Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086285.D
Acq On : 18 Apr 2016 16:44
Operator : UM/SJ
Sample : H2334-03DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-04062016DL

Quant Time: Apr 19 00:50:59 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	270979	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	481281	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	377860	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	601333	20.00	ng		0.00
75) Chrysene-d12	14.04	240	517810	20.00	ng		-0.01
86) Perylene-d12	15.47	264	517848	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	94128	5.69	ng		-0.01
7) Phenol-d6	6.50	99	90030	4.35	ng		-0.02
23) Nitrobenzene-d5	7.45	82	318391	38.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	24617	8.11	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	334289	16.33	ng		-0.01
78) Terphenyl-d14	12.99	244	212125	10.30	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	245602	16.73	ng	#	1
18) Hexachloroethane	7.39	117	135090	18.94	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	38504	2.91	ng	#	30
22) Acetophenone	7.29	105	658081	91.49	ng	#	47
24) Nitrobenzene	7.44	77	142202	15.59	ng	#	29
25) Isophorone	7.71	82	221957	13.41	ng	#	1
26) 2-Nitrophenol	7.80	139	13969	3.51	ng	#	1
28) bis(2-Chloroethoxy)methane	7.94	93	51529	5.29	ng	#	1
29) 2,4-Dichlorophenol	8.02	162	19374	3.17	ng	#	26
31) Naphthalene	8.20	128	703878	32.75	ng	#	92
32) Benzoic acid	7.97	122	18122	3.53	ng	#	1
33) 4-Chloroaniline	8.20	127	198637	20.68	ng	#	35
35) Caprolactam	8.61	113	108294	48.97	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	28549	4.03	ng	#	43
37) 2-Methylnaphthalene	8.90	142	710480	51.13	ng		98
45) 1,1'-Biphenyl	9.36	154	93866	3.45	ng		93
47) 2-Nitroaniline	9.52	65	24692	3.43	ng	#	51
50) 2,6-Dinitrotoluene	9.71	165	14468	2.38	ng	#	45
53) 2,4-Dinitrophenol	10.01	184	1346	4.88	ng	#	1
55) 4-Nitrophenol	10.04	139	26894	4.65	ng	#	10
56) 2,4-Dinitrotoluene	10.14	165	22322	2.87	ng	#	62
57) Fluorene	10.48	166	65088	Below Cal		#	24
60) 4-Chlorophenyl-phenylether	10.42	204	8580	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.60	169	118276	6.42	ng	#	60
68) Atrazine	11.14	200	34174	6.06	ng		73
70) Phenanthrene	11.44	178	73631	2.56	ng	#	65
74) Fluoranthene	12.85	202	53286	Below Cal			93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 16:44
Operator : UM/SJ
Sample : H2334-03DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
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TW-3-04062016DL

Quant Time: Apr 19 00:50:59 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
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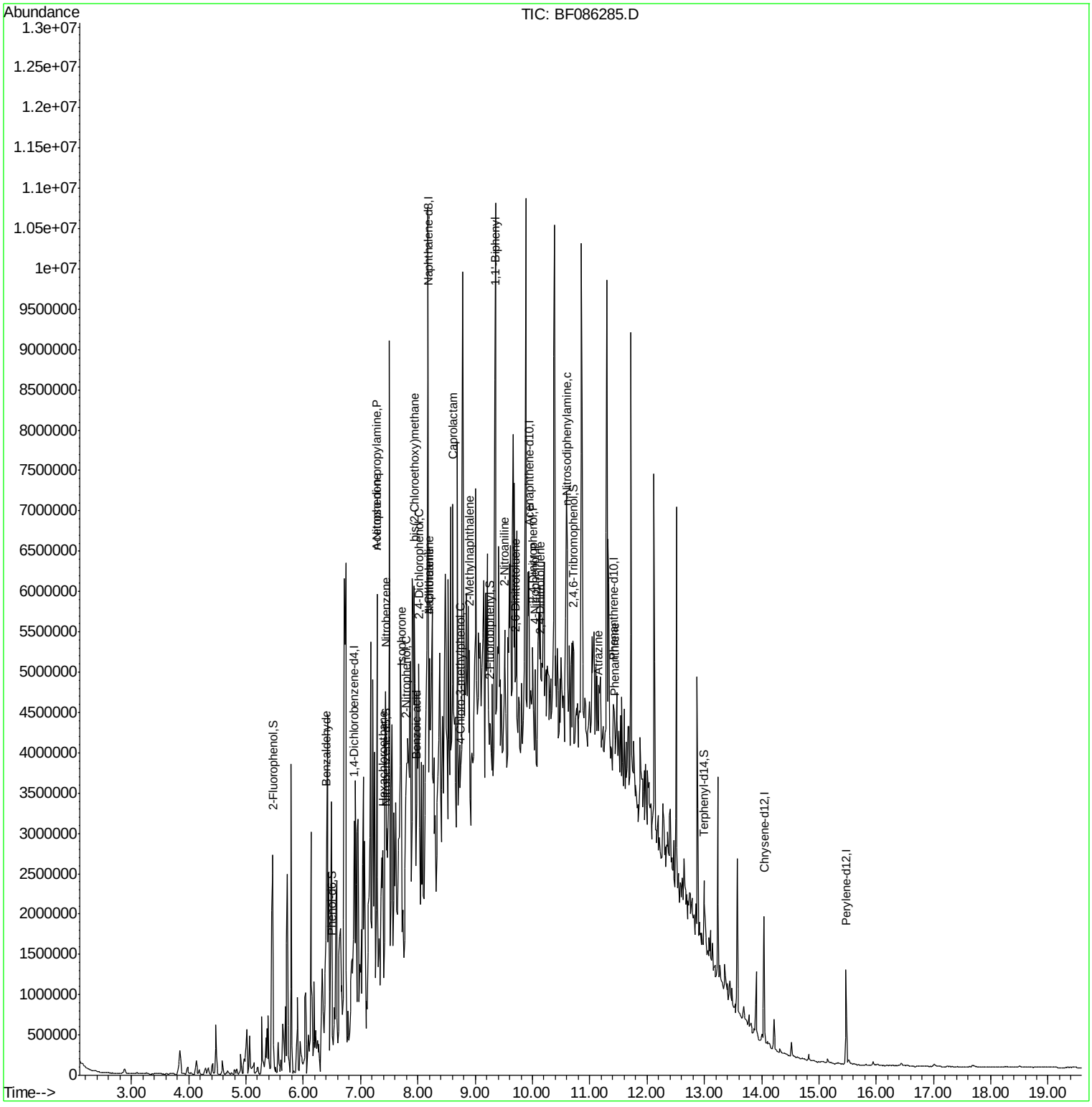
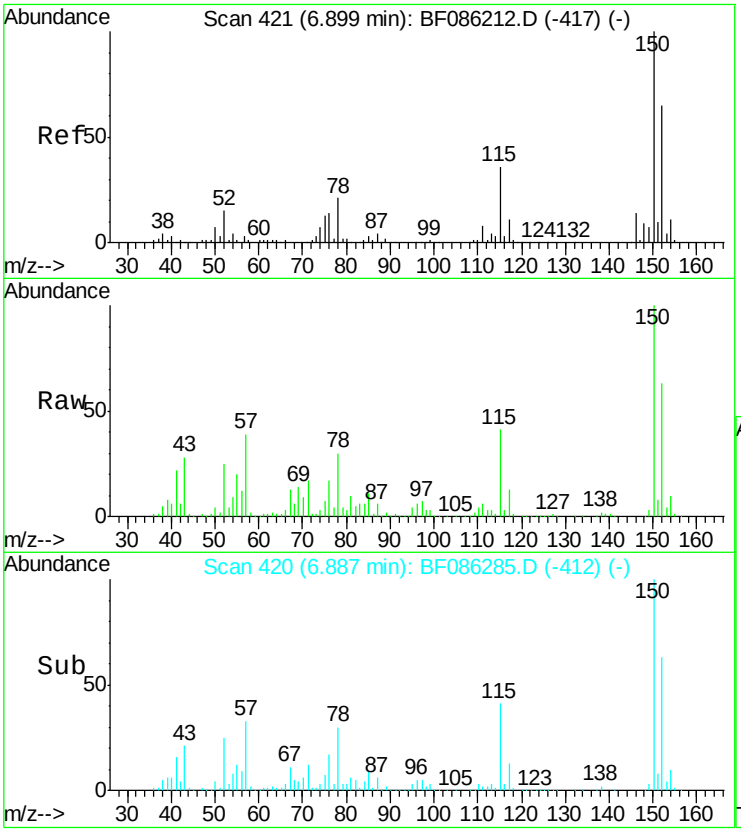


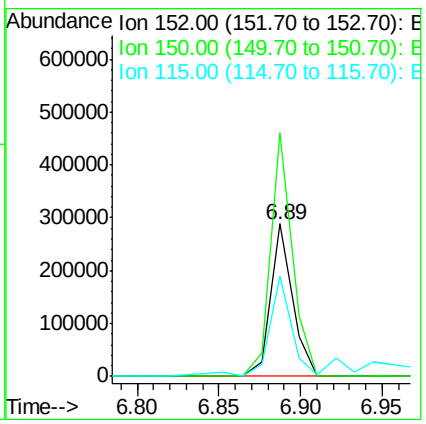


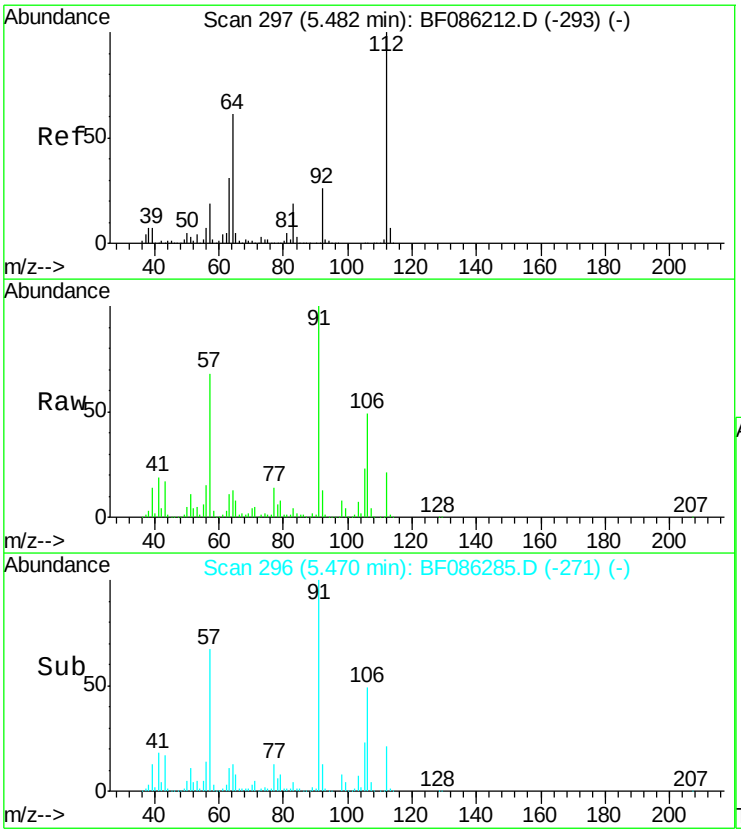
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:152 Resp: 270979

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.1	186.1
115	65.9	43.9	65.9#

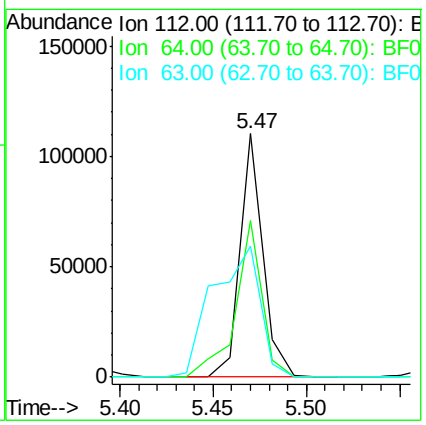


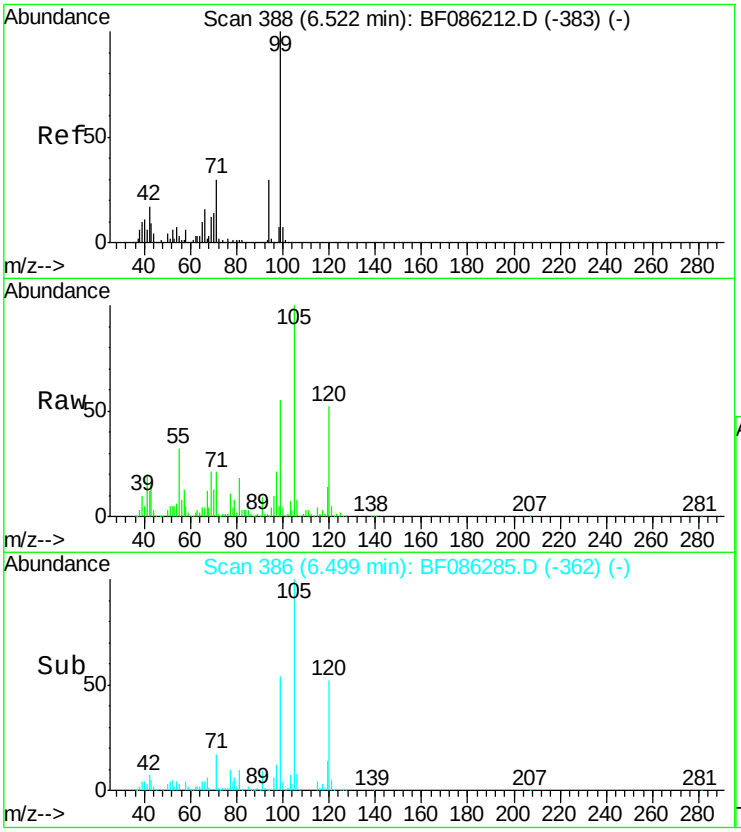


#5
2-Fluorophenol
Concen: 5.69 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:112 Resp: 94128

