Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: May 16 01:04:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147321	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	567522	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	284549	20.00	ng	-0.08
63) Phenanthrene-d10	11.14	188	440780	20.00	ng	-0.07
75) Chrysene-d12	13.76	240	313578	20.00	ng	-0.08
86) Perylene-d12	15.11	264	284807	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	472512	54.32	ng	-0.09
7) Phenol-d6	6.31	99	405229	34.86	ng	-0.05
23) Nitrobenzene-d5	7.19	82	881877	78.03	ng	-0.08
41) 2,4,6-Tribromophenol	10.46	330	303573	100.77	ng	-0.07
44) 2-Fluorobiphenyl	8.99	172	1379312	81.47	ng	-0.07
78) Terphenyl-d14	12.72	244	1045997	70.77	ng	-0.08
Target Compounds						Qvalue
10) Phenol	6.32	94	41012	2.97	ng	# 40
15) Benzyl Alcohol	6.76	79	21288	2.65	ng	# 43
18) Hexachloroethane	7.19	117	325297	74.63	ng	# 12
19) n-Nitroso-di-n-propylamine	7.02	70	33221	4.09	ng	# 77
20) 3+4-Methylphenols	7.10	107	92328	8.46	ng	# 57
22) Acetophenone	7.02	105	34219	2.55	ng	# 57
27) 2,4-Dimethylphenol	7.62	122	18266	2.10	ng	# 77
28) bis(2-Chloroethoxy)methane	7.64	93	23988	2.12	ng	# 1
31) Naphthalene	7.93	128	332905	11.71	ng	# 94
32) Benzoic acid	7.76	122	12023	2.35	ng	# 29
33) 4-Chloroaniline	7.93	127	65610	5.94	ng	# 43
35) Caprolactam	8.35	113	8572	3.29	ng	# 1
36) 4-Chloro-3-methylphenol	8.42	107	29502	3.17	ng	# 33
37) 2-Methylnaphthalene	8.62	142	199754	12.02	ng	# 94
47) 2-Nitroaniline	9.18	65	22080	3.41	ng	# 26
49) Dimethylphthalate	9.39	163	97424	4.49	ng	# 70
50) 2,6-Dinitrotoluene	9.46	165	17683	3.87	ng	# 12
52) 3-Nitroaniline	9.62	138	23178	4.82	ng	# 15
53) 2,4-Dinitrophenol	9.82	184	1204	8.16	ng	# 1
55) 4-Nitrophenol	9.80	139	27154	12.54	ng	# 1
59) Diethylphthalate	10.07	149	450547	21.30	ng	# 72
60) 4-Chlorophenyl-phenylether	10.19	204	5751	Below Cal		# 24
66) 4-Bromophenyl-phenylether	10.46	248	18725	4.19	ng	# 1

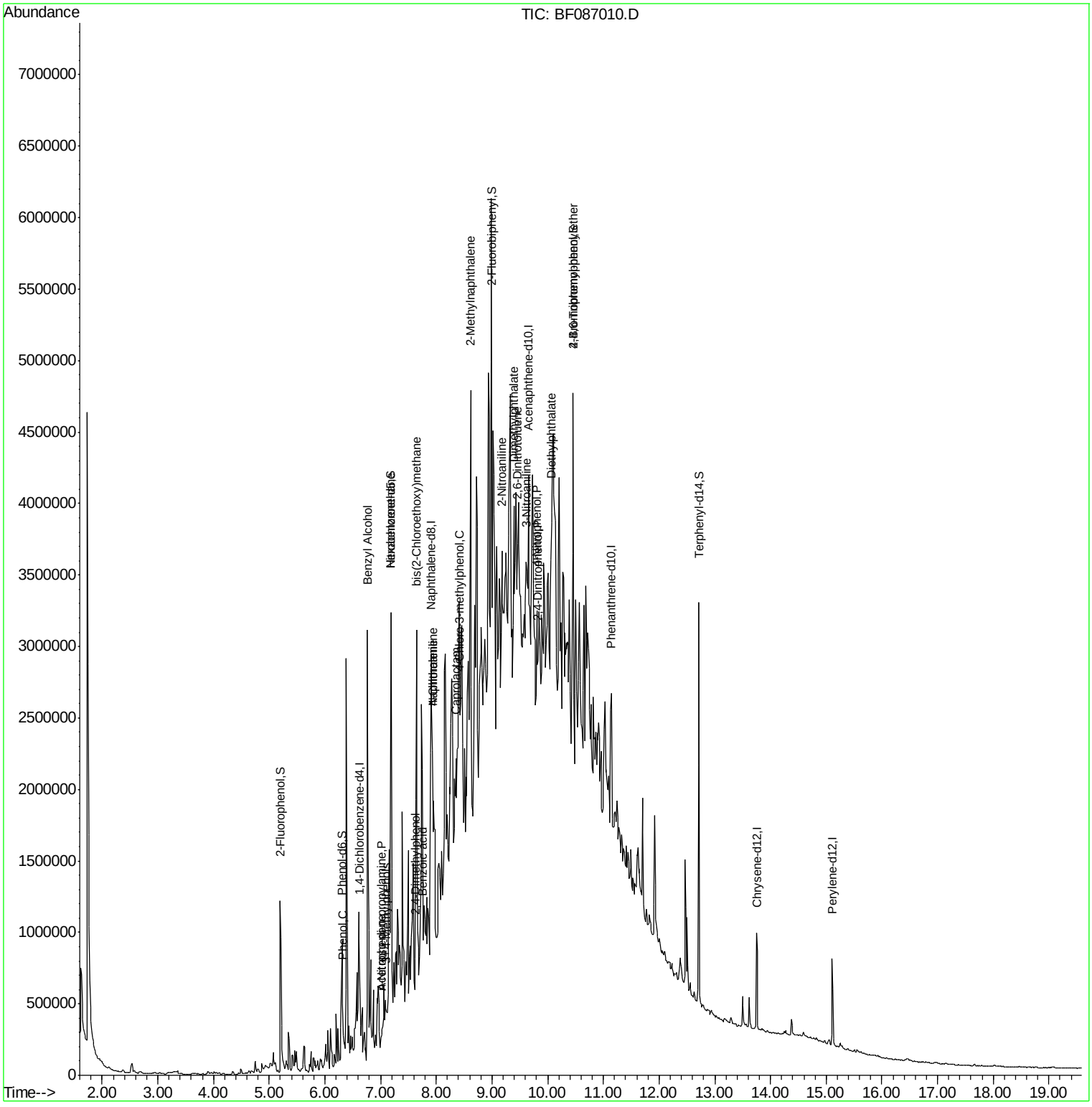
(#) = qualifier out of range (m) = manual integration (+) = signals summed

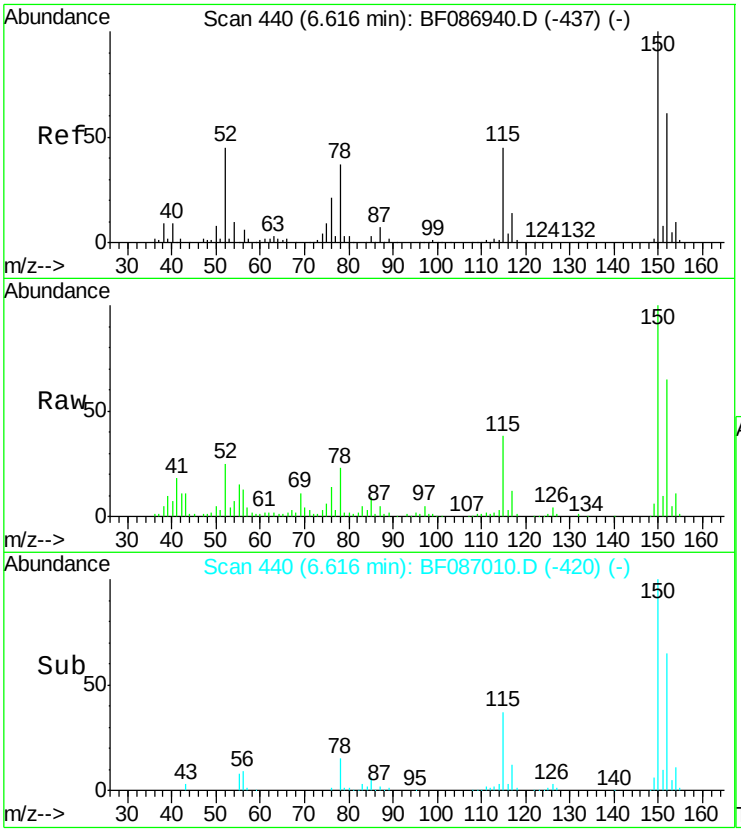
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Time: May 16 01:04:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



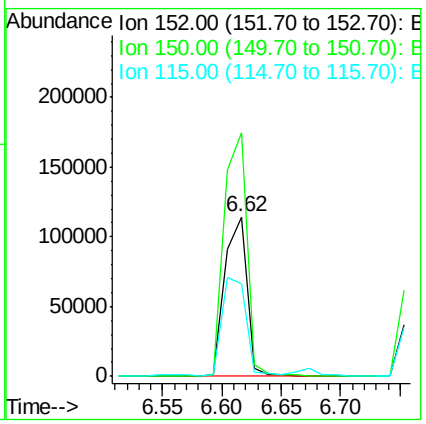


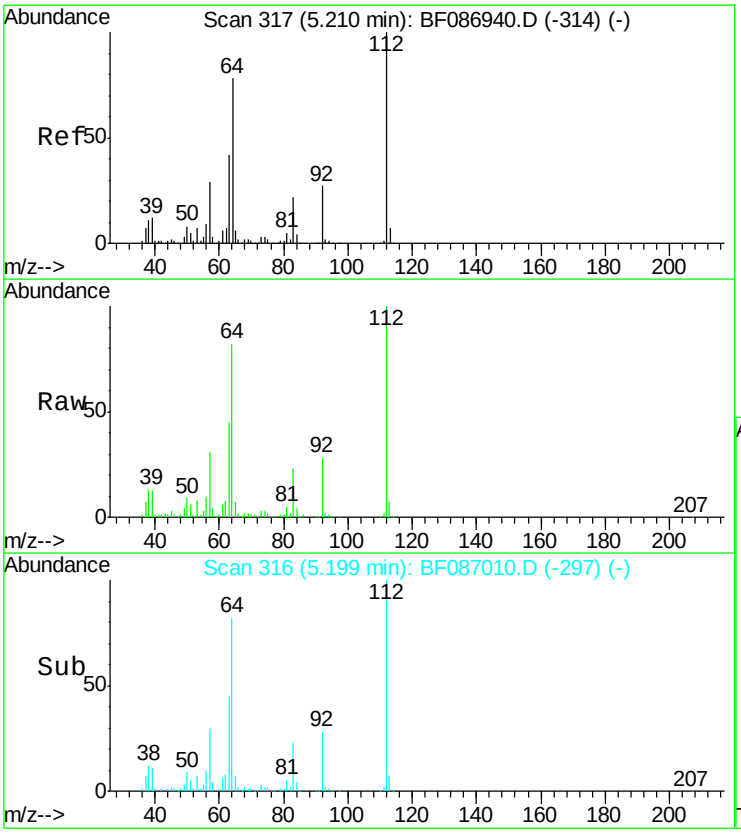
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 147321

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.8	188.6
115	58.0	51.5	77.3

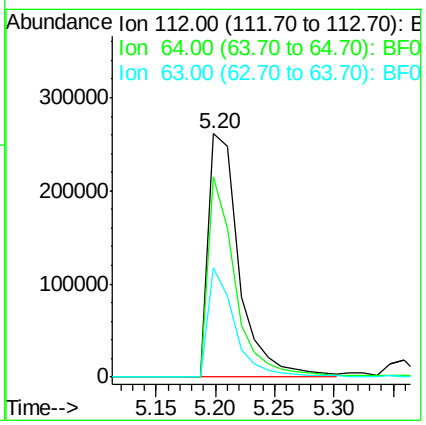


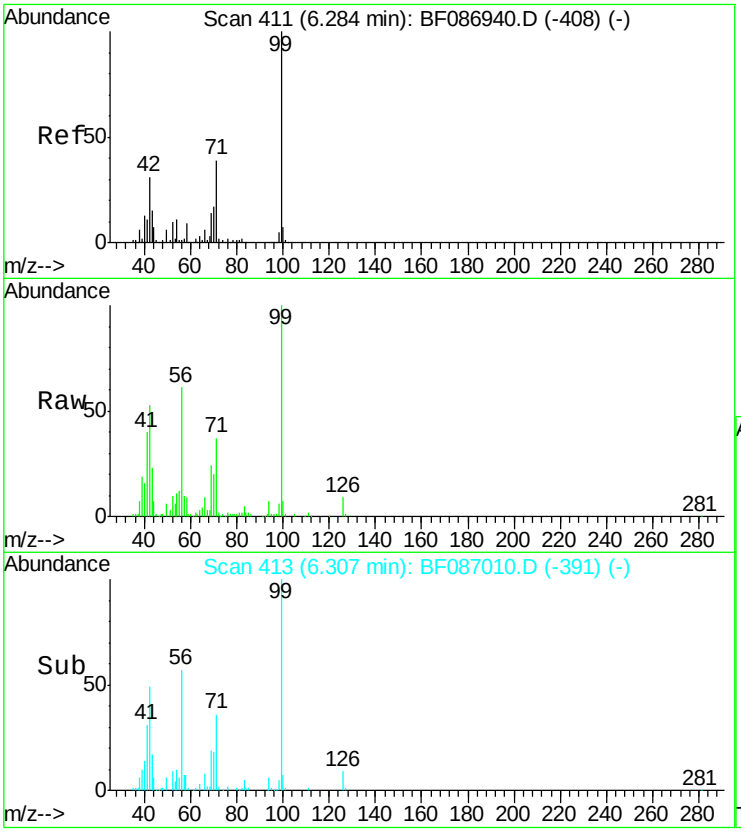


#5
2-Fluorophenol
Concen: 54.32 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:112 Resp: 472512

