Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087940.D
Acq On : 12 Jun 2016 10:44
Operator : UM/SJ
Sample : H3425-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0882

Quant Time: Jun 13 01:15:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 01:05:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103896	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	426800	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	206485	20.00	ng		-0.05
63) Phenanthrene-d10	11.32	188	400072	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	313289	20.00	ng		-0.03
86) Perylene-d12	15.37	264	229455	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	406625	66.91	ng		-0.03
7) Phenol-d6	6.43	99	379976	51.59	ng		-0.05
23) Nitrobenzene-d5	7.37	82	669193	91.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.63	330	252085	115.62	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1158041	88.32	ng		-0.05
78) Terphenyl-d14	12.91	244	994542	72.24	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.44	94	1834	Below Cal			88
19) n-Nitroso-di-n-propylamine	7.37	70	89628	19.02	ng	#	70
31) Naphthalene	8.11	128	103922	4.92	ng		98
35) Caprolactam	8.55	113	4539	2.35	ng	#	1
45) 1,1'-Biphenyl	9.27	154	1830	Below Cal			93
50) 2,6-Dinitrotoluene	9.84	165	26573	7.76	ng	#	40
56) 2,4-Dinitrotoluene	9.84	165	26871	6.10	ng	#	38
57) Fluorene	10.39	166	5341	Below Cal			99
64) 4,6-Dinitro-2-methylphenol	10.63	198	420	2.32	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	15209	3.54	ng	#	1

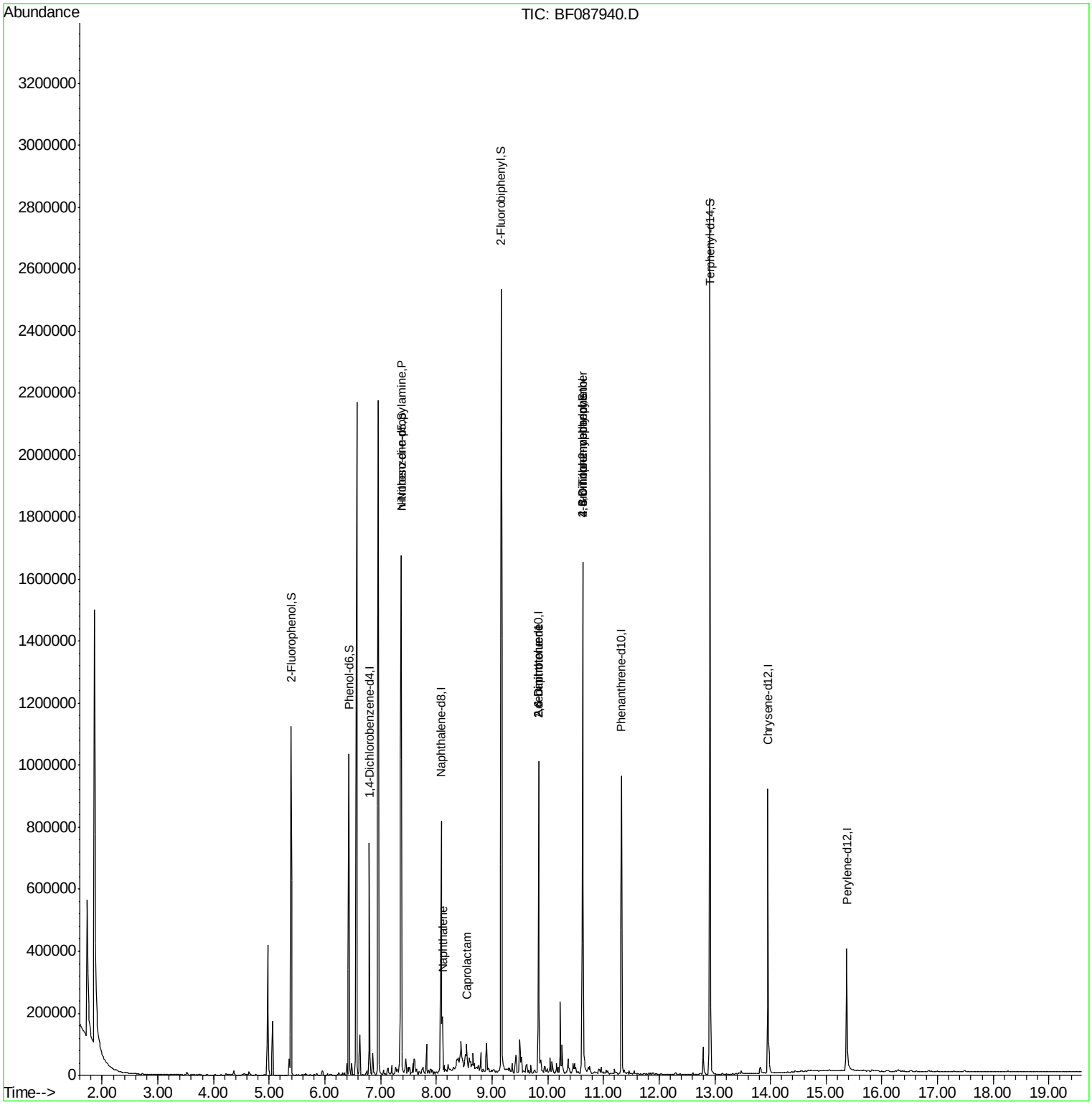
(#) = qualifier out of range (m) = manual integration (+) = signals summed

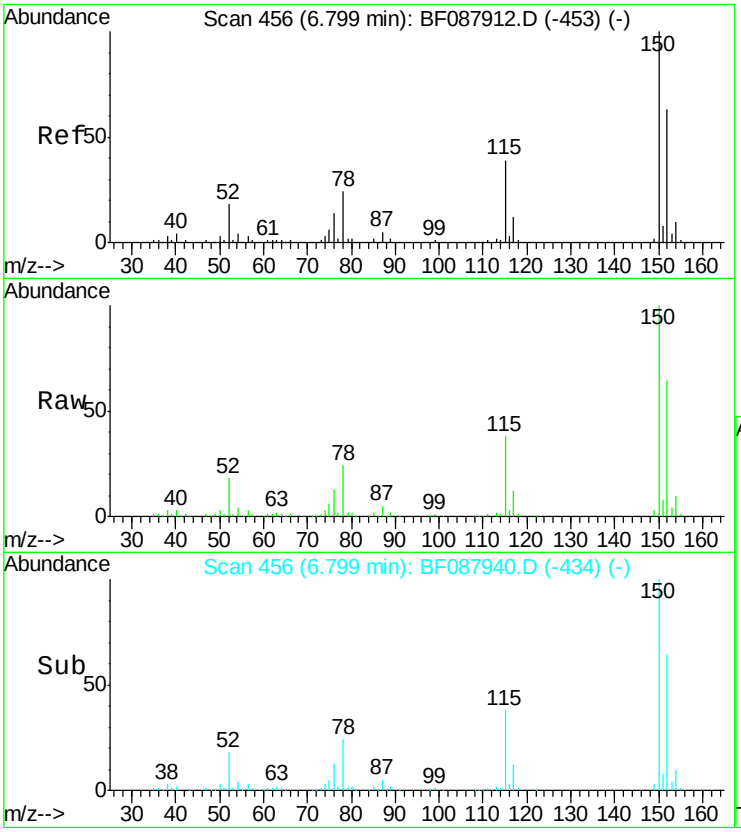
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087940.D
Acq On : 12 Jun 2016 10:44
Operator : UM/SJ
Sample : H3425-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0882

Quant Time: Jun 13 01:15:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 01:05:20 2016
Response via : Initial Calibration



