Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087946.D
Acq On : 12 Jun 2016 13:40
Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Time: Jun 13 01:17:18 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	148290	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	631129	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	293564	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	591775	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	434744	20.00	ng	-0.03
86) Perylene-d12	15.37	264	354122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	443559	51.14	ng	-0.03
7) Phenol-d6	6.43	99	360056	34.25	ng	-0.05
23) Nitrobenzene-d5	7.37	82	747558	69.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	264100	85.20	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1338533	70.70	ng	-0.05
78) Terphenyl-d14	12.91	244	1052187	55.07	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	16740	2.38	ng	# 76
10) Phenol	6.44	94	370	Below Cal		# 54
19) n-Nitroso-di-n-propylamine	7.37	70	99223	14.75	ng	# 71
45) 1,1'-Biphenyl	9.16	154	2387	Below Cal		# 1
49) Dimethylphthalate	9.56	163	69615	3.27	ng	98
50) 2,6-Dinitrotoluene	9.84	165	37258	7.65	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	37491	5.99	ng	# 37
57) Fluorene	10.39	166	372	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.63	198	322	2.25	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15704	2.47	ng	# 1

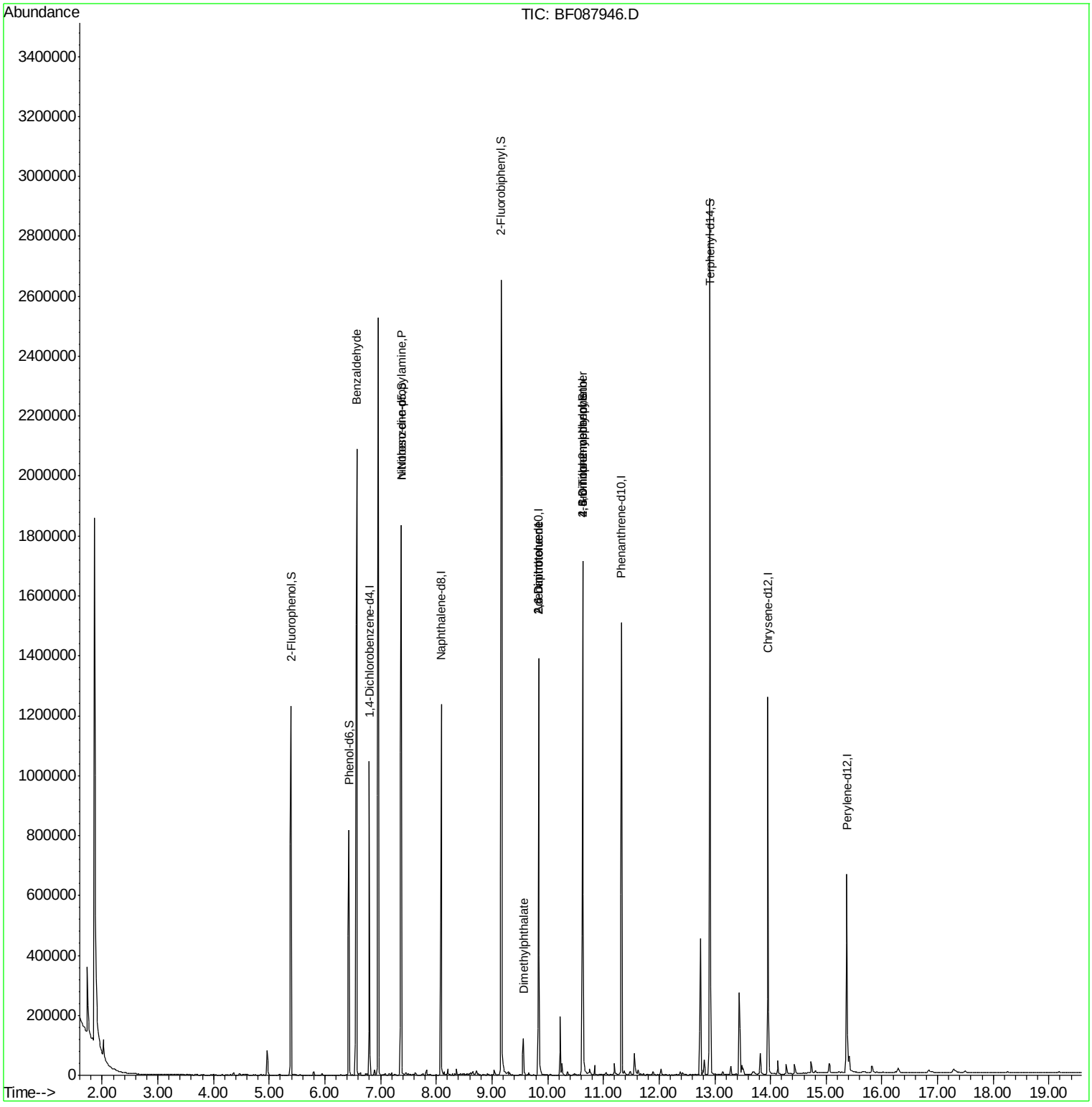
(#) = qualifier out of range (m) = manual integration (+) = signals summed