Ion	Ratio	Lower	Upper
112	100		
64	64.1	48.1	72.1
63	53.9	25.5	38.3#



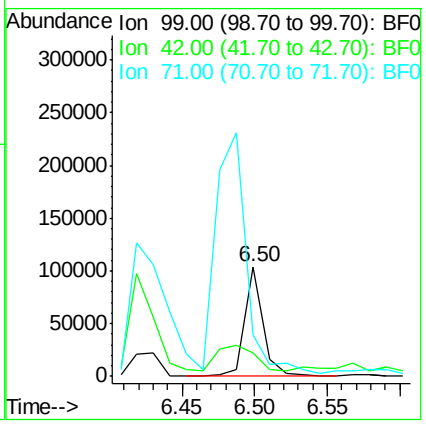


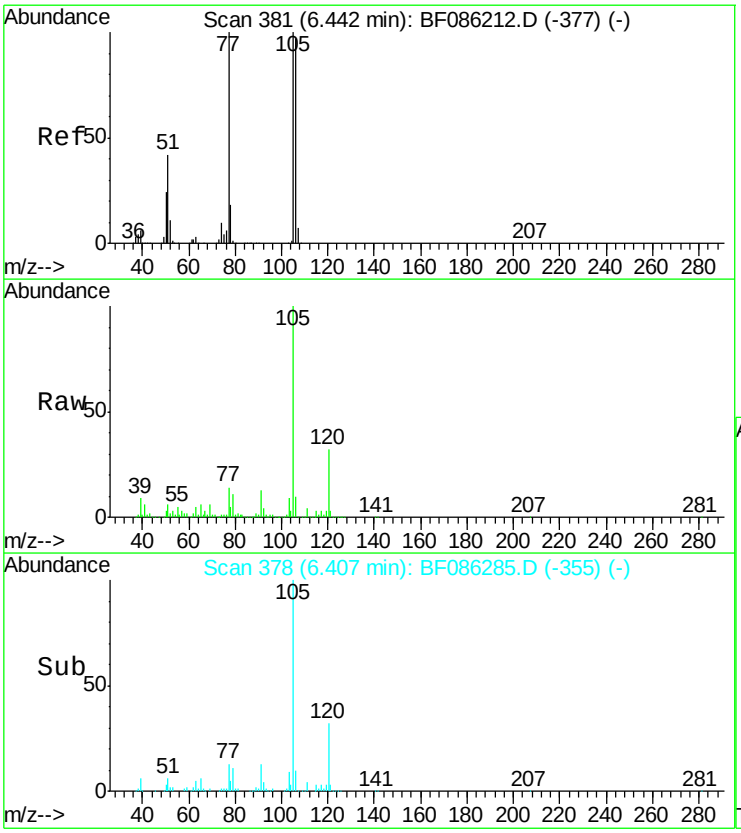
#7
Phenol-d6
Concen: 4.35 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion: 99 Resp: 90030

Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.4	23.2
71	37.6	25.6	38.4

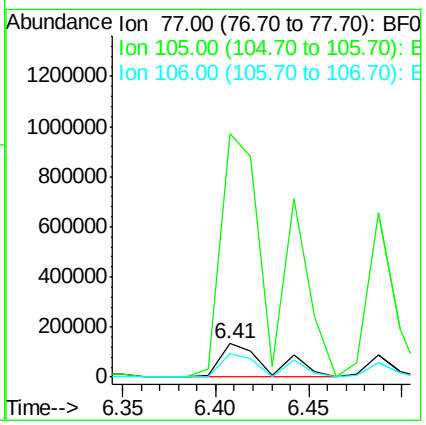


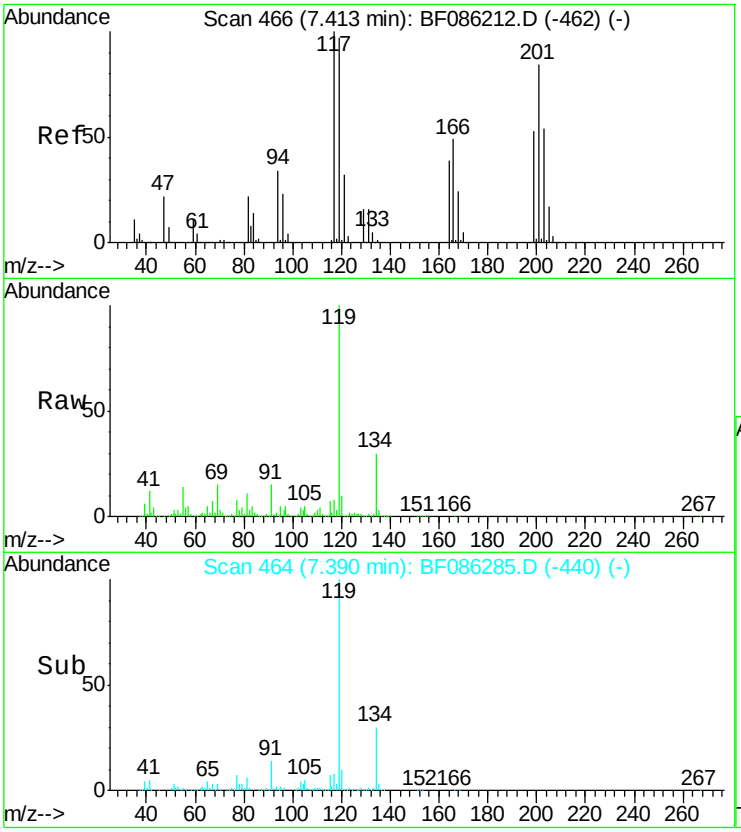


#9
Benzaldehyde
Concen: 16.73 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion: 77 Resp: 245602

Ion	Ratio	Lower	Upper
77	100		
105	730.4	84.6	124.6#
106	70.1	78.6	118.6#



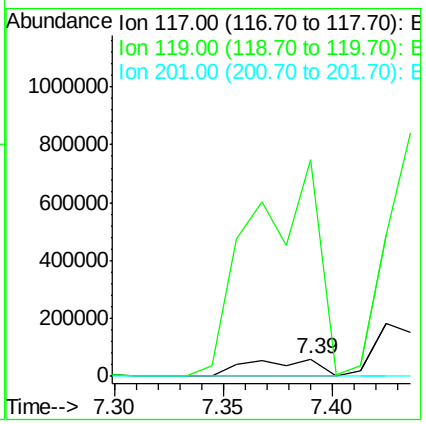


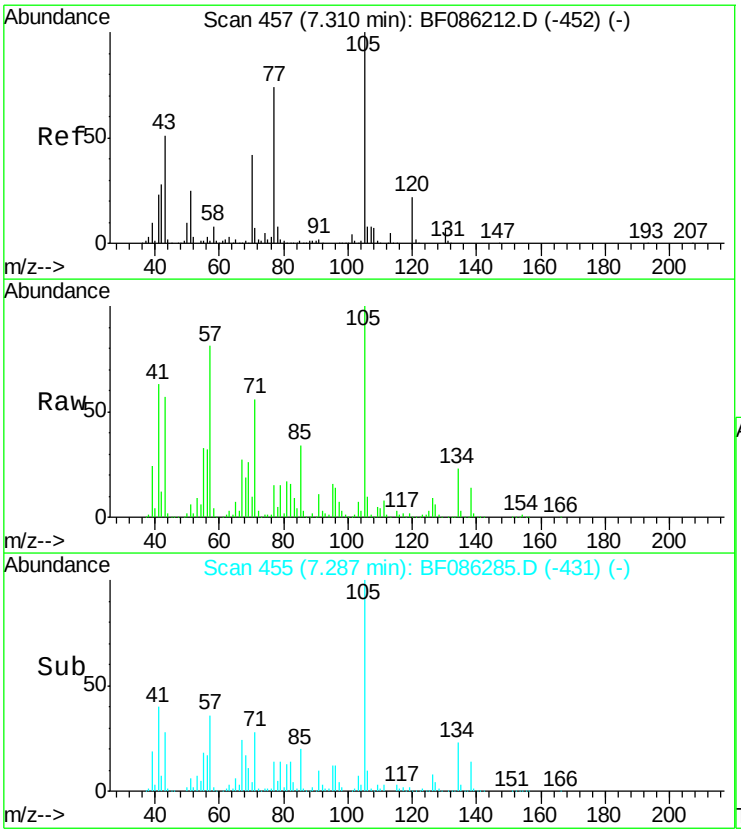
#18
Hexachloroethane
Concen: 18.94 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:117 Resp: 135090

Ion	Ratio	Lower	Upper
117	100		
119	1262.4	78.2	117.4#
201	0.0	75.7	113.5#

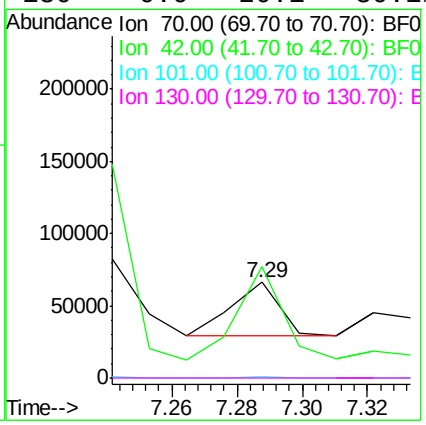


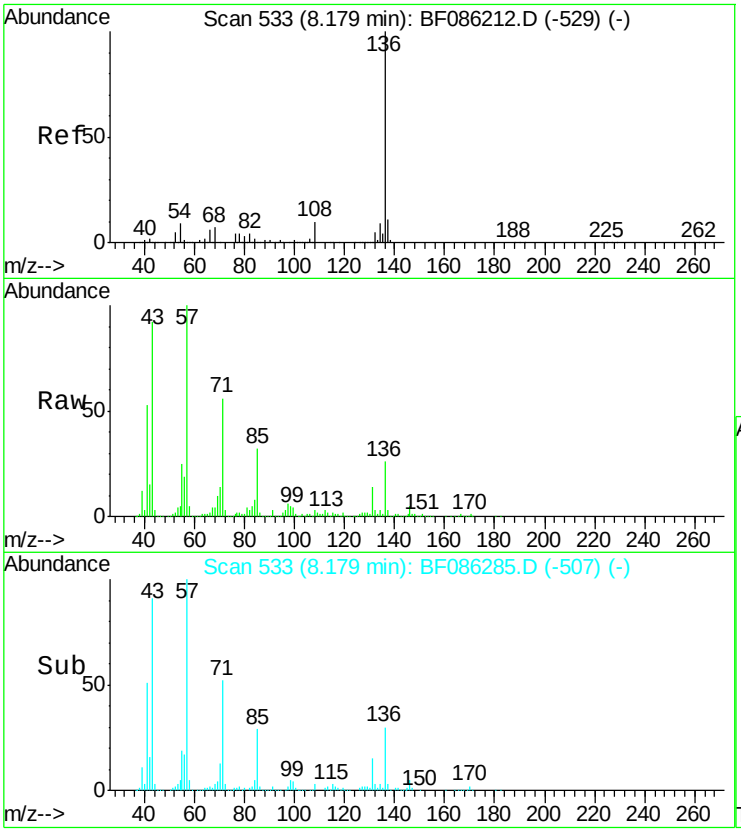


#19
n-Nitroso-di-n-propylamine
Concen: 2.91 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion: 70 Resp: 38504

Ion	Ratio	Lower	Upper
70	100		
42	116.2	43.0	64.4#
101	1.6	8.1	12.1#
130	0.0	20.1	30.1#



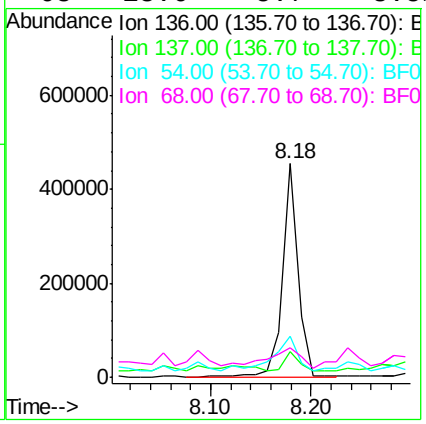


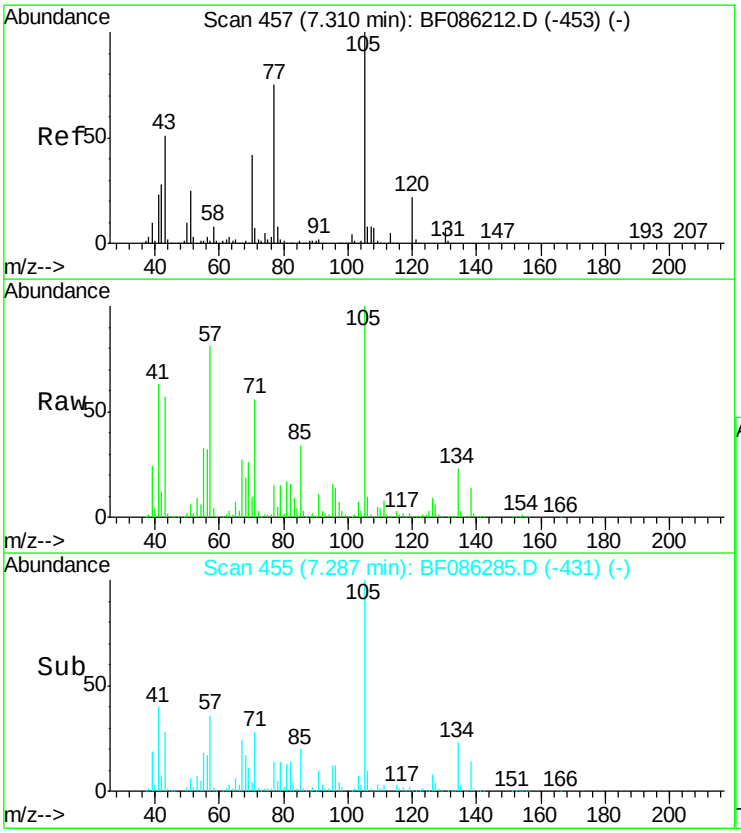
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:136 Resp: 481281