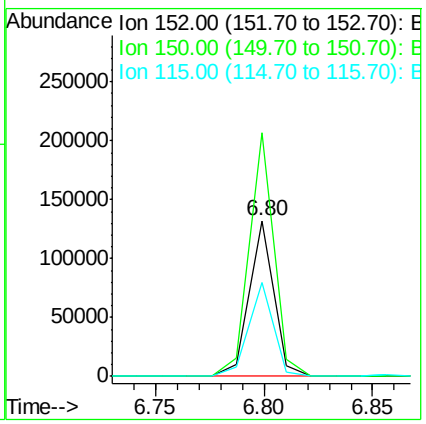


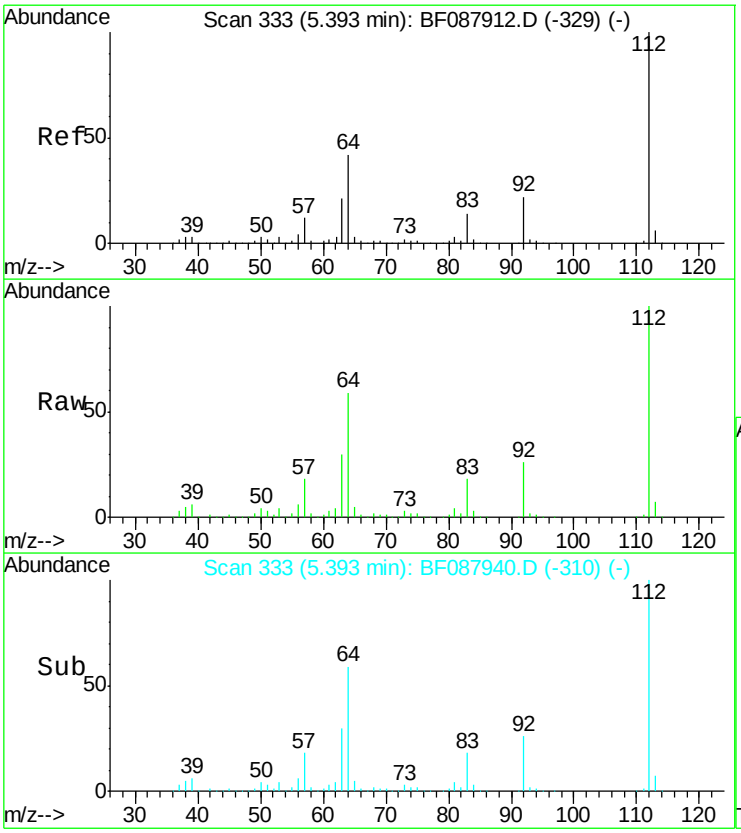
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:152 Resp: 103896

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	60.1	39.6	59.4#

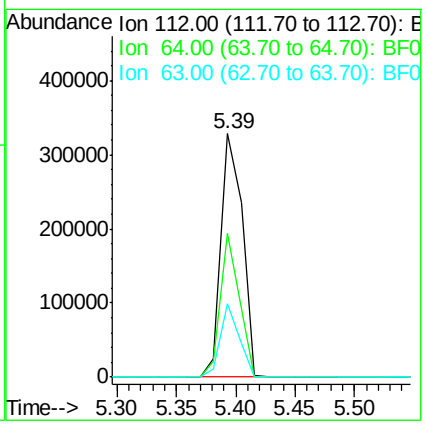


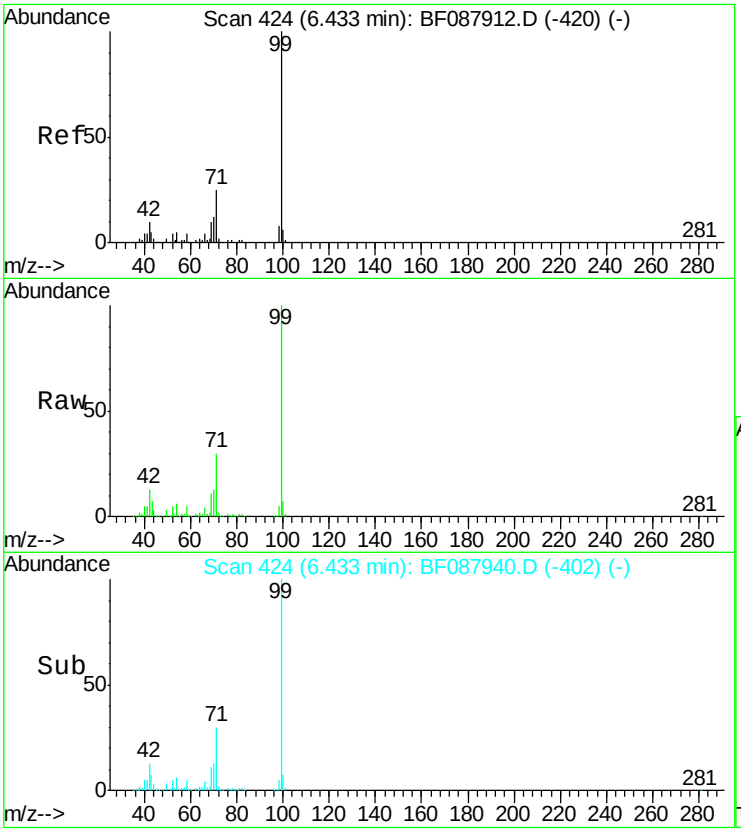


#5
2-Fluorophenol
Concen: 66.91 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:112 Resp: 406625

Ion	Ratio	Lower	Upper
112	100		
64	59.3	42.2	63.2
63	30.1	21.8	32.8



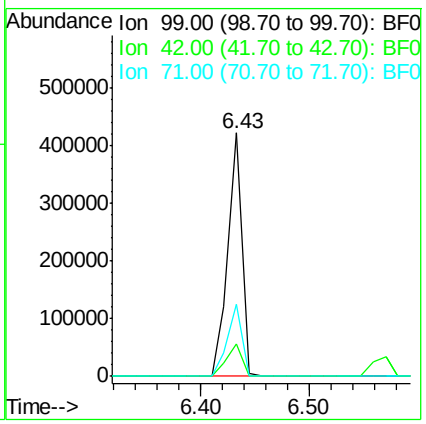


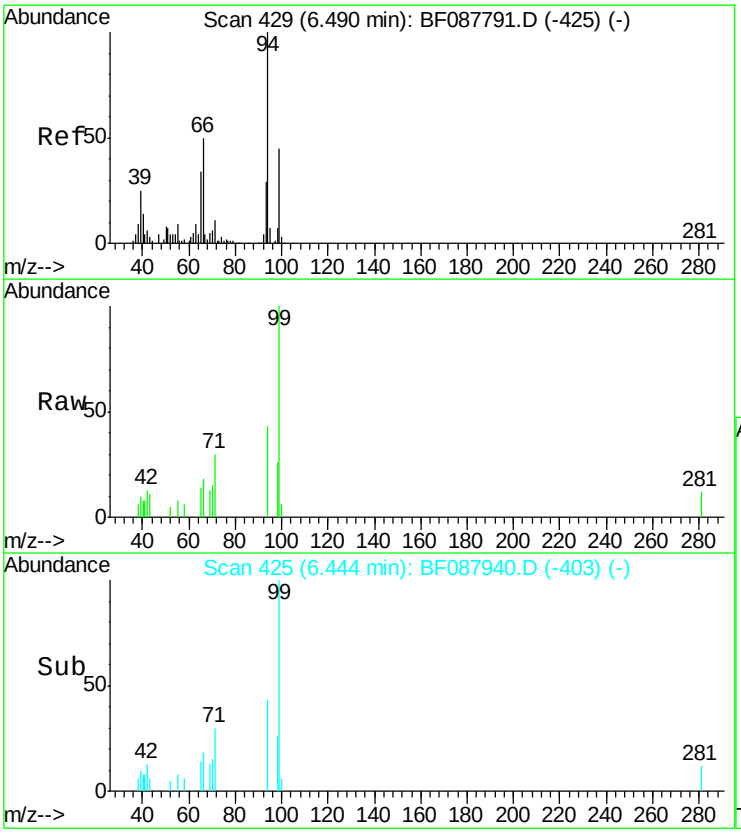
#7
Phenol-d6
Concen: 51.59 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion: 99 Resp: 379976

Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.2	18.2
71	29.6	23.4	35.0

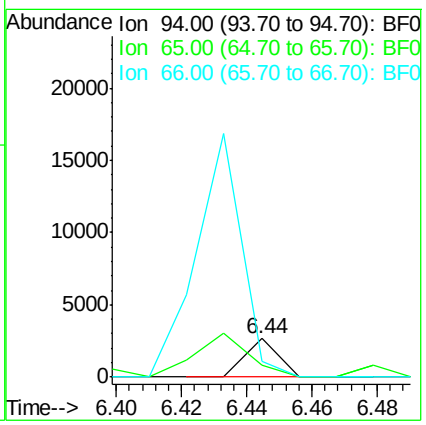


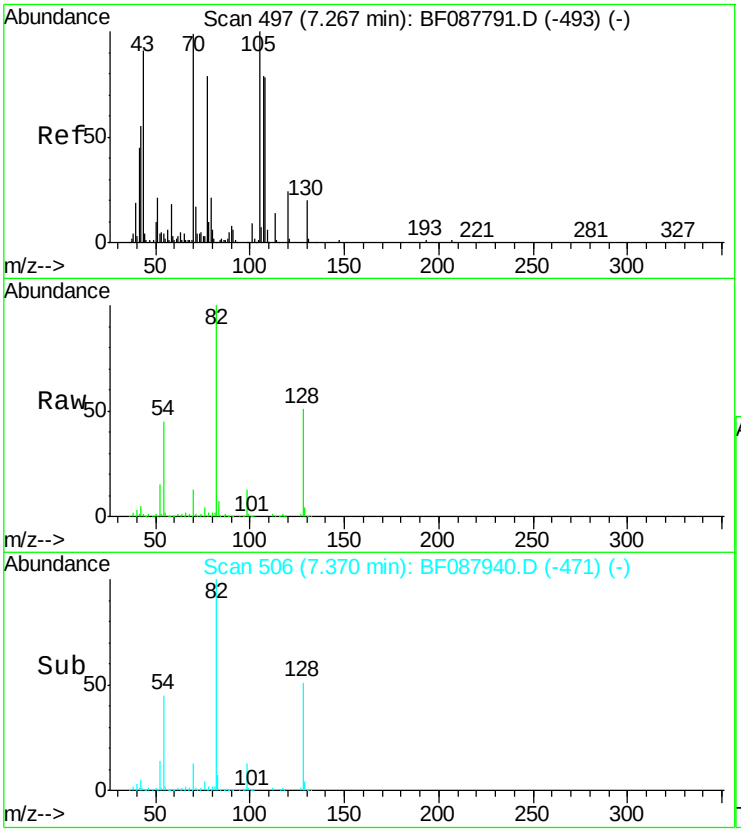


#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion: 94 Resp: 1834

Ion	Ratio	Lower	Upper
94	100		
65	31.7	5.9	45.9
66	41.0	14.0	54.0



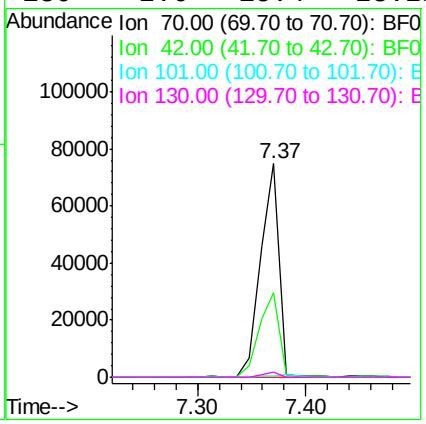


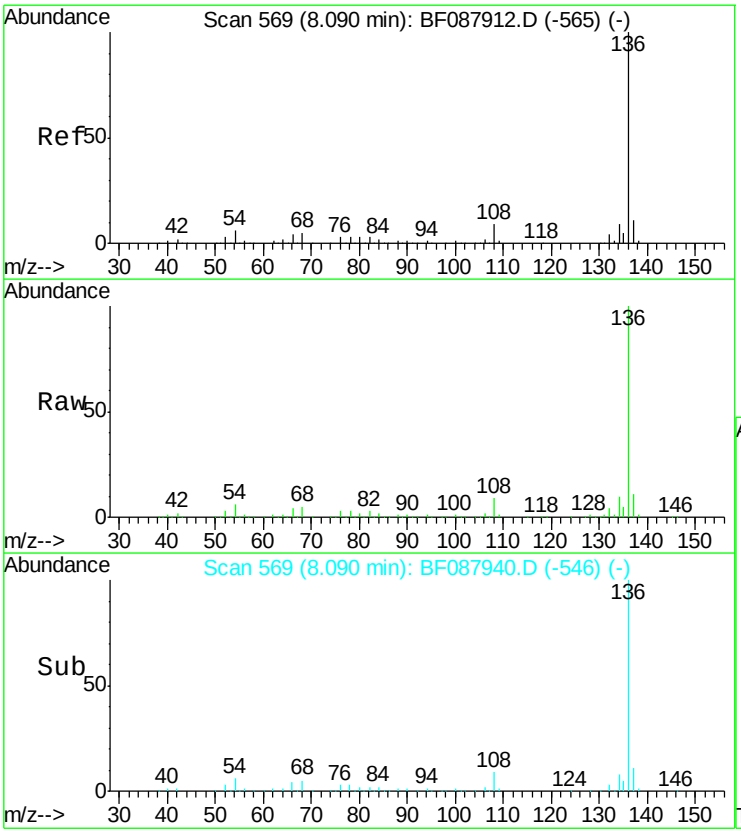
#19
n-Nitroso-di-n-propylamine
Concen: 19.02 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion: 70 Resp: 89628

Ion	Ratio	Lower	Upper
70	100		
42	39.7	49.6	74.4#
101	0.7	7.1	10.7#
130	2.6	15.4	23.2#

