Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086880.D
Acq On : 11 May 2016 4:43
Operator : UM/SJ
Sample : H2668-08DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA(1)8DL

Quant Time: May 11 05:39:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	138269	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	485888	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	194805	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	295572	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	266872	20.00	ng		-0.01
86) Perylene-d12	15.20	264	229726	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	163100	19.98	ng		-0.01
7) Phenol-d6	6.34	99	222612	20.40	ng		-0.02
23) Nitrobenzene-d5	7.25	82	161185	16.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	29881	14.49	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	231791	20.00	ng		-0.01
78) Terphenyl-d14	12.77	244	163032	12.96	ng		-0.02
Target Compounds							Qvalue
18) Hexachloroethane	7.18	117	22458	5.49	ng	#	1
19) n-Nitroso-di-n-propylamine	7.08	70	18481	2.42	ng	#	1
22) Acetophenone	7.08	105	150219	13.09	ng	#	43
24) Nitrobenzene	7.22	77	30331	3.05	ng	#	28
31) Naphthalene	8.00	128	227282	9.34	ng	#	91
35) Caprolactam	8.41	113	40115	17.97	ng	#	1
37) 2-Methylnaphthalene	8.69	142	544551	38.27	ng		98
45) 1,1'-Biphenyl	9.15	154	103345	6.67	ng		98
51) Acenaphthene	9.76	154	39737	3.58	ng	#	90
53) 2,4-Dinitrophenol	9.80	184	242	7.83	ng	#	1
54) Dibenzofuran	9.93	168	29440	2.06	ng	#	1
55) 4-Nitrophenol	9.93	139	27425	16.34	ng	#	71
56) 2,4-Dinitrotoluene	9.93	165	17598	4.55	ng	#	45
57) Fluorene	10.27	166	76382	6.28	ng	#	86
60) 4-Chlorophenyl-phenylether	10.27	204	656	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.38	169	146586	16.14	ng	#	49
68) Atrazine	10.92	200	6892	2.27	ng	#	65
70) Phenanthrene	11.22	178	201990	12.81	ng	#	95
77) Pyrene	12.64	202	43129	2.11	ng	#	92

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

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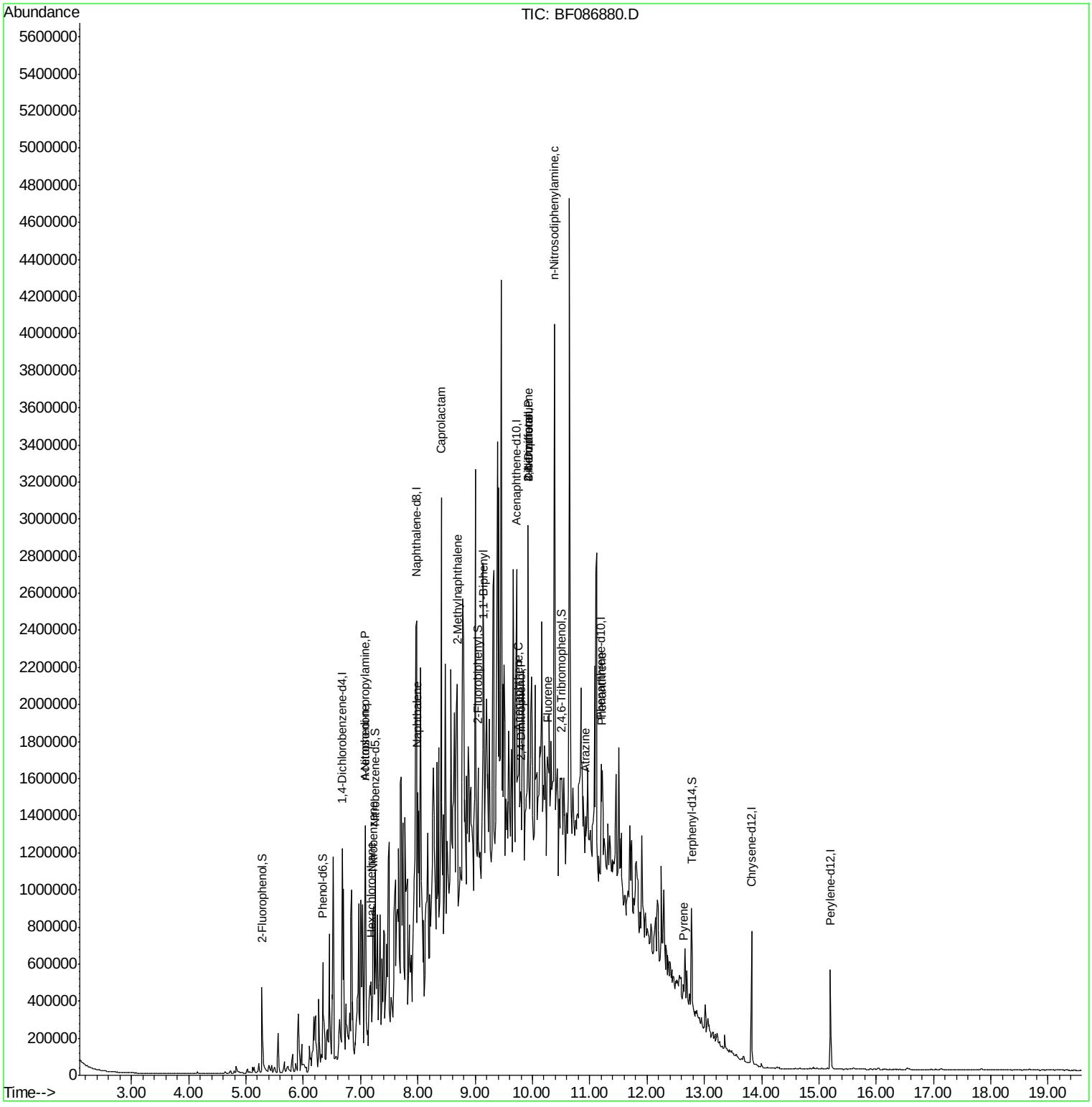
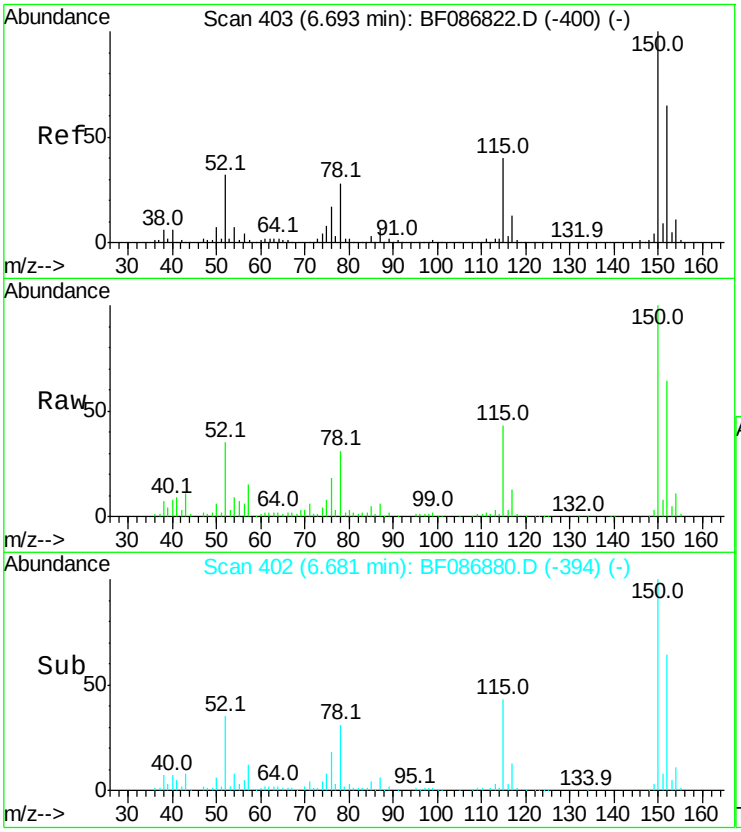


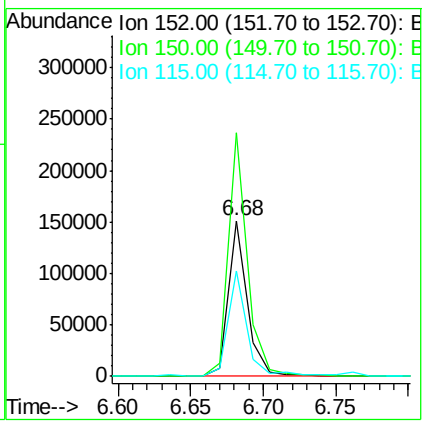


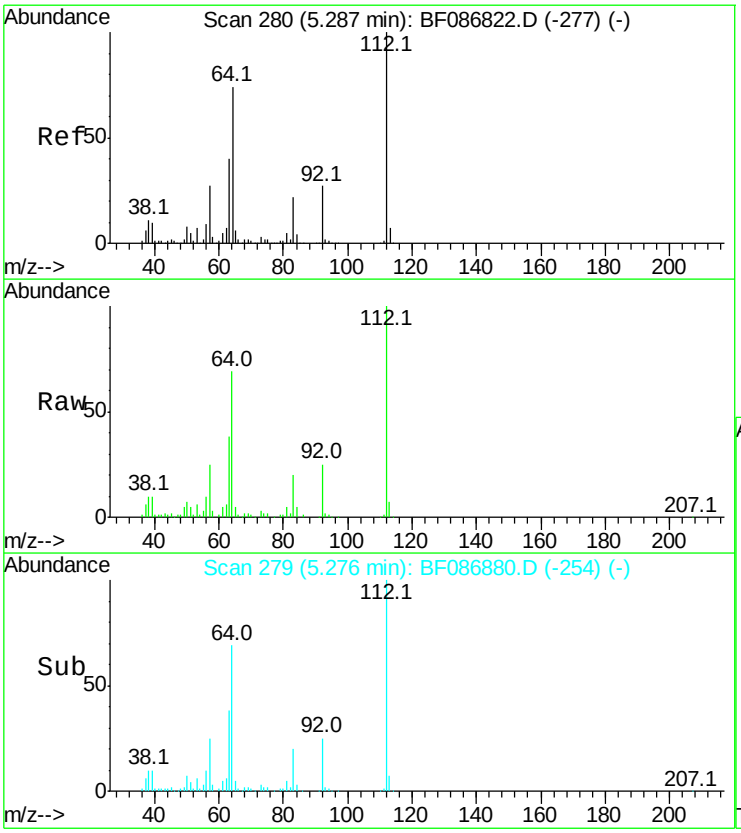
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:152 Resp: 138269

