Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Time: May 16 04:45:31 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	140818	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	524566	20.00	ng	-0.09
38) Acenaphthene-d10	9.66	164	256535	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	477953	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	344292	20.00	ng	-0.09
86) Perylene-d12	15.11	264	304270	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	544257	65.45	ng	-0.09
7) Phenol-d6	6.30	99	464788	41.82	ng	-0.07
23) Nitrobenzene-d5	7.19	82	955898	91.50	ng	-0.08
41) 2,4,6-Tribromophenol	10.46	330	414910	152.77	ng	-0.07
44) 2-Fluorobiphenyl	8.98	172	1515360	99.28	ng	-0.08
78) Terphenyl-d14	12.72	244	1467673	90.45	ng	-0.08
Target Compounds						Qvalue
15) Benzyl Alcohol	6.76	79	22519	2.93	ng	# 45
18) Hexachloroethane	7.19	117	251613	60.39	ng	# 16
22) Acetophenone	6.96	105	80883	6.53	ng	# 66
24) Nitrobenzene	7.15	77	61961	5.77	ng	# 18
25) Isophorone	7.62	82	53341	2.75	ng	# 47
32) Benzoic acid	7.75	122	10127	2.14	ng	# 34
35) Caprolactam	8.35	113	10349	4.29	ng	# 1
36) 4-Chloro-3-methylphenol	8.55	107	17974	2.09	ng	# 32
47) 2-Nitroaniline	9.23	65	13187	2.26	ng	# 26
50) 2,6-Dinitrotoluene	9.42	165	9073	2.20	ng	# 1
52) 3-Nitroaniline	9.67	138	29446	6.79	ng	# 28
53) 2,4-Dinitrophenol	9.71	184	1902	8.51	ng	# 1
55) 4-Nitrophenol	9.80	139	3869	5.82	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	3604	Below Cal		# 1
61) 4-Nitroaniline	10.26	138	13801	3.31	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.27	198	6810	2.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.44	248	22965	4.74	ng	# 1

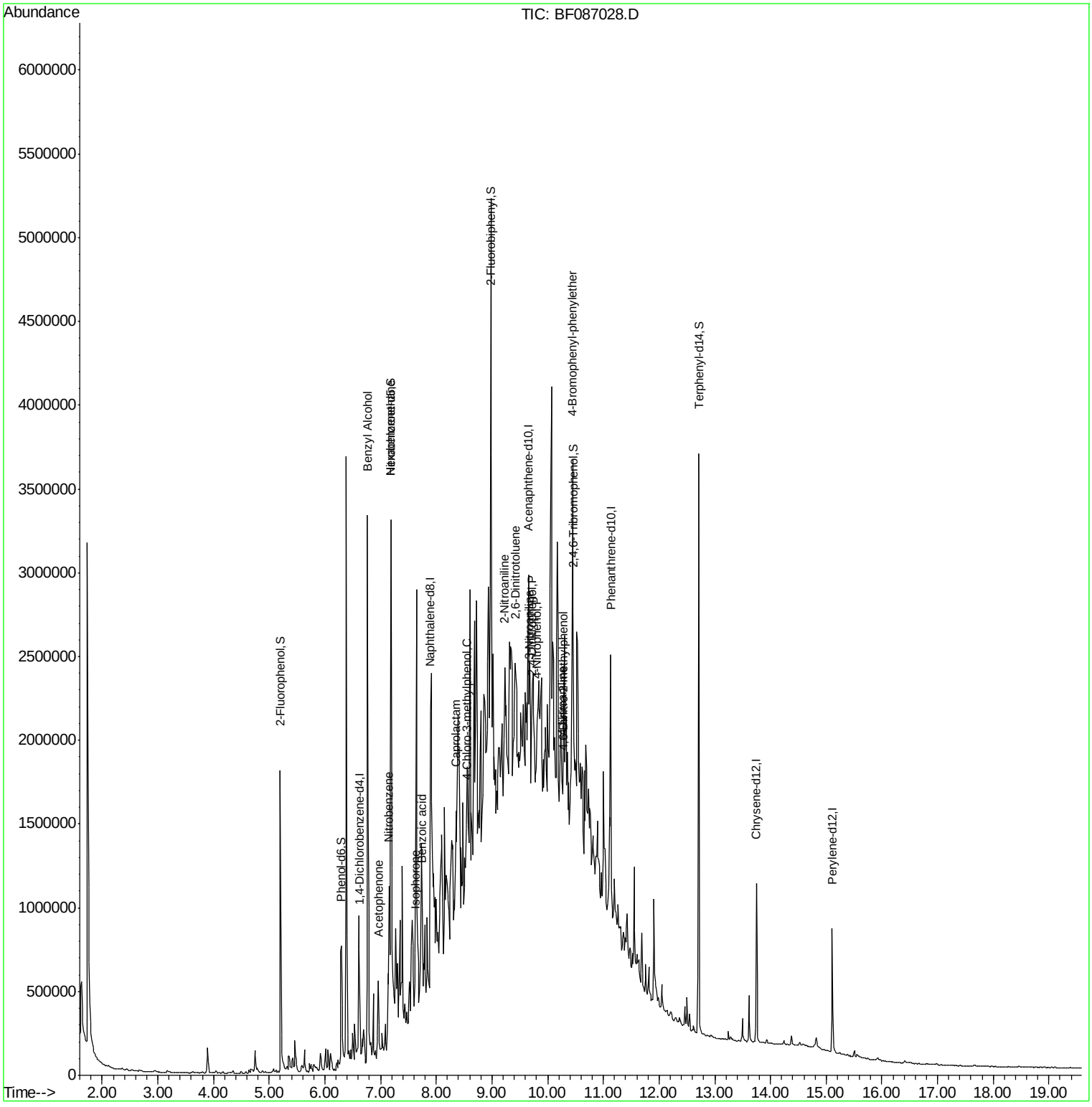
(#) = qualifier out of range (m) = manual integration (+) = signals summed

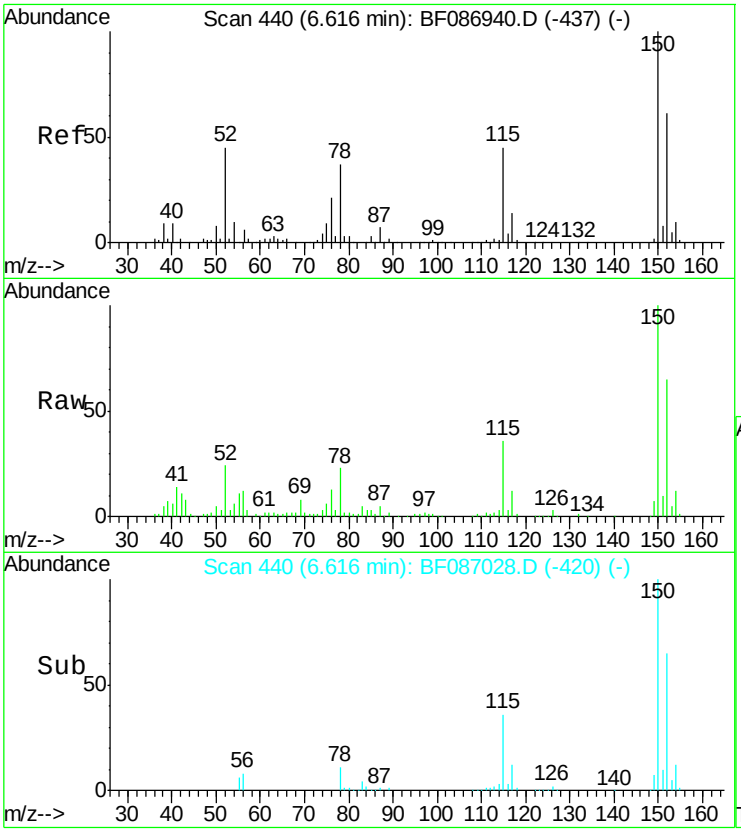
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: May 16 04:45:31 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



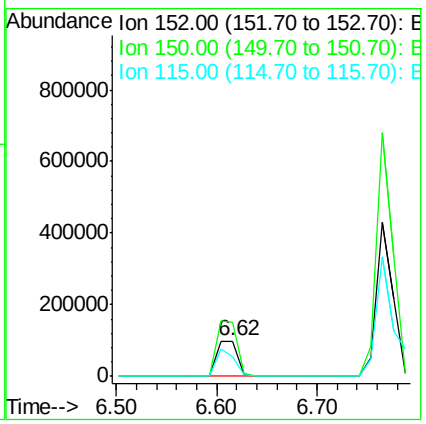


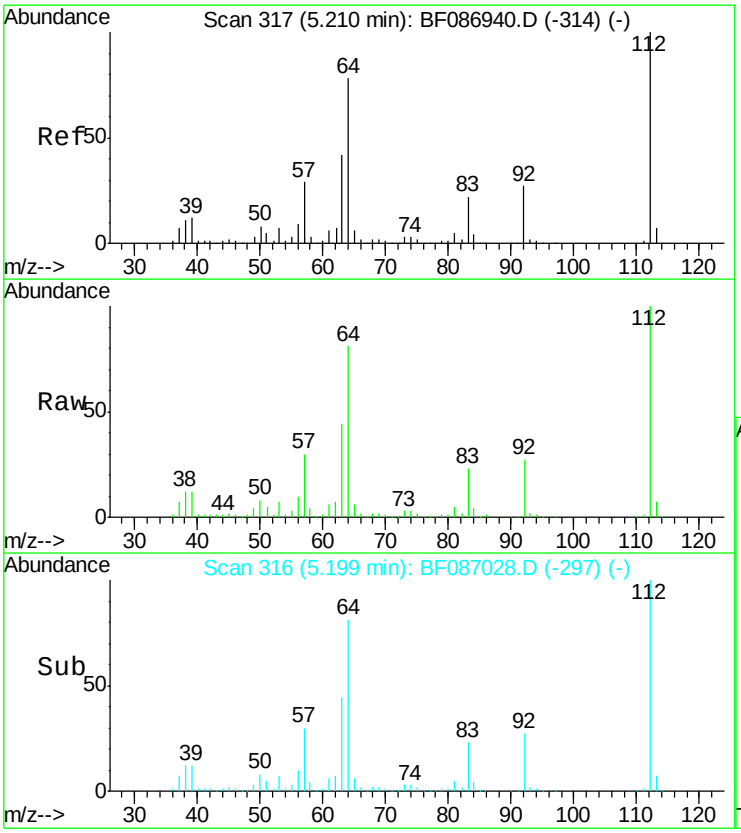
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 140818

