Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
Acq On : 15 May 2016 8:43
Operator : UM/SJ
Sample : H3053-05
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Time: May 16 04:55:09 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	147469	20.00	ng		-0.08
21) Naphthalene-d8	7.90	136	585409	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	296907	20.00	ng		-0.09
63) Phenanthrene-d10	11.12	188	514406	20.00	ng		-0.09
75) Chrysene-d12	13.75	240	333542	20.00	ng		-0.09
86) Perylene-d12	15.11	264	334815	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	627970	72.12	ng		-0.08
7) Phenol-d6	6.28	99	476599	40.95	ng		-0.08
23) Nitrobenzene-d5	7.19	82	1005200	86.22	ng		-0.08
41) 2,4,6-Tribromophenol	10.44	330	383698	122.07	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1733514	98.13	ng		-0.08
78) Terphenyl-d14	12.71	244	1252781	79.69	ng		-0.09
Target Compounds							Qvalue
3) Pyridine	2.91	79	31905	3.05	ng	#	49
9) Benzaldehyde	6.16	77	113994	16.92	ng	#	1
15) Benzyl Alcohol	6.76	79	19388	2.41	ng	#	42
18) Hexachloroethane	7.08	117	34729	7.96	ng	#	1
19) n-Nitroso-di-n-propylamine	7.19	70	149669	18.40	ng	#	74
22) Acetophenone	7.02	105	82872	5.99	ng	#	51
24) Nitrobenzene	7.15	77	63841	5.32	ng	#	14
25) Isophorone	7.19	82	981225	45.36	ng	#	68
31) Naphthalene	7.92	128	506907	17.29	ng		97
33) 4-Chloroaniline	7.92	127	80373	7.05	ng	#	36
35) Caprolactam	8.35	113	70483	26.21	ng	#	50
37) 2-Methylnaphthalene	8.62	142	233882	13.64	ng		98
50) 2,6-Dinitrotoluene	9.64	165	38286	8.03	ng	#	21
56) 2,4-Dinitrotoluene	9.64	165	38288	6.49	ng	#	16
66) 4-Bromophenyl-phenylether	10.43	248	21659	4.15	ng	#	1
76) Benzidine	12.71	184	20050	2.36	ng		99

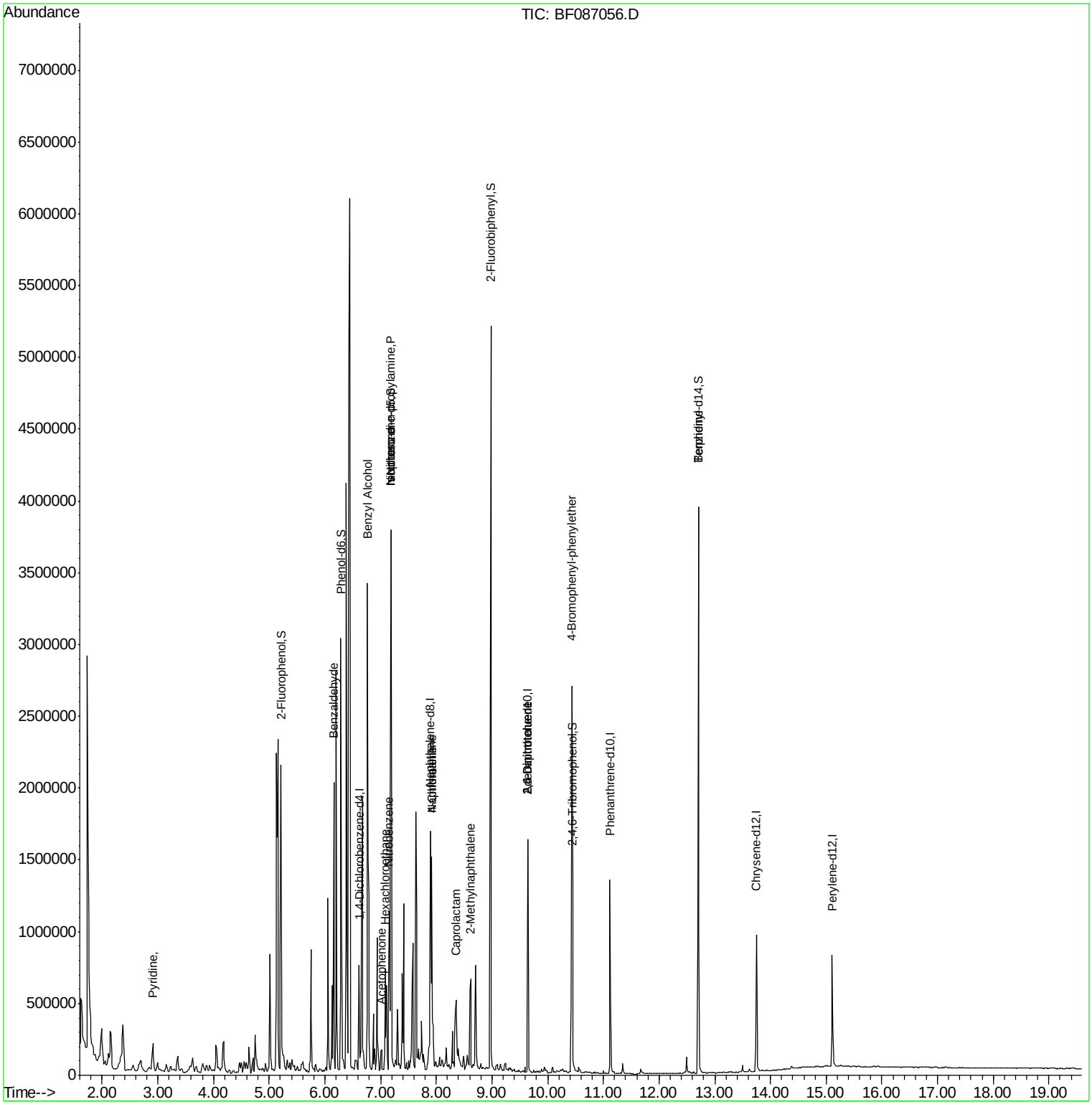
(#) = qualifier out of range (m) = manual integration (+) = signals summed

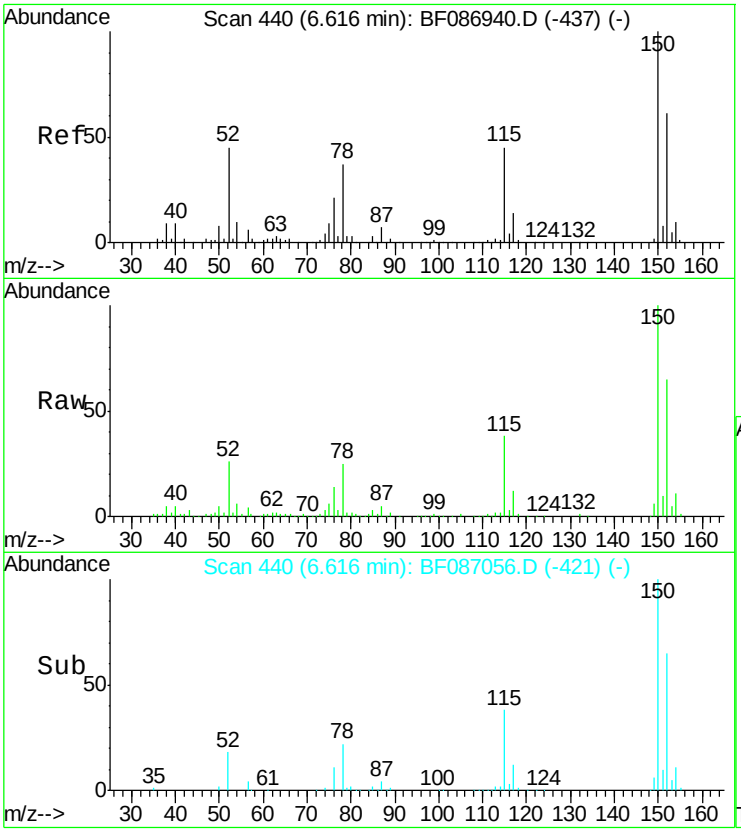
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
Acq On : 15 May 2016 8:43
Operator : UM/SJ
Sample : H3053-05
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Time: May 16 04:55:09 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



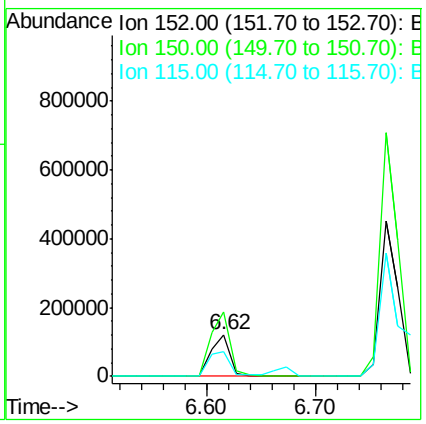


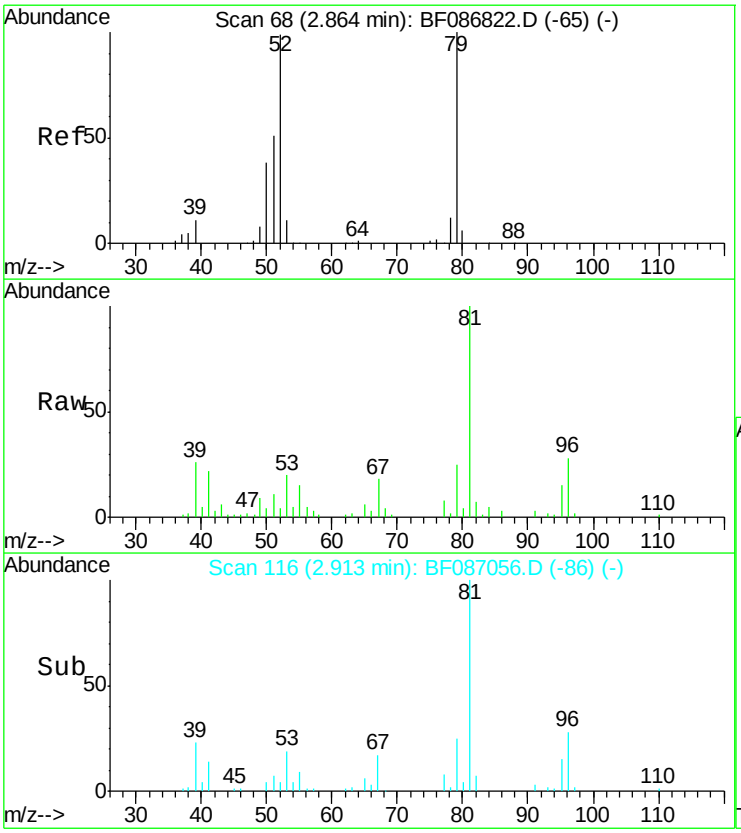
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:152 Resp: 147469

