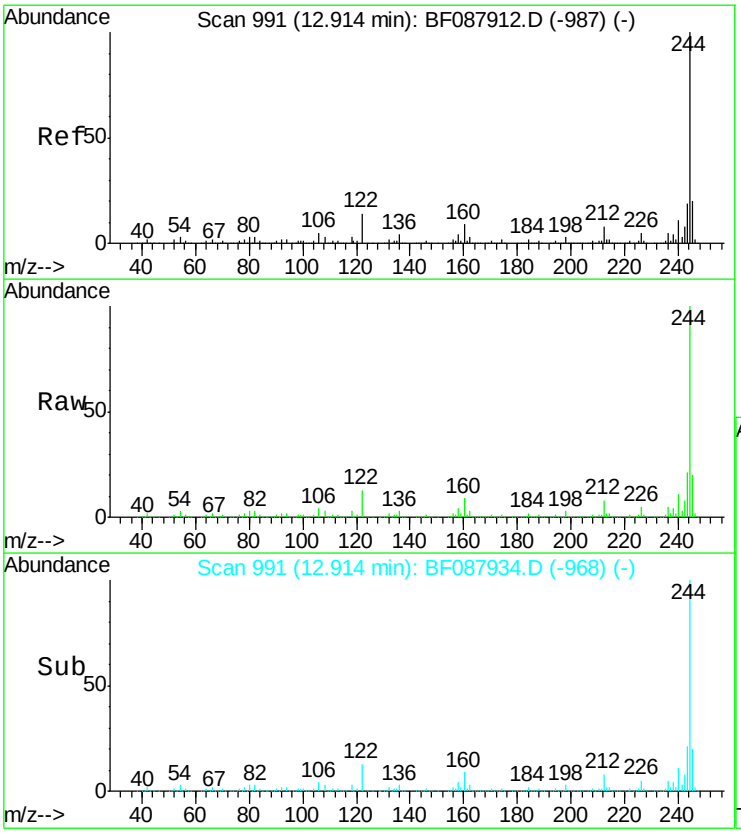
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 346803

