Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Quant Time: Apr 19 00:50:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	256197	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	439486	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	349142	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	562336	20.00	ng		0.01
75) Chrysene-d12	14.04	240	503904	20.00	ng		-0.01
86) Perylene-d12	15.47	264	514806	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	26469	1.69	ng		-0.01
7) Phenol-d6	6.50	99	29102	1.49	ng		-0.02
23) Nitrobenzene-d5	7.45	82	203333	26.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	6285	2.24	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	130628	6.90	ng		-0.01
78) Terphenyl-d14	12.99	244	88438	4.41	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	263326	18.98	ng	#	1
18) Hexachloroethane	7.39	117	144399	21.41	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	47411	3.79	ng	#	29
22) Acetophenone	7.29	105	674318	117.83	ng	#	45
24) Nitrobenzene	7.44	77	154410	18.53	ng	#	28
25) Isophorone	7.71	82	222325	14.70	ng	#	1
26) 2-Nitrophenol	7.80	139	15543	4.28	ng	#	1
28) bis(2-Chloroethoxy)methane	7.94	93	52645	5.92	ng	#	1
29) 2,4-Dichlorophenol	8.02	162	22467	4.03	ng	#	22
31) Naphthalene	8.20	128	656080	33.43	ng	#	90
32) Benzoic acid	7.97	122	18549	3.96	ng	#	1
33) 4-Chloroaniline	8.20	127	195579	22.30	ng	#	33
35) Caprolactam	8.61	113	106325	52.66	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	31301	4.84	ng	#	37
37) 2-Methylnaphthalene	8.90	142	698170	55.02	ng		98
45) 1,1'-Biphenyl	9.36	154	100455	4.00	ng		95
47) 2-Nitroaniline	9.52	65	22123	3.33	ng	#	50
52) 3-Nitroaniline	9.85	138	14159	2.07	ng	#	72
53) 2,4-Dinitrophenol	9.98	184	1566	5.02	ng	#	1
55) 4-Nitrophenol	10.04	139	32327	6.05	ng	#	8
56) 2,4-Dinitrotoluene	10.14	165	16233	2.26	ng	#	62
60) 4-Chlorophenyl-phenylether	10.50	204	2859	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.60	169	144273	8.38	ng	#	56
68) Atrazine	11.14	200	42219	8.00	ng		76
70) Phenanthrene	11.45	178	77097	2.87	ng	#	62
74) Fluoranthene	12.85	202	61339	Below Cal			90

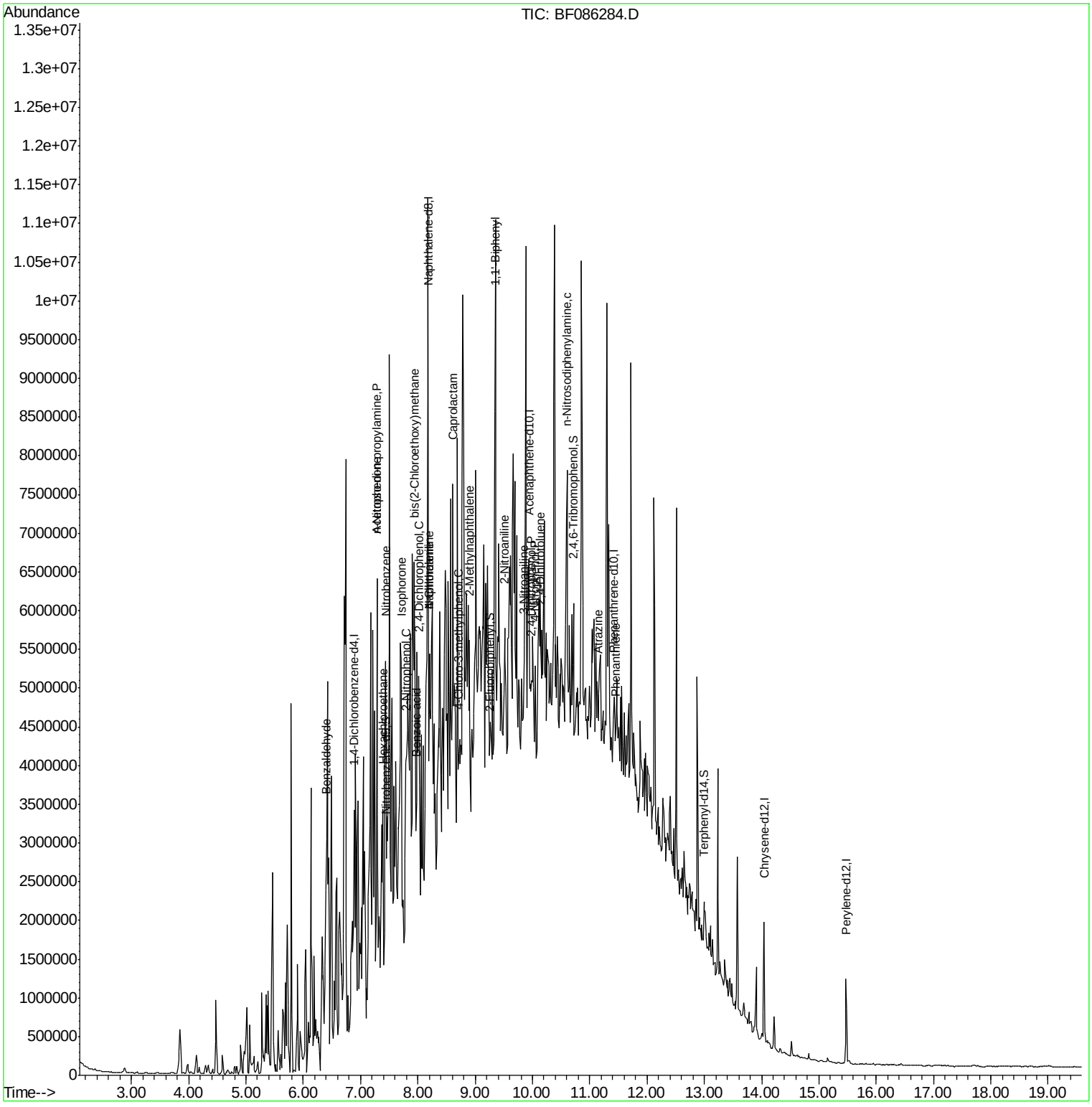
(#) = qualifier out of range (m) = manual integration (+) = signals summed

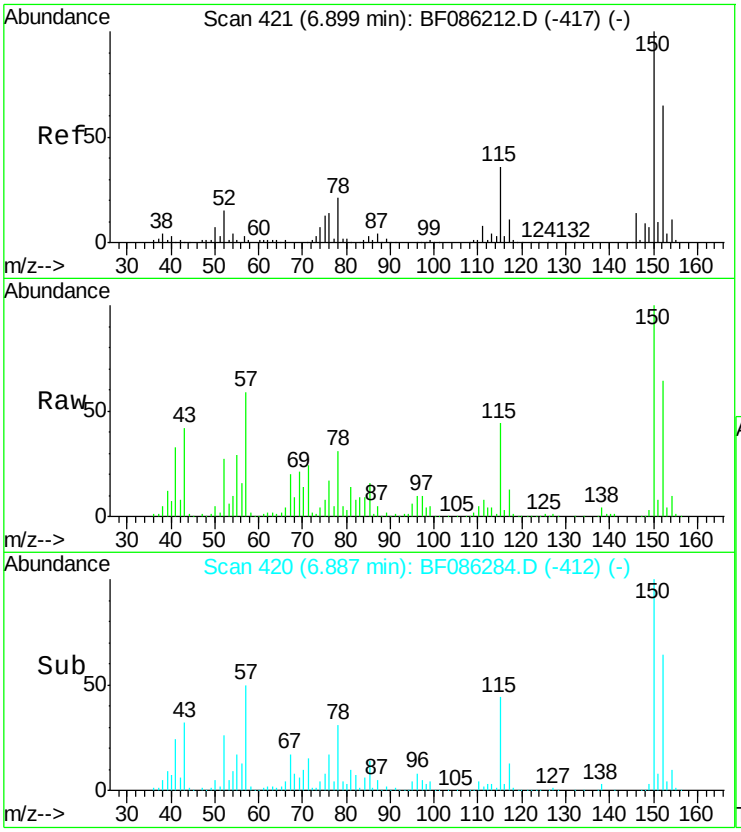
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086284.D
Acq On : 18 Apr 2016 16:16
Operator : UM/SJ
Sample : H2334-04 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Quant Time: Apr 19 00:50:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration



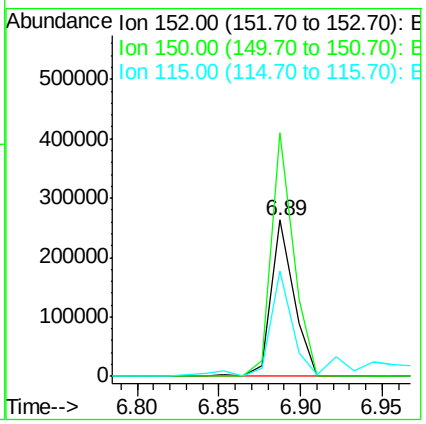


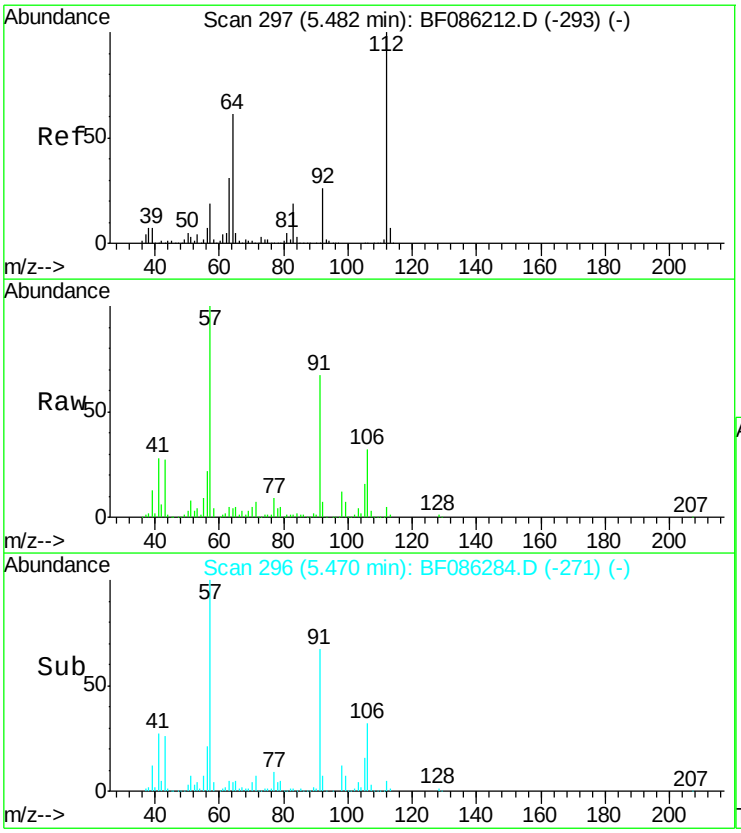
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:152 Resp: 256197

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.1	186.1
115	67.9	43.9	65.9#

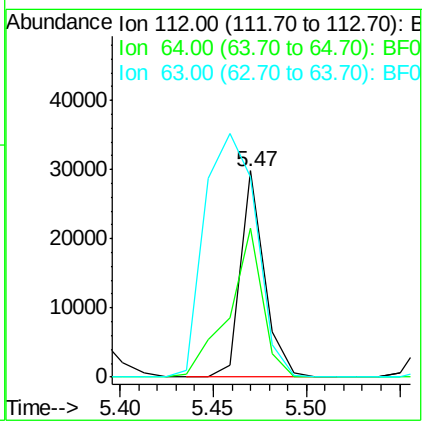


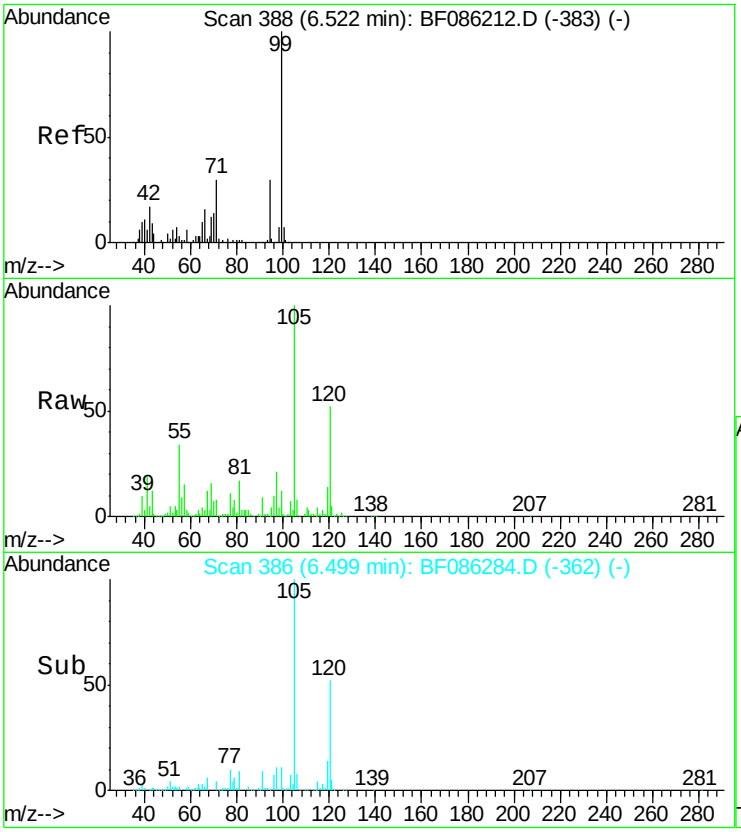


#5
2-Fluorophenol
Concen: 1.69 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:112 Resp: 26469