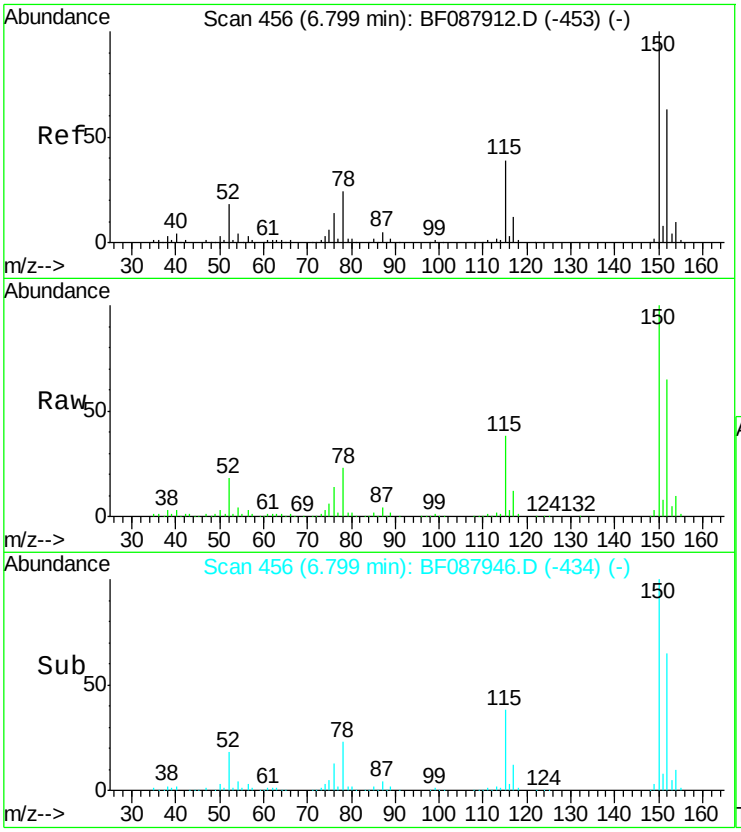
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087946.D
Acq On : 12 Jun 2016 13:40
Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Quant Time: Jun 13 01:17:18 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