Ion	Ratio	Lower	Upper
112	100		
64	82.3	52.1	78.1#
63	44.9	25.7	38.5#



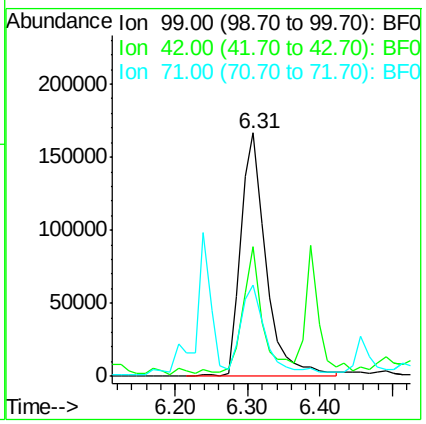


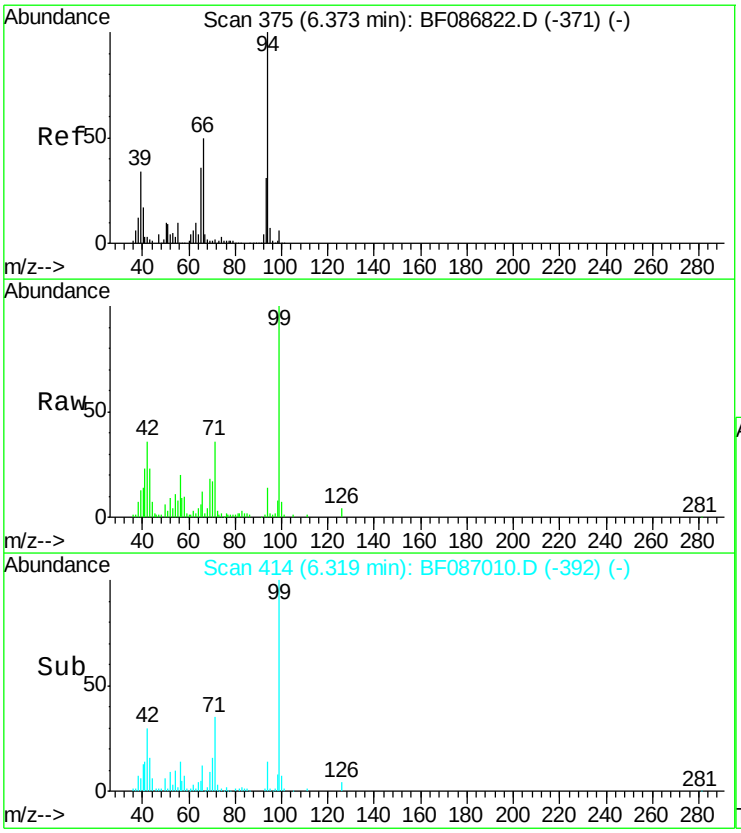
#7
Phenol-d6
Concen: 34.86 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 405229

Ion	Ratio	Lower	Upper
99	100		
42	53.5	13.6	20.4#
71	37.4	24.6	36.8#

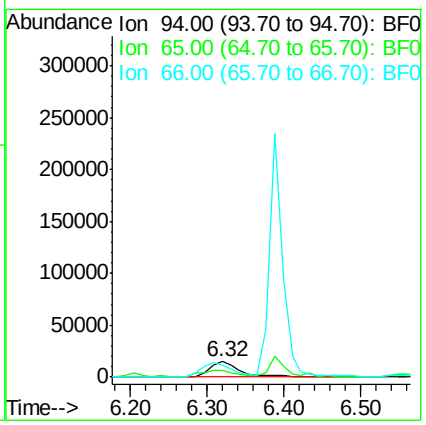


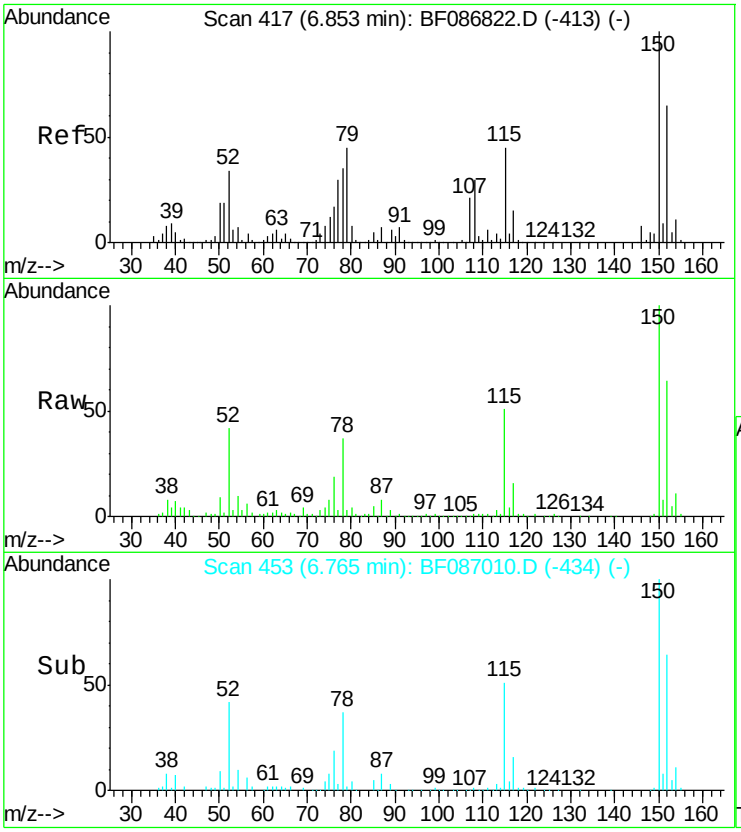


#10
Phenol
Concen: 2.97 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion: 94 Resp: 41012

Ion	Ratio	Lower	Upper
94	100		
65	44.2	7.2	47.2
66	81.9	14.9	54.9#



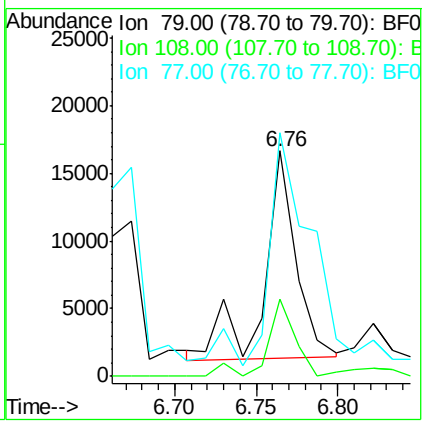


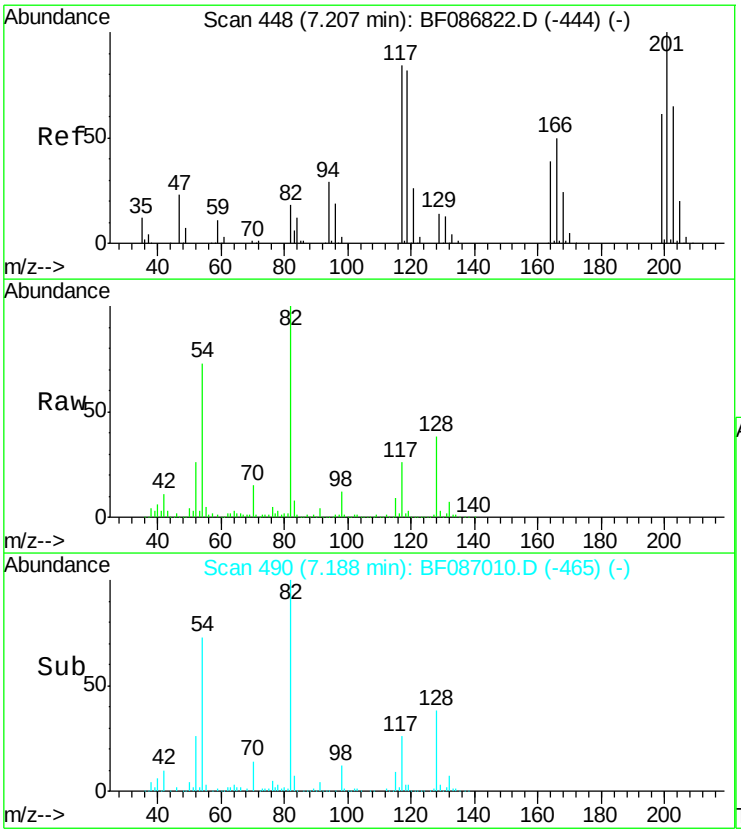
#15
Benzyl Alcohol
Concen: 2.65 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 79 Resp: 21288

Ion	Ratio	Lower	Upper
79	100		
108	34.0	68.4	102.6#
77	107.9	50.6	76.0#

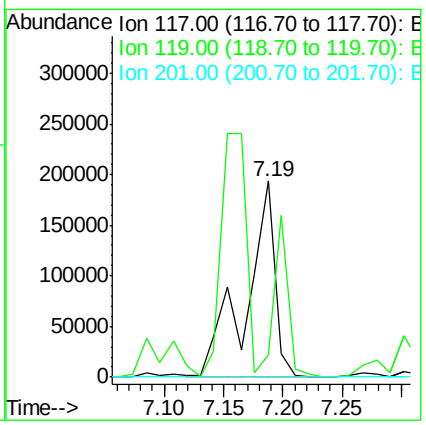


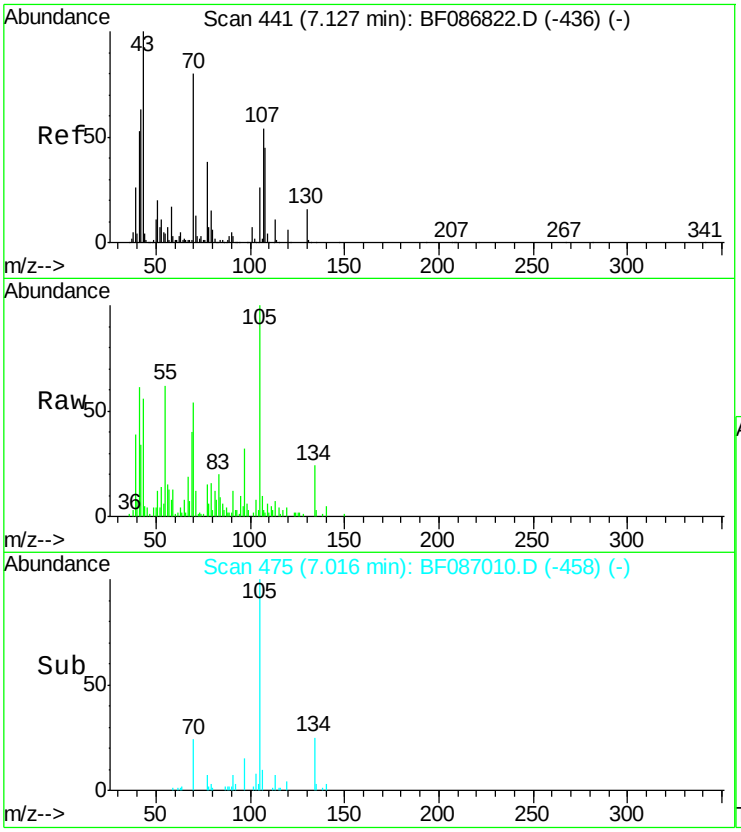


#18
Hexachloroethane
Concen: 74.63 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:117 Resp: 325297

