Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087055.D
Acq On : 15 May 2016 8:15
Operator : UM/SJ
Sample : H3052-11
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Time: May 16 04:54:52 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	148333	20.00	ng		-0.08
21) Naphthalene-d8	7.91	136	545495	20.00	ng		-0.08
38) Acenaphthene-d10	9.66	164	194716	20.00	ng		-0.08
63) Phenanthrene-d10	11.14	188	434848	20.00	ng		-0.07
75) Chrysene-d12	13.76	240	313049	20.00	ng		-0.08
86) Perylene-d12	15.11	264	330143	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	473995	54.12	ng		-0.07
7) Phenol-d6	6.33	99	411871	35.18	ng		-0.03
23) Nitrobenzene-d5	7.19	82	834429	76.81	ng		-0.08
41) 2,4,6-Tribromophenol	10.47	330	271499	131.71	ng		-0.05
44) 2-Fluorobiphenyl	8.99	172	1067107	92.11	ng		-0.07
78) Terphenyl-d14	12.72	244	836313	56.68	ng		-0.08
Target Compounds							Qvalue
10) Phenol	6.34	94	42854	3.08	ng	#	52
15) Benzyl Alcohol	6.76	79	21862	2.70	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	6.91	45	75520	3.20	ng		83
17) 2-Methylphenol	7.10	107	240995	28.66	ng	#	72
18) Hexachloroethane	7.19	117	54462	12.41	ng	#	14
19) n-Nitroso-di-n-propylamine	7.03	70	31345	3.83	ng	#	18
20) 3+4-Methylphenols	7.10	107	247200	22.50	ng	#	56
25) Isophorone	7.53	82	141244	7.01	ng	#	1
28) bis(2-Chloroethoxy)methane	7.67	93	24466	2.25	ng	#	1
32) Benzoic acid	7.76	122	17383	3.54	ng	#	18
33) 4-Chloroaniline	7.99	127	130914	12.33	ng	#	73
35) Caprolactam	8.34	113	72076	28.76	ng	#	1
36) 4-Chloro-3-methylphenol	8.44	107	19151	2.14	ng	#	48
47) 2-Nitroaniline	9.22	65	26721	6.03	ng	#	15
49) Dimethylphthalate	9.42	163	63659	4.29	ng	#	45
50) 2,6-Dinitrotoluene	9.42	165	20103	6.43	ng	#	1
51) Acenaphthene	9.69	154	24030	2.16	ng	#	64
52) 3-Nitroaniline	9.56	138	68360	20.77	ng	#	35
53) 2,4-Dinitrophenol	9.79	184	7991	12.21	ng	#	1
55) 4-Nitrophenol	9.85	139	44711	23.77	ng	#	1
56) 2,4-Dinitrotoluene	9.91	165	16915	4.37	ng	#	49
60) 4-Chlorophenyl-phenylether	10.20	204	2388	Below Cal		#	1
62) Azobenzene	10.38	77	63220	4.05	ng	#	35
66) 4-Bromophenyl-phenylether	10.47	248	16575	3.76	ng	#	1

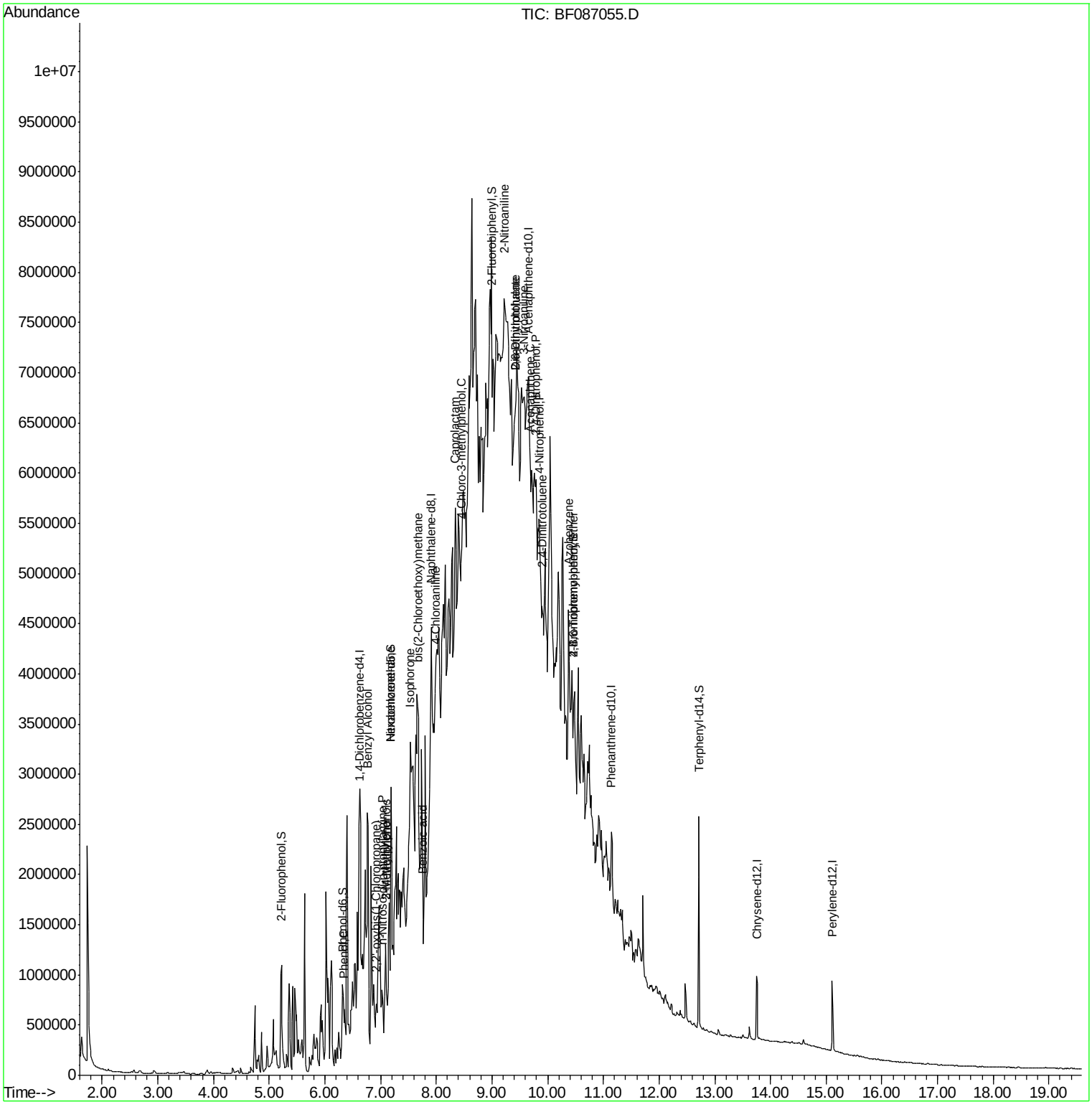
(#) = qualifier out of range (m) = manual integration (+) = signals summed

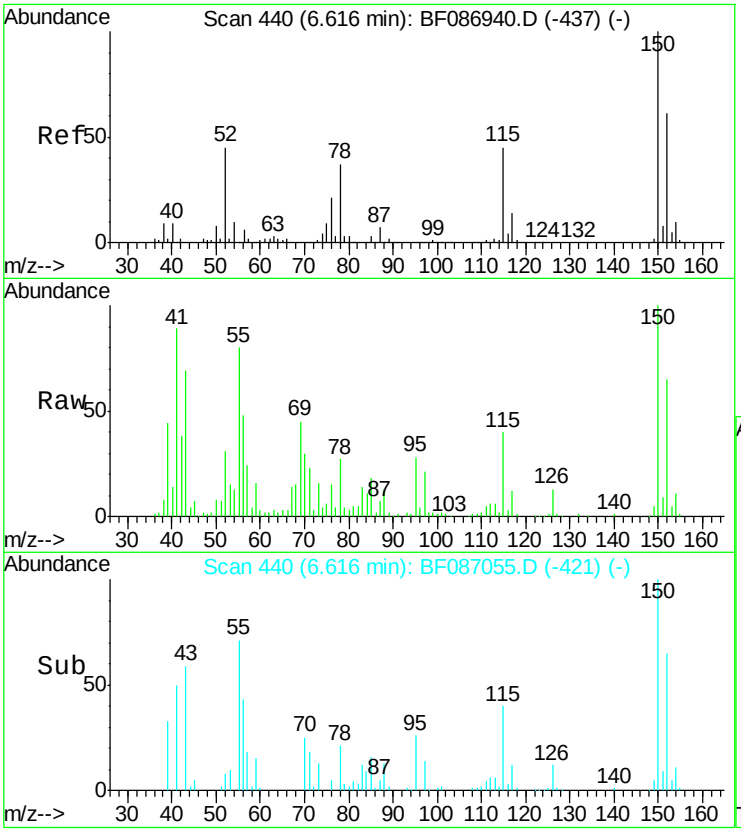
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087055.D
Acq On : 15 May 2016 8:15
Operator : UM/SJ
Sample : H3052-11
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Time: May 16 04:54:52 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



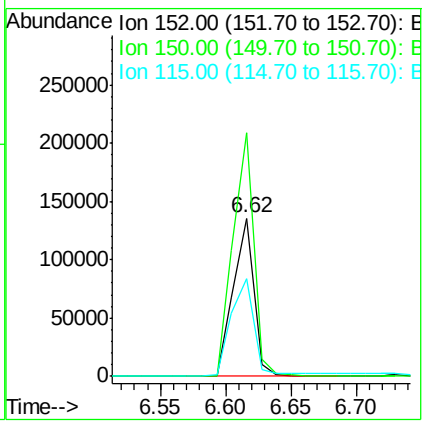


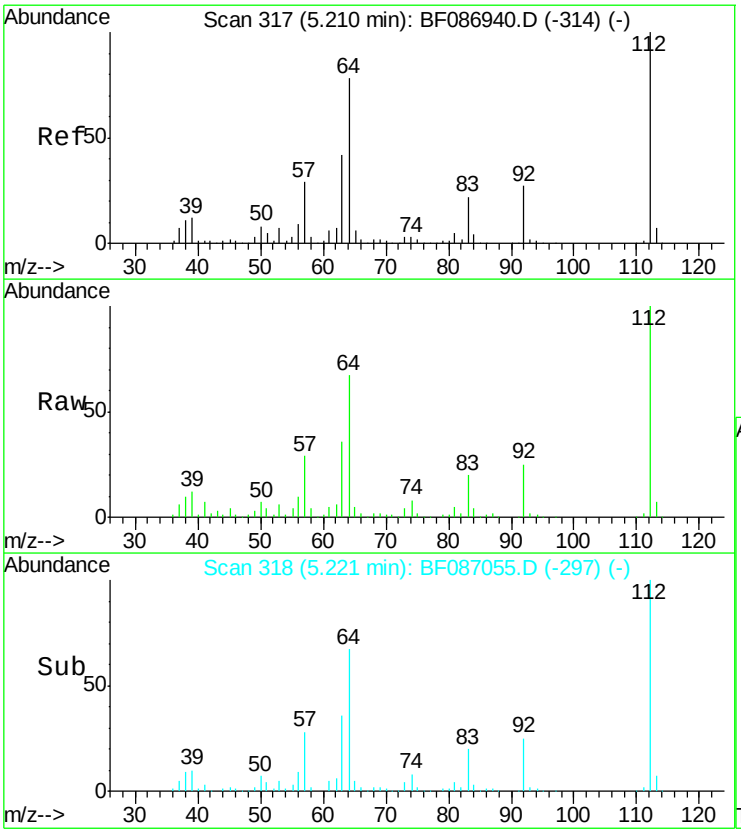
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 148333

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.6
115	61.8	51.5	77.3

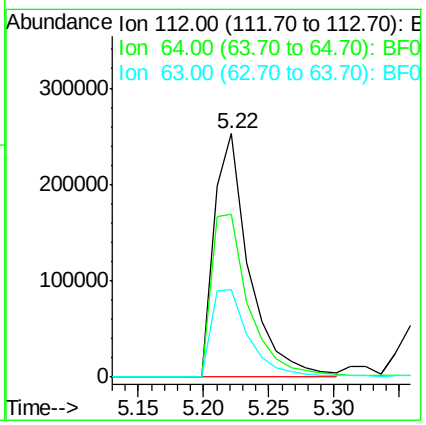


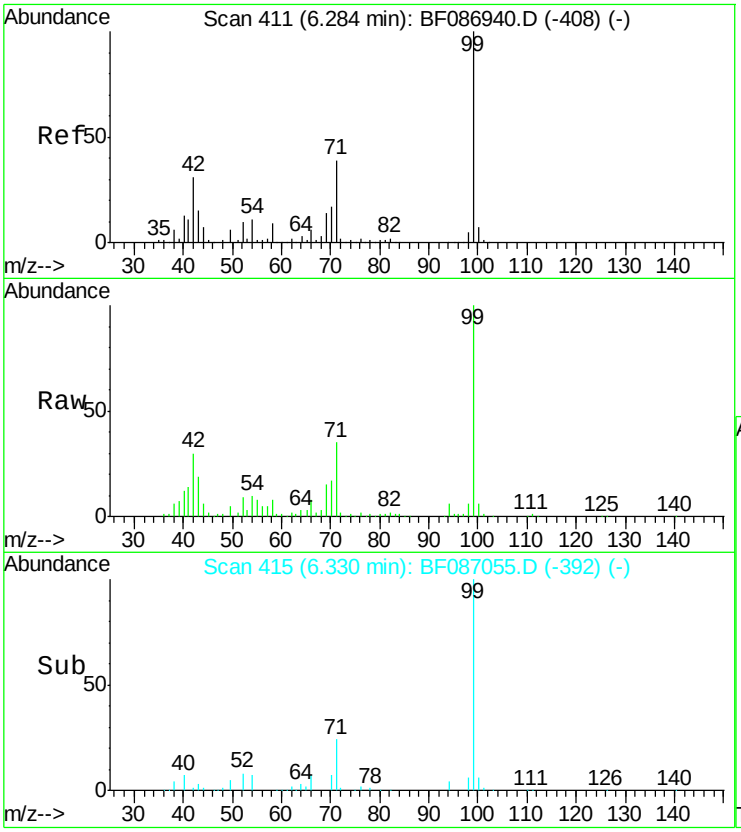


#5
2-Fluorophenol
Concen: 54.12 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:112 Resp: 473995