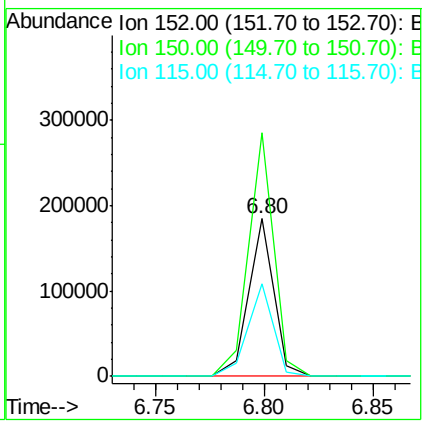


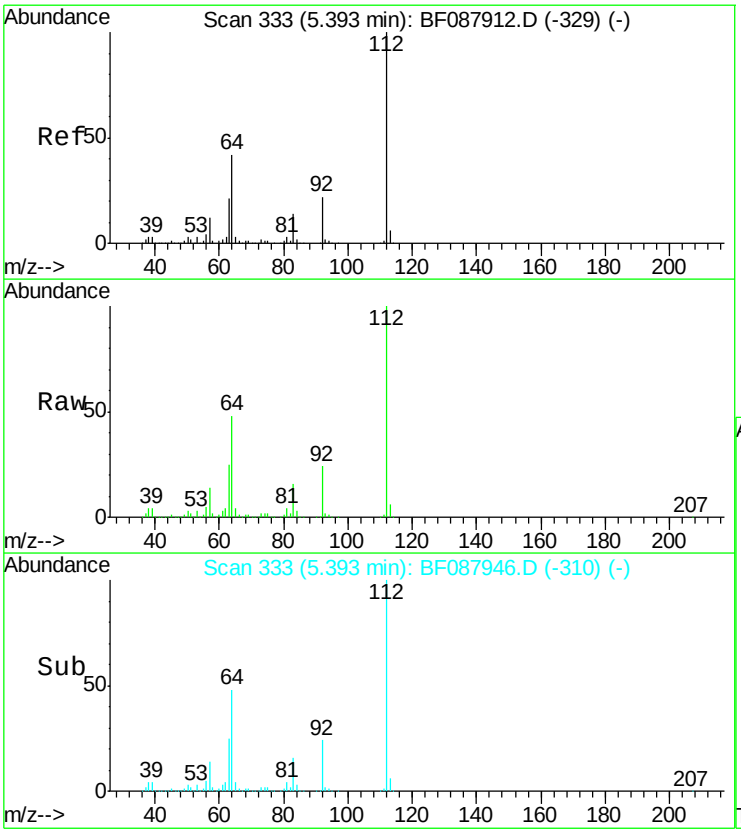
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:152 Resp: 148290

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	59.1	39.6	59.4

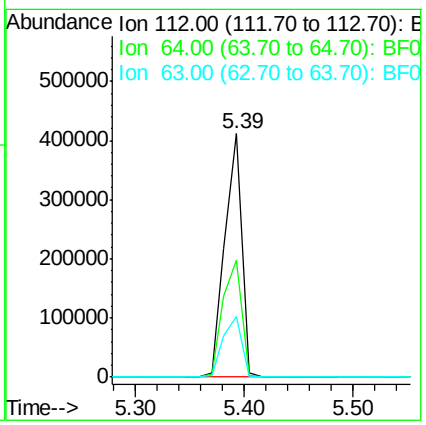


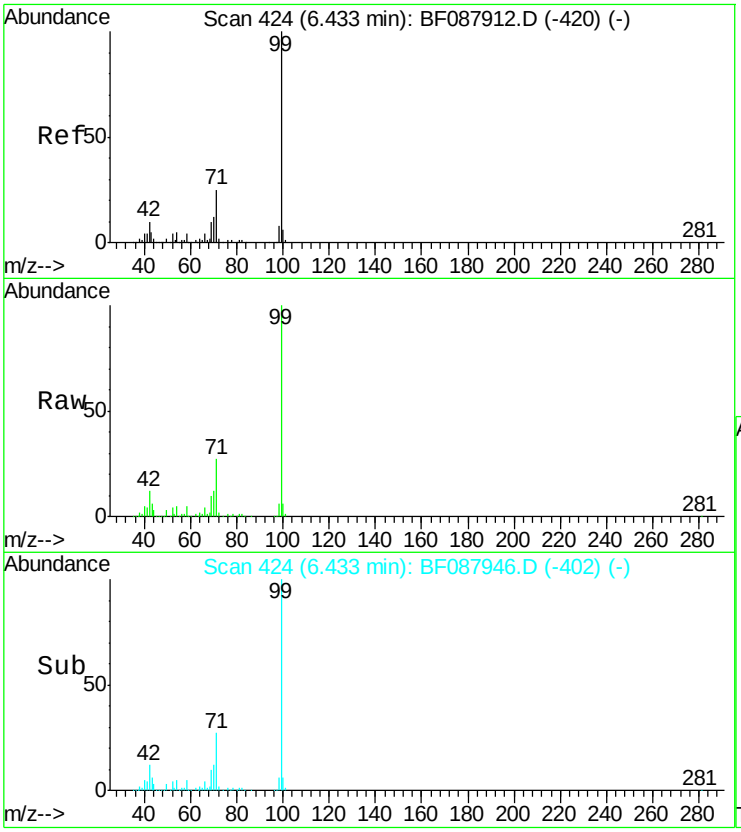


#5
2-Fluorophenol
Concen: 51.14 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:112 Resp: 443559