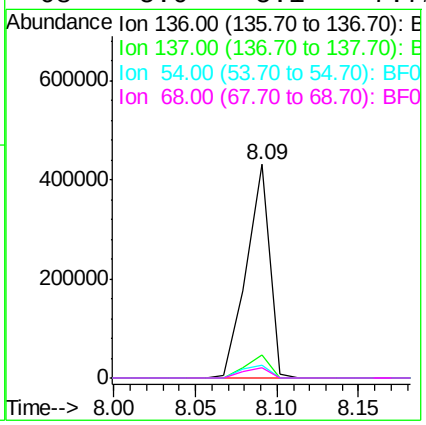


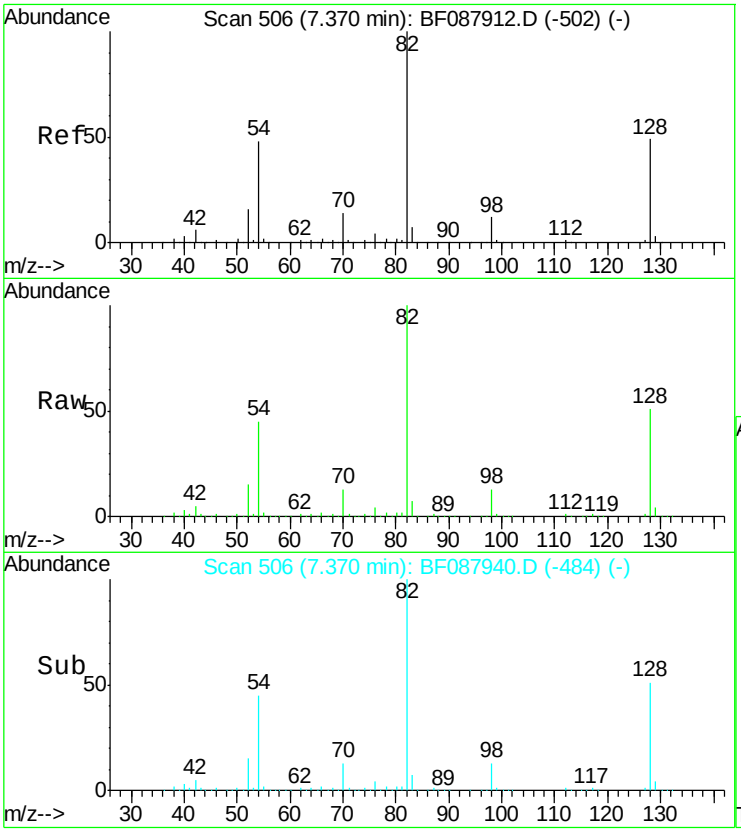


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:136 Resp: 426800

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	6.6	10.0#
68	5.0	5.1	7.7#



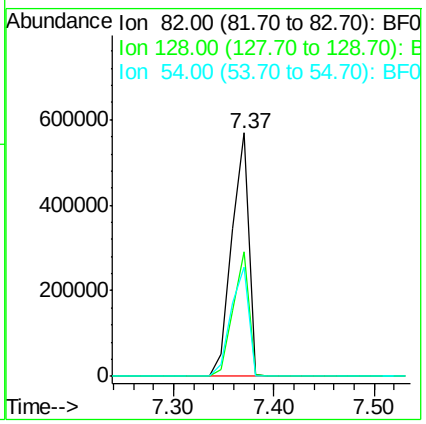


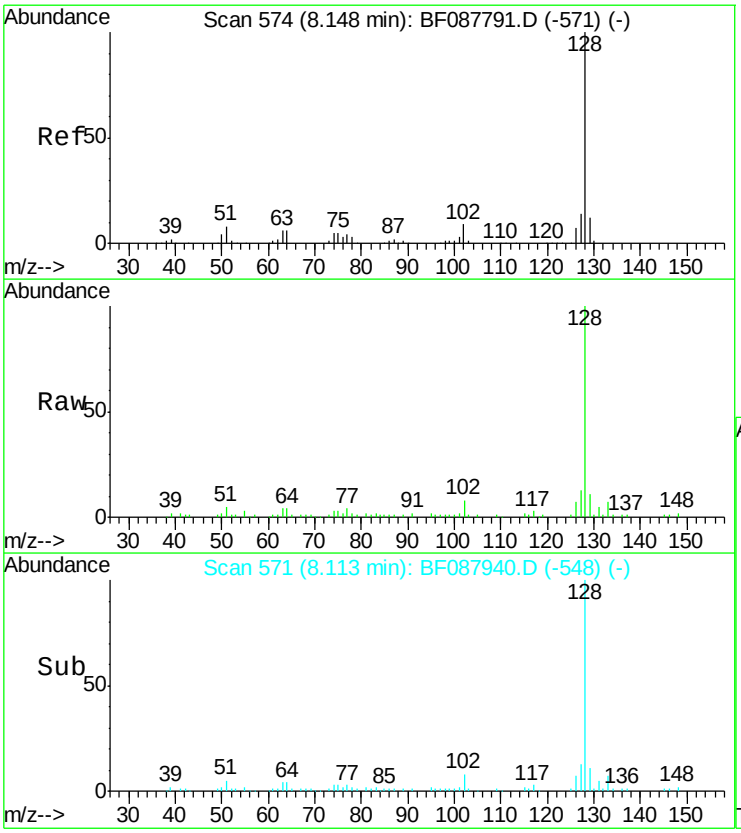
#23
Nitrobenzene-d5
Concen: 91.56 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion: 82 Resp: 669193

Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.9	53.9
54	45.0	40.9	61.3

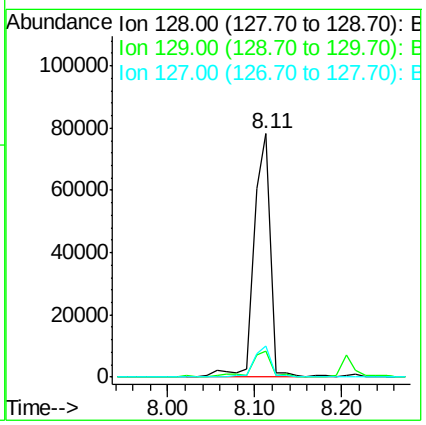


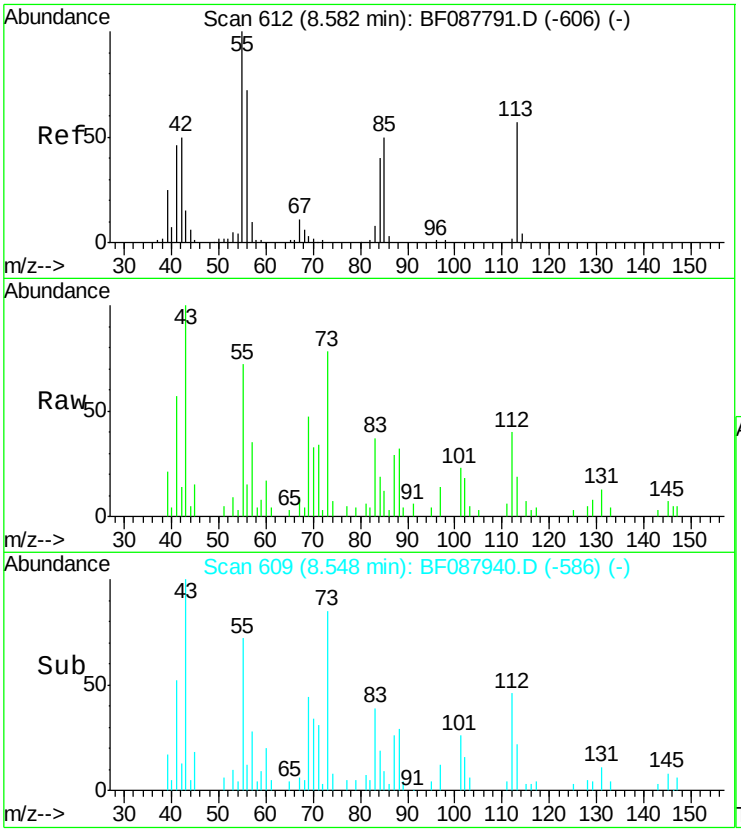


#31
Naphthalene
Concen: 4.92 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:128 Resp: 103922

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.6	10.9	16.3



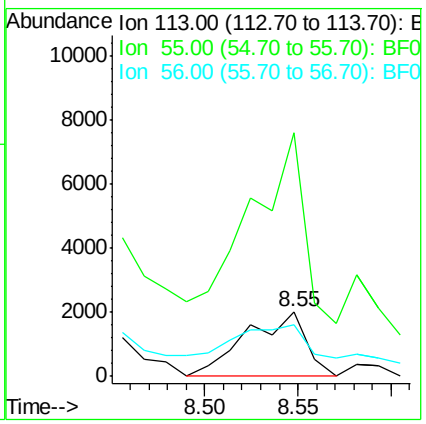


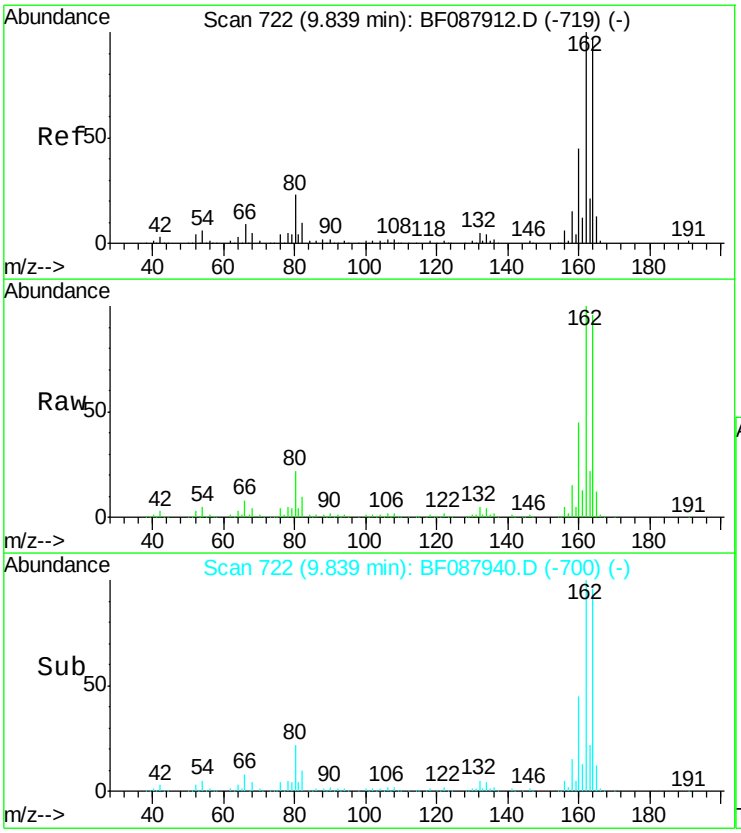
#35
Caprolactam
Concen: 2.35 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:113 Resp: 4539