Ion	Ratio	Lower	Upper
112	100		
64	66.9	52.1	78.1
63	35.9	25.7	38.5



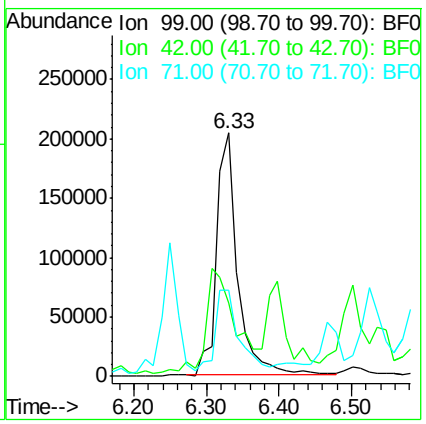


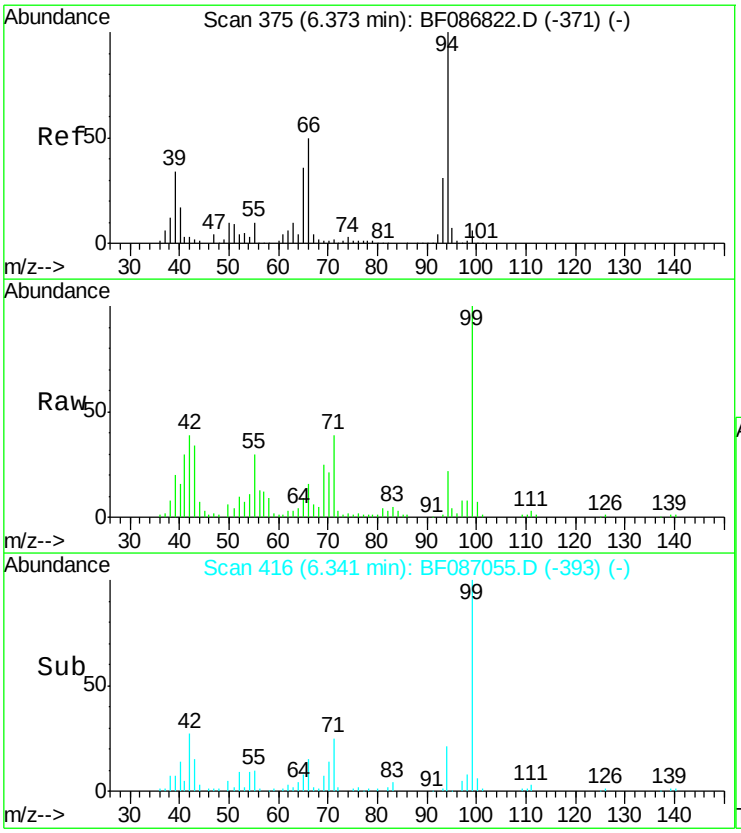
#7
Phenol-d6
Concen: 35.18 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 411871

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	35.2	24.6	36.8

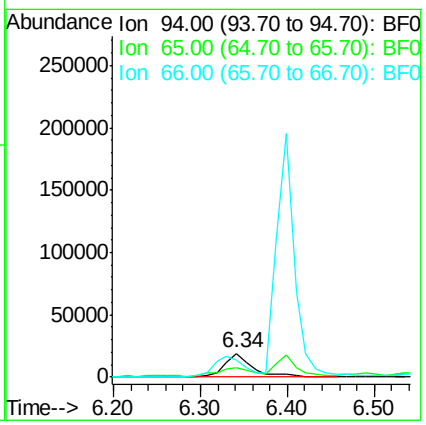


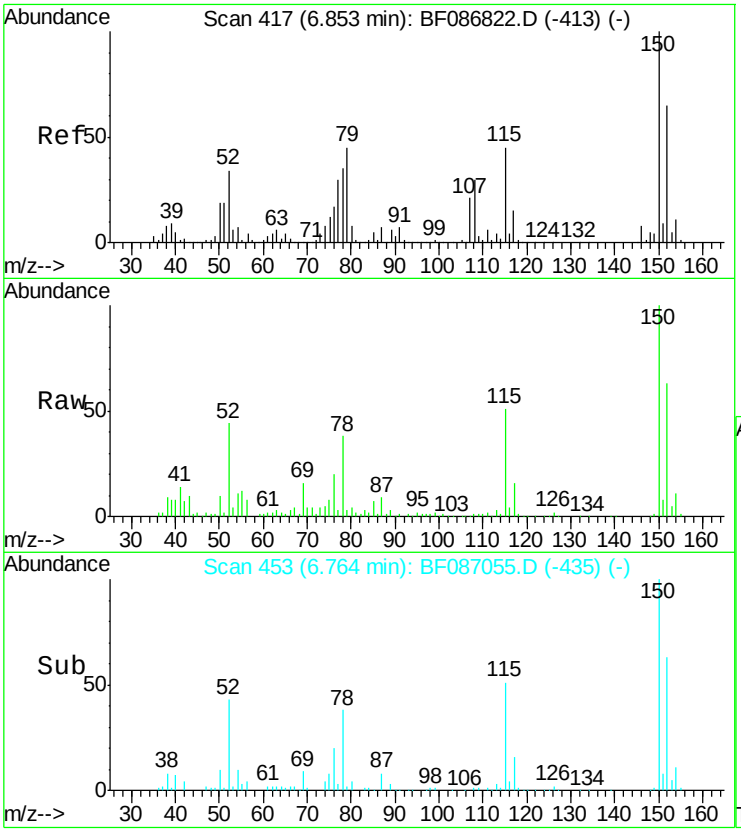


#10
Phenol
Concen: 3.08 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 94 Resp: 42854

Ion	Ratio	Lower	Upper
94	100		
65	41.2	7.2	47.2
66	71.9	14.9	54.9#



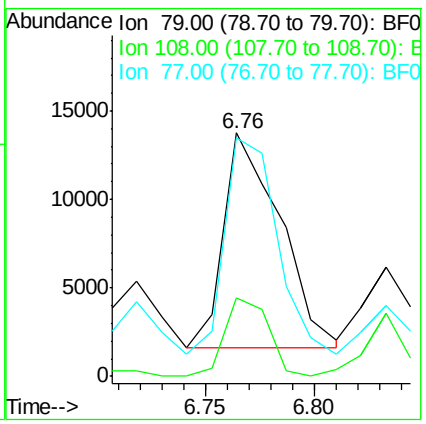


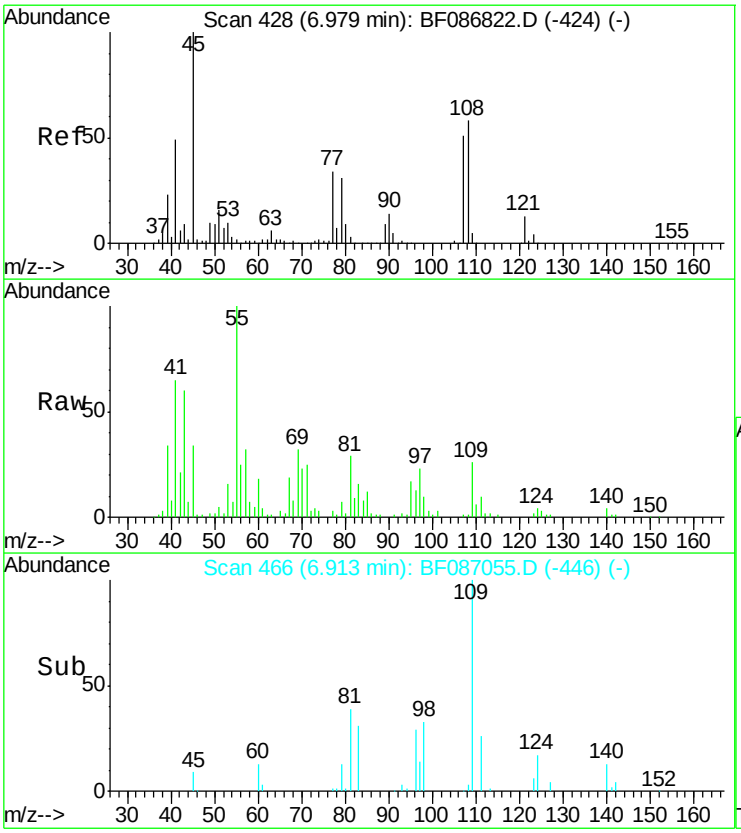
#15
Benzyl Alcohol
Concen: 2.70 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 79 Resp: 21862

Ion	Ratio	Lower	Upper
79	100		
108	32.4	68.4	102.6#
77	97.9	50.6	76.0#

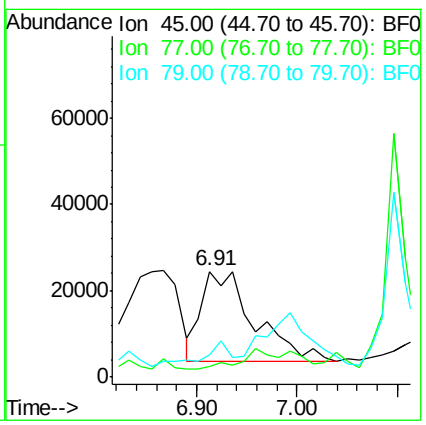


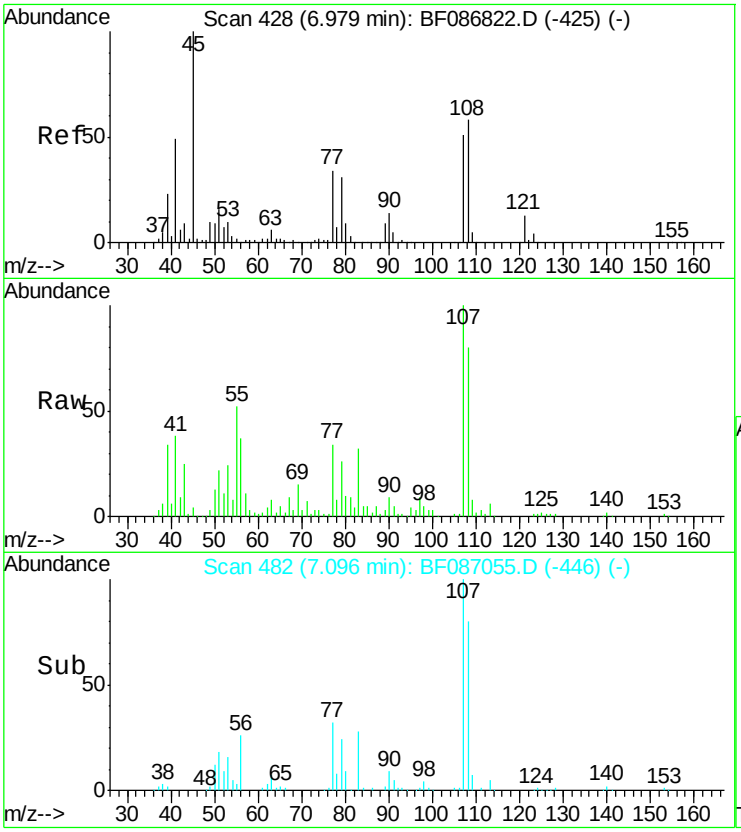


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.20 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 45 Resp: 75520

Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	36.4
79	21.5	0.0	33.4



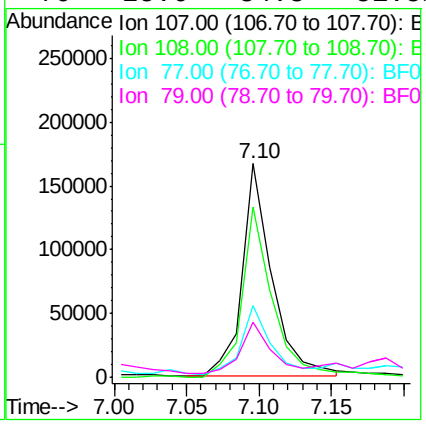


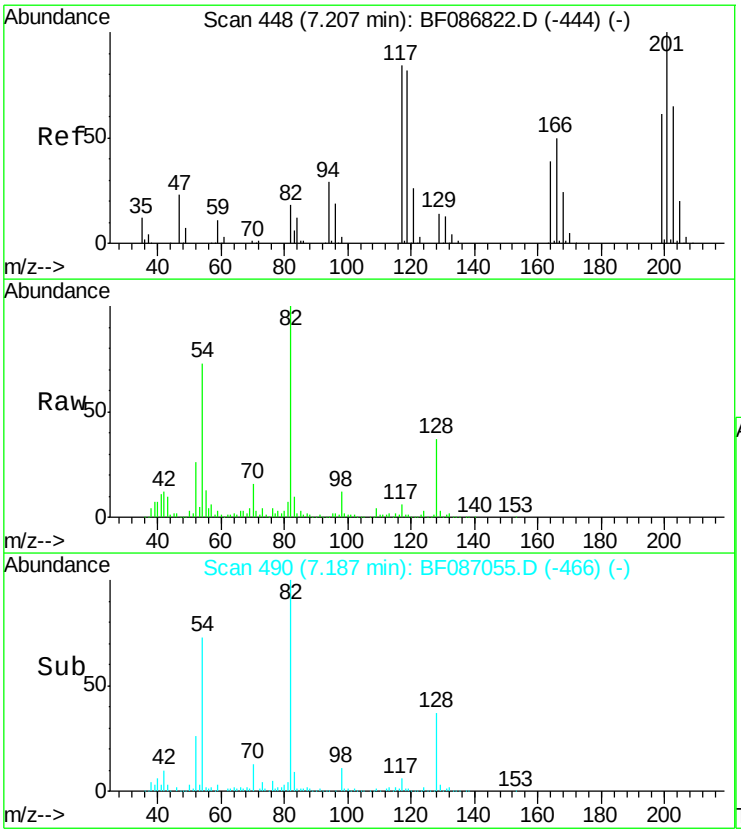
#17
2-Methylphenol
Concen: 28.66 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.12 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:107 Resp: 240995

Ion	Ratio	Lower	Upper
107	100		
108	79.7	93.7	140.5#
77	33.7	33.4	50.0
79	25.6	34.3	51.5#

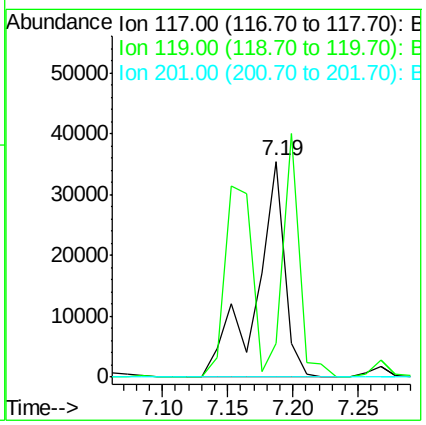


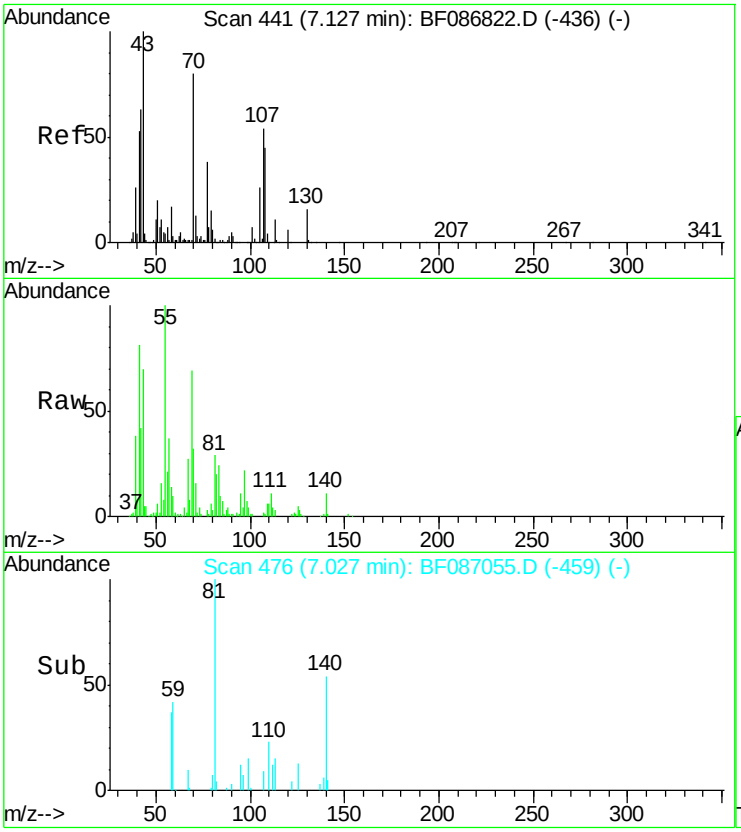


#18
Hexachloroethane
Concen: 12.41 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:117 Resp: 54462

Ion	Ratio	Lower	Upper
117	100		
119	15.6	76.5	114.7#
201	0.0	63.0	94.6#



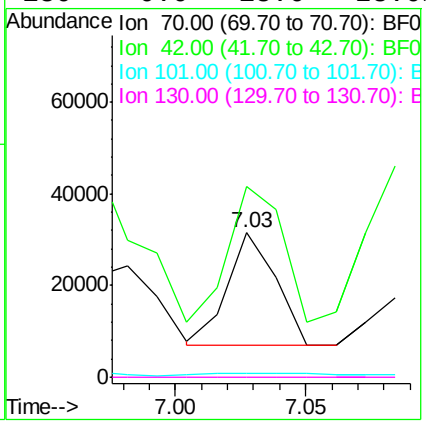


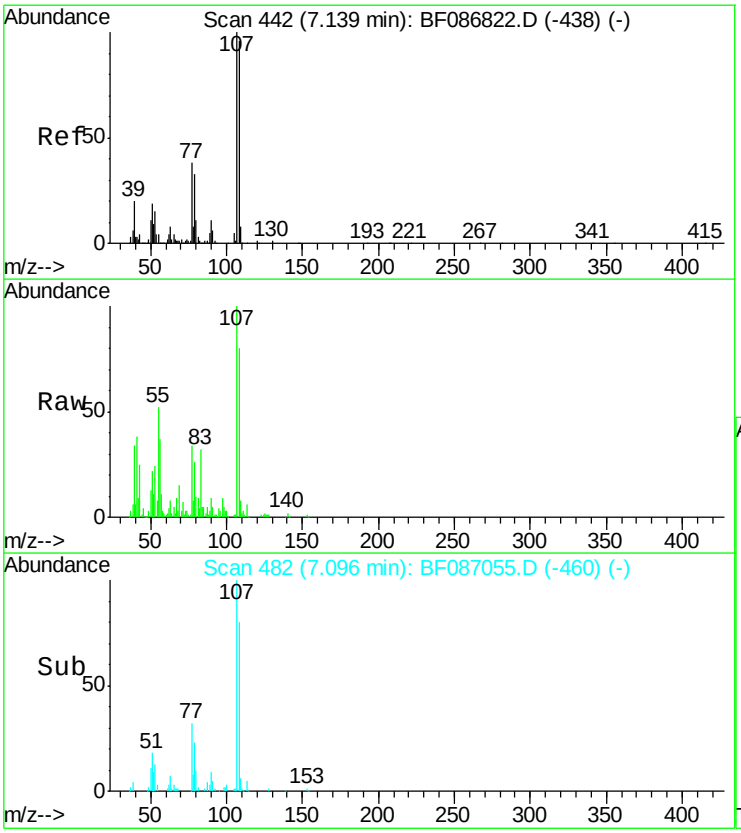
#19
n-Nitroso-di-n-propylamine
Concen: 3.83 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.10 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 70 Resp: 31345

Ion	Ratio	Lower	Upper
70	100		
42	132.0	43.1	64.7#
101	2.6	8.1	12.1#
130	0.0	18.6	28.0#

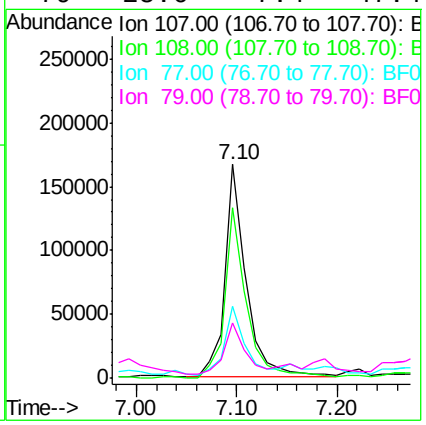


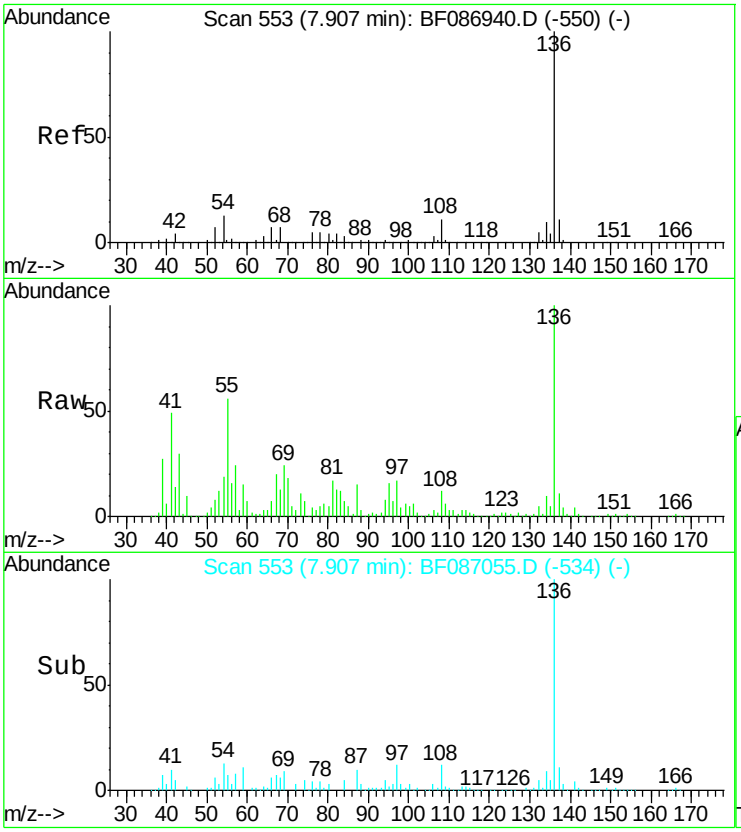


#20
3+4-Methylphenols
Concen: 22.50 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.04 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:107 Resp: 247200

Ion	Ratio	Lower	Upper
107	100		
108	79.7	68.5	108.5
77	33.7	101.6	141.6#
79	25.6	7.4	47.4



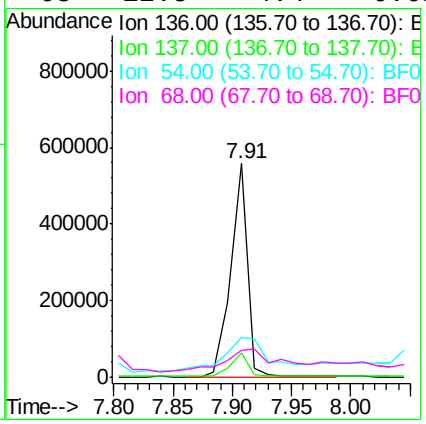


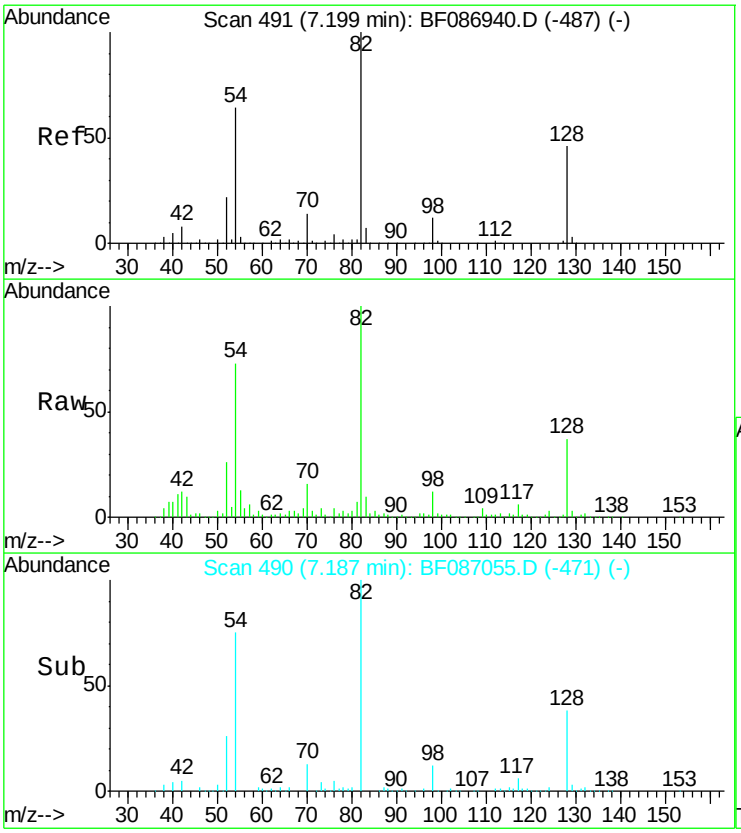
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:136 Resp: 545495