Ion	Ratio	Lower	Upper
112	100		
64	47.8	42.2	63.2
63	24.7	21.8	32.8



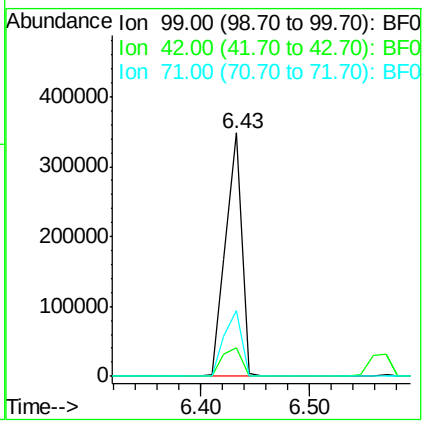


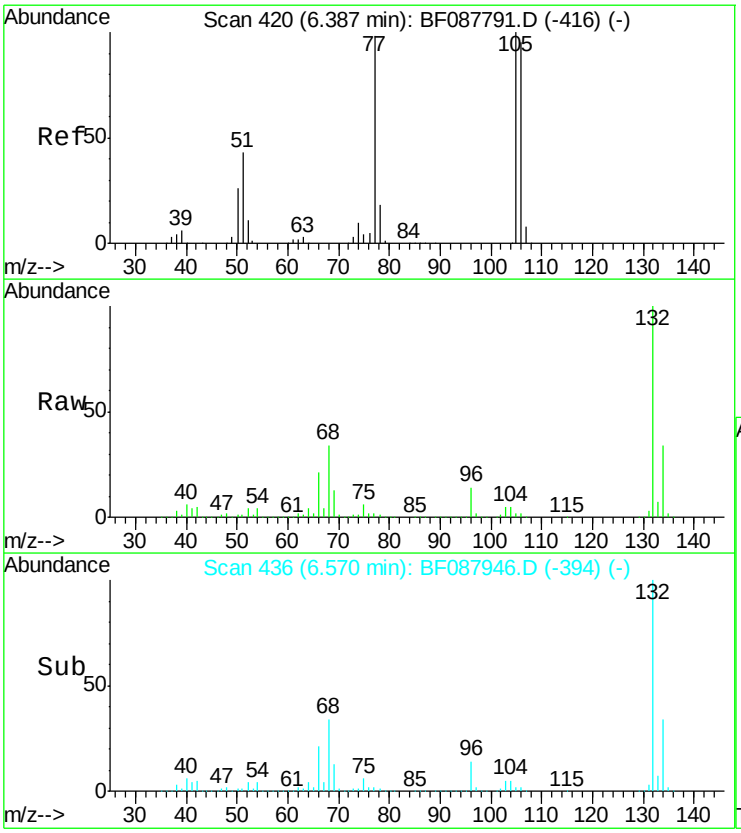
#7
Phenol-d6
Concen: 34.25 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 99 Resp: 360056