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.8	188.6
115	58.4	51.5	77.3

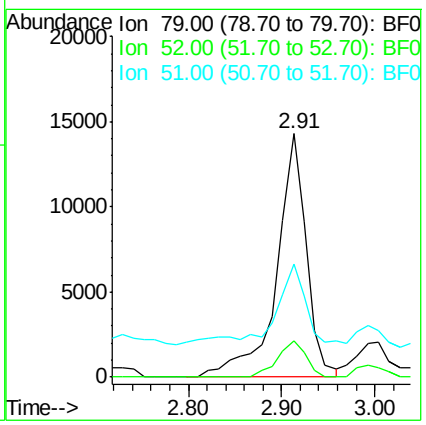


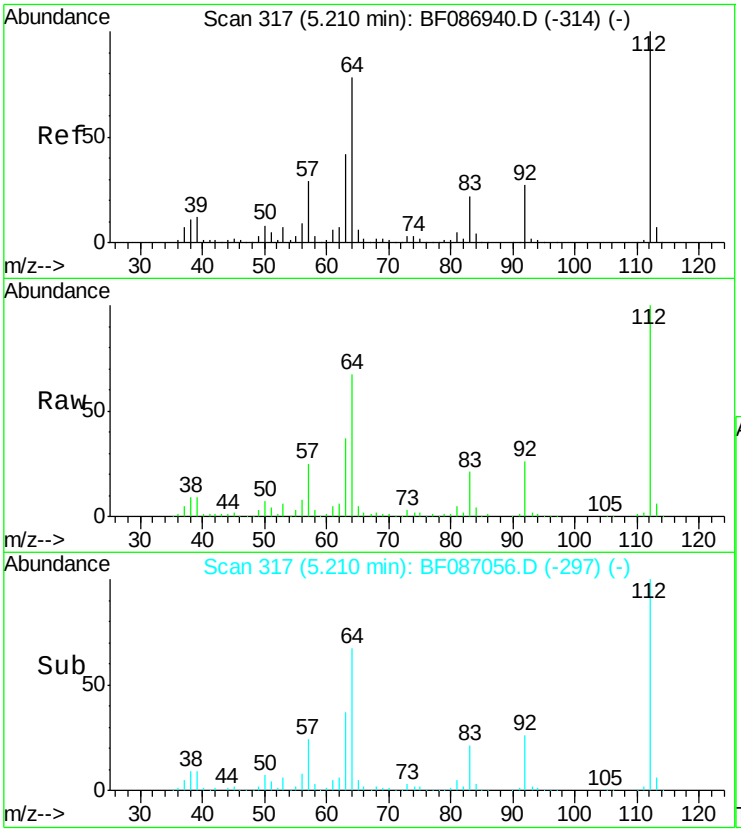


#3
Pyridine
Concen: 3.05 ng
RT: 2.91 min Scan# 116
Delta R.T. 0.05 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion: 79 Resp: 31905

Ion	Ratio	Lower	Upper
79	100		
52	14.9	55.9	83.9#
51	46.7	28.1	42.1#



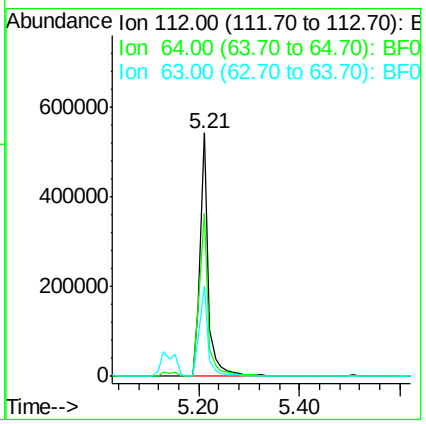


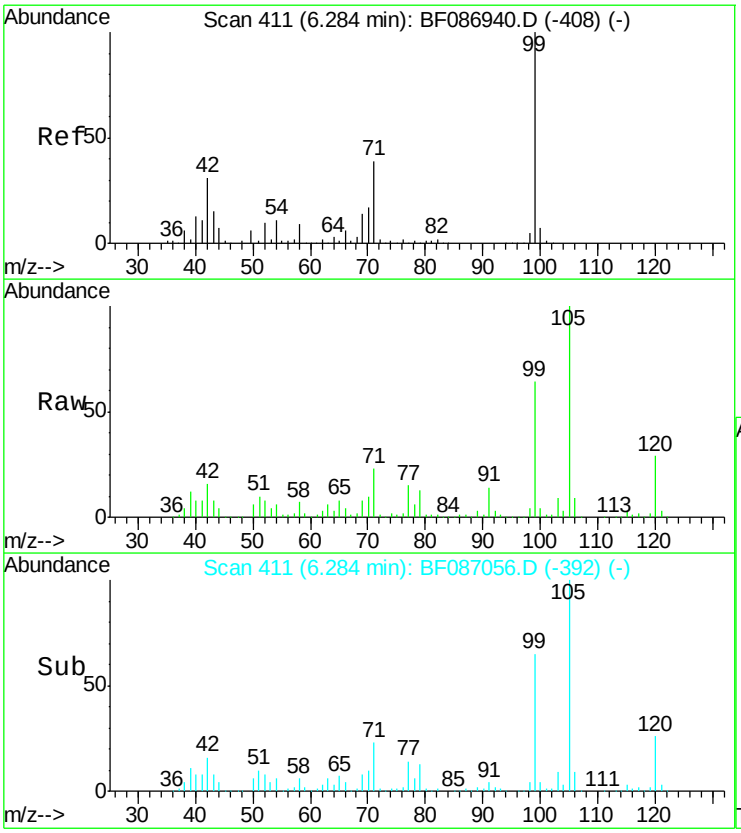
#5
2-Fluorophenol
Concen: 72.12 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:112 Resp: 627970

Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.1	78.1
63	36.8	25.7	38.5

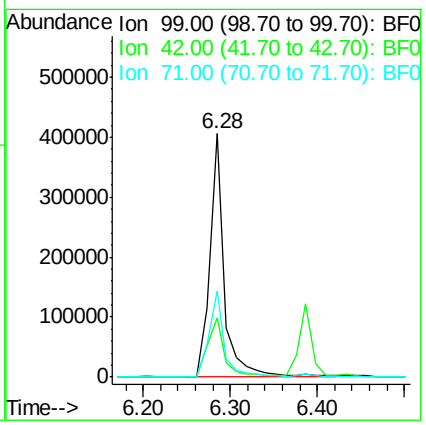


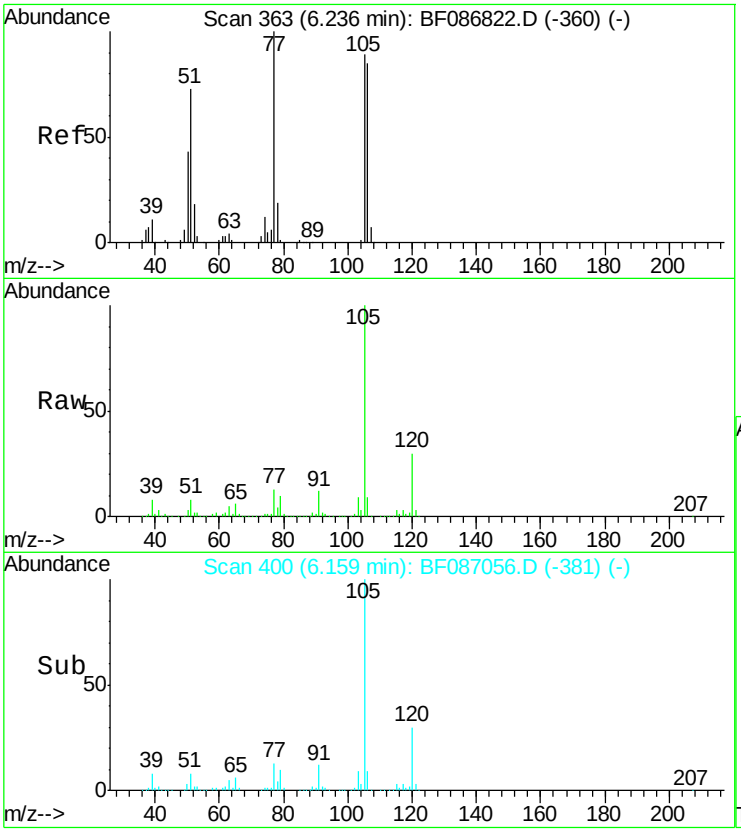


#7
Phenol-d6
Concen: 40.95 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion: 99 Resp: 476599

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.6	20.4#
71	35.4	24.6	36.8



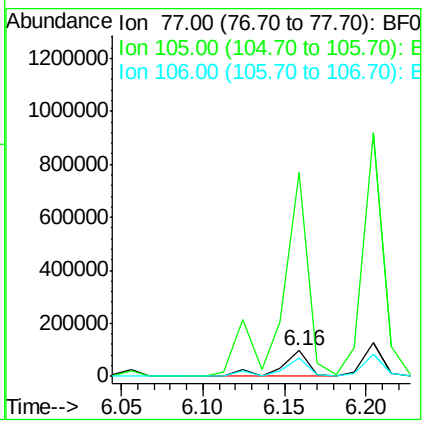


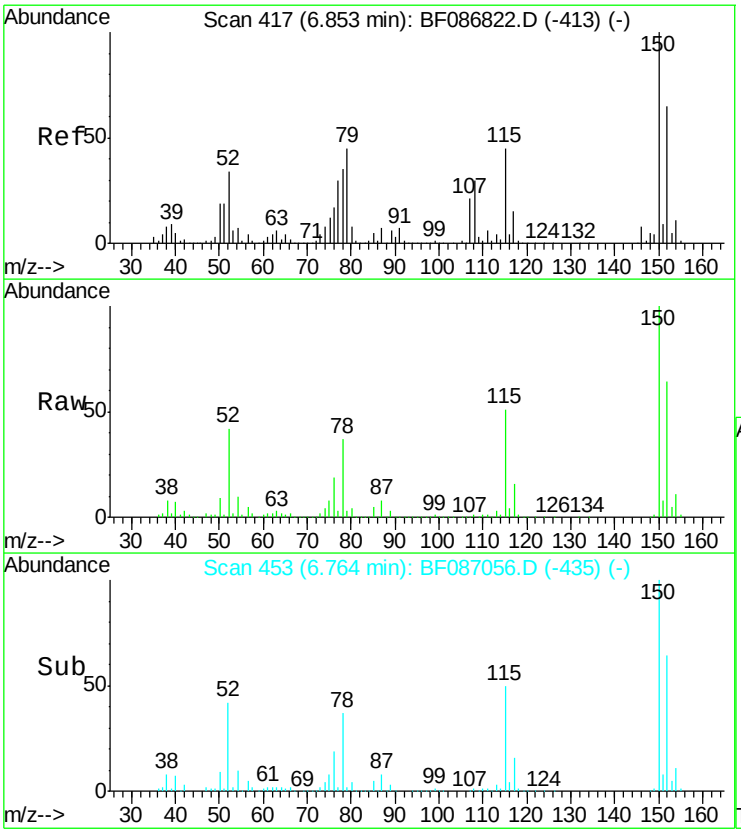
#9
Benzaldehyde
Concen: 16.92 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 77 Resp: 113994