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	18.7	5.0	7.4#
68	12.5	4.4	6.6#

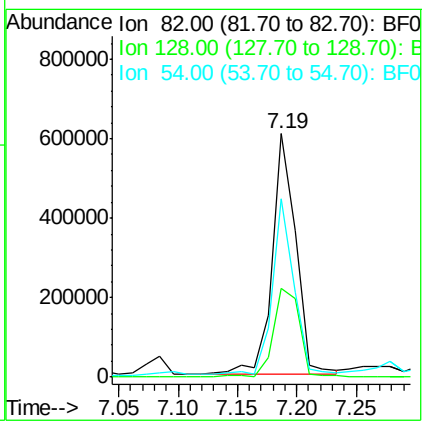


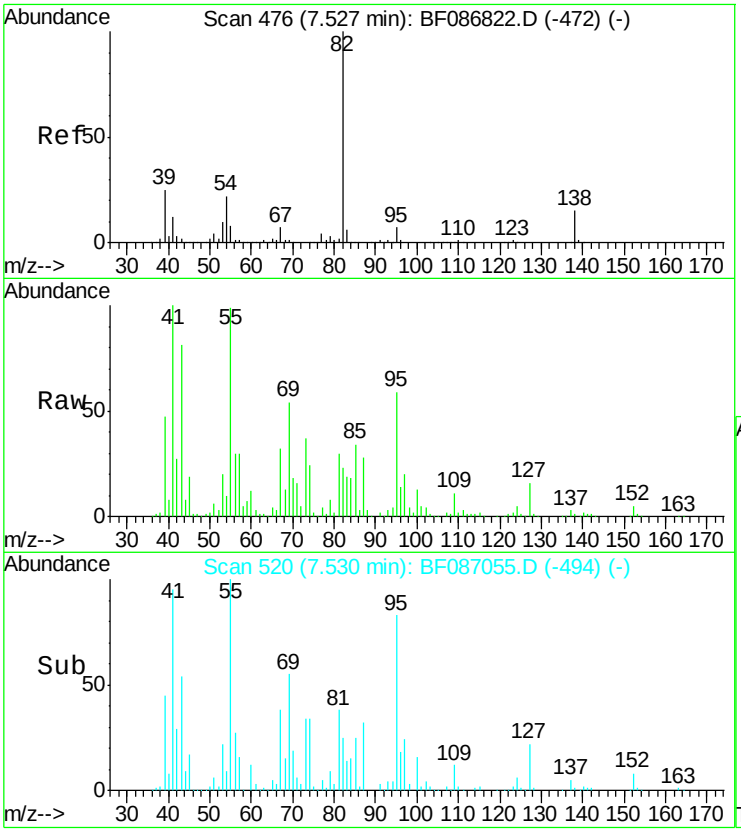


#23
Nitrobenzene-d5
Concen: 76.81 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 82 Resp: 834429

Ion	Ratio	Lower	Upper
82	100		
128	36.5	40.6	61.0#
54	73.3	38.1	57.1#



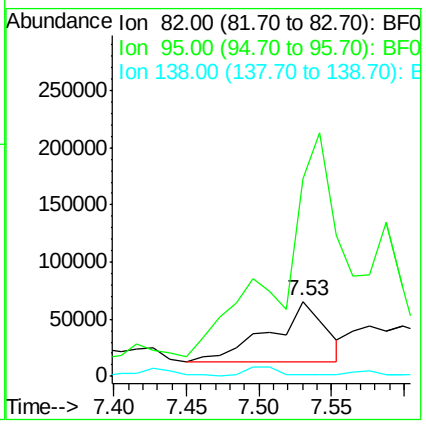


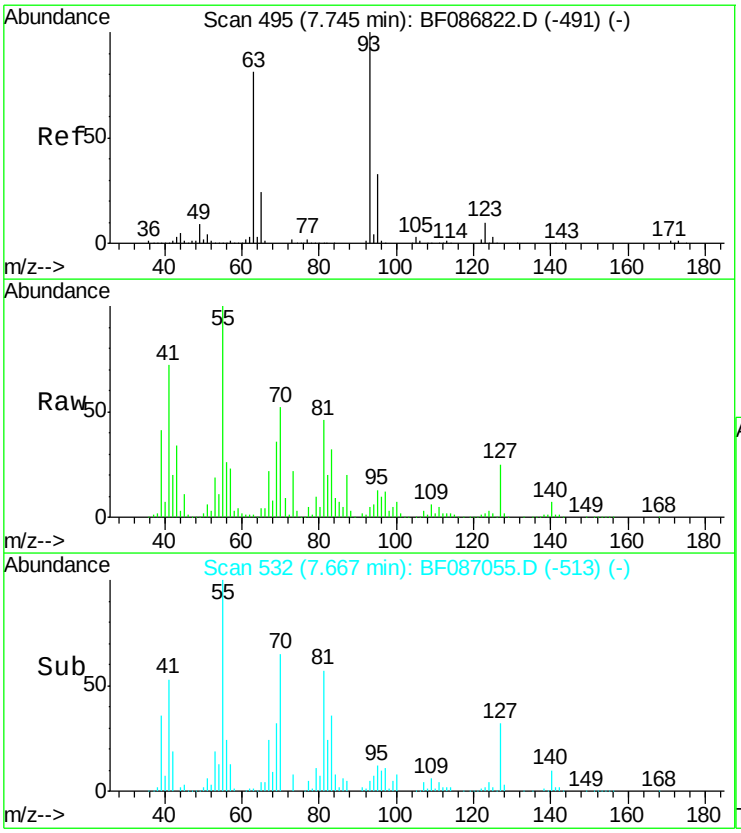
#25
Isophorone
Concen: 7.01 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 141244

Ion	Ratio	Lower	Upper
82	100		
95	263.6	5.1	7.7#
138	2.9	12.4	18.6#

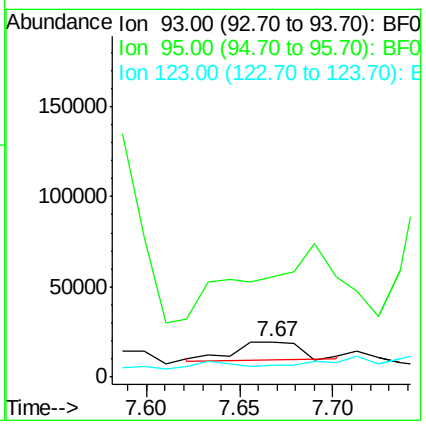


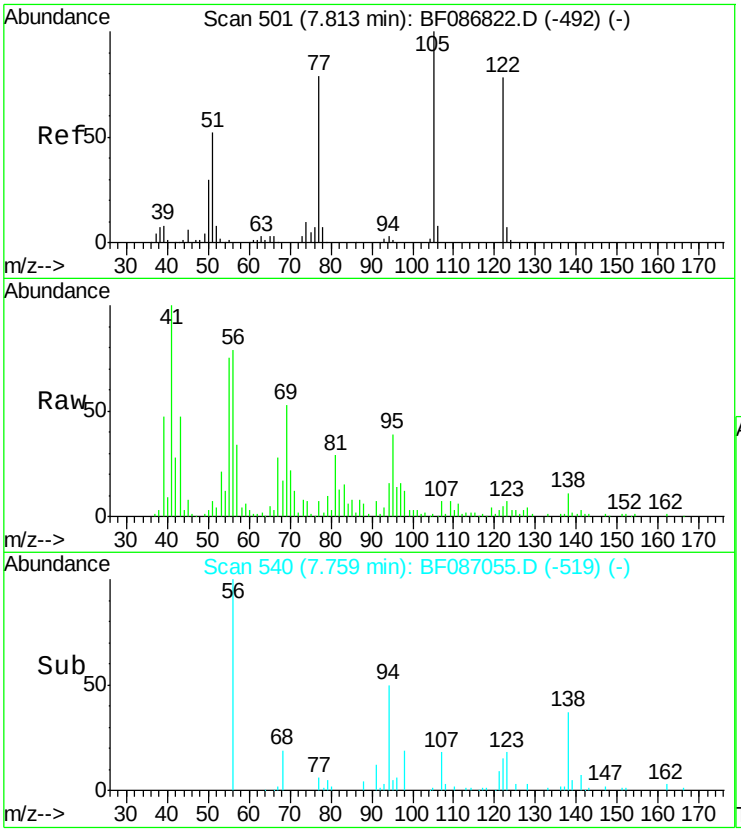


#28
bis(2-Chloroethoxy)methane
Concen: 2.25 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 93 Resp: 24466

Ion	Ratio	Lower	Upper
93	100		
95	284.6	26.0	39.0#
123	34.4	9.5	14.3#



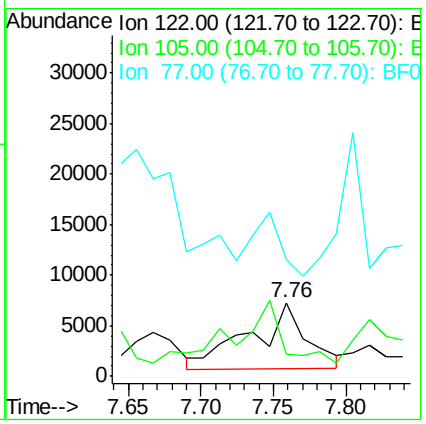


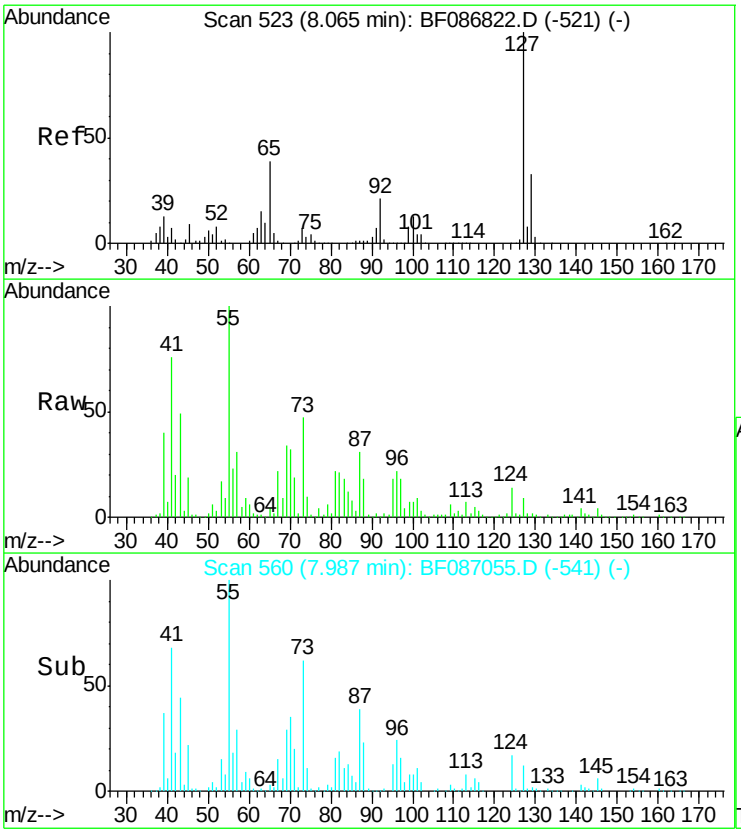
#32
Benzoic acid
Concen: 3.54 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:122 Resp: 17383