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.8	188.6
115	56.0	51.5	77.3

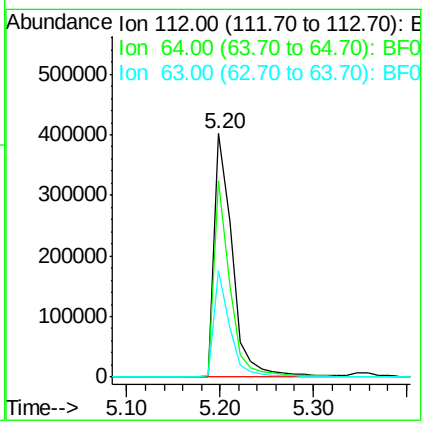


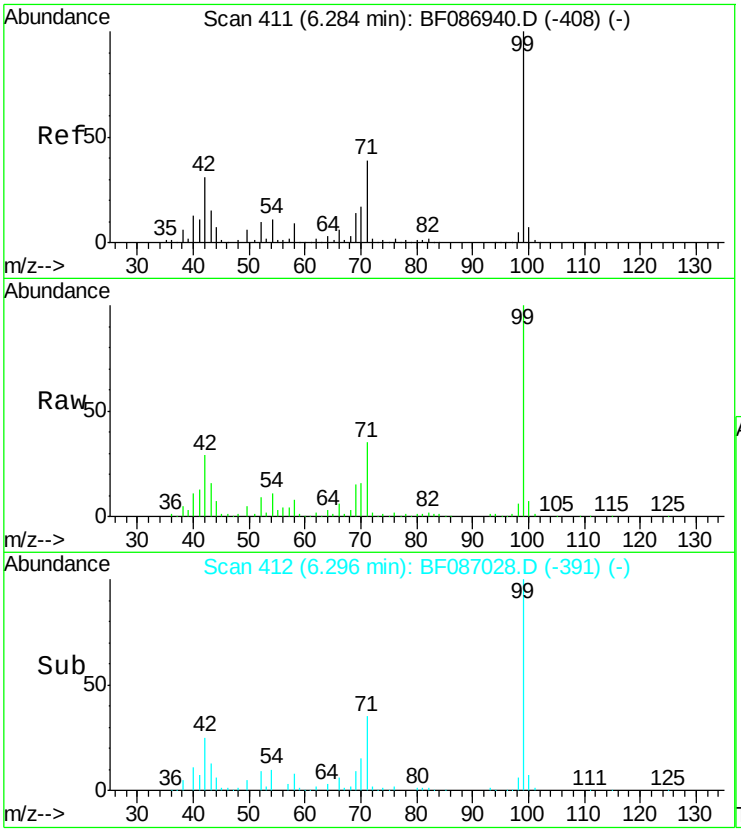


#5
2-Fluorophenol
Concen: 65.45 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:112 Resp: 544257

Ion	Ratio	Lower	Upper
112	100		
64	80.6	52.1	78.1#
63	43.7	25.7	38.5#



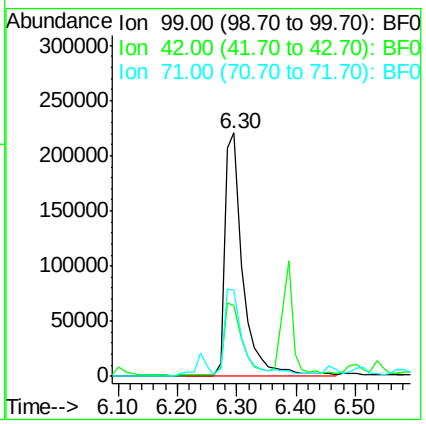


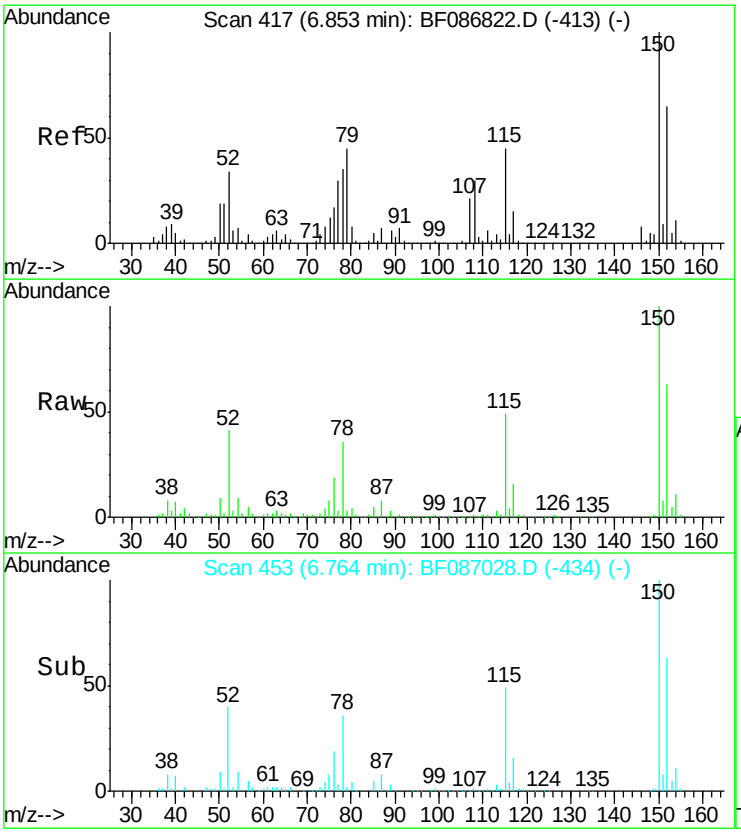
#7
Phenol-d6
Concen: 41.82 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.07 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 99 Resp: 464788

Ion	Ratio	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	35.4	24.6	36.8

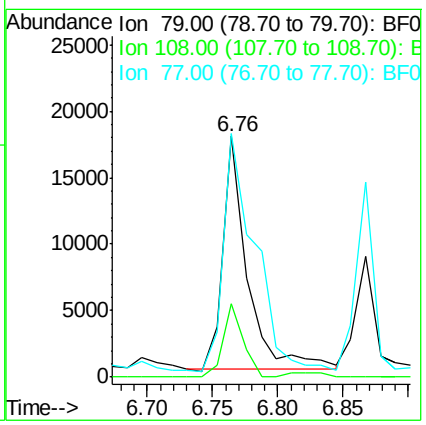


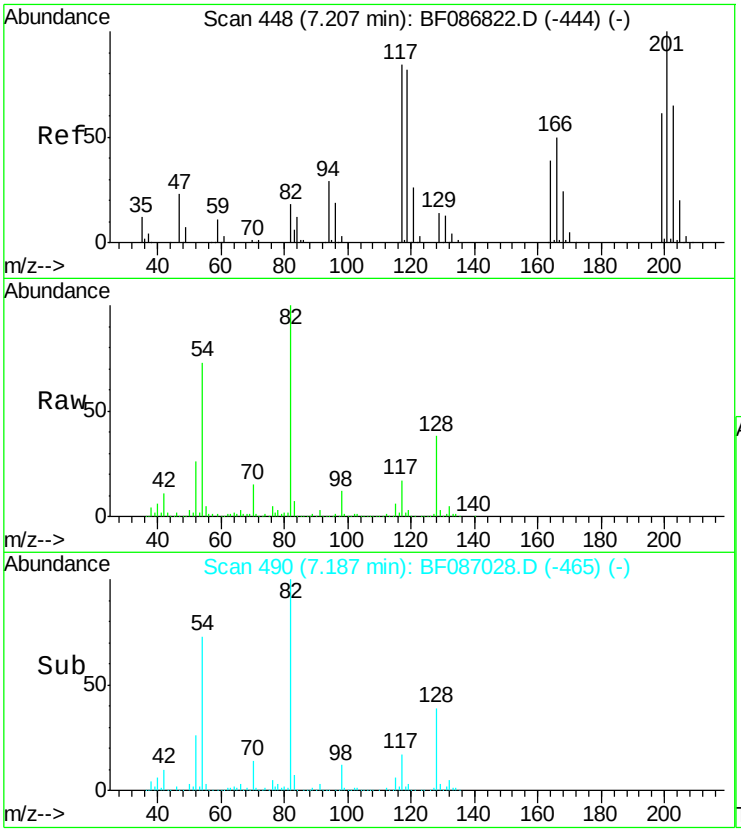


#15
Benzyl Alcohol
Concen: 2.93 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion: 79 Resp: 22519

Ion	Ratio	Lower	Upper
79	100		
108	30.4	68.4	102.6#
77	101.1	50.6	76.0#



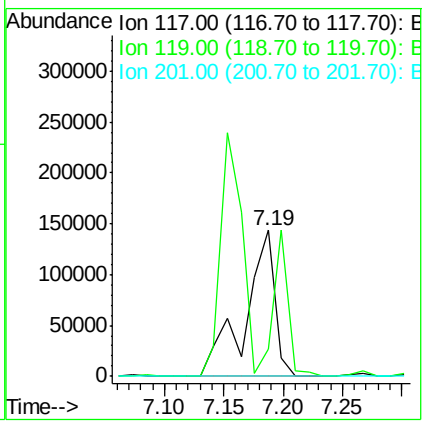


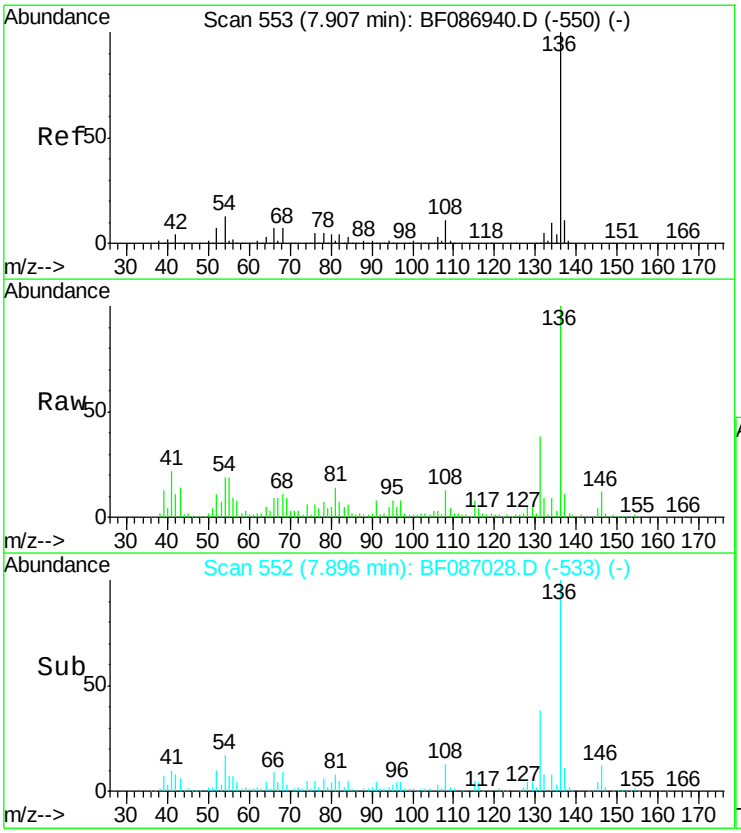
#18
Hexachloroethane
Concen: 60.39 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:117 Resp: 251613