Ion	Ratio	Lower	Upper
117	100		
119	11.6	76.5	114.7#
201	0.0	63.0	94.6#



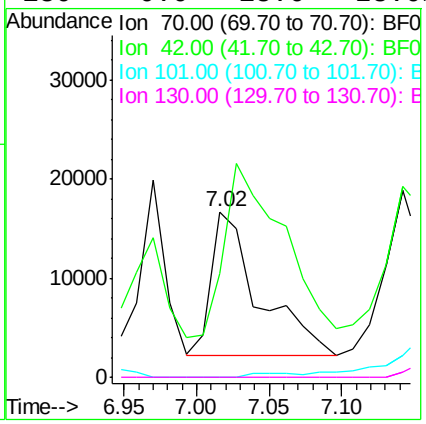


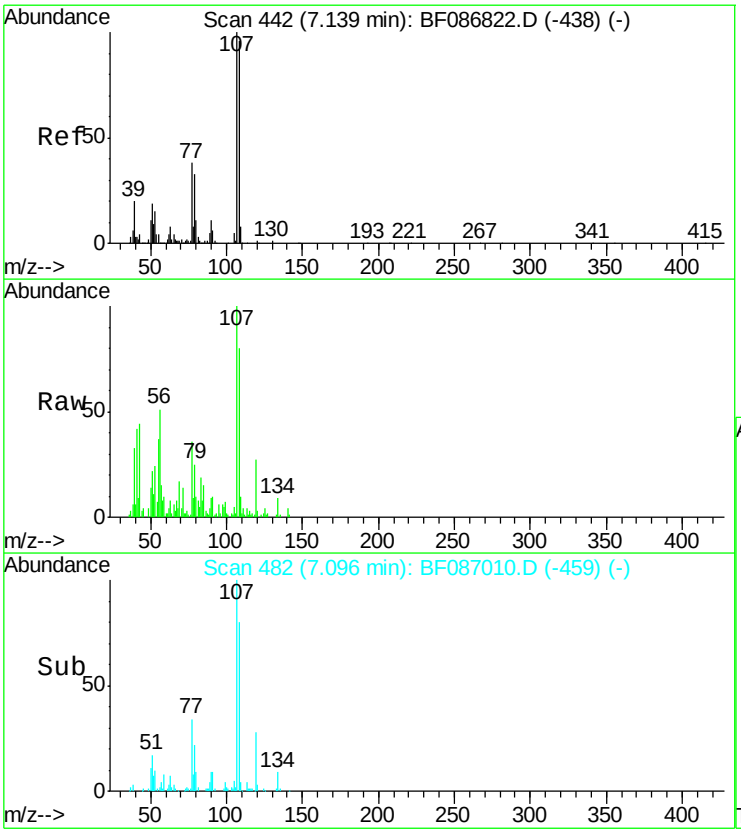
#19
n-Nitroso-di-n-propylamine
Concen: 4.09 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.11 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 70 Resp: 33221

Ion	Ratio	Lower	Upper
70	100		
42	62.4	43.1	64.7
101	0.0	8.1	12.1#
130	0.0	18.6	28.0#

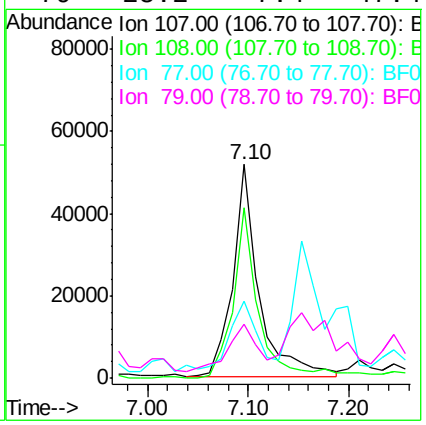


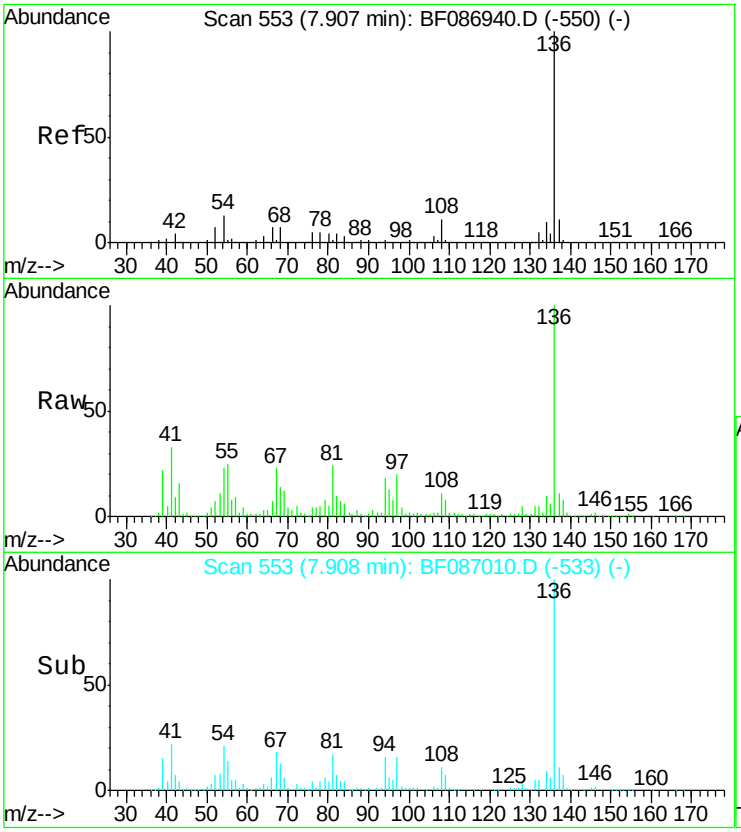


#20
3+4-Methylphenols
Concen: 8.46 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.04 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:107 Resp: 92328

Ion	Ratio	Lower	Upper
107	100		
108	79.9	68.5	108.5
77	36.1	101.6	141.6#
79	25.2	7.4	47.4



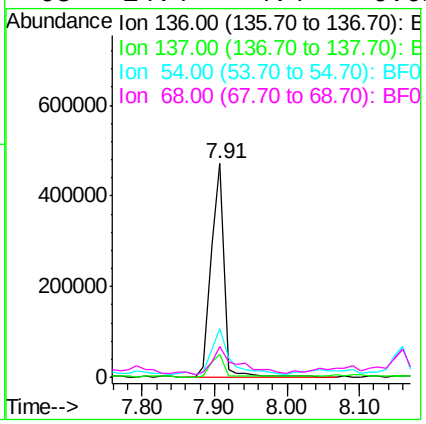


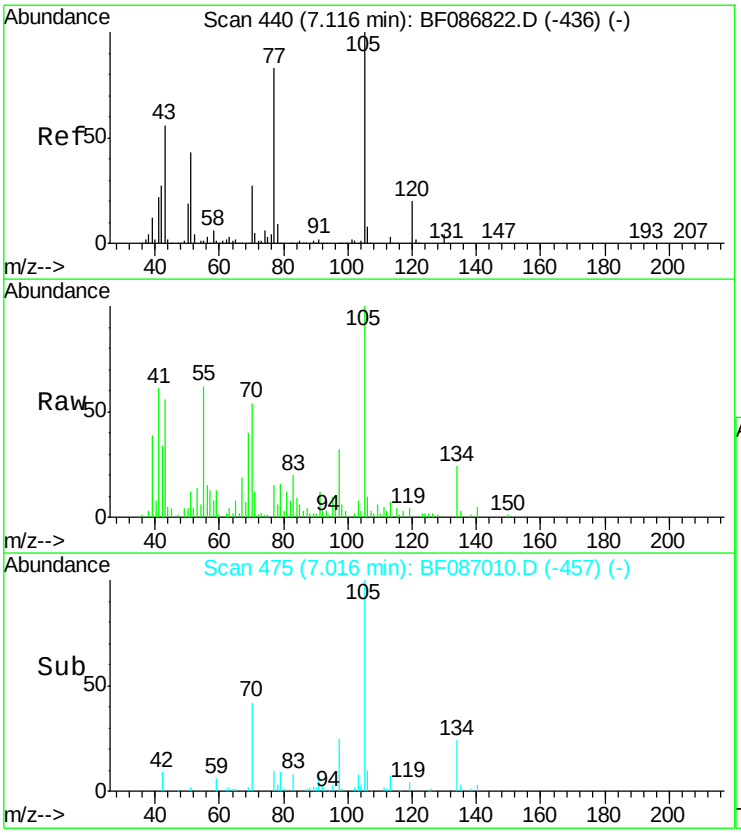
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 567522

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	22.6	5.0	7.4#
68	14.4	4.4	6.6#

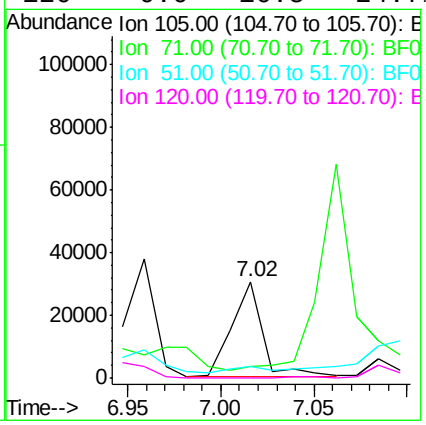


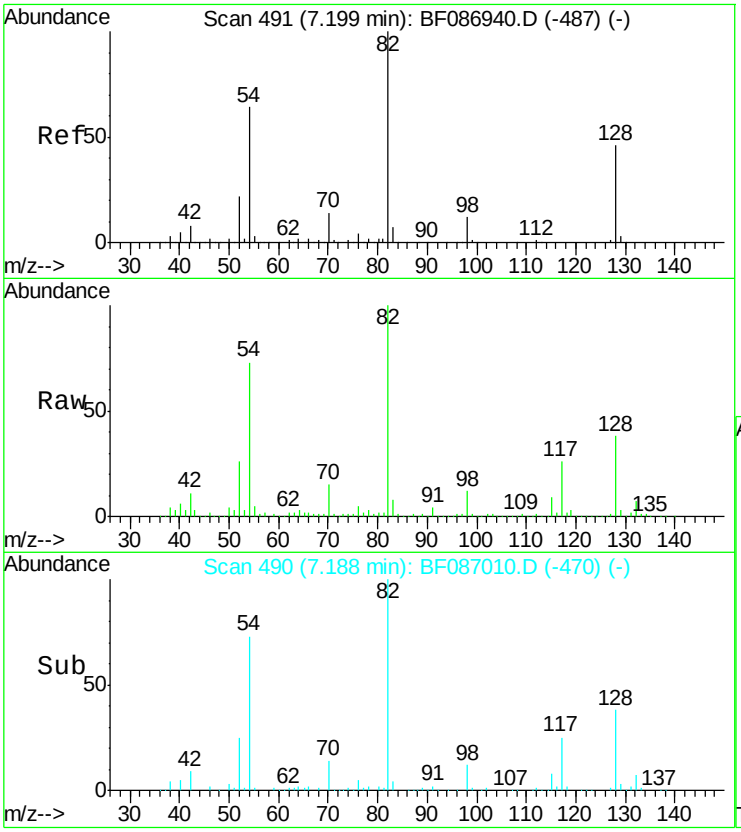


#22
Acetophenone
Concen: 2.55 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.10 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:105 Resp: 34219

Ion	Ratio	Lower	Upper
105	100		
71	12.1	4.8	7.2#
51	11.7	32.6	49.0#
120	0.0	16.5	24.7#