Ion	Ratio	Lower	Upper
122	100		
105	30.5	92.6	132.6#
77	159.0	60.0	100.0#

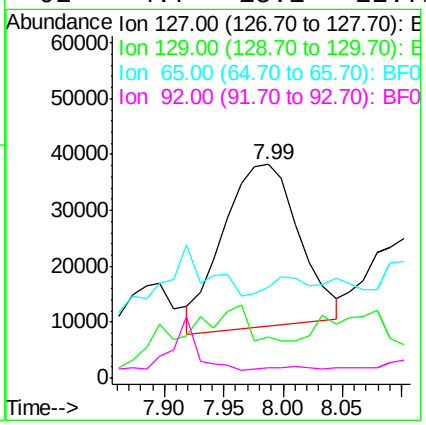


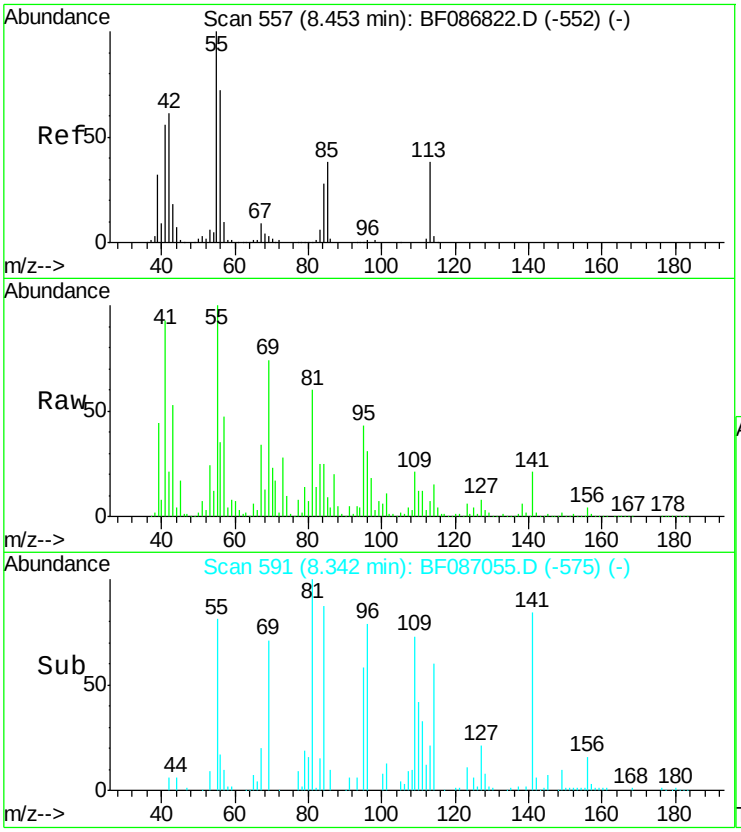


#33
4-Chloroaniline
Concen: 12.33 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:127 Resp: 130914

Ion	Ratio	Lower	Upper
127	100		
129	19.4	26.2	39.4#
65	42.7	23.0	34.4#
92	4.7	15.1	22.7#



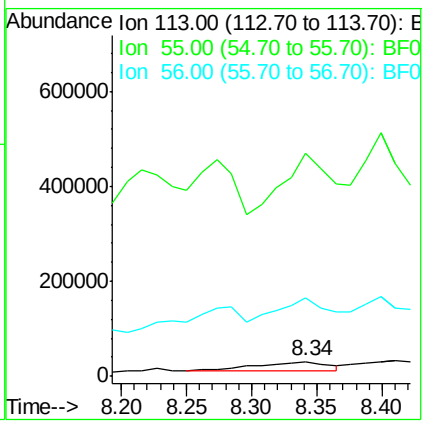


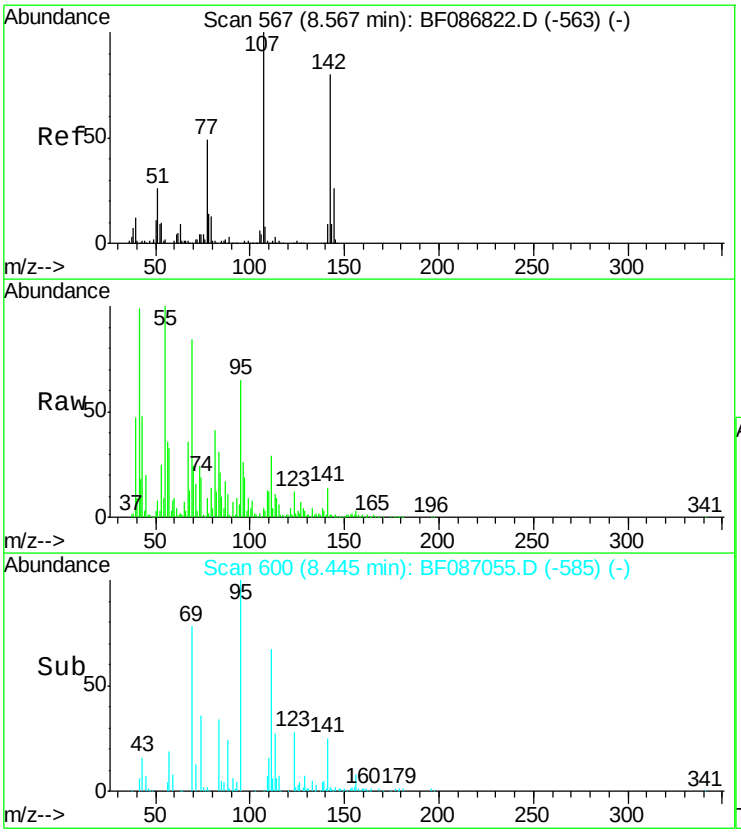
#35
Caprolactam
Concen: 28.76 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.11 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:113 Resp: 72076

Ion	Ratio	Lower	Upper
113	100		
55	1534.2	162.0	202.0#
56	538.3	115.3	155.3#

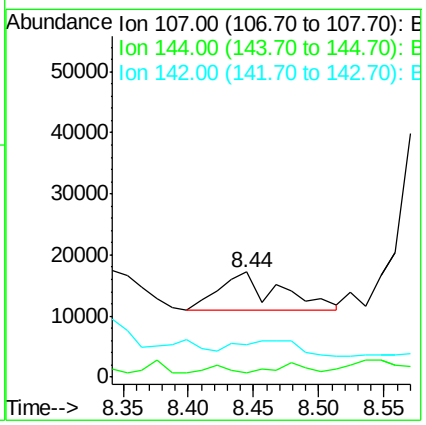


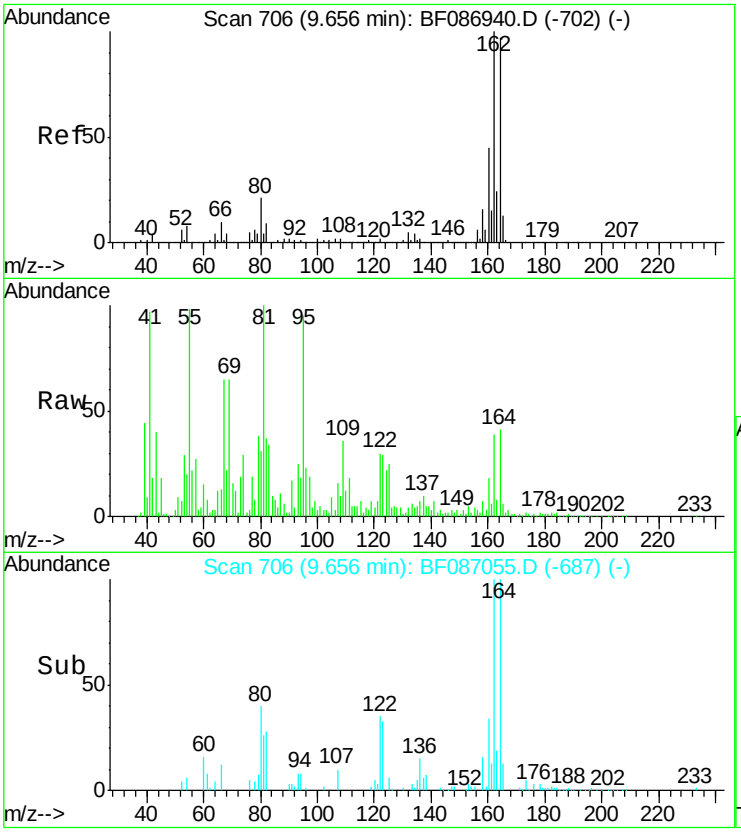


#36
4-Chloro-3-methylphenol
Concen: 2.14 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.12 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:107 Resp: 19151

Ion	Ratio	Lower	Upper
107	100		
144	4.4	20.7	31.1#
142	30.6	63.2	94.8#



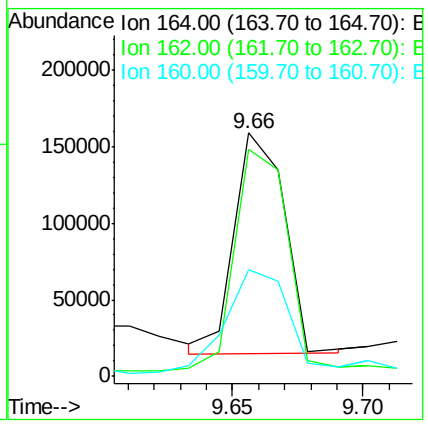


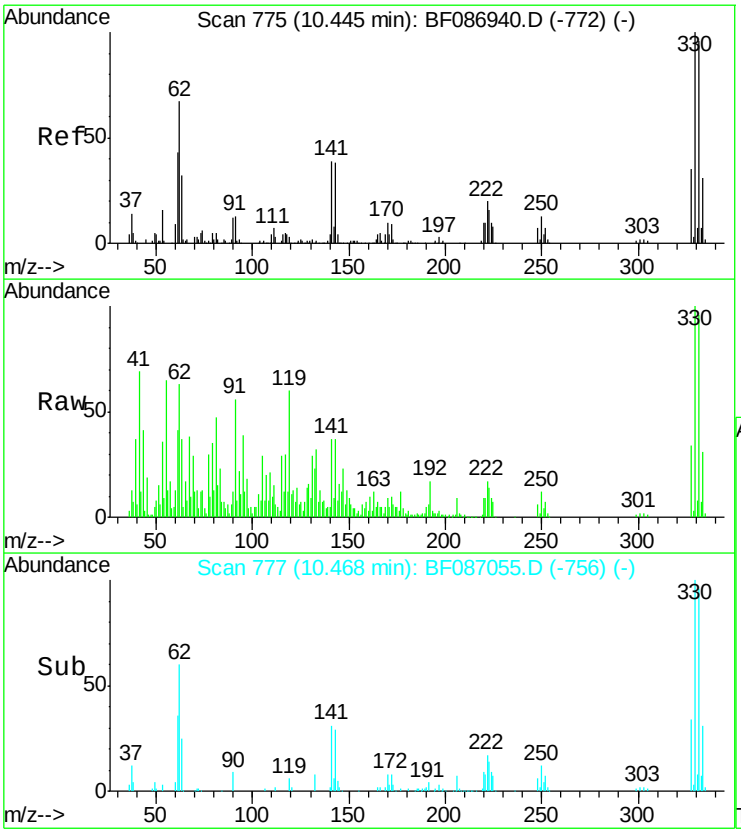
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:164 Resp: 194716

Ion	Ratio	Lower	Upper
164	100		
162	93.2	82.8	124.2
160	43.9	36.9	55.3

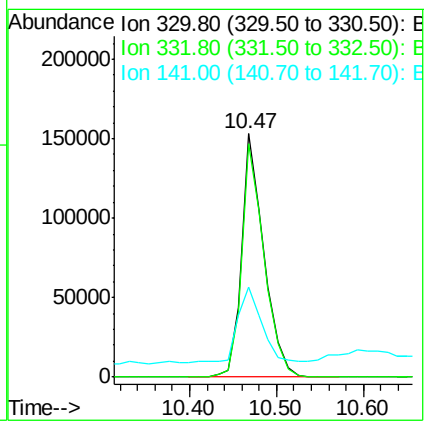


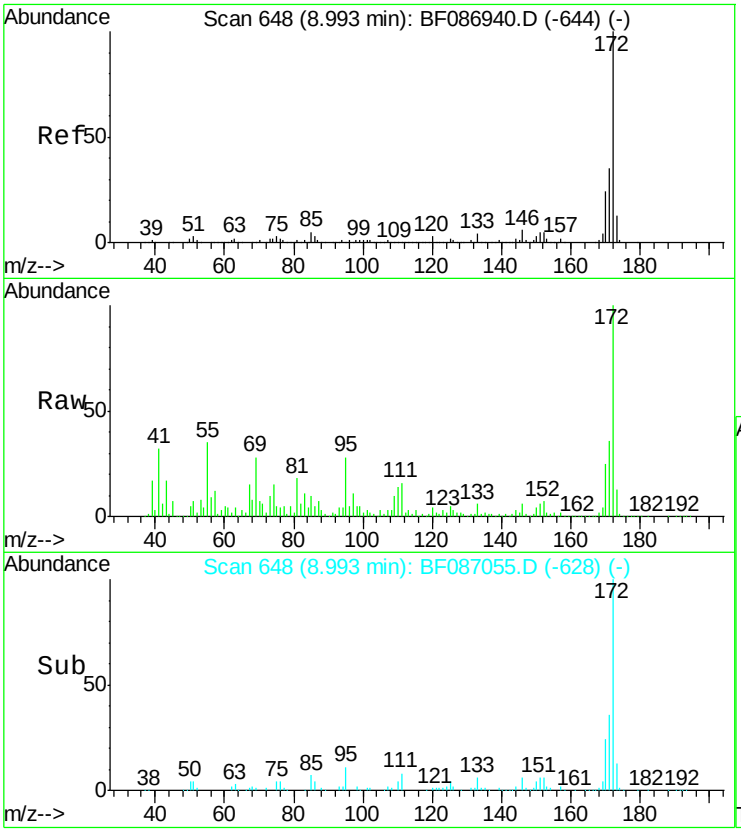


#41
2,4,6-Tribromophenol
Concen: 131.71 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:330 Resp: 271499