Ion	Ratio	Lower	Upper
77	100		
105	787.5	72.7	112.7#
106	68.5	70.8	110.8#

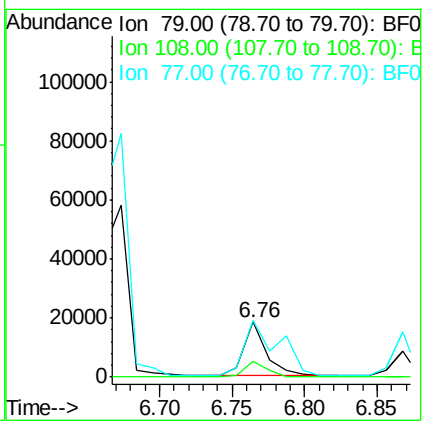


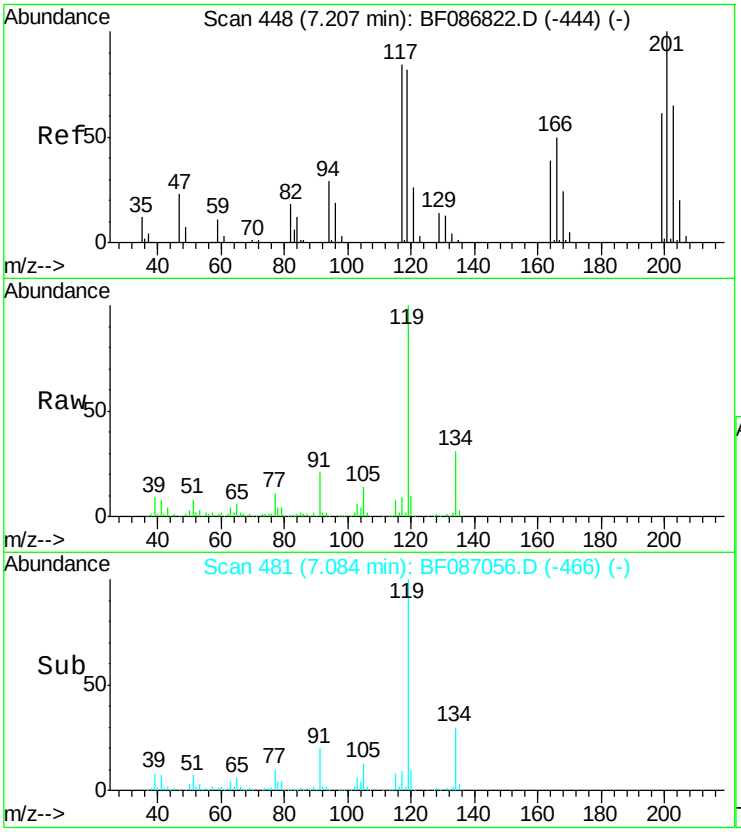


#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion: 79 Resp: 19388

Ion	Ratio	Lower	Upper
79	100		
108	28.8	68.4	102.6#
77	103.9	50.6	76.0#



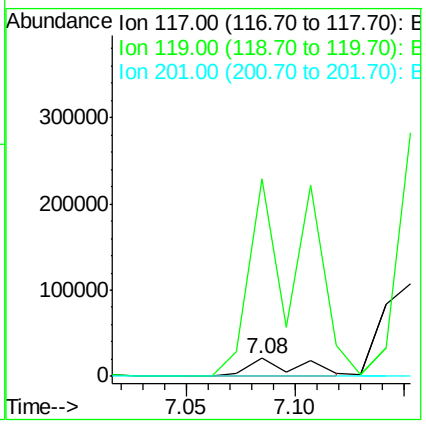


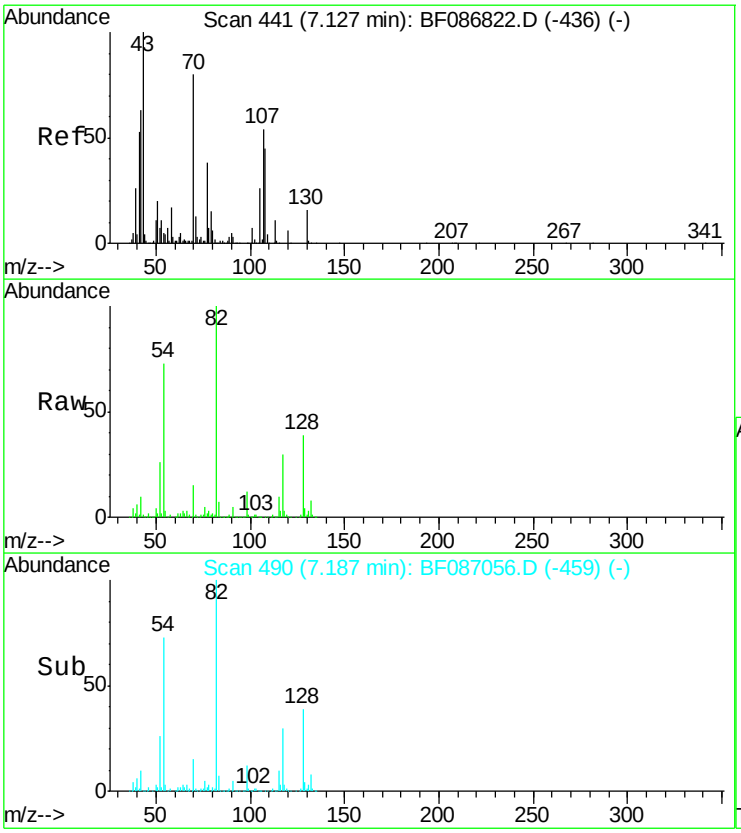
#18
Hexachloroethane
Concen: 7.96 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.12 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:117 Resp: 34729

Ion	Ratio	Lower	Upper
117	100		
119	1089.8	76.5	114.7#
201	0.0	63.0	94.6#

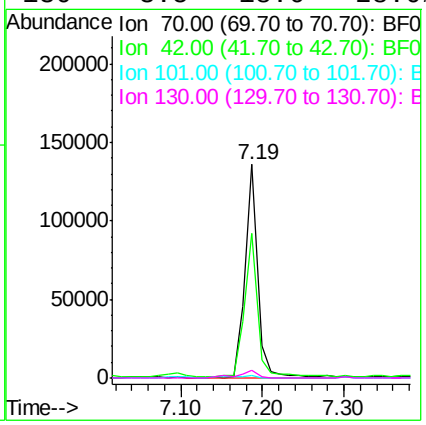


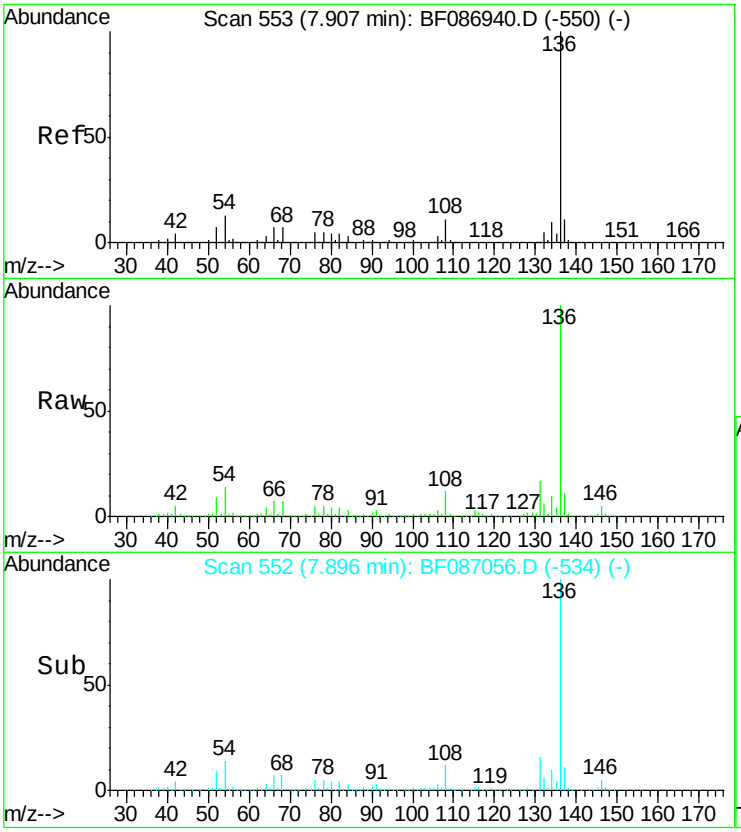


#19
n-Nitroso-di-n-propylamine
Concen: 18.40 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion: 70 Resp: 149669

Ion	Ratio	Lower	Upper
70	100		
42	67.9	43.1	64.7#
101	1.0	8.1	12.1#
130	3.5	18.6	28.0#