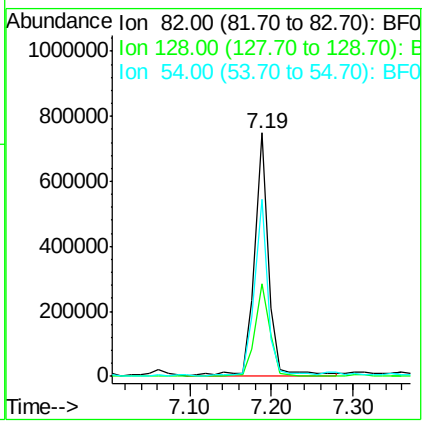


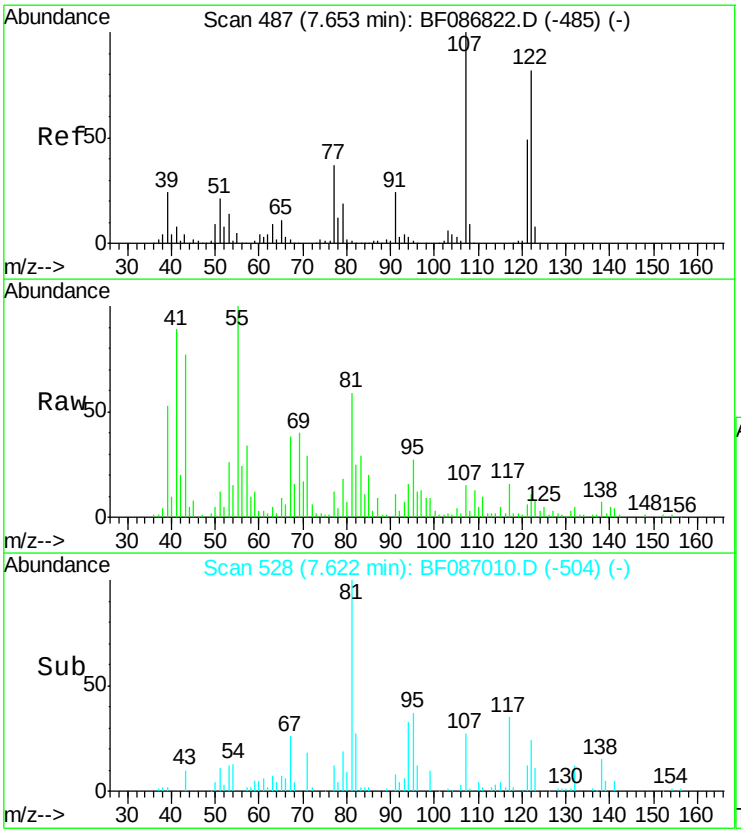
#23
Nitrobenzene-d5
Concen: 78.03 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 881877

Ion	Ratio	Lower	Upper
82	100		
128	38.2	40.6	61.0#
54	72.6	38.1	57.1#

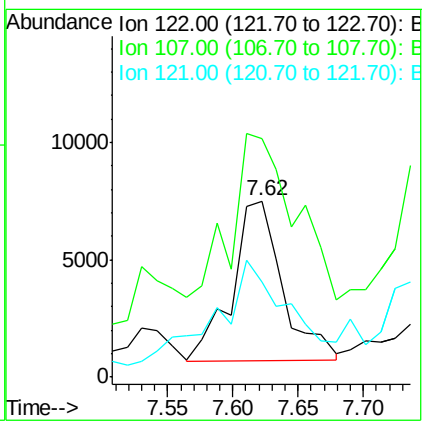


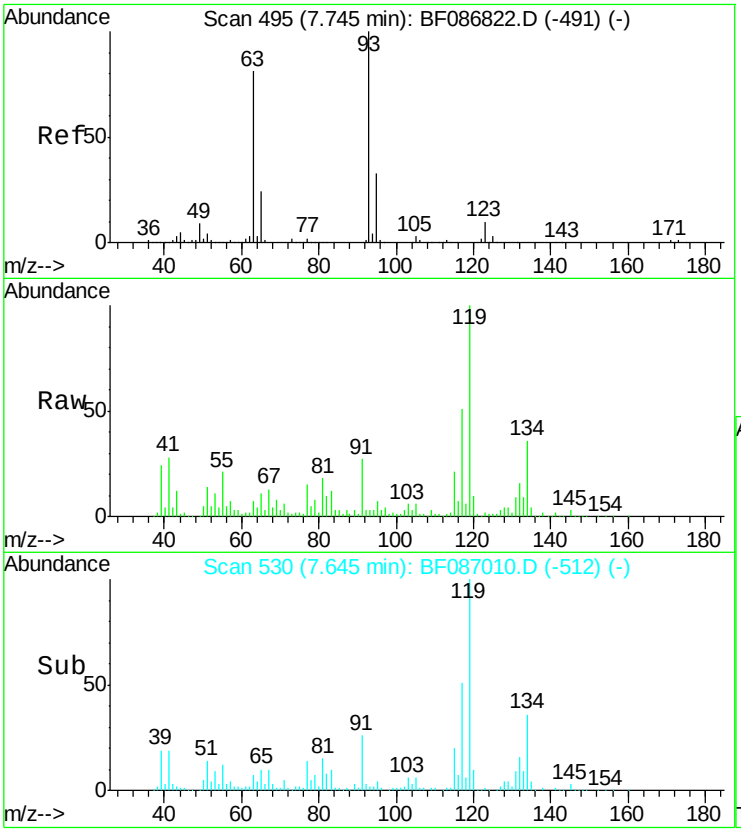


#27
2,4-Dimethylphenol
Concen: 2.10 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:122 Resp: 18266

Ion	Ratio	Lower	Upper
122	100		
107	135.5	82.0	123.0#
121	53.7	46.1	69.1



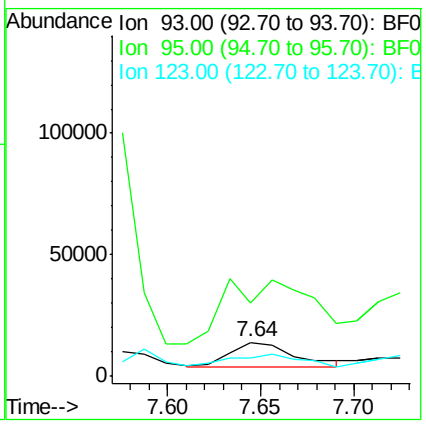


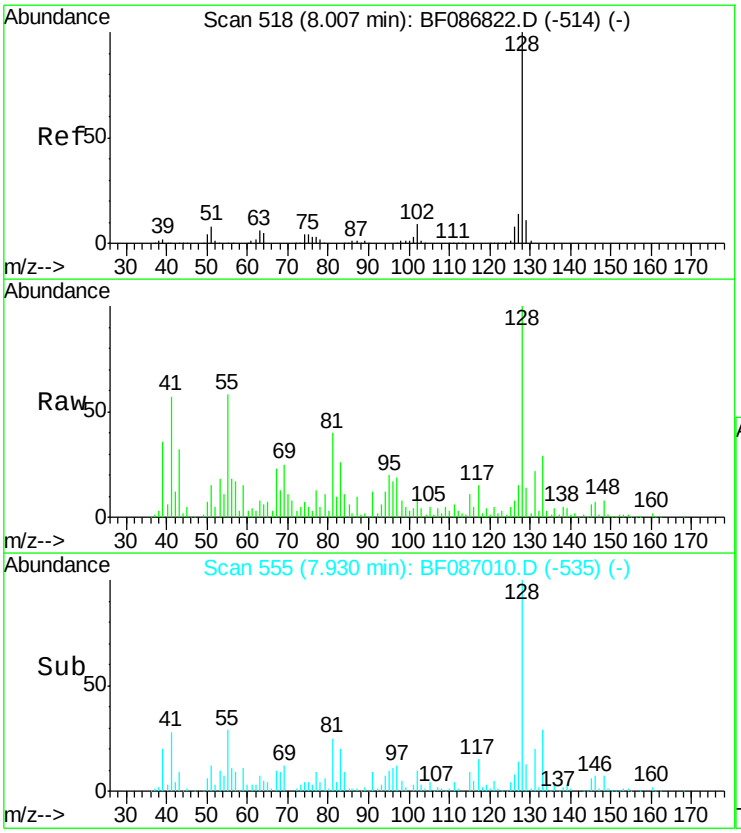
#28
bis(2-Chloroethoxy)methane
Concen: 2.12 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 93 Resp: 23988

Ion	Ratio	Lower	Upper
93	100		
95	217.1	26.0	39.0#
123	55.5	9.5	14.3#

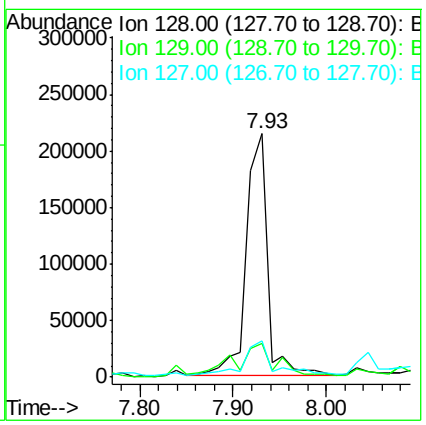


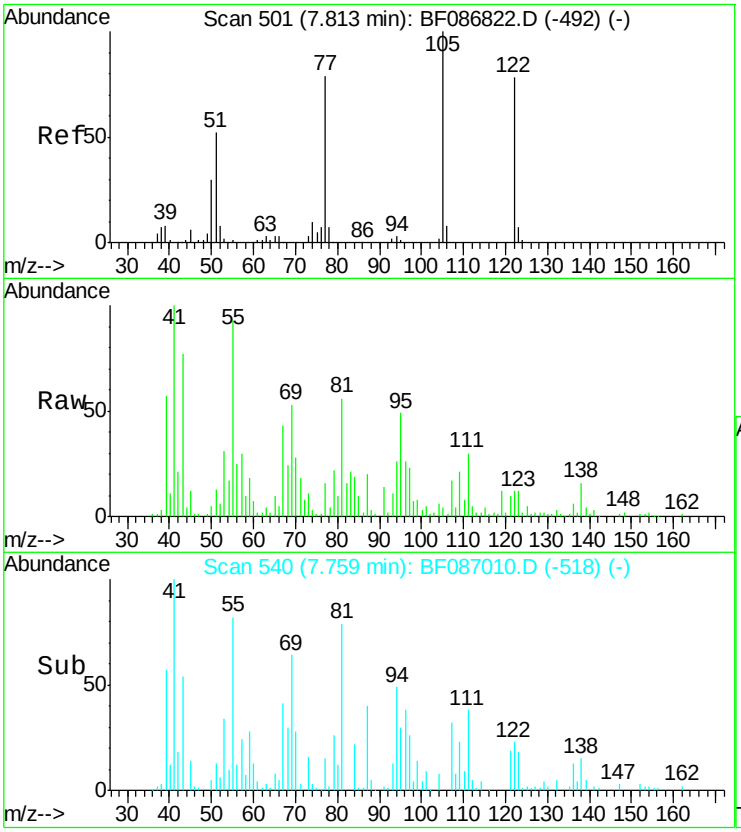


#31
Naphthalene
Concen: 11.71 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:128 Resp: 332905

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.6	13.0#
127	15.1	10.8	16.2



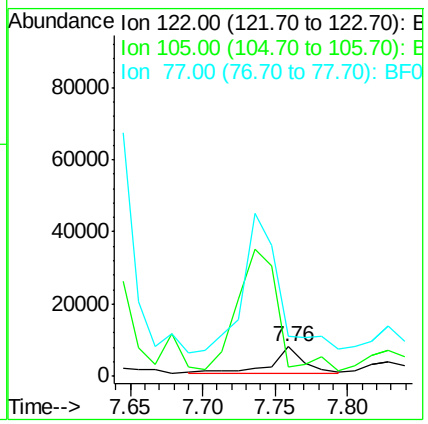


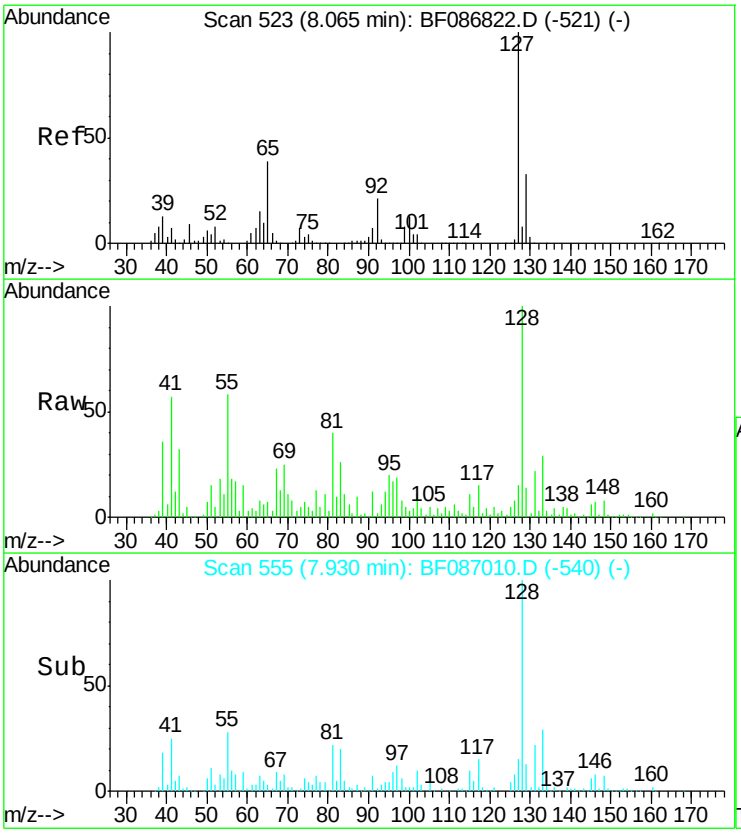
#32
Benzoic acid
Concen: 2.35 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:122 Resp: 12023