Ion	Ratio	Lower	Upper
113	100		
55	376.5	158.6	198.6#
56	79.0	110.6	150.6#

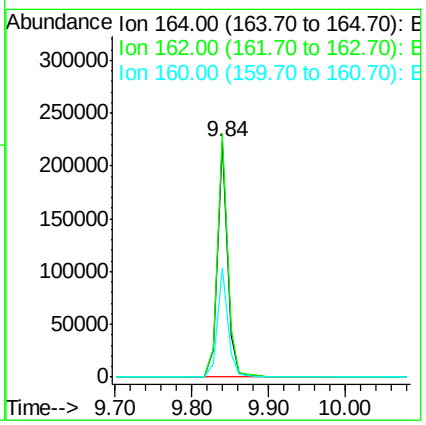


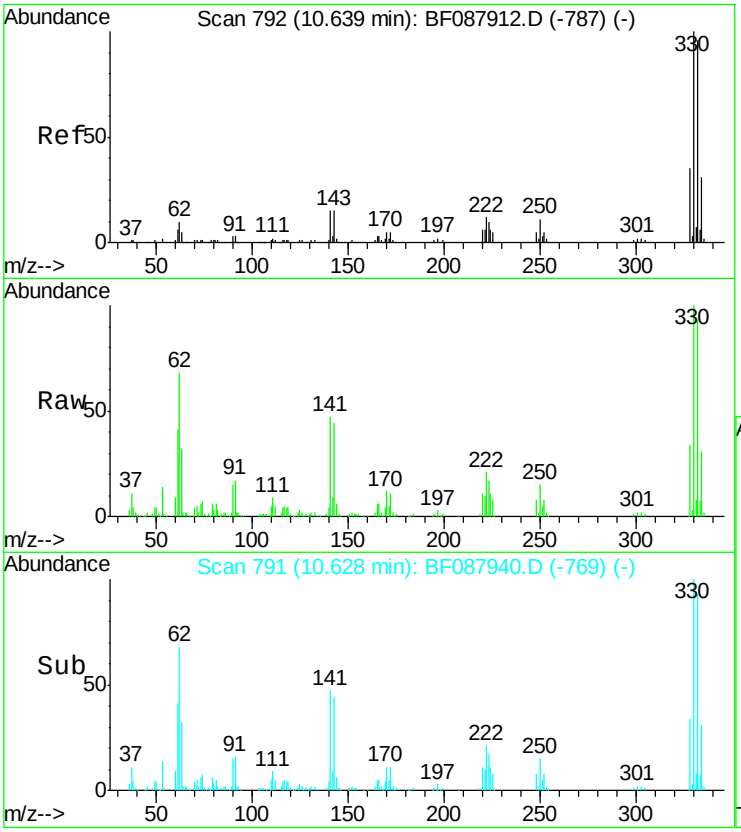


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:164 Resp: 206485

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.6	39.5	59.3



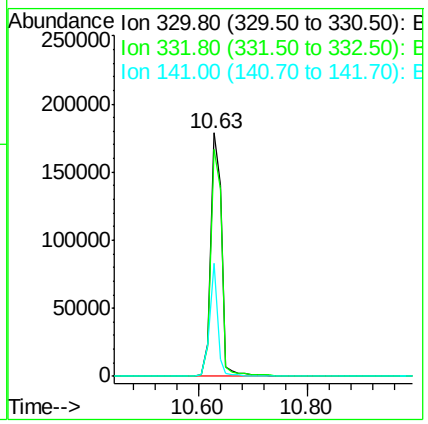


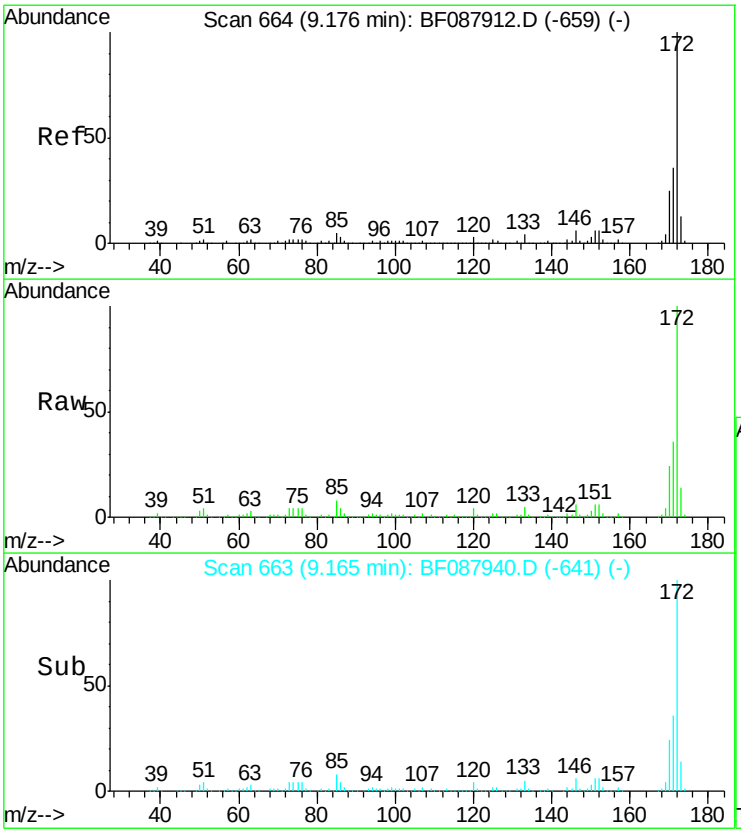
#41
2,4,6-Tribromophenol
Concen: 115.62 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:330 Resp: 252085

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	35.8	0.0	0.0#

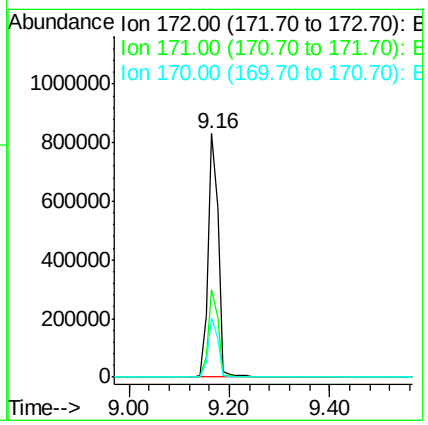


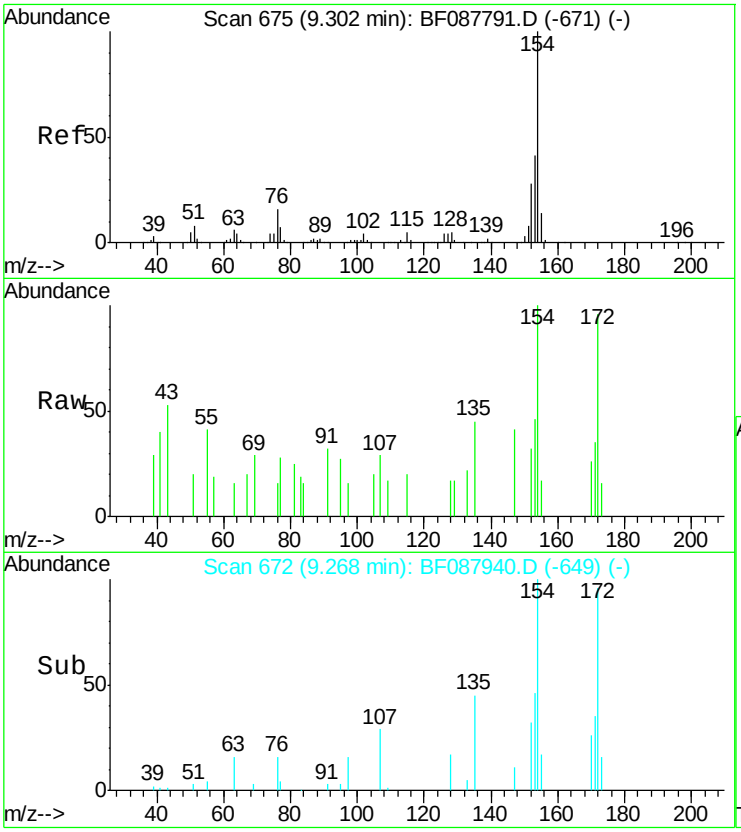


#44
2-Fluorobiphenyl
Concen: 88.32 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:172 Resp: 1158041