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	19.0	7.3	10.9#
68	13.6	5.7	8.5#

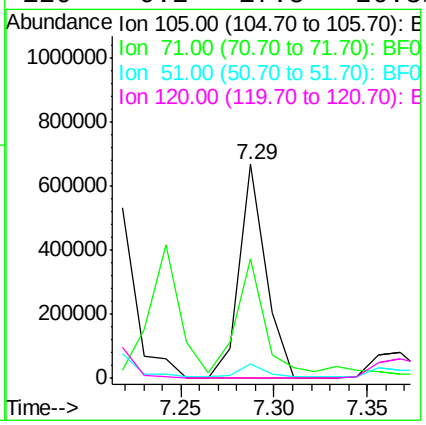


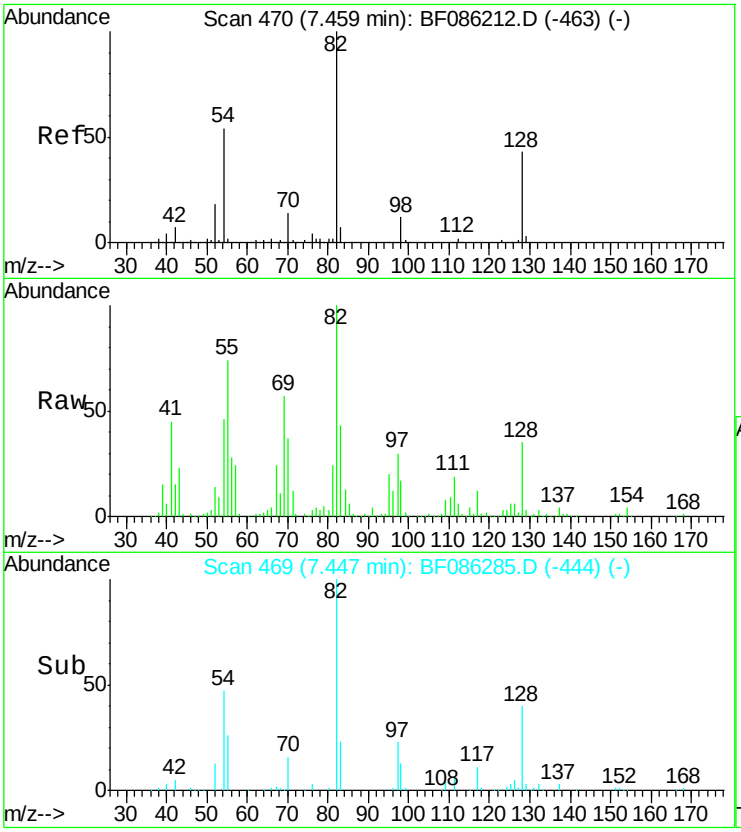


#22
Acetophenone
Concen: 91.49 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:105 Resp: 658081

Ion	Ratio	Lower	Upper
105	100		
71	55.6	4.0	6.0#
51	6.4	22.0	33.0#
120	0.2	17.5	26.3#



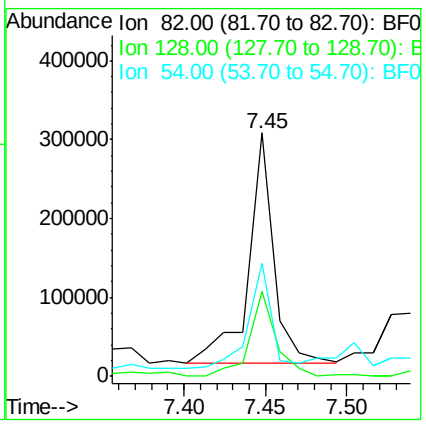


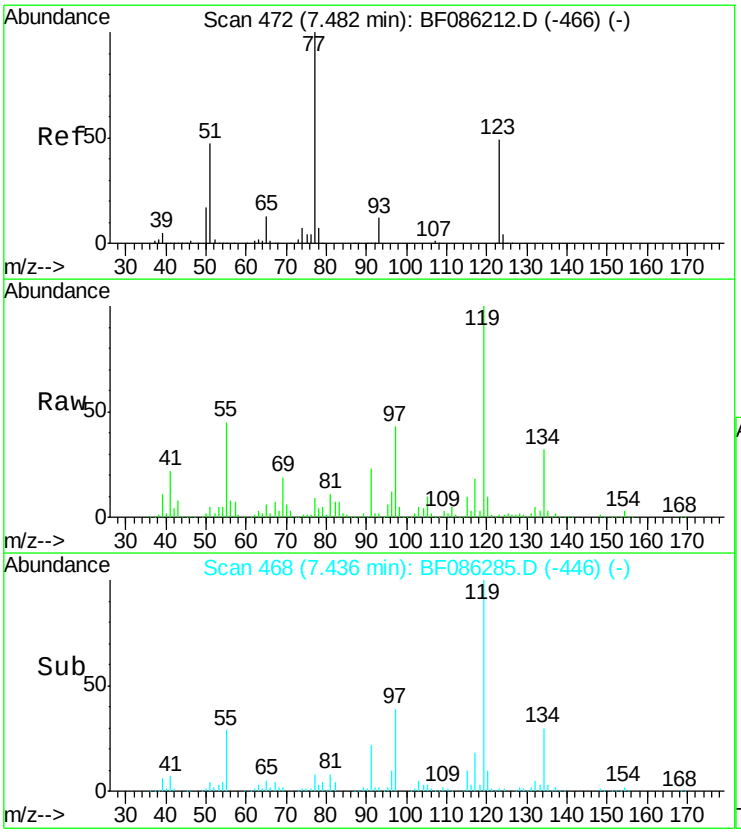
#23
Nitrobenzene-d5
Concen: 38.16 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion: 82 Resp: 318391

Ion	Ratio	Lower	Upper
82	100		
128	34.6	35.4	53.2#
54	46.5	43.4	65.0

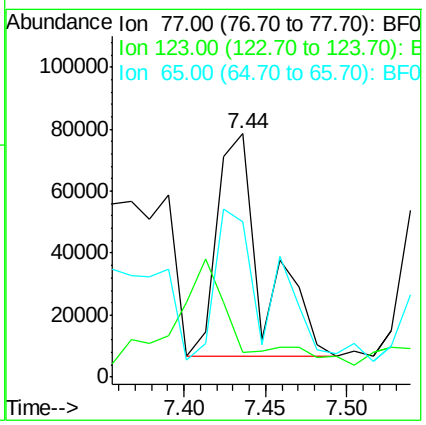


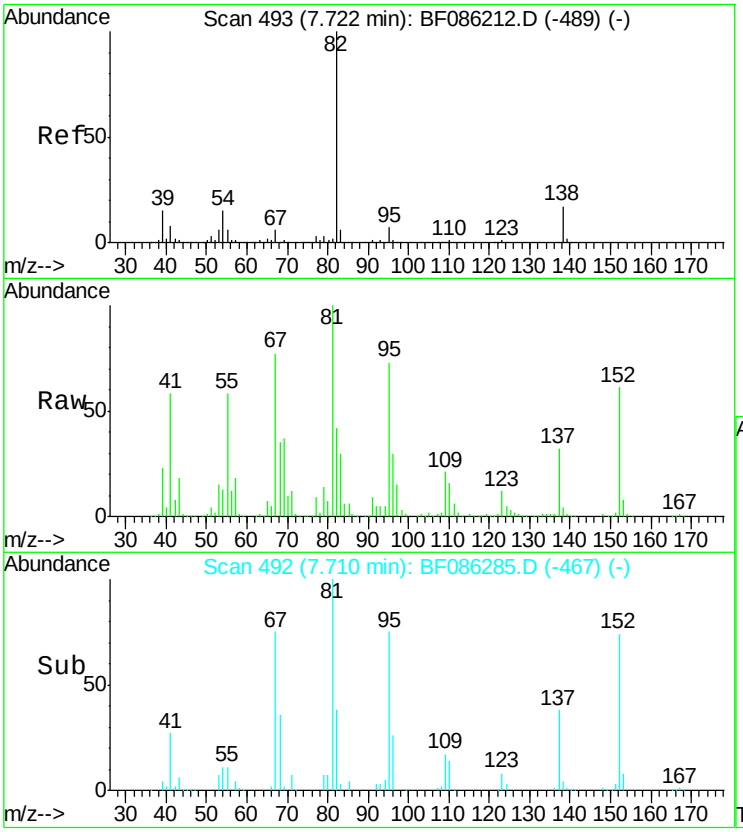


#24
Nitrobenzene
Concen: 15.59 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion: 77 Resp: 142202

Ion	Ratio	Lower	Upper
77	100		
123	9.9	38.3	57.5#
65	64.0	11.3	16.9#



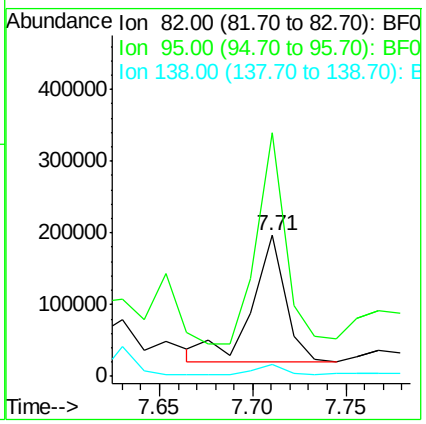


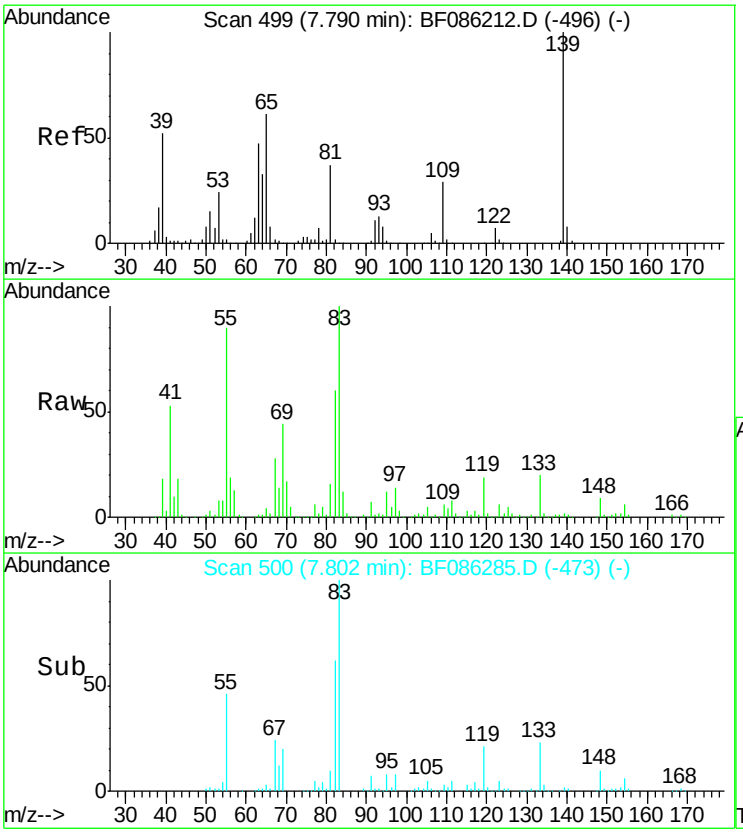
#25
Isophorone
Concen: 13.41 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion: 82 Resp: 221957

Ion	Ratio	Lower	Upper
82	100		
95	173.1	5.4	8.2#
138	8.7	13.4	20.2#

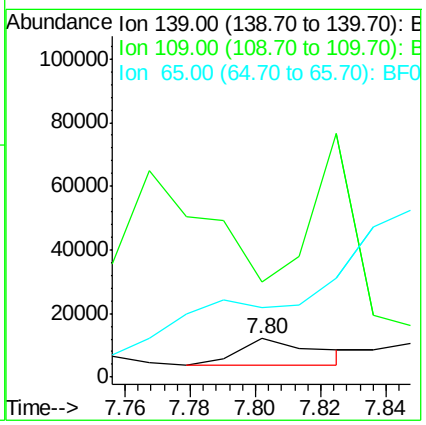


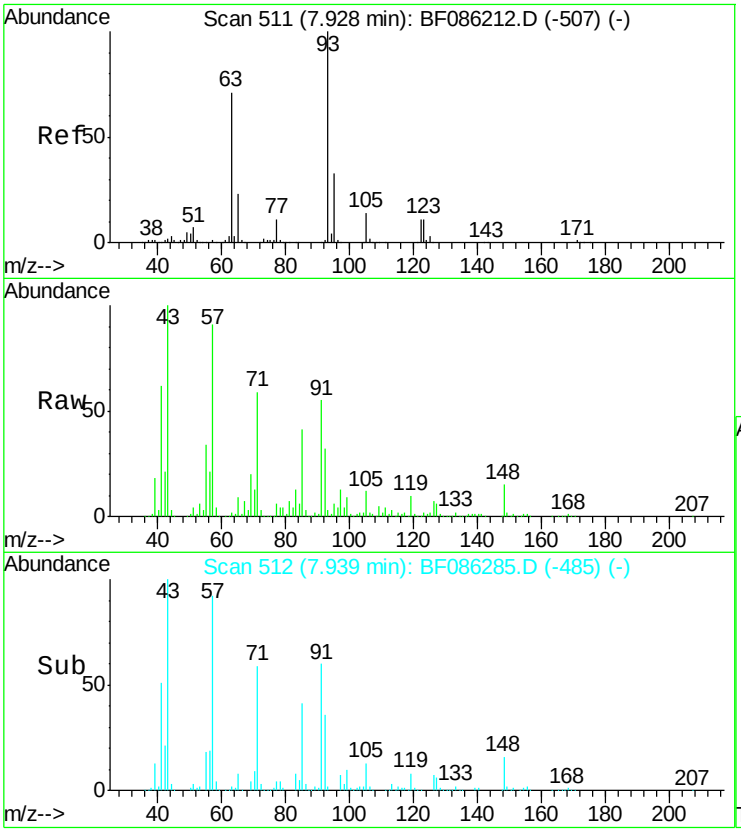


#26
2-Nitrophenol
Concen: 3.51 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:139 Resp: 13969