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	68.0	51.5	77.3

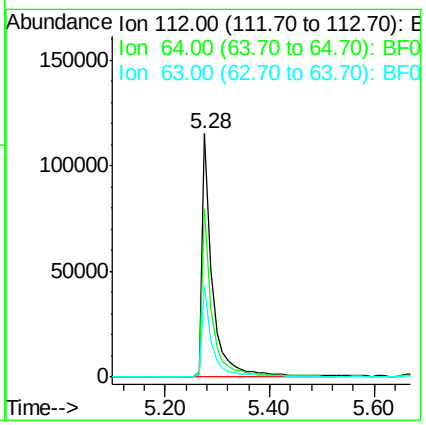


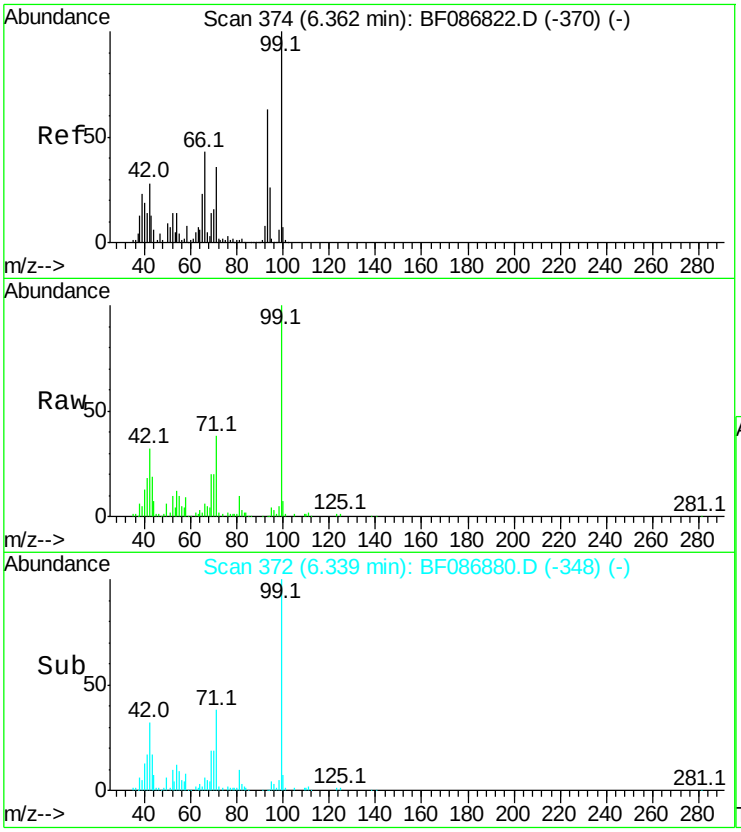


#5
2-Fluorophenol
Concen: 19.98 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:112 Resp: 163100

Ion	Ratio	Lower	Upper
112	100		
64	69.0	52.1	78.1
63	37.7	25.7	38.5



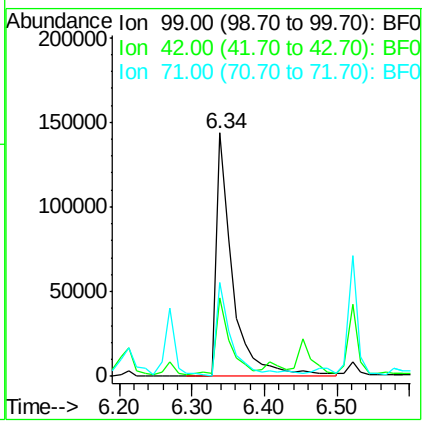


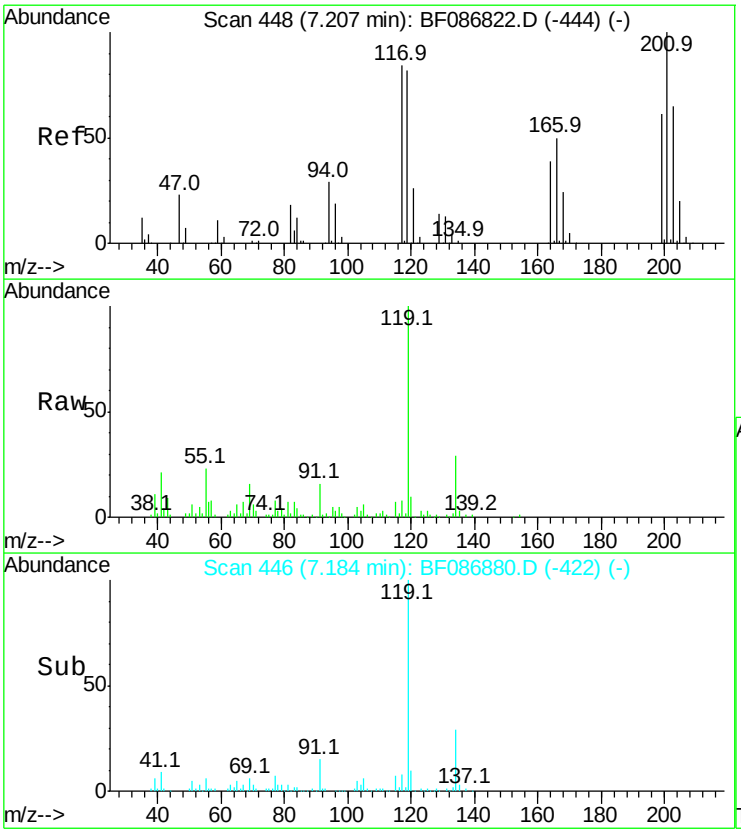
#7
Phenol-d6
Concen: 20.40 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion: 99 Resp: 222612

Ion	Ratio	Lower	Upper
99	100		
42	32.3	13.6	20.4#
71	38.5	24.6	36.8#

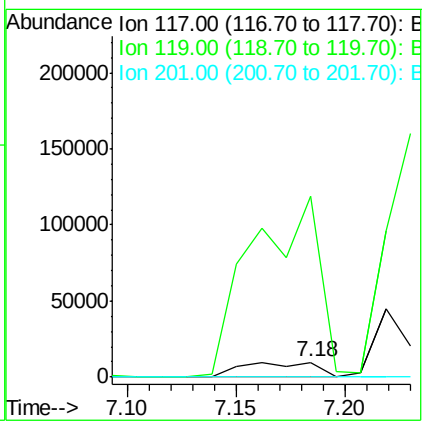


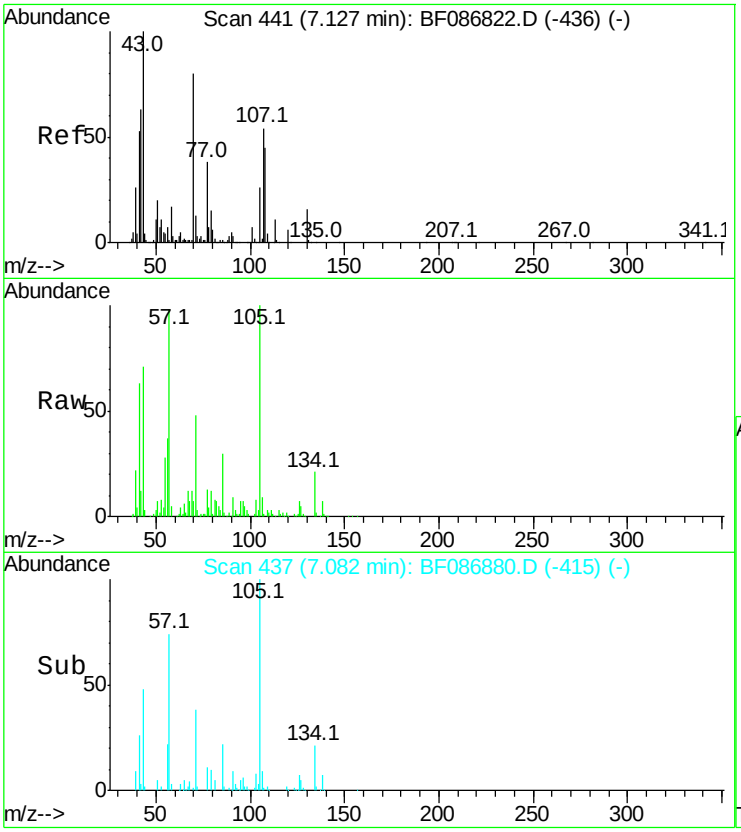


#18
Hexachloroethane
Concen: 5.49 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:117 Resp: 22458

Ion	Ratio	Lower	Upper
117	100		
119	1234.9	76.5	114.7#
201	0.0	63.0	94.6#



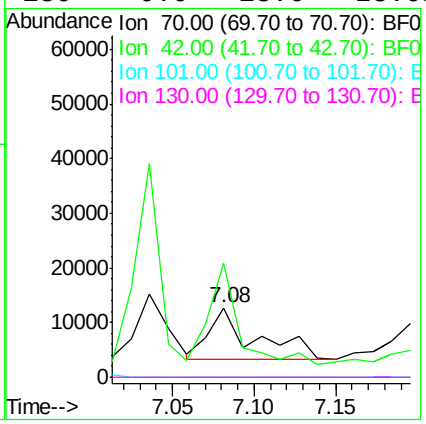


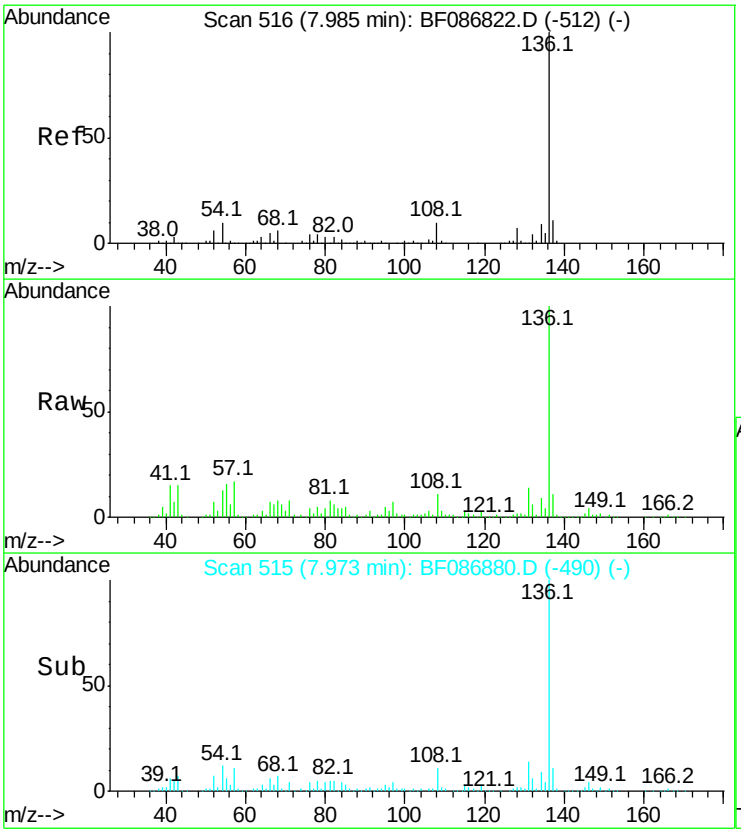
#19
n-Nitroso-di-n-propylamine
Concen: 2.42 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion: 70 Resp: 18481

Ion	Ratio	Lower	Upper
70	100		
42	162.8	43.1	64.7#
101	0.0	8.1	12.1#
130	0.0	18.6	28.0#