Ion	Ratio	Lower	Upper
117	100		
119	18.7	76.5	114.7#
201	0.0	63.0	94.6#

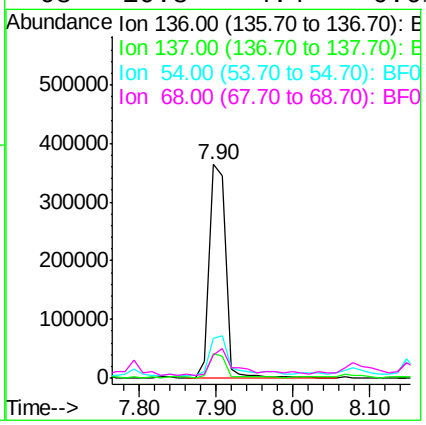


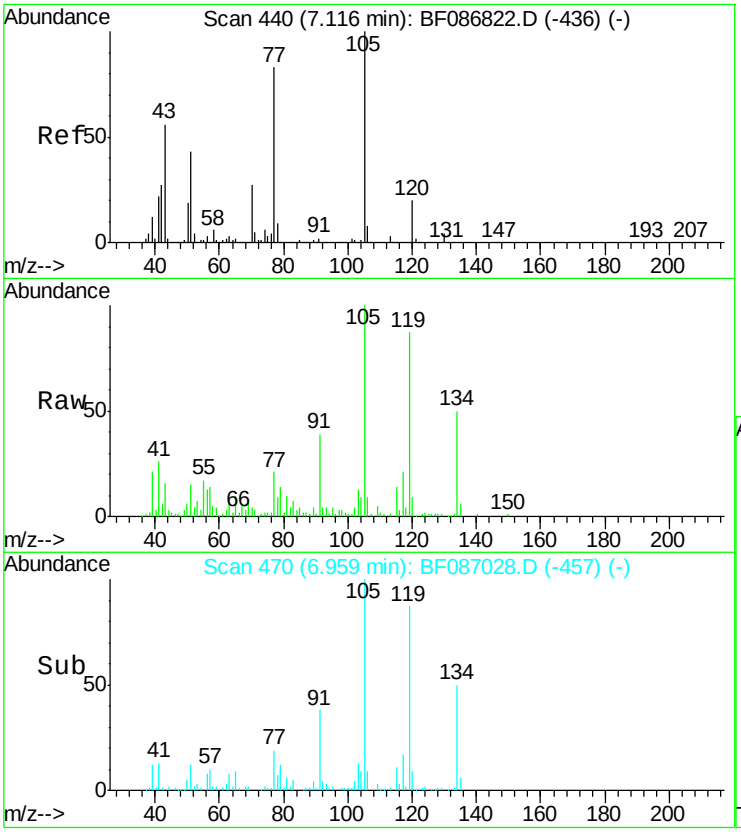


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:136 Resp: 524566

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	18.6	5.0	7.4#
68	10.8	4.4	6.6#



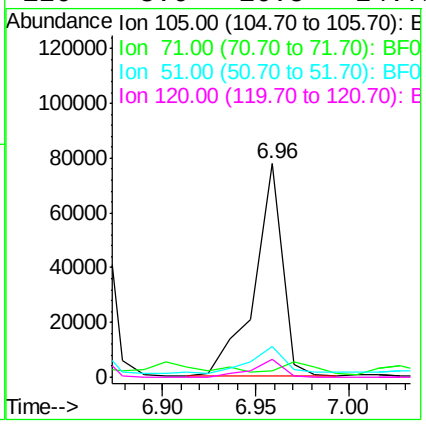


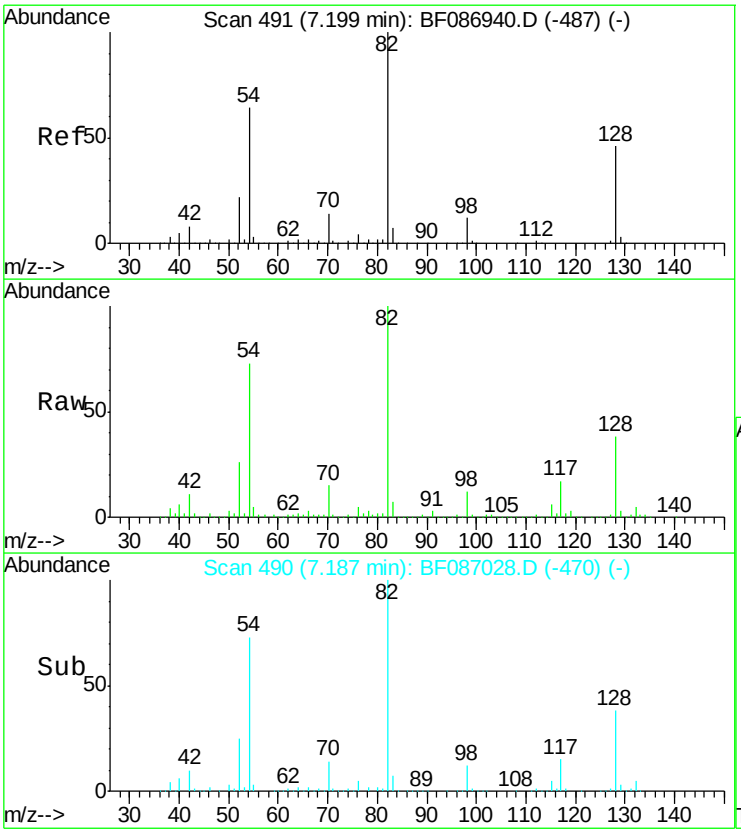
#22
Acetophenone
Concen: 6.53 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.16 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:105 Resp: 80883

Ion	Ratio	Lower	Upper
105	100		
71	3.0	4.8	7.2#
51	14.6	32.6	49.0#
120	8.6	16.5	24.7#

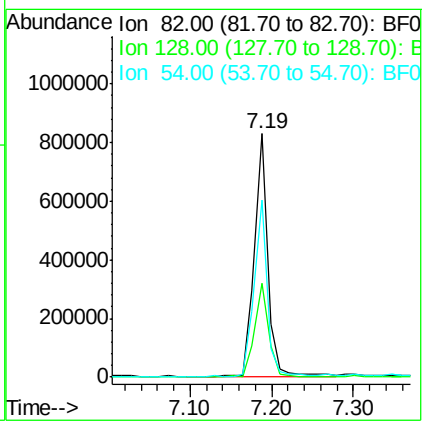


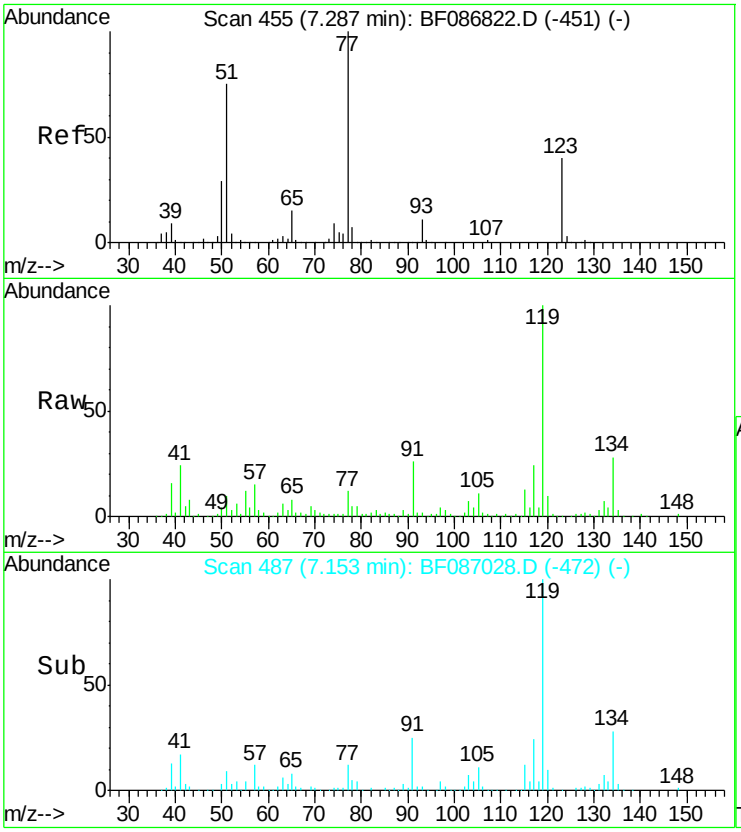


#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion: 82 Resp: 955898

Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	72.7	38.1	57.1#



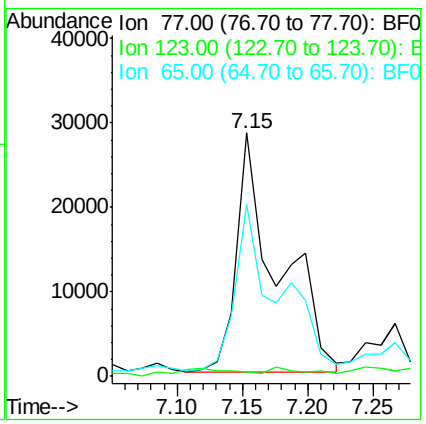


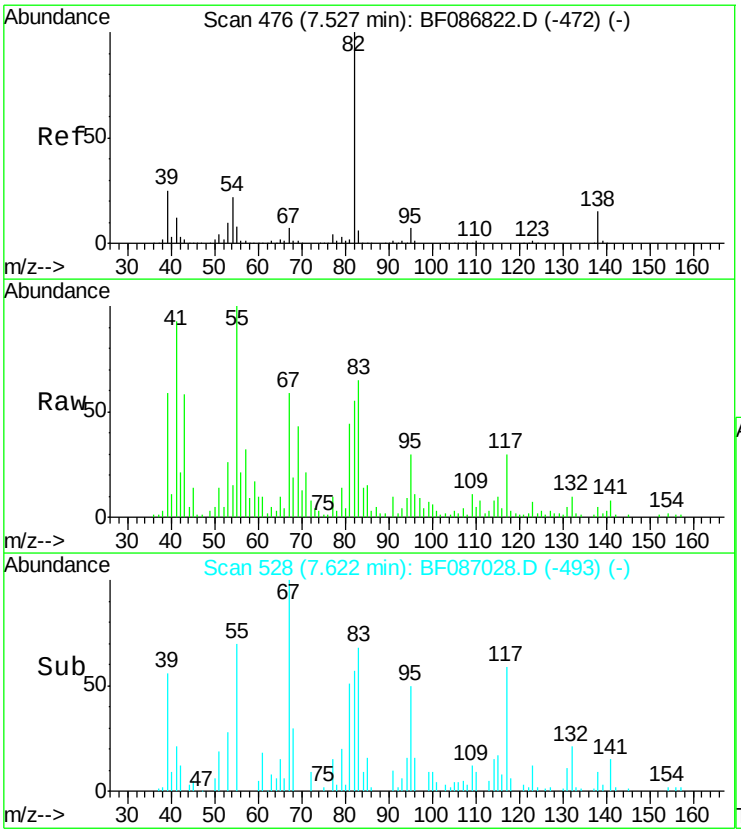
#24
Nitrobenzene
Concen: 5.77 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.13 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 77 Resp: 61961