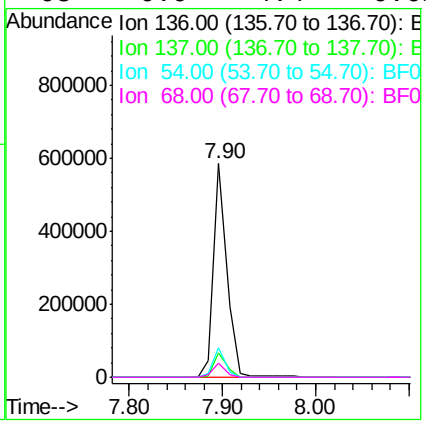


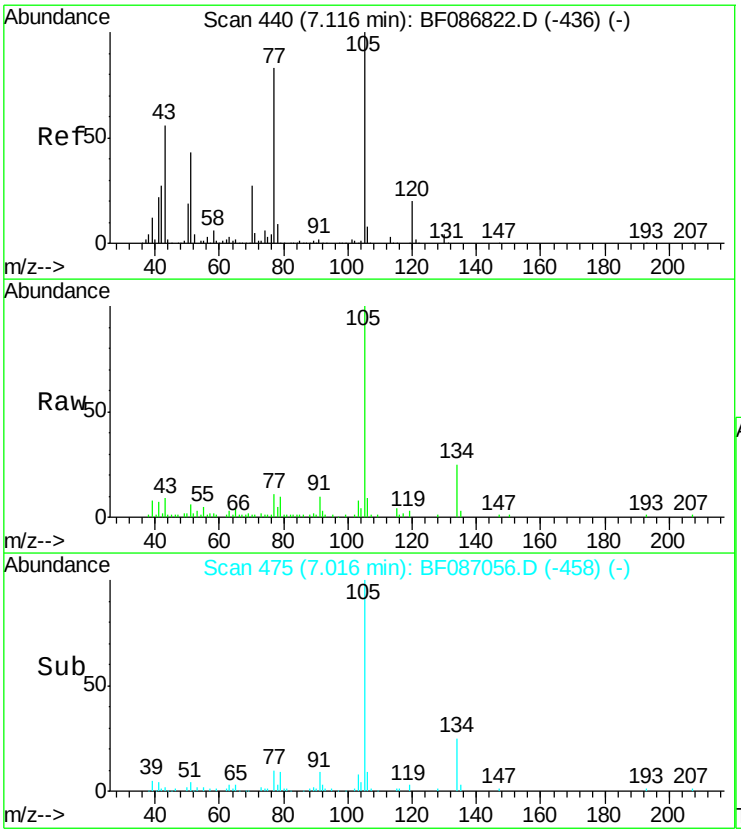
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:136 Resp: 585409

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.8	5.0	7.4#
68	6.9	4.4	6.6#

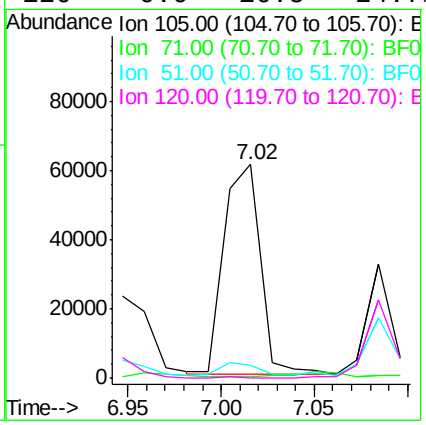


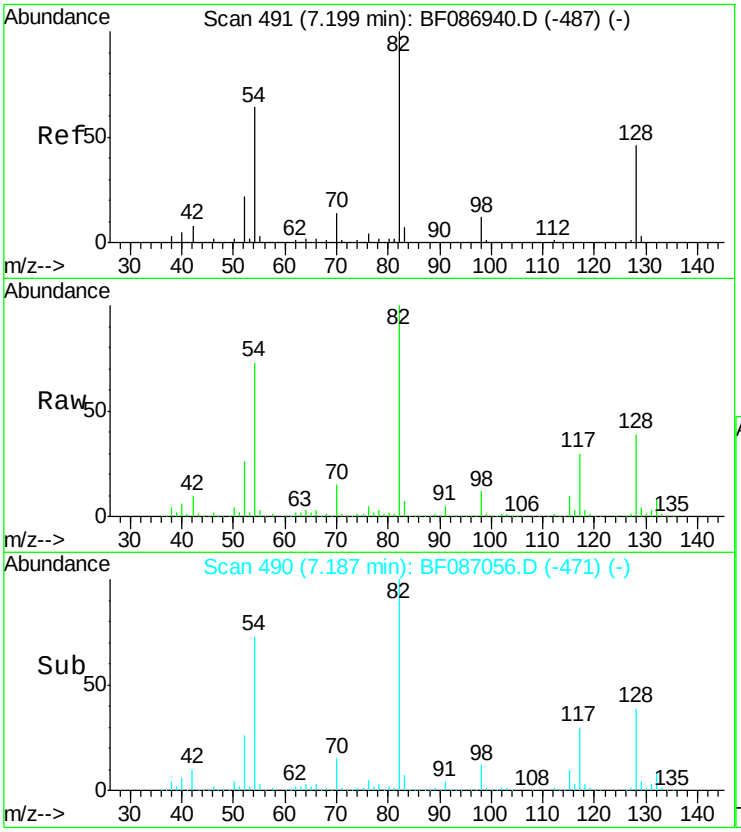


#22
Acetophenone
Concen: 5.99 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.10 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:105 Resp: 82872

Ion	Ratio	Lower	Upper
105	100		
71	0.9	4.8	7.2#
51	5.9	32.6	49.0#
120	0.0	16.5	24.7#



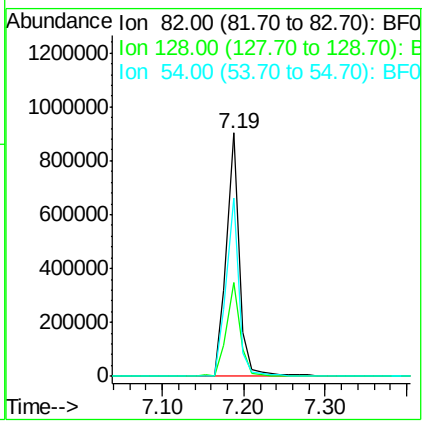


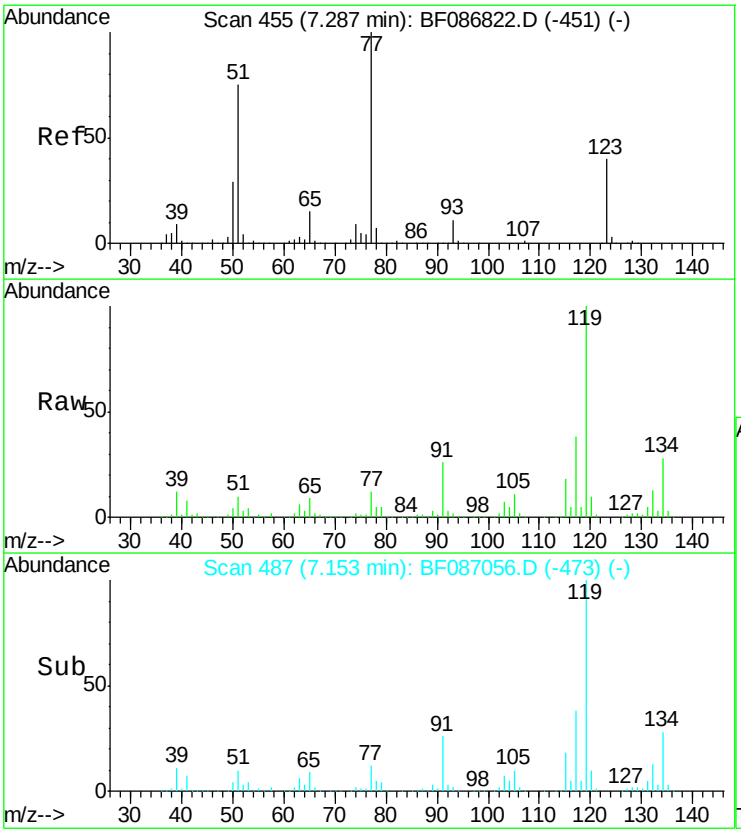
#23
Nitrobenzene-d5
Concen: 86.22 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 82 Resp: 1005200

Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	73.3	38.1	57.1#

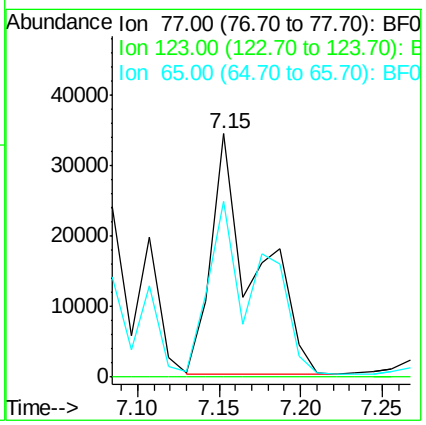


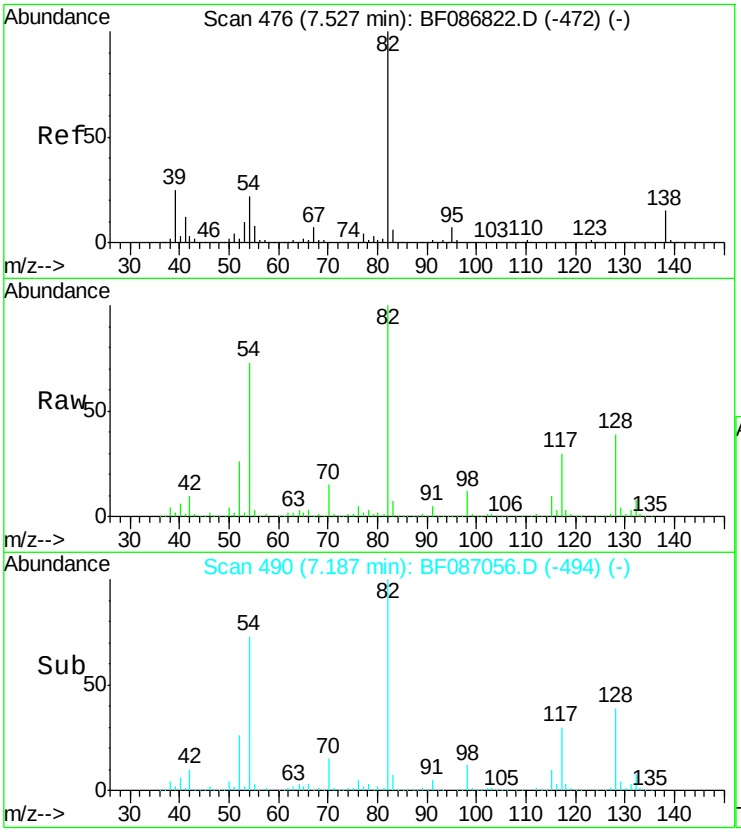


#24
Nitrobenzene
Concen: 5.32 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.13 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion: 77 Resp: 63841