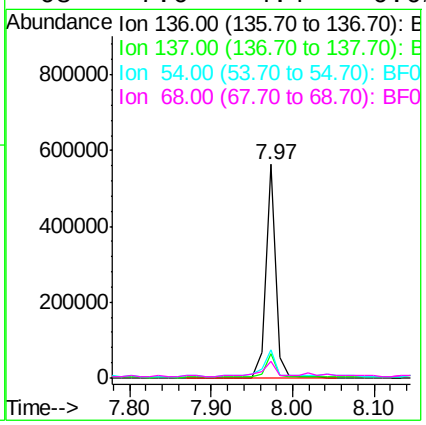


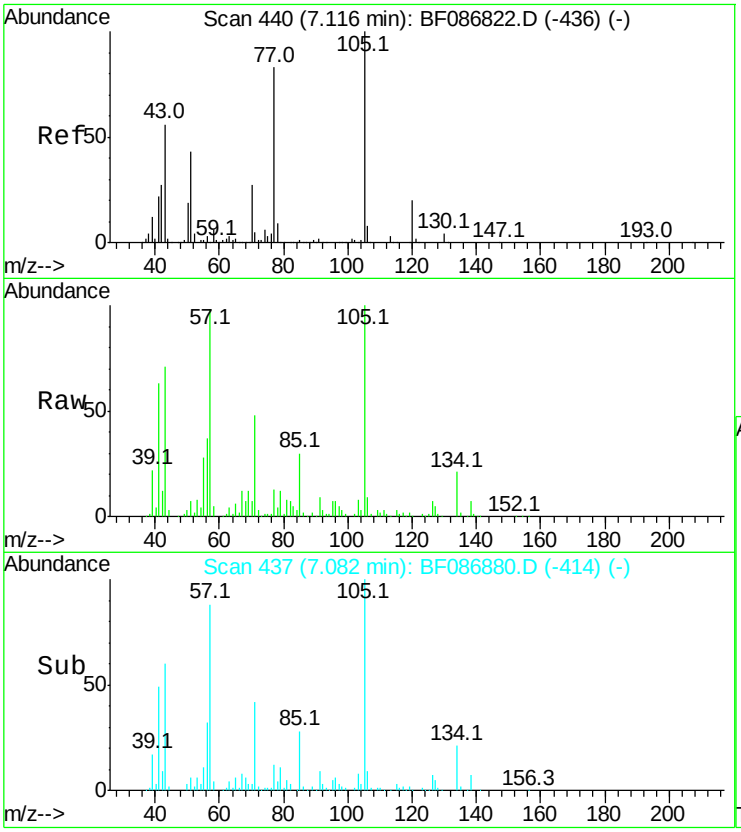


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:136 Resp: 485888

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.1	5.0	7.4#
68	7.6	4.4	6.6#



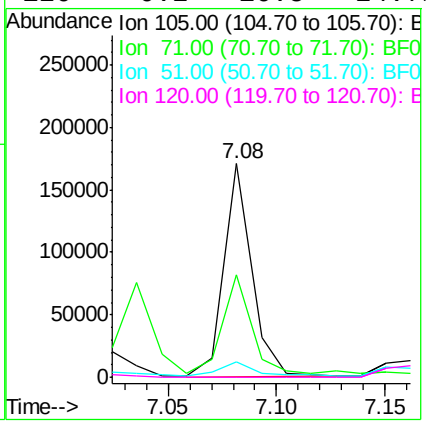


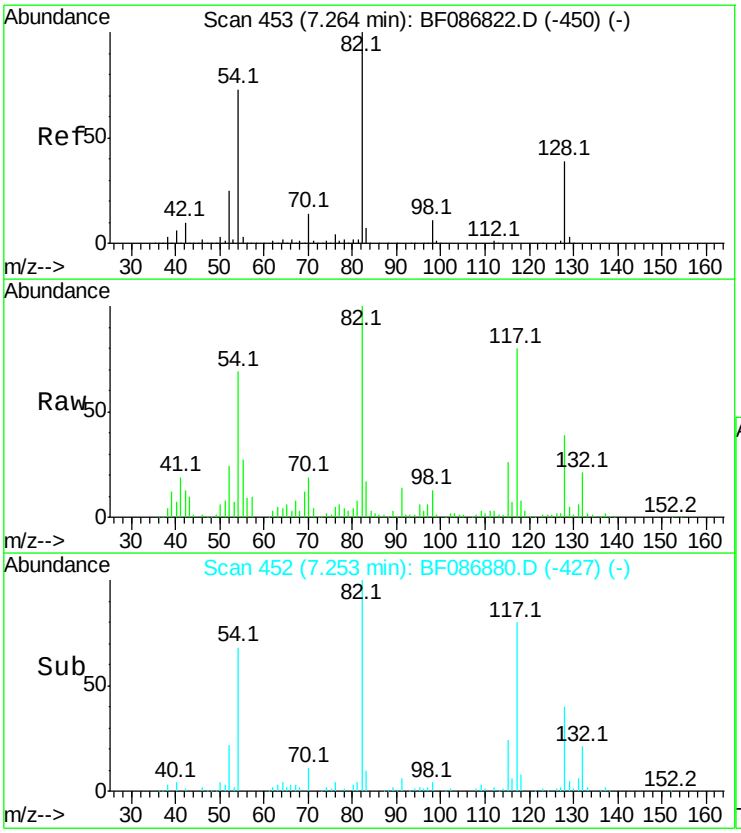
#22
Acetophenone
Concen: 13.09 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:105 Resp: 150219

Ion	Ratio	Lower	Upper
105	100		
71	47.7	4.8	7.2#
51	6.9	32.6	49.0#
120	0.2	16.5	24.7#

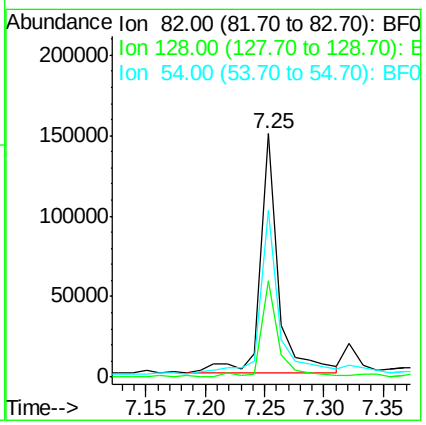


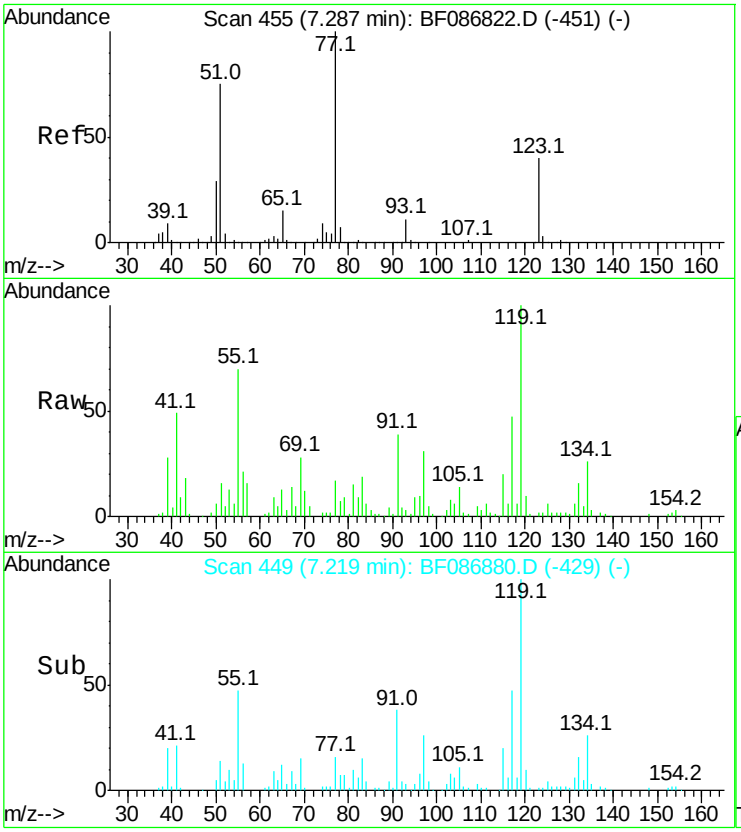


#23
Nitrobenzene-d5
Concen: 16.66 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion: 82 Resp: 161185

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	68.6	38.1	57.1#



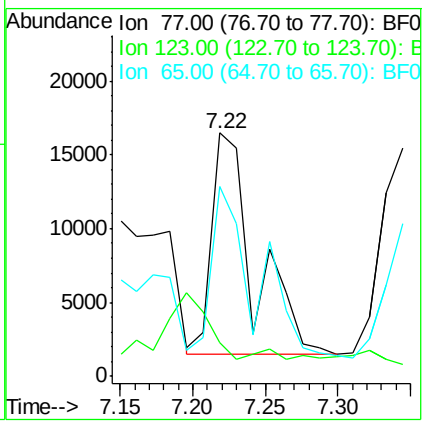


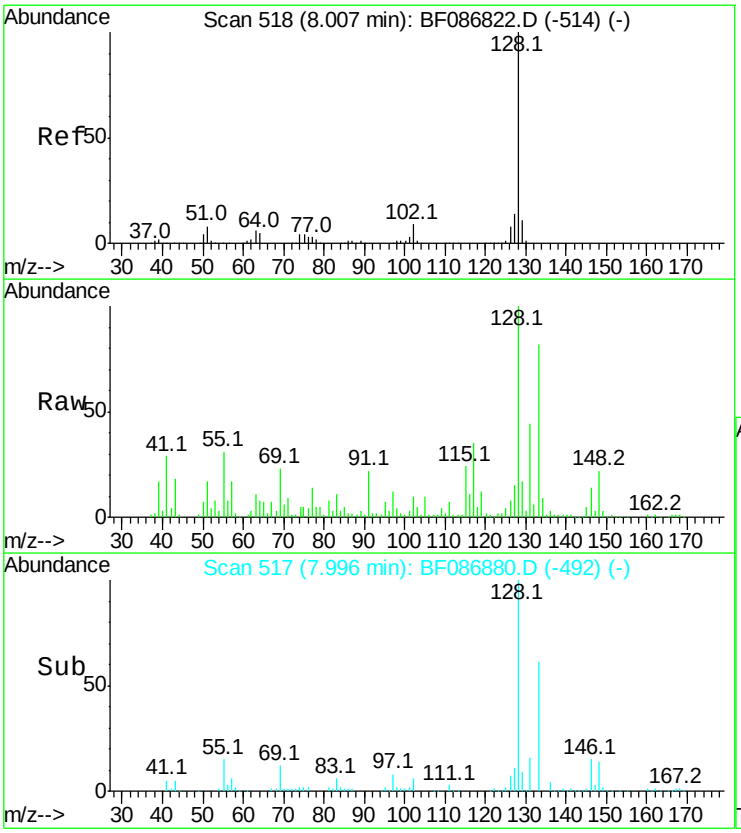
#24
Nitrobenzene
Concen: 3.05 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.07 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion: 77 Resp: 30331