Ion	Ratio	Lower	Upper
77	100		
123	1.7	33.0	49.4#
65	70.4	10.8	16.2#

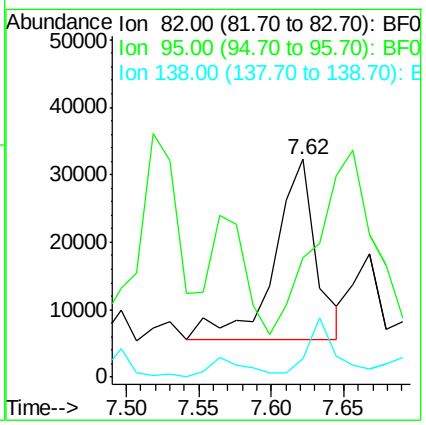


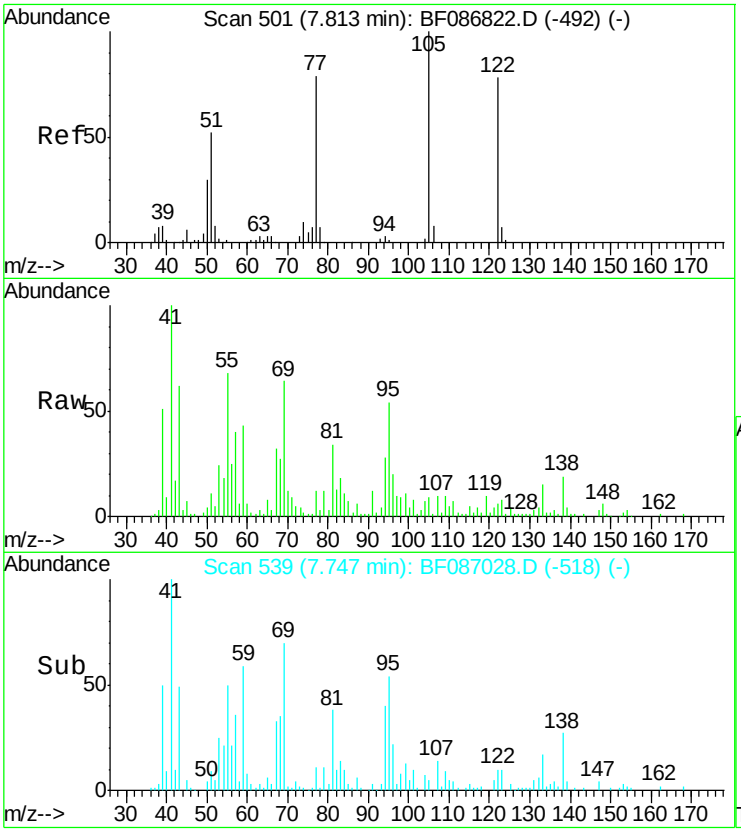


#25
Isophorone
Concen: 2.75 ng
RT: 7.62 min Scan# 528
Delta R.T. 0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion: 82 Resp: 53341

Ion	Ratio	Lower	Upper
82	100		
95	54.7	5.1	7.7#
138	8.6	12.4	18.6#



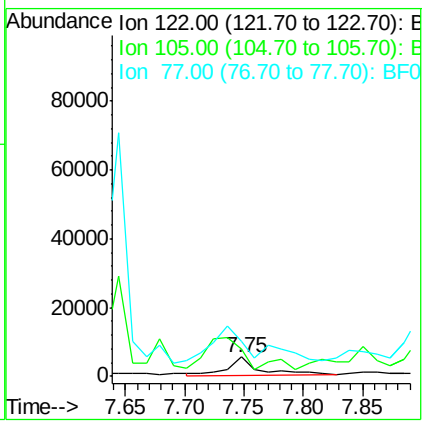


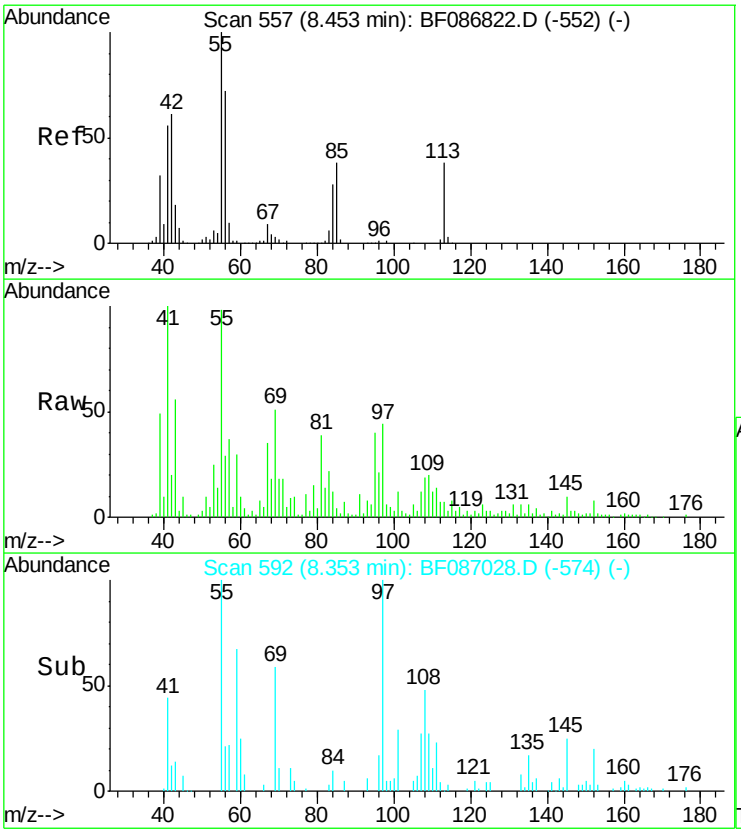
#32
Benzoic acid
Concen: 2.14 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.07 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:122 Resp: 10127

Ion	Ratio	Lower	Upper
122	100		
105	144.0	92.6	132.6#
77	183.0	60.0	100.0#

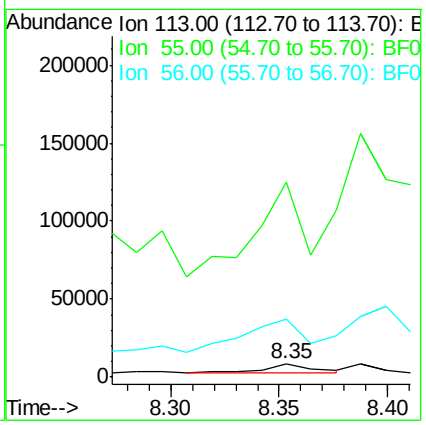


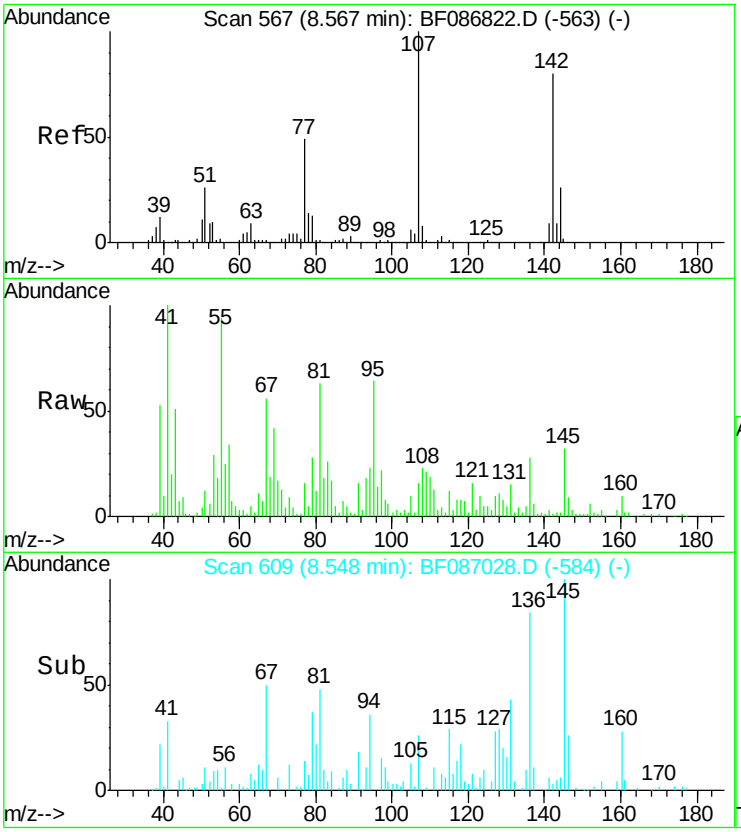


#35
Caprolactam
Concen: 4.29 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.10 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:113 Resp: 10349

