Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087044.D
Acq On : 15 May 2016 2:58
Operator : UM/SJ
Sample : H2966-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Time: May 16 04:52:15 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	135810	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	506258	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	237743	20.00	ng	-0.08
63) Phenanthrene-d10	11.14	188	396552	20.00	ng	-0.07
75) Chrysene-d12	13.76	240	289416	20.00	ng	-0.08
86) Perylene-d12	15.11	264	300497	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	376962	47.01	ng	-0.08
7) Phenol-d6	6.32	99	355295	33.15	ng	-0.04
23) Nitrobenzene-d5	7.19	82	673422	66.79	ng	-0.08
41) 2,4,6-Tribromophenol	10.47	330	263324	104.62	ng	-0.05
44) 2-Fluorobiphenyl	8.99	172	986568	69.74	ng	-0.07
78) Terphenyl-d14	12.72	244	832312	61.02	ng	-0.08
Target Compounds						Qvalue
10) Phenol	6.33	94	28642	2.25	ng	# 1
15) Benzyl Alcohol	6.78	79	24217	3.27	ng	# 41
18) Hexachloroethane	7.19	117	341546	85.00	ng	# 11
19) n-Nitroso-di-n-propylamine	7.06	70	129552	17.30	ng	# 74
20) 3+4-Methylphenols	7.10	107	256877	25.54	ng	# 57
25) Isophorone	7.42	82	50540	2.70	ng	# 1
28) bis(2-Chloroethoxy)methane	7.64	93	36385	3.61	ng	# 1
31) Naphthalene	7.93	128	82027	3.23	ng	# 1
32) Benzoic acid	7.76	122	34322	7.52	ng	# 42
33) 4-Chloroaniline	7.95	127	91221	9.26	ng	# 34
35) Caprolactam	8.34	113	23848	10.25	ng	# 1
36) 4-Chloro-3-methylphenol	8.54	107	23580	2.84	ng	# 35
37) 2-Methylnaphthalene	8.63	142	340981	23.00	ng	# 93
47) 2-Nitroaniline	9.21	65	138615	25.60	ng	# 19
49) Dimethylphthalate	9.40	163	181520	10.01	ng	# 82
50) 2,6-Dinitrotoluene	9.45	165	11698	3.06	ng	# 1
52) 3-Nitroaniline	9.70	138	28471	7.08	ng	# 44
53) 2,4-Dinitrophenol	9.74	184	1733	8.49	ng	# 1
55) 4-Nitrophenol	9.82	139	21747	12.21	ng	# 1
56) 2,4-Dinitrotoluene	9.88	165	15111	3.20	ng	# 1
59) Diethylphthalate	10.22	149	278704	15.77	ng	# 23
60) 4-Chlorophenyl-phenylether	10.20	204	756	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.30	198	5189	2.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	16498	4.10	ng	# 1

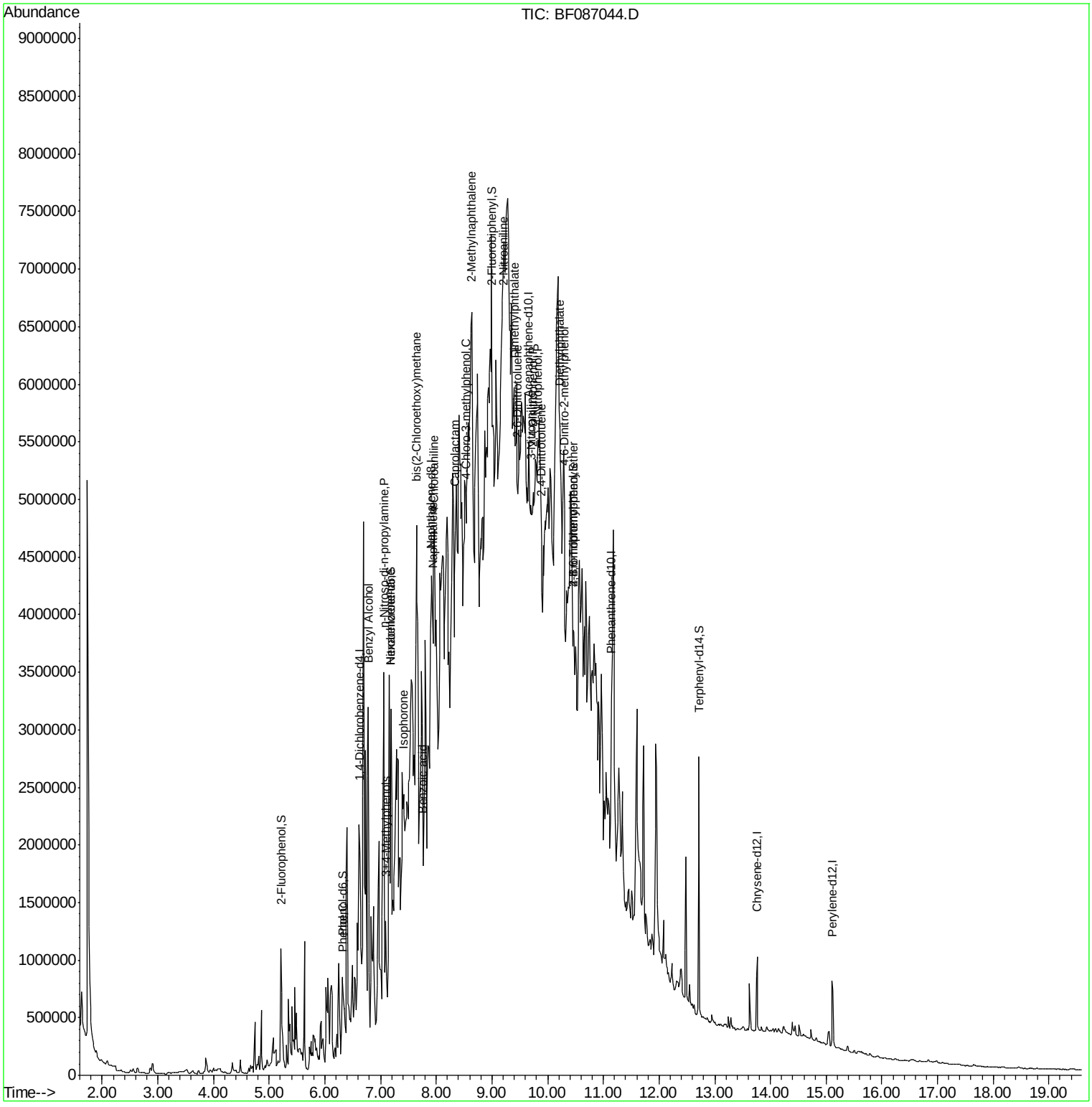
(#) = qualifier out of range (m) = manual integration (+) = signals summed

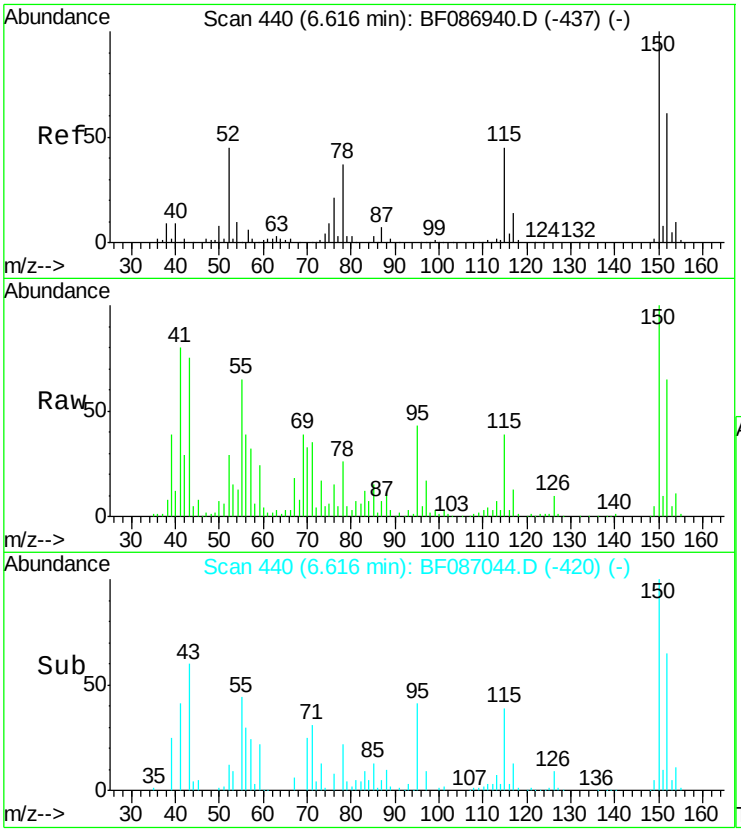
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087044.D
Acq On : 15 May 2016 2:58
Operator : UM/SJ
Sample : H2966-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Time: May 16 04:52:15 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



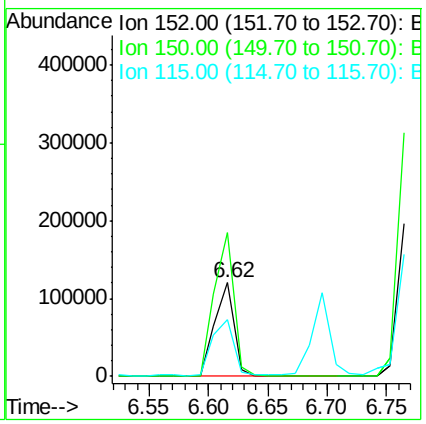


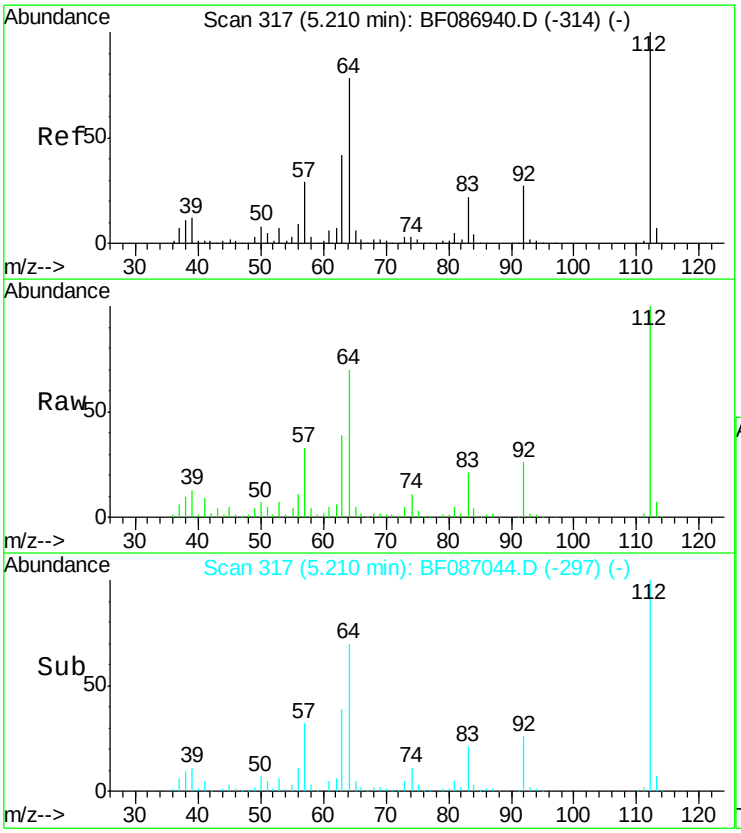
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 135810

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.8	188.6
115	60.2	51.5	77.3

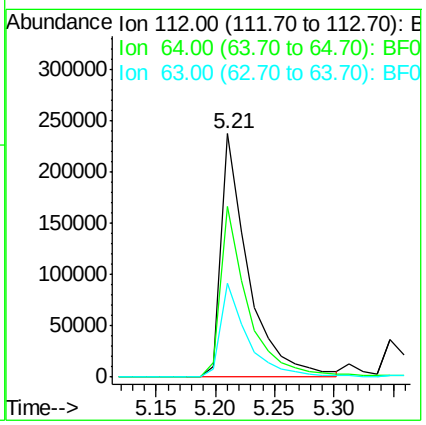


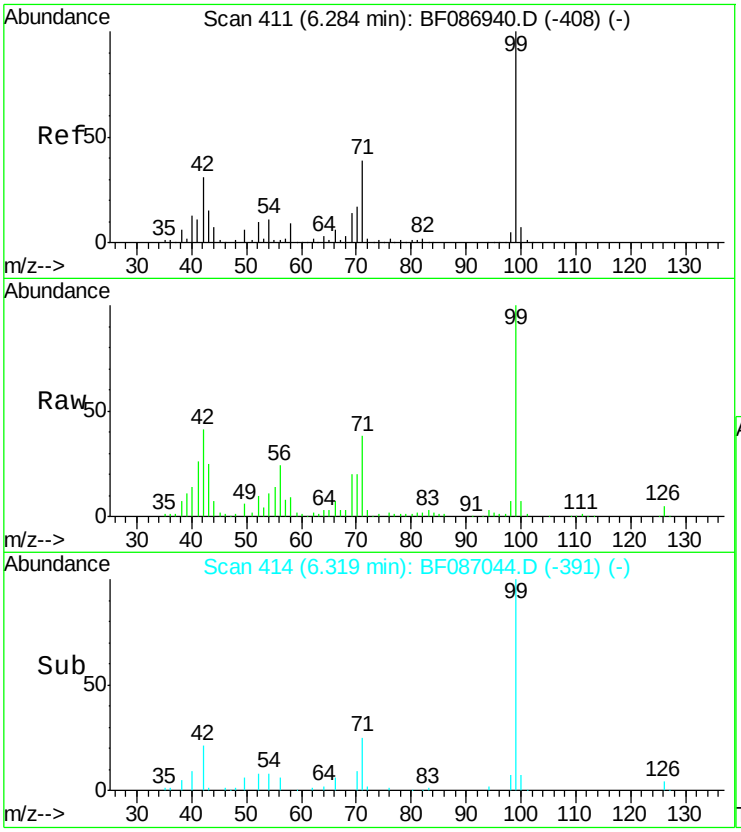


#5
2-Fluorophenol
Concen: 47.01 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:112 Resp: 376962