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	72.3	10.8	16.2#



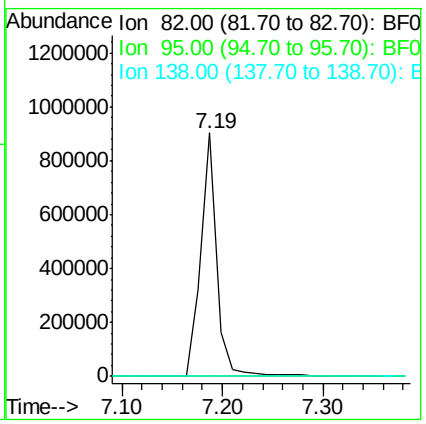


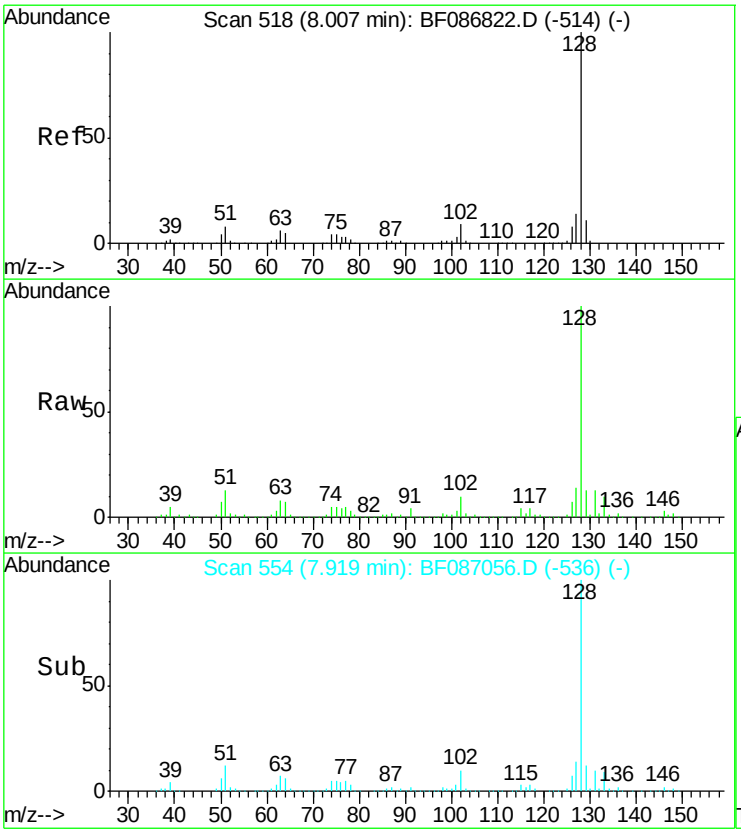
#25
Isophorone
Concen: 45.36 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 82 Resp: 981225

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

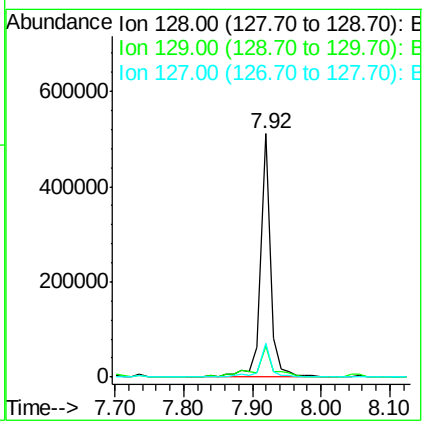


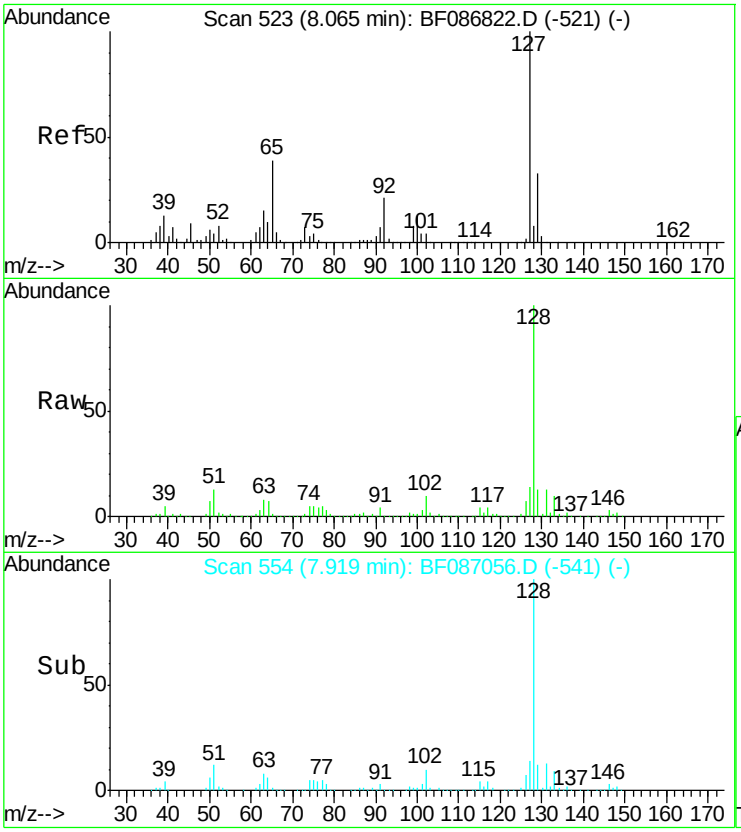


#31
Naphthalene
Concen: 17.29 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:128 Resp: 506907

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	13.0
127	13.7	10.8	16.2



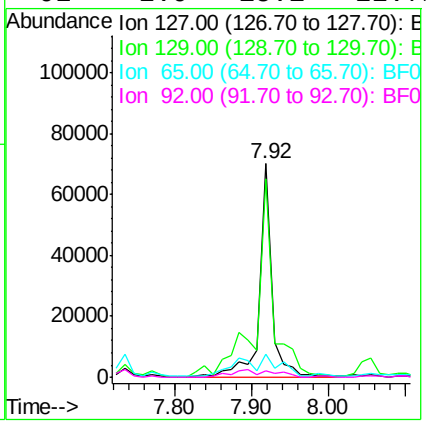


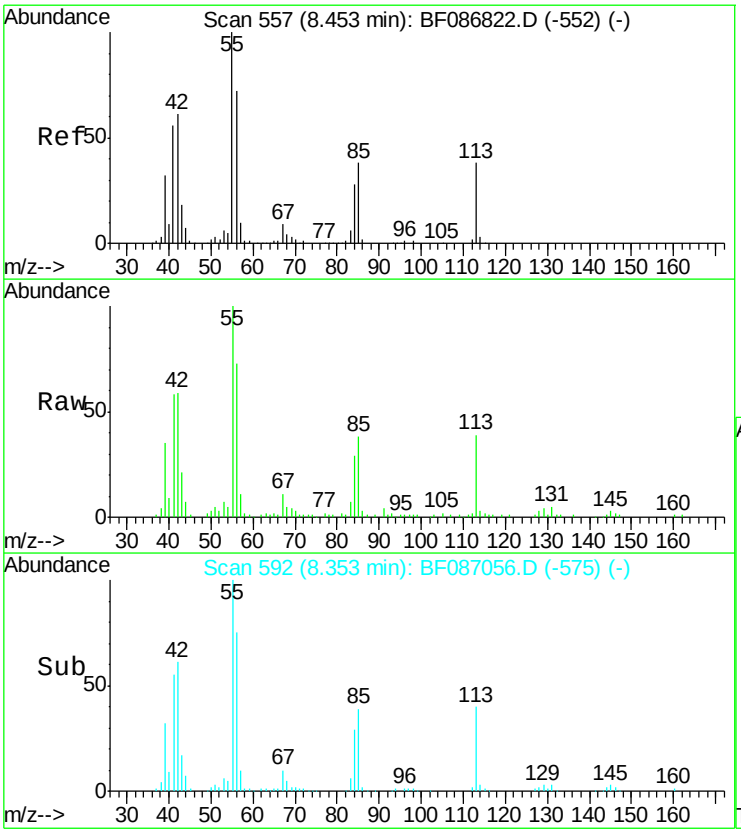
#33
4-Chloroaniline
Concen: 7.05 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.15 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:127 Resp: 80373

Ion	Ratio	Lower	Upper
127	100		
129	92.7	26.2	39.4#
65	10.5	23.0	34.4#
92	2.9	15.1	22.7#

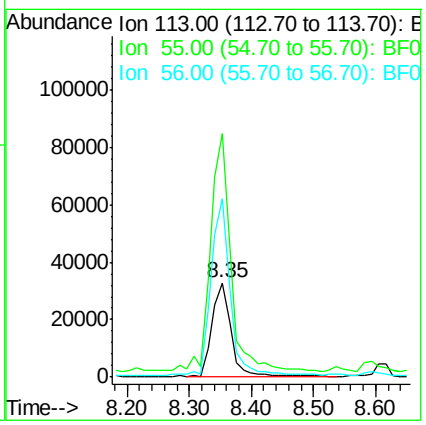


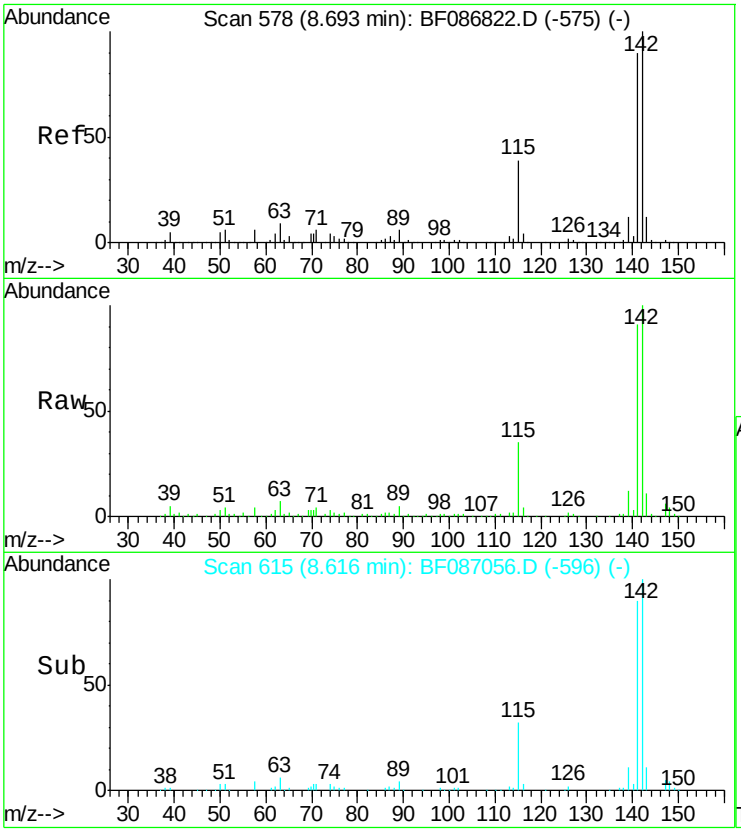


#35
Caprolactam
Concen: 26.21 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.10 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:113 Resp: 70483