Ion	Ratio	Lower	Upper
113	100		
55	1459.0	162.0	202.0#
56	436.0	115.3	155.3#



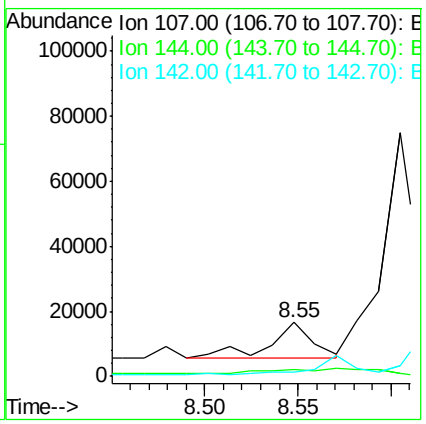


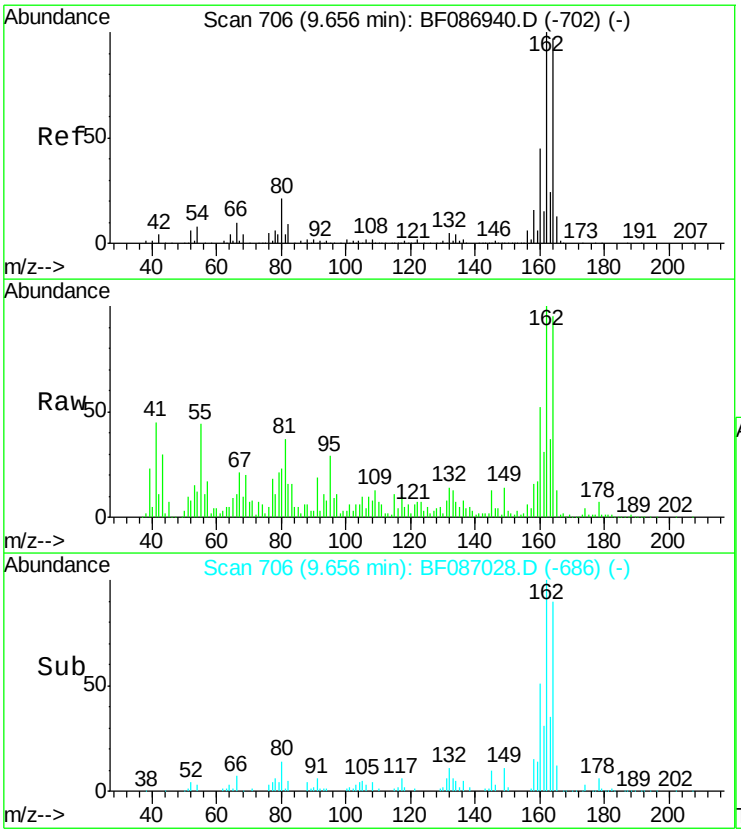
#36
4-Chloro-3-methylphenol
Concen: 2.09 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:107 Resp: 17974

Ion	Ratio	Lower	Upper
107	100		
144	11.7	20.7	31.1#
142	7.4	63.2	94.8#

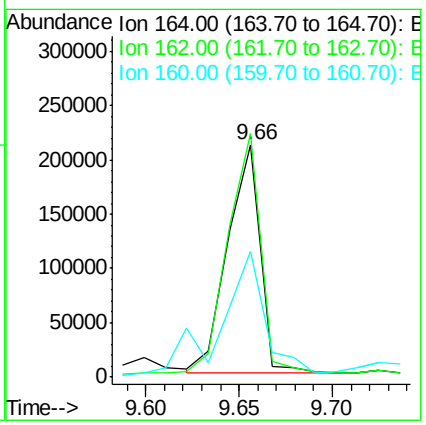


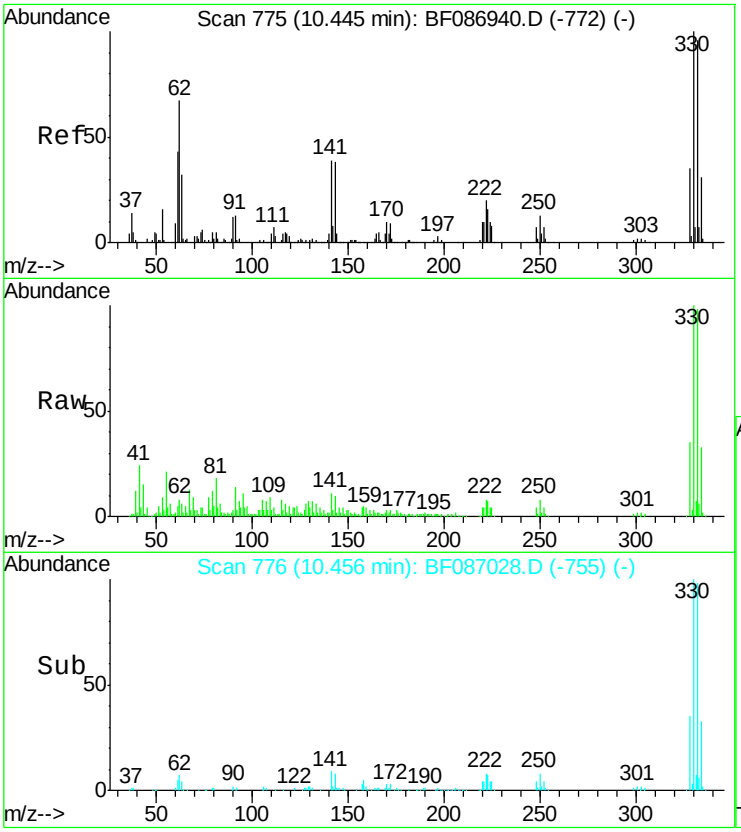


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:164 Resp: 256535

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	54.3	36.9	55.3



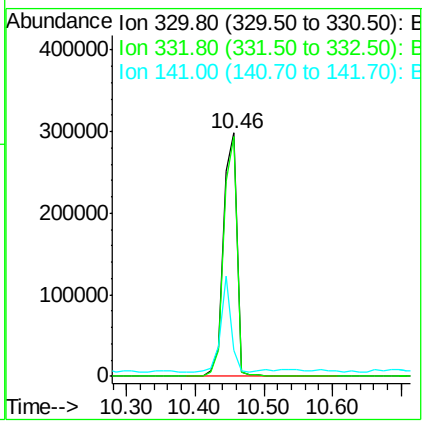


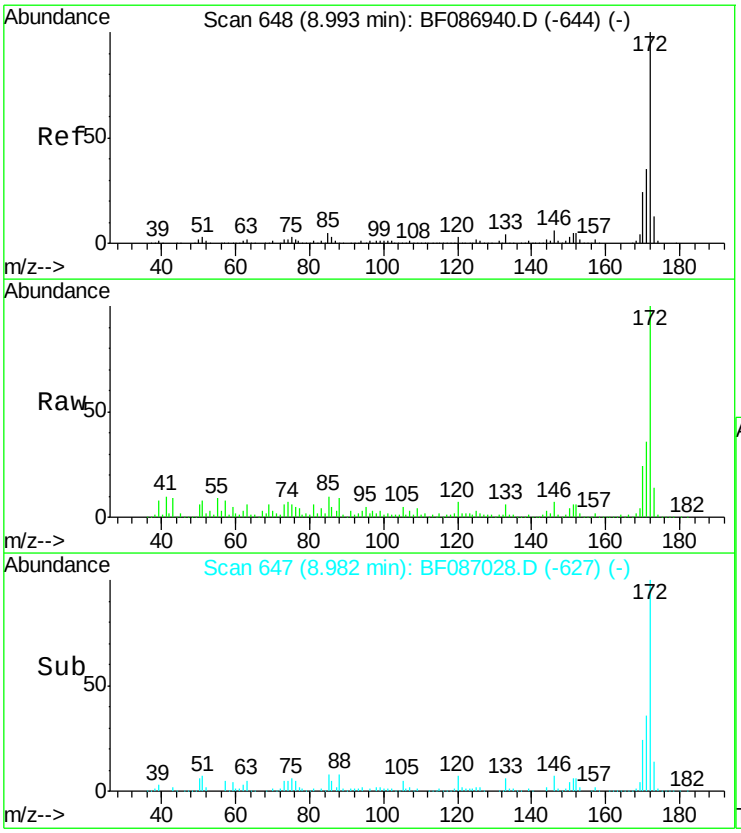
#41
2,4,6-Tribromophenol
Concen: 152.77 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:330 Resp: 414910

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	31.3	31.2	46.8

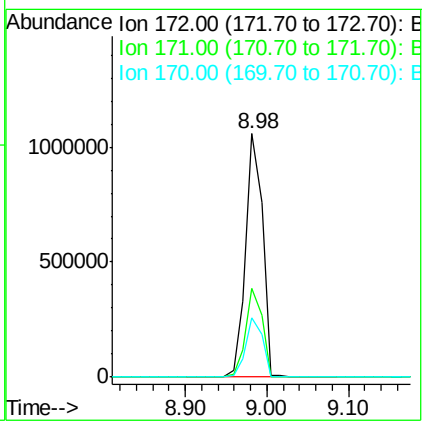


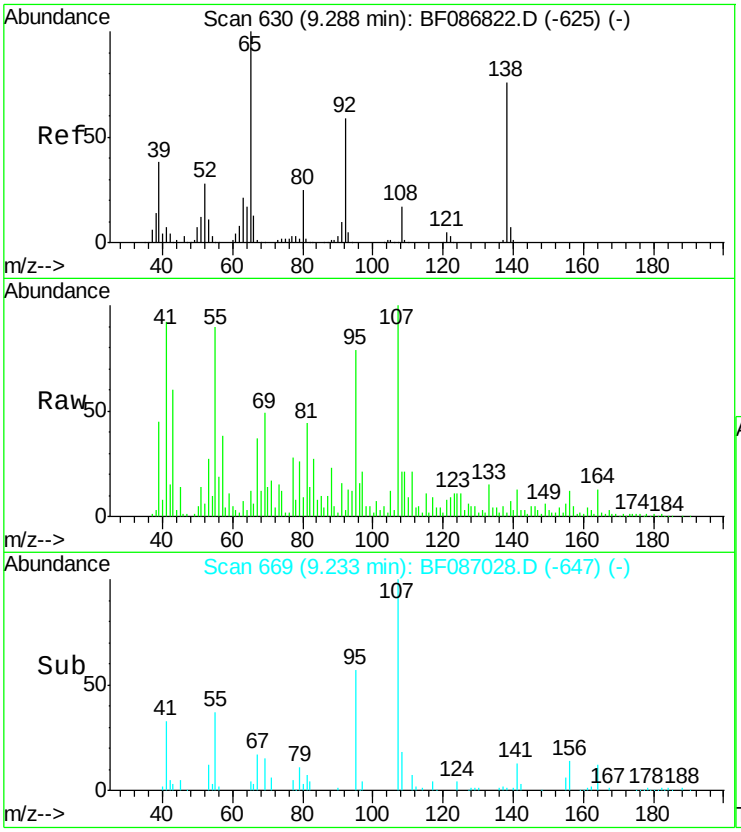


#44
2-Fluorobiphenyl
Concen: 99.28 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:172 Resp: 1515360