Ion	Ratio	Lower	Upper
112	100		
64	70.2	52.1	78.1
63	38.6	25.7	38.5#



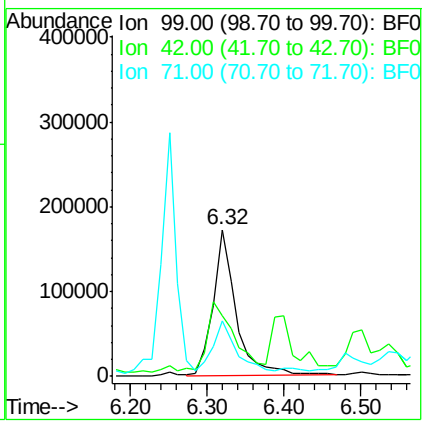


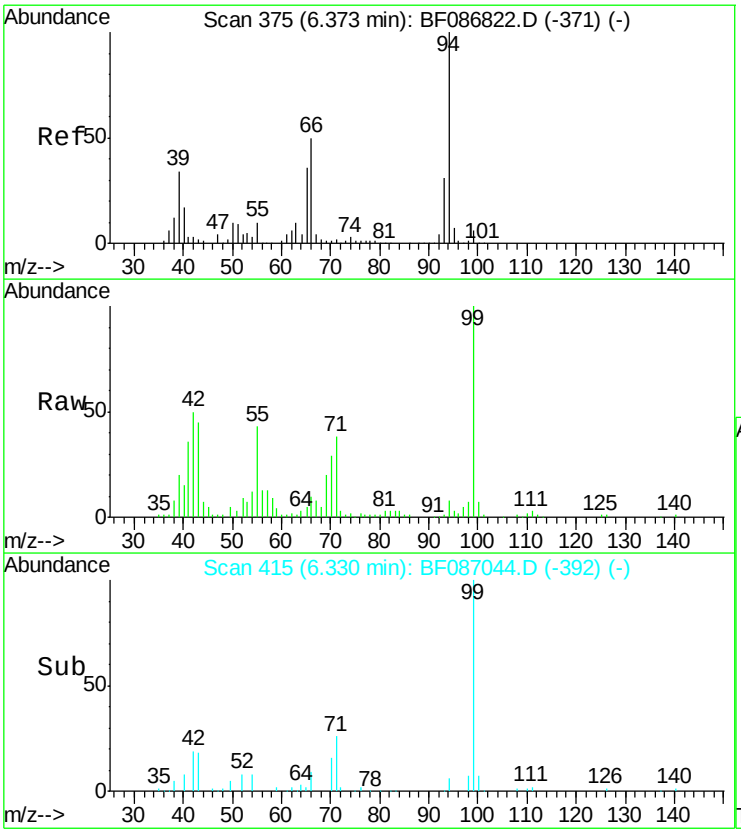
#7
Phenol-d6
Concen: 33.15 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.04 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 355295

Ion	Ratio	Lower	Upper
99	100		
42	40.8	13.6	20.4#
71	38.0	24.6	36.8#

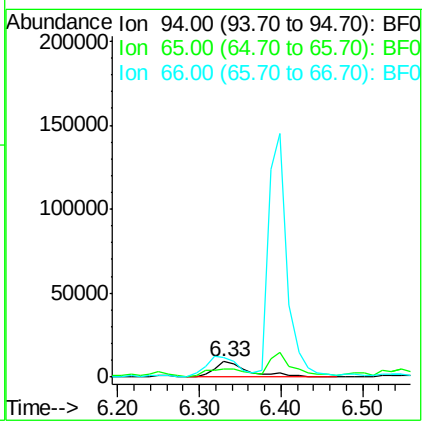


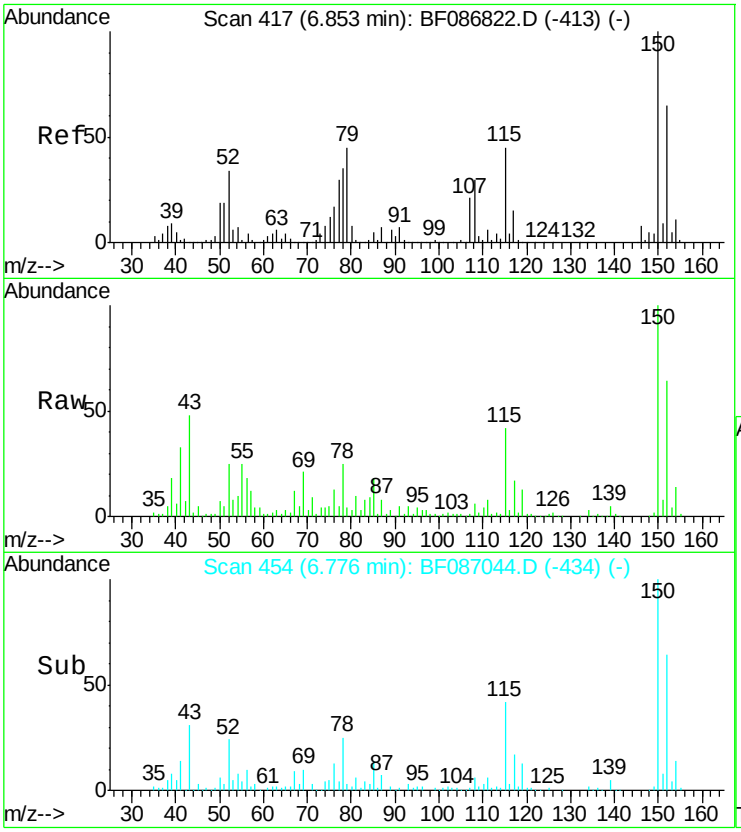


#10
Phenol
Concen: 2.25 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.04 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion: 94 Resp: 28642

Ion	Ratio	Lower	Upper
94	100		
65	55.3	7.2	47.2#
66	123.9	14.9	54.9#



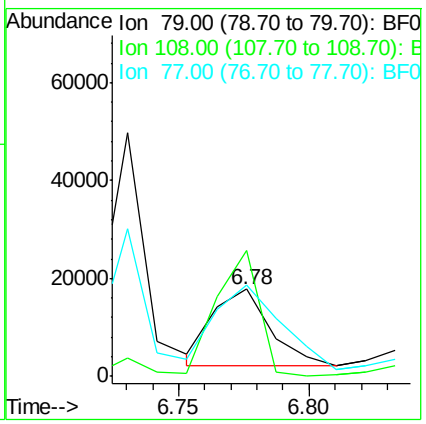


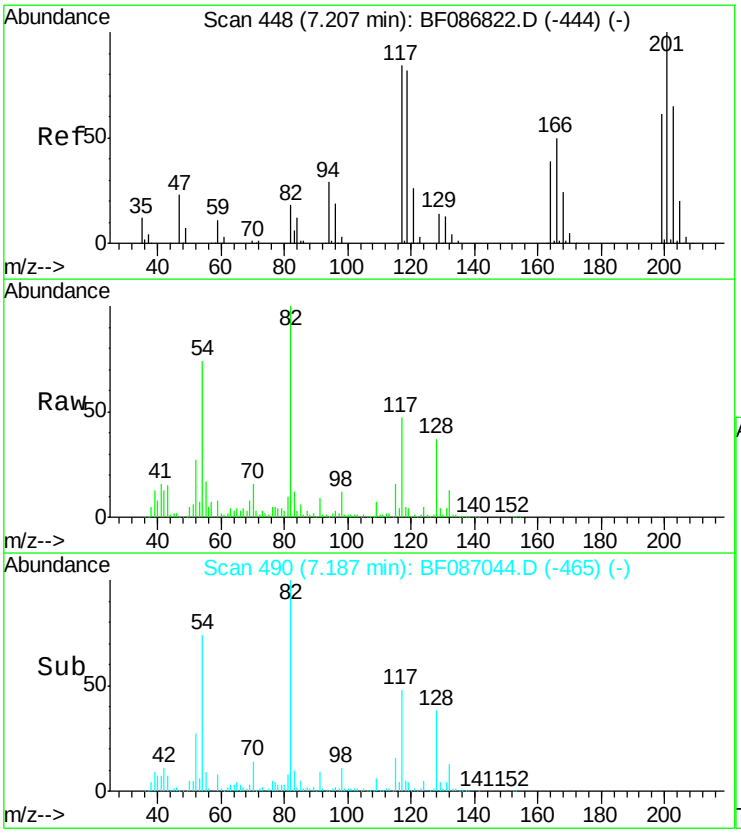
#15
Benzyl Alcohol
Concen: 3.27 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 79 Resp: 24217

Ion	Ratio	Lower	Upper
79	100		
108	143.6	68.4	102.6#
77	104.0	50.6	76.0#

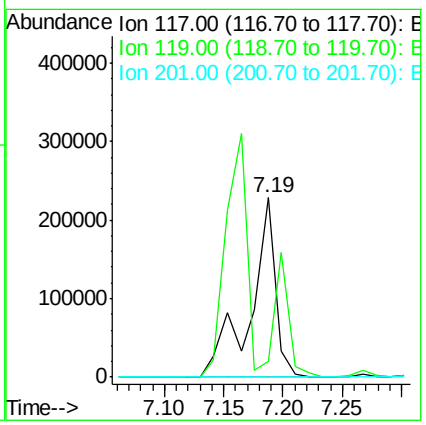


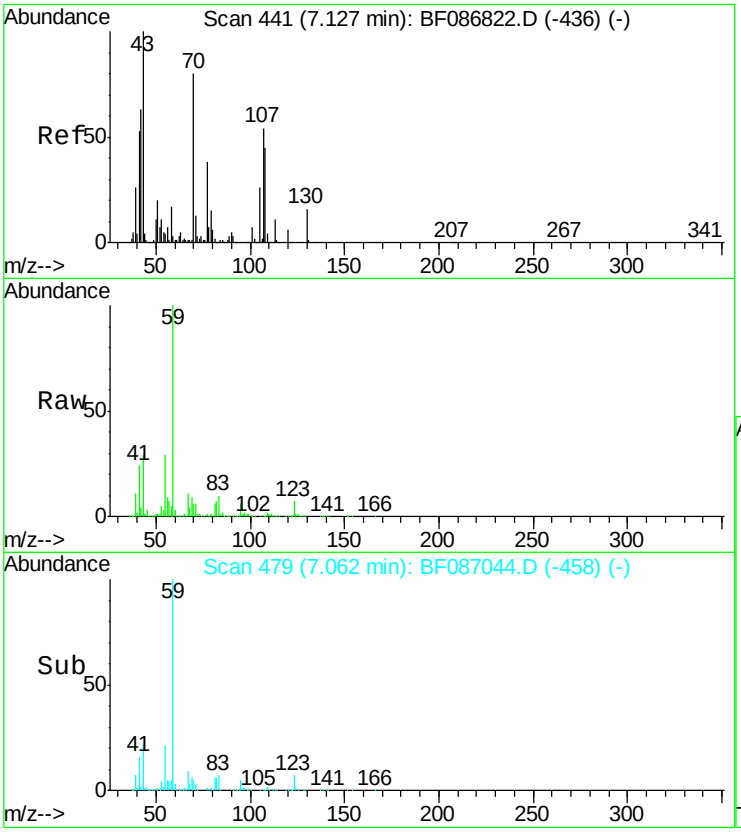


#18
Hexachloroethane
Concen: 85.00 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:117 Resp: 341546