Ion	Ratio	Lower	Upper
112	100		
64	72.2	48.1	72.1#
63	97.2	25.5	38.3#



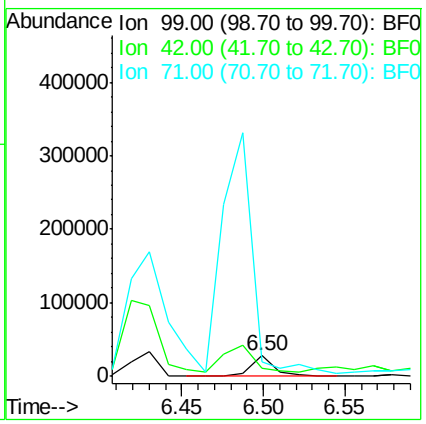


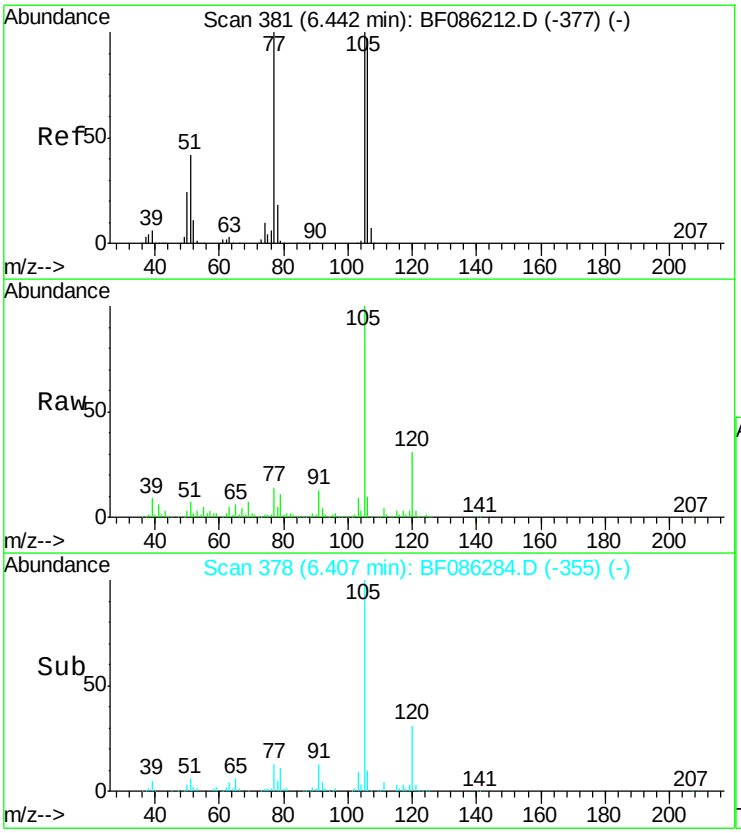
#7
Phenol-d6
Concen: 1.49 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 99 Resp: 29102

Ion	Ratio	Lower	Upper
99	100		
42	40.9	15.4	23.2#
71	68.6	25.6	38.4#

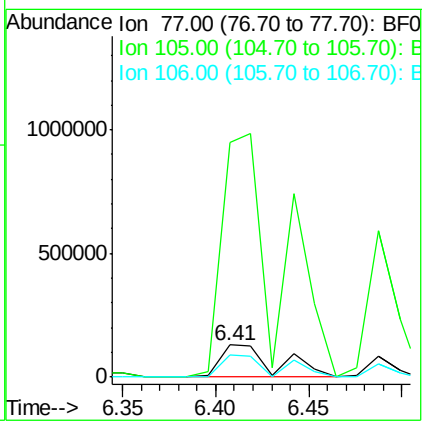


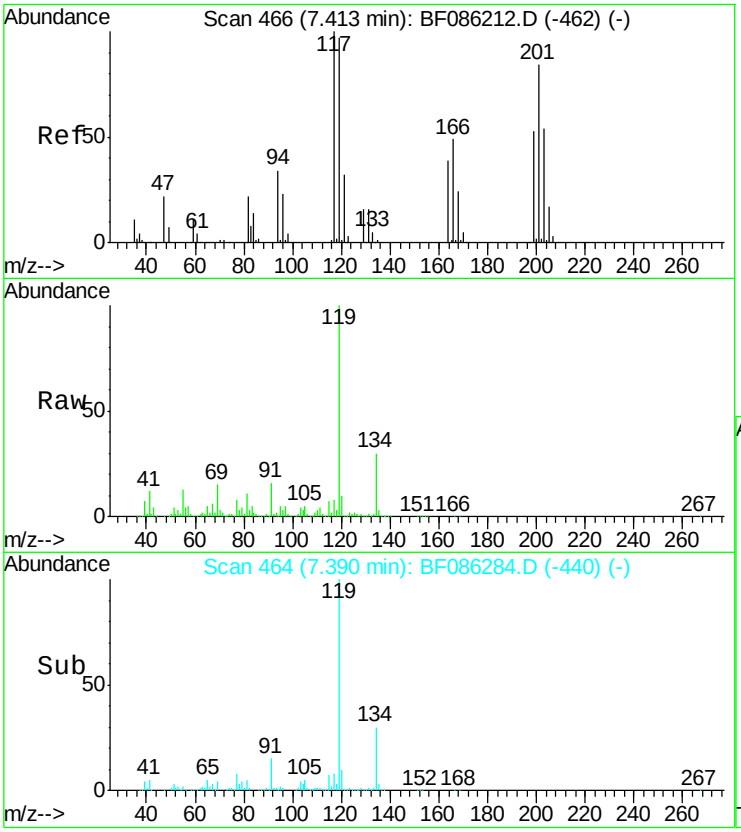


#9
Benzaldehyde
Concen: 18.98 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion: 77 Resp: 263326

Ion	Ratio	Lower	Upper
77	100		
105	730.9	84.6	124.6#
106	70.8	78.6	118.6#



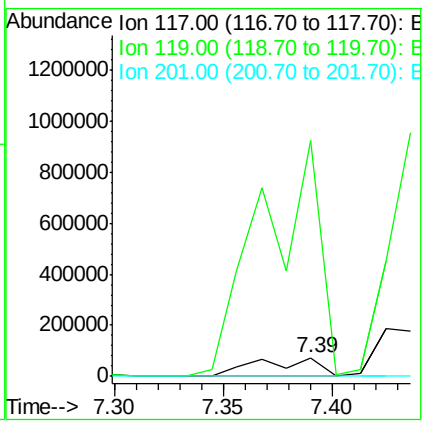


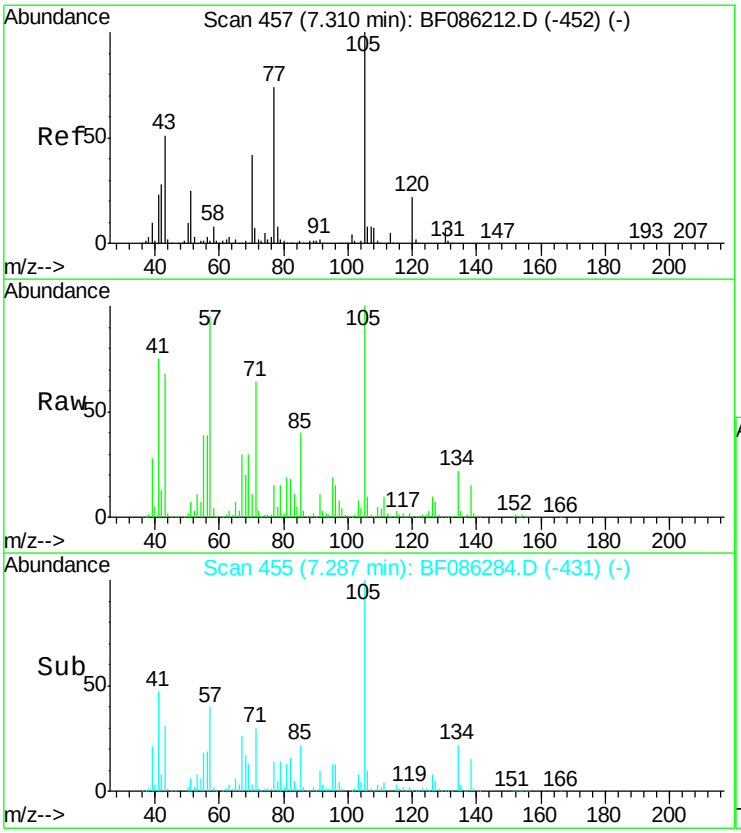
#18
Hexachloroethane
Concen: 21.41 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:117 Resp: 144399

Ion	Ratio	Lower	Upper
117	100		
119	1258.0	78.2	117.4#
201	0.0	75.7	113.5#

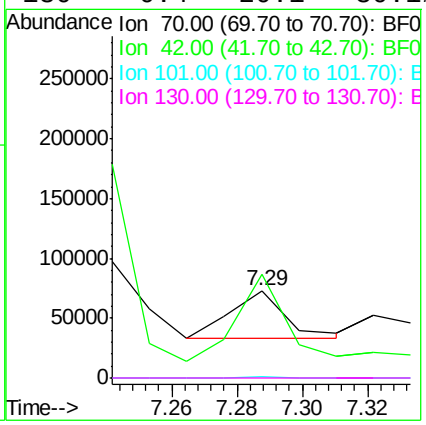


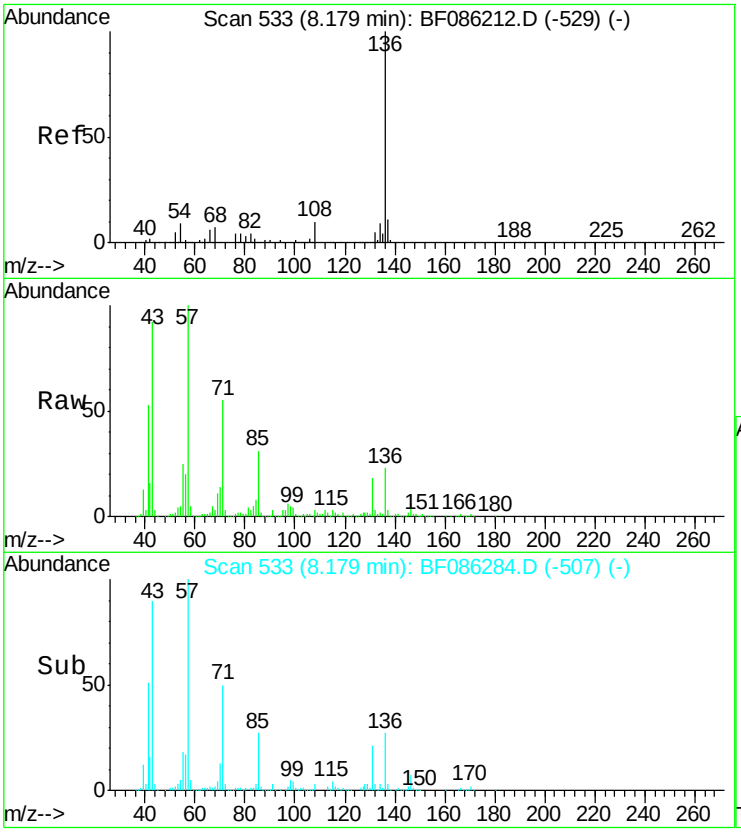


#19
n-Nitroso-di-n-propylamine
Concen: 3.79 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion: 70 Resp: 47411

Ion	Ratio	Lower	Upper
70	100		
42	118.1	43.0	64.4#
101	1.6	8.1	12.1#
130	0.4	20.1	30.1#



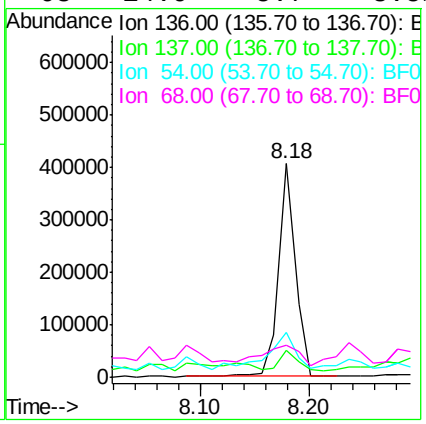


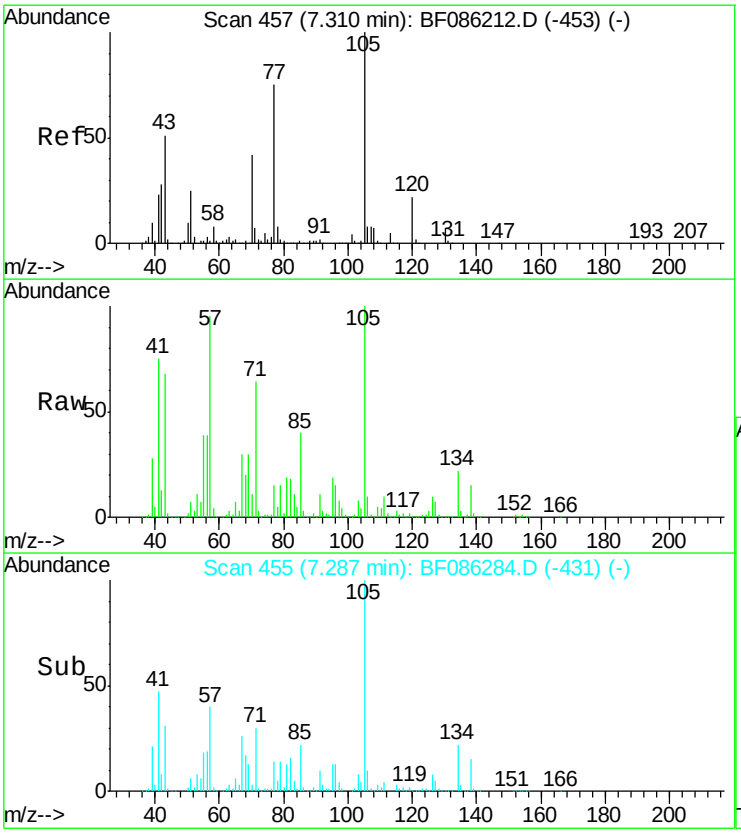
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:136 Resp: 439486