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8



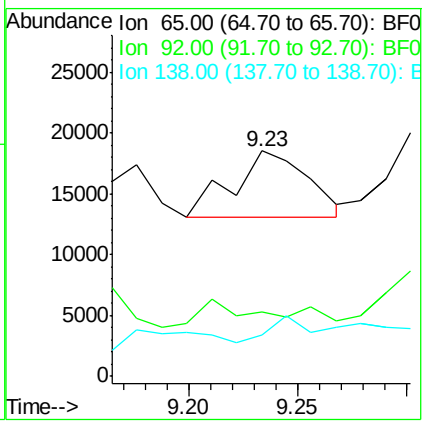


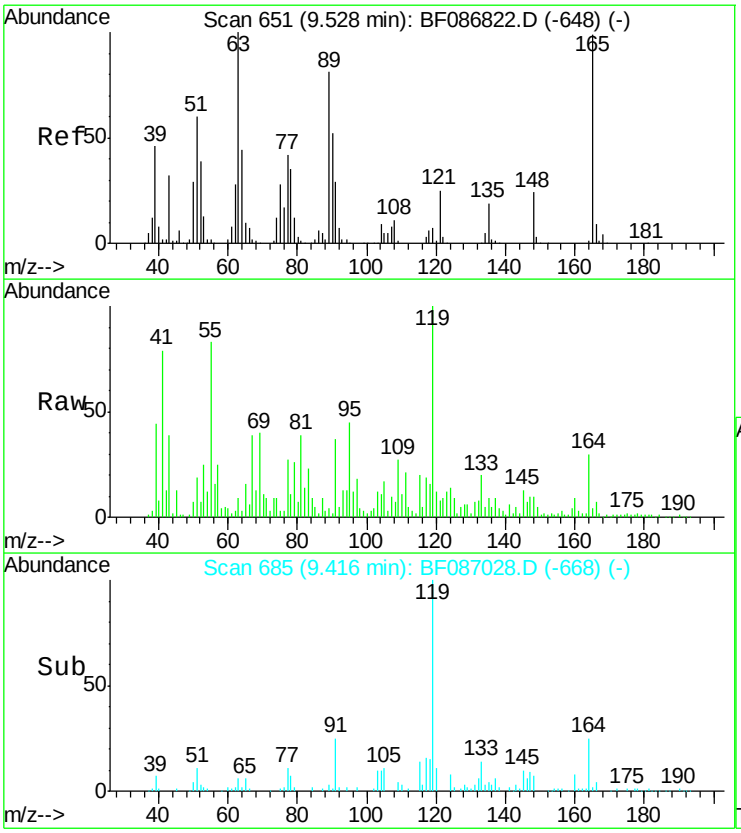
#47
2-Nitroaniline
Concen: 2.26 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 65 Resp: 13187

Ion	Ratio	Lower	Upper
65	100		
92	28.8	57.4	86.2#
138	18.5	90.1	135.1#

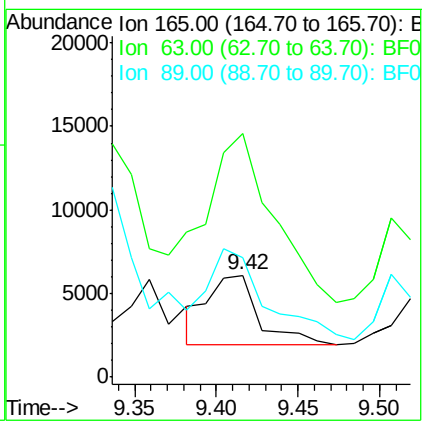


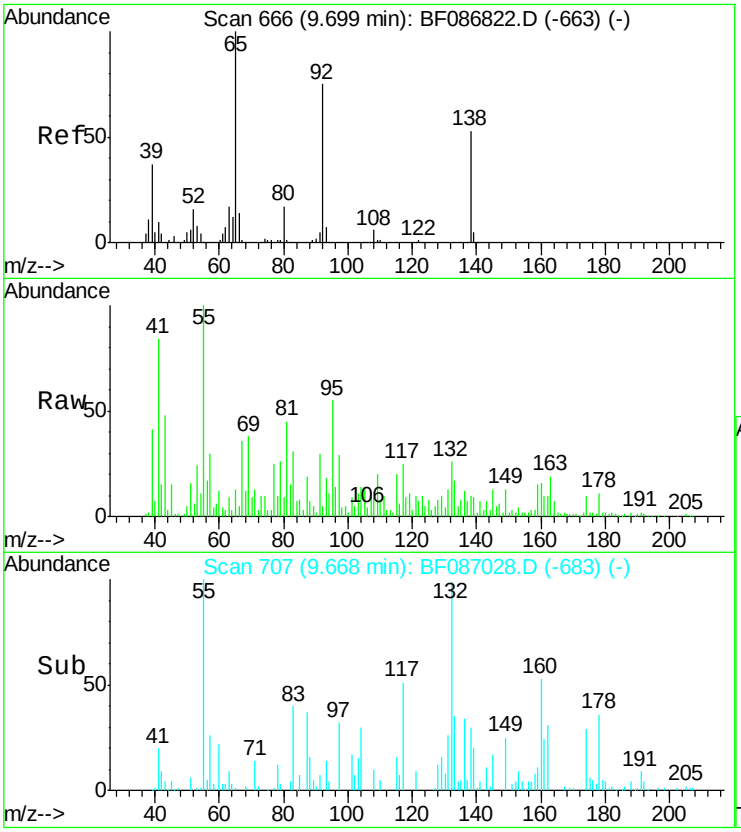


#50
2,6-Dinitrotoluene
Concen: 2.20 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.11 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:165 Resp: 9073

Ion	Ratio	Lower	Upper
165	100		
63	239.1	51.8	77.8#
89	116.7	50.7	76.1#



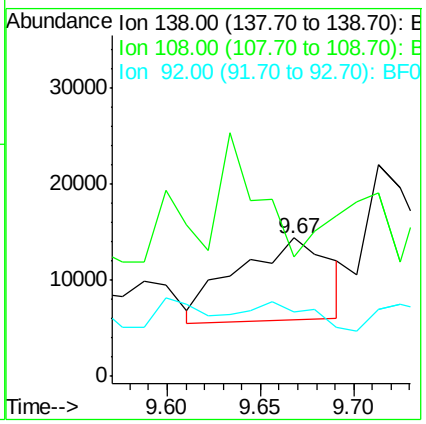


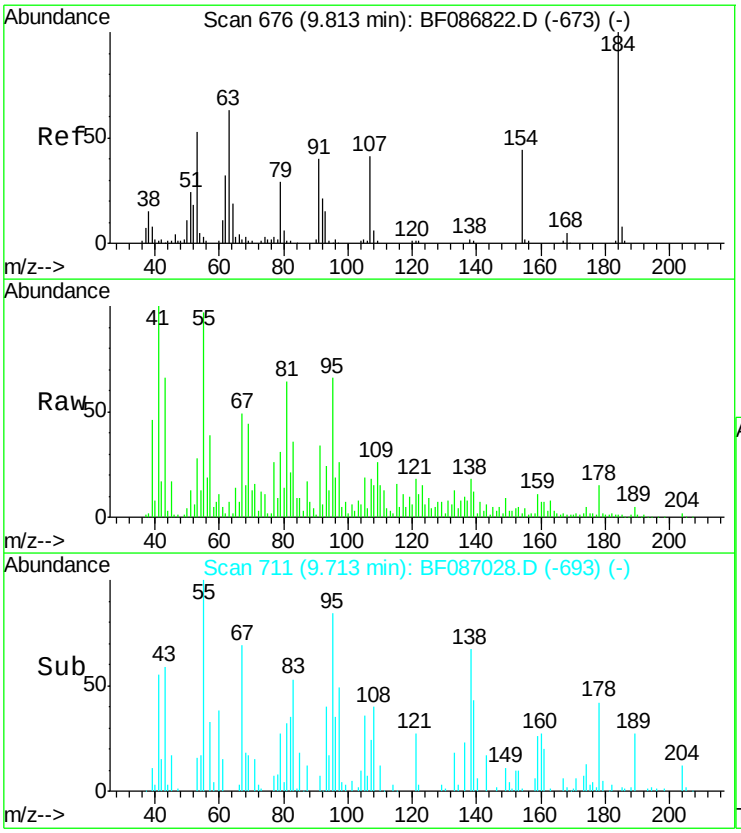
#52
3-Nitroaniline
Concen: 6.79 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:138 Resp: 29446

Ion	Ratio	Lower	Upper
138	100		
108	86.8	7.8	11.6#
92	46.6	87.8	131.8#

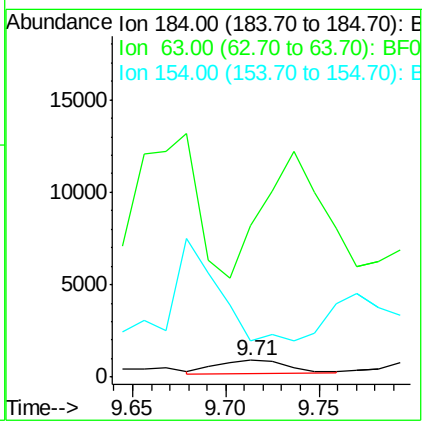


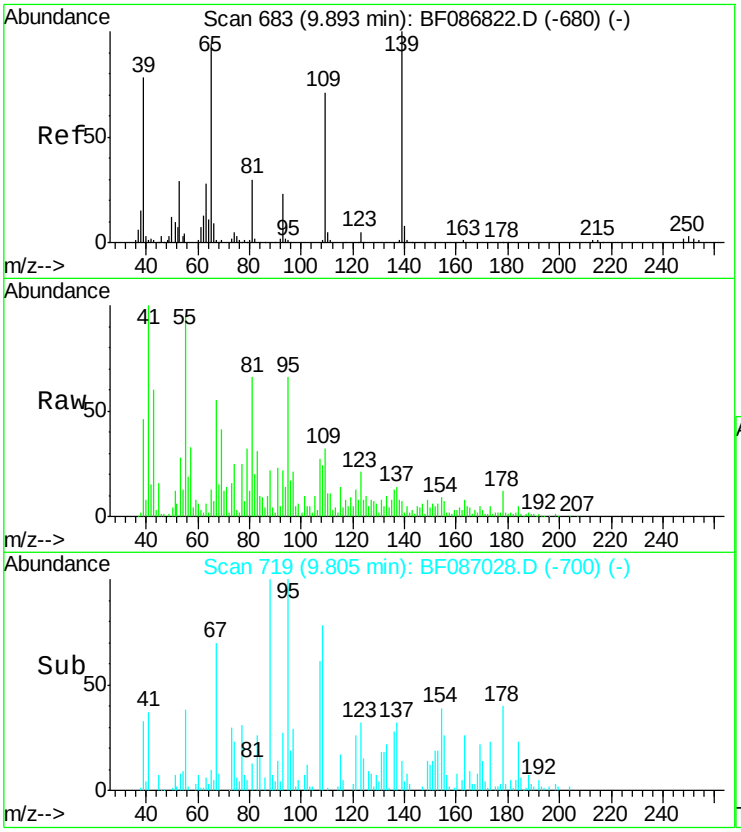


#53
2,4-Dinitrophenol
Concen: 8.51 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.10 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:184 Resp: 1902