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	19.2	28.8



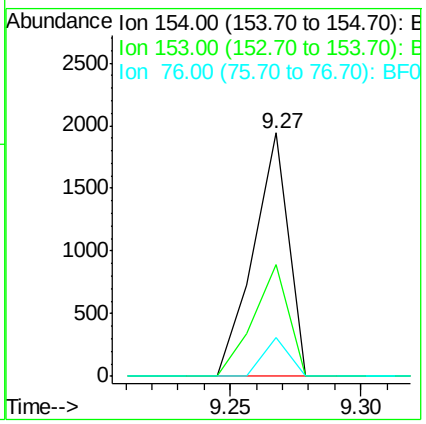


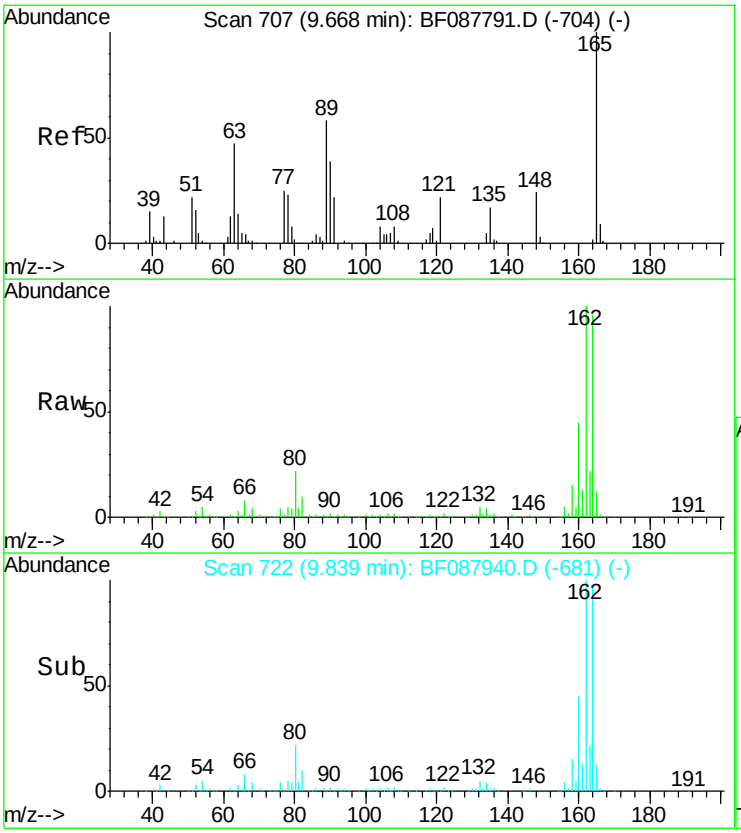
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:154 Resp: 1830

Ion	Ratio	Lower	Upper
154	100		
153	45.7	20.6	60.6
76	16.1	0.0	35.1

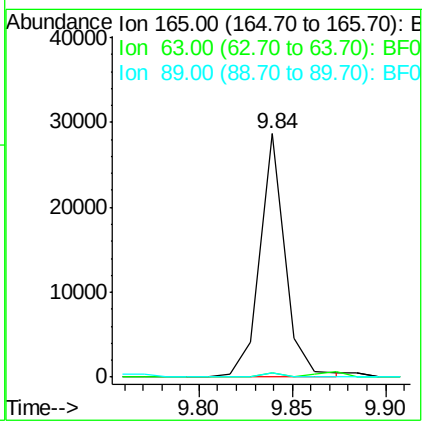


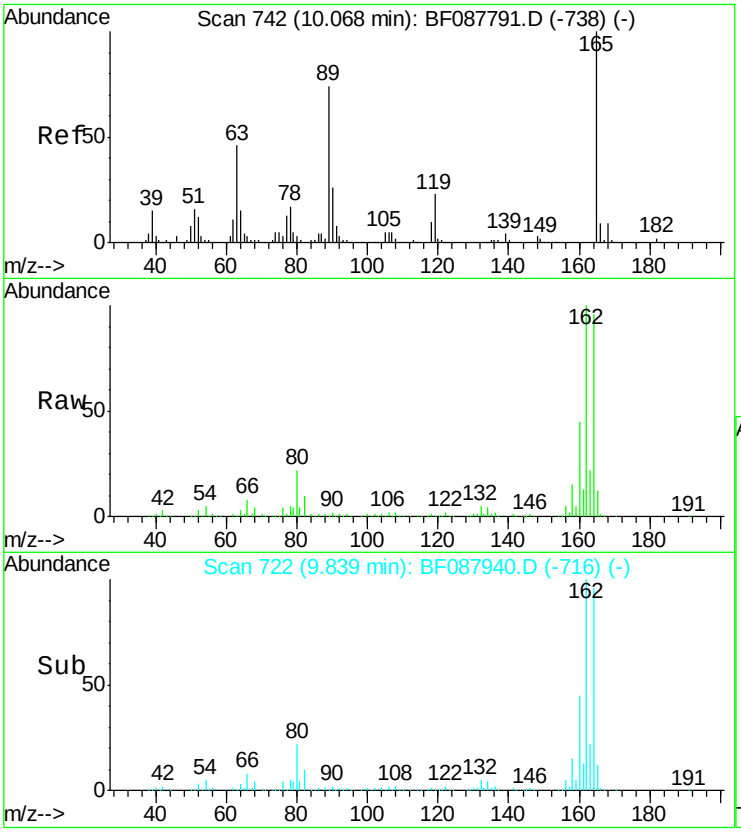


#50
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:165 Resp: 26573

Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.7	32.2	48.2#



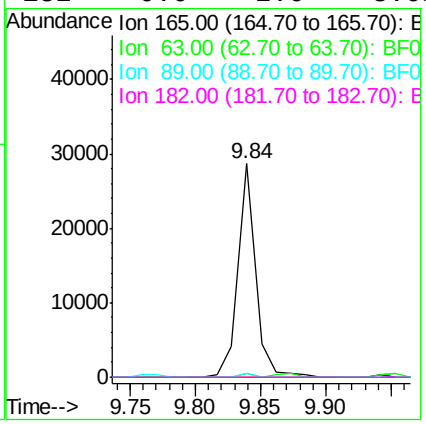


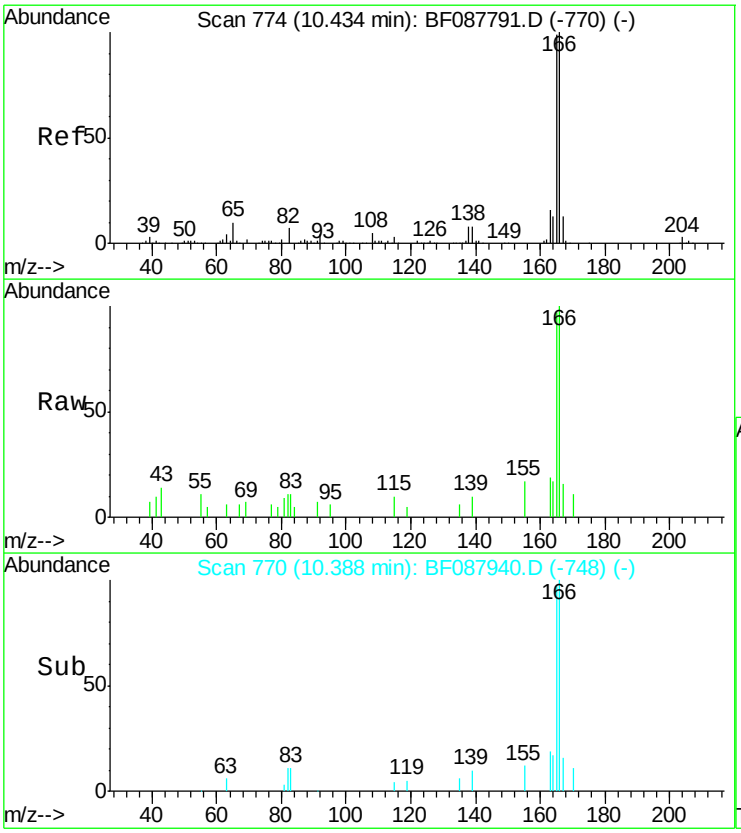
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:165 Resp: 26871