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.1	13.7
54	20.8	7.3	10.9#
68	14.9	5.7	8.5#

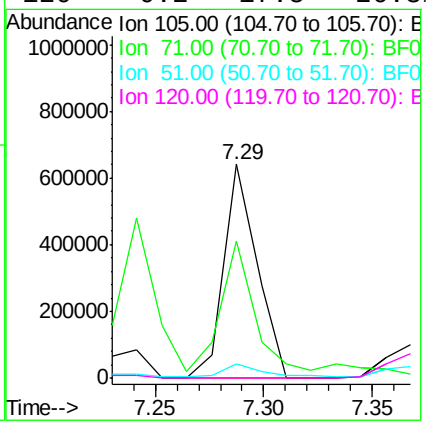


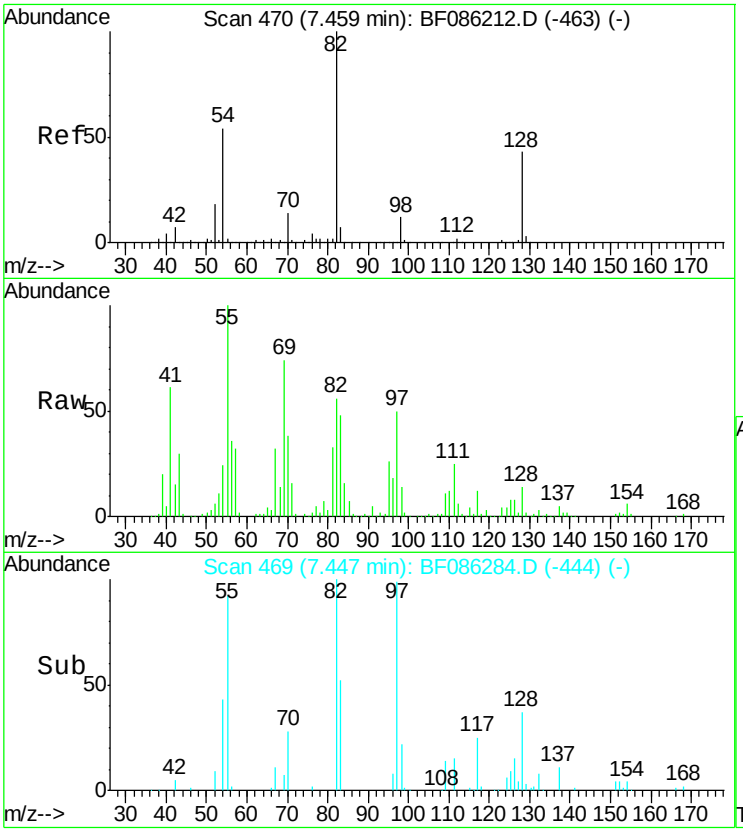


#22
Acetophenone
Concen: 117.83 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:105 Resp: 674318

Ion	Ratio	Lower	Upper
105	100		
71	64.1	4.0	6.0#
51	6.6	22.0	33.0#
120	0.2	17.5	26.3#



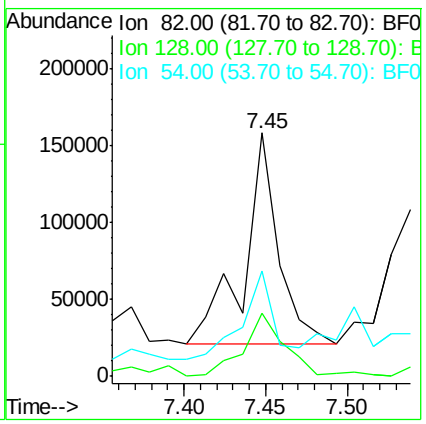


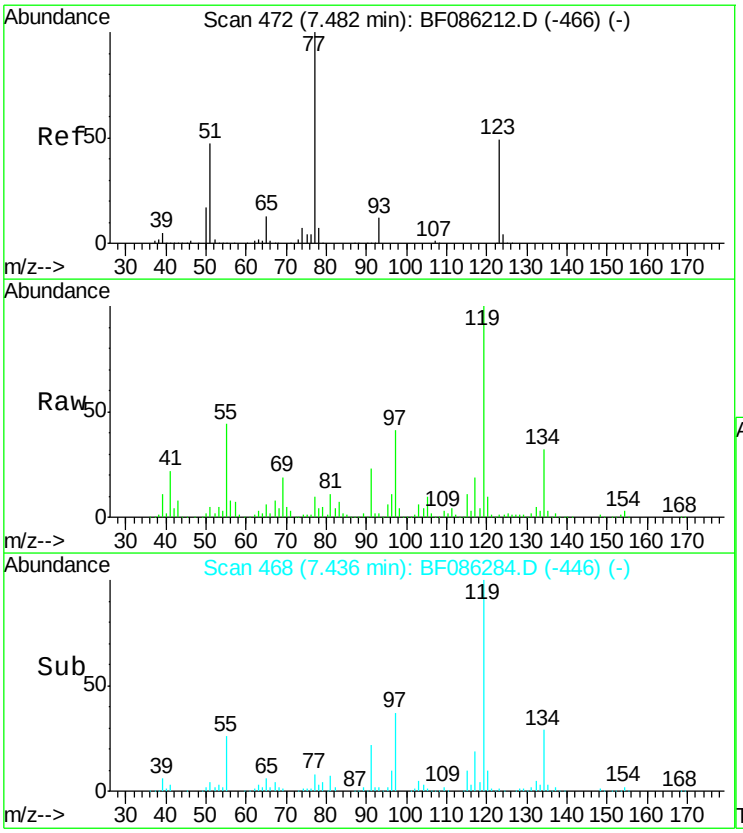
#23
Nitrobenzene-d5
Concen: 26.69 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 82 Resp: 203333

Ion	Ratio	Lower	Upper
82	100		
128	25.7	35.4	53.2#
54	43.2	43.4	65.0#

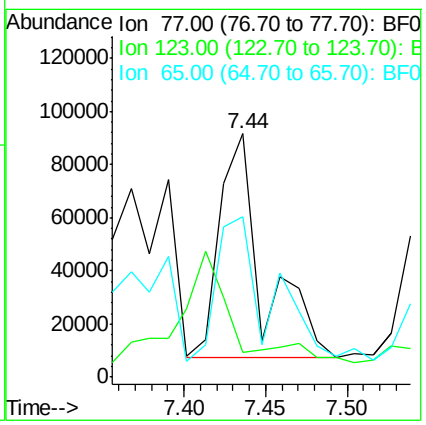


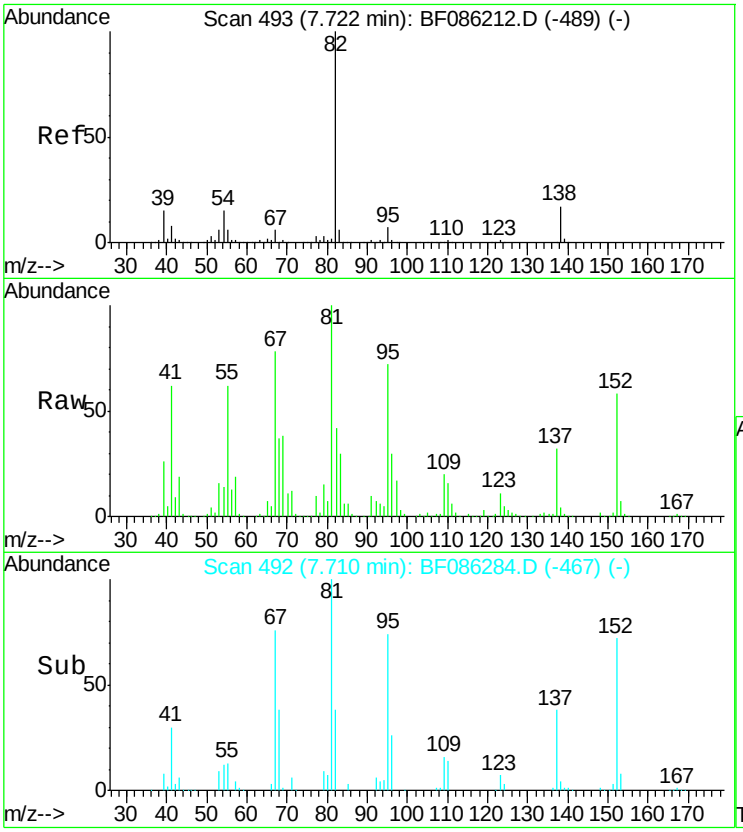


#24
Nitrobenzene
Concen: 18.53 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion: 77 Resp: 154410

Ion	Ratio	Lower	Upper
77	100		
123	10.0	38.3	57.5#
65	65.9	11.3	16.9#



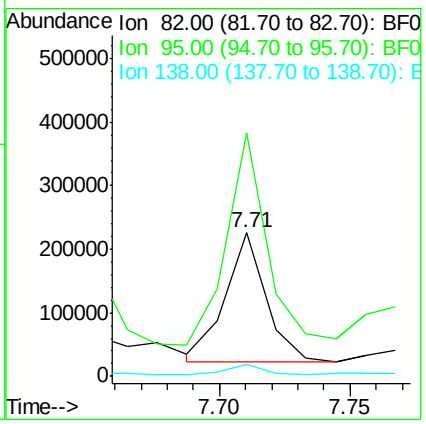


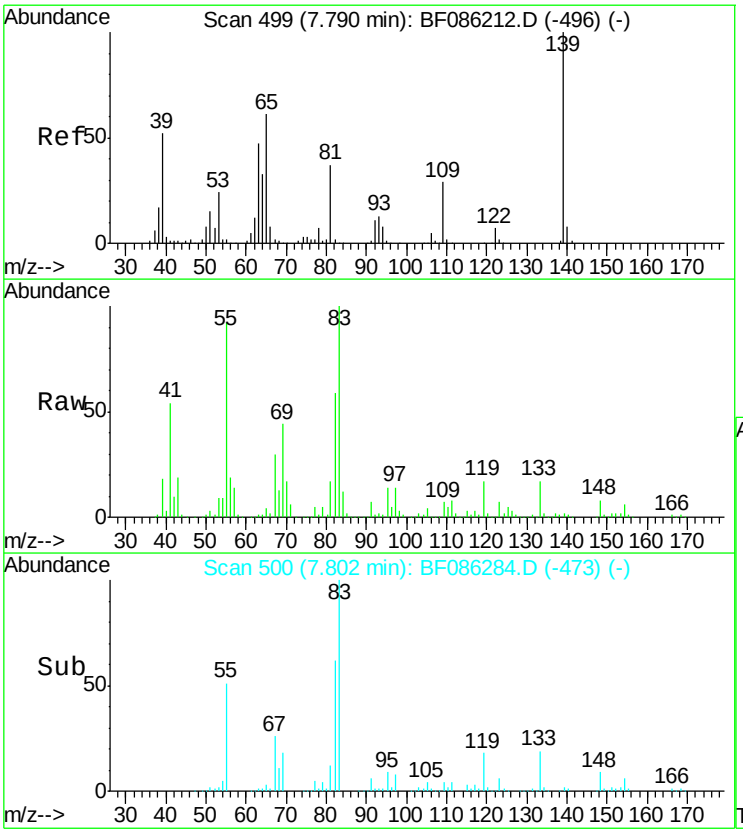
#25
Isophorone
Concen: 14.70 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 82 Resp: 222325

Ion	Ratio	Lower	Upper
82	100		
95	170.1	5.4	8.2#
138	8.5	13.4	20.2#

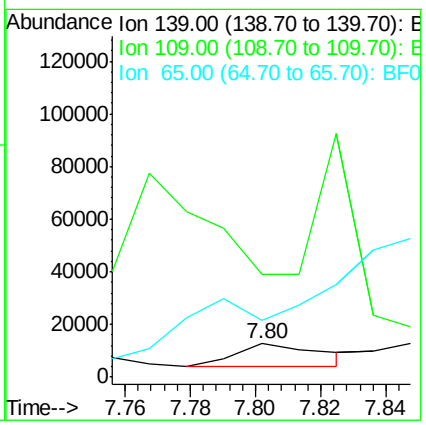


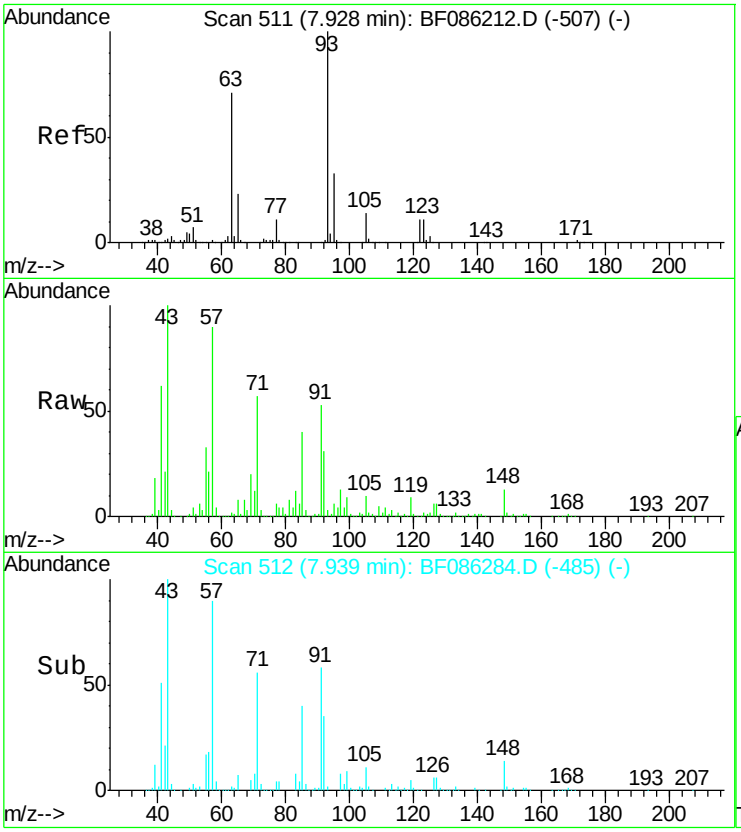


#26
2-Nitrophenol
Concen: 4.28 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:139 Resp: 15543