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	34.7	31.2	46.8



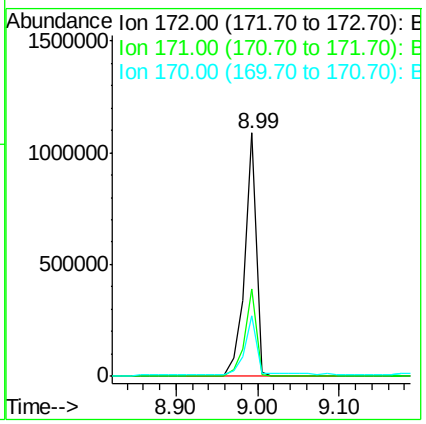


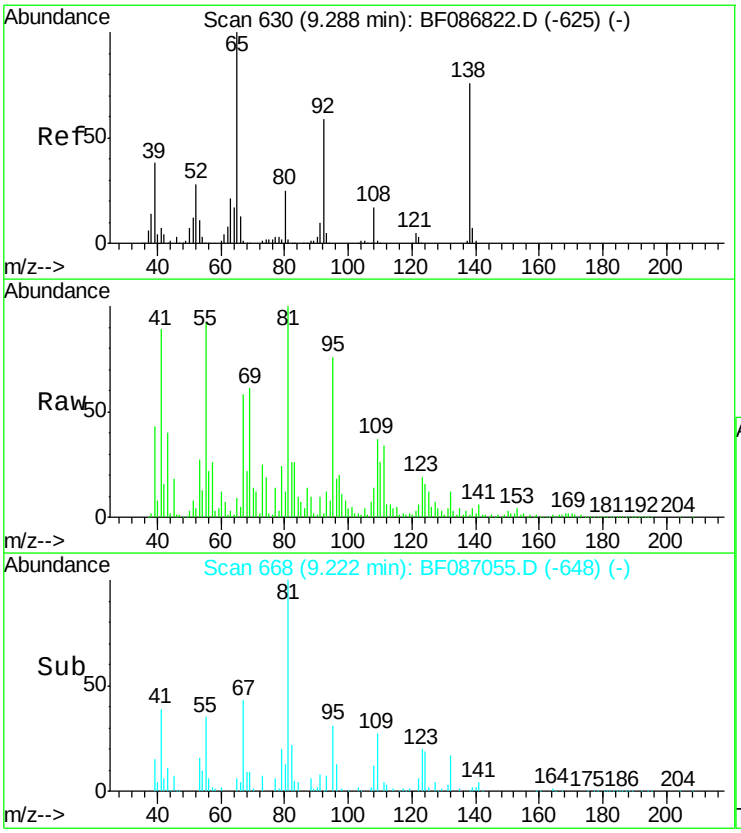
#44
2-Fluorobiphenyl
Concen: 92.11 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.07 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:172 Resp: 1067107

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.8	29.8

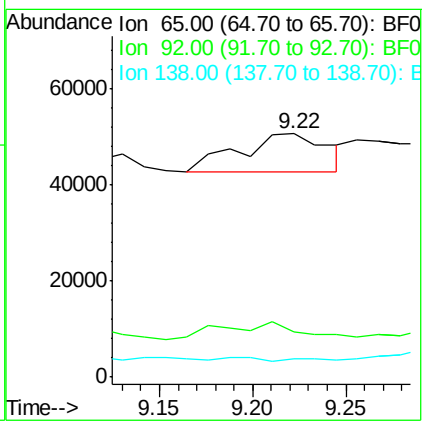


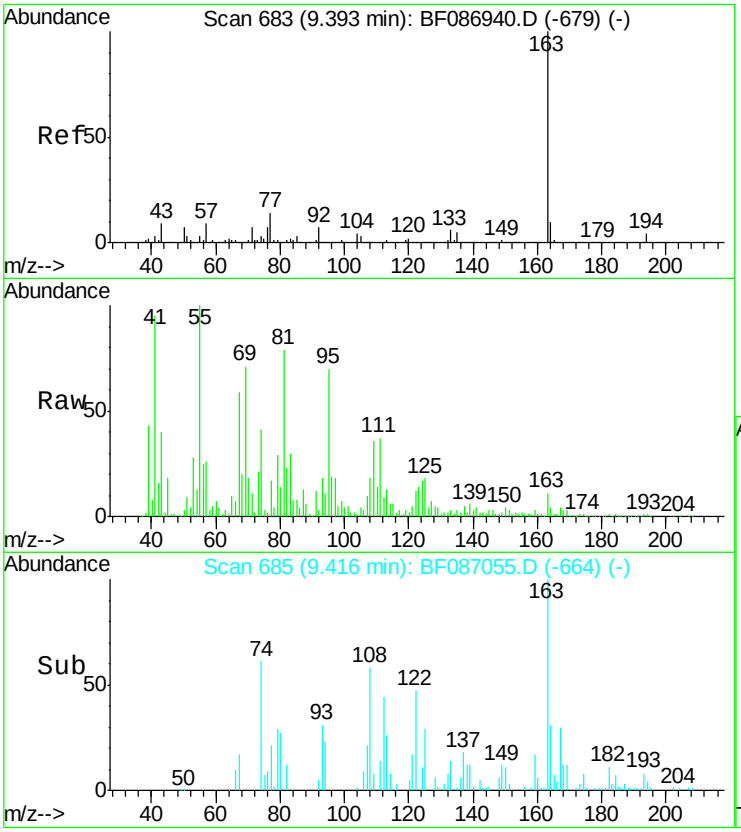


#47
2-Nitroaniline
Concen: 6.03 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.07 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 65 Resp: 26721

Ion	Ratio	Lower	Upper
65	100		
92	18.4	57.4	86.2#
138	7.6	90.1	135.1#



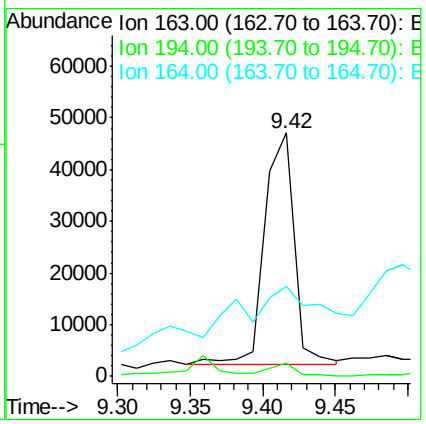


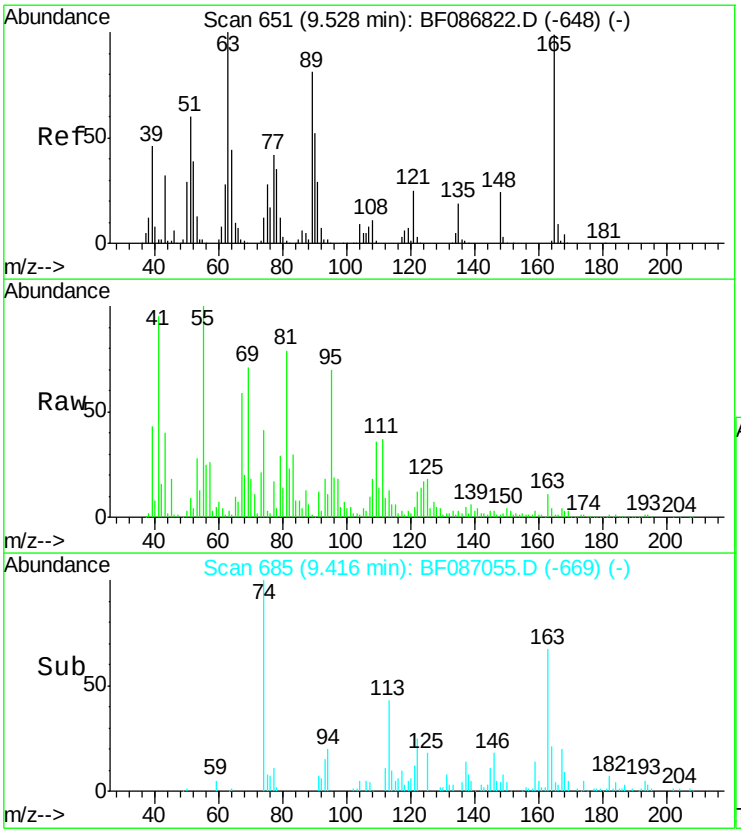
#49
Dimethylphthalate
Concen: 4.29 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:163 Resp: 63659

Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.6	4.0#
164	36.9	8.2	12.4#

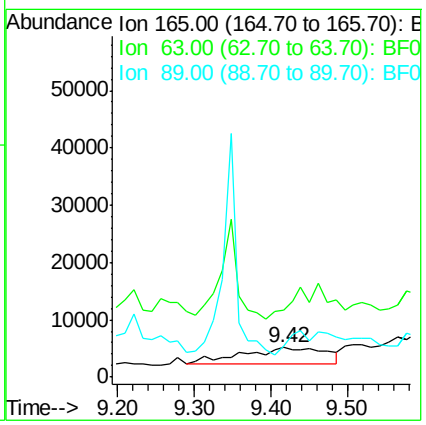


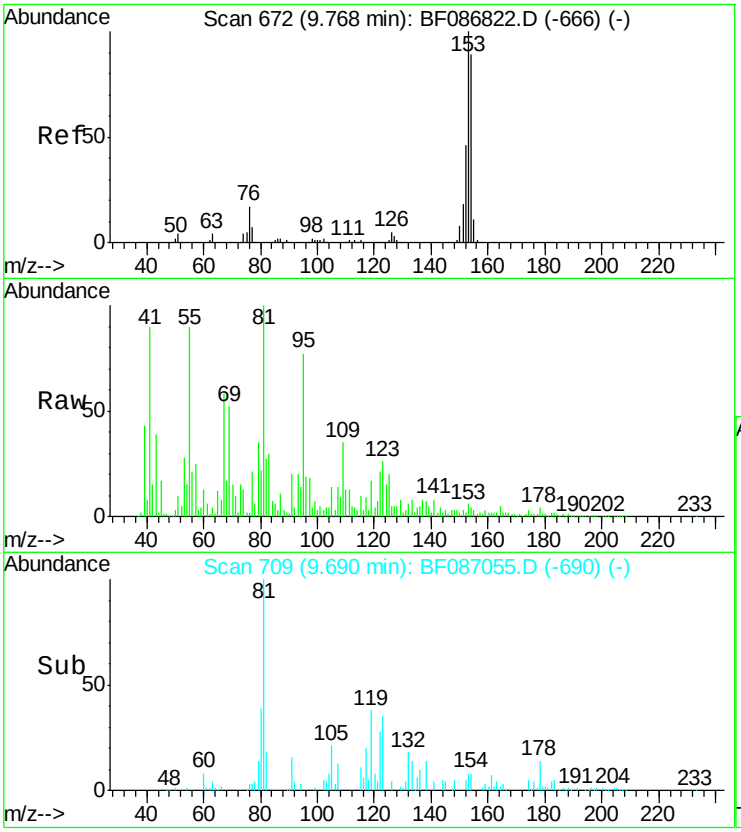


#50
2,6-Dinitrotoluene
Concen: 6.43 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.11 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:165 Resp: 20103

Ion	Ratio	Lower	Upper
165	100		
63	230.1	51.8	77.8#
89	107.4	50.7	76.1#



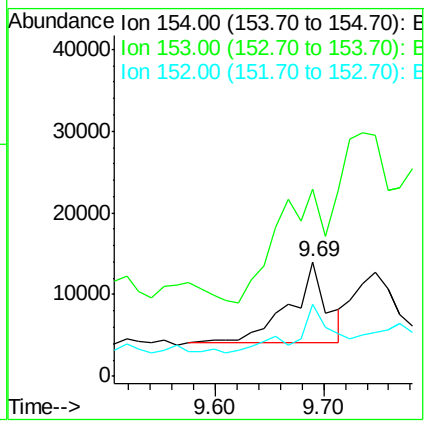


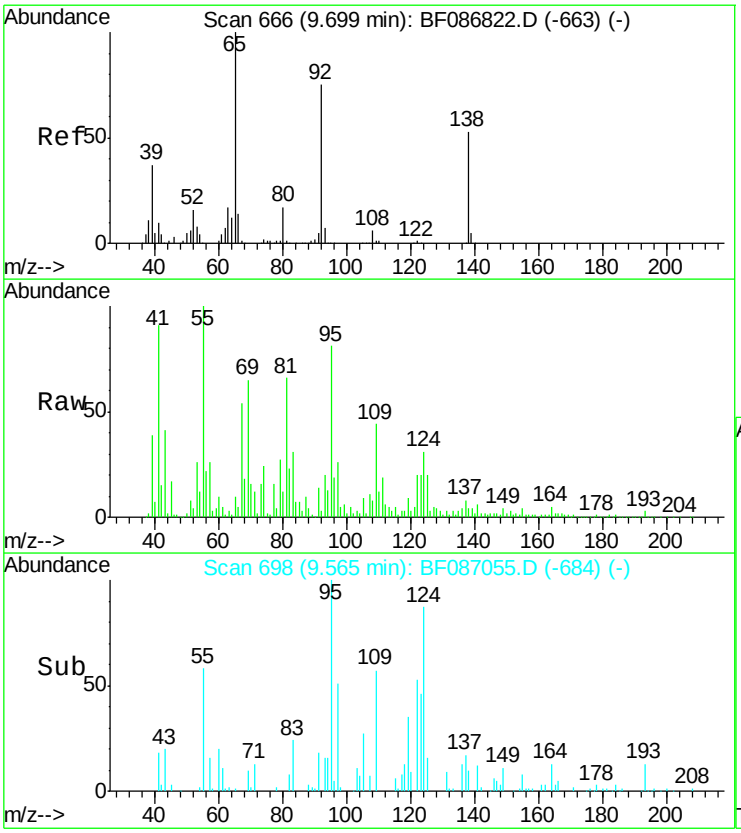
#51
Acenaphthene
Concen: 2.16 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:154 Resp: 24030