Ion	Ratio	Lower	Upper
113	100		
55	258.0	162.0	202.0#
56	188.6	115.3	155.3#



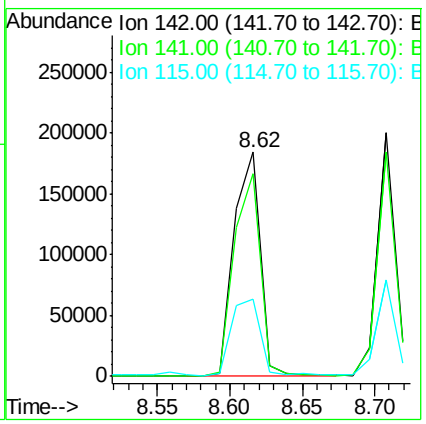


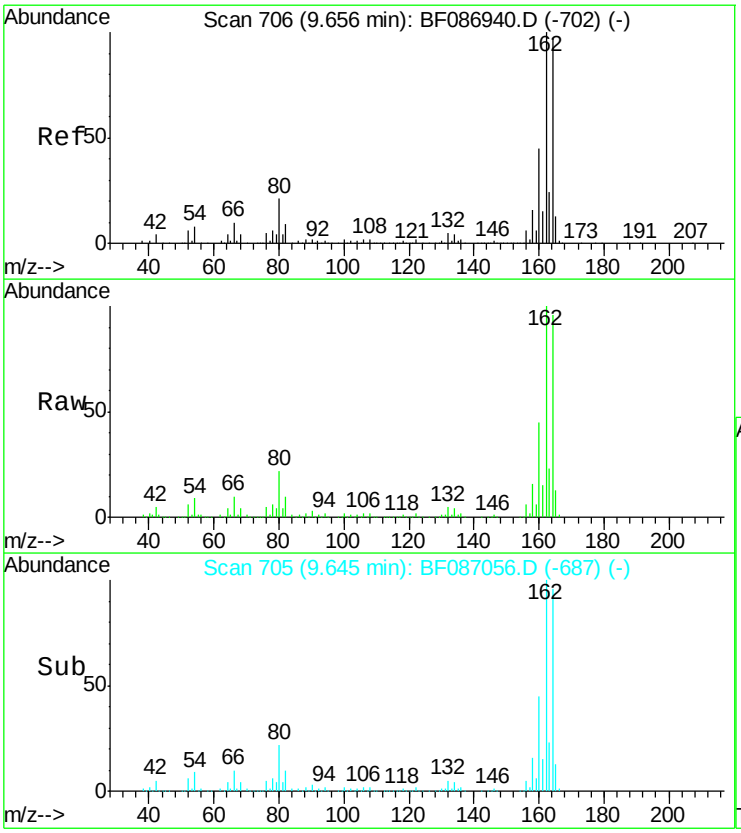
#37
2-Methylnaphthalene
Concen: 13.64 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:142 Resp: 233882

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	34.6	26.6	39.8

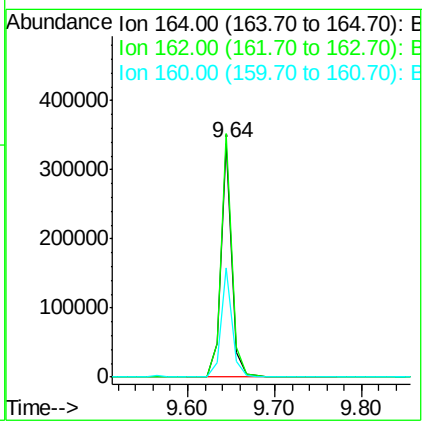


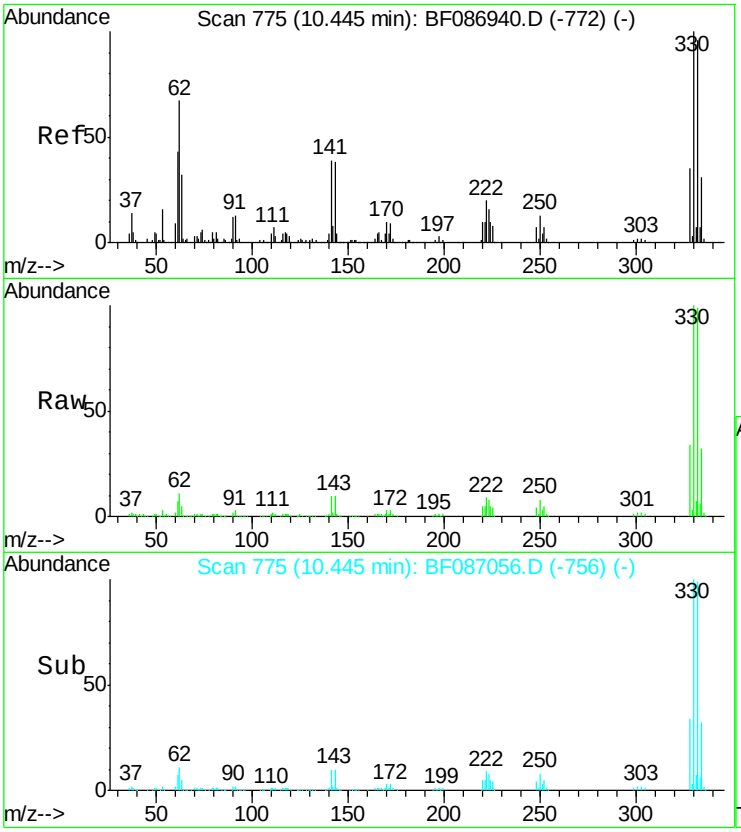


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:164 Resp: 296907

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	47.0	36.9	55.3



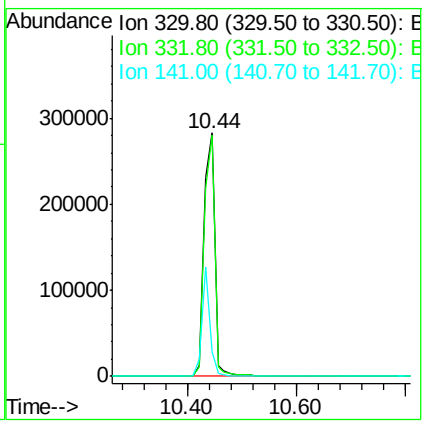


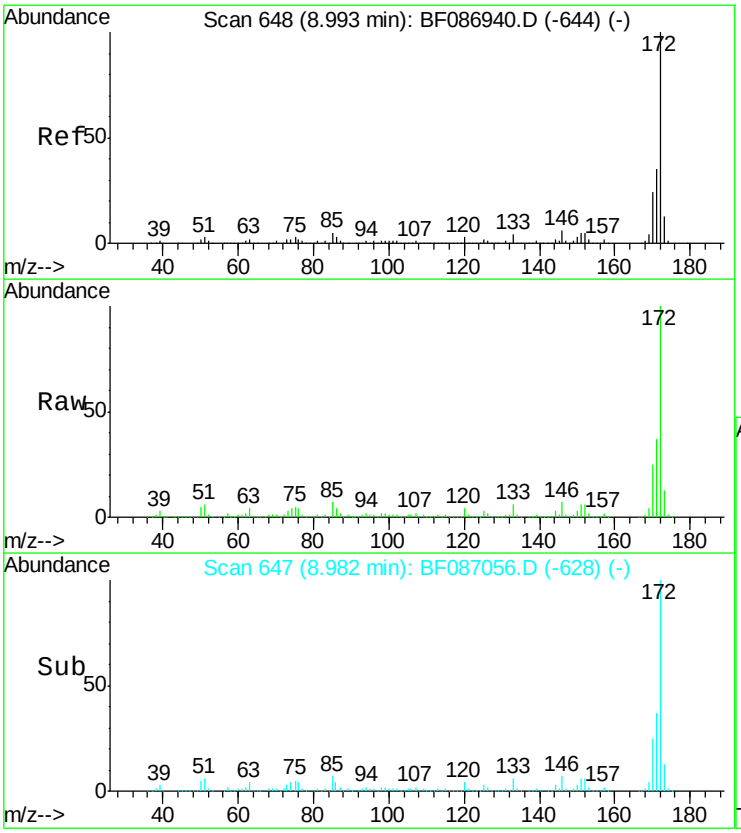
#41
2,4,6-Tribromophenol
Concen: 122.07 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:330 Resp: 383698