Ion	Ratio	Lower	Upper
122	100		
105	31.0	92.6	132.6#
77	137.3	60.0	100.0#

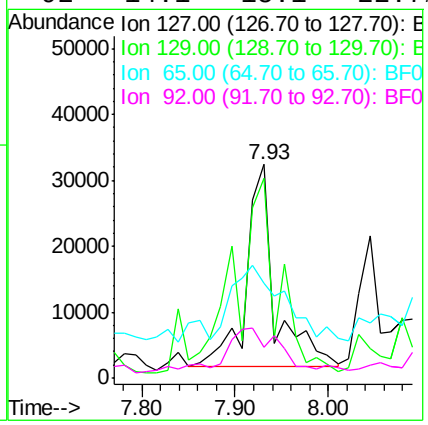


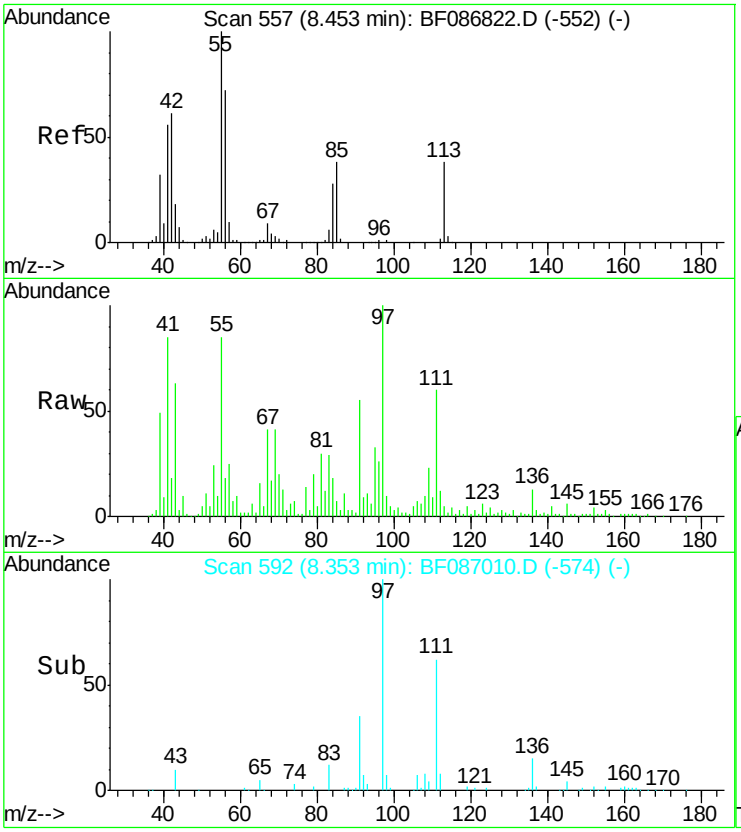


#33
4-Chloroaniline
Concen: 5.94 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.13 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:127 Resp: 65610

Ion	Ratio	Lower	Upper
127	100		
129	93.6	26.2	39.4#
65	44.1	23.0	34.4#
92	14.1	15.1	22.7#



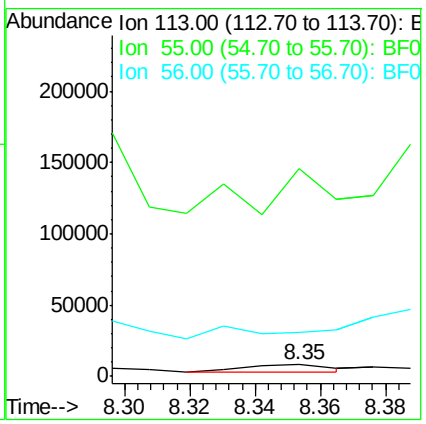


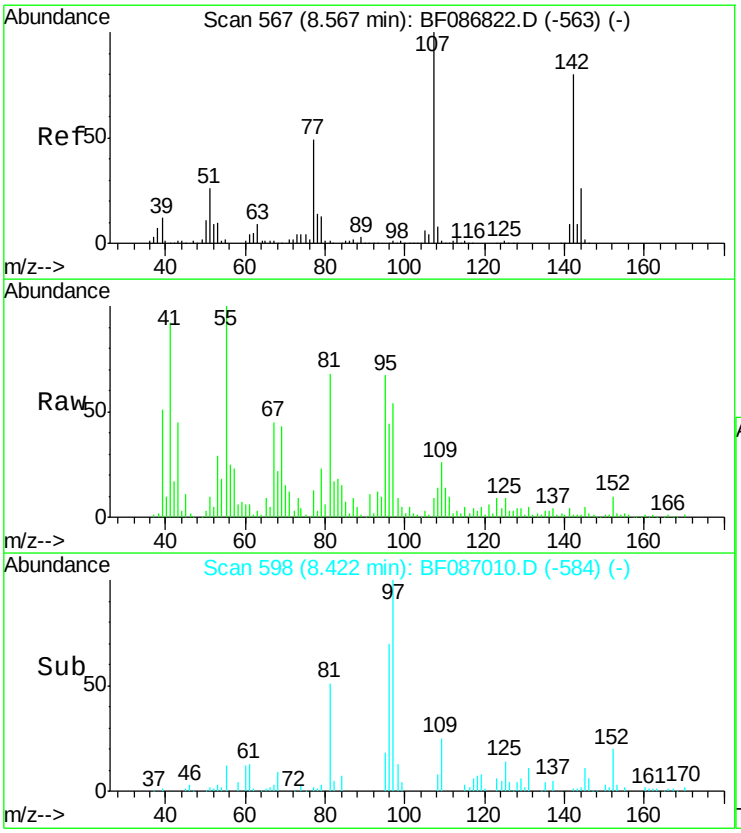
#35
Caprolactam
Concen: 3.29 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.10 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:113 Resp: 8572

Ion	Ratio	Lower	Upper
113	100		
55	1779.6	162.0	202.0#
56	380.4	115.3	155.3#

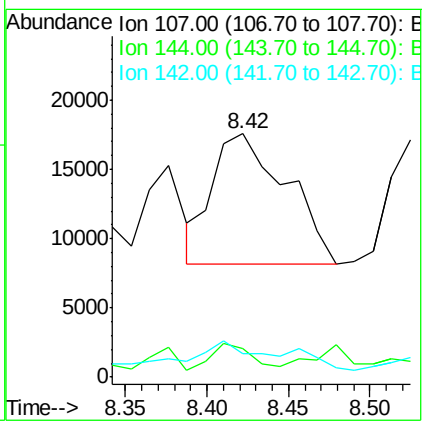


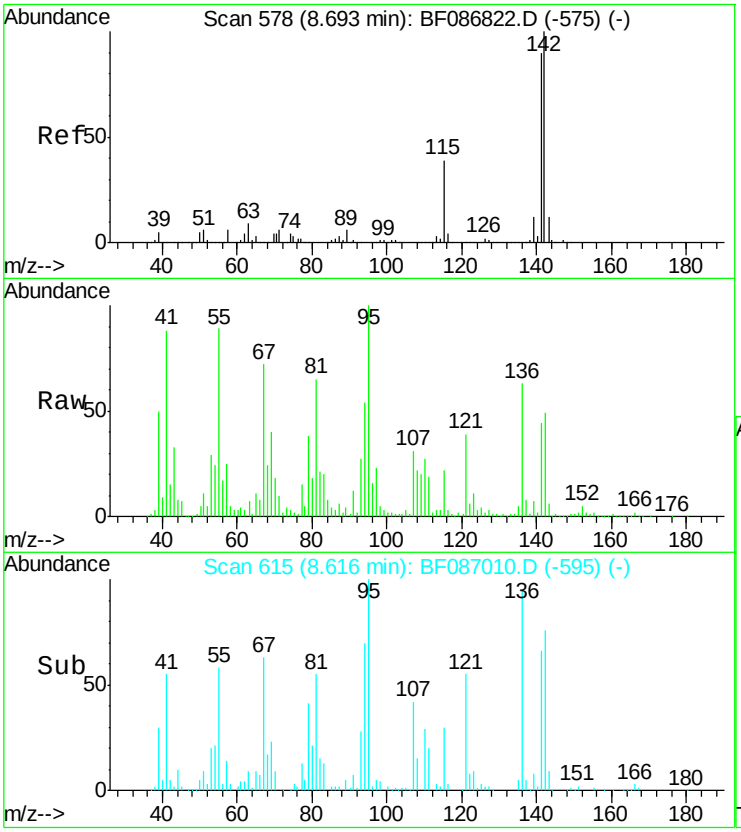


#36
4-Chloro-3-methylphenol
Concen: 3.17 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.15 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:107 Resp: 29502

Ion	Ratio	Lower	Upper
107	100		
144	11.5	20.7	31.1#
142	9.5	63.2	94.8#



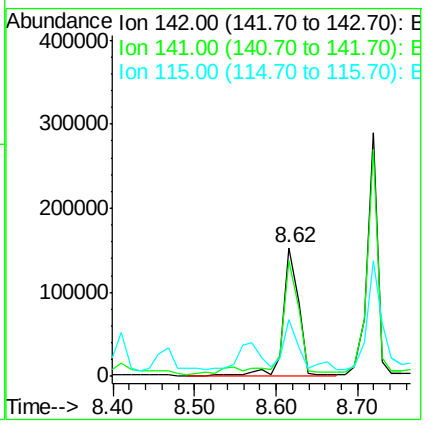


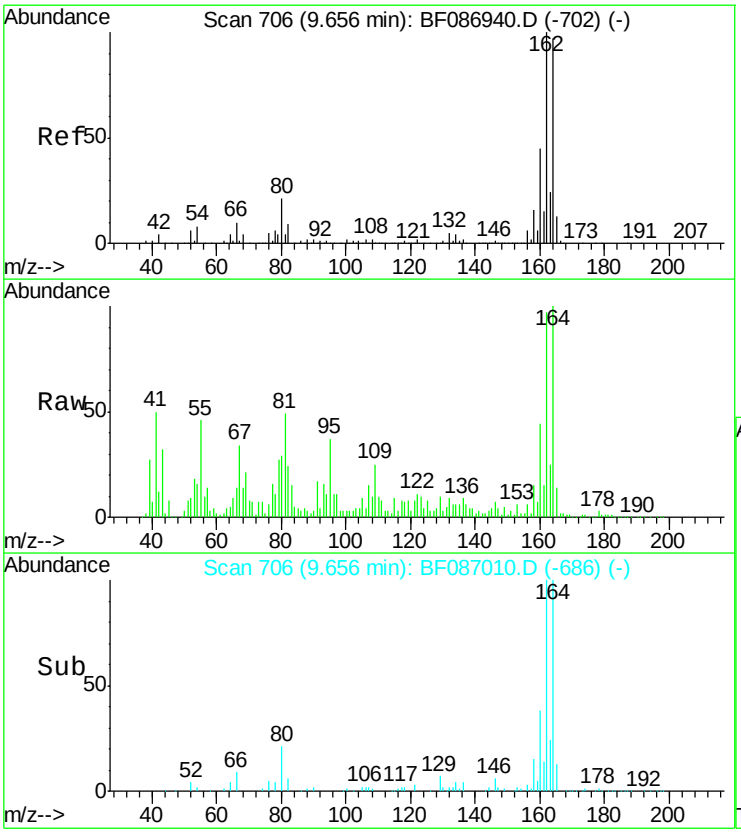
#37
2-Methylnaphthalene
Concen: 12.02 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:142 Resp: 199754