Ion	Ratio	Lower	Upper
77	100		
123	13.9	33.0	49.4#
65	77.9	10.8	16.2#

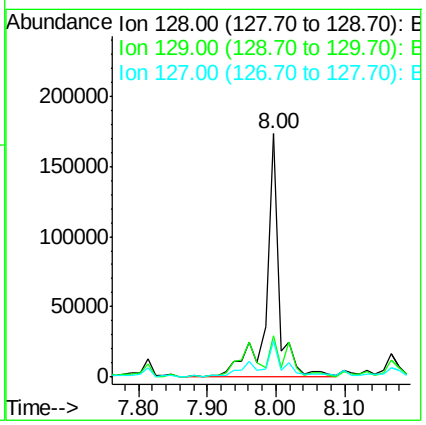


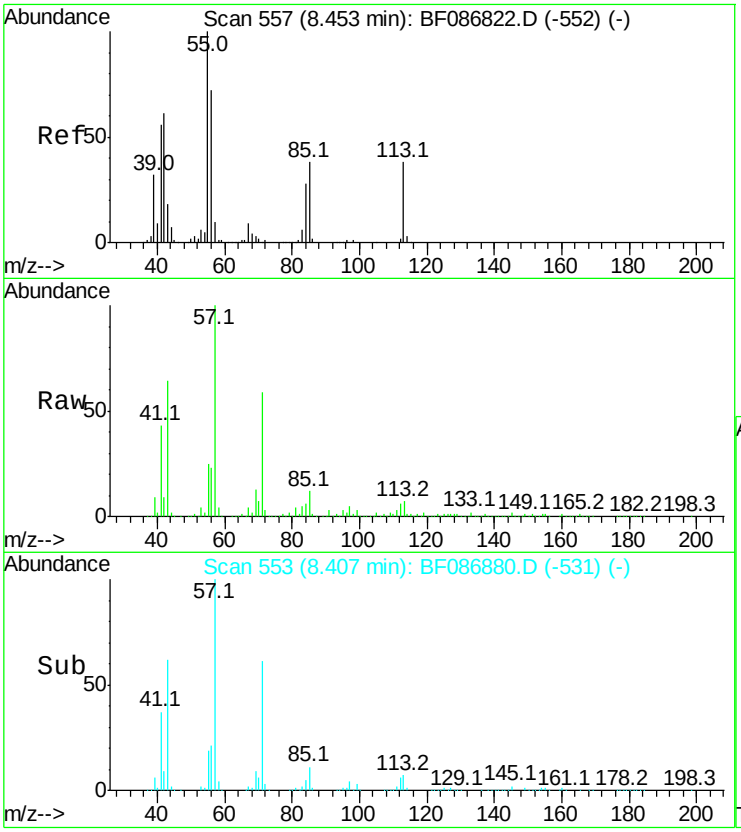


#31
Naphthalene
Concen: 9.34 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:128 Resp: 227282

Ion	Ratio	Lower	Upper
128	100		
129	17.0	8.6	13.0#
127	14.9	10.8	16.2



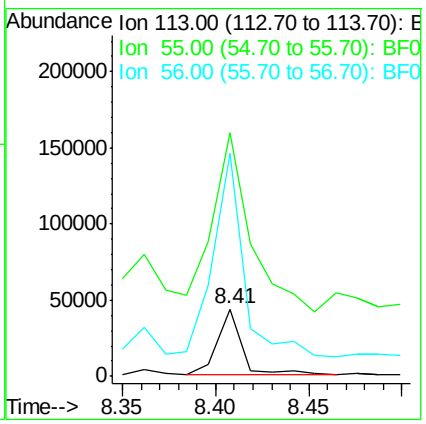


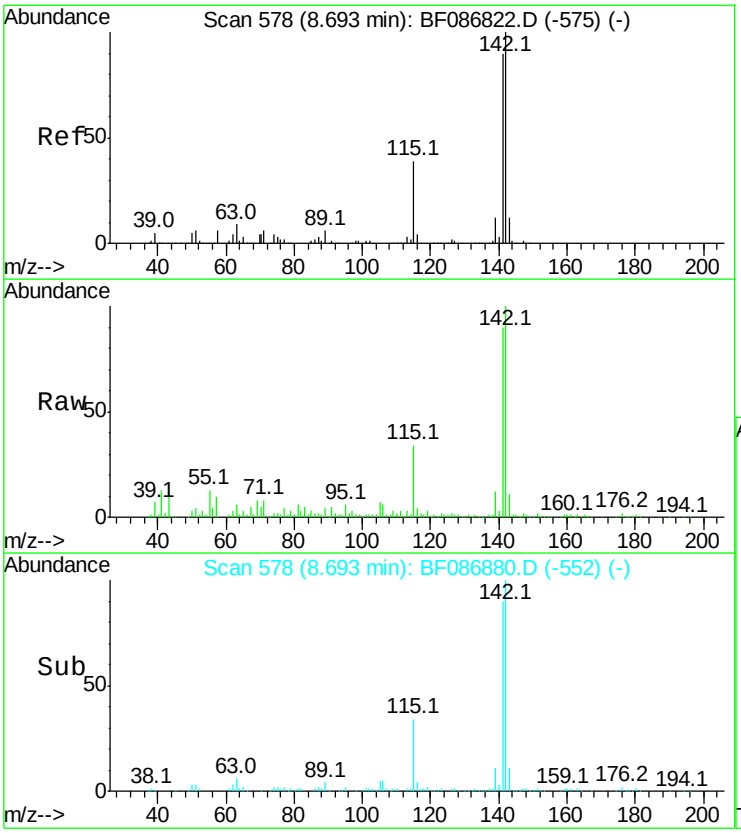
#35
Caprolactam
Concen: 17.97 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.05 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:113 Resp: 40115

Ion	Ratio	Lower	Upper
113	100		
55	361.0	162.0	202.0#
56	331.5	115.3	155.3#

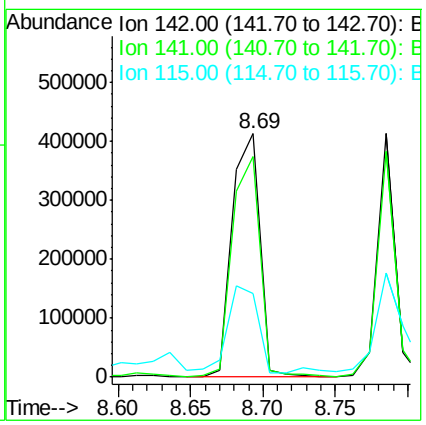


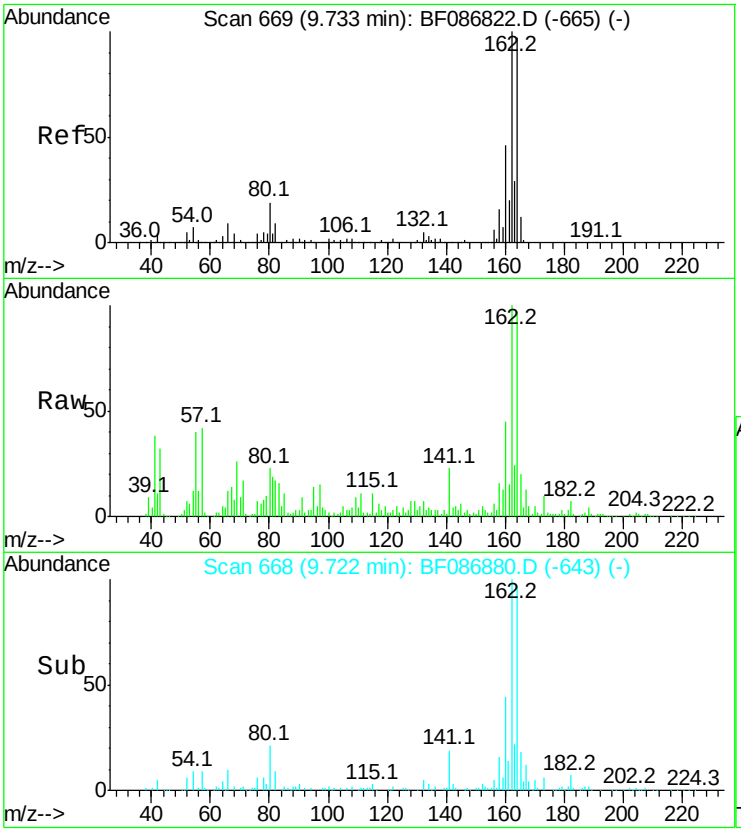


#37
2-Methylnaphthalene
Concen: 38.27 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:142 Resp: 544551

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	34.1	26.6	39.8



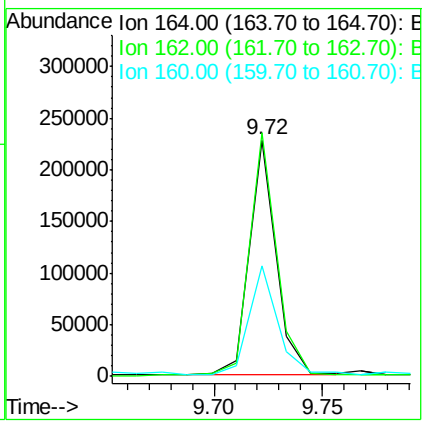


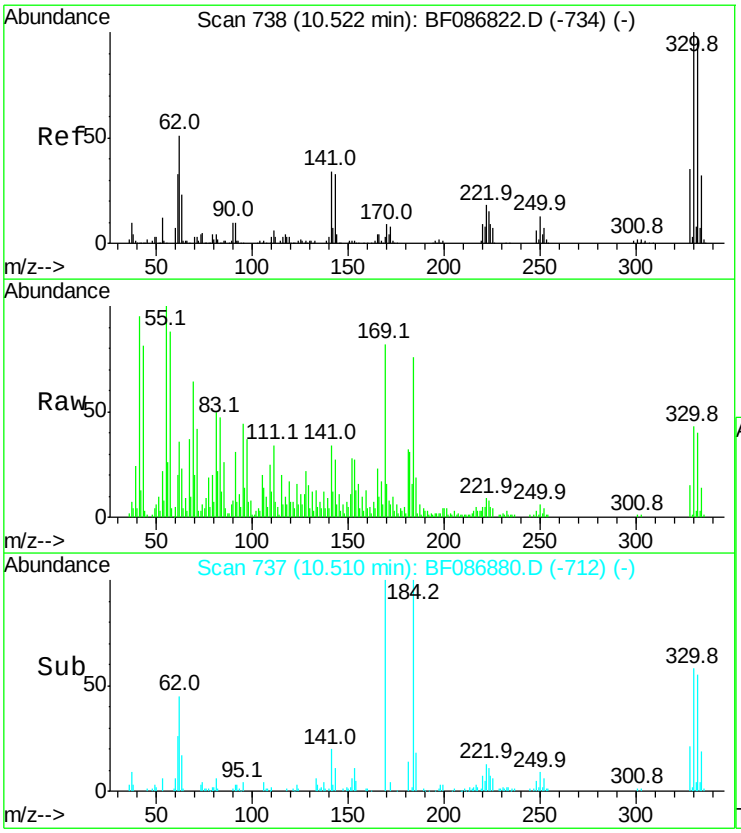
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:164 Resp: 194805