Ion	Ratio	Lower	Upper
184	100		
63	899.8	55.8	83.8#
154	215.2	62.4	93.6#



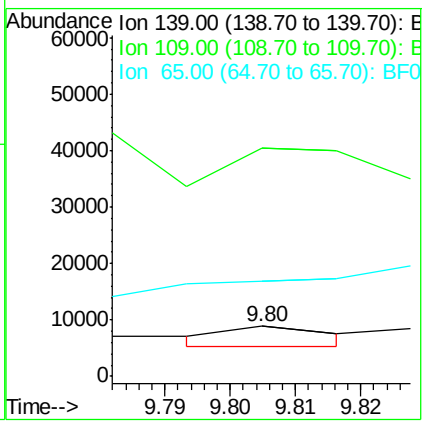


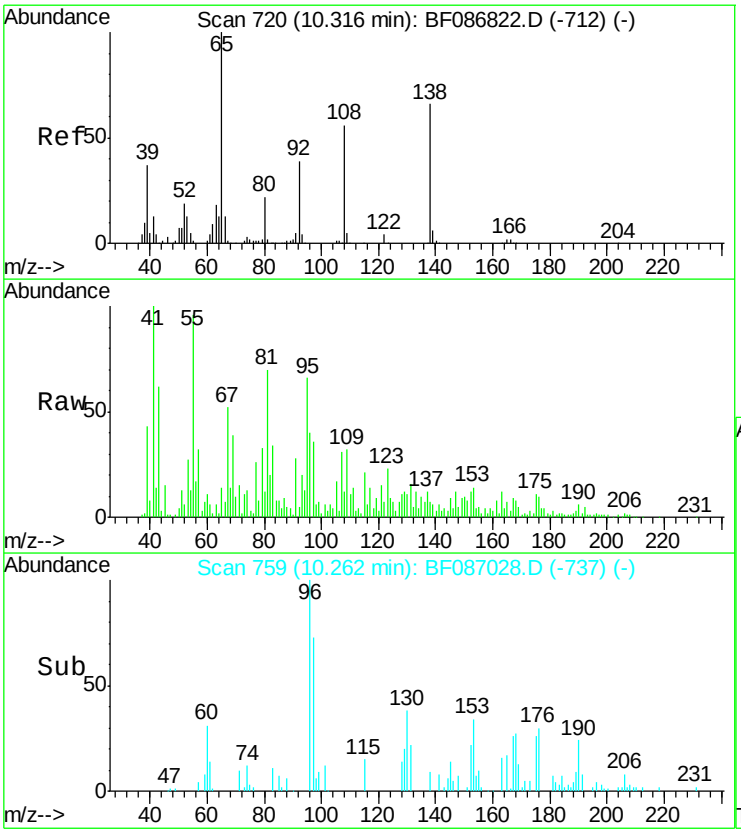
#55
4-Nitrophenol
Concen: 5.82 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:139 Resp: 3869

Ion	Ratio	Lower	Upper
139	100		
109	457.3	36.9	76.9#
65	191.2	64.0	104.0#

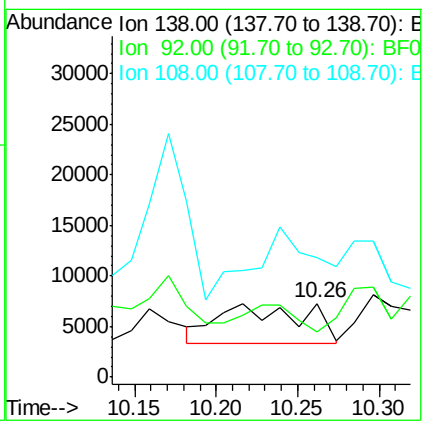


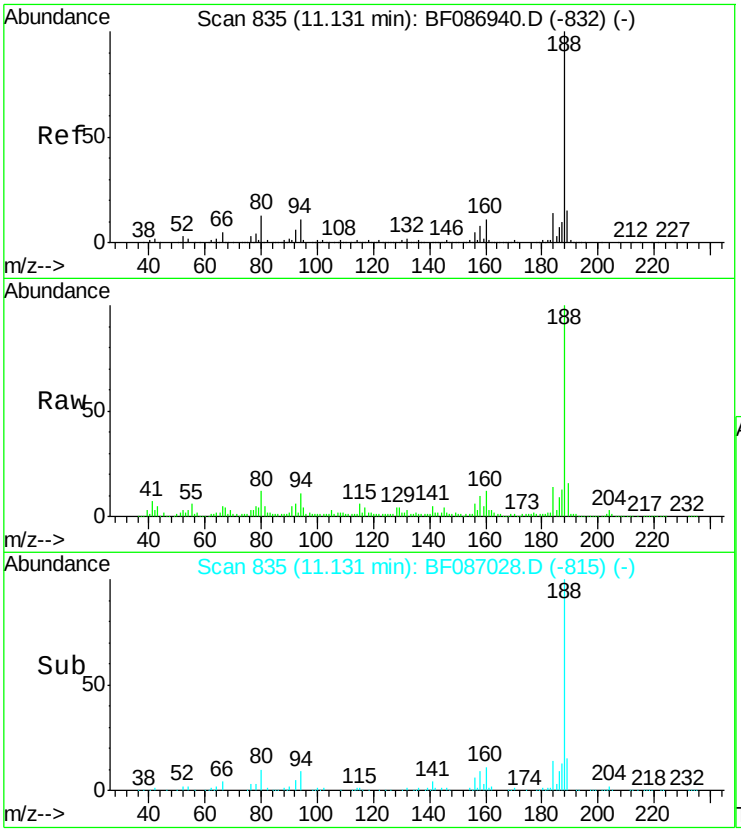


#61
4-Nitroaniline
Concen: 3.31 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:138 Resp: 13801

Ion	Ratio	Lower	Upper
138	100		
92	60.7	24.7	64.7
108	162.5	37.4	77.4#



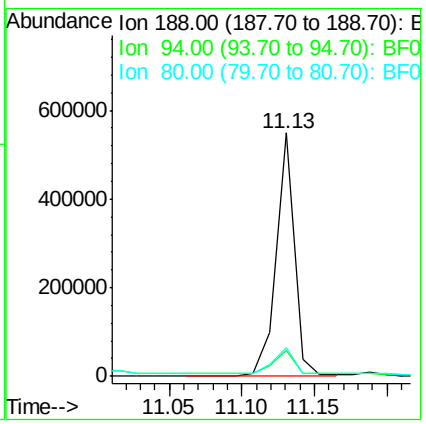


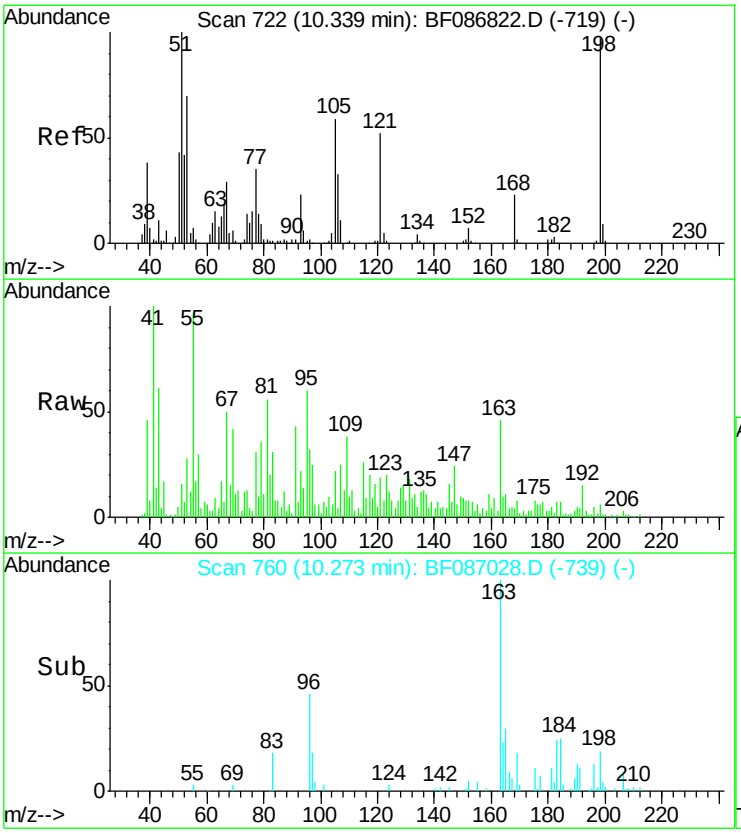
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:188 Resp: 477953