Ion	Ratio	Lower	Upper
154	100		
153	163.7	89.8	134.6#
152	62.9	43.4	65.0

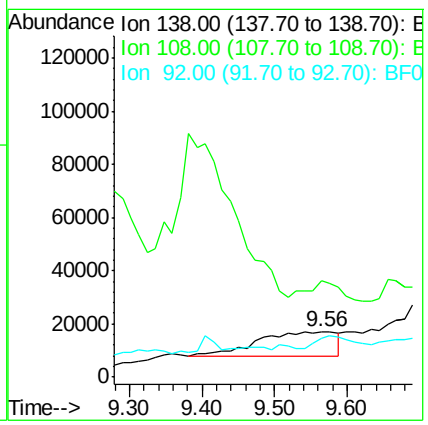


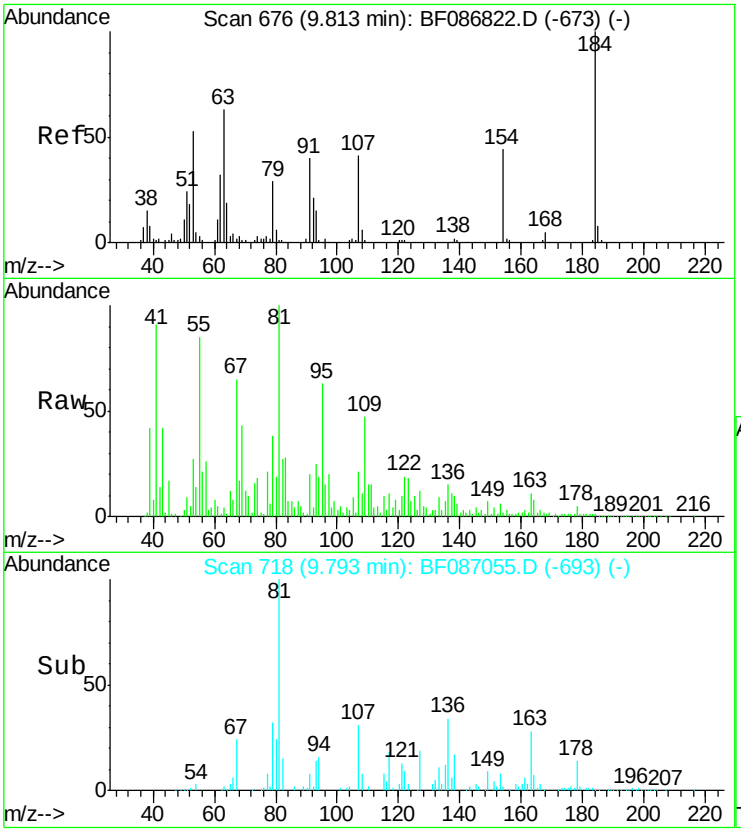


#52
3-Nitroaniline
Concen: 20.77 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.13 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:138 Resp: 68360

Ion	Ratio	Lower	Upper
138	100		
108	210.3	7.8	11.6#
92	85.8	87.8	131.8#



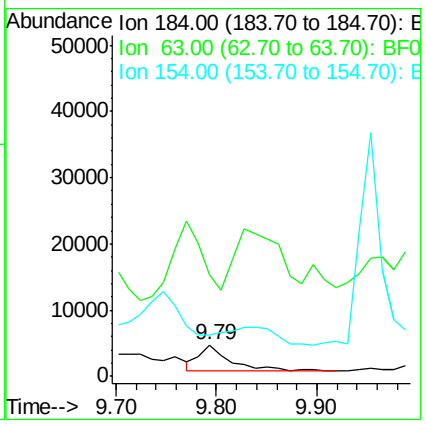


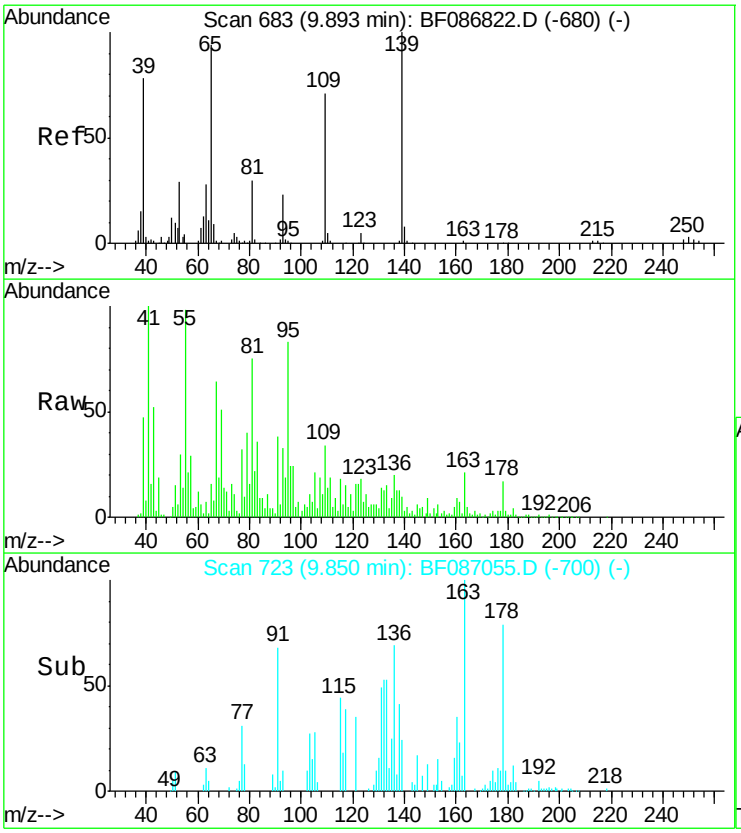
#53
2,4-Dinitrophenol
Concen: 12.21 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:184 Resp: 7991

Ion	Ratio	Lower	Upper
184	100		
63	324.2	55.8	83.8#
154	130.7	62.4	93.6#

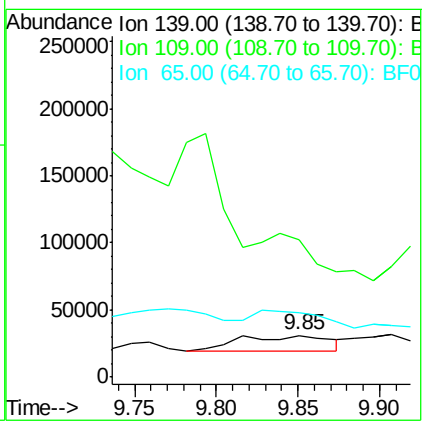


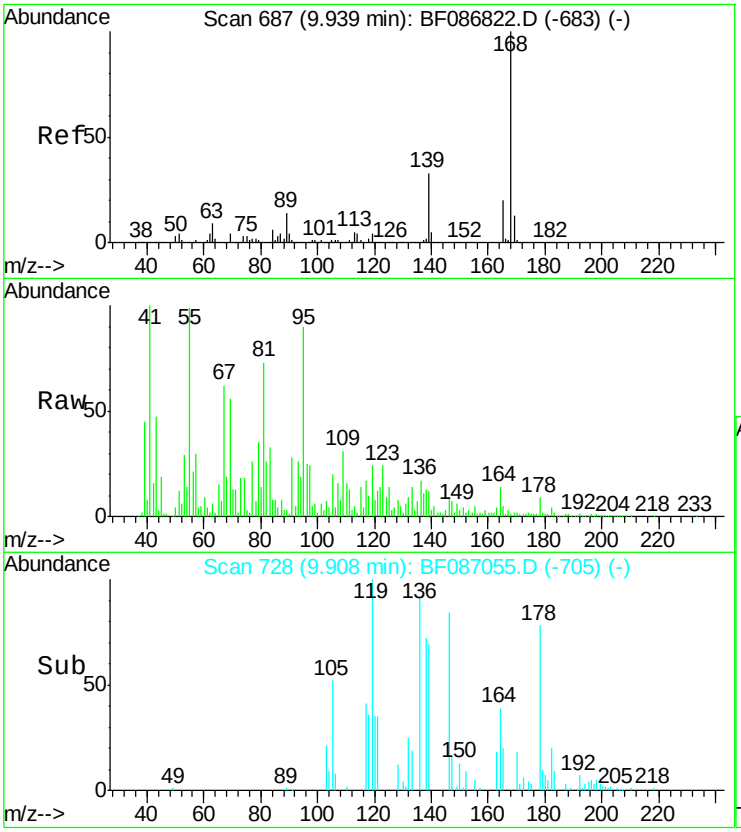


#55
4-Nitrophenol
Concen: 23.77 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:139 Resp: 44711

Ion	Ratio	Lower	Upper
139	100		
109	332.4	36.9	76.9#
65	156.0	64.0	104.0#



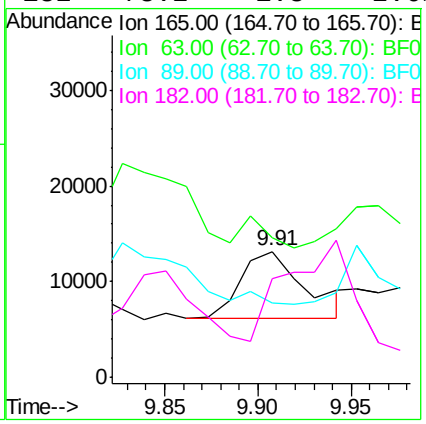


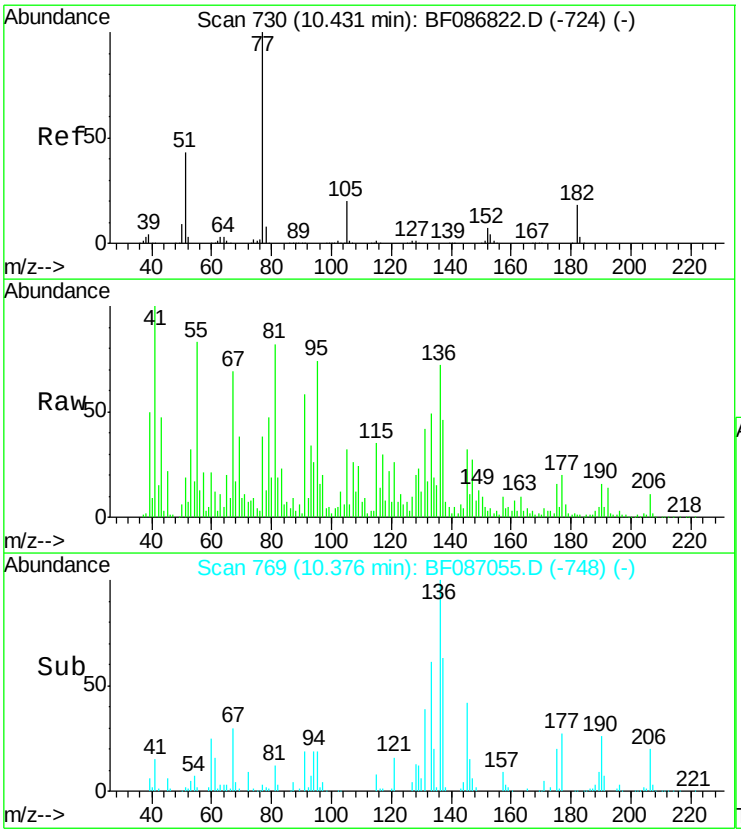
#56
2,4-Dinitrotoluene
Concen: 4.37 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:165 Resp: 16915

Ion	Ratio	Lower	Upper
165	100		
63	111.6	44.3	66.5#
89	59.3	70.0	105.0#
182	78.2	1.8	2.6#