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.5	36.9	55.3

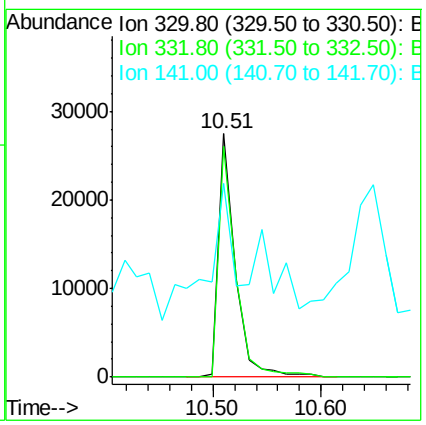


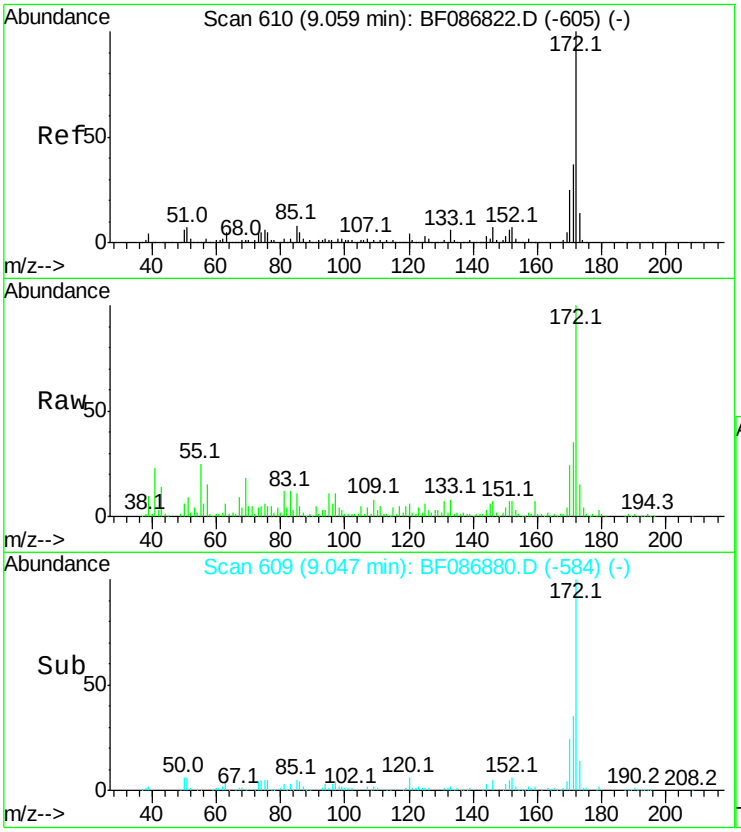


#41
2,4,6-Tribromophenol
Concen: 14.49 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:330 Resp: 29881

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	91.8	31.2	46.8#

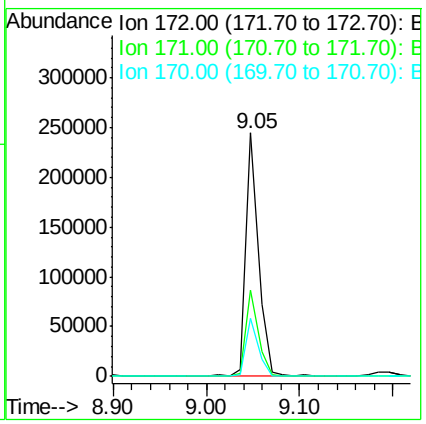




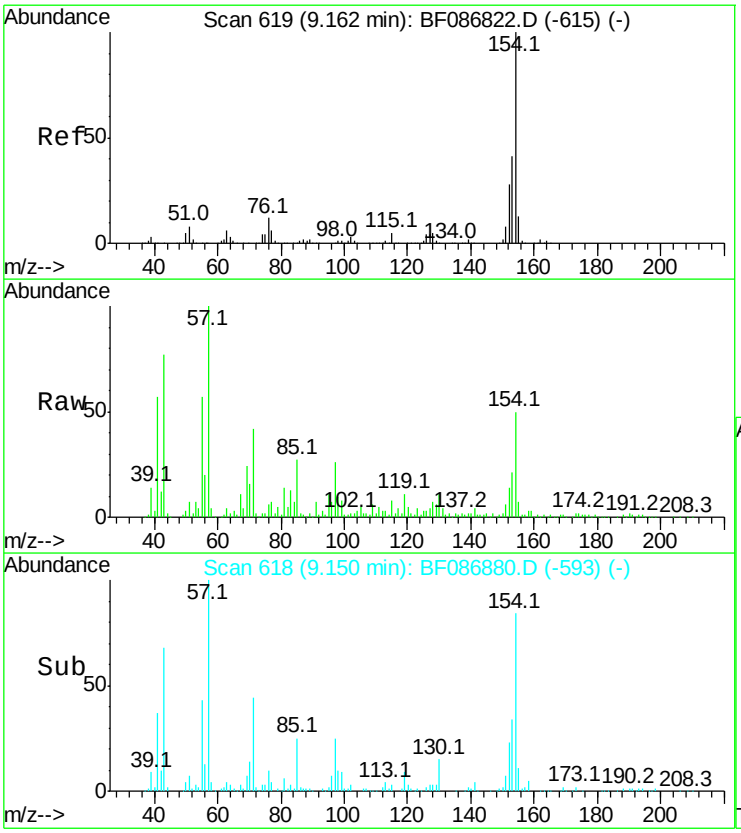
#44
2-Fluorobiphenyl
Concen: 20.00 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:172 Resp: 231791

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.6	19.8	29.8



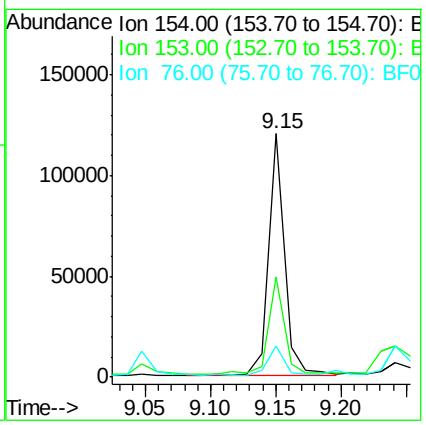
Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

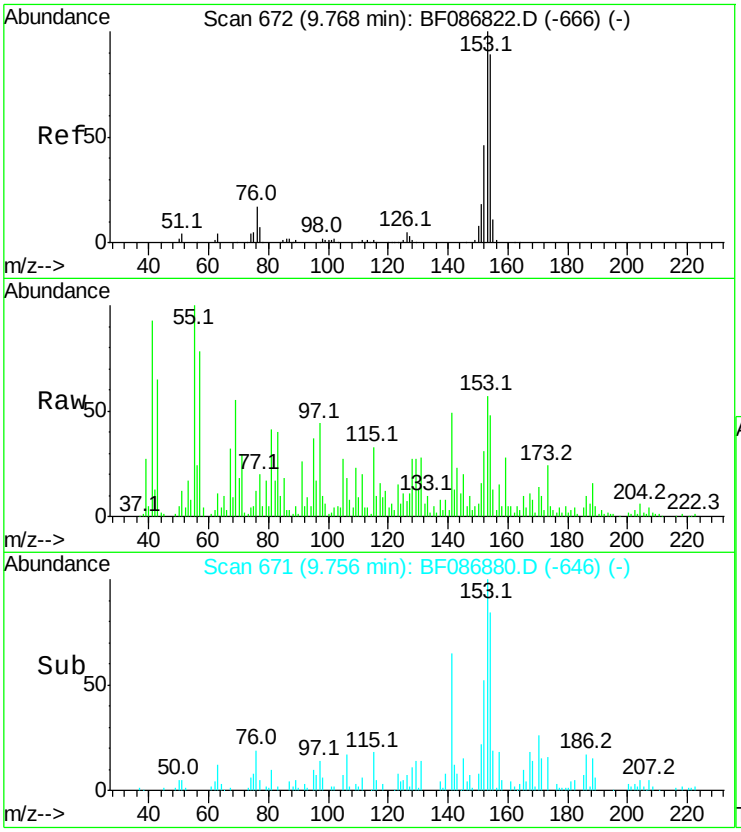


#45
1,1'-Biphenyl
Concen: 6.67 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:154 Resp: 103345

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	12.7	0.0	30.2



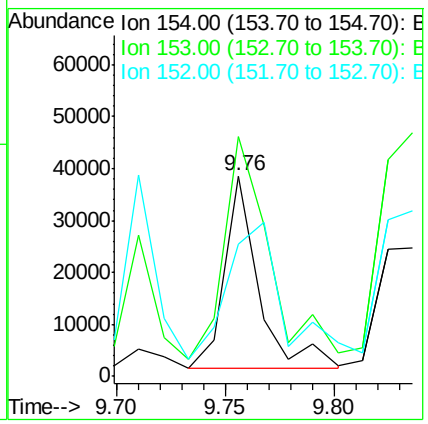


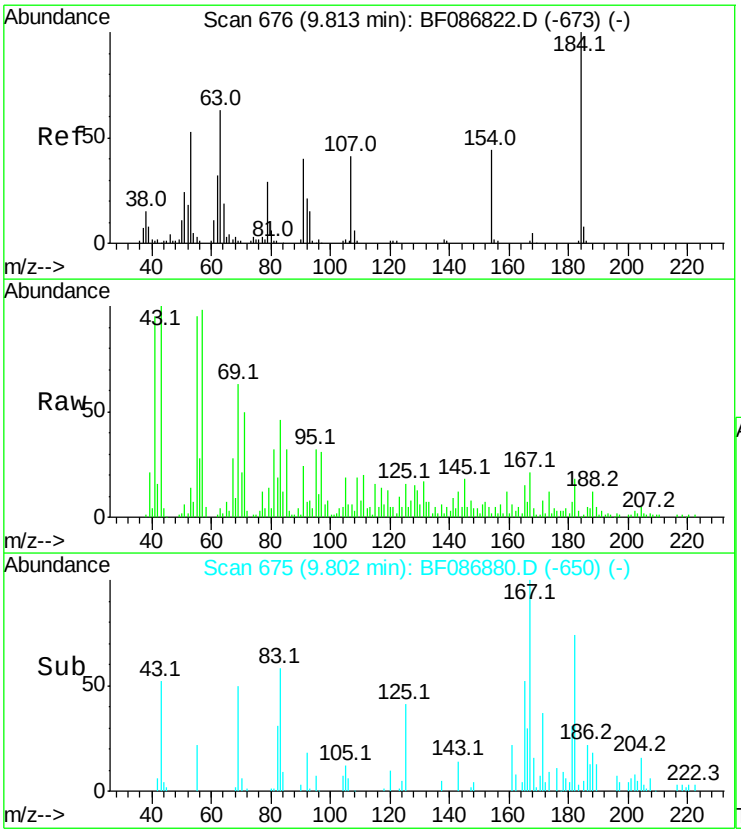
#51
Acenaphthene
Concen: 3.58 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:154 Resp: 39737