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	11.6	7.1	10.7#

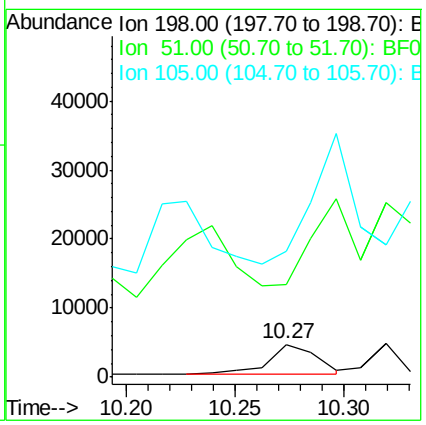


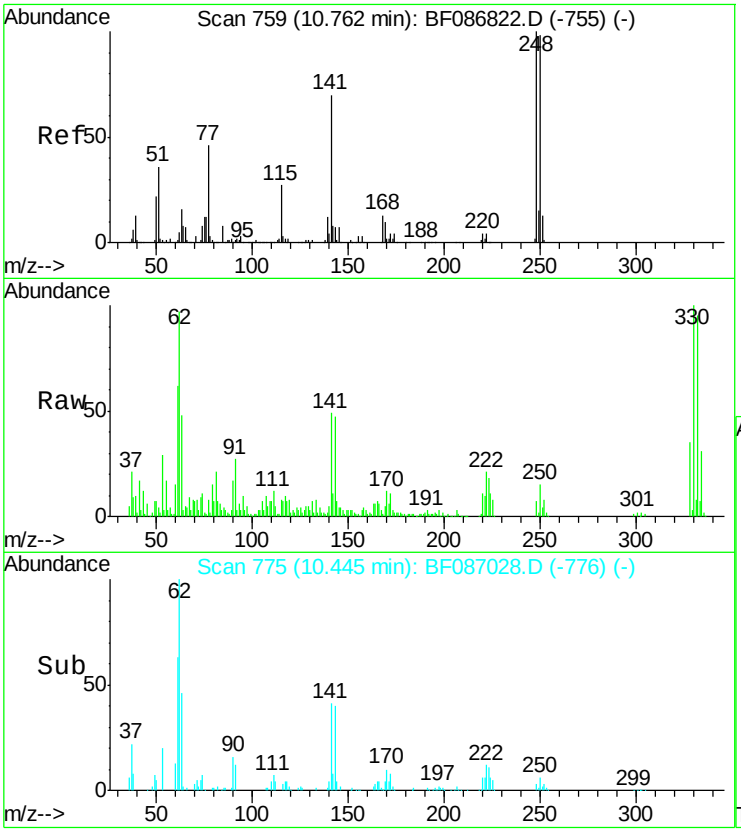


#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.07 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:198 Resp: 6810

Ion	Ratio	Lower	Upper
198	100		
51	284.3	20.5	60.5#
105	382.8	24.5	64.5#



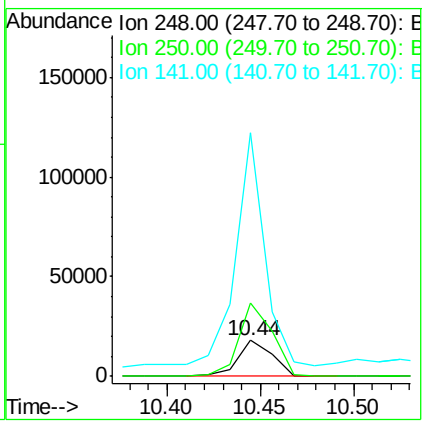


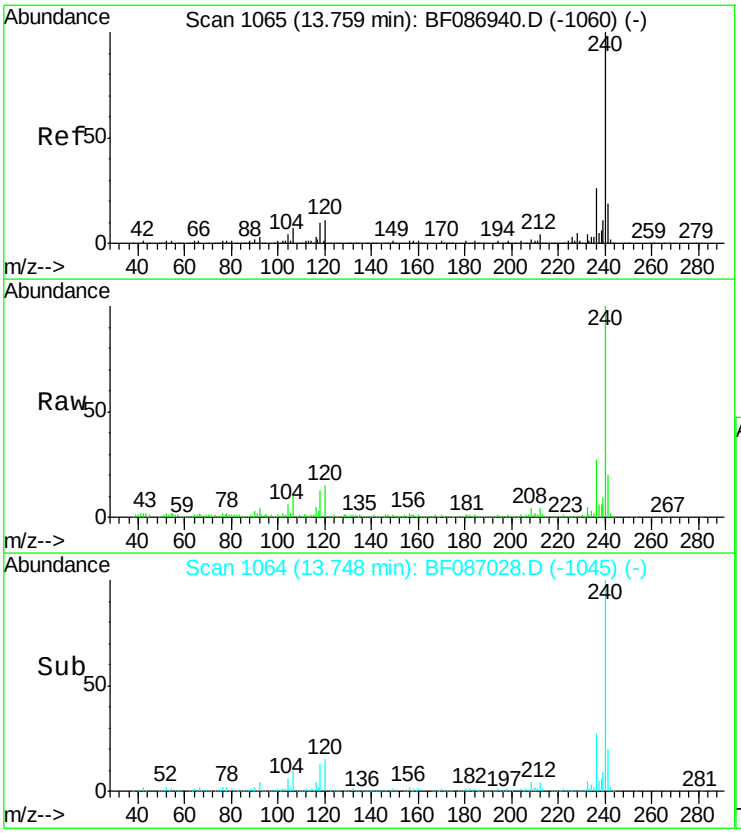
#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:248 Resp: 22965

Ion	Ratio	Lower	Upper
248	100		
250	202.6	78.6	117.8#
141	673.2	76.0	114.0#

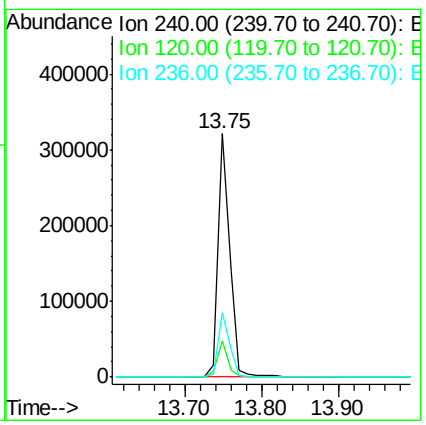


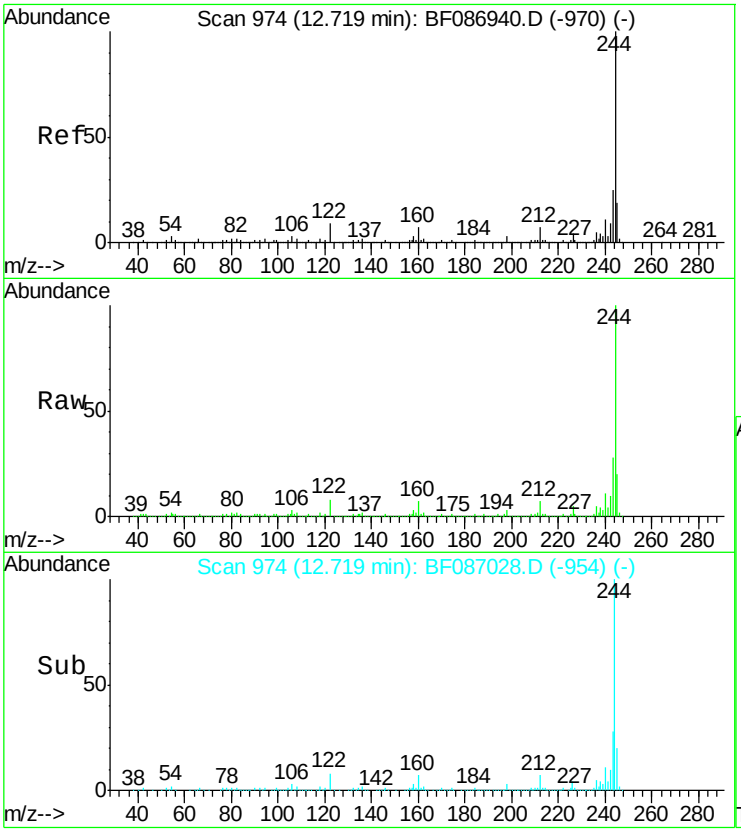


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:240 Resp: 344292

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.6	21.2	31.8



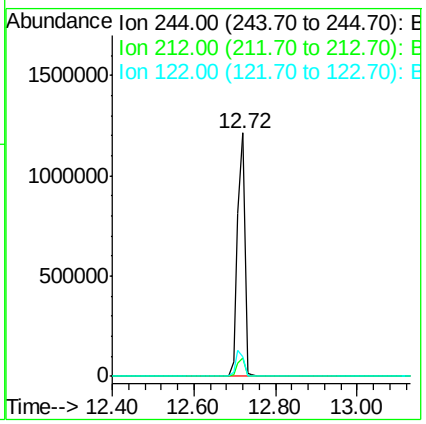


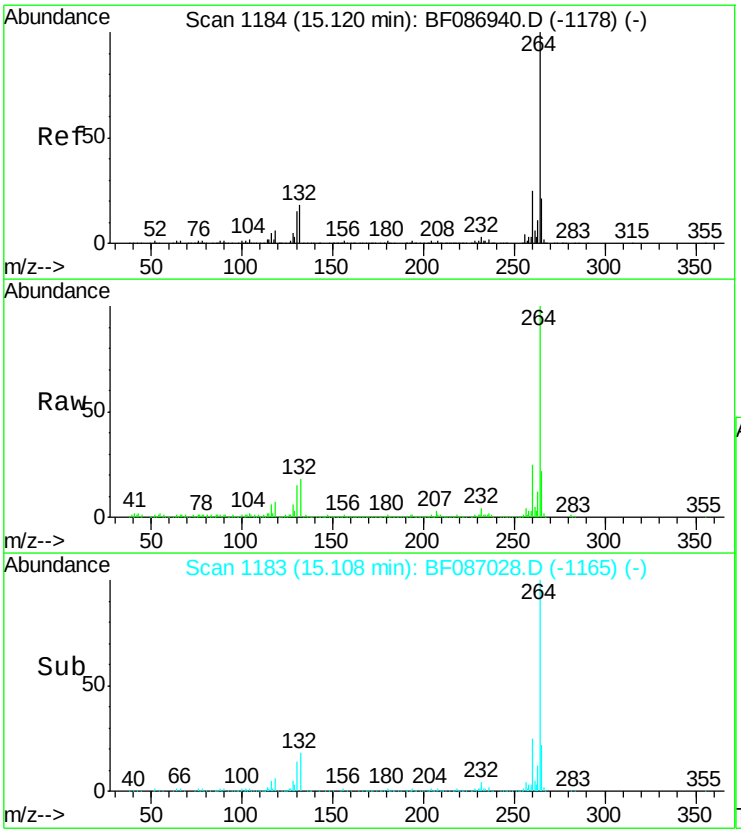
#78
Terphenyl-d14
Concen: 90.45 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF087028.D
Acq: 14 May 2016 19:09

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:244 Resp: 1467673

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.9	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: BF087028.D
Acq: 14 May 2016 19:09

Tgt Ion:264 Resp: 304270

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.9	17.3	25.9