Ion	Ratio	Lower	Upper
139	100		
109	309.2	25.8	38.8#
65	169.1	50.2	75.2#



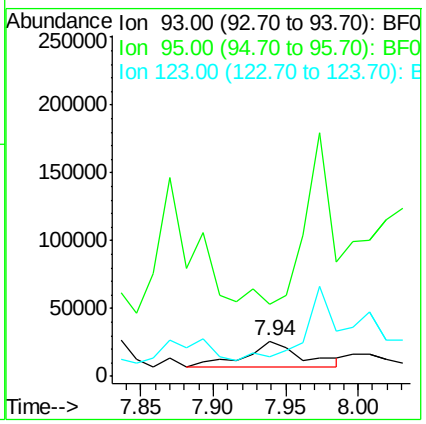


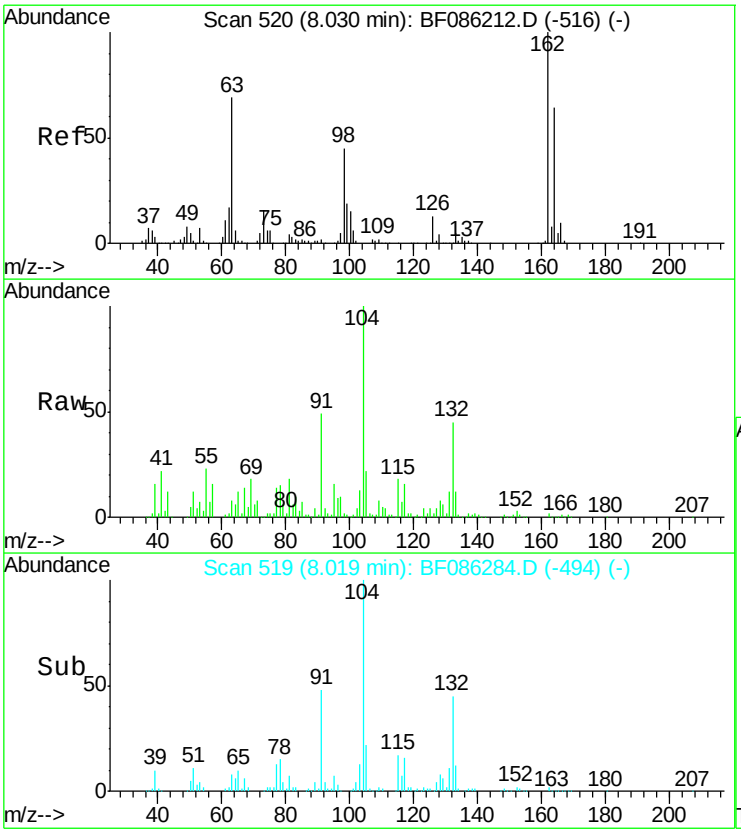
#28
bis(2-Chloroethoxy)methane
Concen: 5.92 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 93 Resp: 52645

Ion	Ratio	Lower	Upper
93	100		
95	207.6	25.8	38.8#
123	57.2	8.9	13.3#

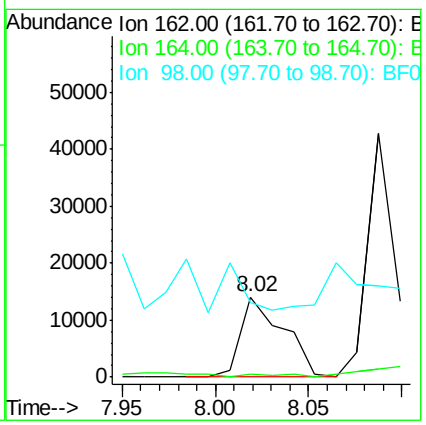


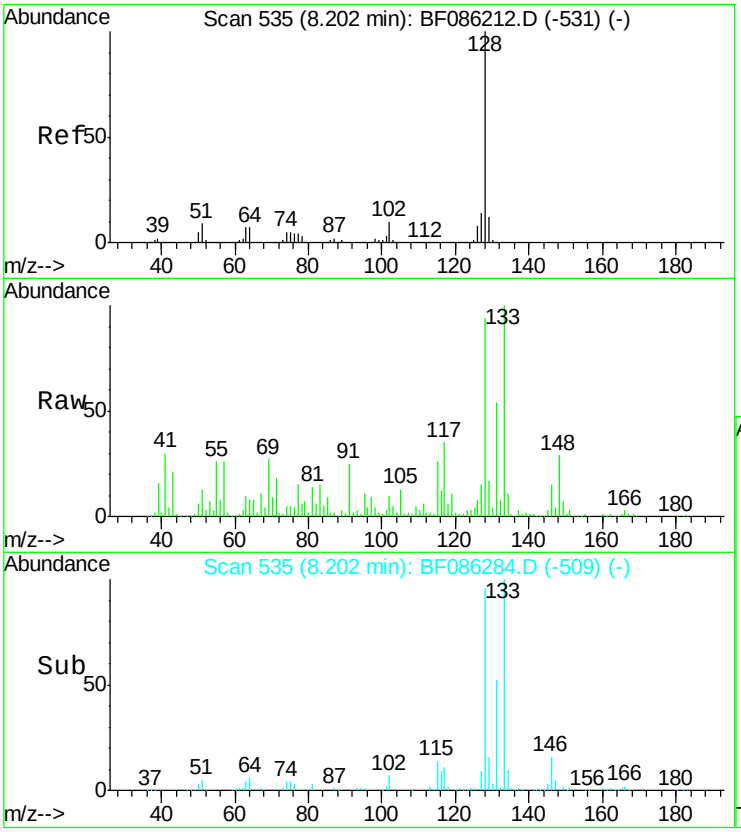


#29
2,4-Dichlorophenol
Concen: 4.03 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:162 Resp: 22467

Ion	Ratio	Lower	Upper
162	100		
164	3.5	43.3	83.3#
98	93.4	22.9	62.9#



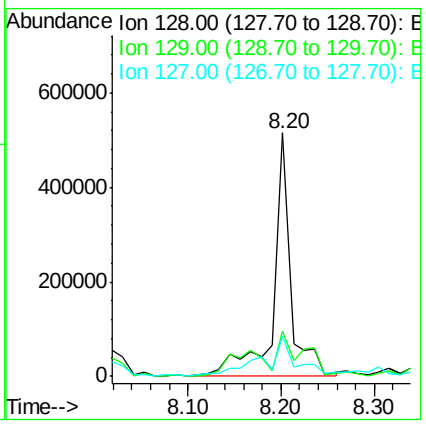


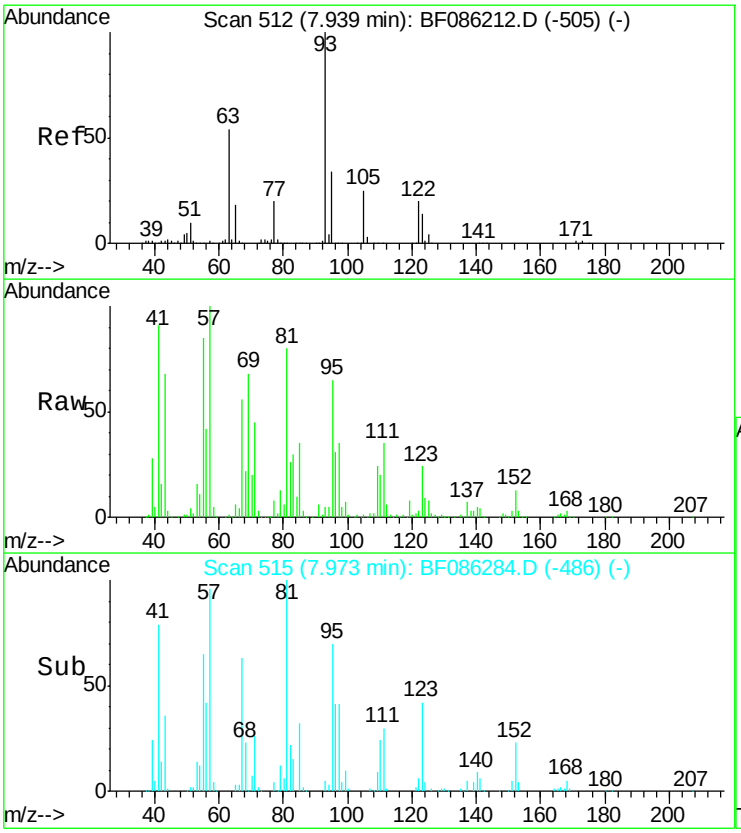
#31
Naphthalene
Concen: 33.43 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:128 Resp: 656080

Ion	Ratio	Lower	Upper
128	100		
129	18.4	9.6	14.4#
127	16.3	11.4	17.2

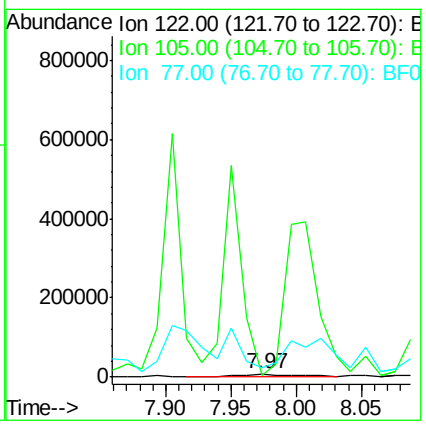


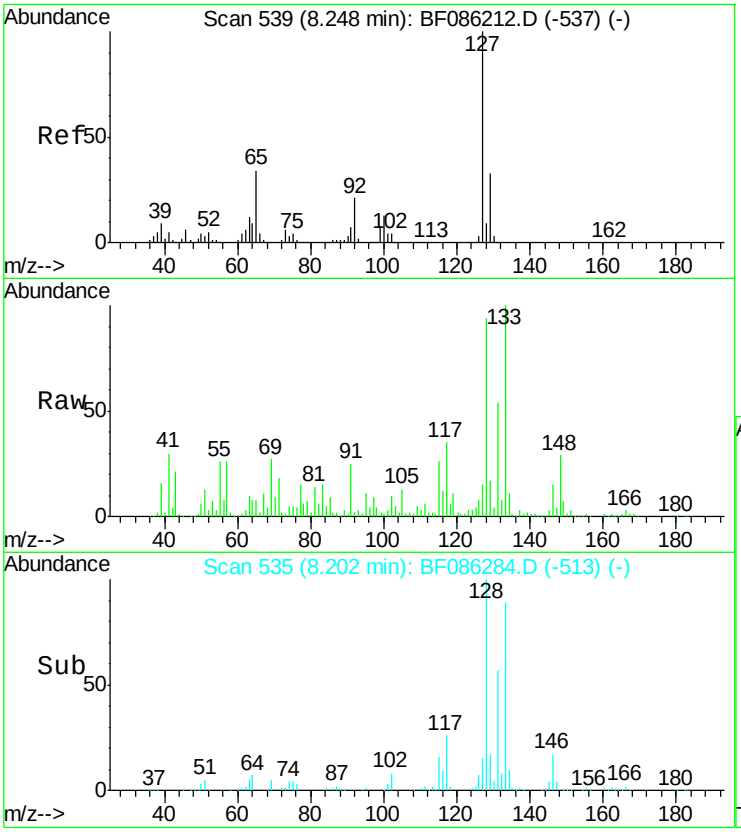


#32
Benzoic acid
Concen: 3.96 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.03 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:122 Resp: 18549