Ion	Ratio	Lower	Upper
154	100		
153	119.9	89.8	134.6
152	66.1	43.4	65.0#

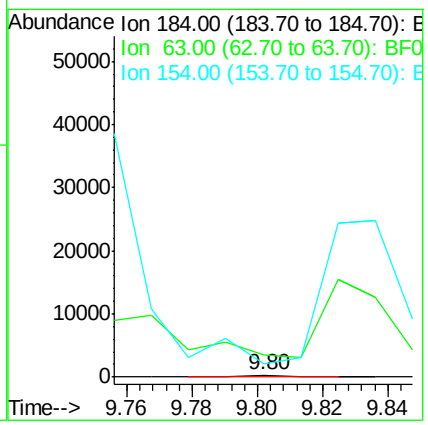


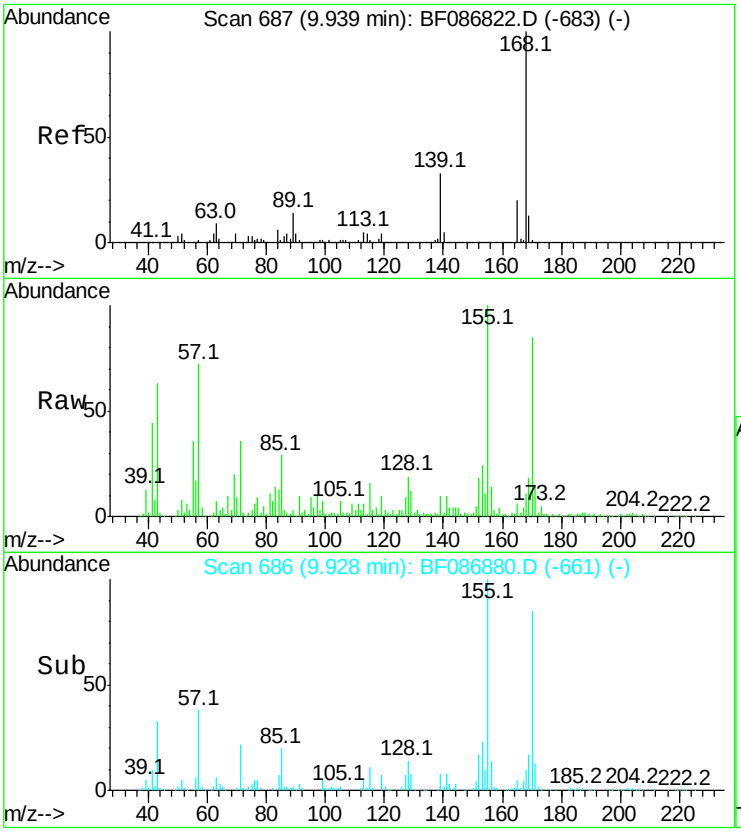


#53
2,4-Dinitrophenol
Concen: 7.83 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:184 Resp: 242

Ion	Ratio	Lower	Upper
184	100		
63	973.4	55.8	83.8#
154	573.7	62.4	93.6#



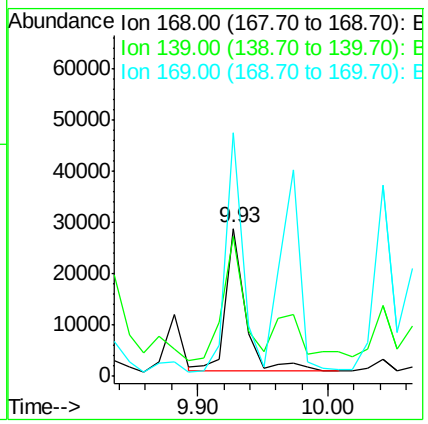


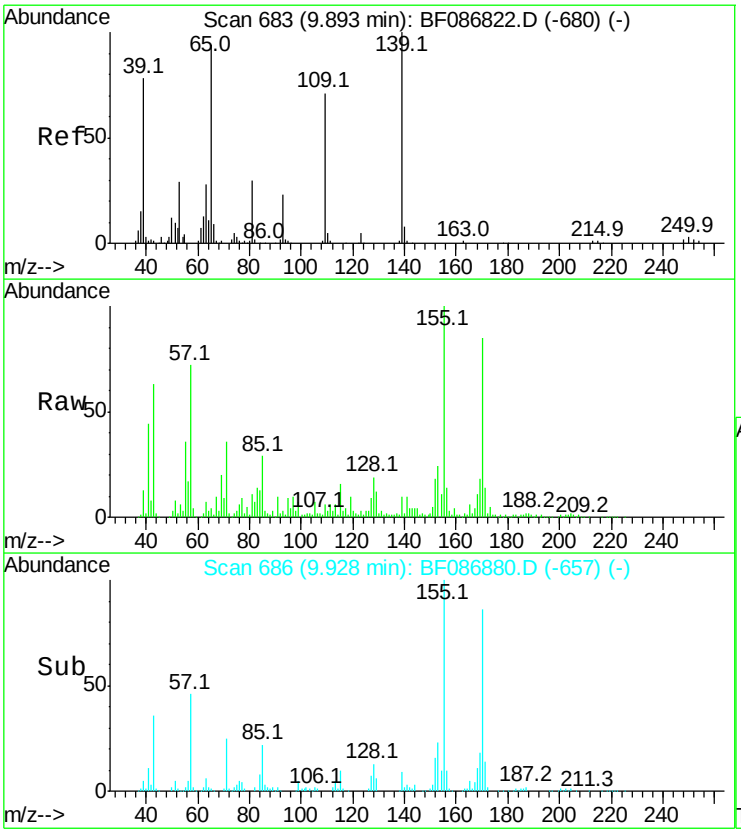
#54
Dibenzofuran
Concen: 2.06 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:168 Resp: 29440

Ion	Ratio	Lower	Upper
168	100		
139	95.0	31.4	47.0#
169	164.7	10.7	16.1#

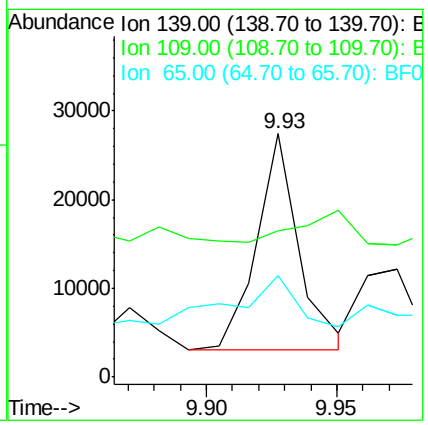


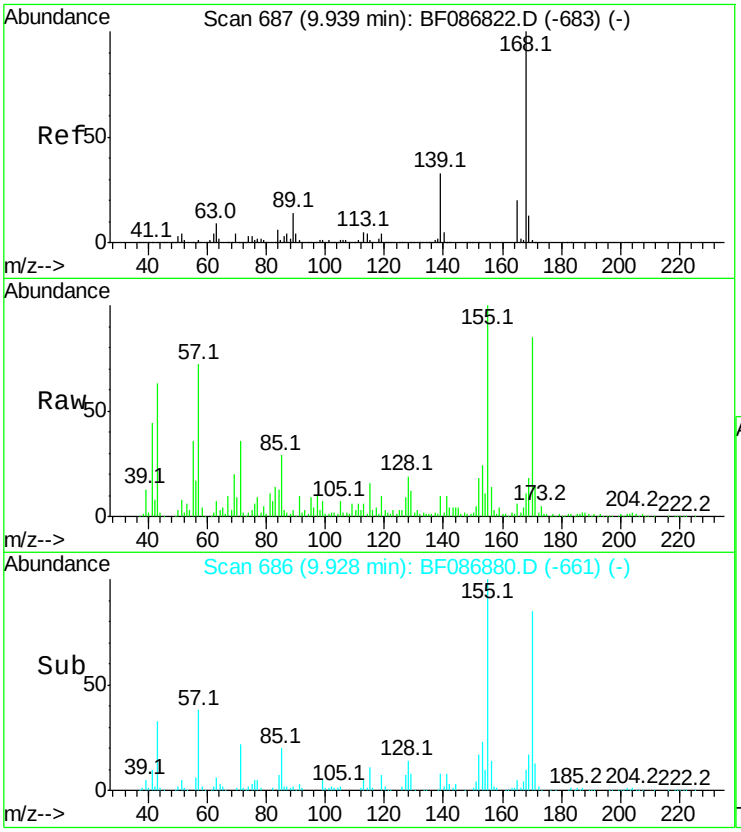


#55
4-Nitrophenol
Concen: 16.34 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:139 Resp: 27425

Ion	Ratio	Lower	Upper
139	100		
109	60.2	36.9	76.9
65	41.9	64.0	104.0#



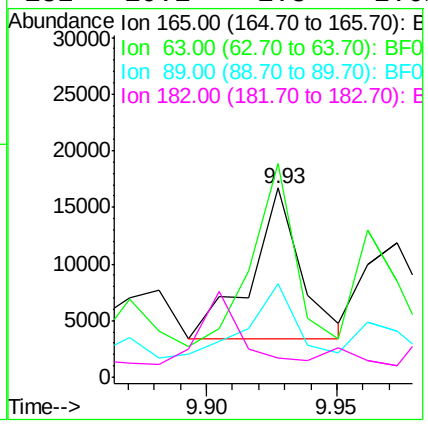


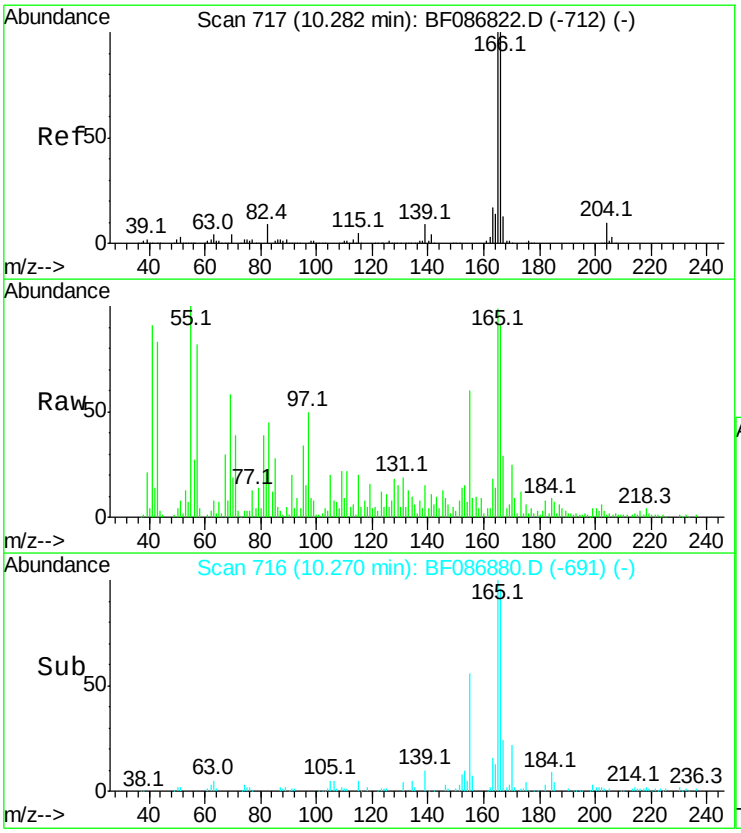
#56
2,4-Dinitrotoluene
Concen: 4.55 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:165 Resp: 17598

Ion	Ratio	Lower	Upper
165	100		
63	113.0	44.3	66.5#
89	49.7	70.0	105.0#
182	10.1	1.8	2.6#