Ion	Ratio	Lower	Upper
139	100		
109	244.9	25.8	38.8#
65	179.8	50.2	75.2#



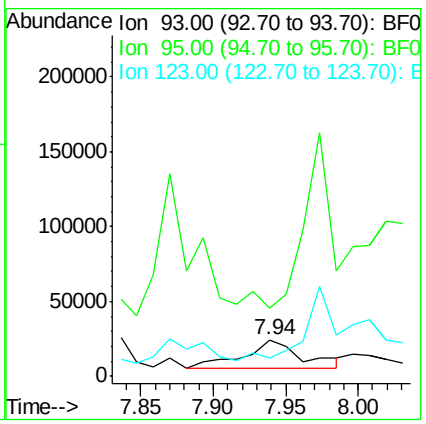


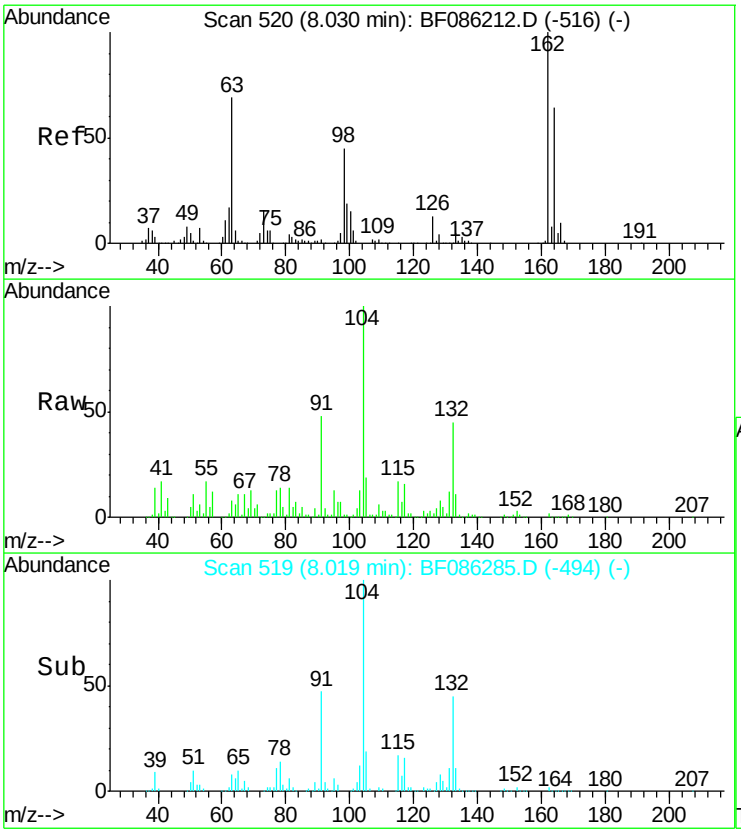
#28
bis(2-Chloroethoxy)methane
Concen: 5.29 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion: 93 Resp: 51529

Ion	Ratio	Lower	Upper
93	100		
95	185.4	25.8	38.8#
123	51.4	8.9	13.3#

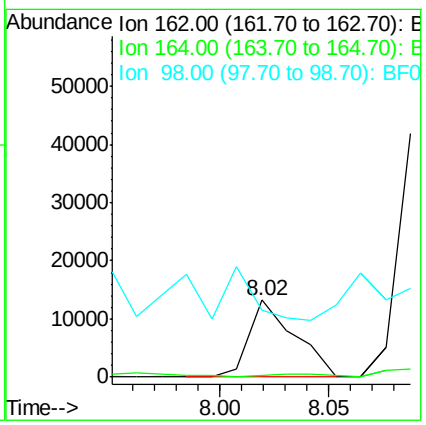


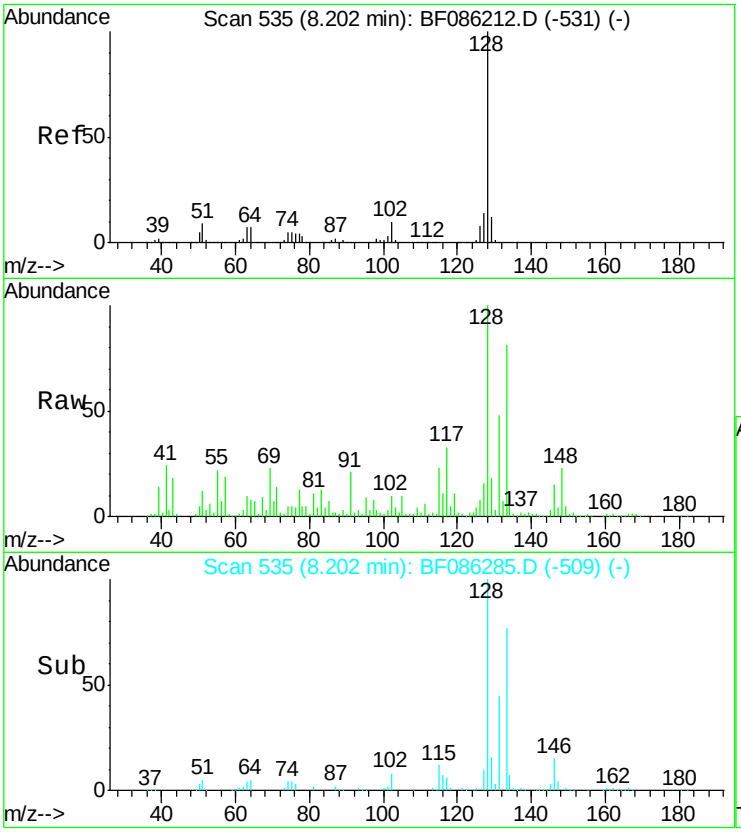


#29
2,4-Dichlorophenol
Concen: 3.17 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:162 Resp: 19374

Ion	Ratio	Lower	Upper
162	100		
164	2.8	43.3	83.3#
98	86.5	22.9	62.9#



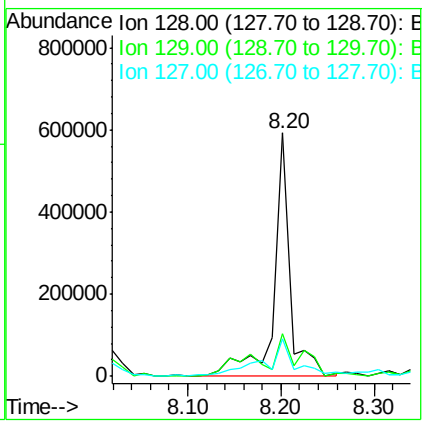


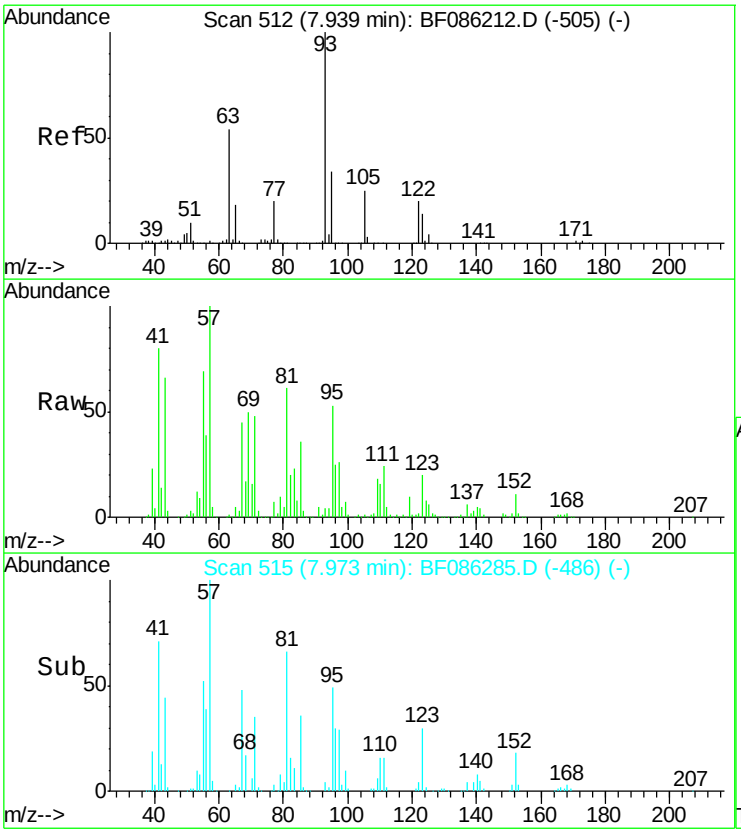
#31
Naphthalene
Concen: 32.75 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:128 Resp: 703878

Ion	Ratio	Lower	Upper
128	100		
129	17.5	9.6	14.4#
127	15.5	11.4	17.2

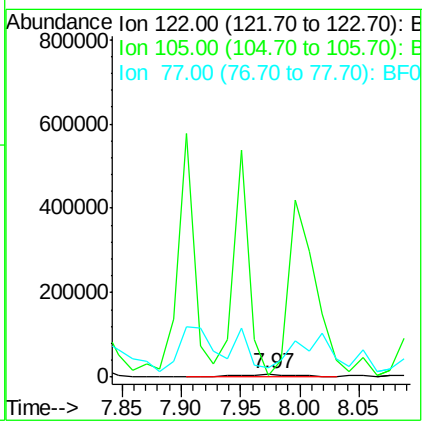


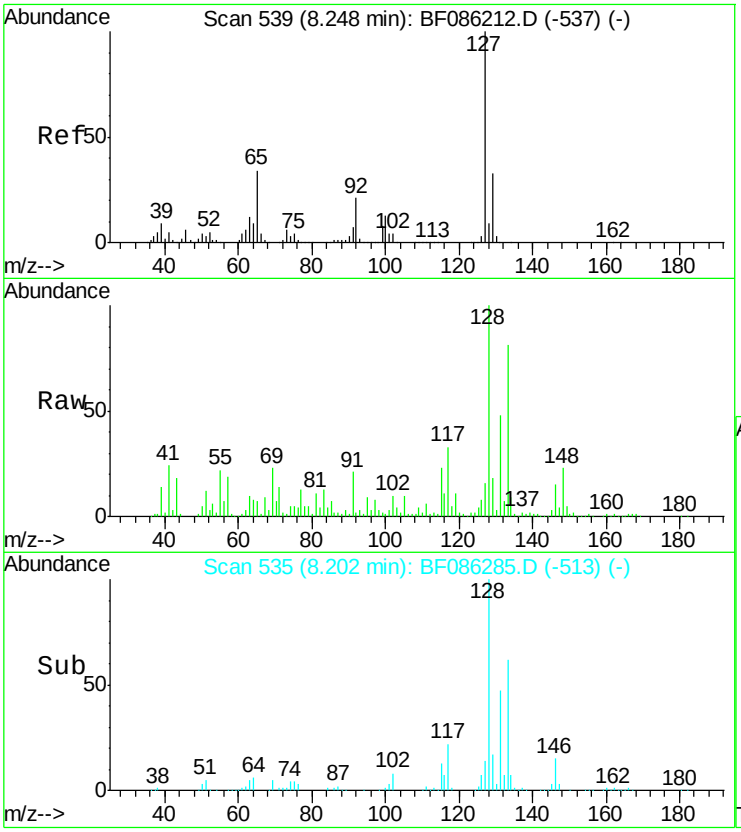


#32
Benzoic acid
Concen: 3.53 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.03 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:122 Resp: 18122

Ion	Ratio	Lower	Upper
122	100		
105	43.9	103.7	143.7#
77	288.3	74.9	114.9#



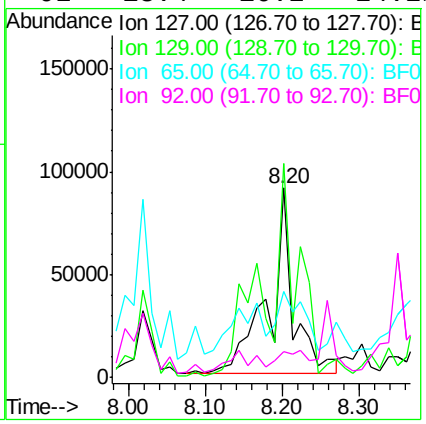


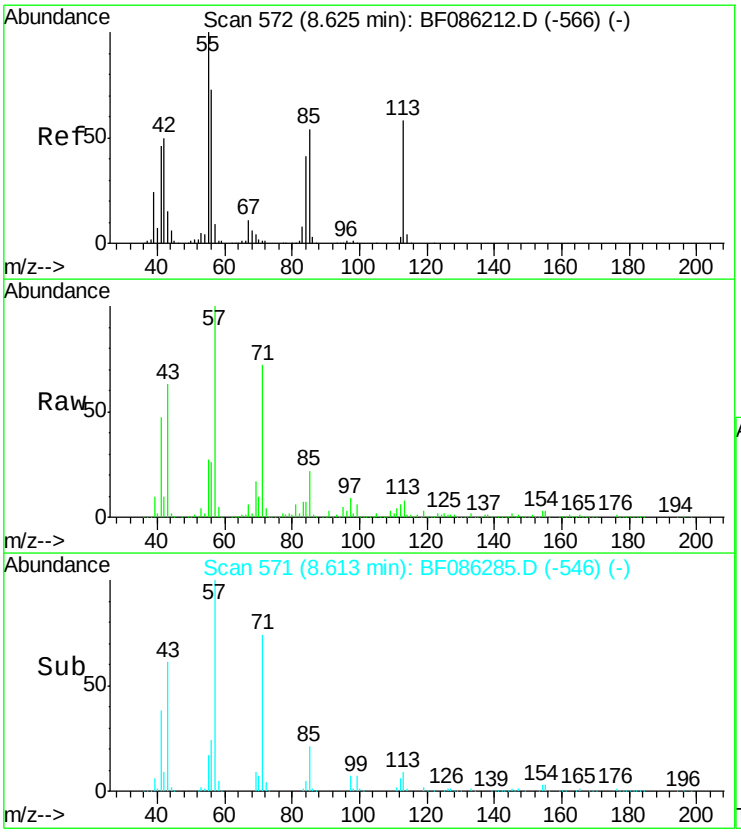
#33
4-Chloroaniline
Concen: 20.68 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:127 Resp: 198637