Ion	Ratio	Lower	Upper
117	100		
119	9.0	76.5	114.7#
201	0.0	63.0	94.6#



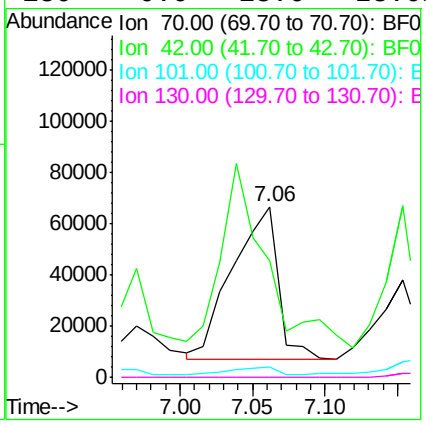


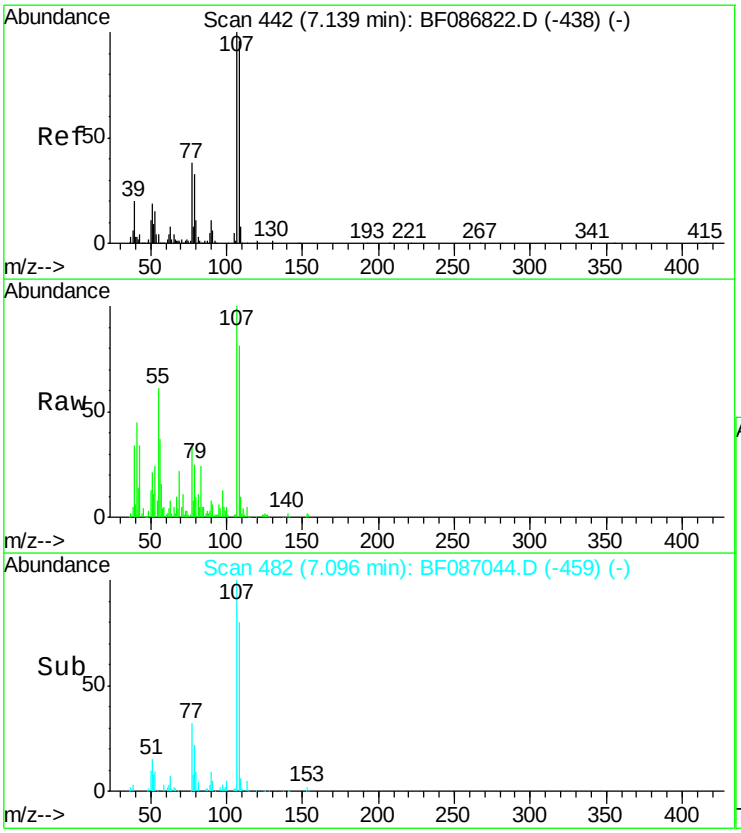
#19
n-Nitroso-di-n-propylamine
Concen: 17.30 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.07 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 70 Resp: 129552

Ion	Ratio	Lower	Upper
70	100		
42	67.9	43.1	64.7#
101	6.1	8.1	12.1#
130	0.0	18.6	28.0#

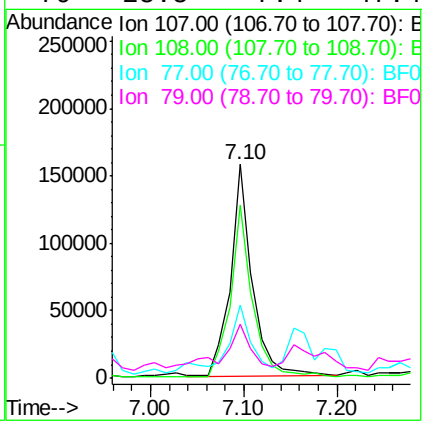


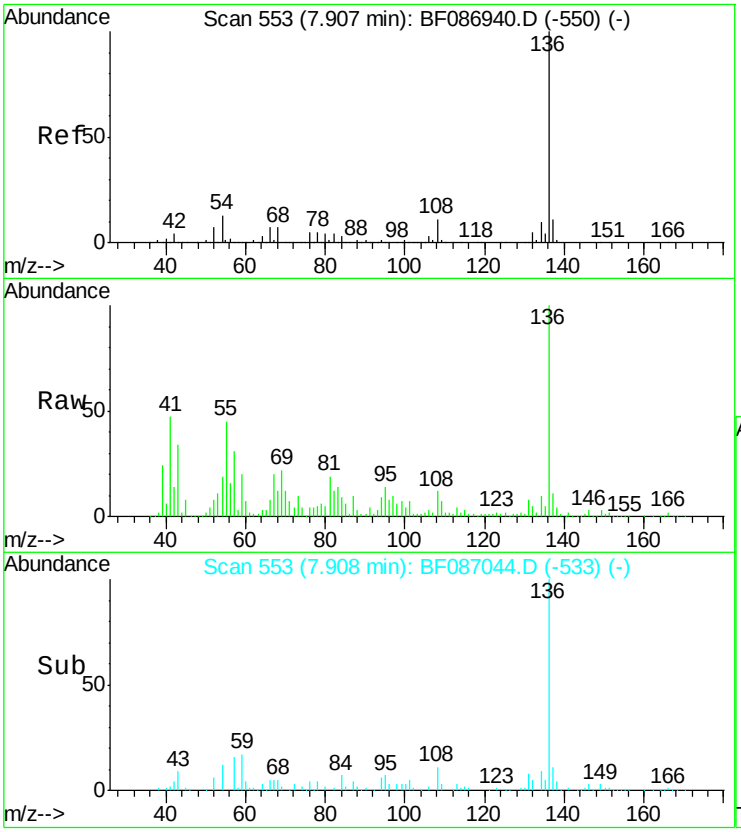


#20
3+4-Methylphenols
Concen: 25.54 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.04 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:107 Resp: 256877

Ion	Ratio	Lower	Upper
107	100		
108	81.0	68.5	108.5
77	34.0	101.6	141.6#
79	25.5	7.4	47.4



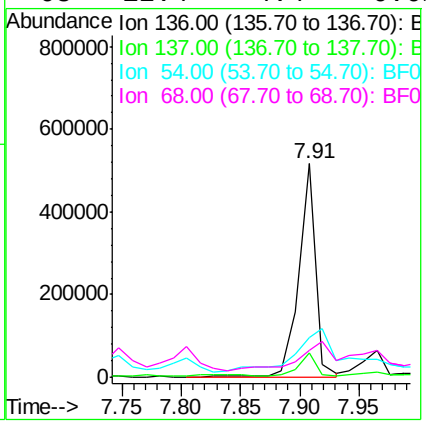


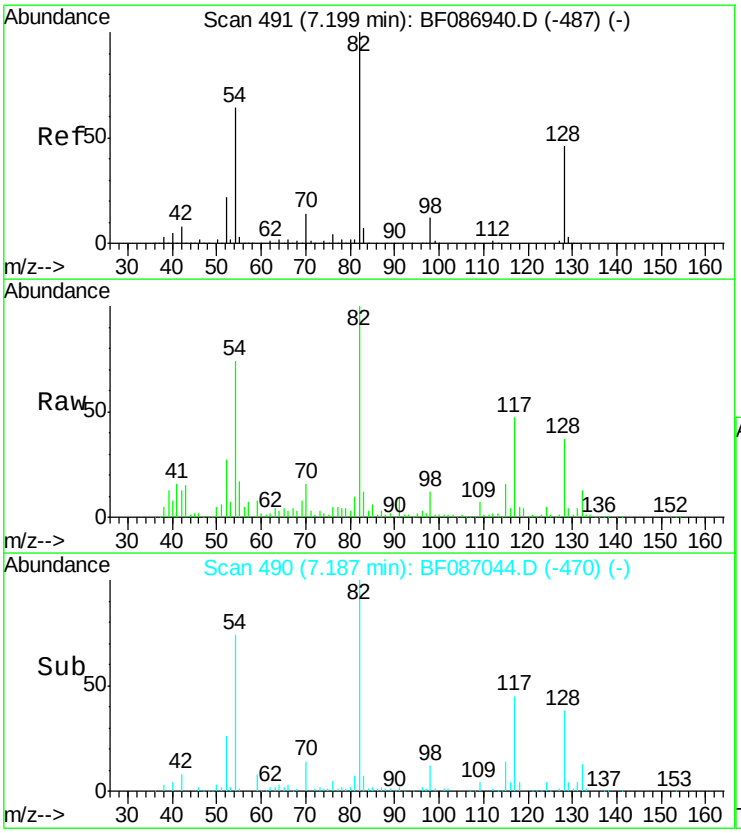
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:136 Resp: 506258

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	18.7	5.0	7.4#
68	12.4	4.4	6.6#

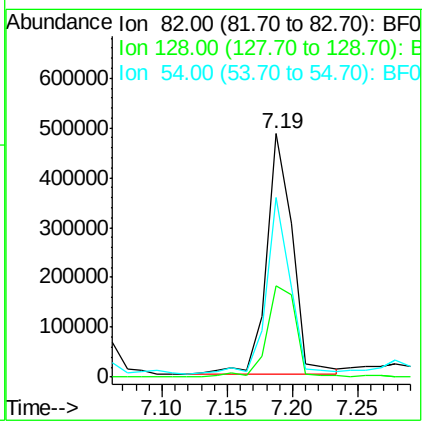


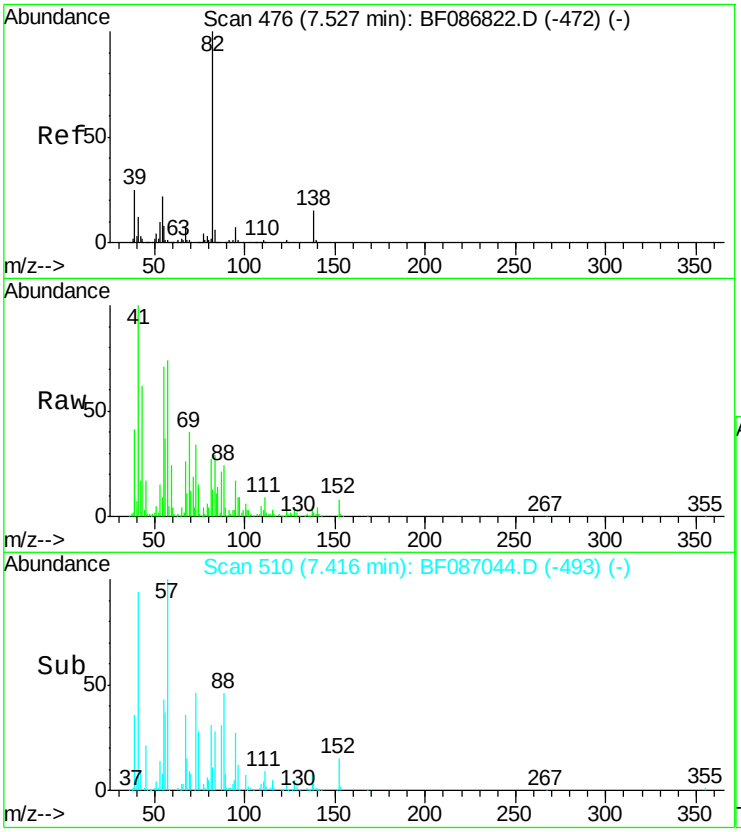


#23
Nitrobenzene-d5
Concen: 66.79 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion: 82 Resp: 673422

Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	73.8	38.1	57.1#



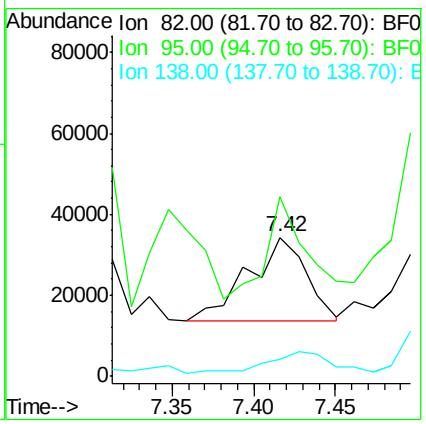


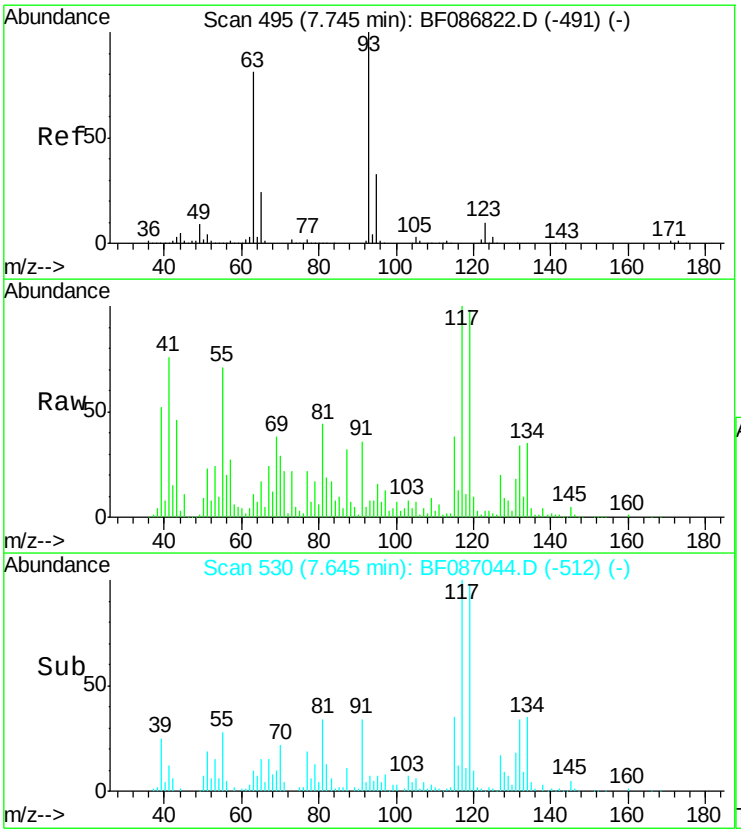
#25
Isophorone
Concen: 2.70 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.11 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 82 Resp: 50540