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

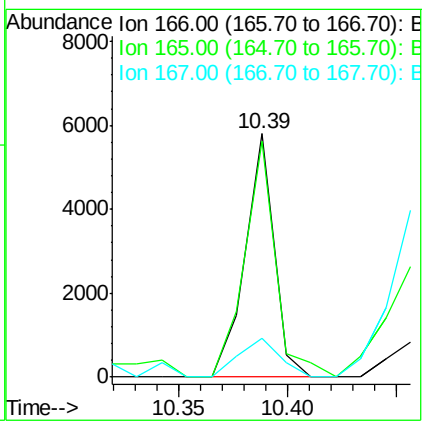


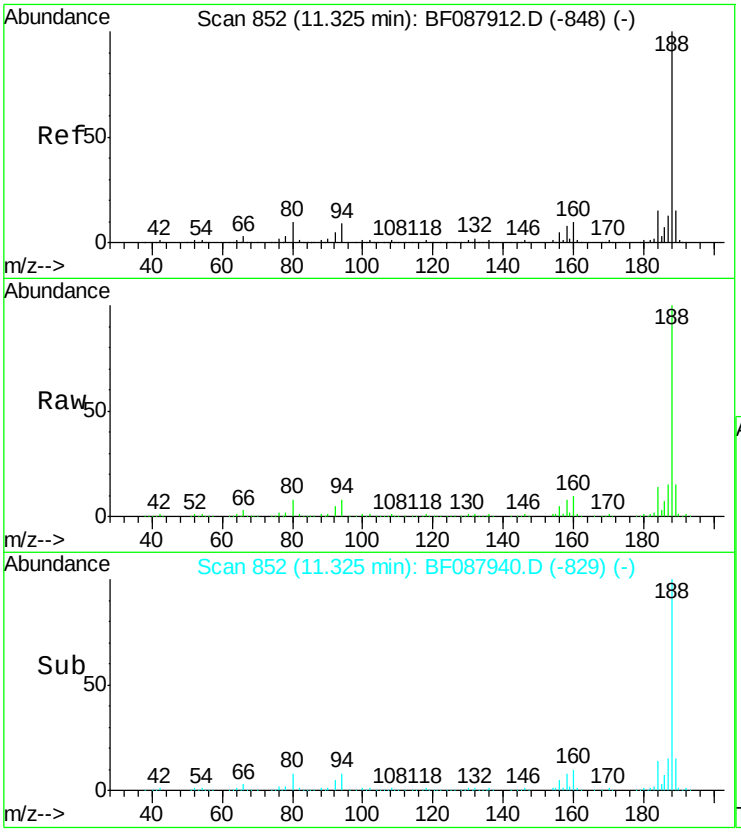


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:166 Resp: 5341

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.8
167	16.1	11.2	16.8



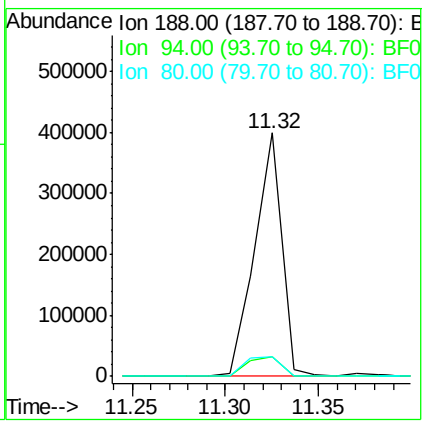


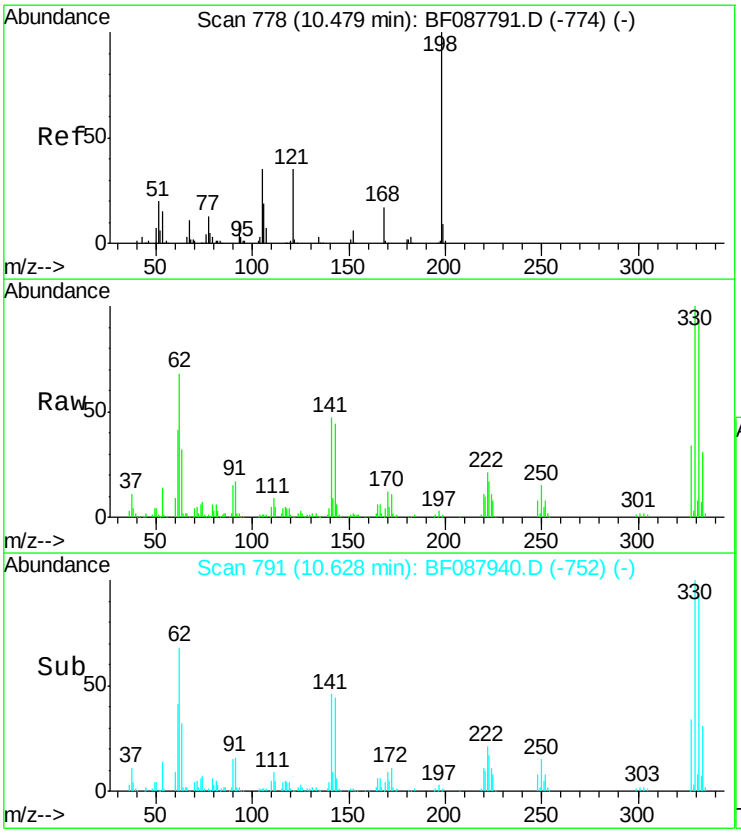
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:188 Resp: 400072