Ion	Ratio	Lower	Upper
127	100		
129	113.1	26.8	40.2#
65	45.4	27.1	40.7#
92	13.4	16.2	24.2#

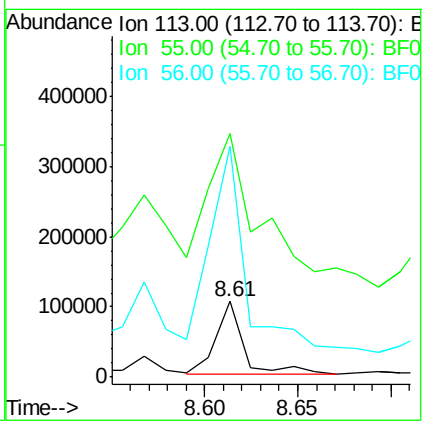


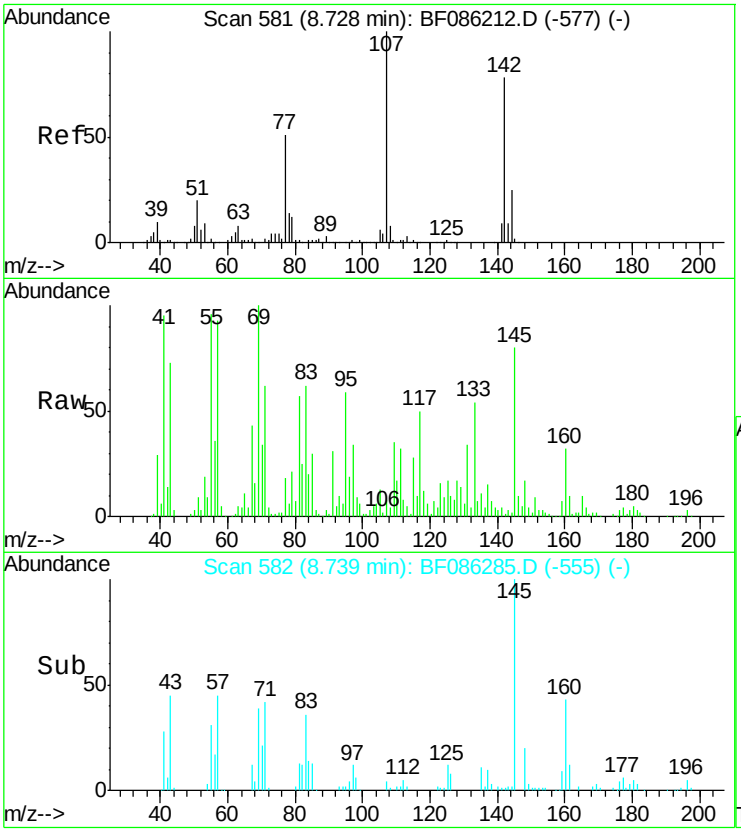


#35
Caprolactam
Concen: 48.97 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:113 Resp: 108294

Ion	Ratio	Lower	Upper
113	100		
55	322.6	117.5	157.5#
56	306.0	82.5	122.5#



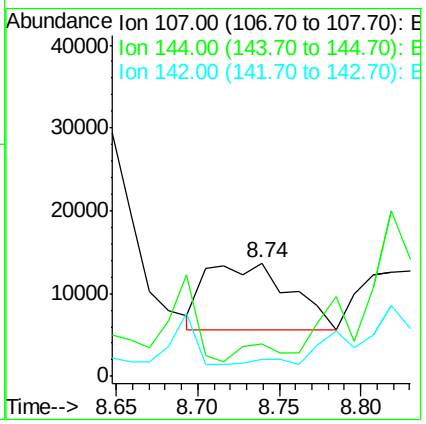


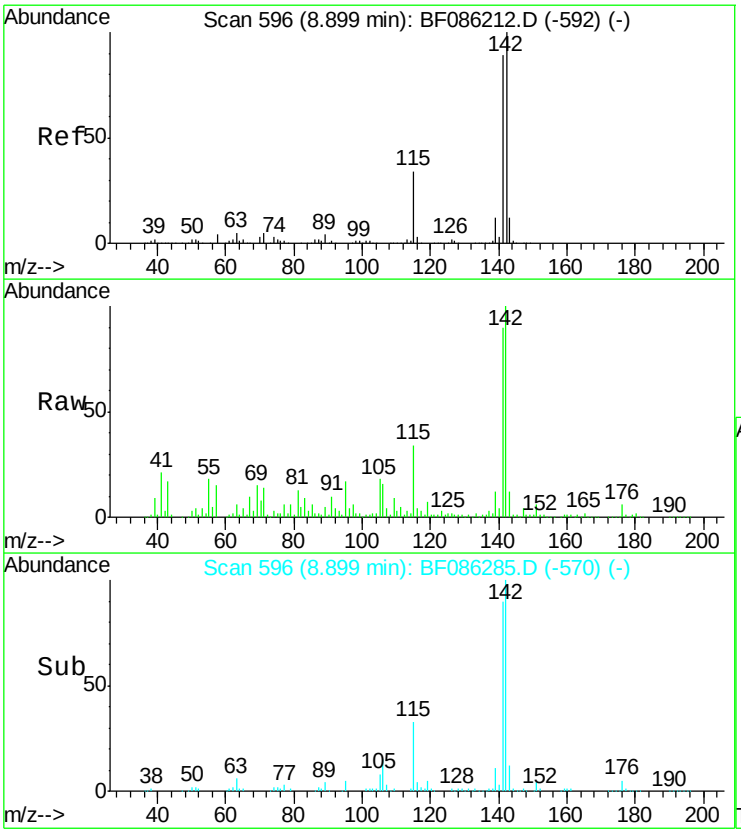
#36
4-Chloro-3-methylphenol
Concen: 4.03 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:107 Resp: 28549

Ion	Ratio	Lower	Upper
107	100		
144	29.1	20.7	31.1
142	15.4	64.5	96.7#

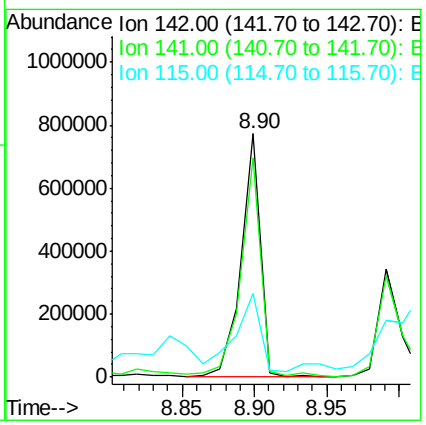


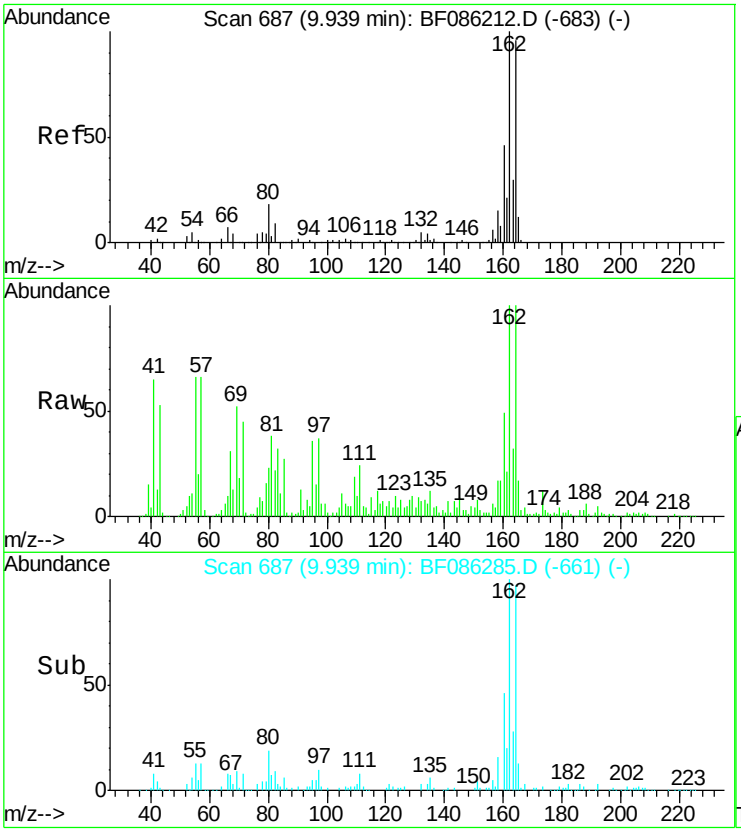


#37
2-Methylnaphthalene
Concen: 51.13 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:142 Resp: 710480

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	34.4	25.1	37.7



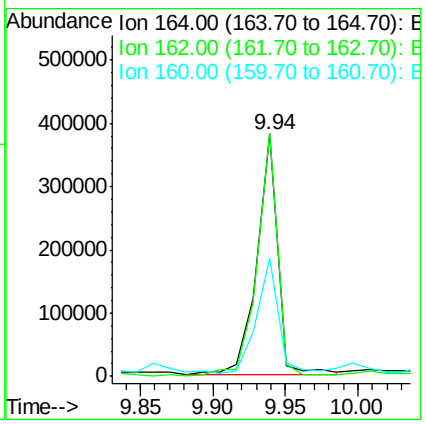


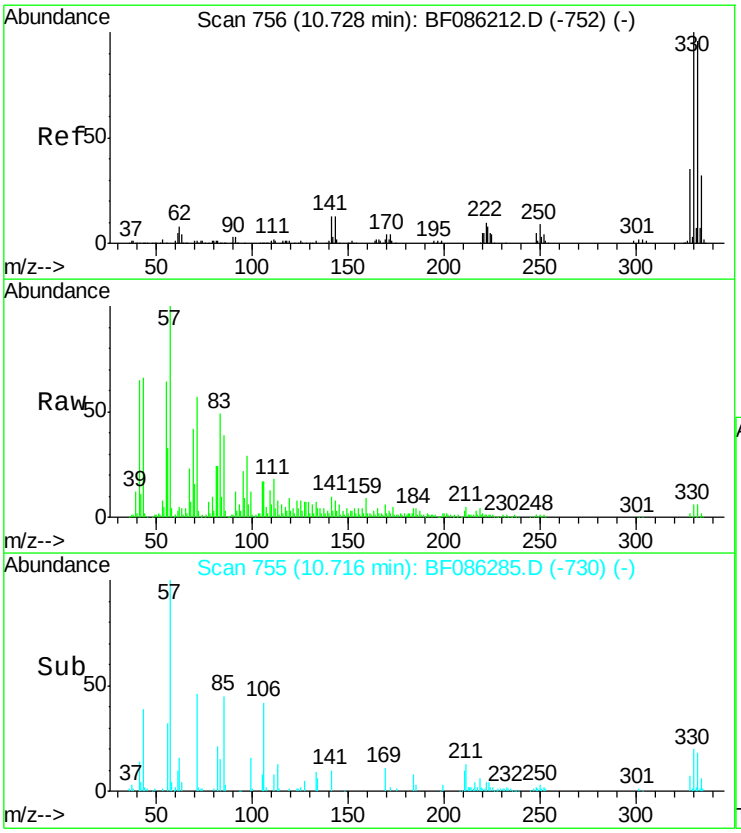
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:164 Resp: 377860