Ion	Ratio	Lower	Upper
122	100		
105	39.9	103.7	143.7#
77	260.7	74.9	114.9#



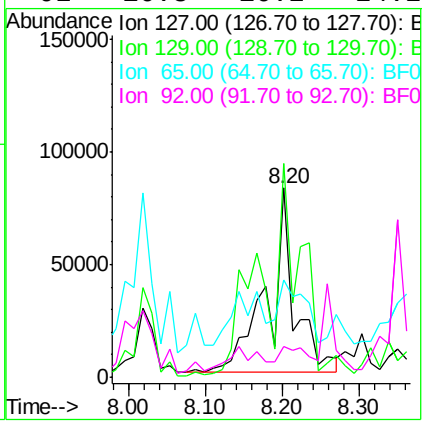


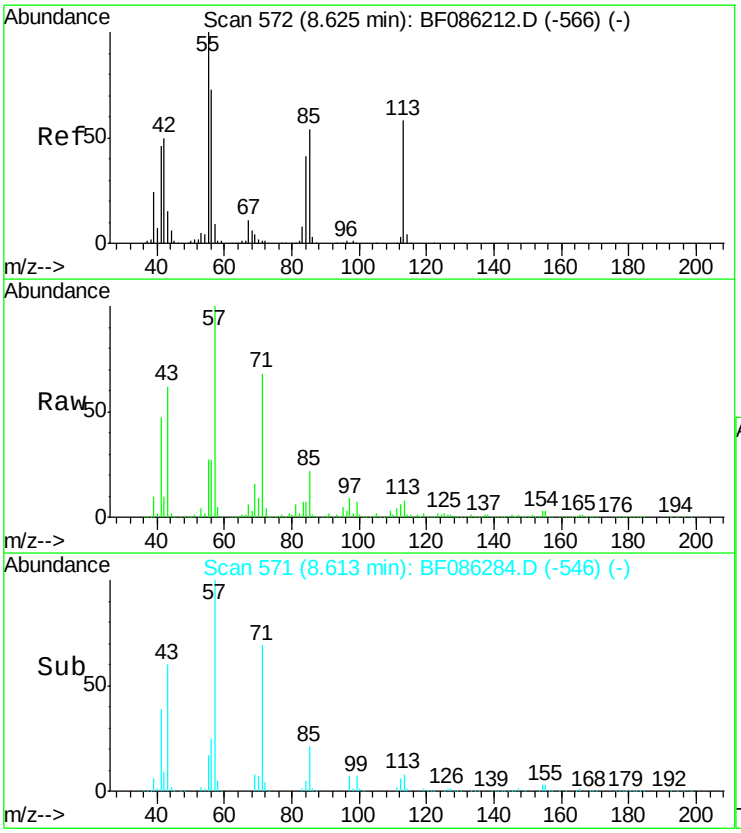
#33
4-Chloroaniline
Concen: 22.30 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:127 Resp: 195579

Ion	Ratio	Lower	Upper
127	100		
129	113.0	26.8	40.2#
65	51.6	27.1	40.7#
92	16.3	16.2	24.2

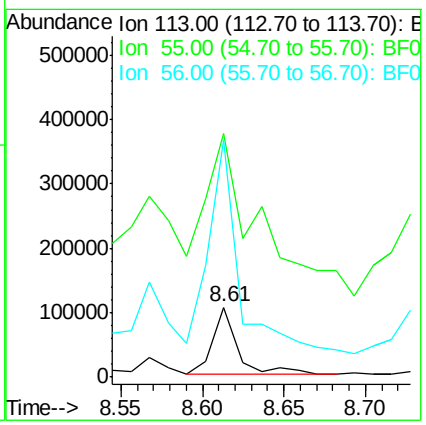


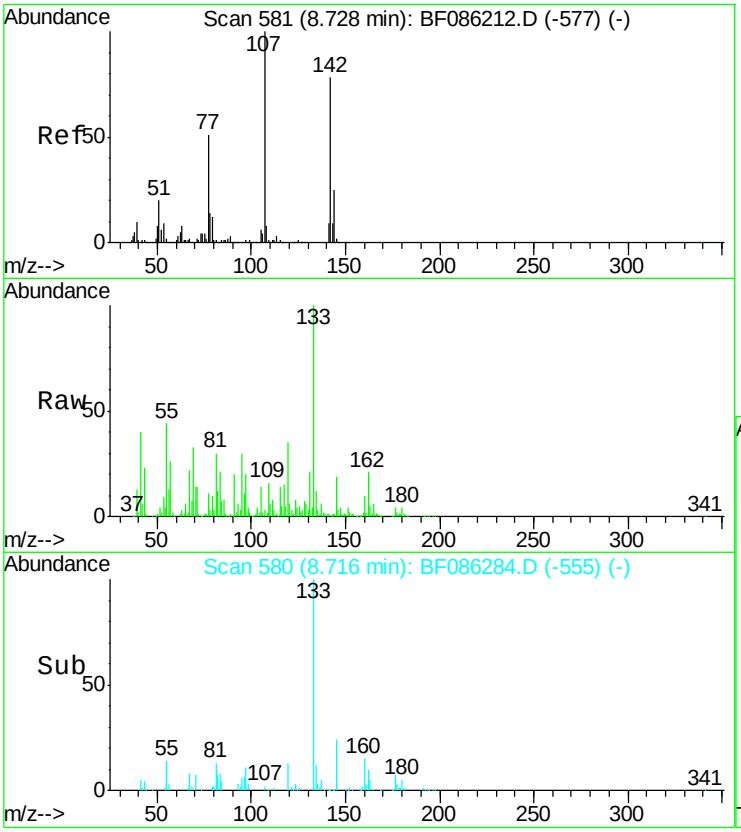


#35
Caprolactam
Concen: 52.66 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:113 Resp: 106325

Ion	Ratio	Lower	Upper
113	100		
55	349.6	117.5	157.5#
56	340.2	82.5	122.5#



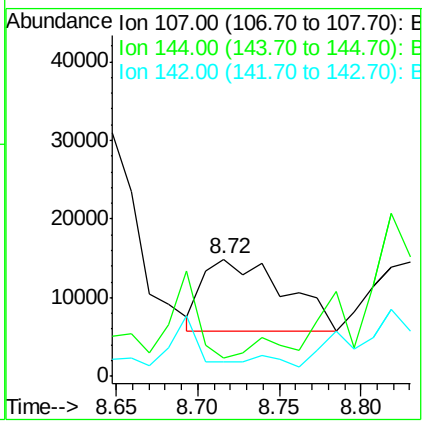


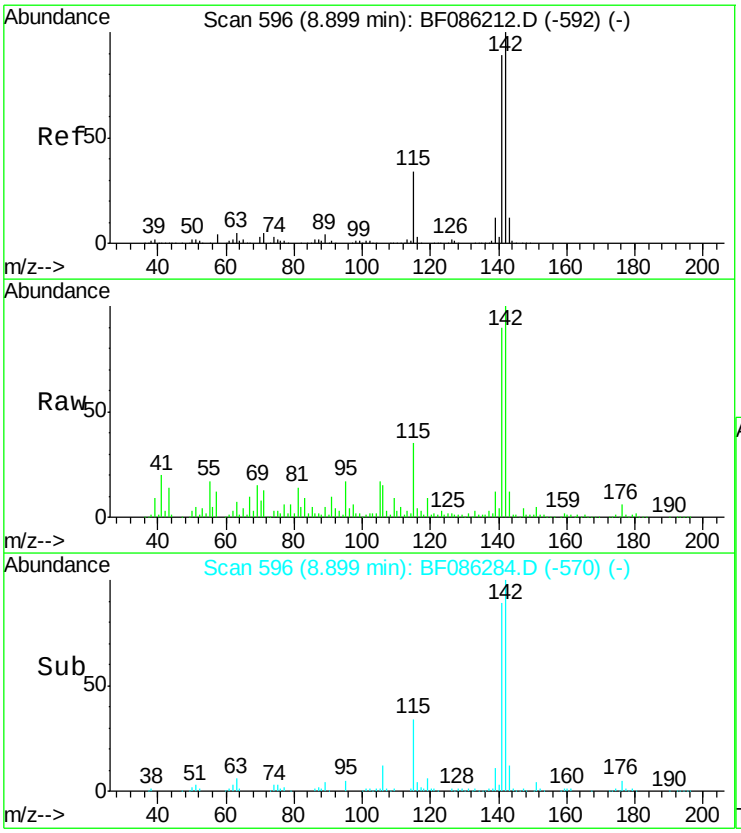
#36
4-Chloro-3-methylphenol
Concen: 4.84 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:107 Resp: 31301

Ion	Ratio	Lower	Upper
107	100		
144	15.1	20.7	31.1#
142	12.8	64.5	96.7#

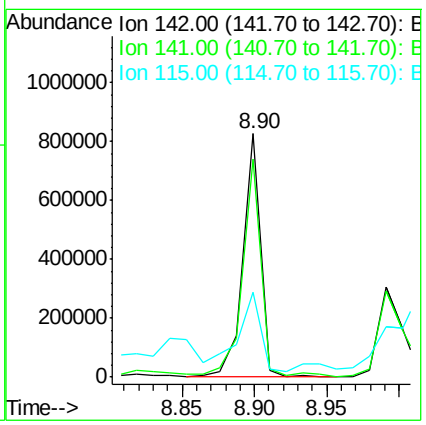


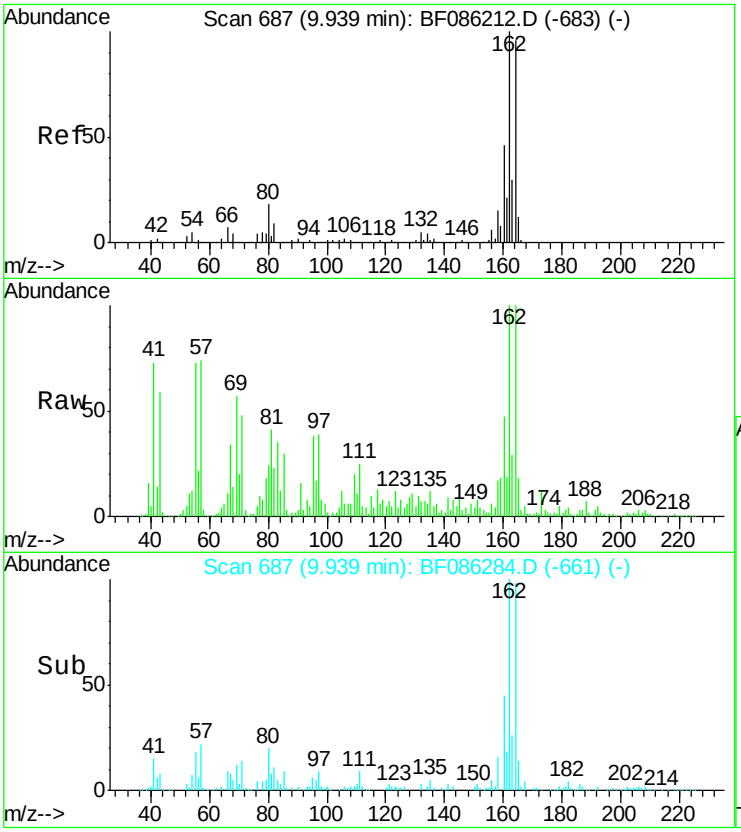


#37
2-Methylnaphthalene
Concen: 55.02 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:142 Resp: 698170

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	35.1	25.1	37.7



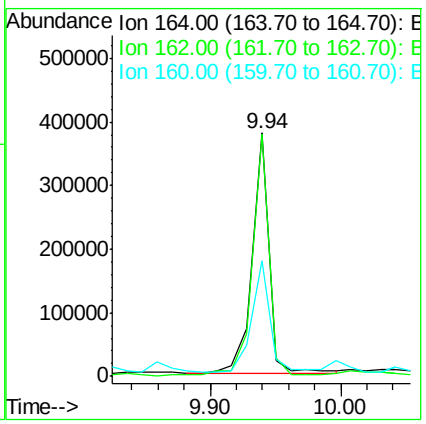


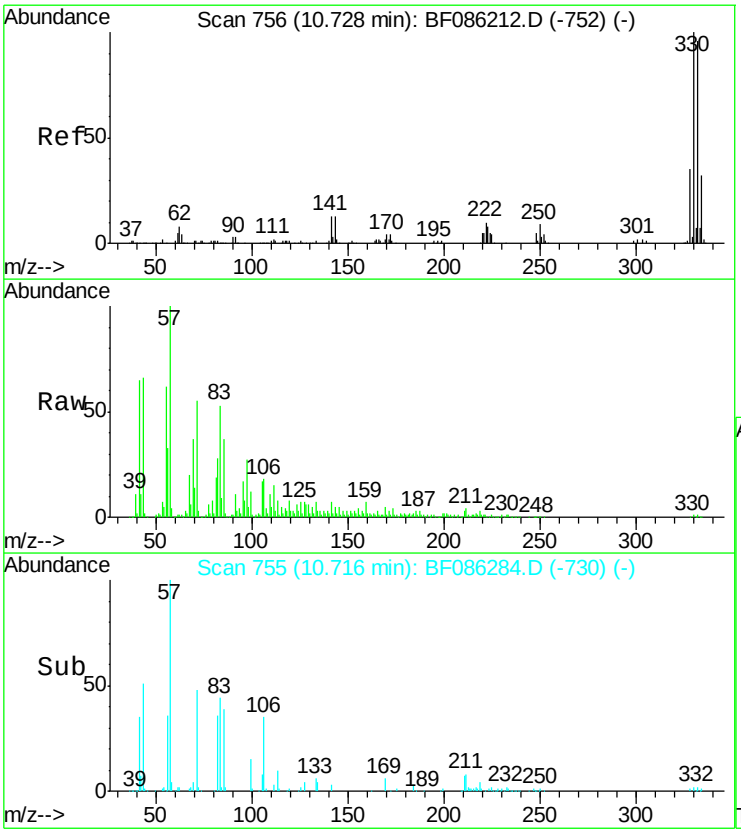
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:164 Resp: 349142