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	33.7	31.2	46.8

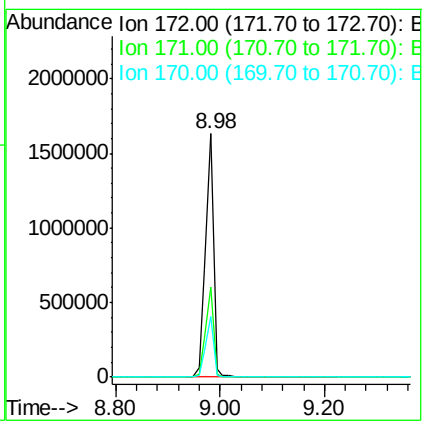


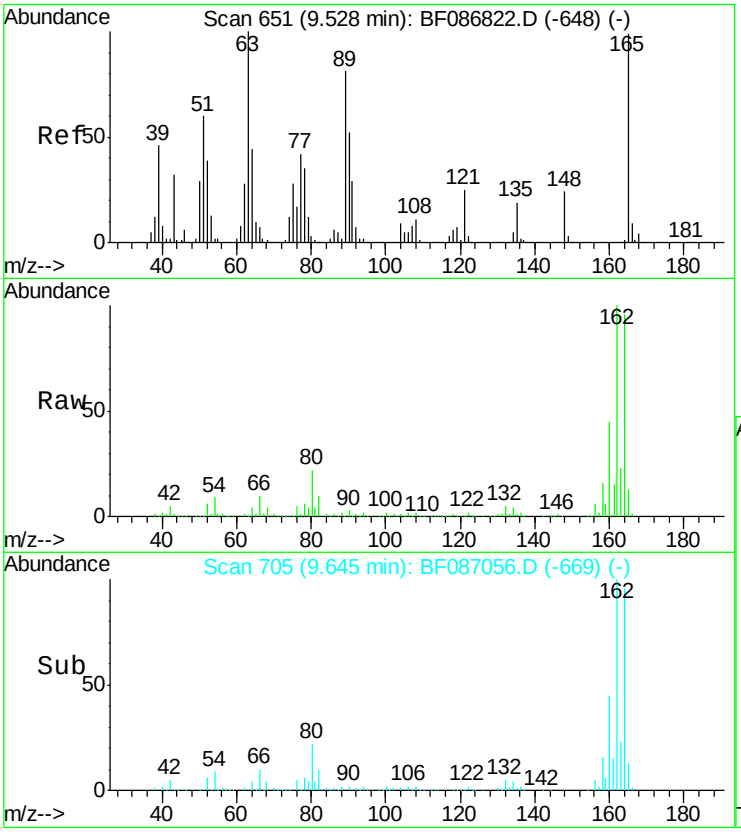


#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:172 Resp: 1733514

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	19.8	29.8



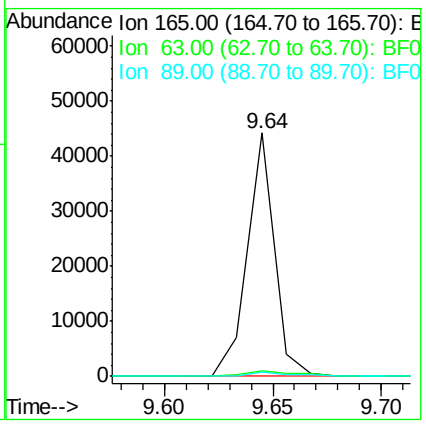


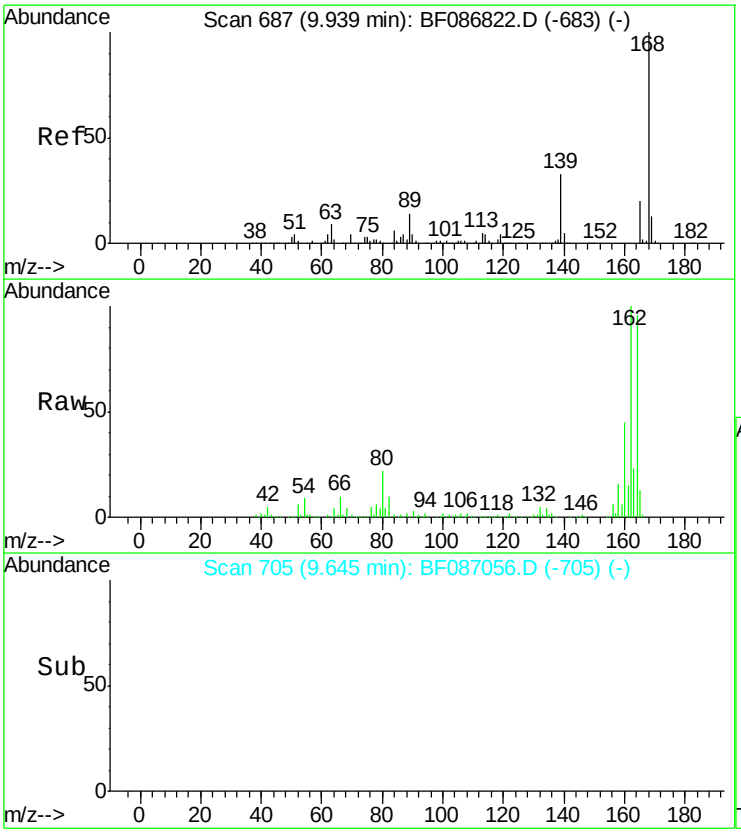
#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:165 Resp: 38286

Ion	Ratio	Lower	Upper
165	100		
63	2.4	51.8	77.8#
89	1.9	50.7	76.1#

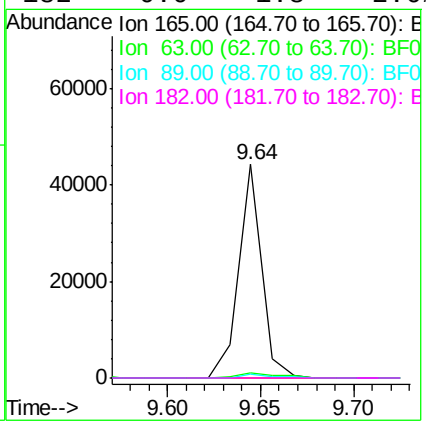


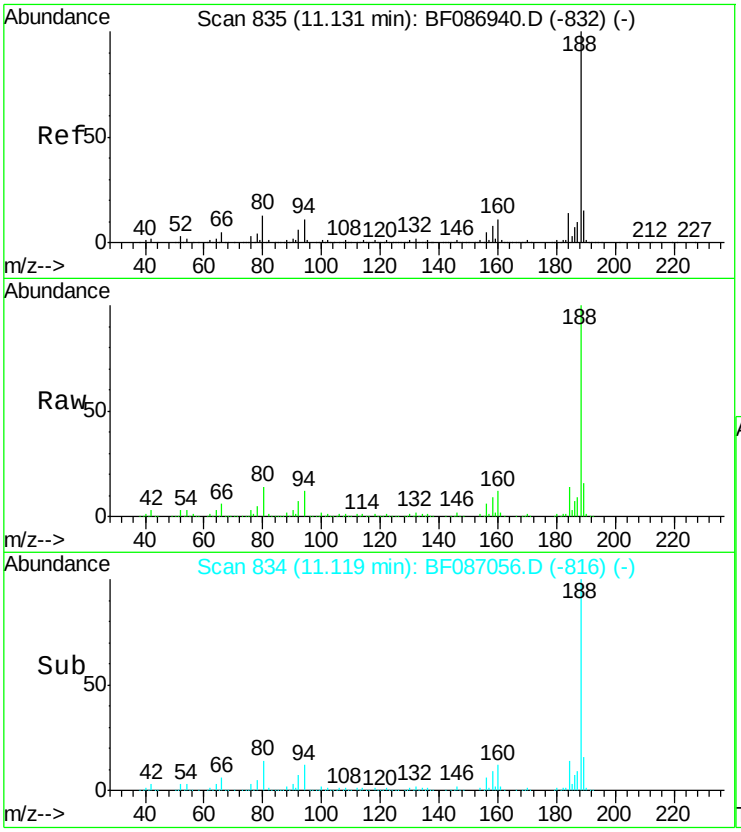


#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:165 Resp: 38288

Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#



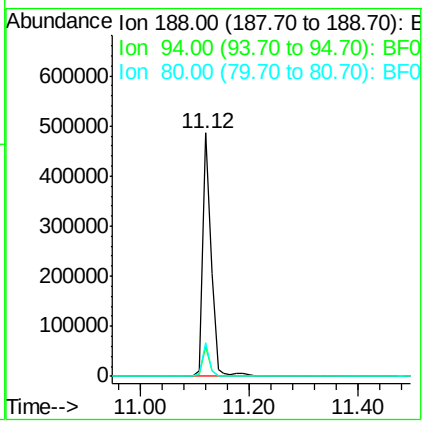


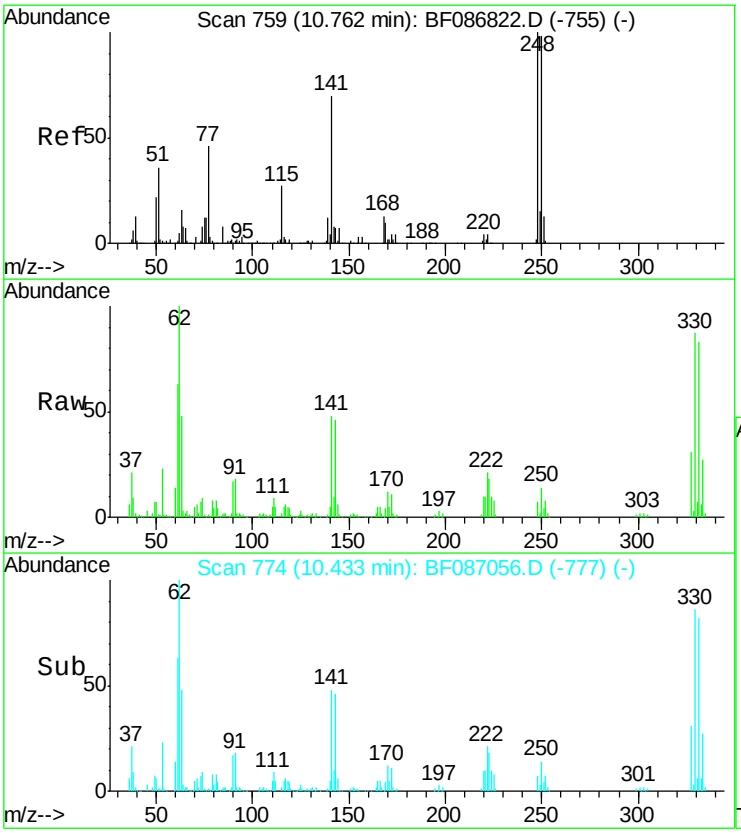
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:188 Resp: 514406