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	48.8	38.9	58.3

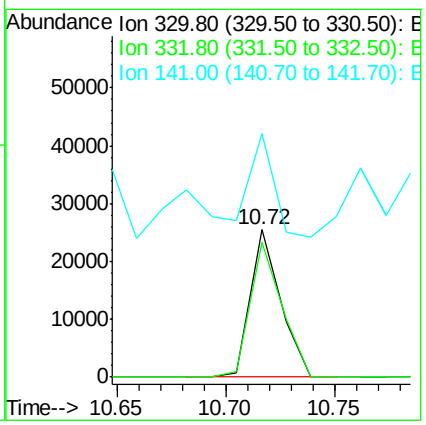


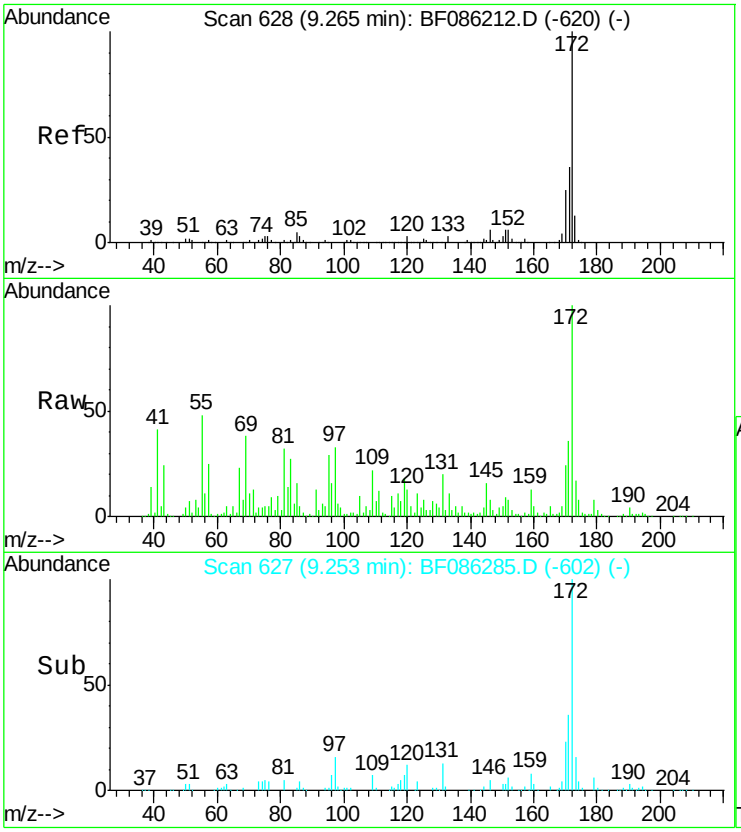


#41
2,4,6-Tribromophenol
Concen: 8.11 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:330 Resp: 24617

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.7	118.1
141	51.9	28.6	42.8#



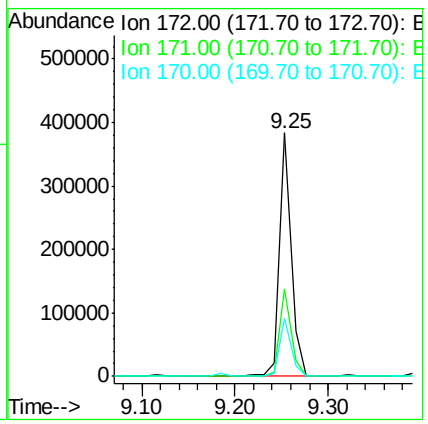


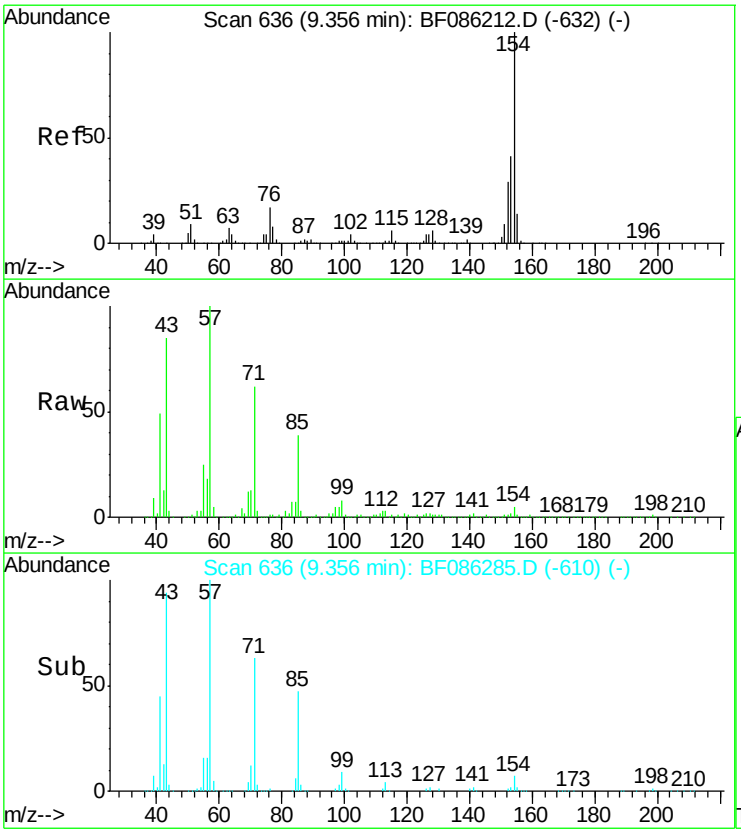
#44
2-Fluorobiphenyl
Concen: 16.33 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:172 Resp: 334289

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	23.6	19.9	29.9

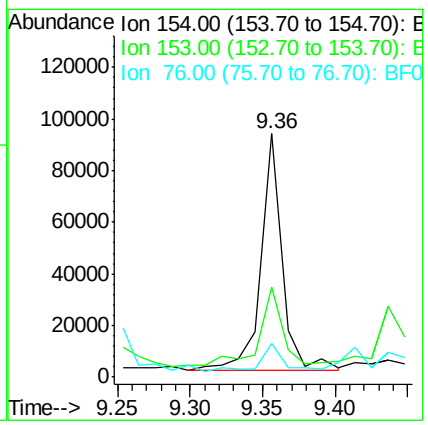


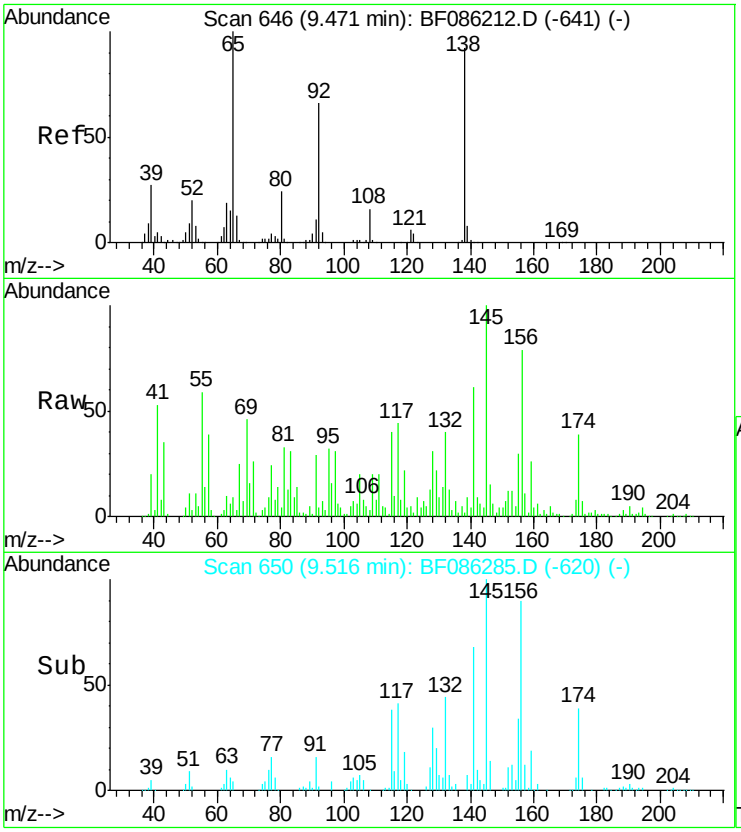


#45
1,1'-Biphenyl
Concen: 3.45 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:154 Resp: 93866

Ion	Ratio	Lower	Upper
154	100		
153	36.8	21.3	61.3
76	13.8	0.0	36.4



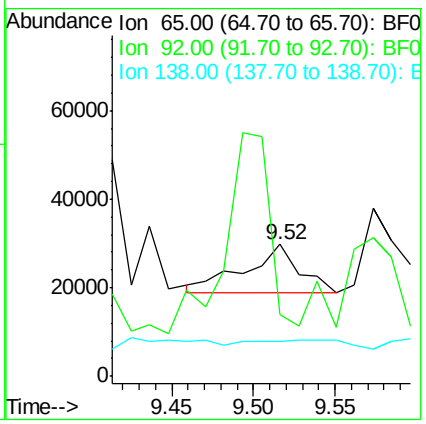


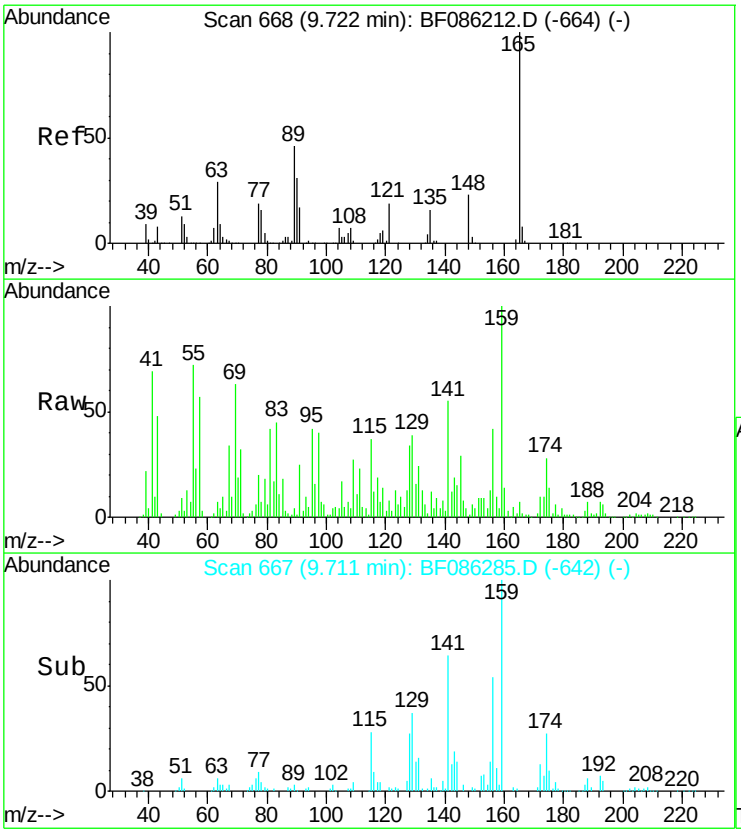
#47
2-Nitroaniline
Concen: 3.43 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.05 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion: 65 Resp: 24692

Ion	Ratio	Lower	Upper
65	100		
92	47.2	51.9	77.9#
138	26.1	72.6	108.8#

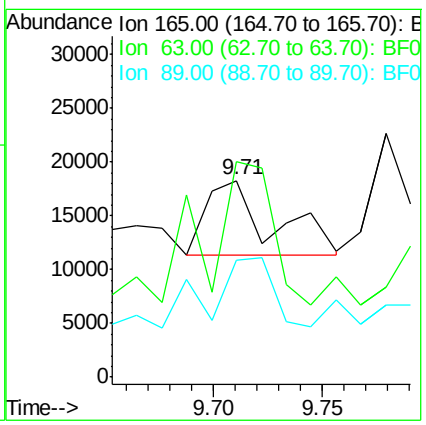


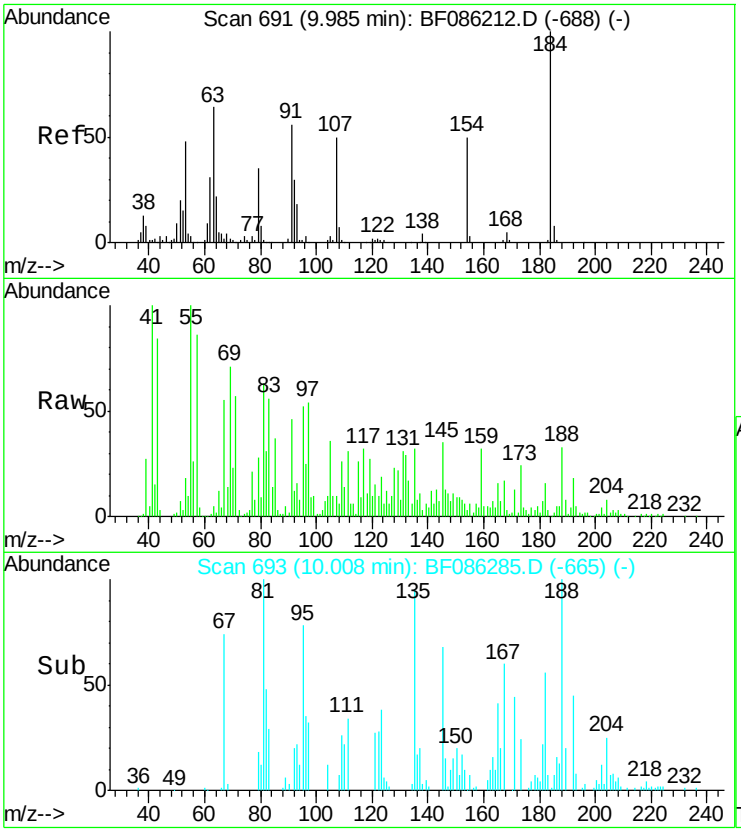


#50
2,6-Dinitrotoluene
Concen: 2.38 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:165 Resp: 14468