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	44.0	26.6	39.8#

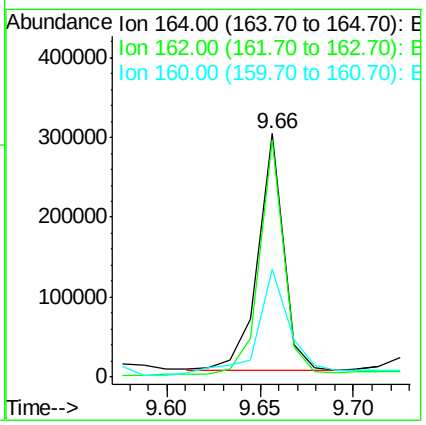


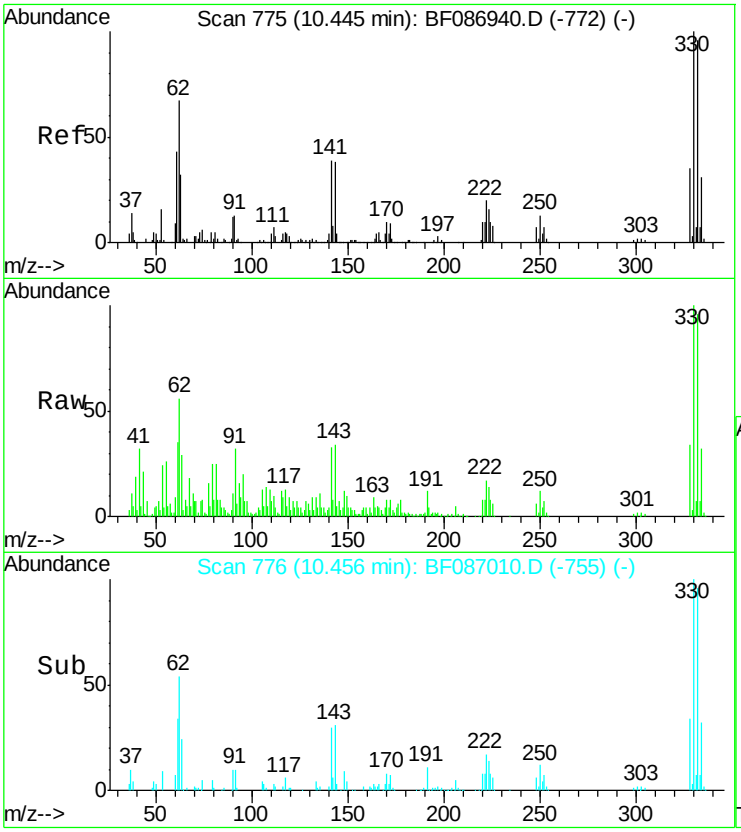


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:164 Resp: 284549

Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.8	124.2
160	44.3	36.9	55.3



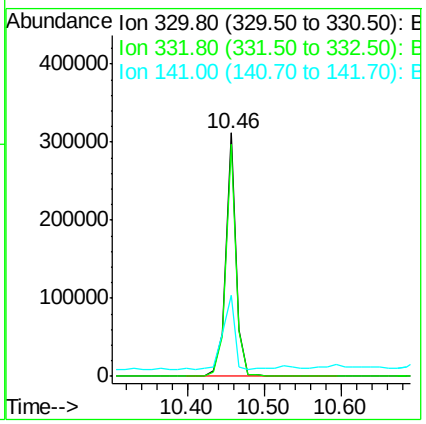


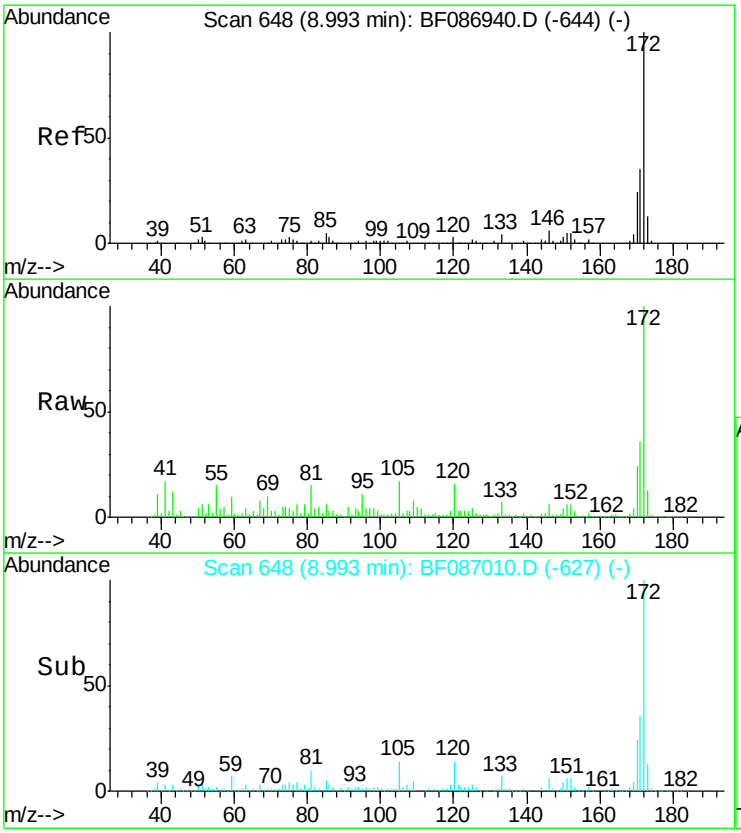
#41
2,4,6-Tribromophenol
Concen: 100.77 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 303573

Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	34.6	31.2	46.8

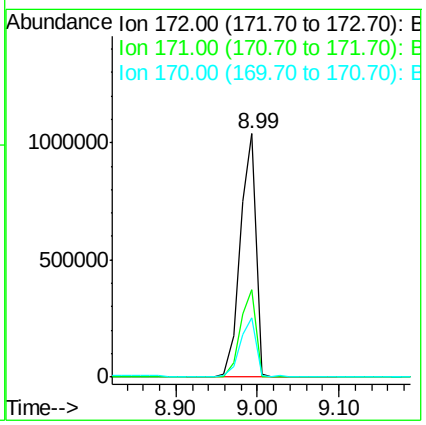


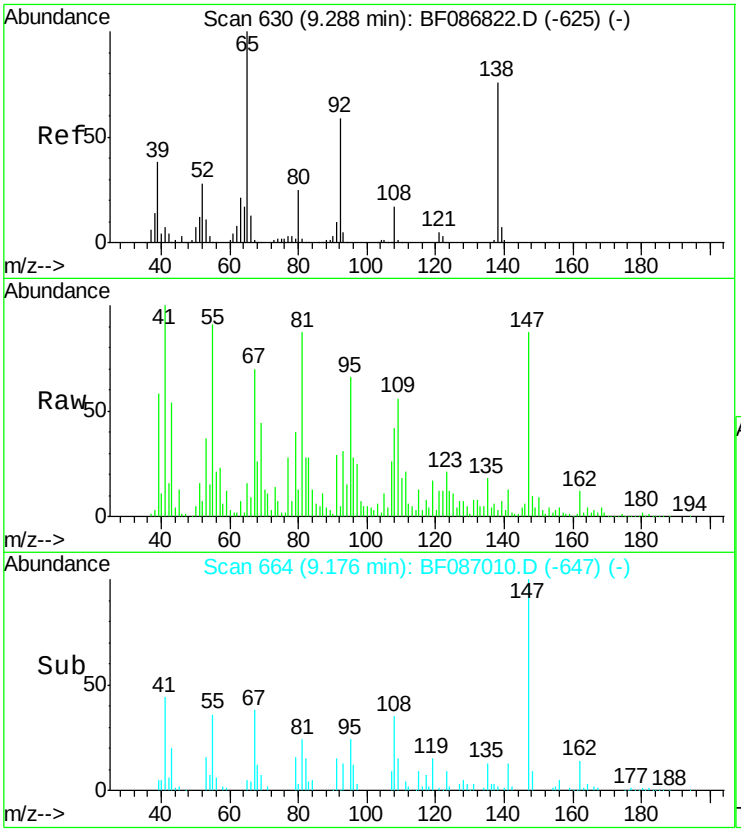


#44
2-Fluorobiphenyl
Concen: 81.47 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.07 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:172 Resp: 1379312

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8



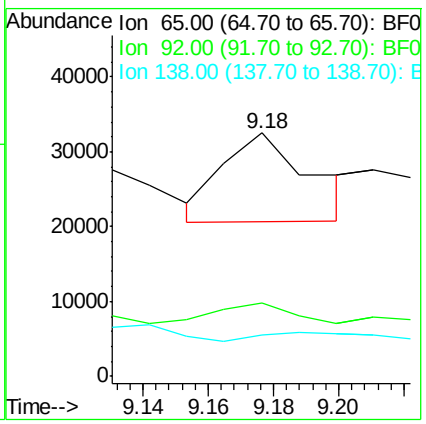


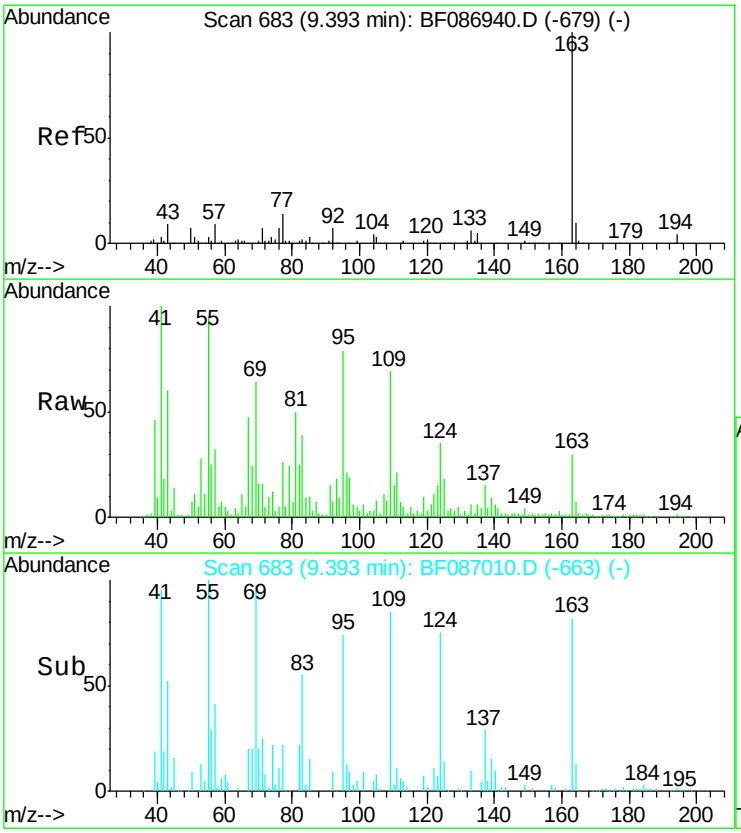
#47
2-Nitroaniline
Concen: 3.41 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.11 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 65 Resp: 22080

Ion	Ratio	Lower	Upper
65	100		
92	30.2	57.4	86.2#
138	17.1	90.1	135.1#

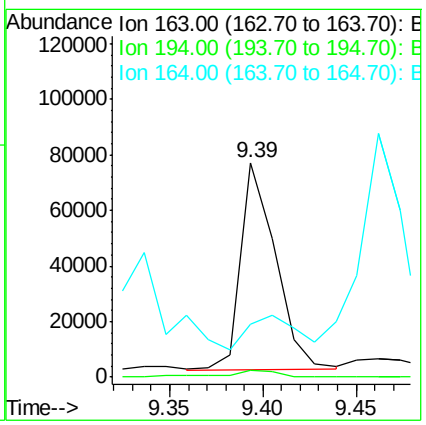


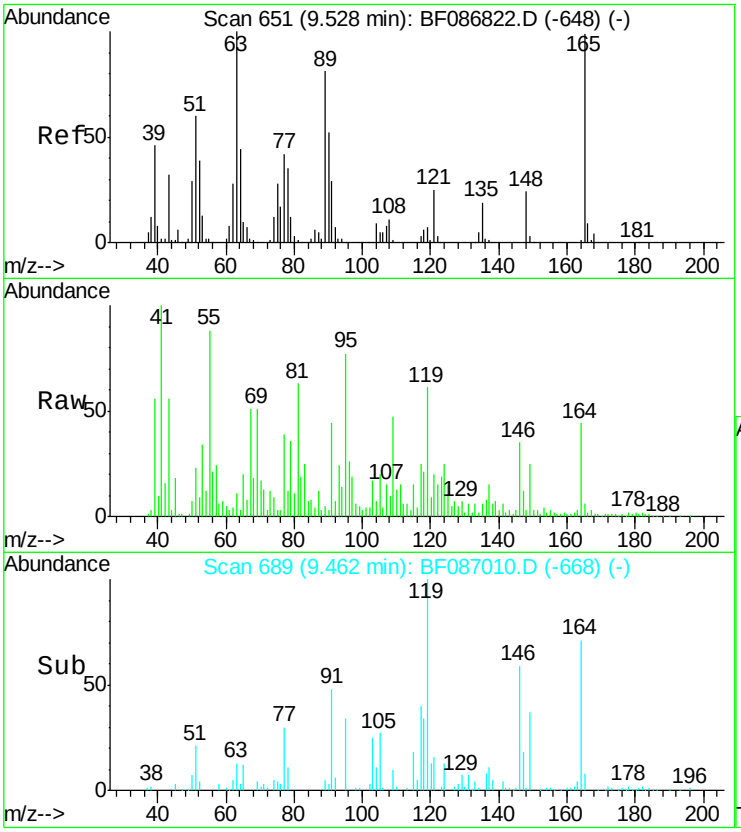


#49
Dimethylphthalate
Concen: 4.49 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:163 Resp: 97424