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.8	124.2
160	47.2	38.9	58.3

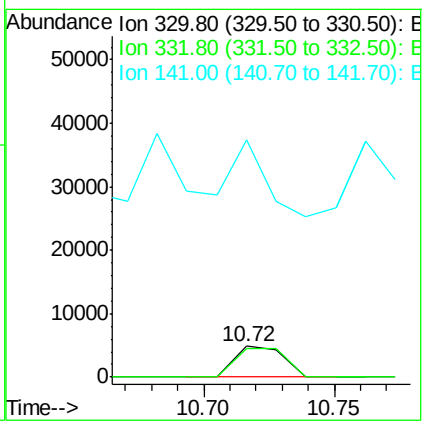


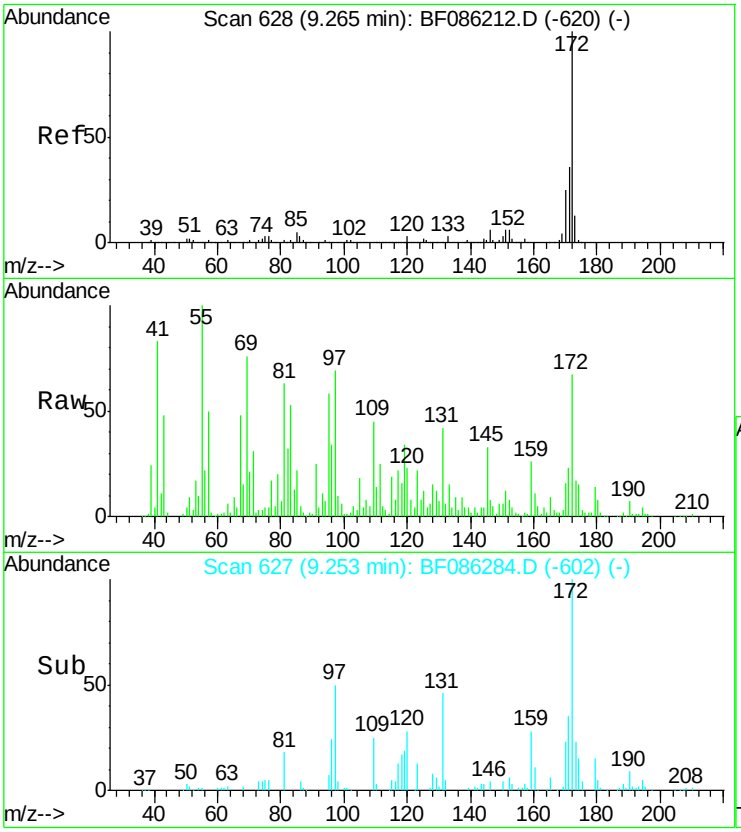


#41
2,4,6-Tribromophenol
Concen: 2.24 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:330 Resp: 6285

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.7	118.1
141	0.0	28.6	42.8#



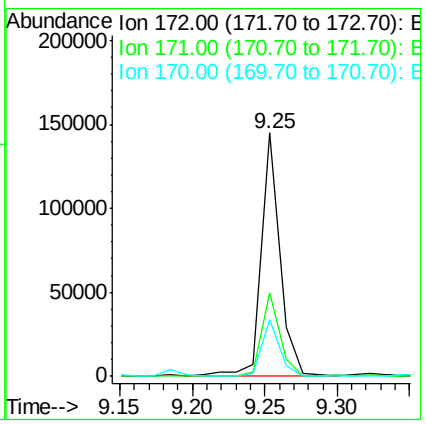


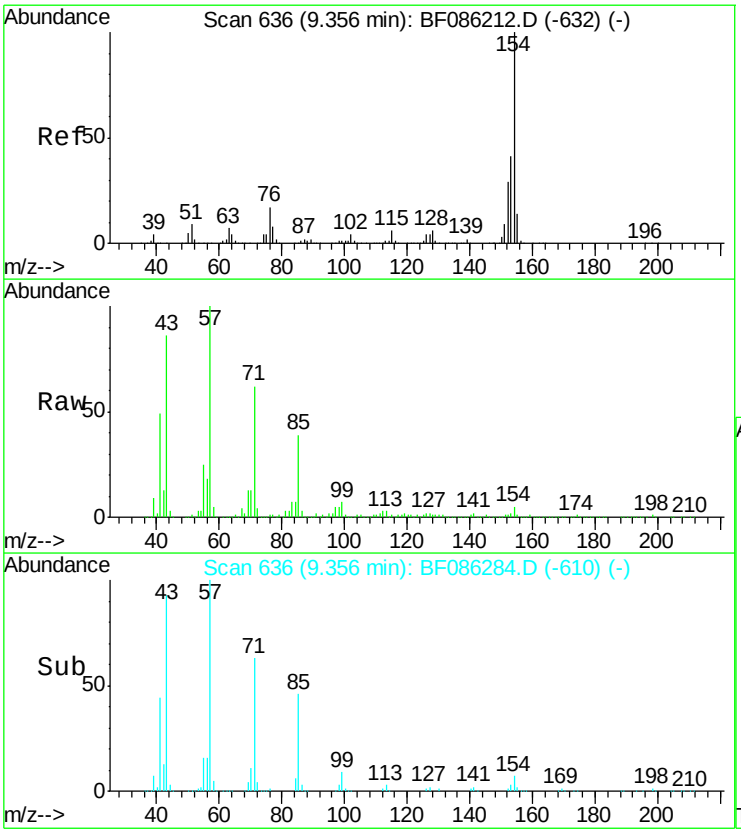
#44
2-Fluorobiphenyl
Concen: 6.90 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:172 Resp: 130628

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.1	43.7
170	23.4	19.9	29.9

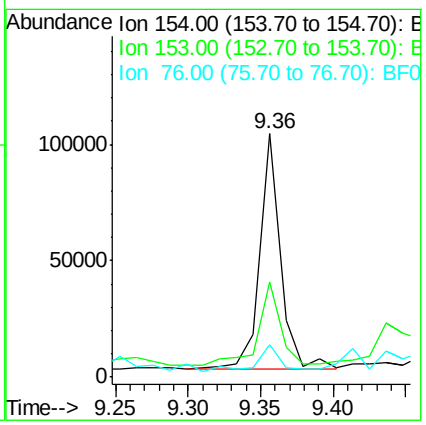


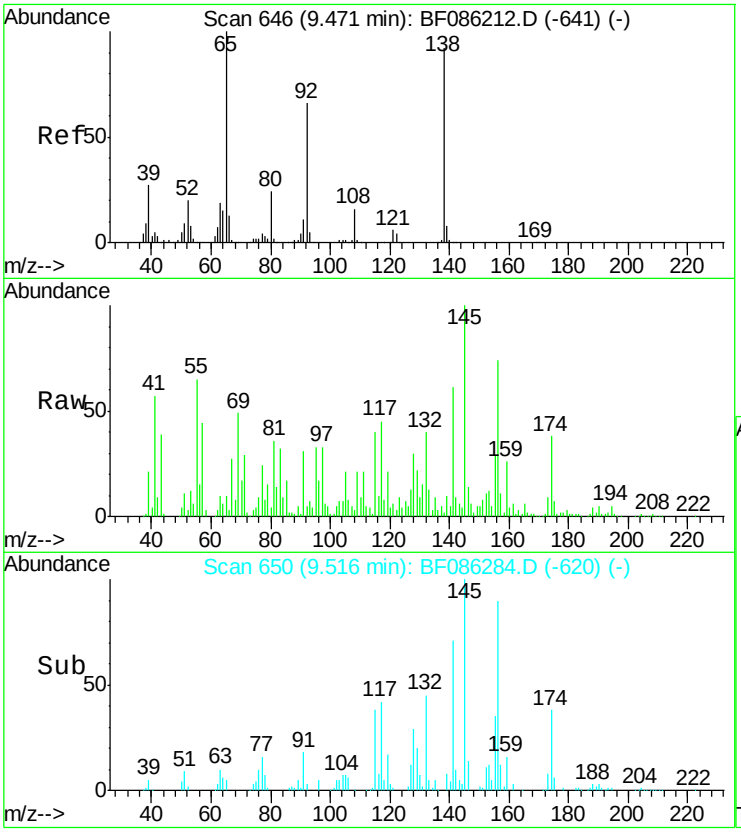


#45
1,1'-Biphenyl
Concen: 4.00 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:154 Resp: 100455

Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.3	61.3
76	13.2	0.0	36.4



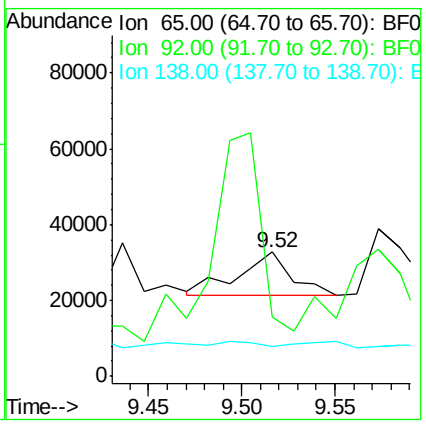


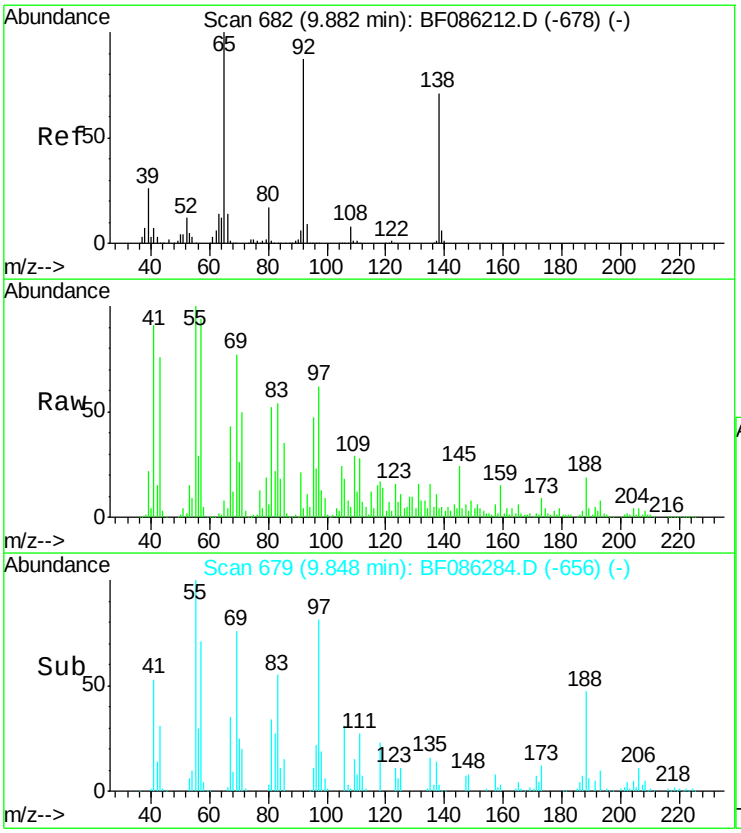
#47
2-Nitroaniline
Concen: 3.33 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.05 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 65 Resp: 22123

Ion	Ratio	Lower	Upper
65	100		
92	48.1	51.9	77.9#
138	24.5	72.6	108.8#

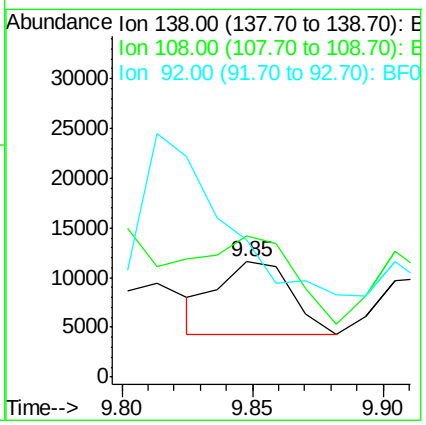


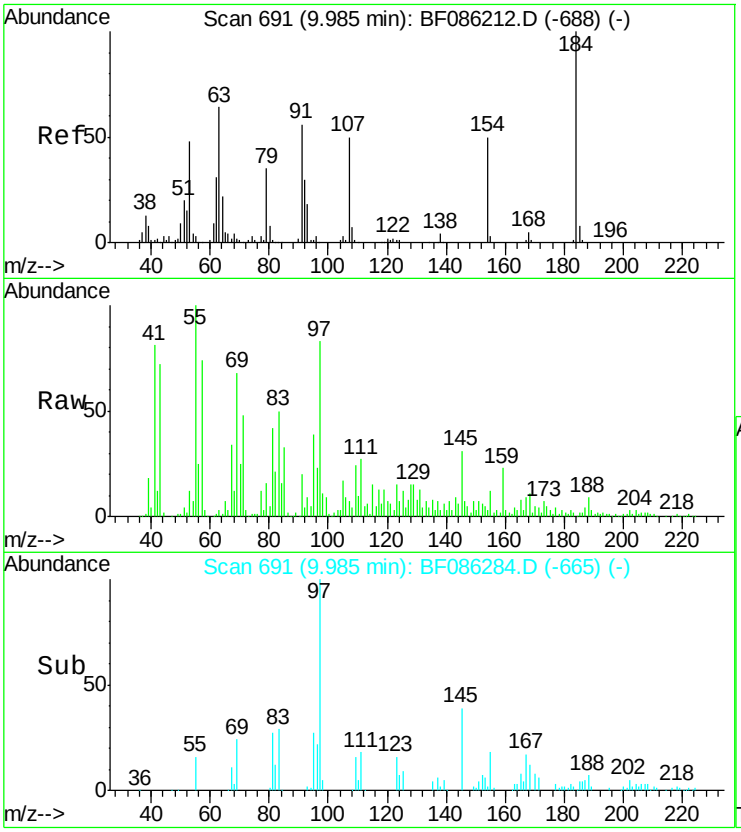


#52
3-Nitroaniline
Concen: 2.07 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:138 Resp: 14159