Ion	Ratio	Lower	Upper
165	100		
63	109.8	35.1	52.7#
89	59.2	39.8	59.6



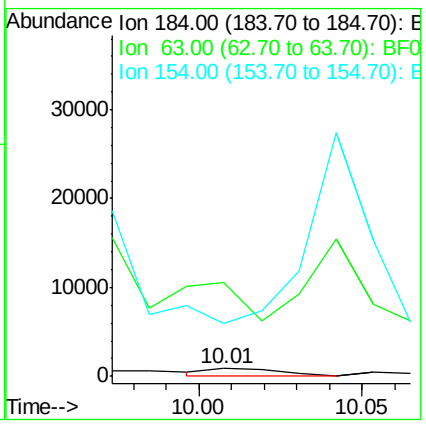


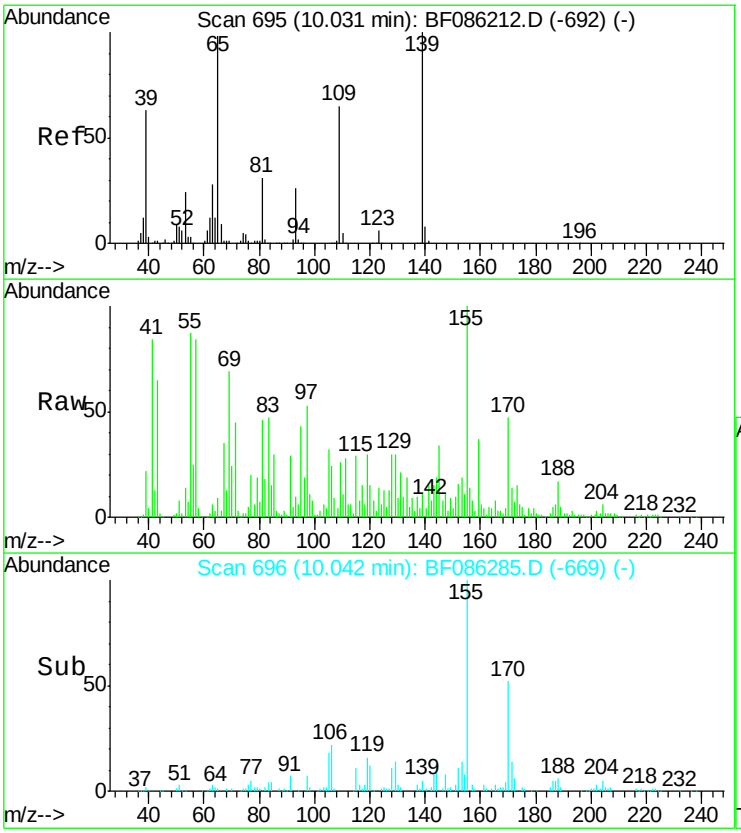
#53
2,4-Dinitrophenol
Concen: 4.88 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:184 Resp: 1346

Ion	Ratio	Lower	Upper
184	100		
63	1181.2	64.7	97.1#
154	664.8	59.4	89.2#

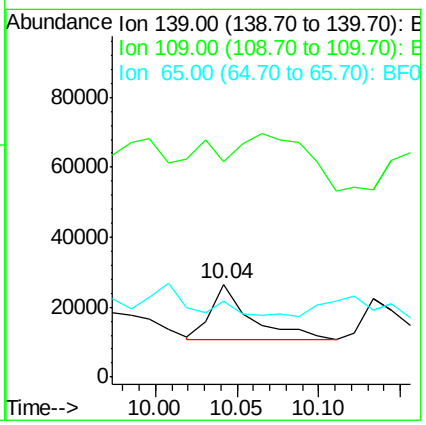


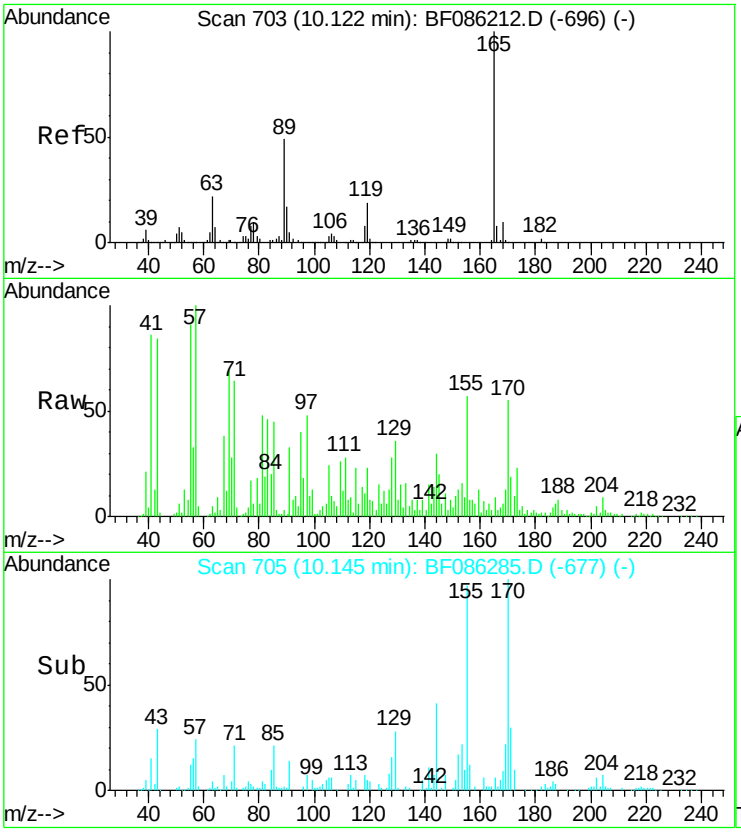


#55
4-Nitrophenol
Concen: 4.65 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:139 Resp: 26894

Ion	Ratio	Lower	Upper
139	100		
109	232.3	55.0	95.0#
65	82.2	87.3	127.3#



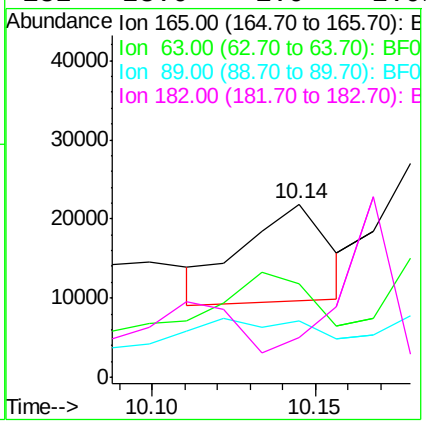


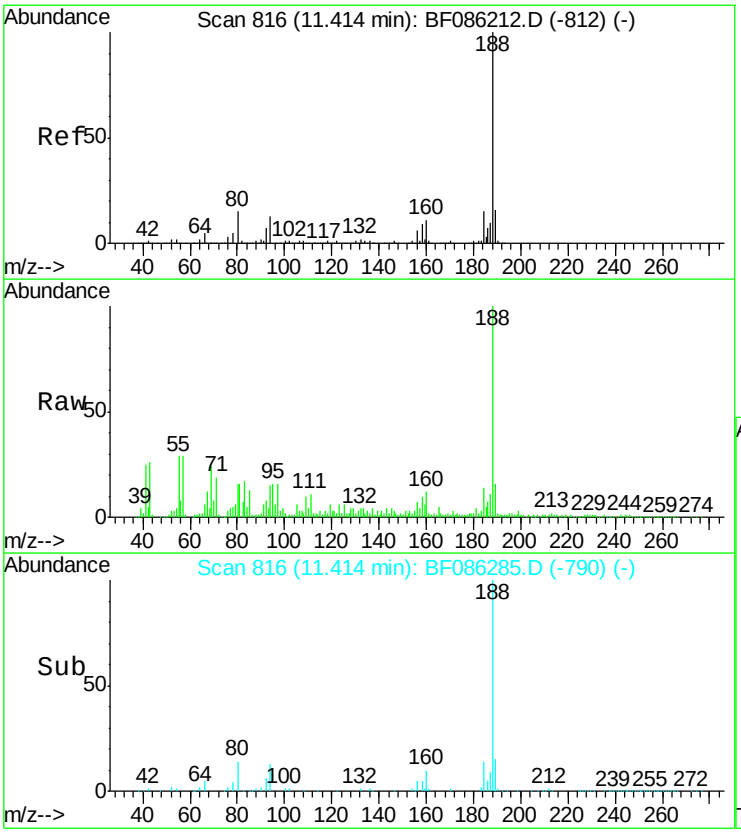
#56
2,4-Dinitrotoluene
Concen: 2.87 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:165 Resp: 22322

Ion	Ratio	Lower	Upper
165	100		
63	54.4	26.6	40.0#
89	32.8	49.5	74.3#
182	23.0	1.9	2.9#

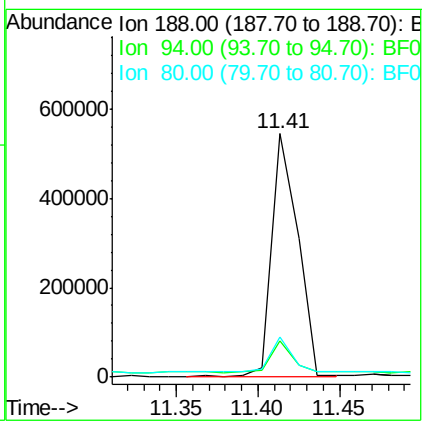


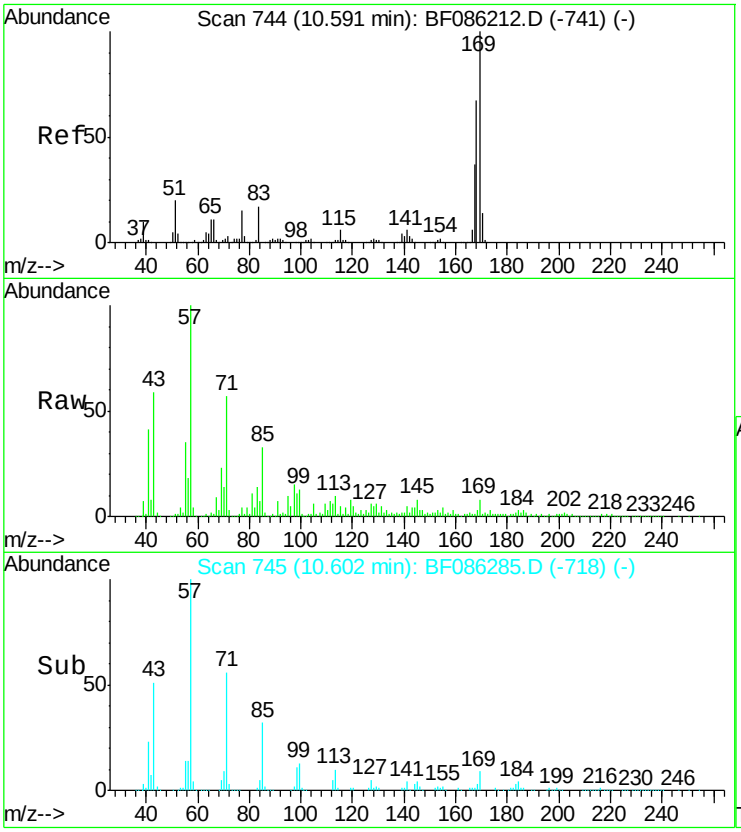


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:188 Resp: 601333

Ion	Ratio	Lower	Upper
188	100		
94	15.1	9.8	14.8#
80	16.4	10.5	15.7#



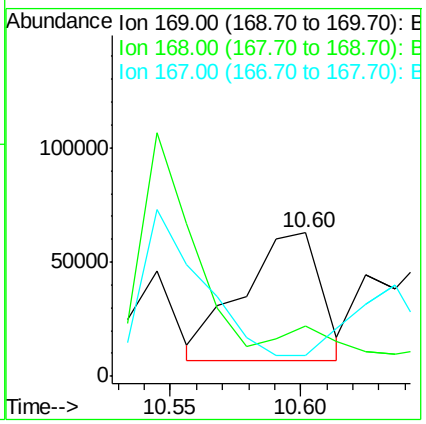


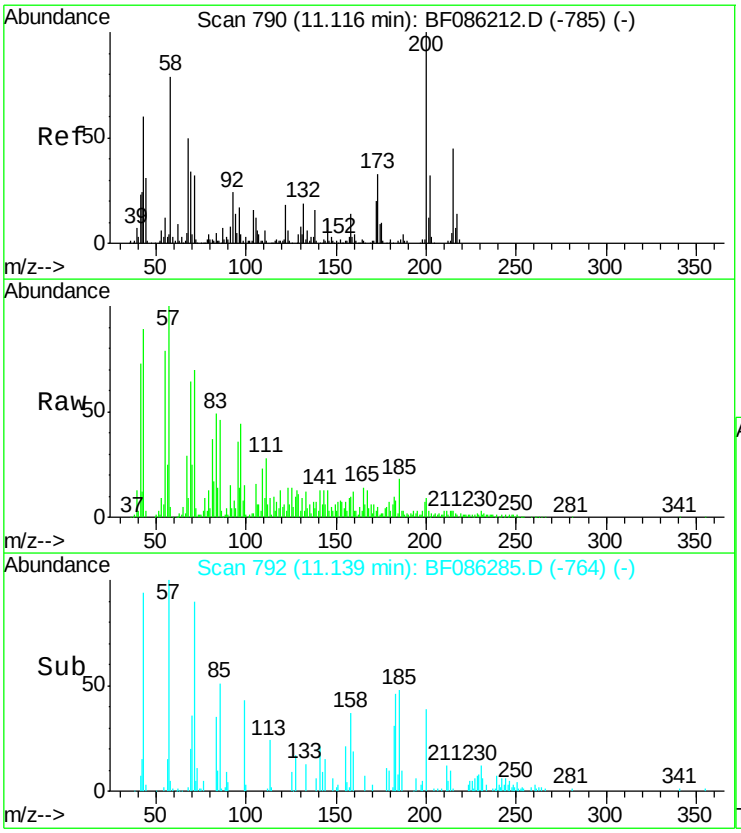
#65
n-Nitrosodiphenylamine
Concen: 6.42 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:169 Resp: 118276