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.8	10.2#
80	14.0	7.1	10.7#

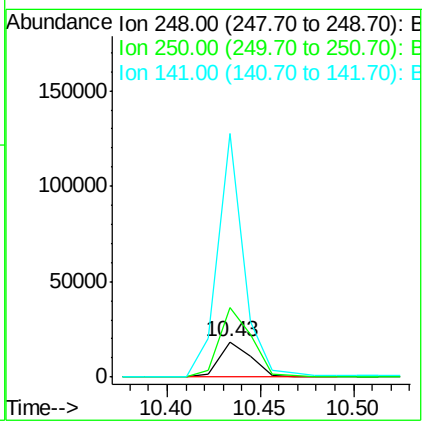


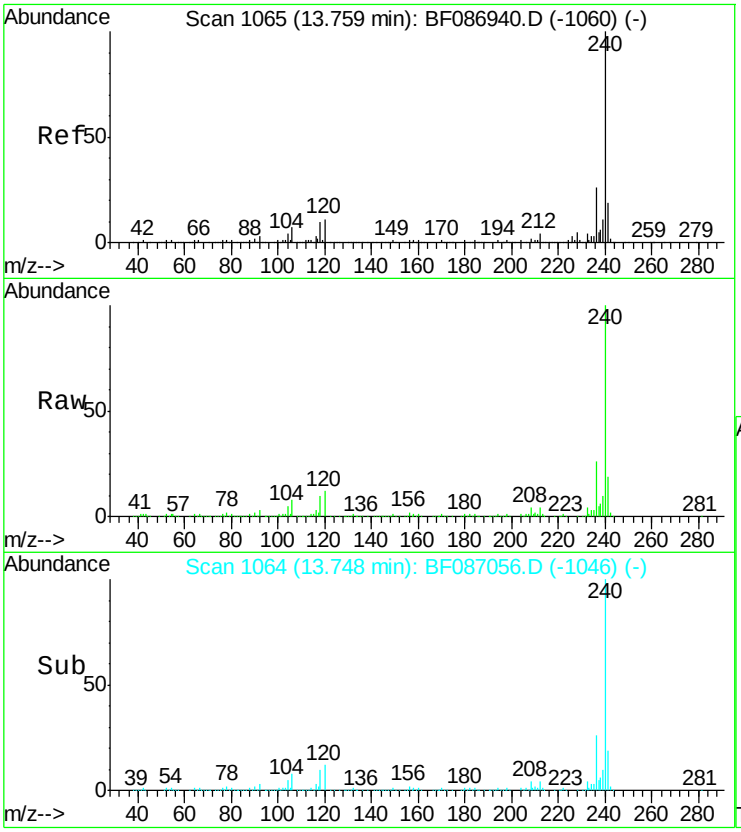


#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:248 Resp: 21659

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.6	117.8#
141	696.5	76.0	114.0#



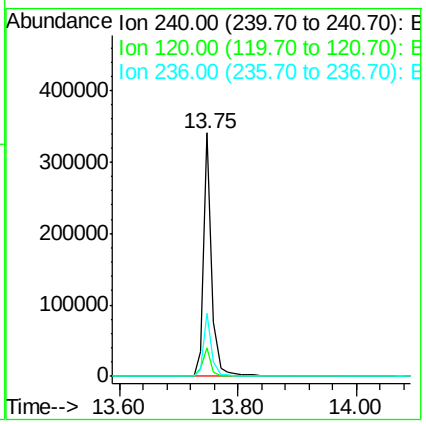


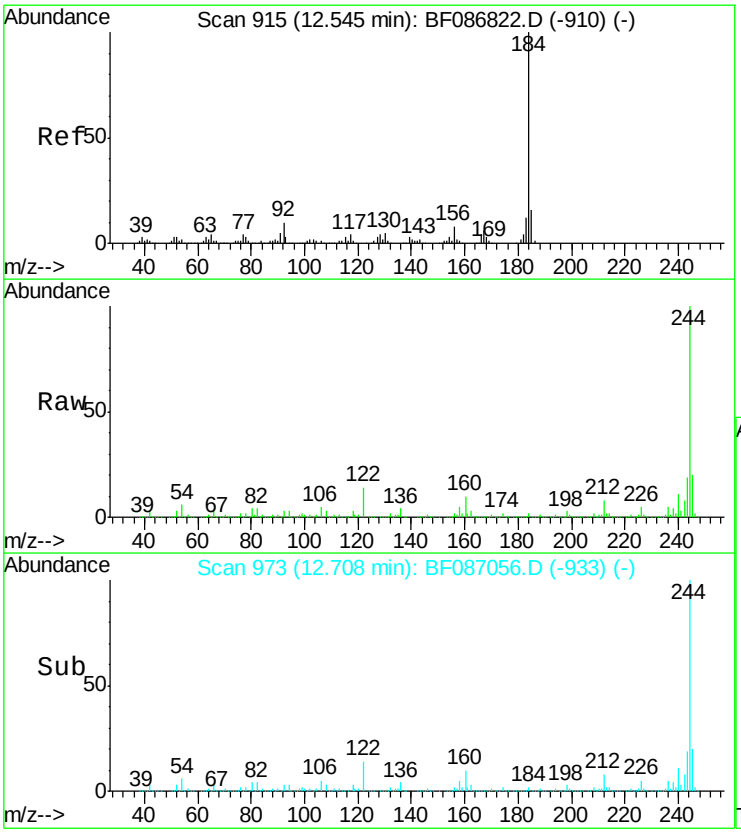
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:240 Resp: 333542

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.0	21.2	31.8

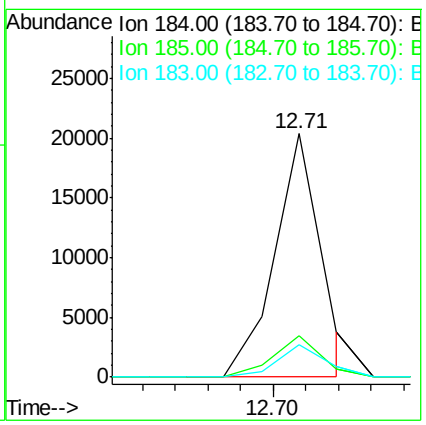


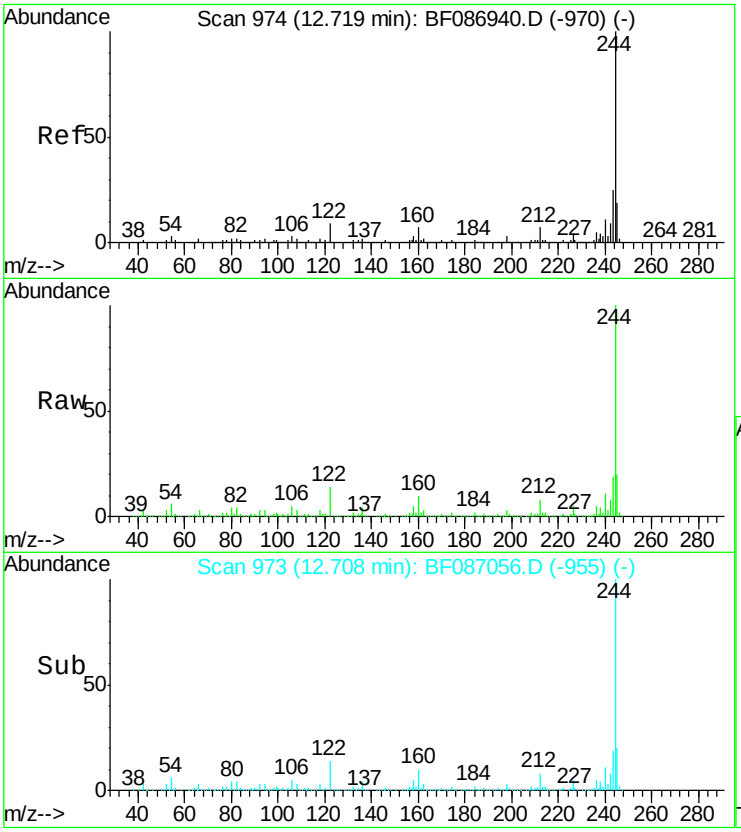


#76
Benzidine
Concen: 2.36 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.16 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:184 Resp: 20050

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.6	20.4
183	13.3	9.8	14.6



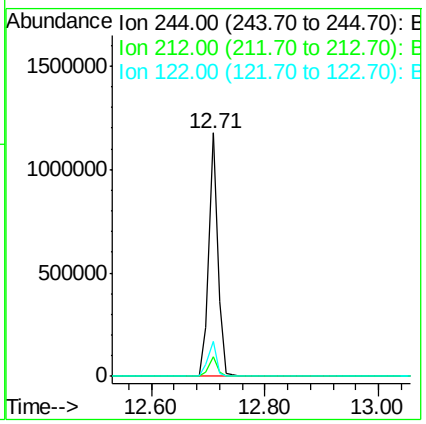


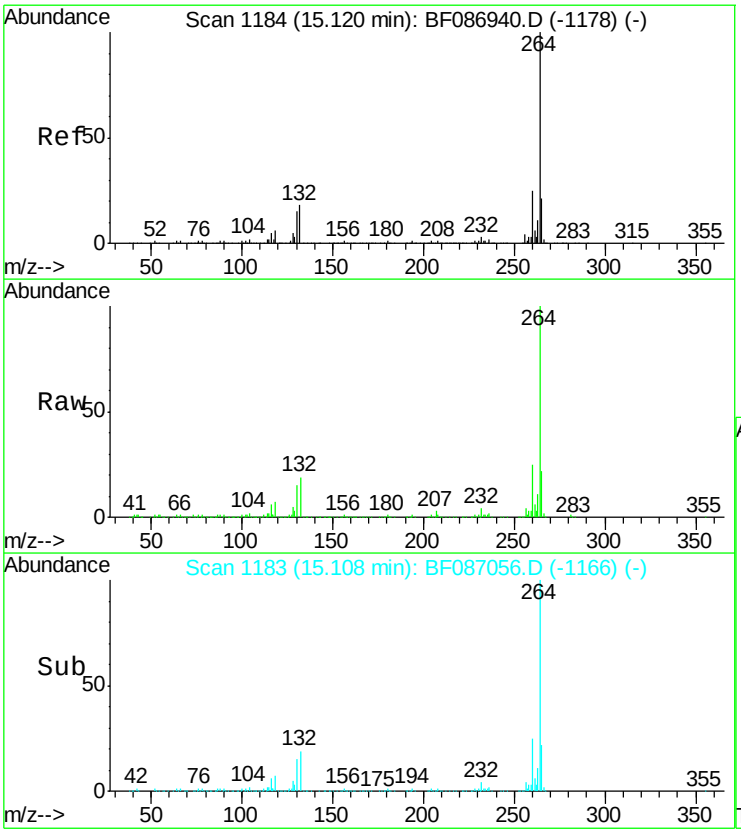
#78
Terphenyl-d14
Concen: 79.69 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:244 Resp: 1252781

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.1	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: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:264 Resp: 334815

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.3	25.9