Ion	Ratio	Lower	Upper
138	100		
108	123.2	9.0	13.4#
92	119.2	99.3	148.9



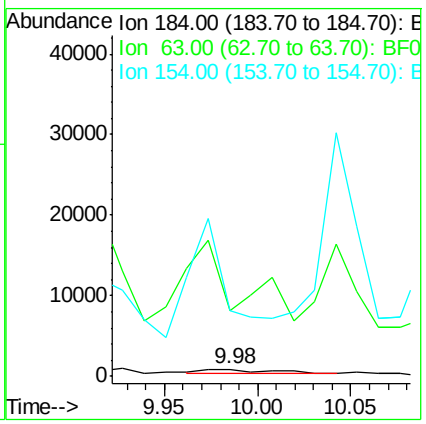


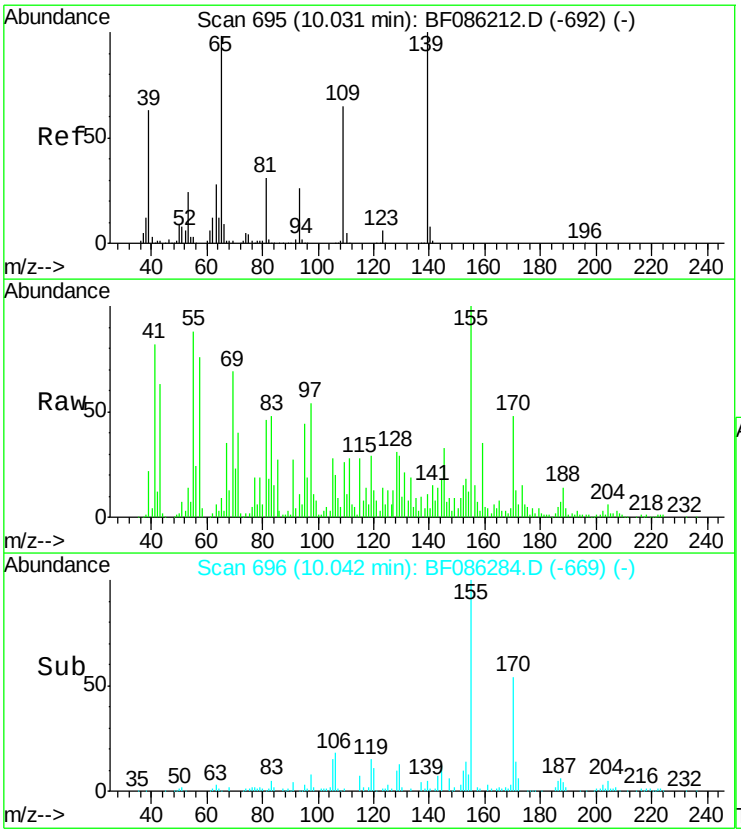
#53
2,4-Dinitrophenol
Concen: 5.02 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:184 Resp: 1566

Ion	Ratio	Lower	Upper
184	100		
63	888.5	64.7	97.1#
154	892.7	59.4	89.2#

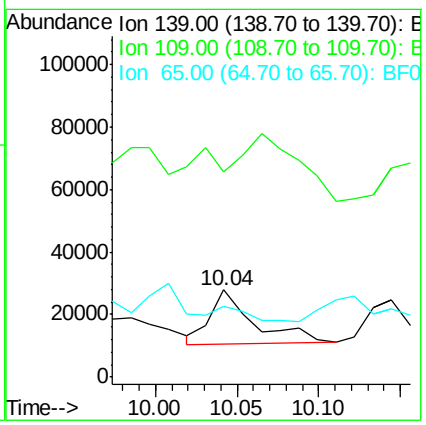


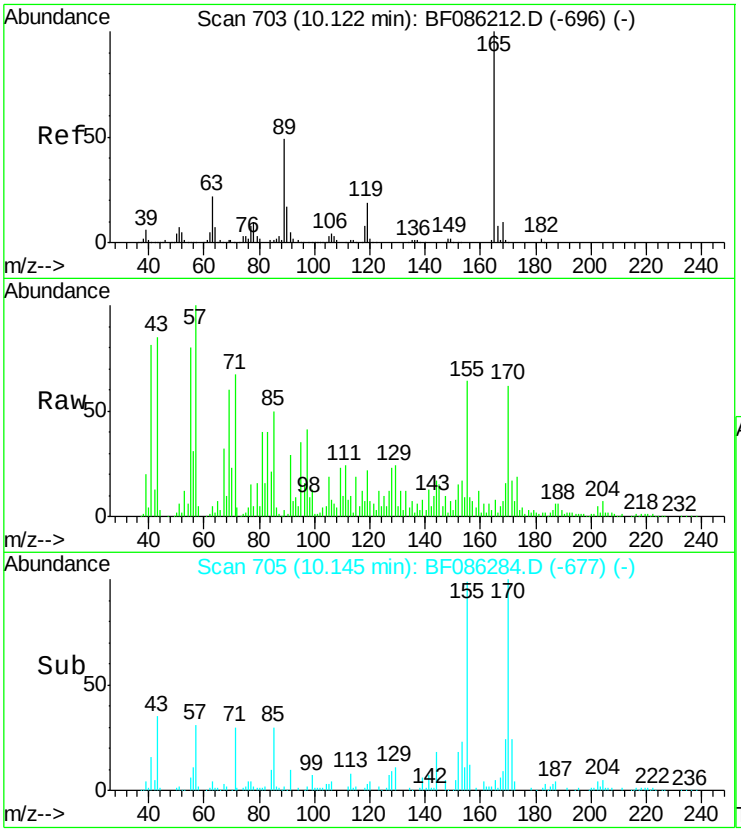


#55
4-Nitrophenol
Concen: 6.05 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:139 Resp: 32327

Ion	Ratio	Lower	Upper
139	100		
109	235.0	55.0	95.0#
65	80.6	87.3	127.3#



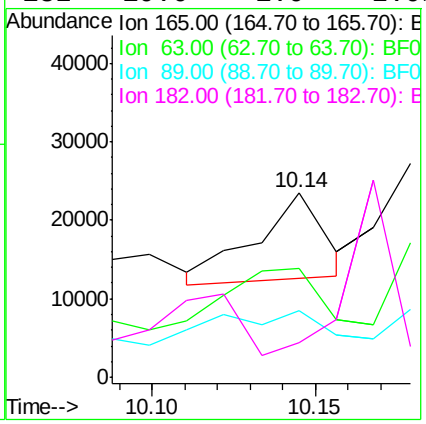


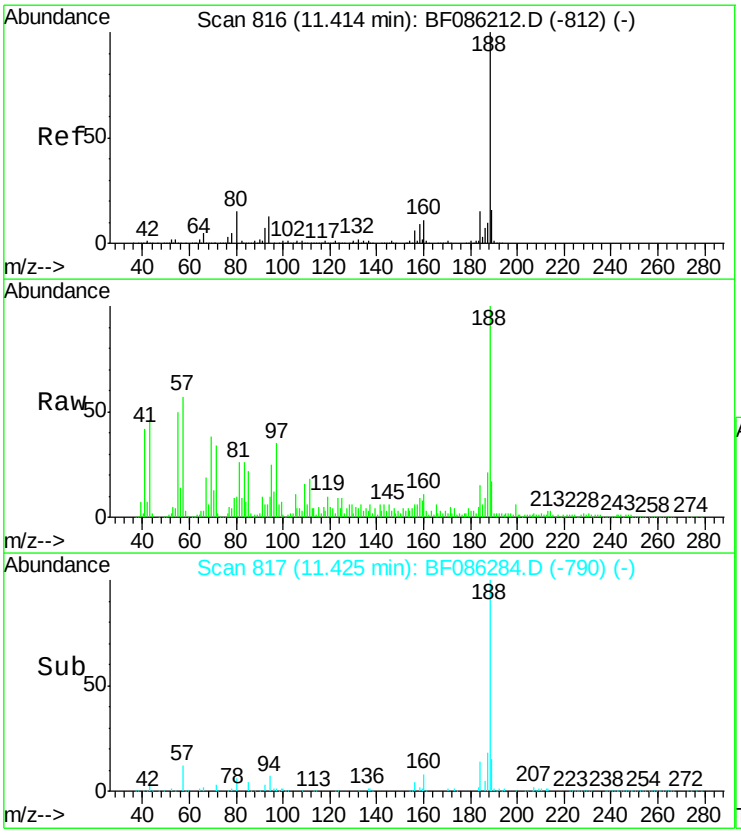
#56
2,4-Dinitrotoluene
Concen: 2.26 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:165 Resp: 16233

Ion	Ratio	Lower	Upper
165	100		
63	58.9	26.6	40.0#
89	36.1	49.5	74.3#
182	19.0	1.9	2.9#

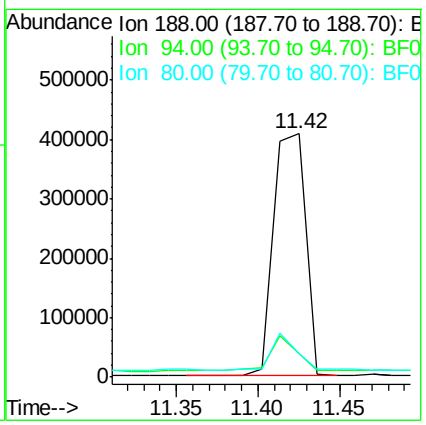


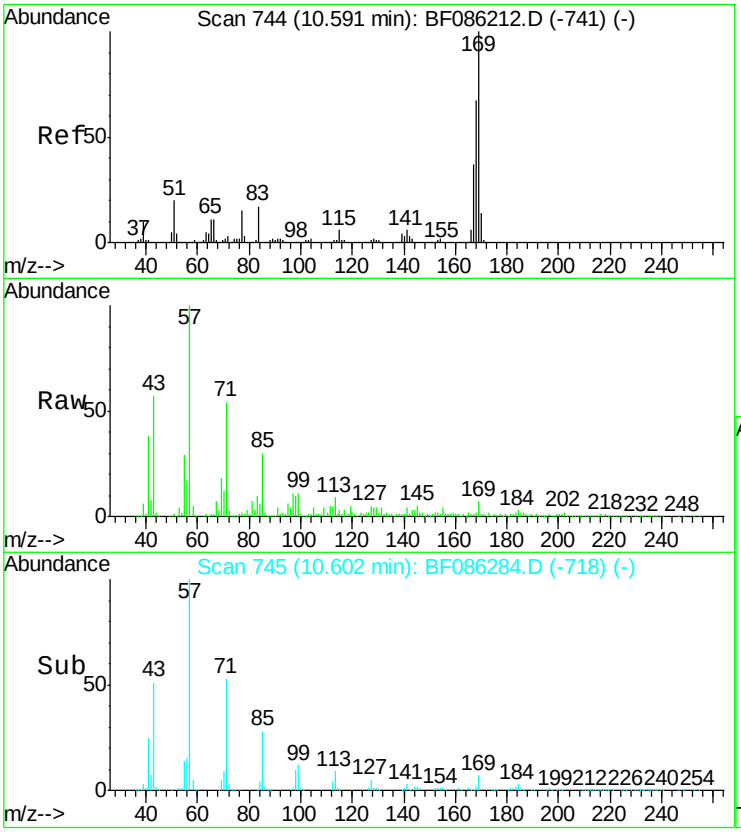


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:188 Resp: 562336

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.8	14.8#
80	9.6	10.5	15.7#



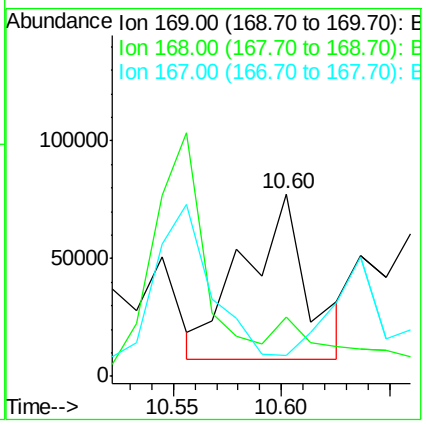


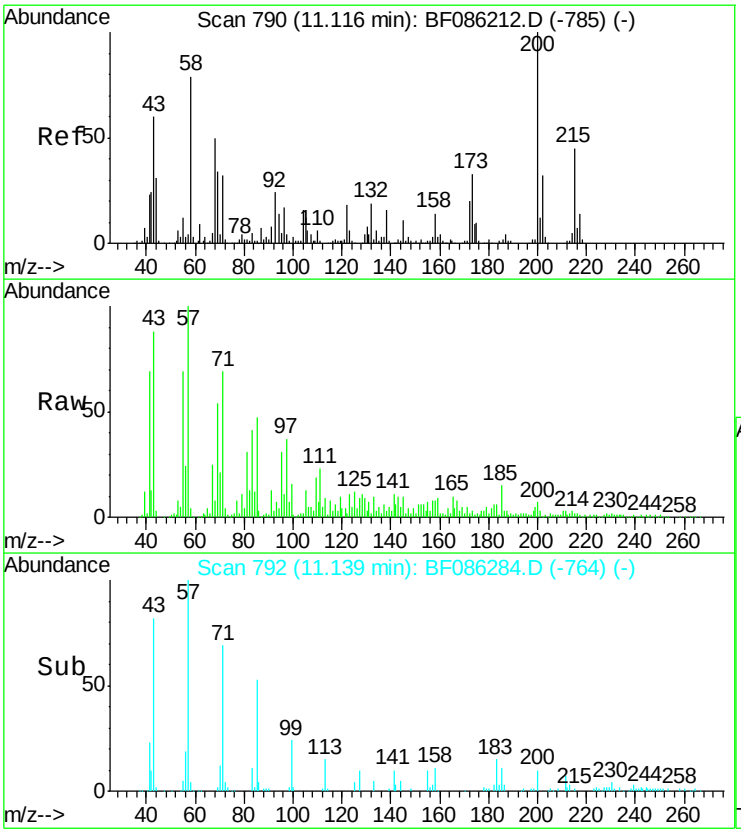
#65
n-Nitrosodiphenylamine
Concen: 8.38 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:169 Resp: 144273