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	27.1	23.4	35.0

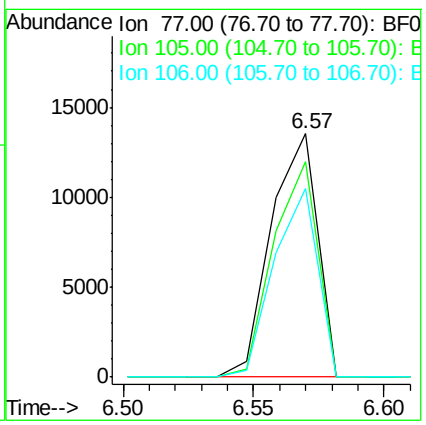


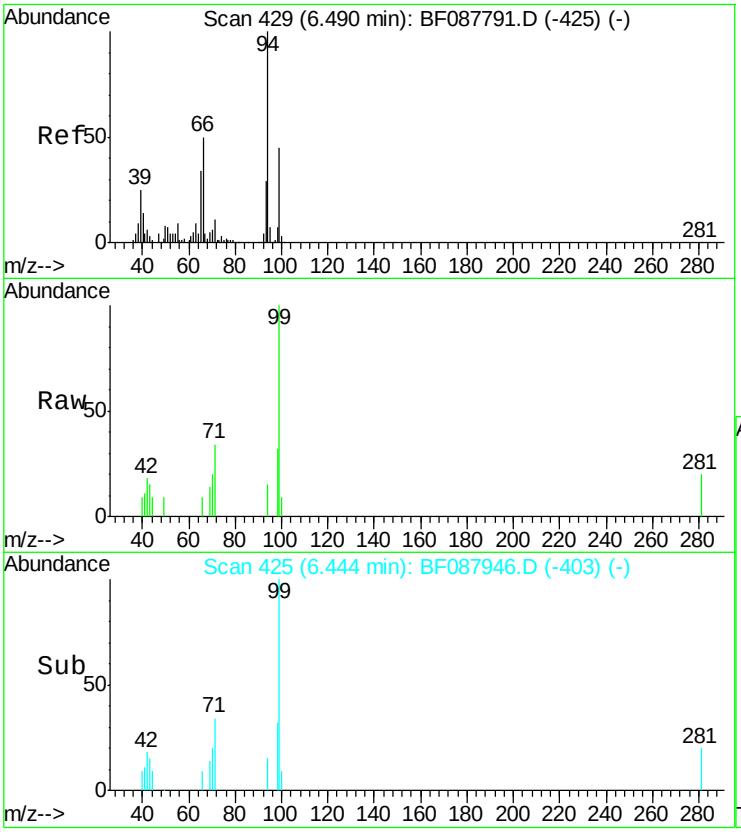


#9
Benzaldehyde
Concen: 2.38 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.18 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion: 77 Resp: 16740

Ion	Ratio	Lower	Upper
77	100		
105	88.7	90.6	130.6#
106	77.4	85.3	125.3#



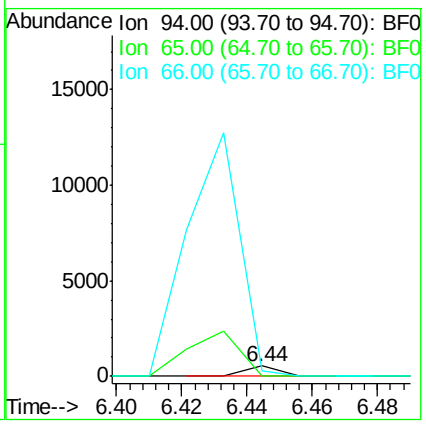


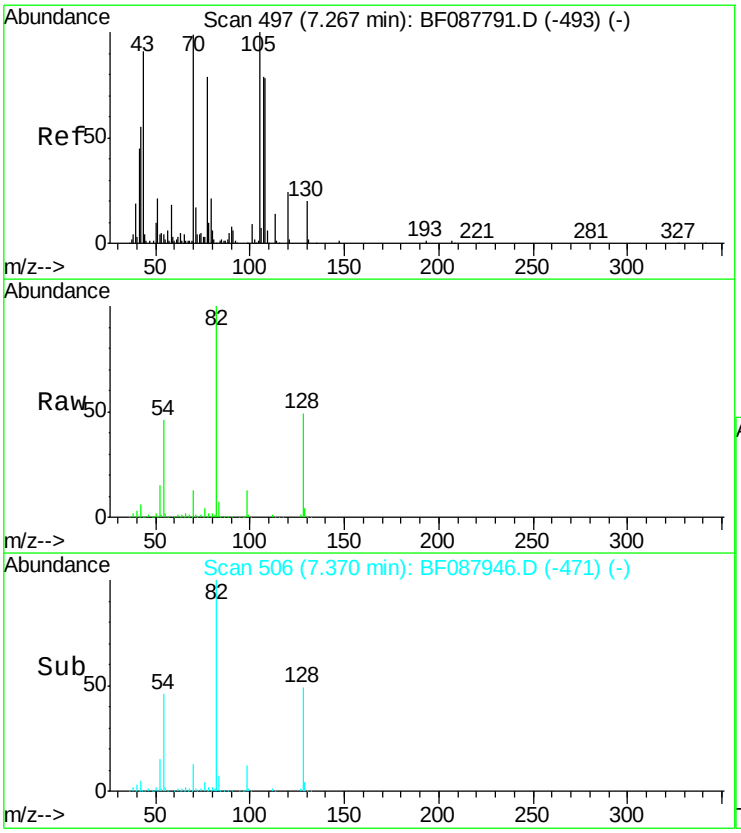
#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 94 Resp: 370