Ion	Ratio	Lower	Upper
82	100		
95	129.7	5.1	7.7#
138	12.7	12.4	18.6

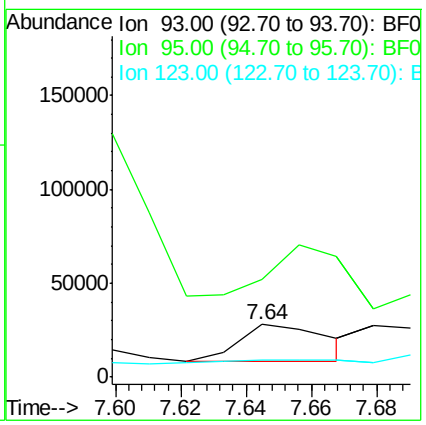


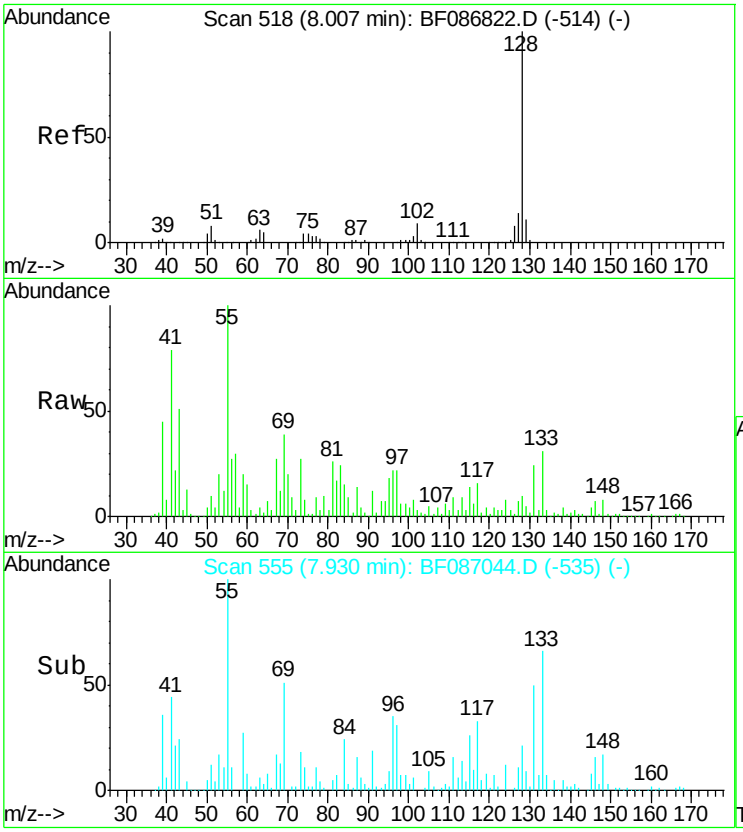


#28
bis(2-Chloroethoxy)methane
Concen: 3.61 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion: 93 Resp: 36385

Ion	Ratio	Lower	Upper
93	100		
95	187.2	26.0	39.0#
123	31.7	9.5	14.3#



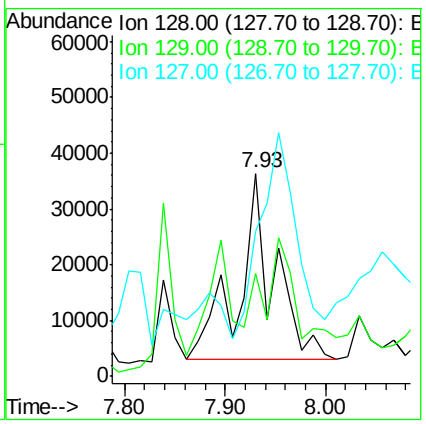


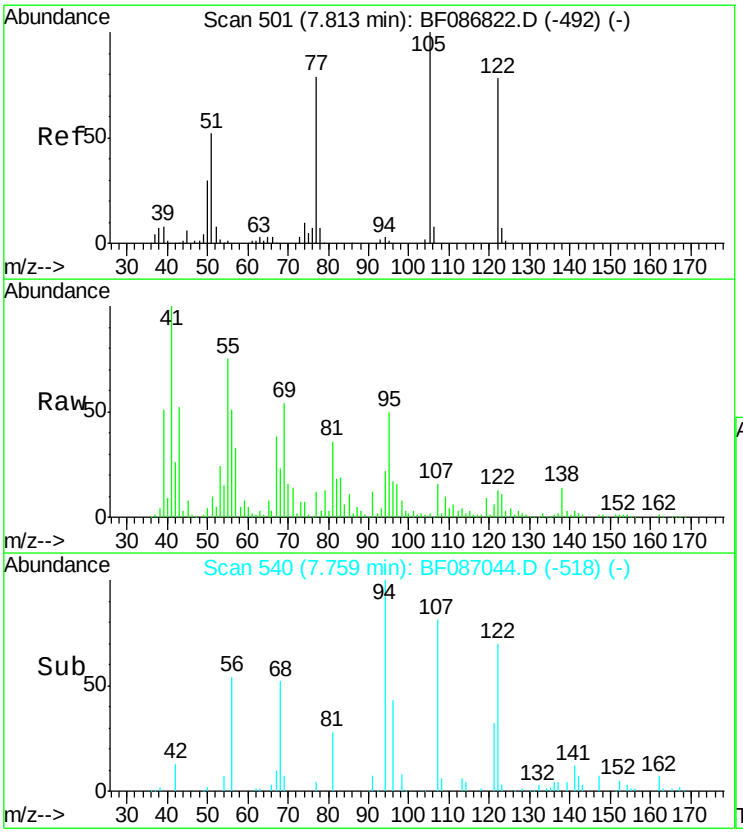
#31
Naphthalene
Concen: 3.23 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:128 Resp: 82027

Ion	Ratio	Lower	Upper
128	100		
129	50.6	8.6	13.0#
127	71.3	10.8	16.2#

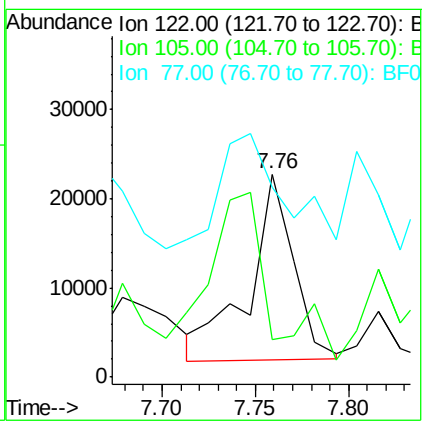


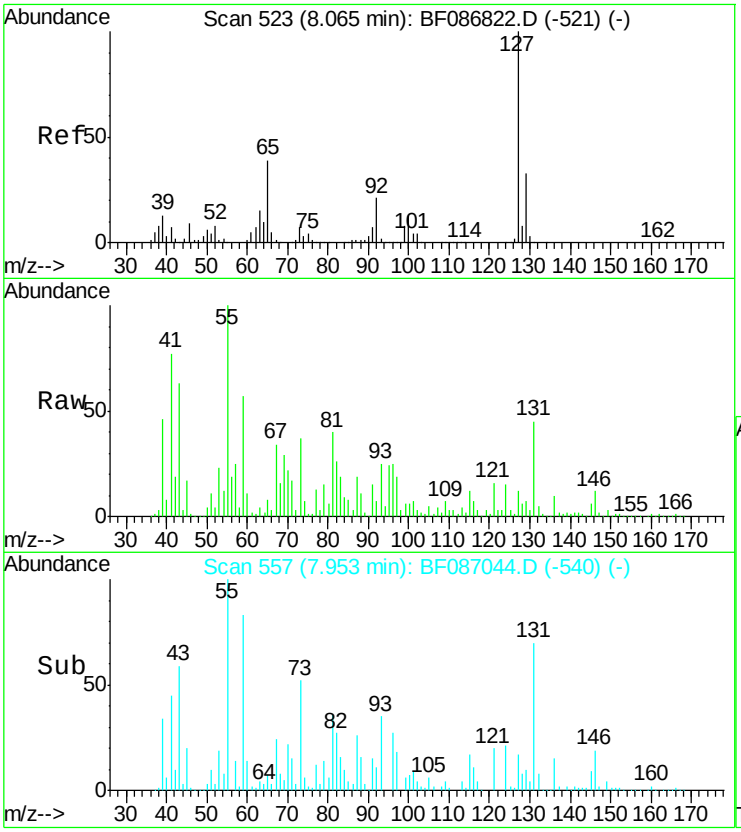


#32
Benzoic acid
Concen: 7.52 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:122 Resp: 34322

Ion	Ratio	Lower	Upper
122	100		
105	18.3	92.6	132.6#
77	93.6	60.0	100.0



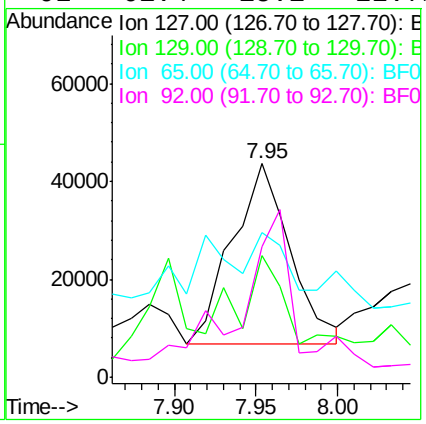


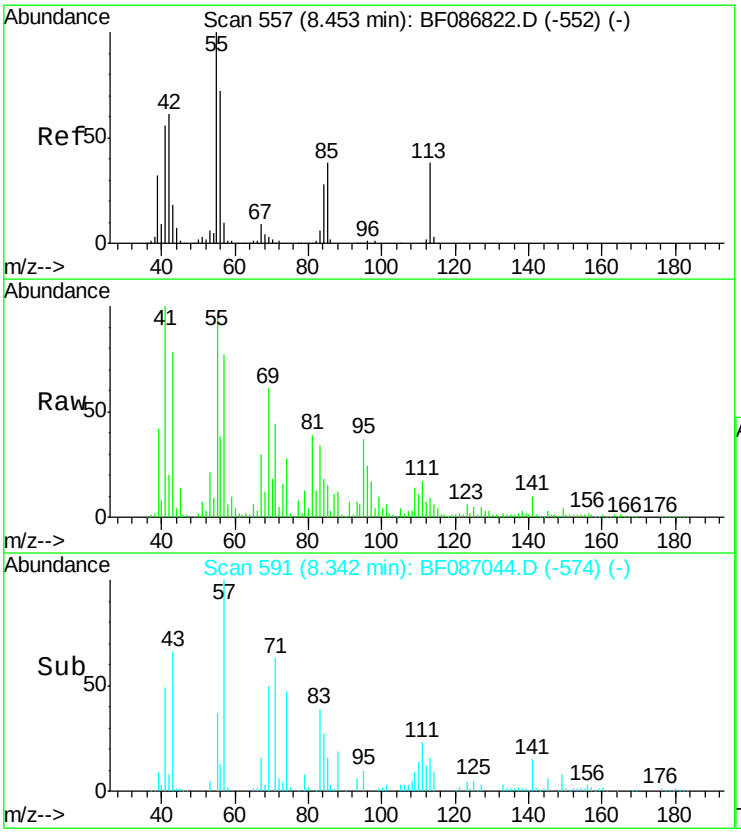
#33
4-Chloroaniline
Concen: 9.26 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.11 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:127 Resp: 91221

Ion	Ratio	Lower	Upper
127	100		
129	57.2	26.2	39.4#
65	67.7	23.0	34.4#
92	61.4	15.1	22.7#