Ion	Ratio	Lower	Upper
169	100		
168	32.5	54.3	81.5#
167	11.5	30.2	45.2#

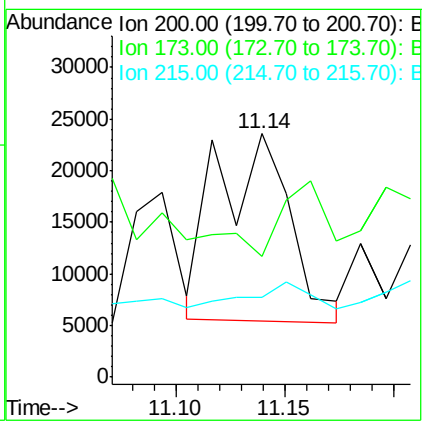


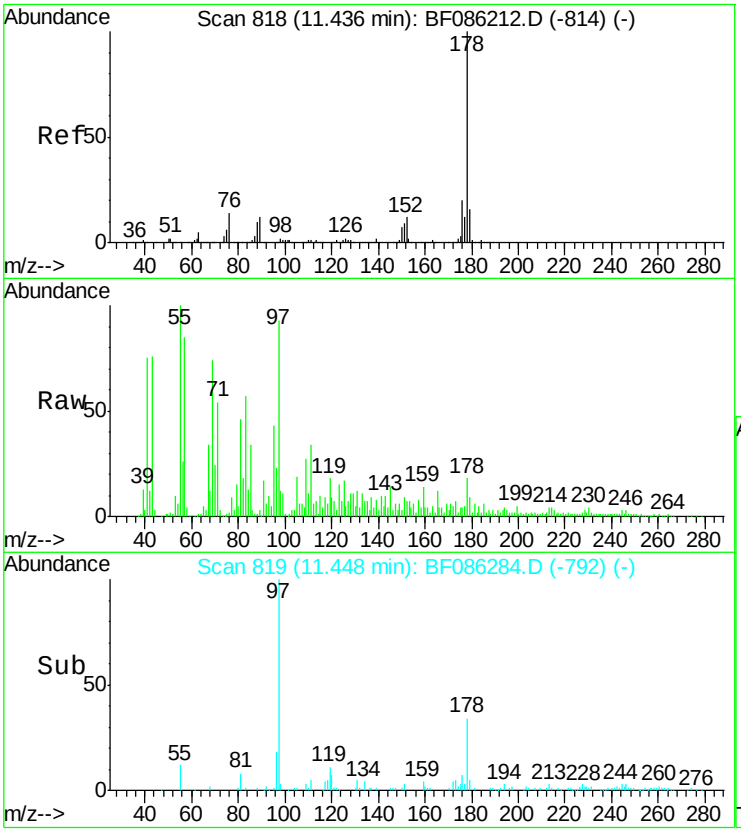


#68
Atrazine
Concen: 8.00 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.02 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:200 Resp: 42219

Ion	Ratio	Lower	Upper
200	100		
173	49.5	11.2	51.2
215	32.6	24.0	64.0



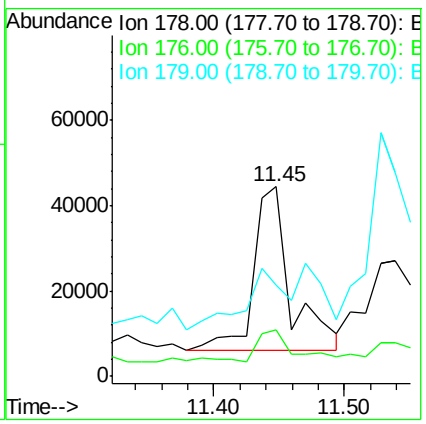


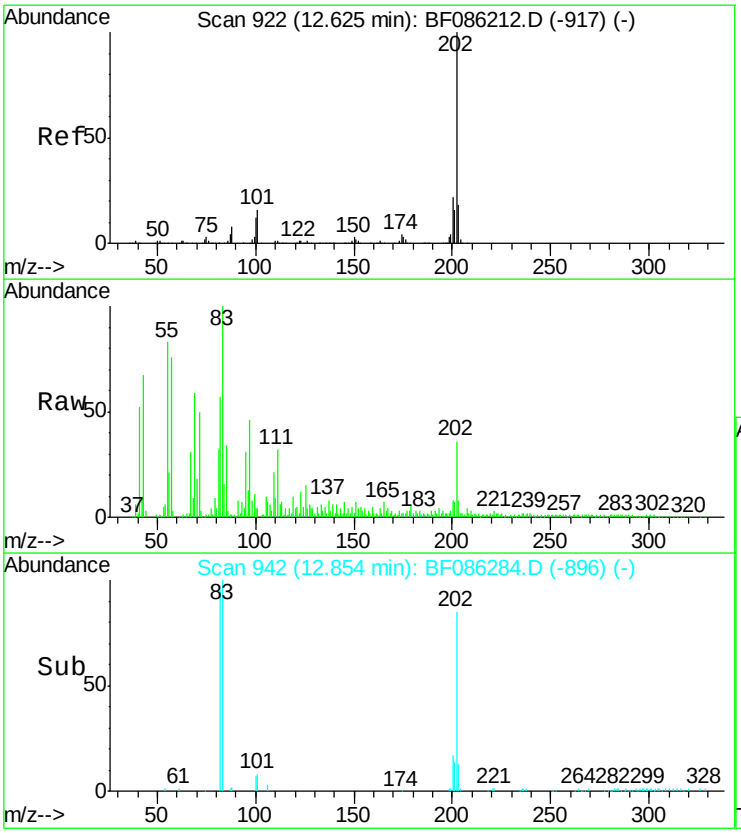
#70
Phenanthrene
Concen: 2.87 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:178 Resp: 77097

Ion	Ratio	Lower	Upper
178	100		
176	24.4	16.3	24.5
179	48.5	13.0	19.6#

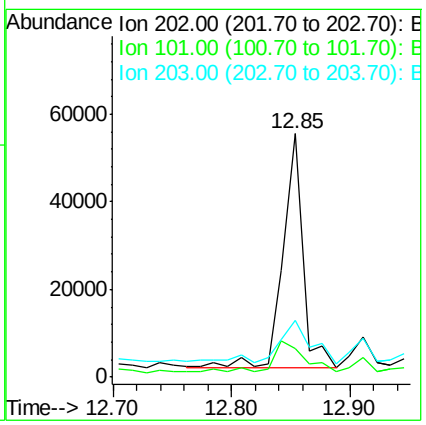


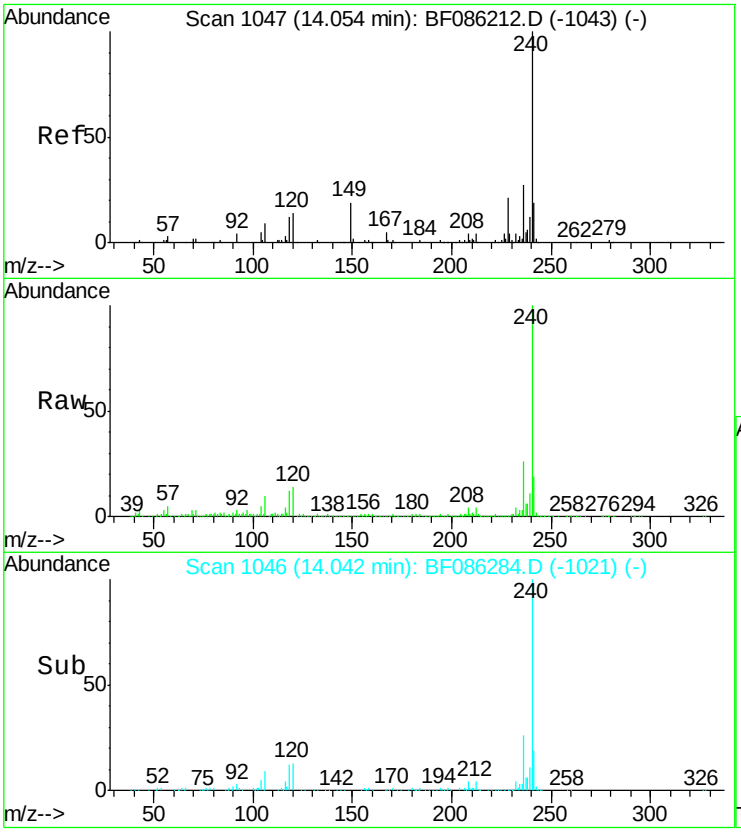


#74
Fluoranthene
Concen: Below Cal
RT: 12.85 min Scan# 942
Delta R.T. 0.23 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:202 Resp: 61339

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	35.2
203	23.2	0.0	38.2



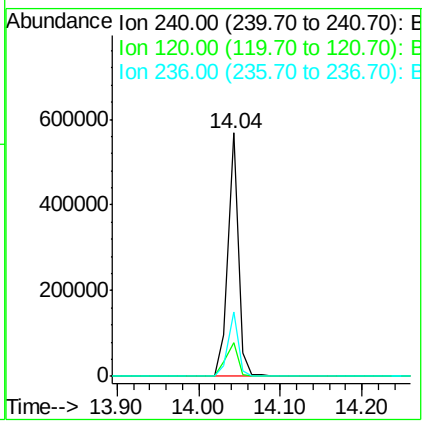


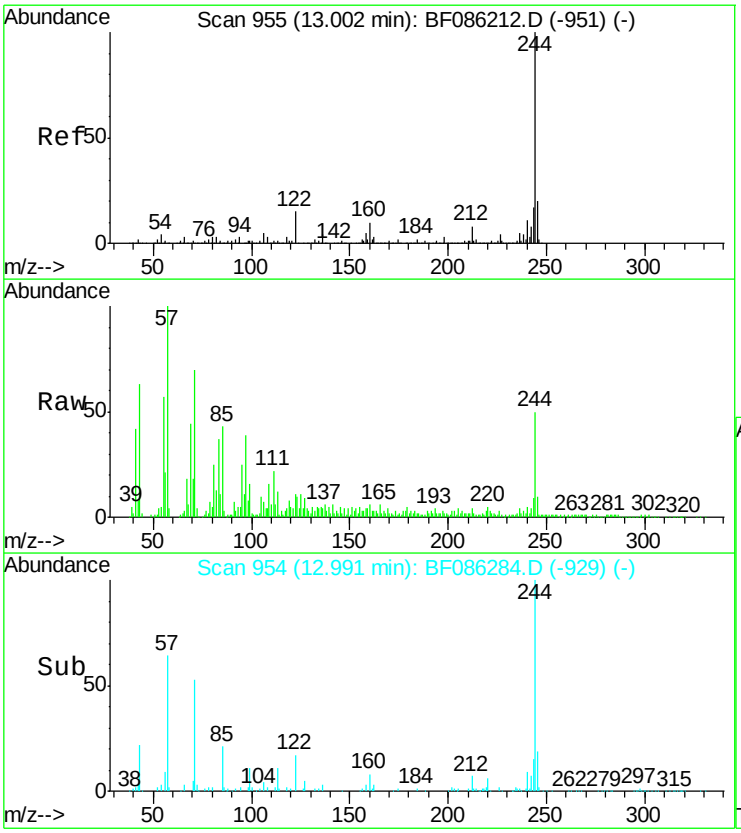
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:240 Resp: 503904

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.3	13.9
236	26.4	21.1	31.7

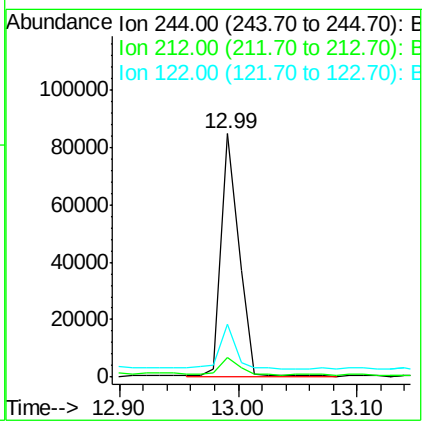


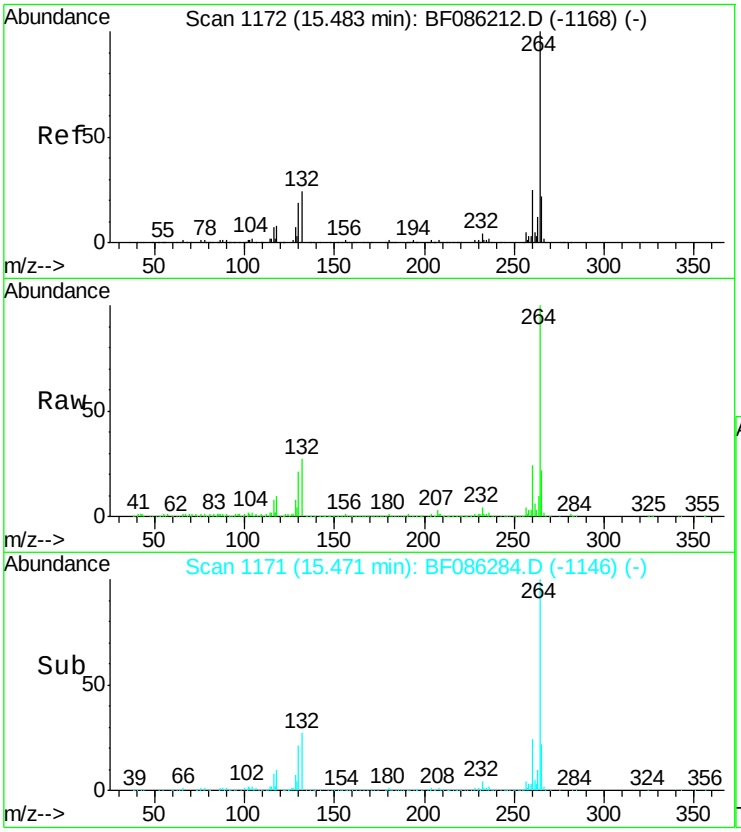


#78
Terphenyl-d14
Concen: 4.41 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:244 Resp: 88438

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	21.7	11.7	17.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:264 Resp: 514806

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.8	17.4	26.0