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	58.0	14.0	54.0#

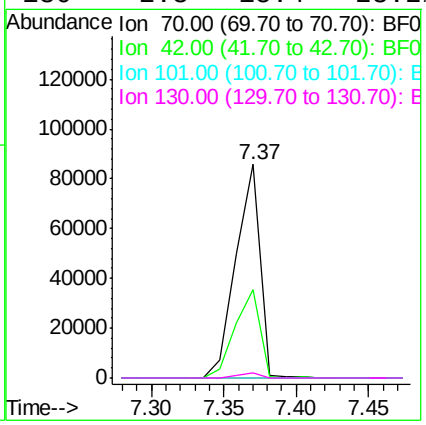


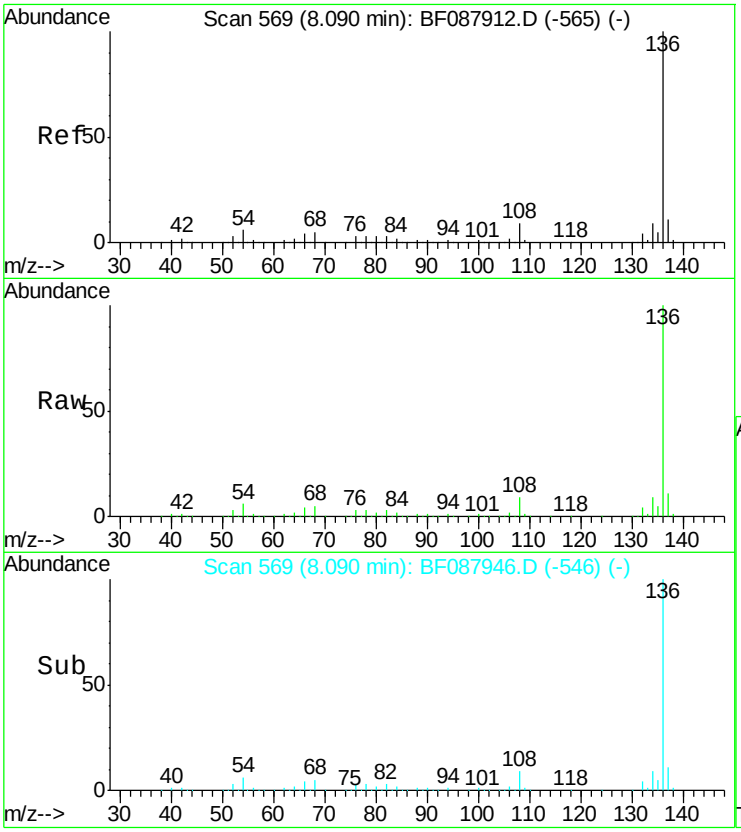


#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion: 70 Resp: 99223

Ion	Ratio	Lower	Upper
70	100		
42	41.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



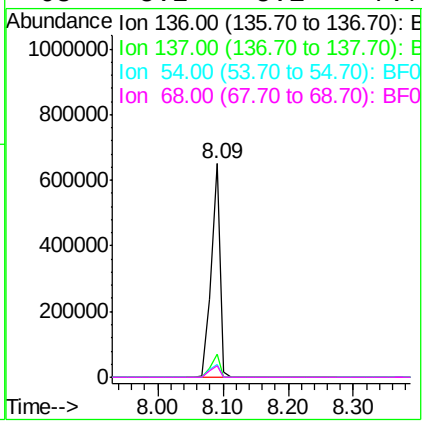


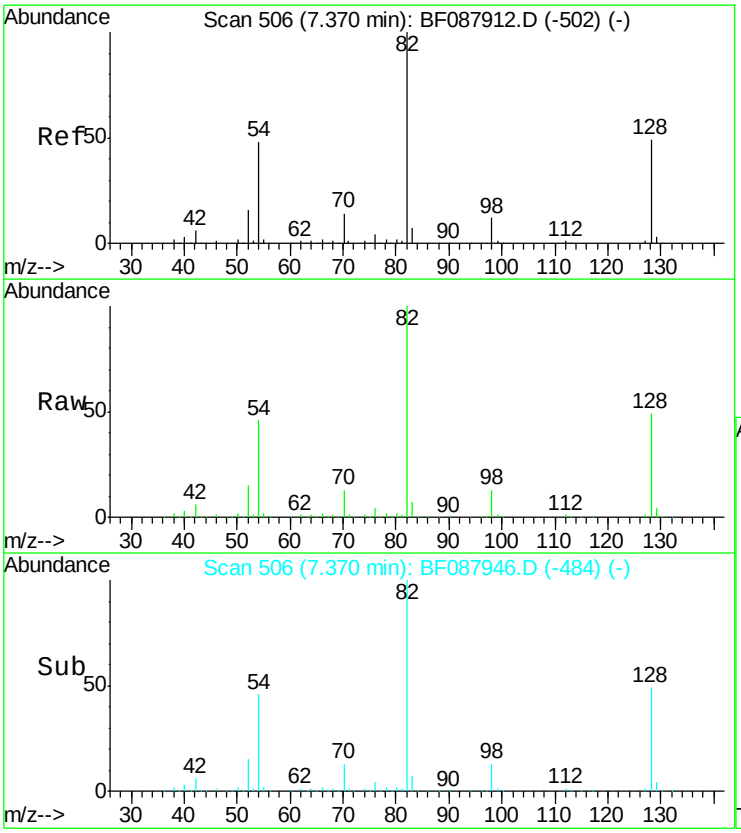
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:136 Resp: 631129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	6.6	10.0#
68	5.2	5.1	7.7