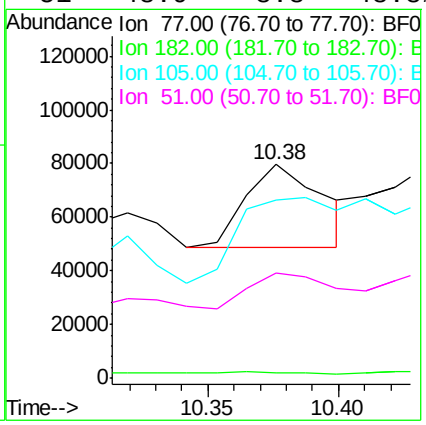


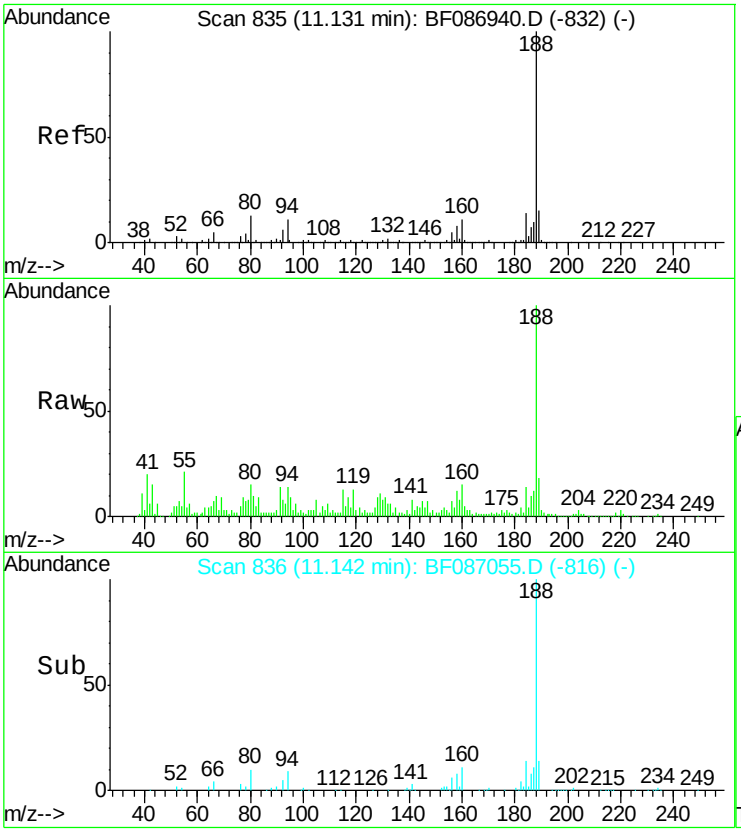


#62
Azobenzene
Concen: 4.05 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 77 Resp: 63220

Ion	Ratio	Lower	Upper
77	100		
182	2.4	0.0	38.8
105	83.1	3.2	43.2#
51	48.9	8.8	48.8#



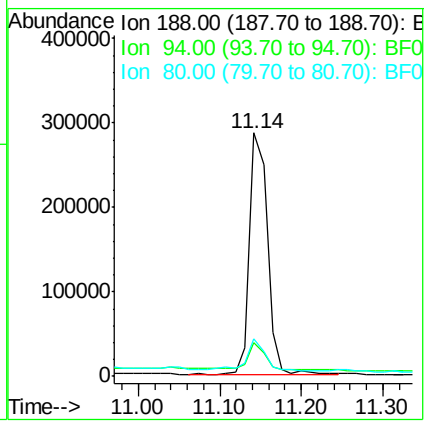


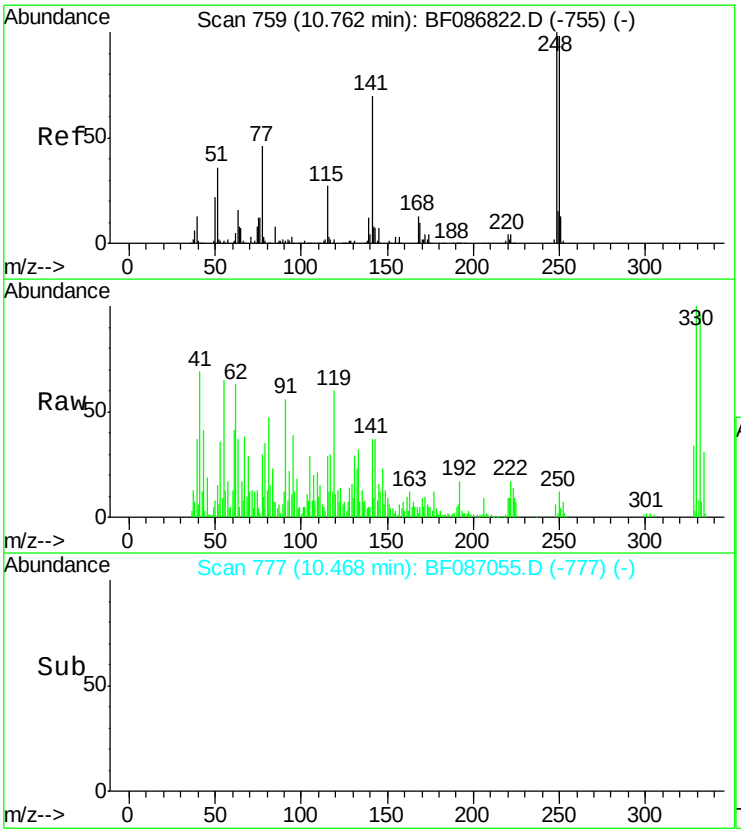
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 434848

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.8	10.2#
80	15.2	7.1	10.7#

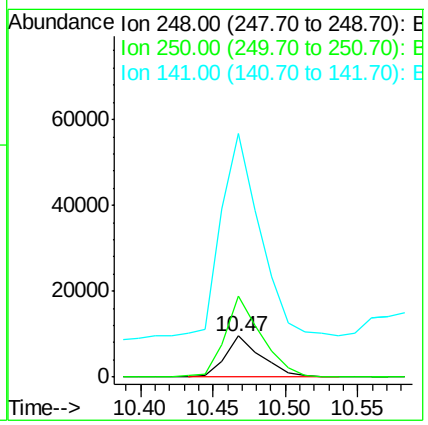


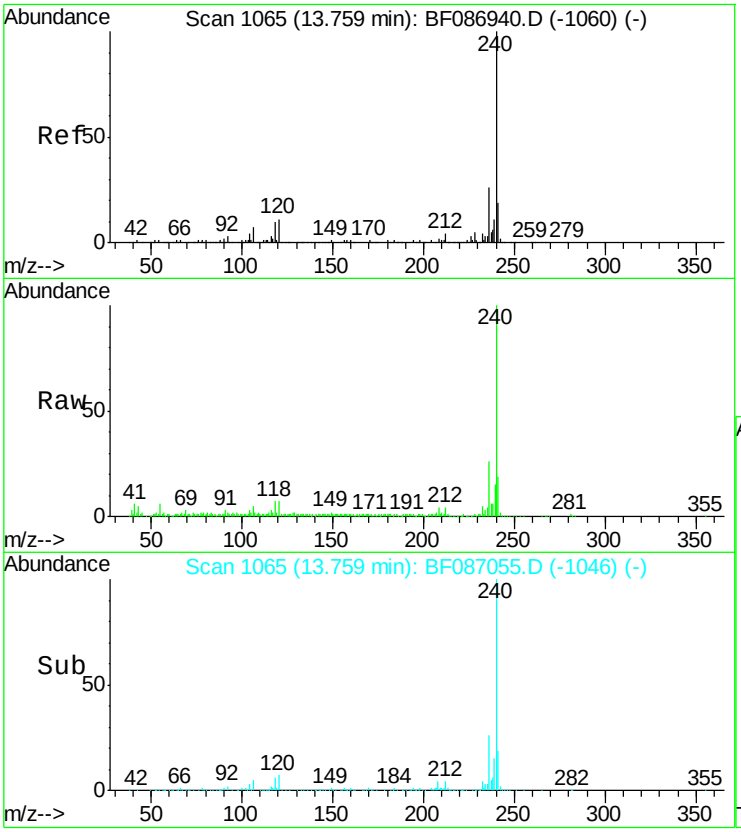


#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.29 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:248 Resp: 16575

Ion	Ratio	Lower	Upper
248	100		
250	195.9	78.6	117.8#
141	592.3	76.0	114.0#



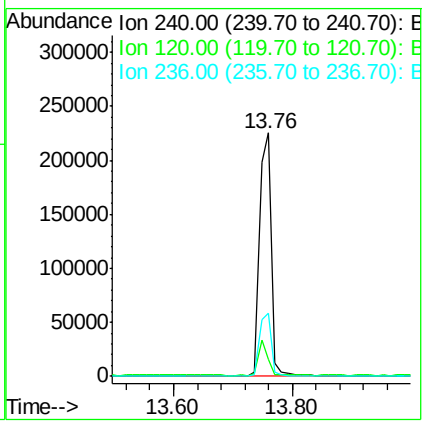


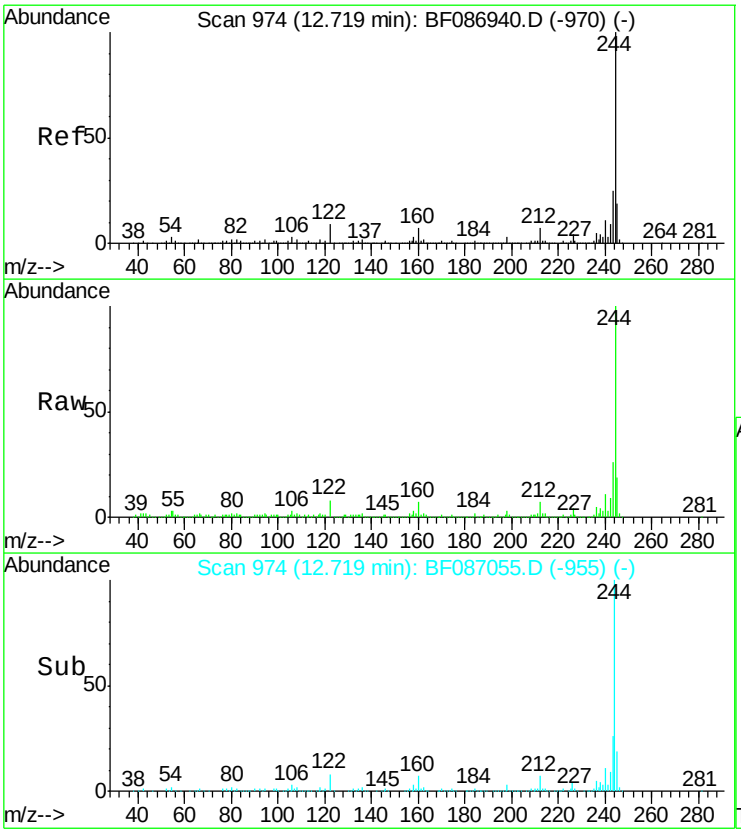
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:240 Resp: 313049

Ion	Ratio	Lower	Upper
240	100		
120	7.2	11.2	16.8#
236	26.0	21.2	31.8

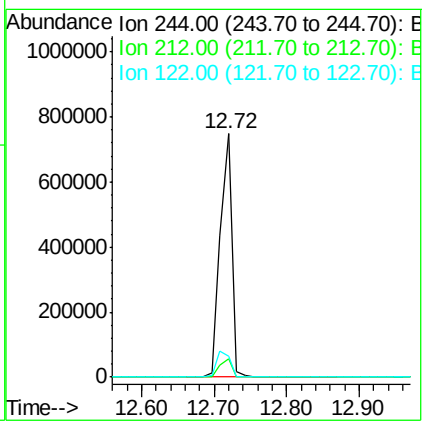


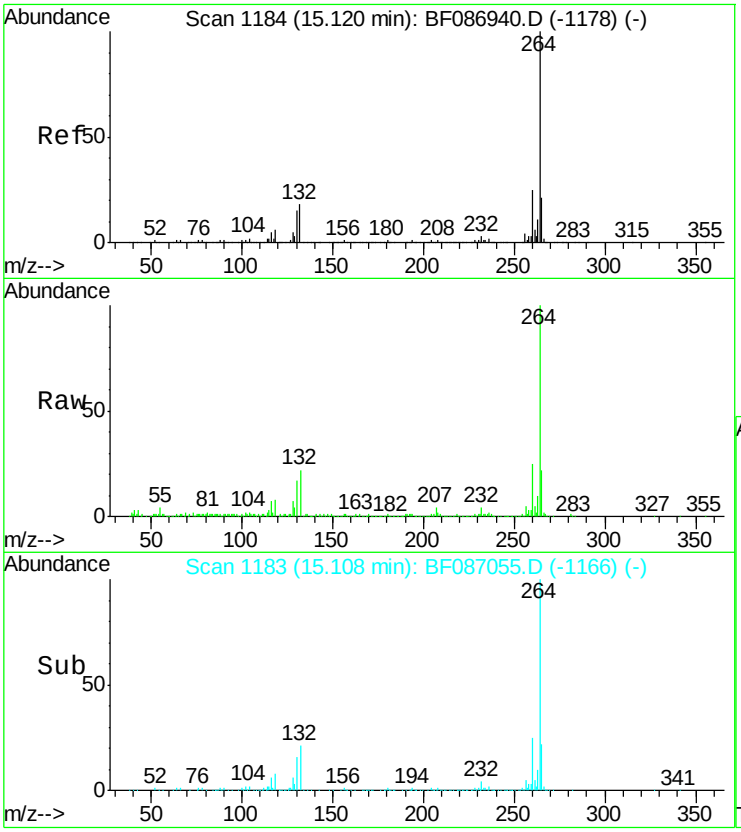


#78
Terphenyl-d14
Concen: 56.68 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:244 Resp: 836313

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.4	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: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:264 Resp: 330143

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9