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	24.9	8.2	12.4#



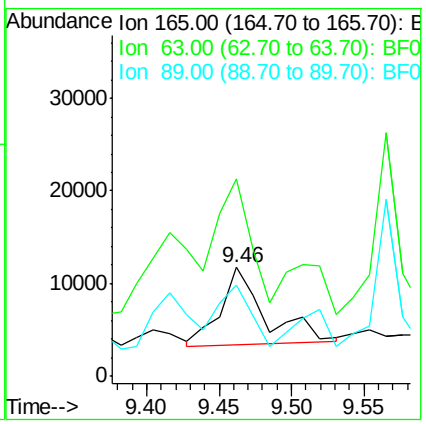


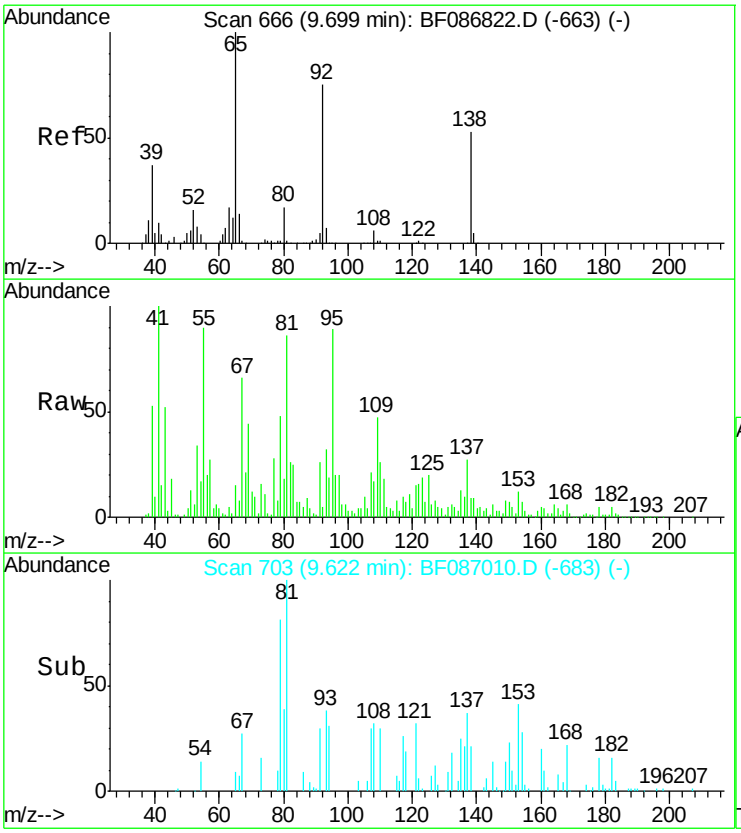
#50
2,6-Dinitrotoluene
Concen: 3.87 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.07 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:165 Resp: 17683

Ion	Ratio	Lower	Upper
165	100		
63	181.7	51.8	77.8#
89	84.4	50.7	76.1#

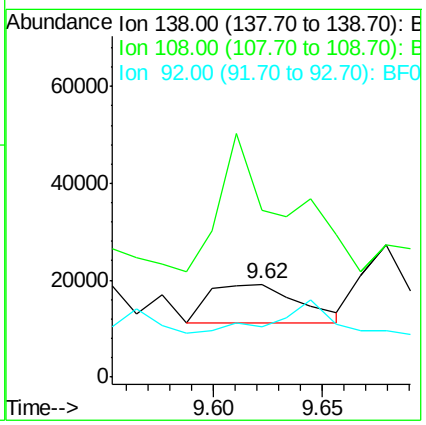


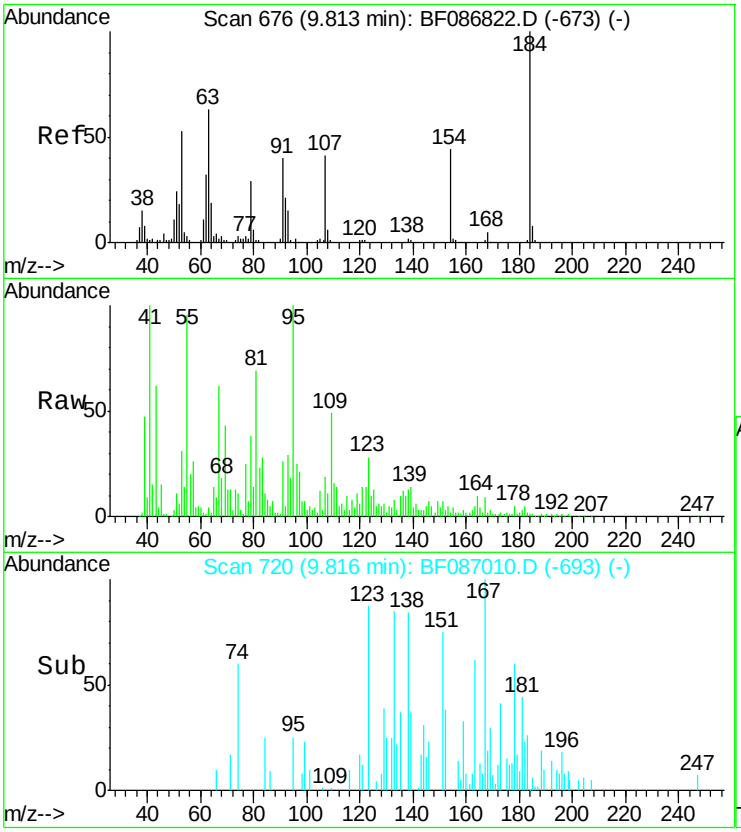


#52
3-Nitroaniline
Concen: 4.82 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:138 Resp: 23178

Ion	Ratio	Lower	Upper
138	100		
108	178.6	7.8	11.6#
92	54.4	87.8	131.8#



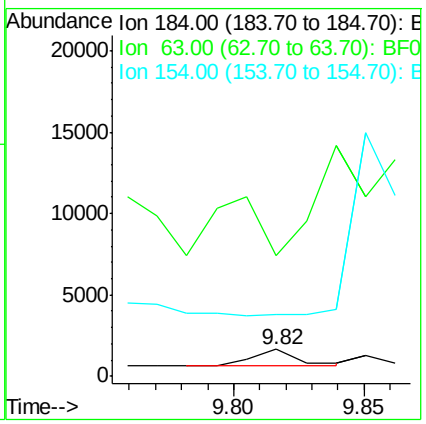


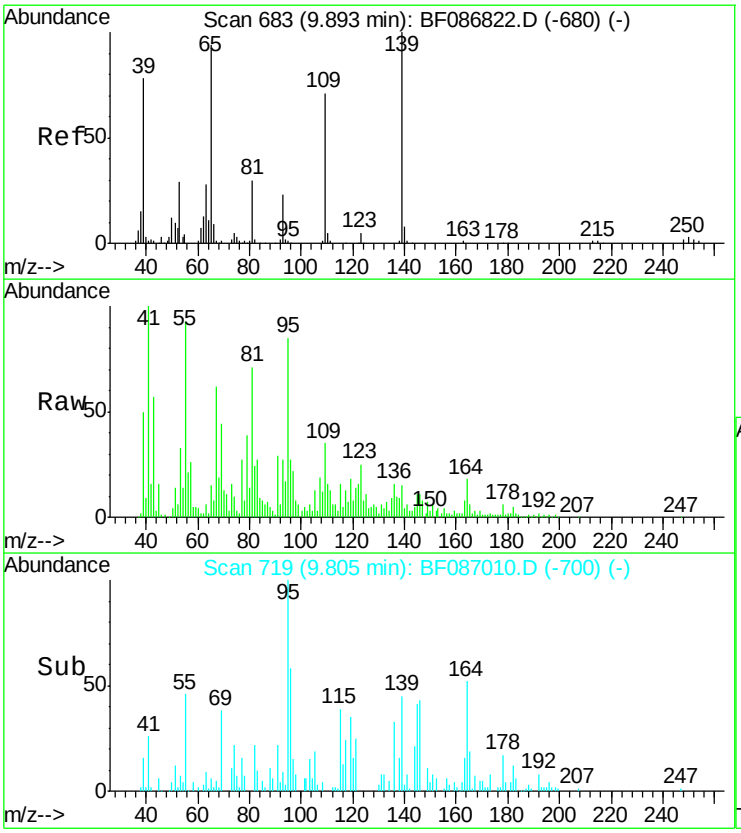
#53
2,4-Dinitrophenol
Concen: 8.16 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:184 Resp: 1204

Ion	Ratio	Lower	Upper
184	100		
63	448.6	55.8	83.8#
154	231.1	62.4	93.6#

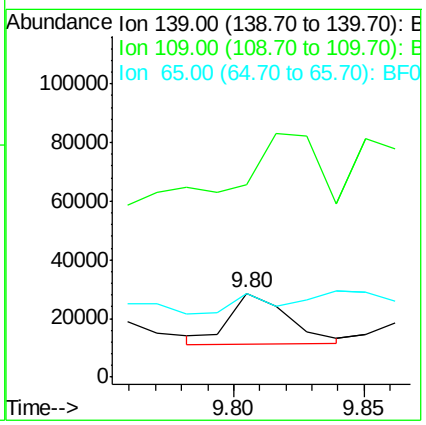


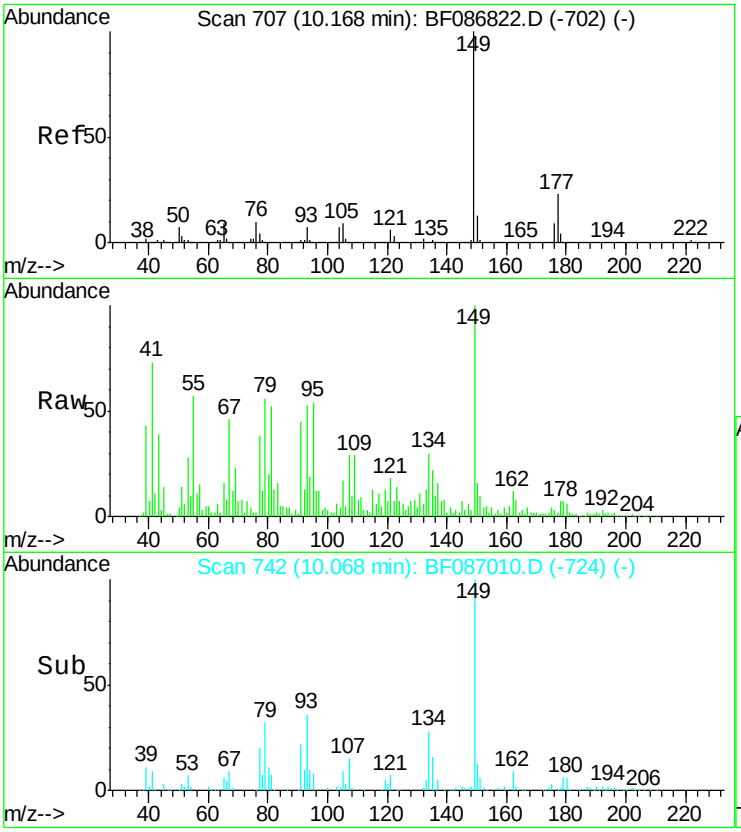


#55
4-Nitrophenol
Concen: 12.54 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.09 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:139 Resp: 27154