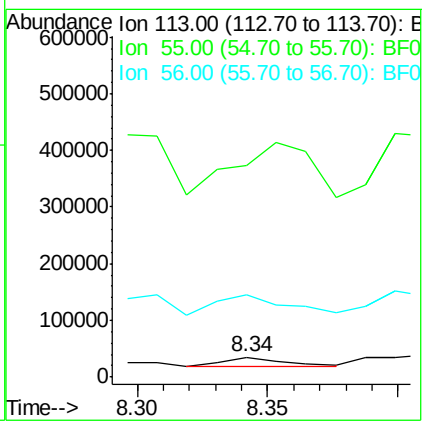


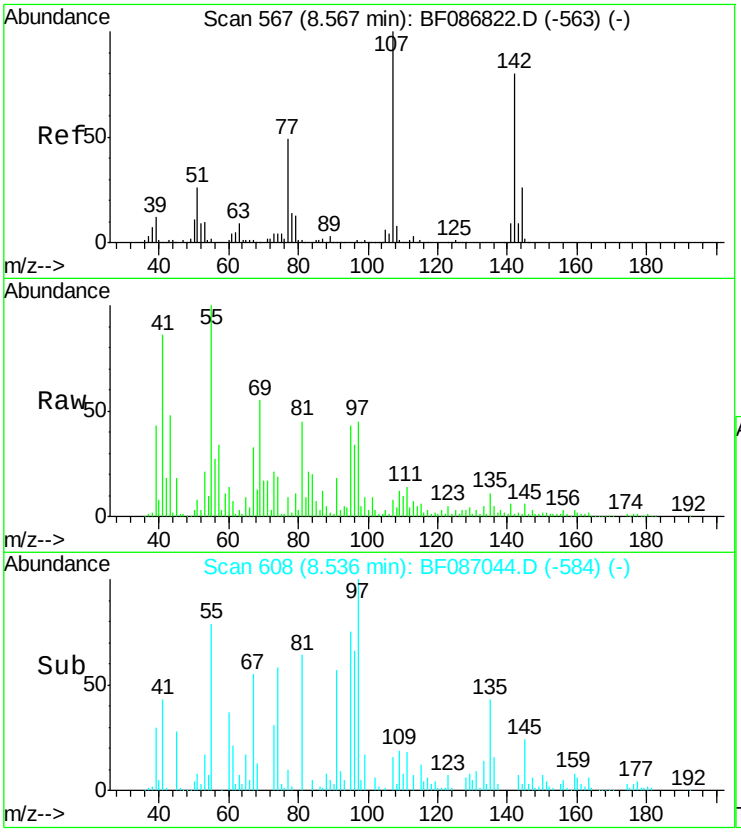


#35
Caprolactam
Concen: 10.25 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.11 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:113 Resp: 23848

Ion	Ratio	Lower	Upper
113	100		
55	1058.1	162.0	202.0#
56	409.5	115.3	155.3#



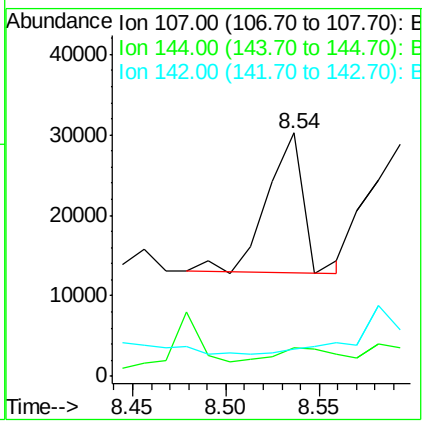


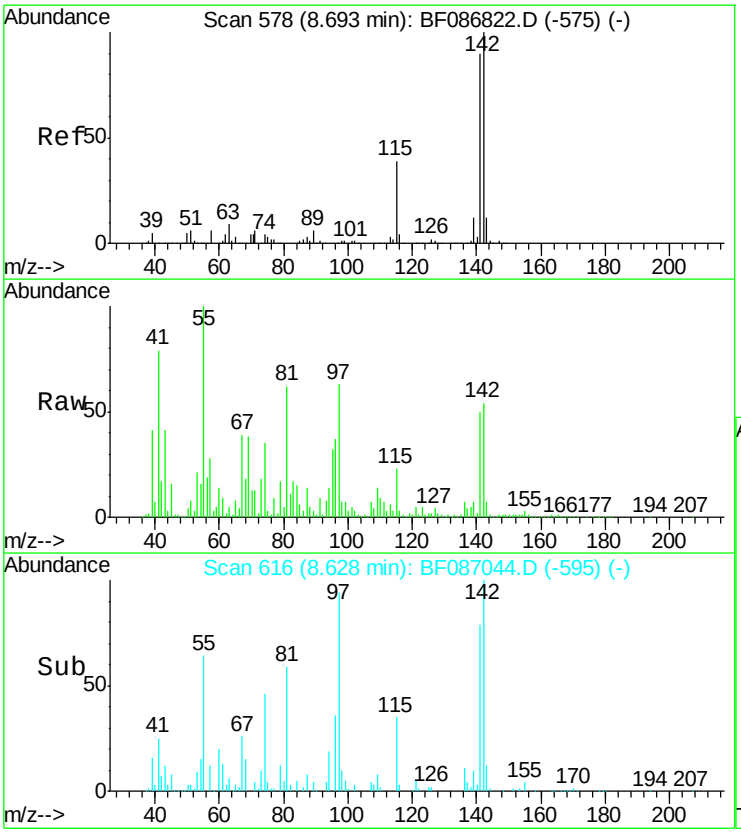
#36
4-Chloro-3-methylphenol
Concen: 2.84 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:107 Resp: 23580

Ion	Ratio	Lower	Upper
107	100		
144	11.6	20.7	31.1#
142	11.3	63.2	94.8#

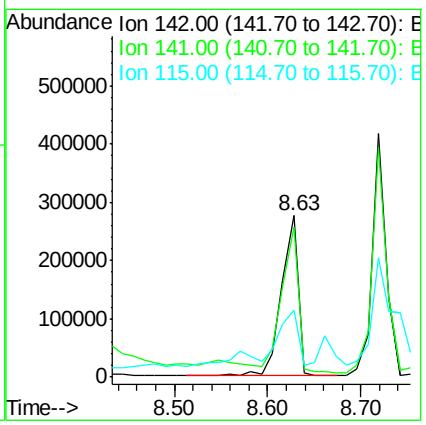


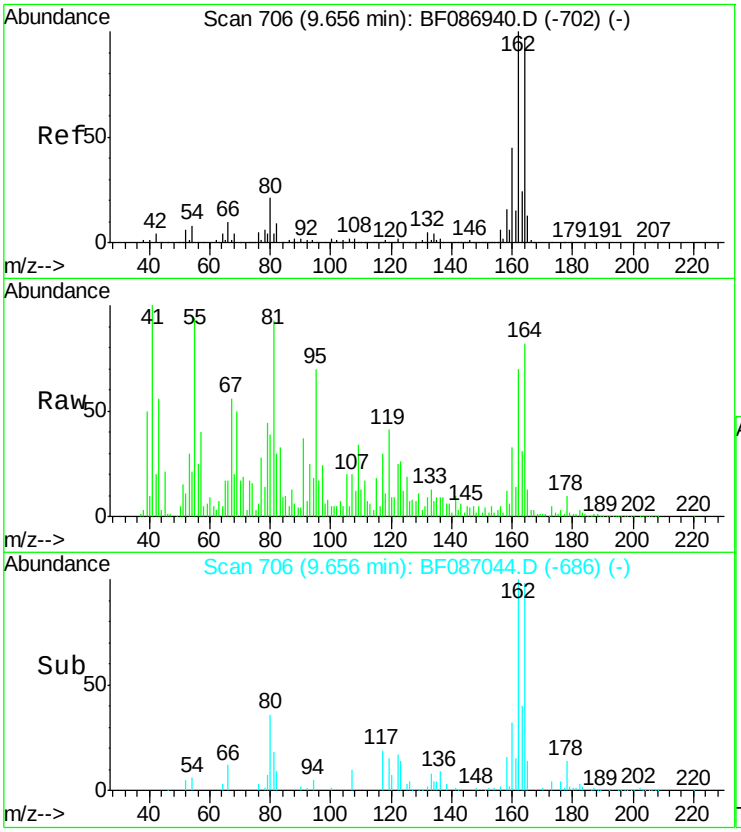


#37
2-Methylnaphthalene
Concen: 23.00 ng
RT: 8.63 min Scan# 616
Delta R.T. -0.07 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:142 Resp: 340981

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.0	106.6
115	41.7	26.6	39.8#



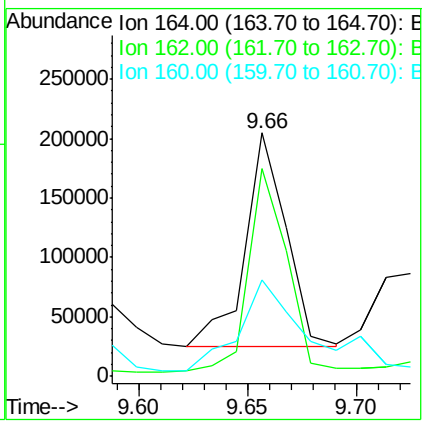


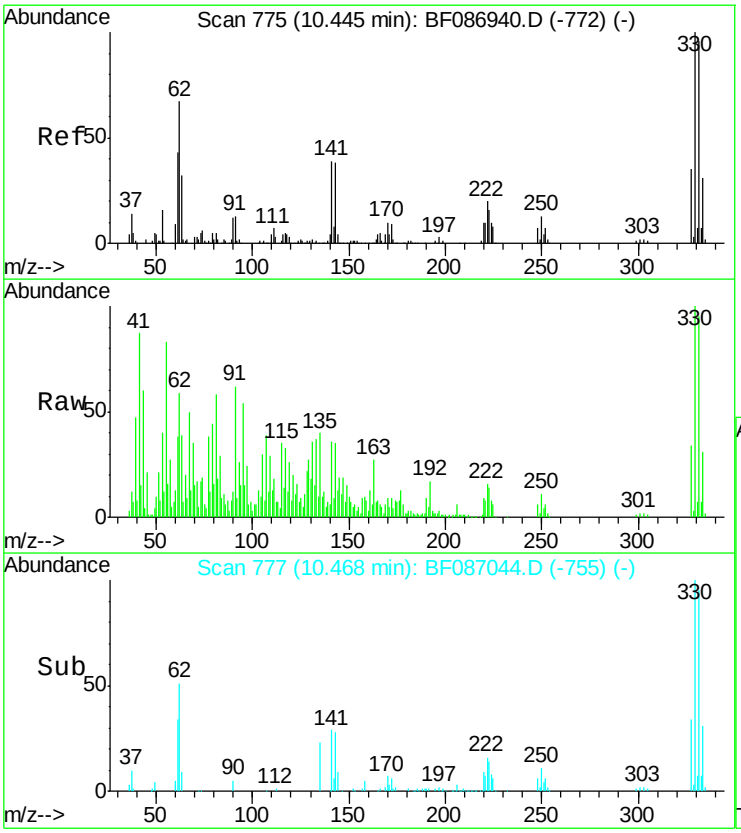
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:164 Resp: 237743

Ion	Ratio	Lower	Upper
164	100		
162	85.3	82.8	124.2
160	39.8	36.9	55.3

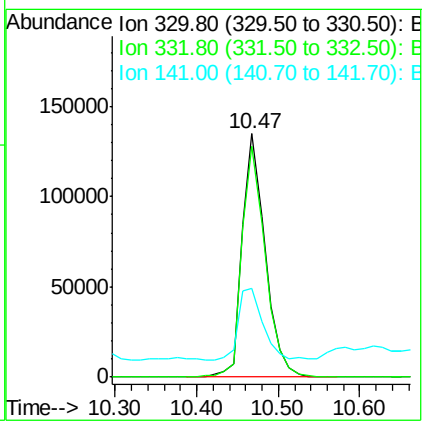


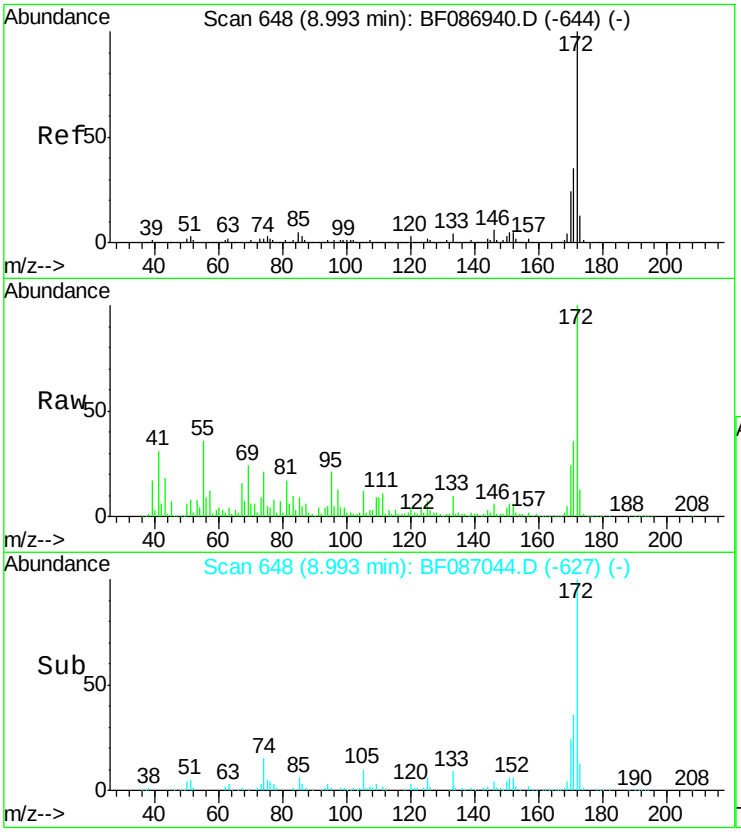


#41
2,4,6-Tribromophenol
Concen: 104.62 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.05 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:330 Resp: 263324