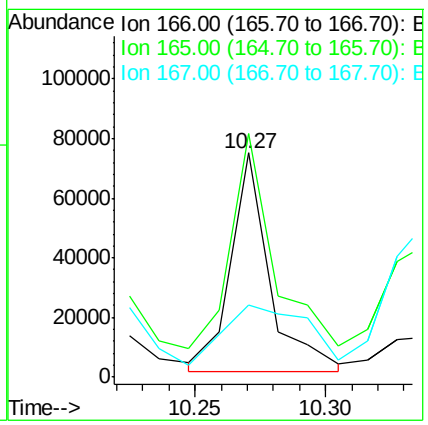


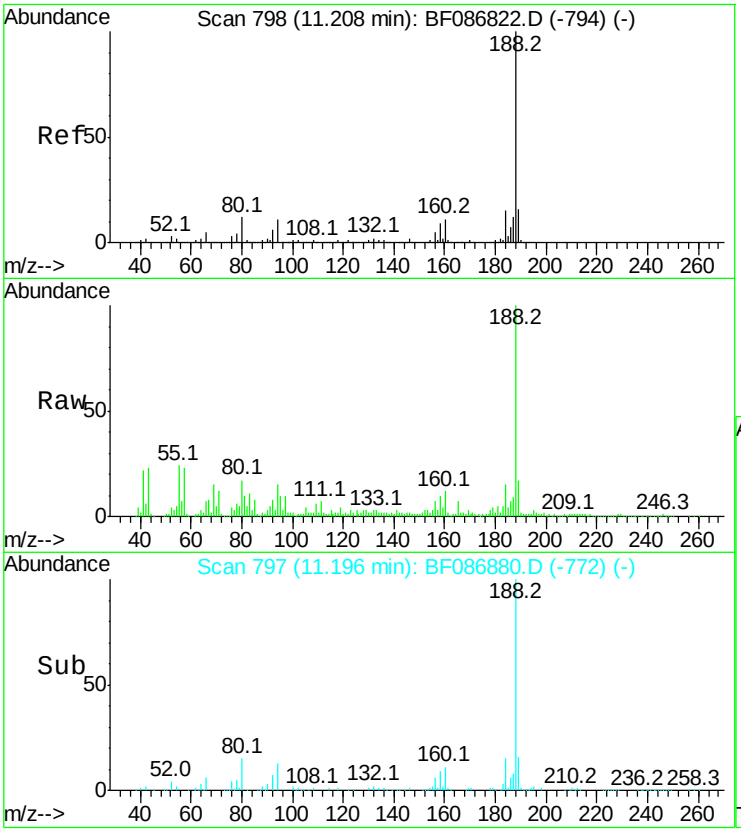


#57
Fluorene
Concen: 6.28 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:166 Resp: 76382

Ion	Ratio	Lower	Upper
166	100		
165	108.7	79.0	118.6
167	32.2	10.6	15.8#



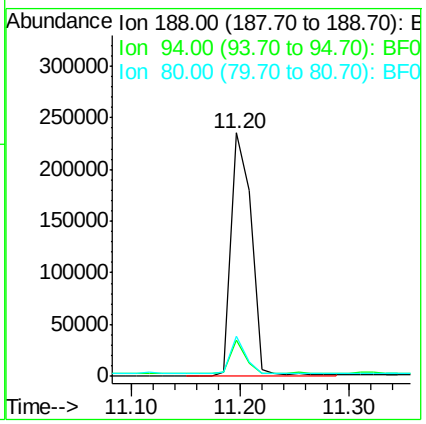


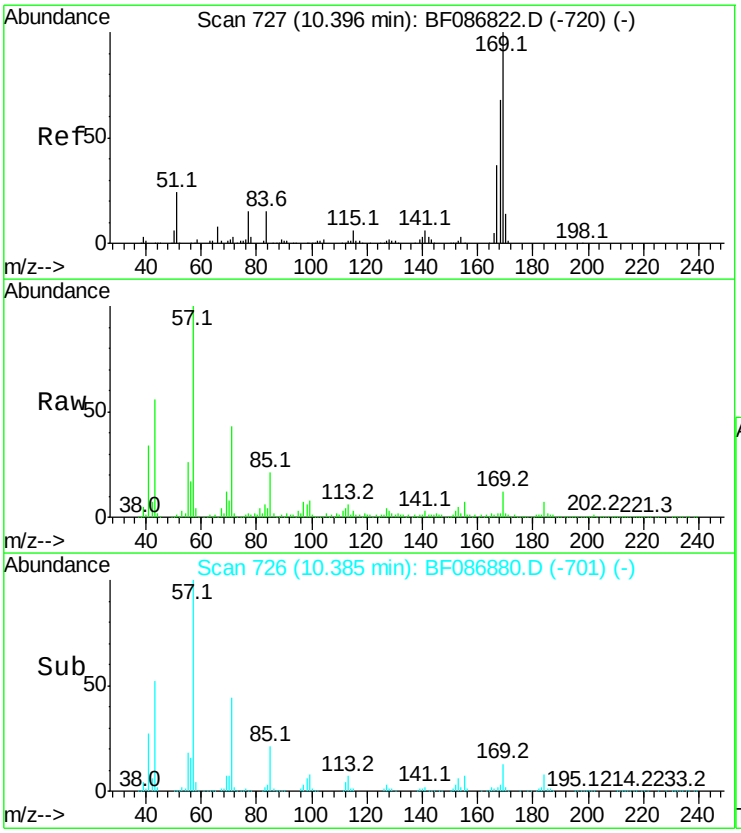
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:188 Resp: 295572

Ion	Ratio	Lower	Upper
188	100		
94	14.7	6.8	10.2#
80	16.6	7.1	10.7#

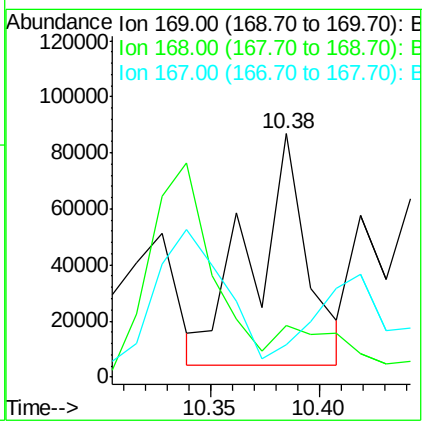


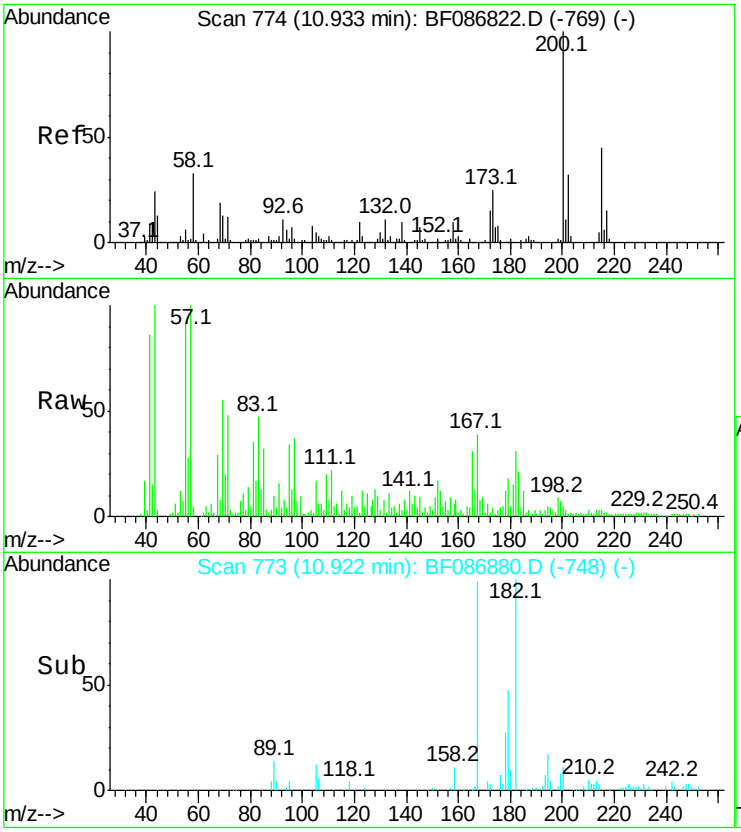


#65
n-Nitrosodiphenylamine
Concen: 16.14 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:169 Resp: 146586

Ion	Ratio	Lower	Upper
169	100		
168	21.4	53.8	80.6#
167	13.2	29.5	44.3#



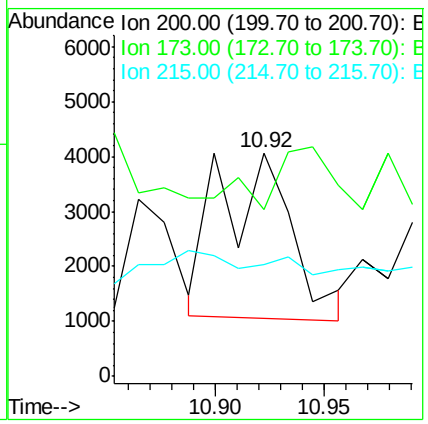


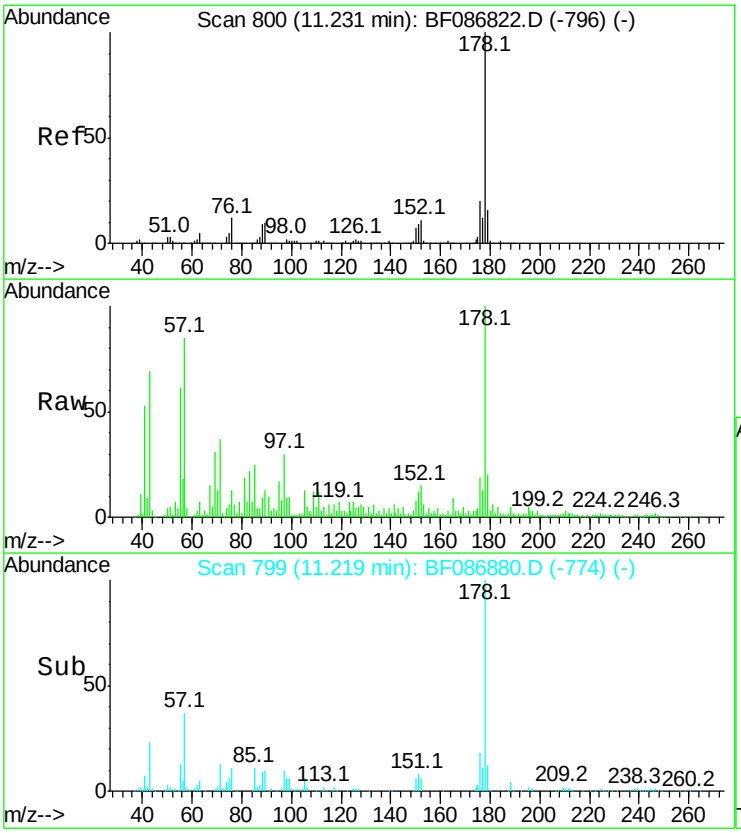
#68
Atrazine
Concen: 2.27 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:200 Resp: 6892