Ion	Ratio	Lower	Upper
139	100		
109	228.6	36.9	76.9#
65	99.7	64.0	104.0



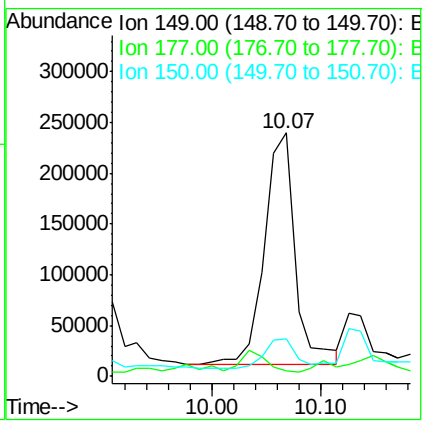


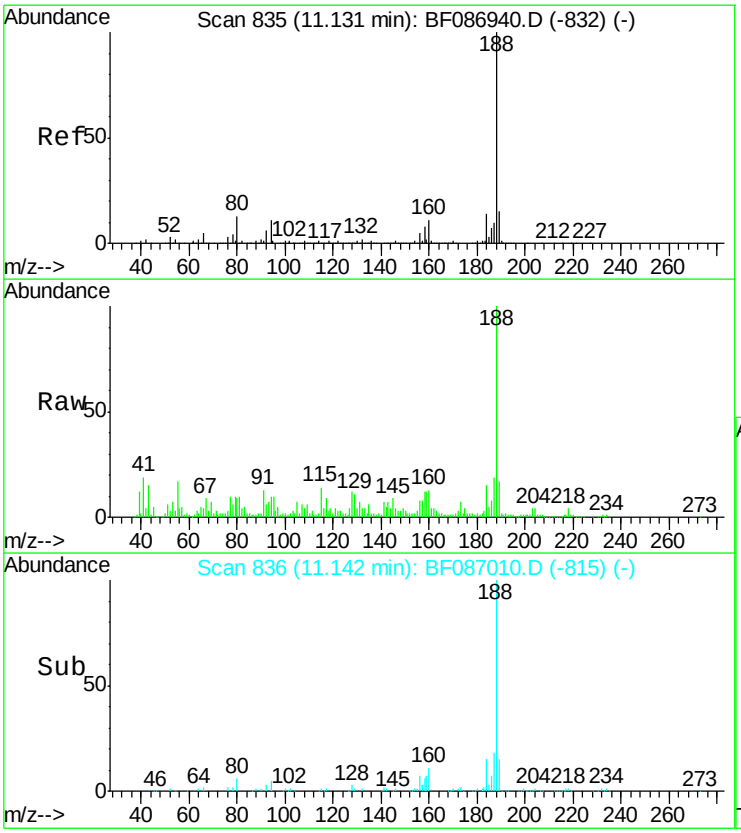
#59
Diethylphthalate
Concen: 21.30 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.10 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:149 Resp: 450547

Ion	Ratio	Lower	Upper
149	100		
177	2.3	16.6	24.8#
150	15.6	10.0	15.0#

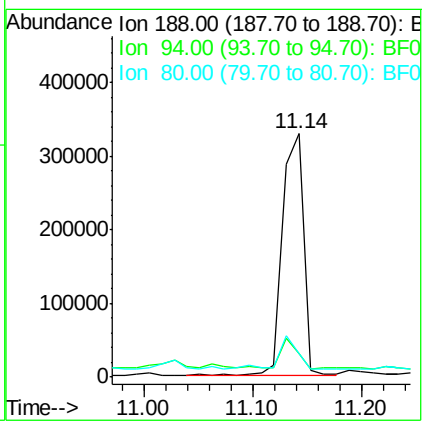


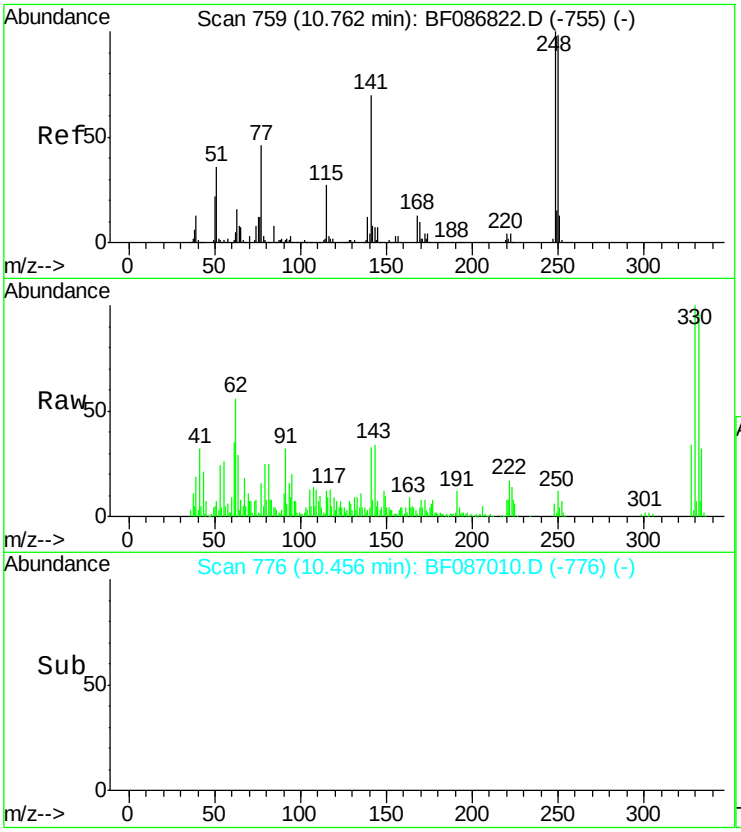


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:188 Resp: 440780

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.8	10.2
80	9.4	7.1	10.7



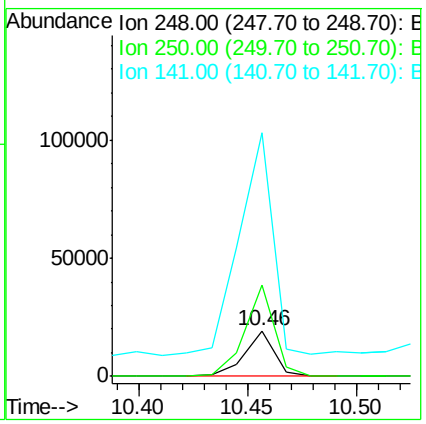


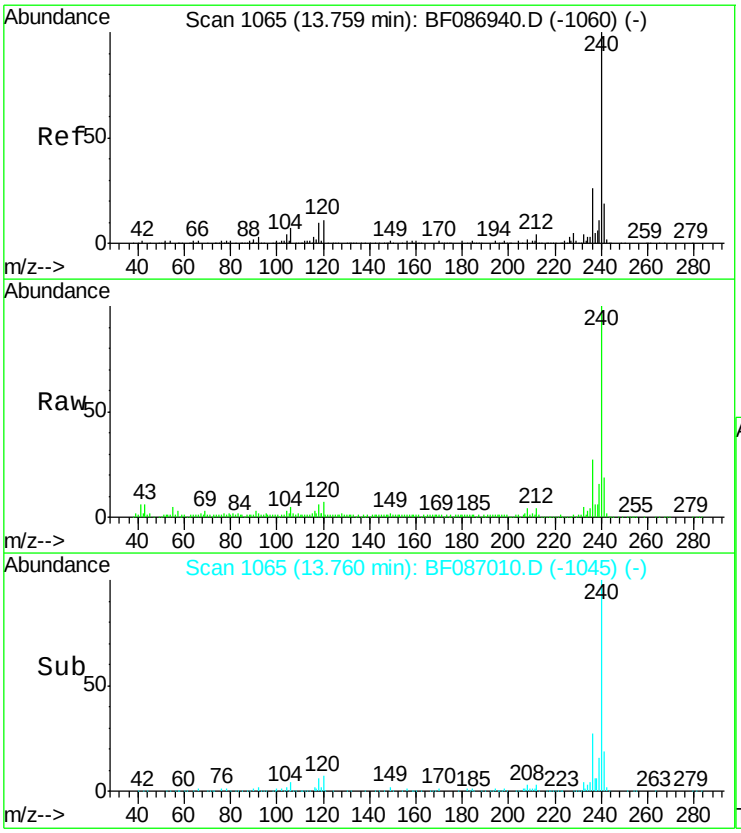
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:248 Resp: 18725

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.6	117.8#
141	531.2	76.0	114.0#

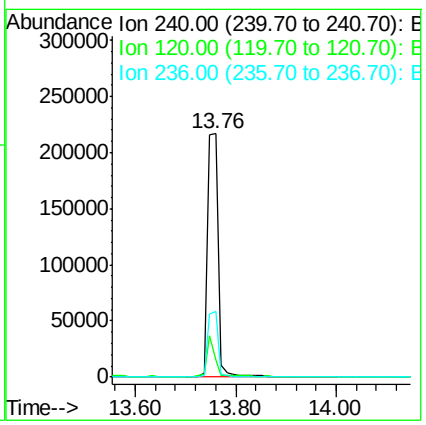


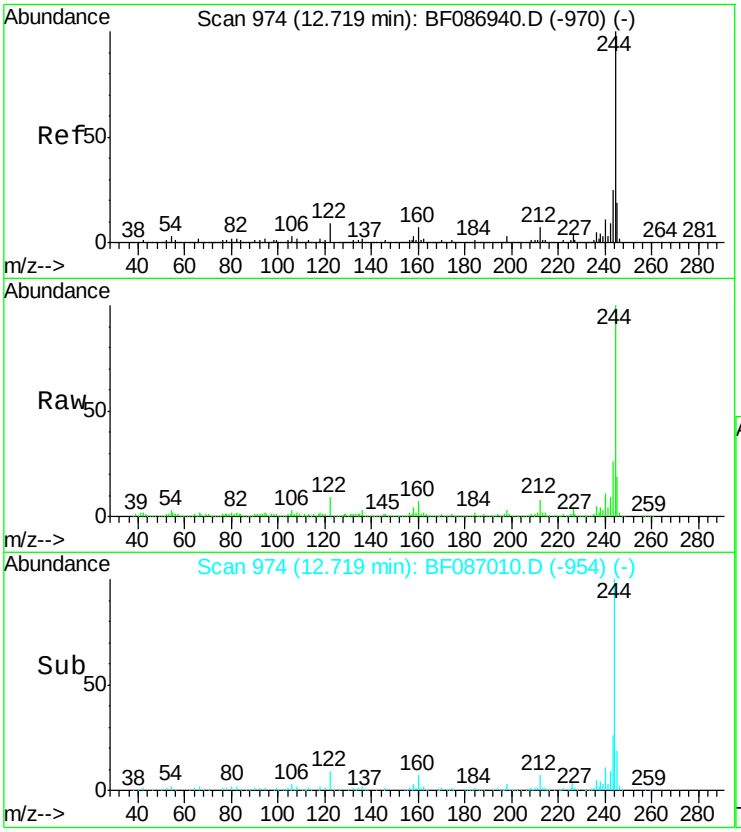


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:240 Resp: 313578

Ion	Ratio	Lower	Upper
240	100		
120	7.1	11.2	16.8#
236	26.8	21.2	31.8



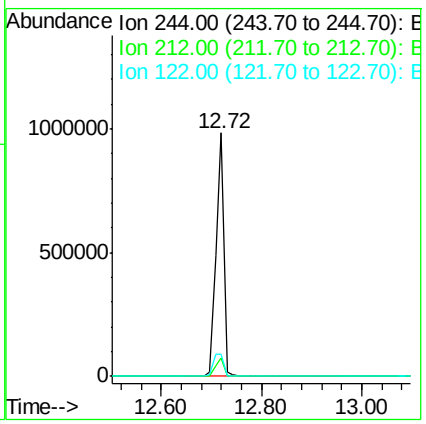


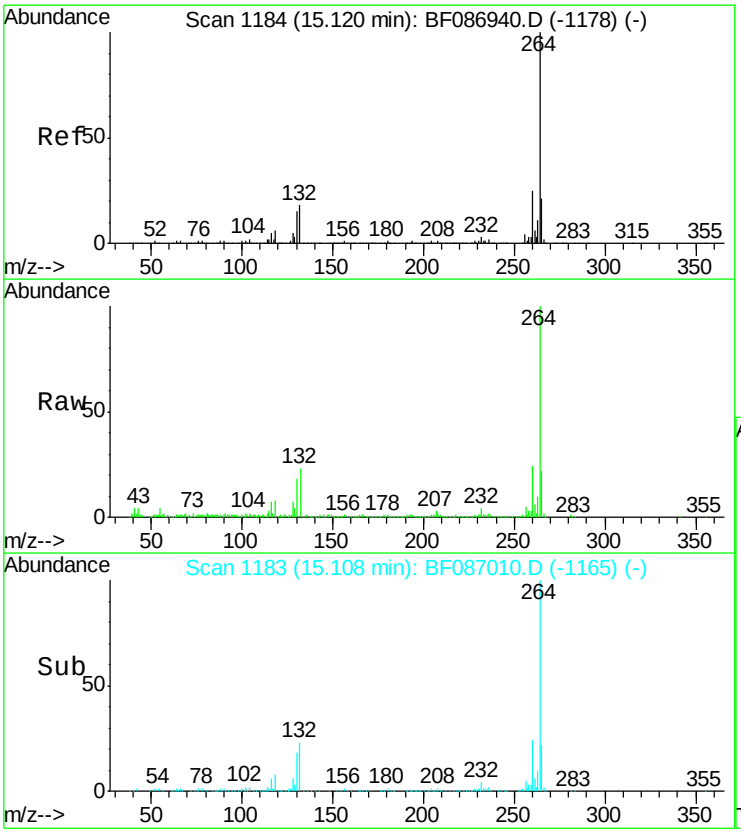
#78
Terphenyl-d14
Concen: 70.77 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1045997

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.9	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:264 Resp: 284807

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.3	25.9