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	31.0	31.2	46.8#



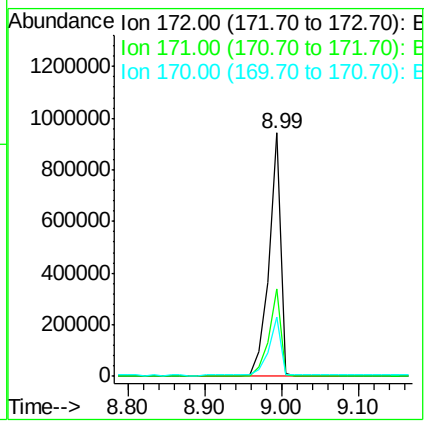


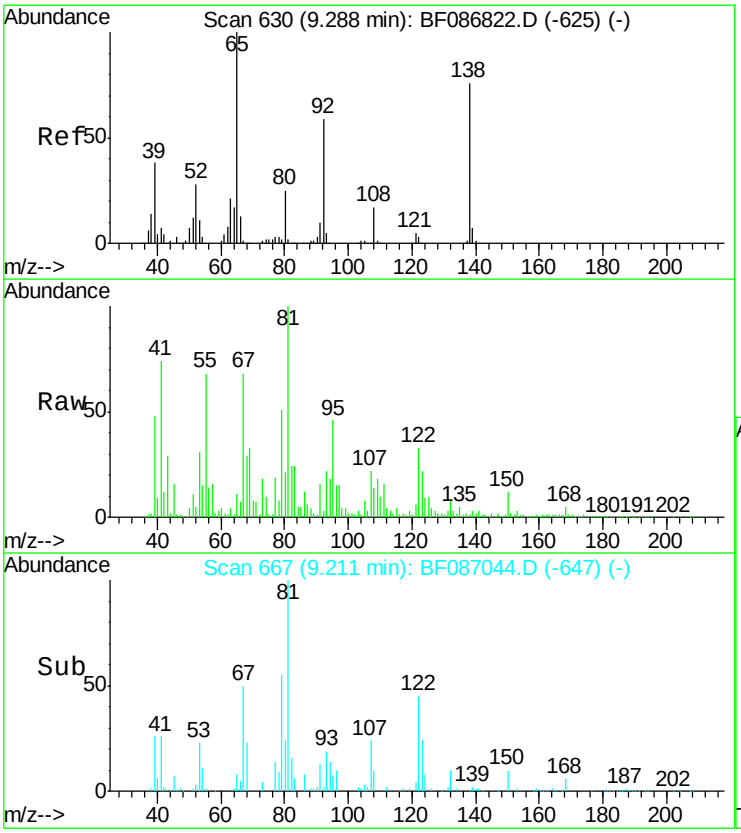
#44
2-Fluorobiphenyl
Concen: 69.74 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.07 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:172 Resp: 986568

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

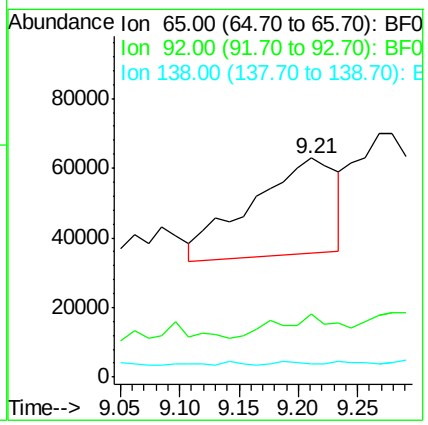


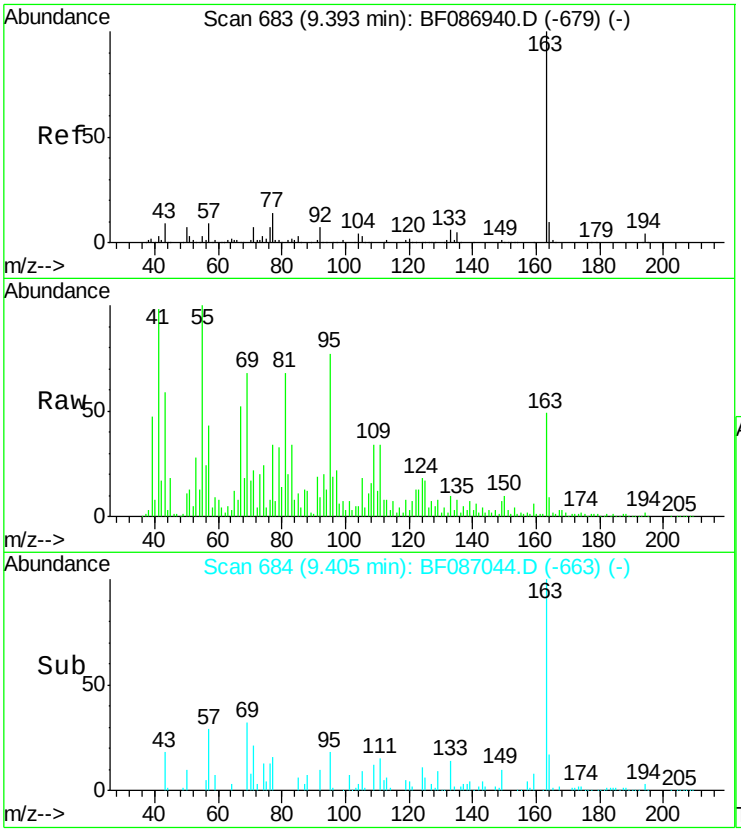


#47
2-Nitroaniline
Concen: 25.60 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion: 65 Resp: 138615

Ion	Ratio	Lower	Upper
65	100		
92	28.5	57.4	86.2#
138	5.8	90.1	135.1#



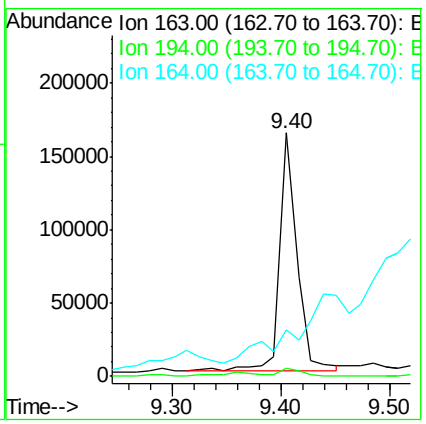


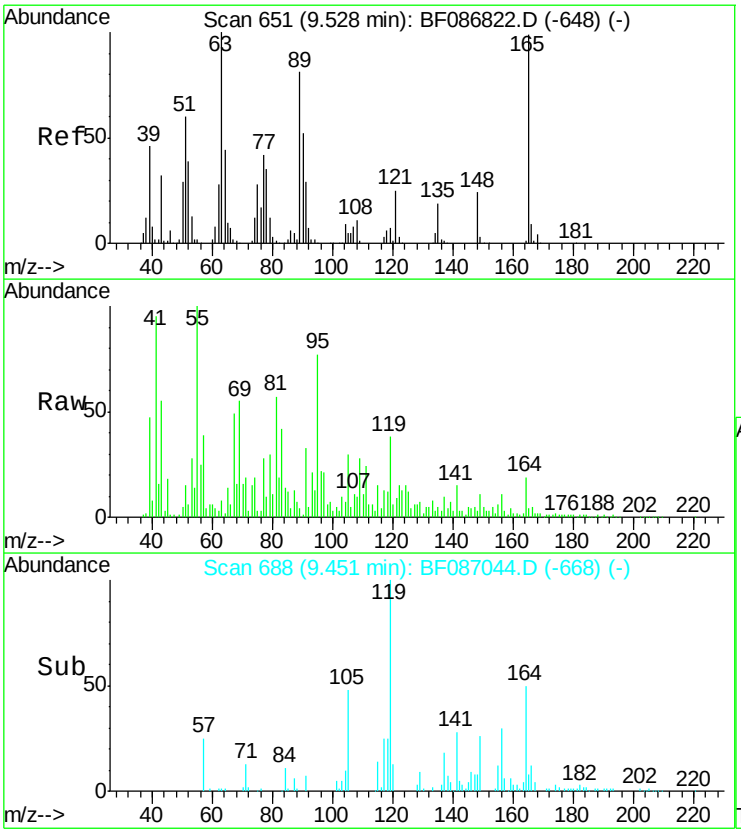
#49
Dimethylphthalate
Concen: 10.01 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.07 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:163 Resp: 181520

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	19.3	8.2	12.4#

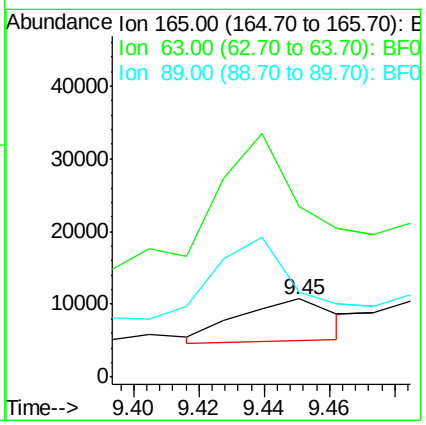


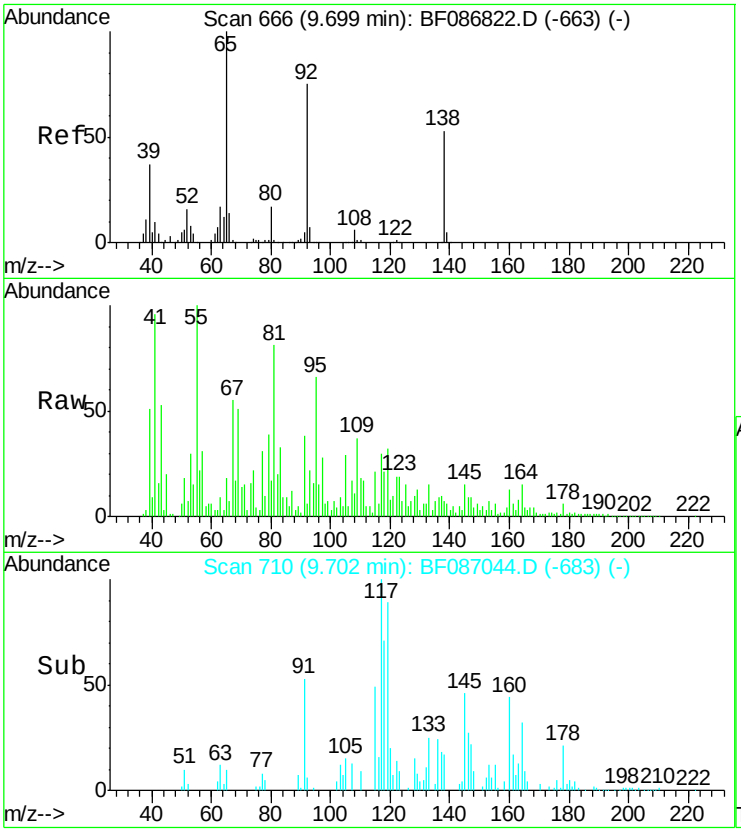


#50
2,6-Dinitrotoluene
Concen: 3.06 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:165 Resp: 11698

Ion	Ratio	Lower	Upper
165	100		
63	217.1	51.8	77.8#
89	108.6	50.7	76.1#



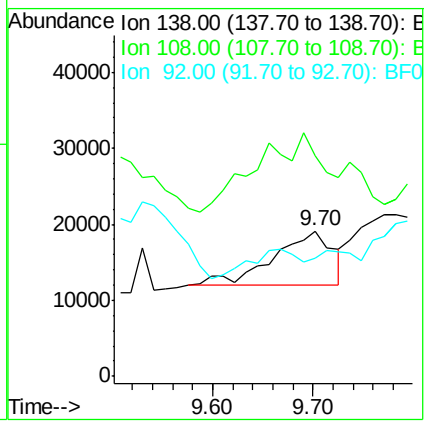


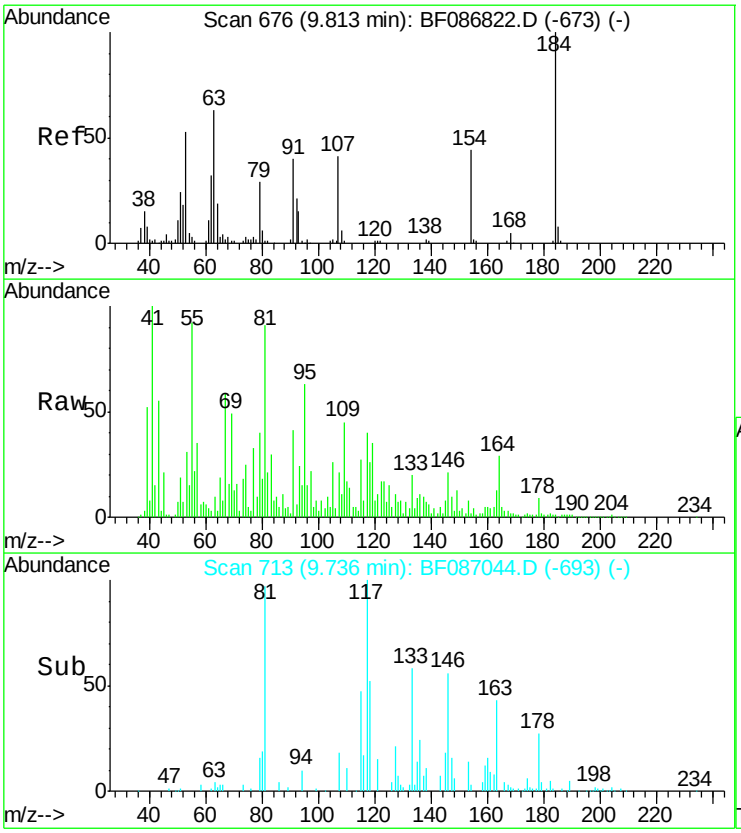
#52
3-Nitroaniline
Concen: 7.08 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:138 Resp: 28471