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.6#
80	8.3	10.0	15.0#

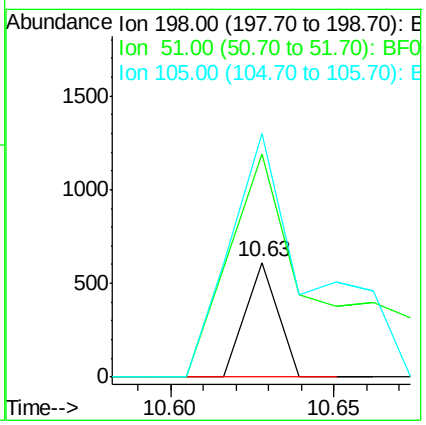


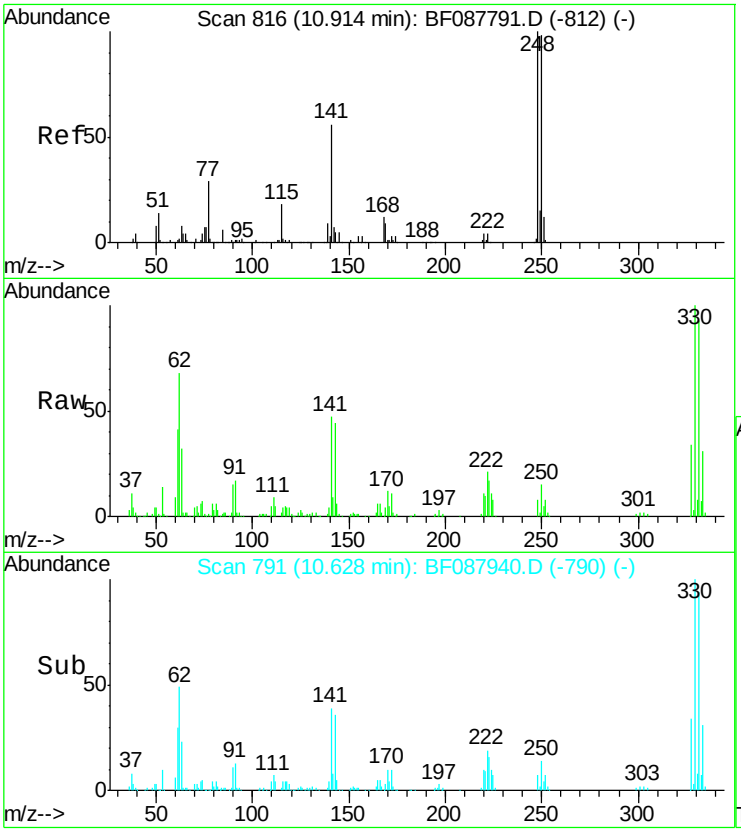


#64
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:198 Resp: 420

Ion	Ratio	Lower	Upper
198	100		
51	194.0	39.6	79.6#
105	211.9	36.6	76.6#



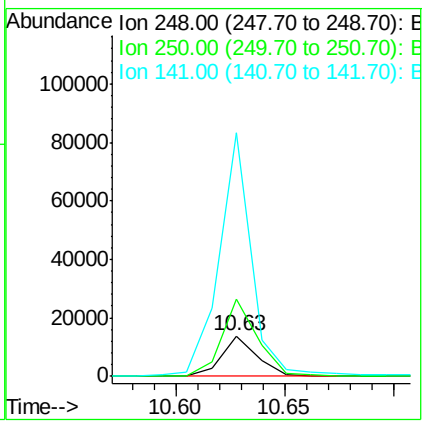


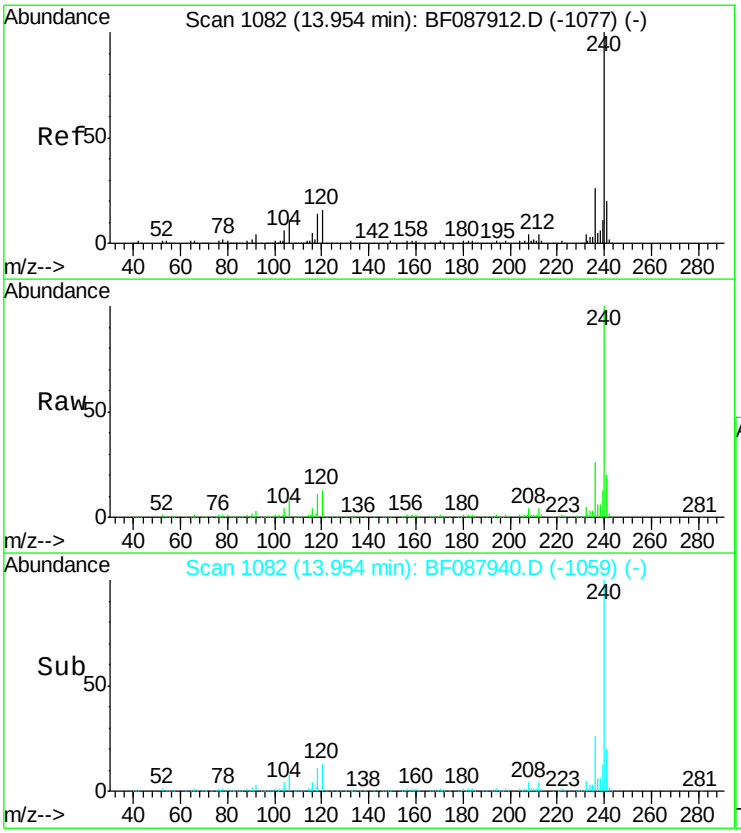
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:248 Resp: 15209

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.1	115.7#
141	605.9	50.6	76.0#

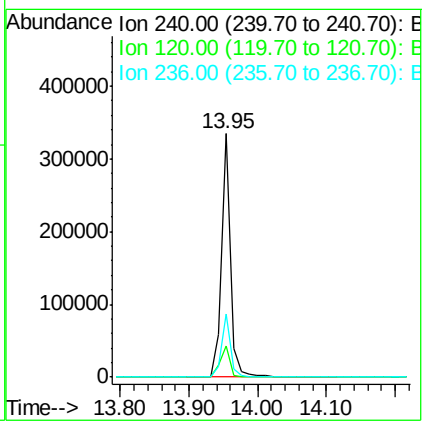


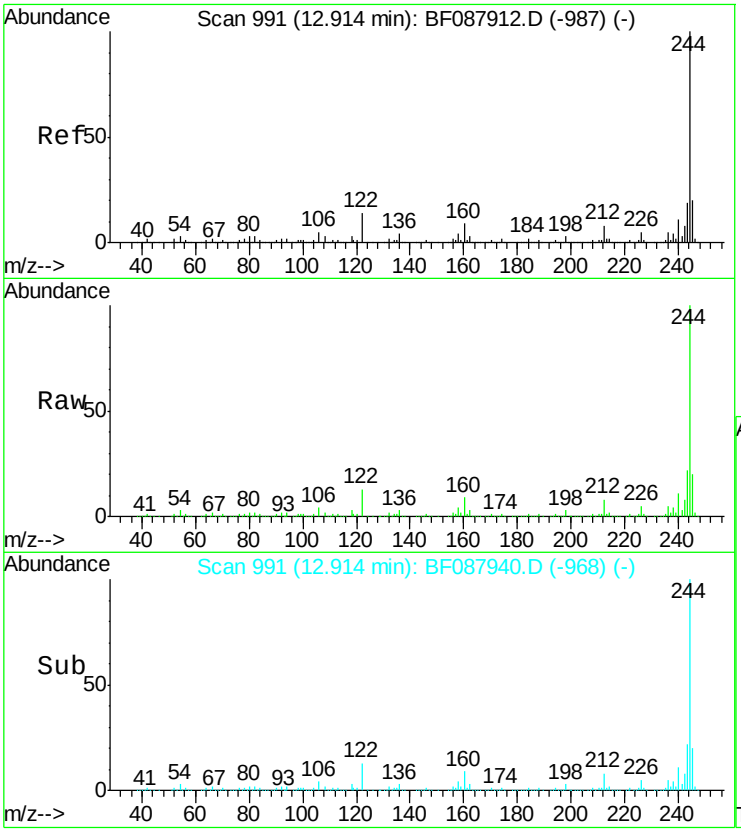


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:240 Resp: 313289

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.8	10.2#
236	25.7	20.2	30.2



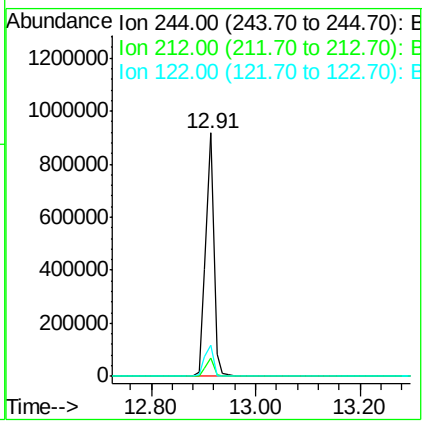


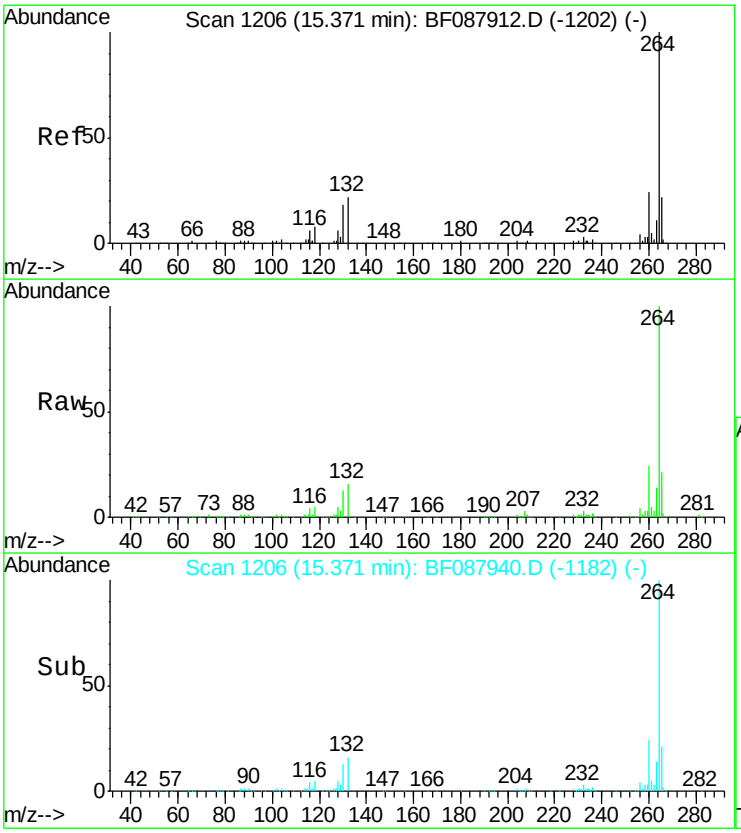
#78
Terphenyl-d14
Concen: 72.24 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

Tgt Ion:244 Resp: 994542

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.0	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087940.D
Acq: 12 Jun 2016 10:44

Tgt Ion:264 Resp: 229455

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3