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	25.8	20.2	30.2

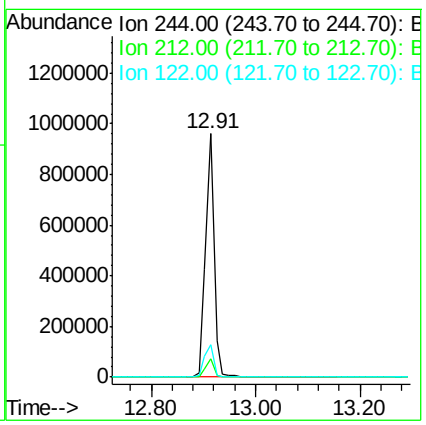


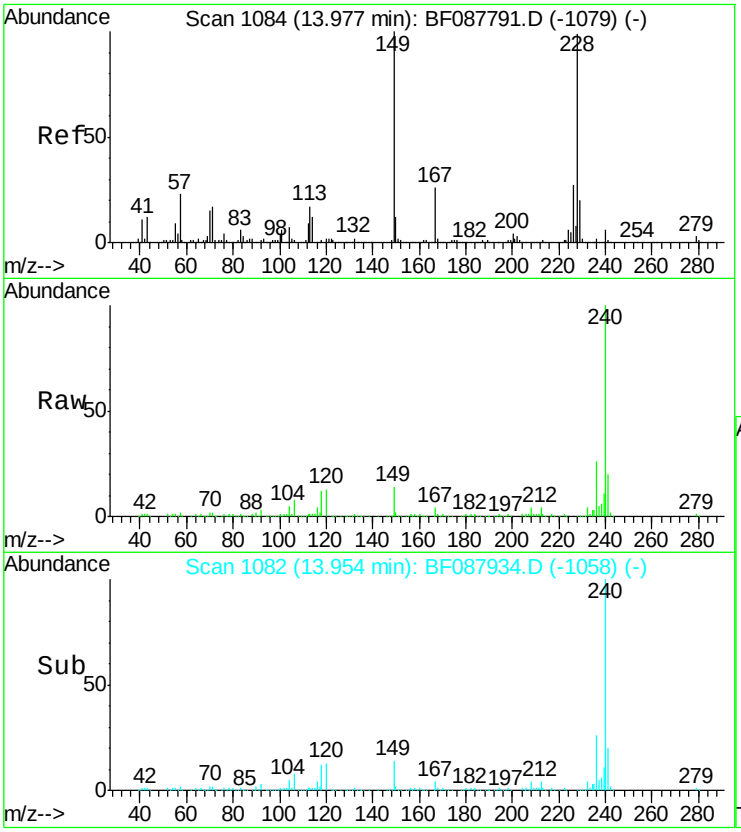


#78
Terphenyl-d14
Concen: 71.85 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:244 Resp: 1095050

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.1	11.2	16.8



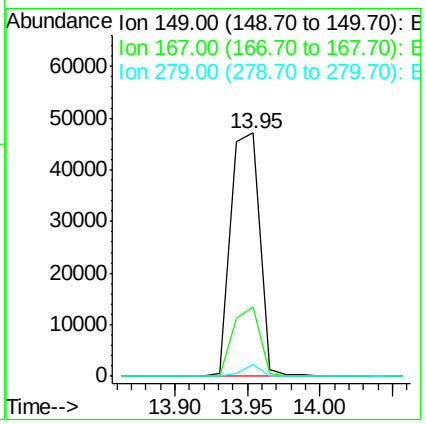


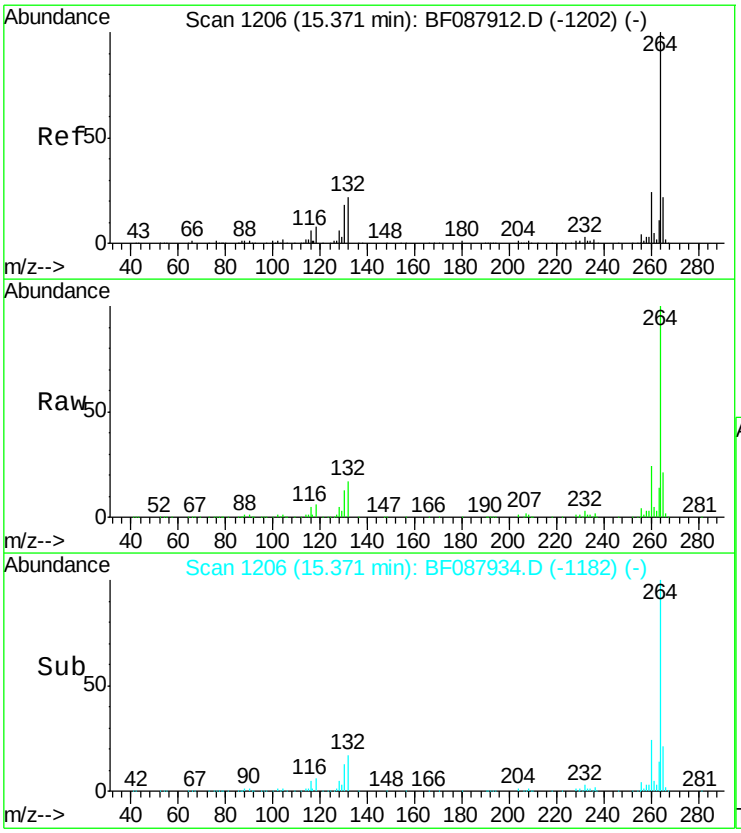
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.71 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:149 Resp: 65236

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.5	30.7
279	4.9	2.0	3.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:264 Resp: 267718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3