Ion	Ratio	Lower	Upper
138	100		
108	151.4	7.8	11.6#
92	81.1	87.8	131.8#

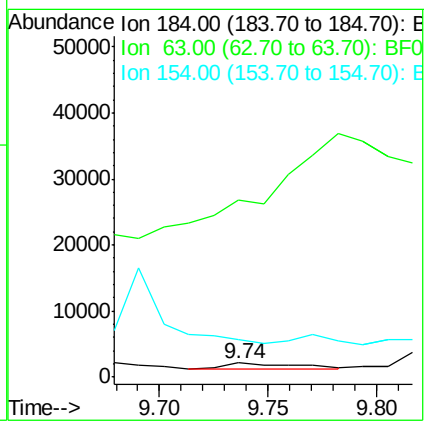


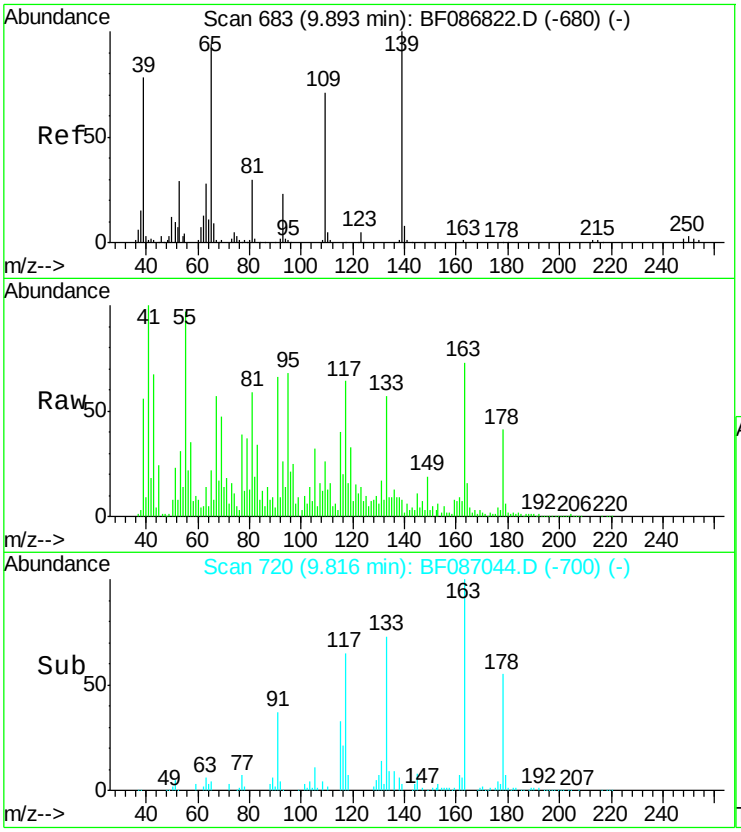


#53
2,4-Dinitrophenol
Concen: 8.49 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:184 Resp: 1733

Ion	Ratio	Lower	Upper
184	100		
63	1251.7	55.8	83.8#
154	270.1	62.4	93.6#



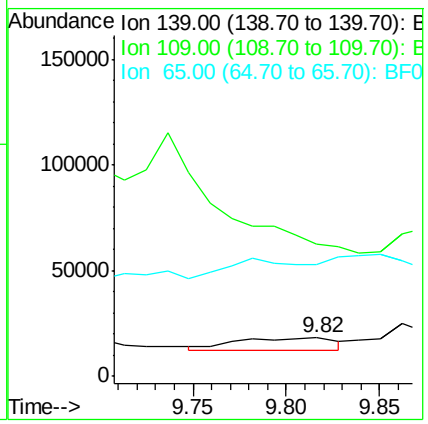


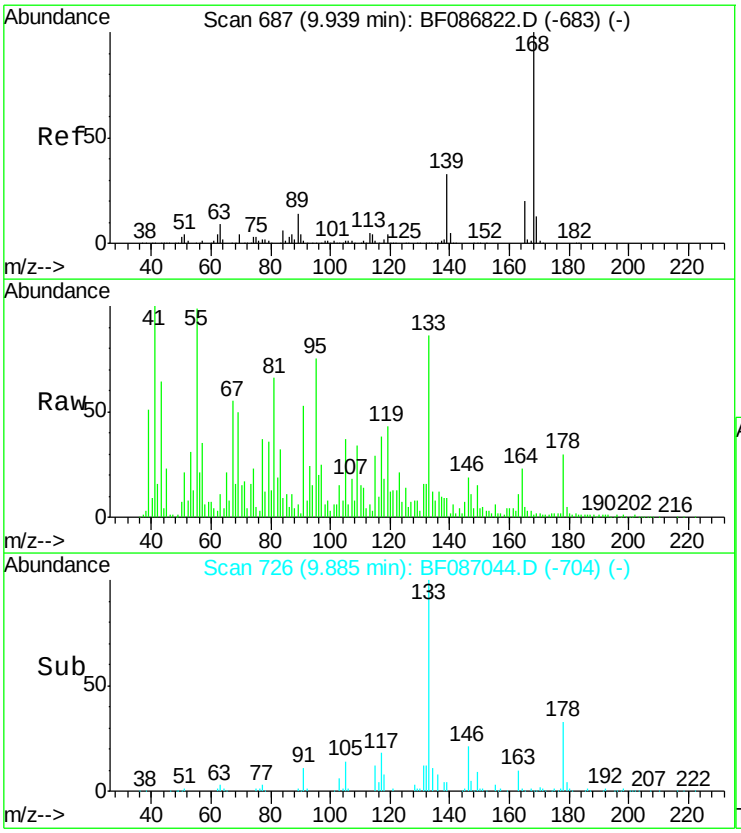
#55
4-Nitrophenol
Concen: 12.21 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:139 Resp: 21747

Ion	Ratio	Lower	Upper
139	100		
109	346.0	36.9	76.9#
65	292.4	64.0	104.0#

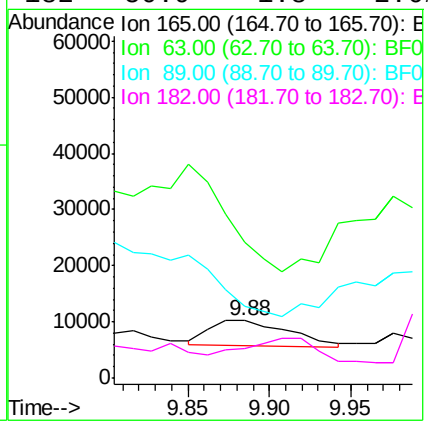


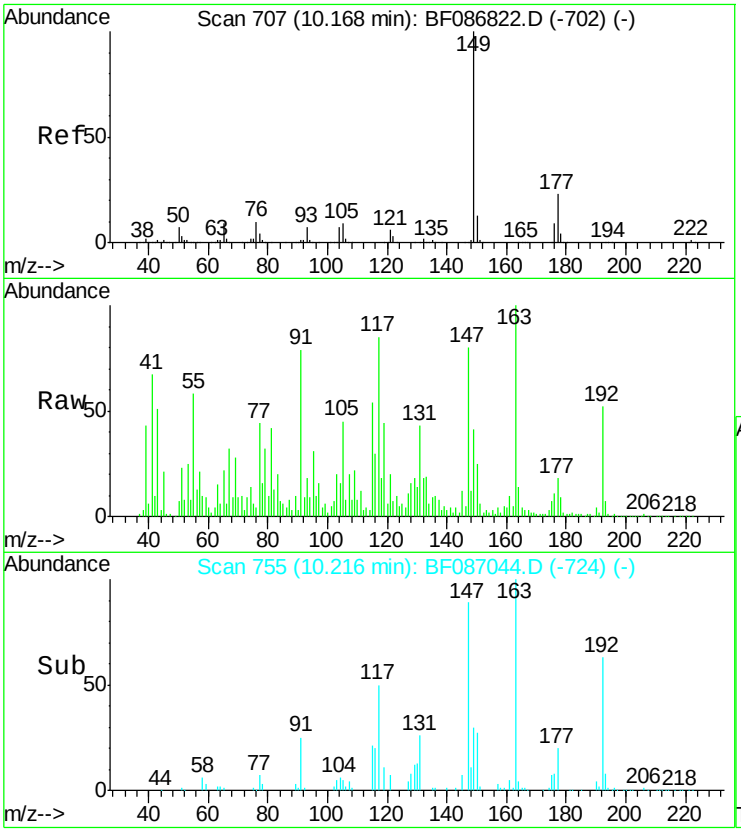


#56
2,4-Dinitrotoluene
Concen: 3.20 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:165 Resp: 15111

Ion	Ratio	Lower	Upper
165	100		
63	236.2	44.3	66.5#
89	125.1	70.0	105.0#
182	50.9	1.8	2.6#



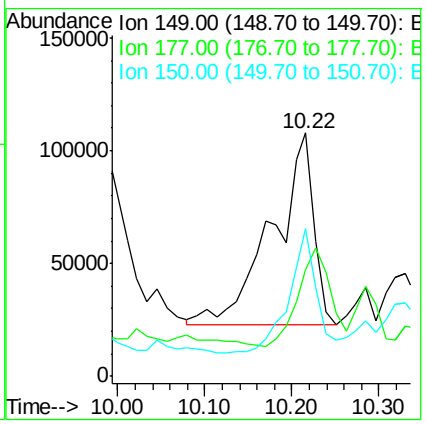


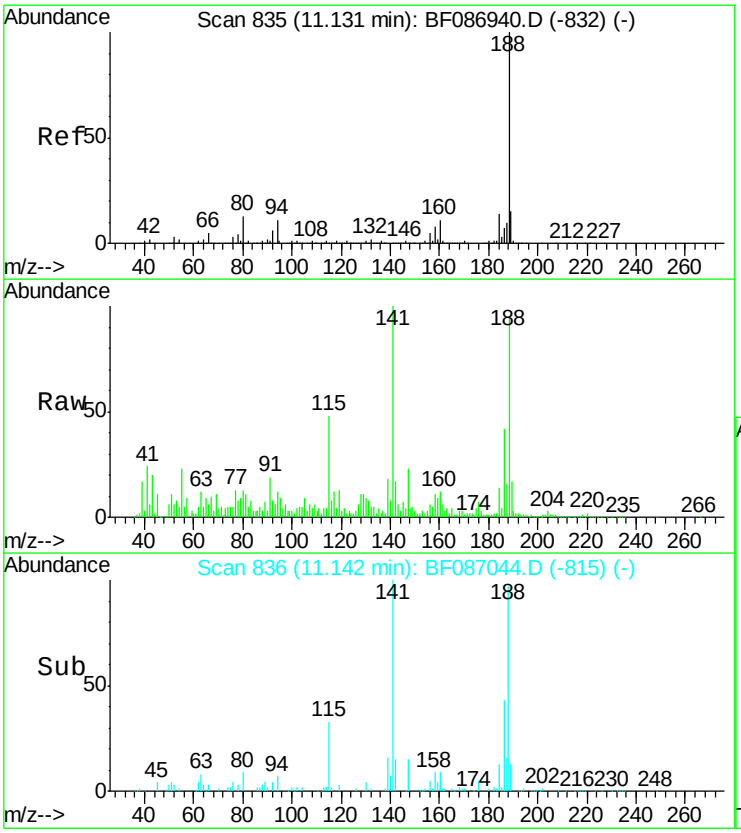
#59
Diethylphthalate
Concen: 15.77 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.05 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:149 Resp: 278704