Ion	Ratio	Lower	Upper
200	100		
173	74.6	8.5	48.5#
215	49.8	27.2	67.2

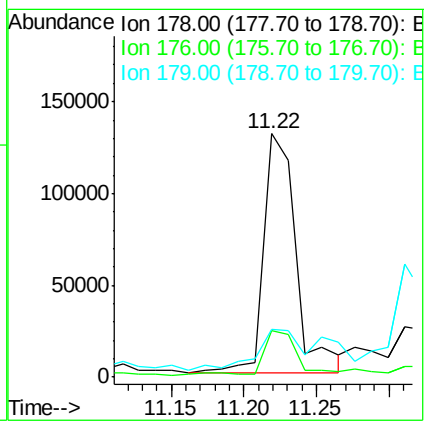


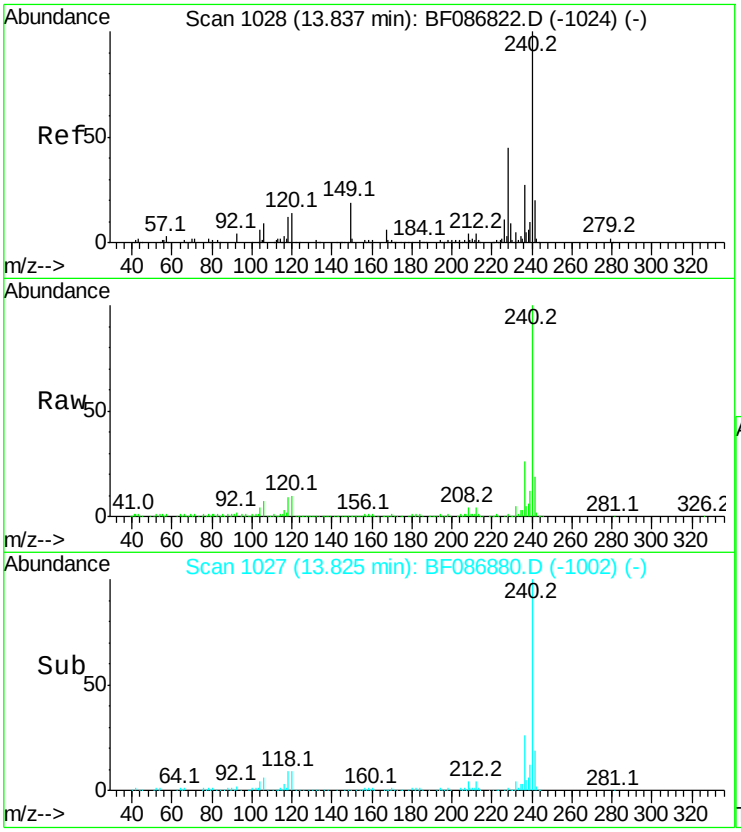


#70
Phenanthrene
Concen: 12.81 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:178 Resp: 201990

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	19.7	12.6	18.8#



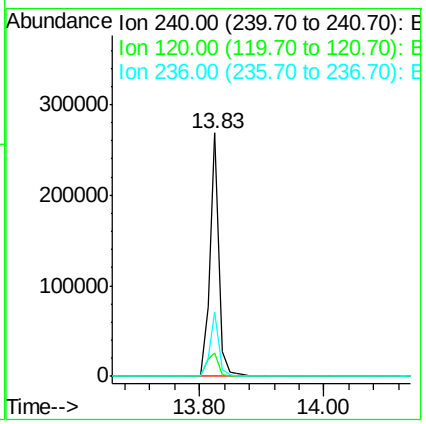


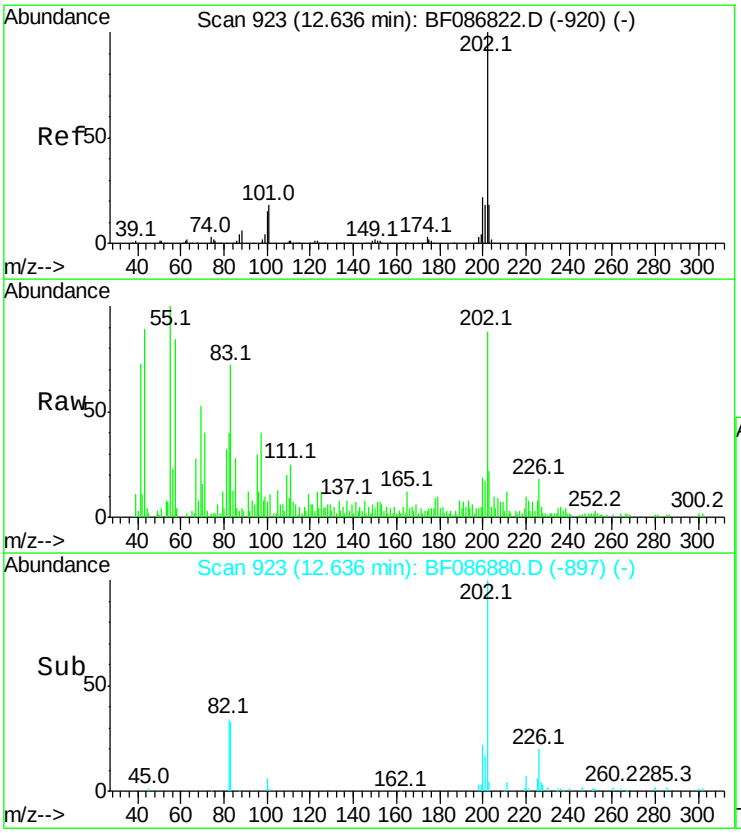
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:240 Resp: 266872

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.4	21.2	31.8

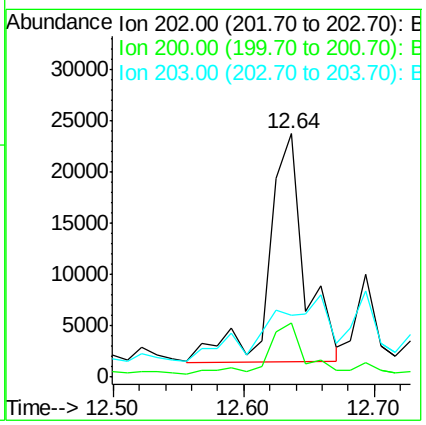


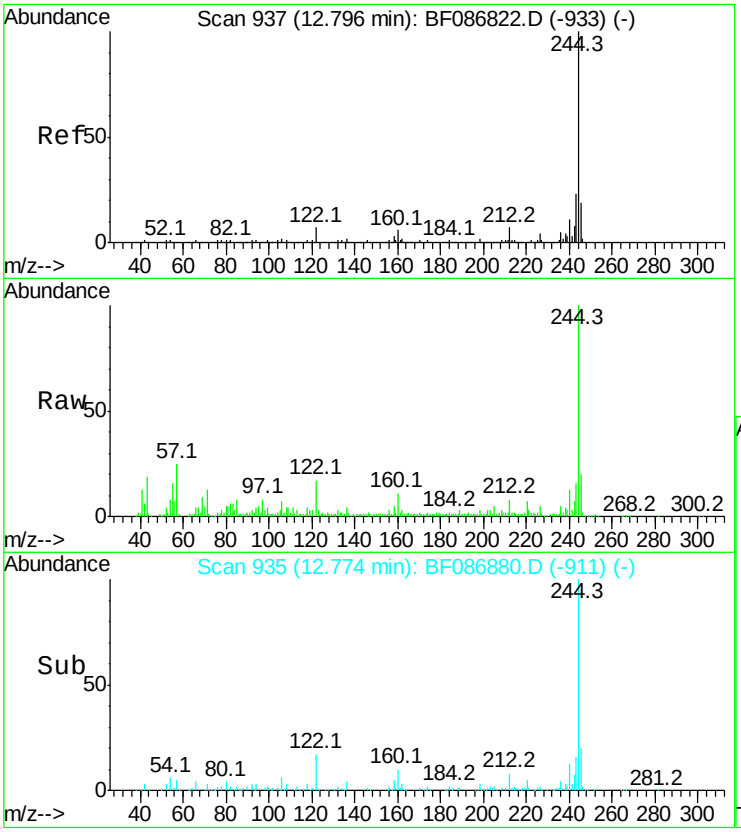


#77
Pyrene
Concen: 2.11 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:202 Resp: 43129

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	25.5	14.2	21.4#



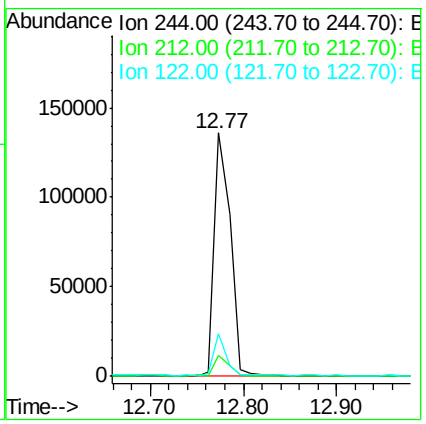


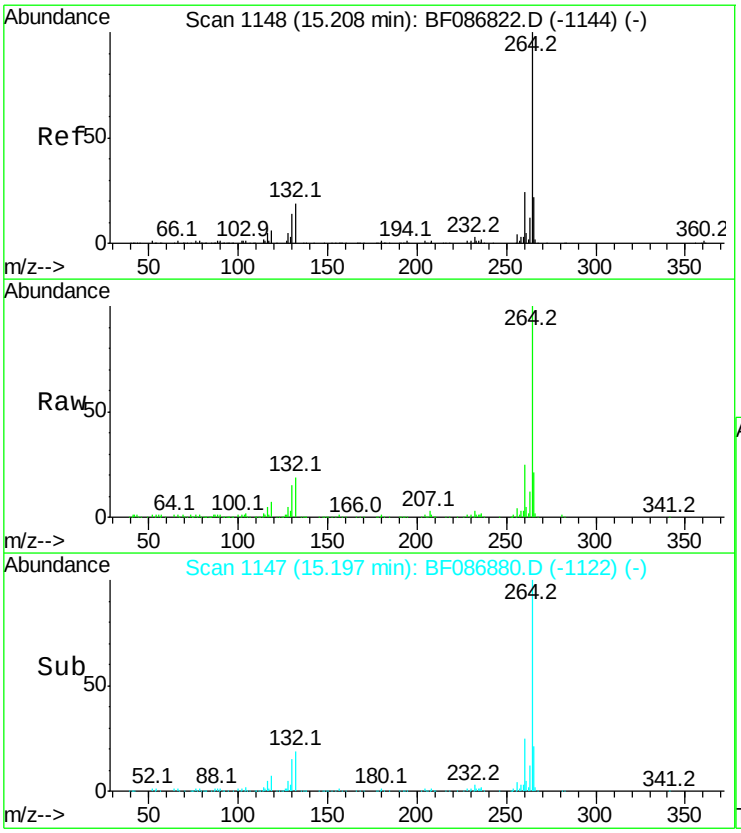
#78
Terphenyl-d14
Concen: 12.96 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Instrument :
BNA_F
ClientSampleId :
SA(1)8DL

Tgt Ion:244 Resp: 163032

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	17.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086880.D
Acq: 11 May 2016 4:43

Tgt Ion:264 Resp: 229726

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.8	17.3	25.9