Ion	Ratio	Lower	Upper
169	100		
168	34.8	54.3	81.5#
167	14.5	30.2	45.2#

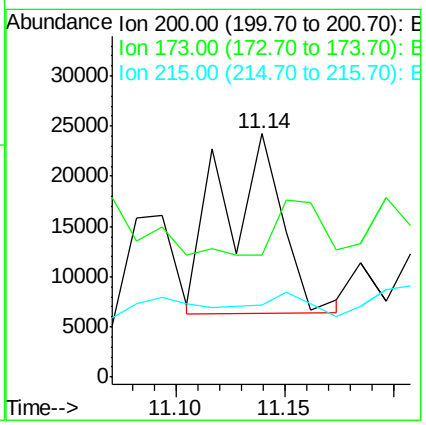


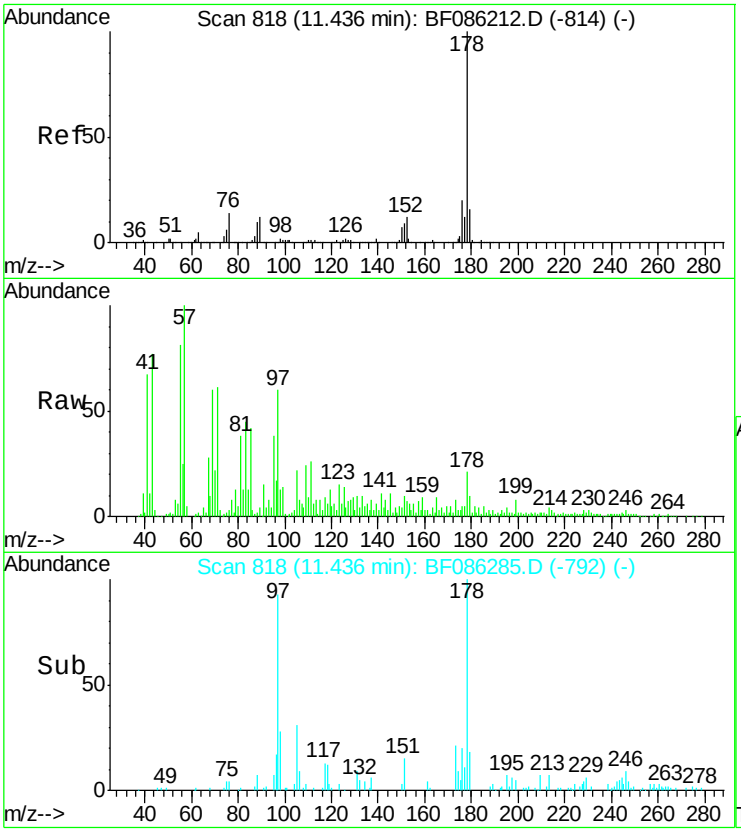


#68
Atrazine
Concen: 6.06 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.02 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:200 Resp: 34174

Ion	Ratio	Lower	Upper
200	100		
173	50.0	11.2	51.2
215	29.6	24.0	64.0



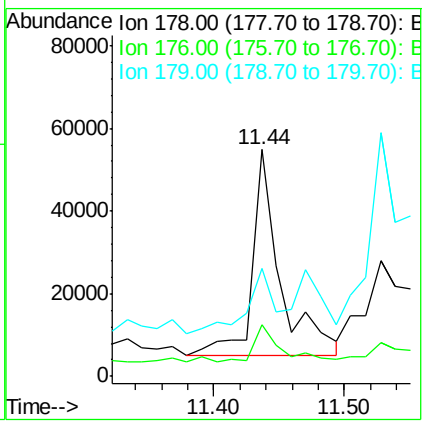


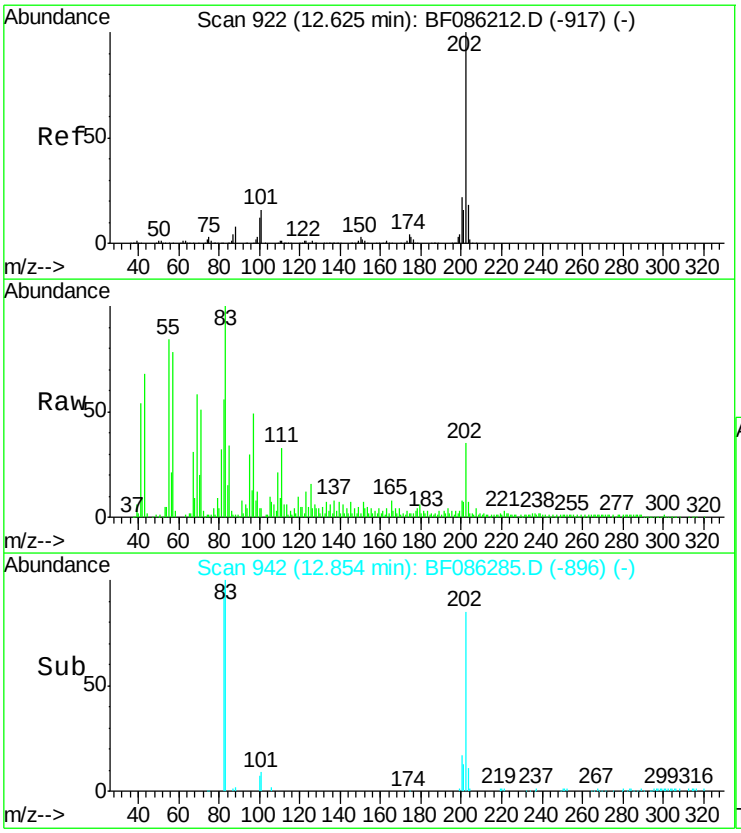
#70
Phenanthrene
Concen: 2.56 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:178 Resp: 73631

Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.3	24.5
179	47.4	13.0	19.6#

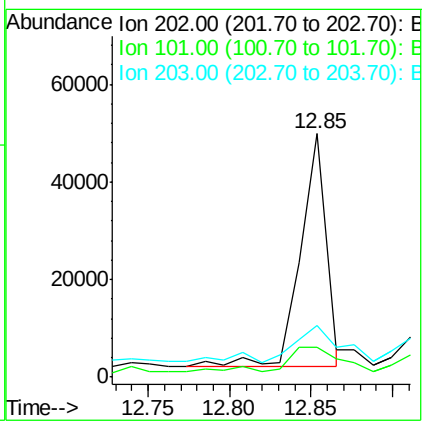


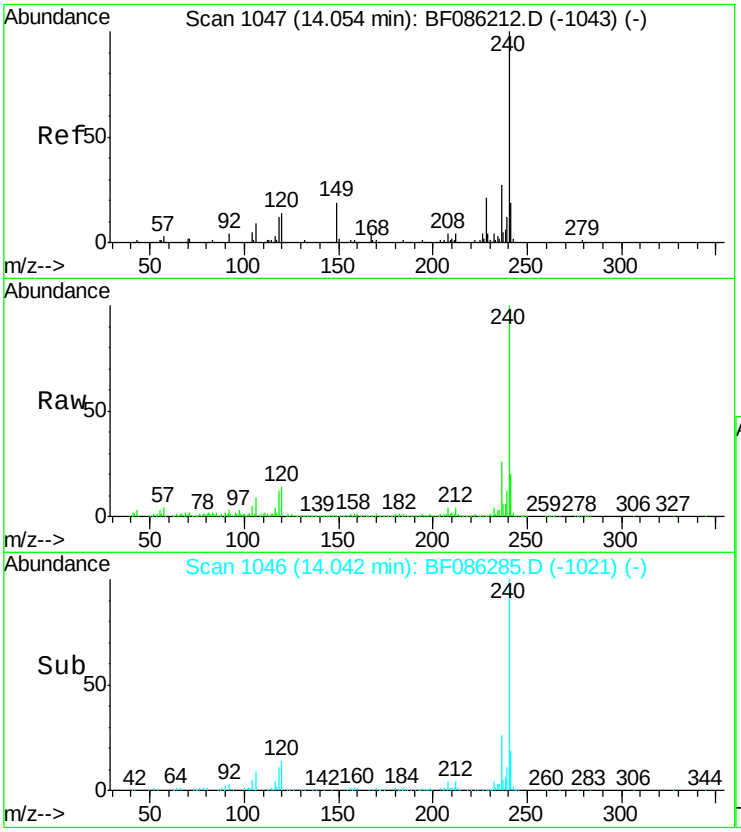


#74
Fluoranthene
Concen: Below Cal
RT: 12.85 min Scan# 942
Delta R.T. 0.23 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:202 Resp: 53286

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	35.2
203	21.0	0.0	38.2



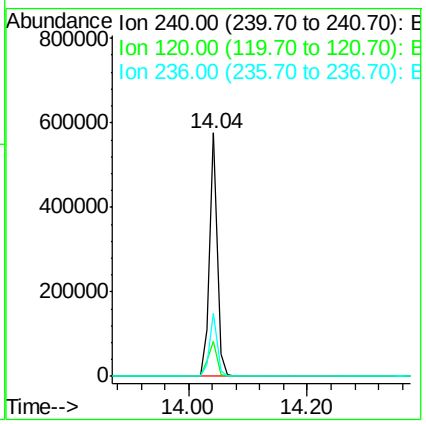


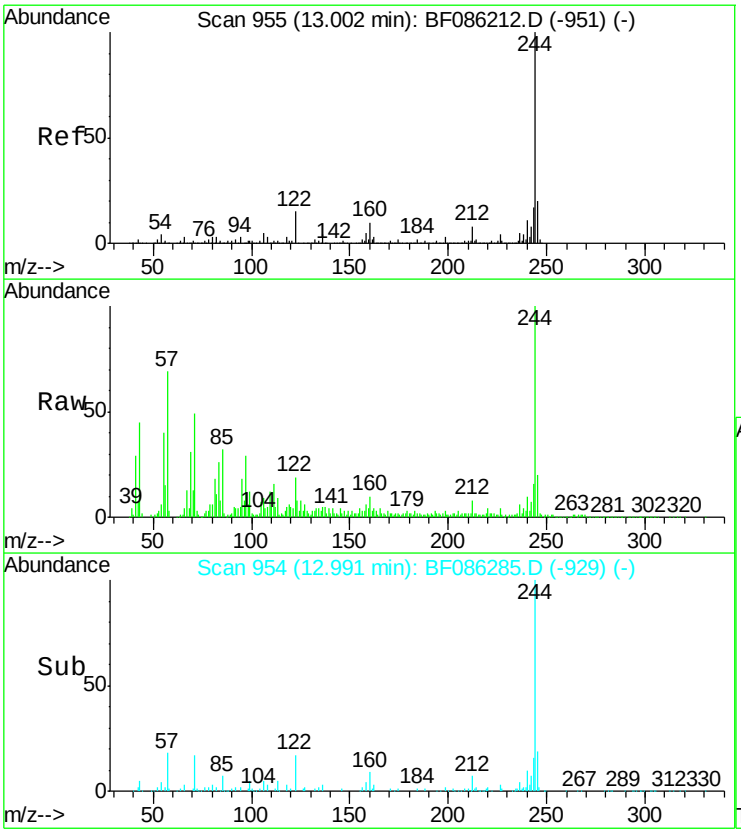
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:240 Resp: 517810

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.3	13.9#
236	26.1	21.1	31.7

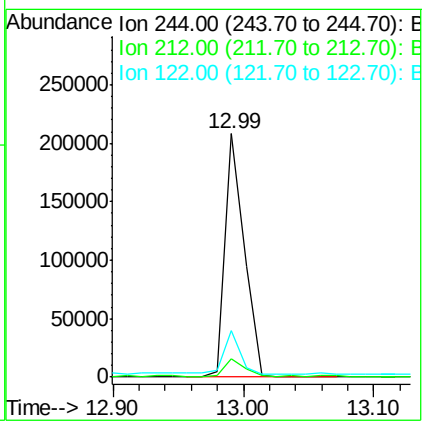


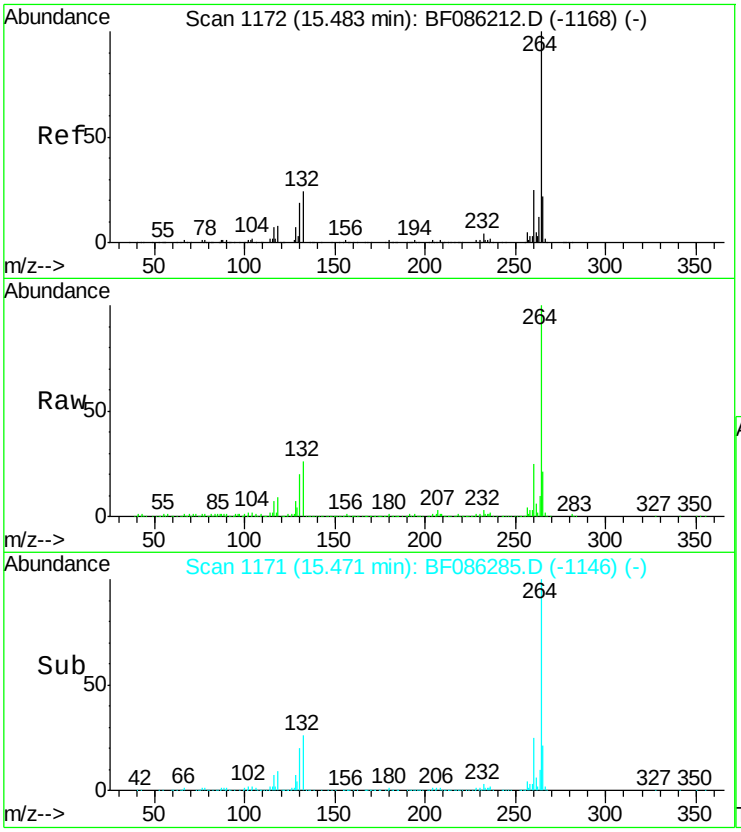


#78
Terphenyl-d14
Concen: 10.30 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF086285.D
Acq: 18 Apr 2016 16:44

Tgt Ion:244 Resp: 212125

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	19.3	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: BF086285.D
Acq: 18 Apr 2016 16:44

Instrument :
BNA_F
ClientSampleId :
TW-3-04062016DL

Tgt Ion:264 Resp: 517848

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.4	17.4	26.0