Ion	Ratio	Lower	Upper
149	100		
177	43.9	16.6	24.8#
150	60.8	10.0	15.0#

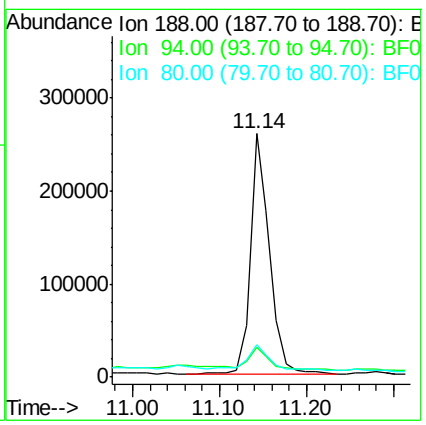


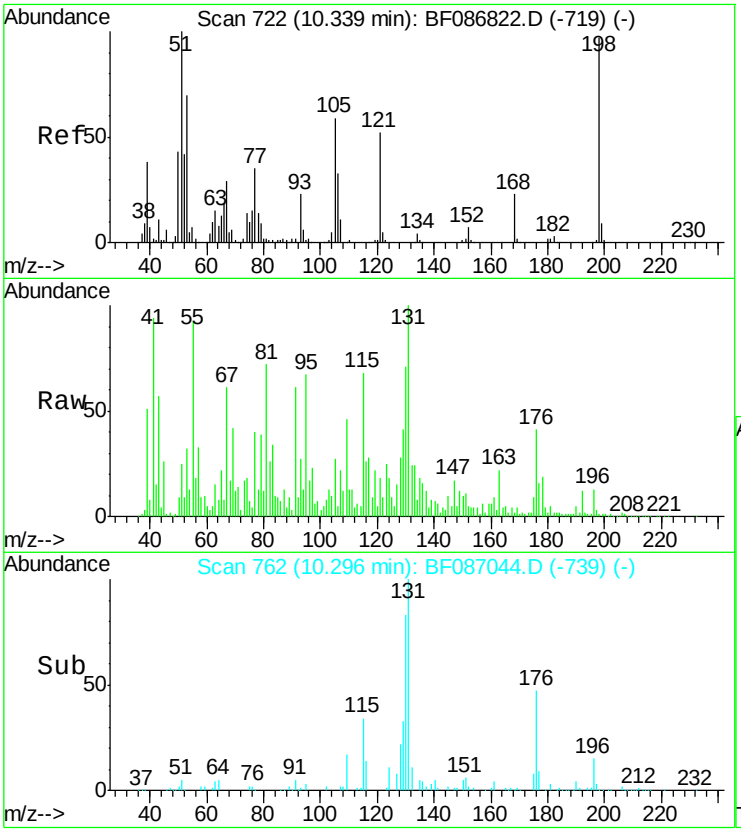


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:188 Resp: 396552

Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.8	10.2#
80	13.6	7.1	10.7#



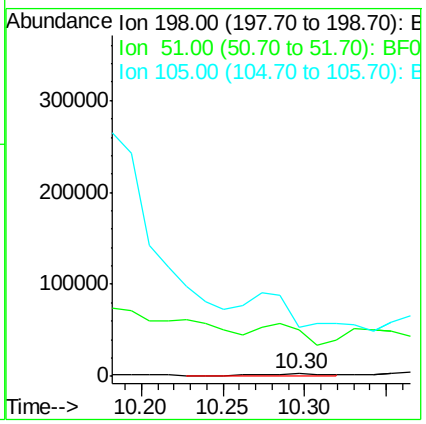


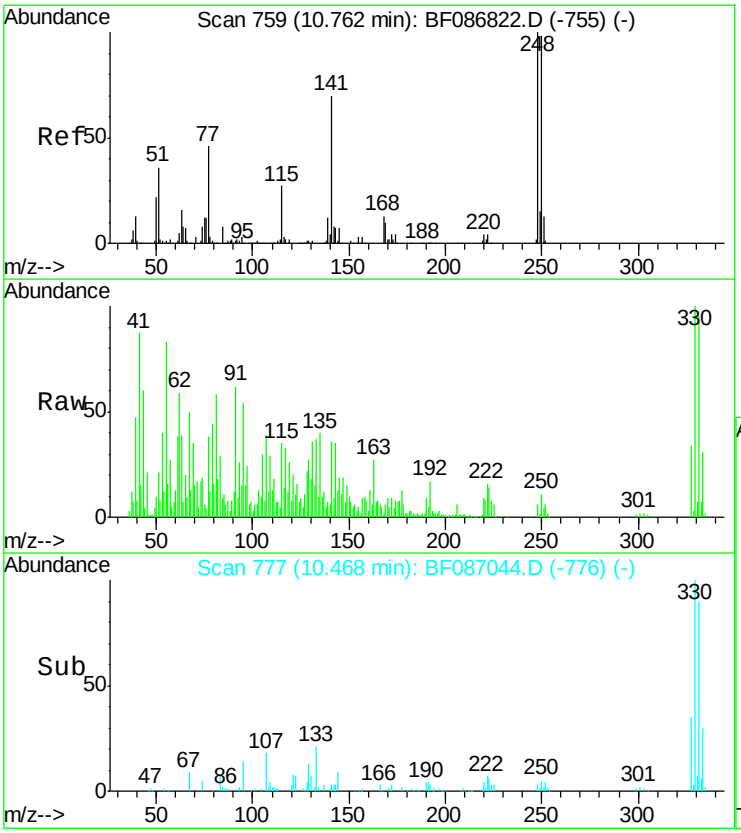
#64
4,6-Dinitro-2-methylphenol
Concen: 2.11 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.04 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:198 Resp: 5189

Ion	Ratio	Lower	Upper
198	100		
51	1698.8	20.5	60.5#
105	1800.8	24.5	64.5#

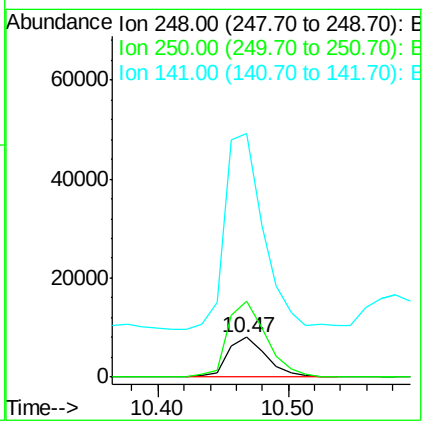


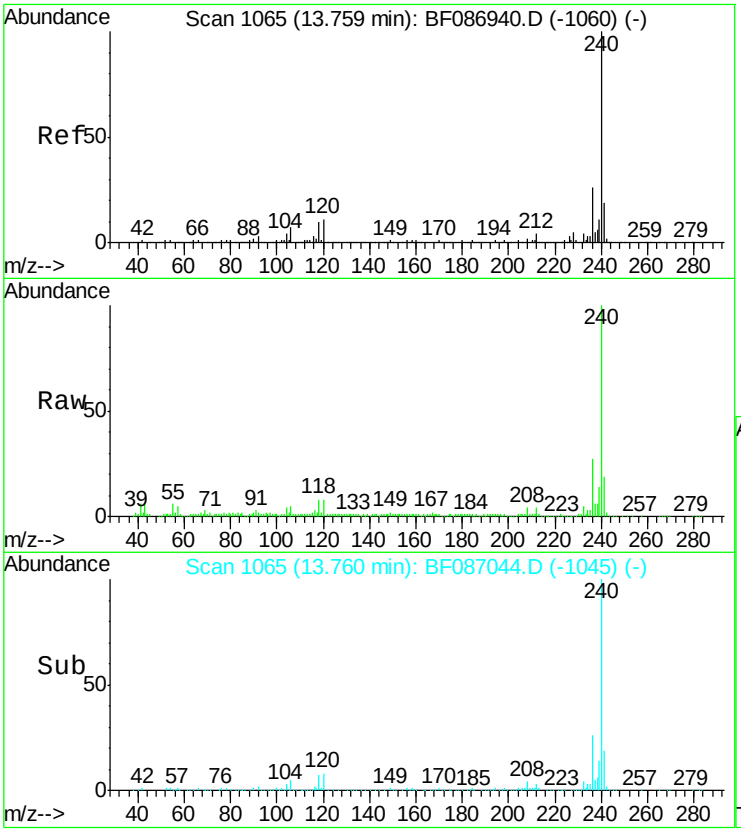


#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.29 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:248 Resp: 16498

Ion	Ratio	Lower	Upper
248	100		
250	189.2	78.6	117.8#
141	609.5	76.0	114.0#



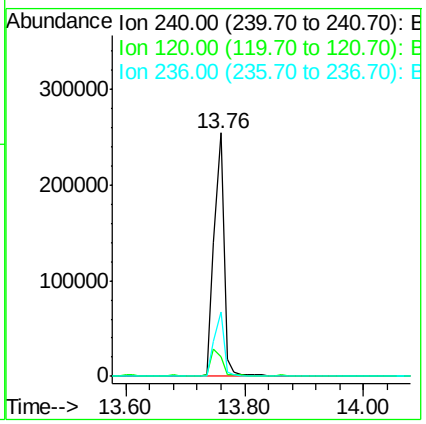


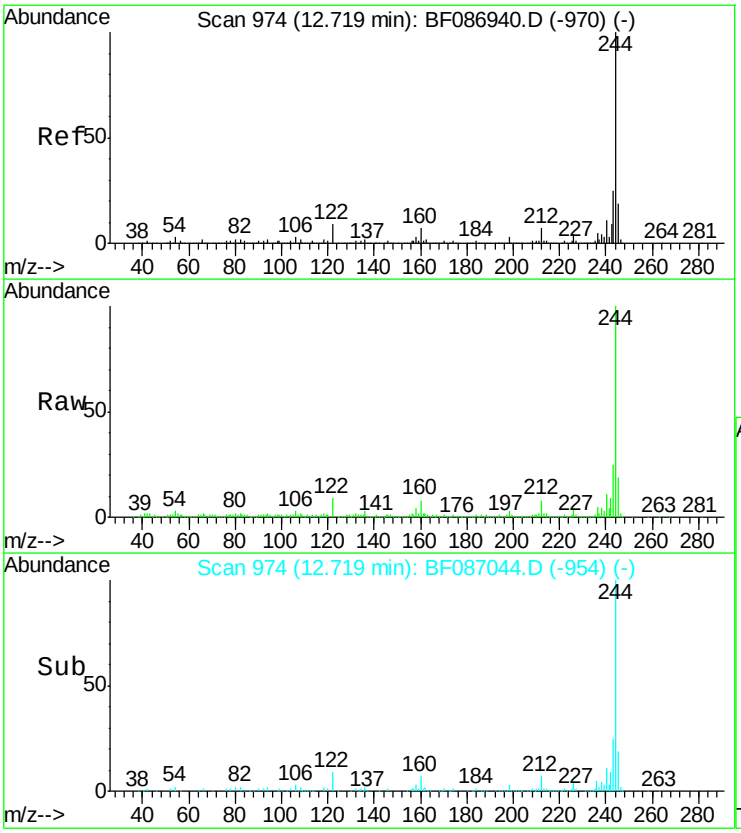
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:240 Resp: 289416

Ion	Ratio	Lower	Upper
240	100		
120	8.1	11.2	16.8#
236	26.6	21.2	31.8

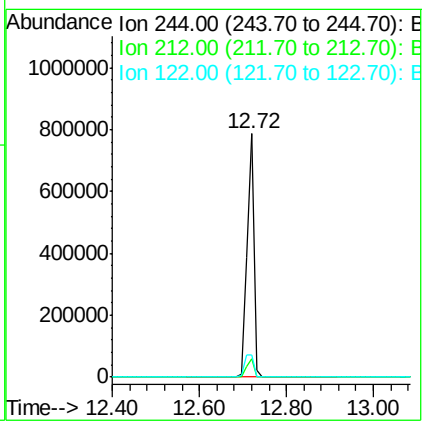


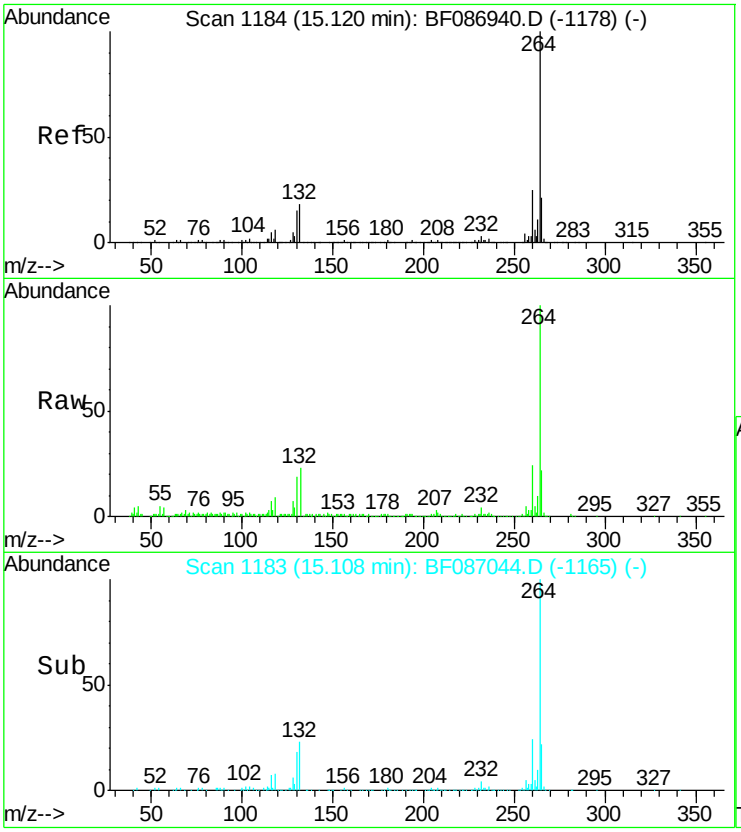


#78
Terphenyl-d14
Concen: 61.02 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Tgt Ion:244 Resp: 832312

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.1	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: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:264 Resp: 300497

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.2	17.3	25.9