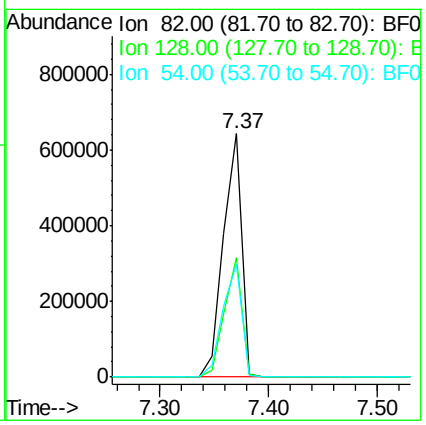


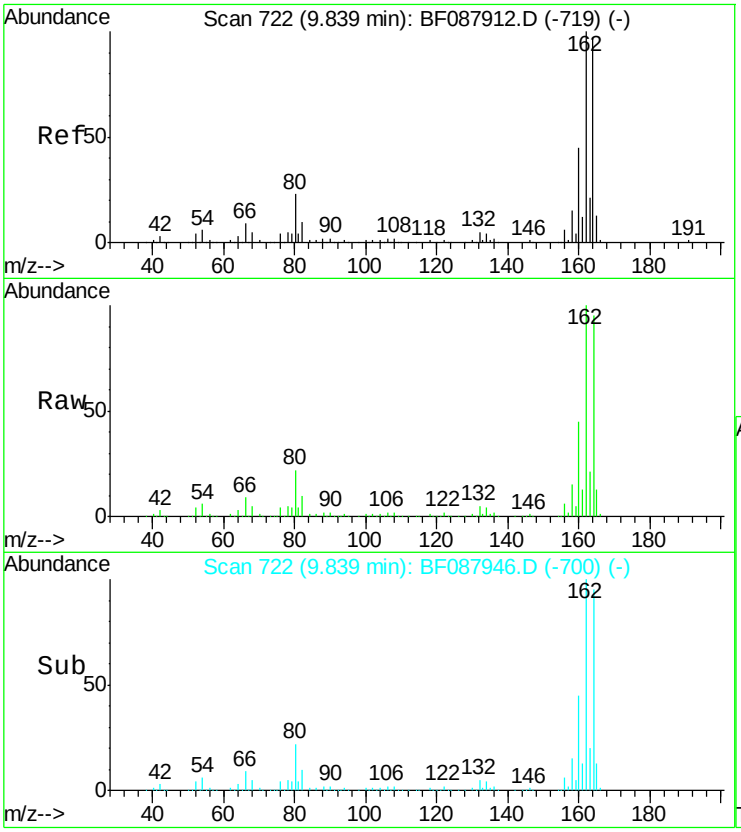


#23
Nitrobenzene-d5
Concen: 69.17 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion: 82 Resp: 747558

Ion	Ratio	Lower	Upper
82	100		
128	49.2	35.9	53.9
54	46.2	40.9	61.3



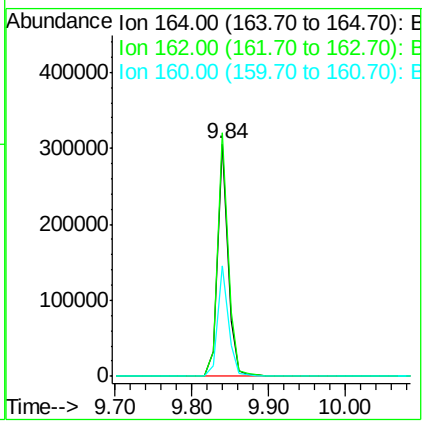


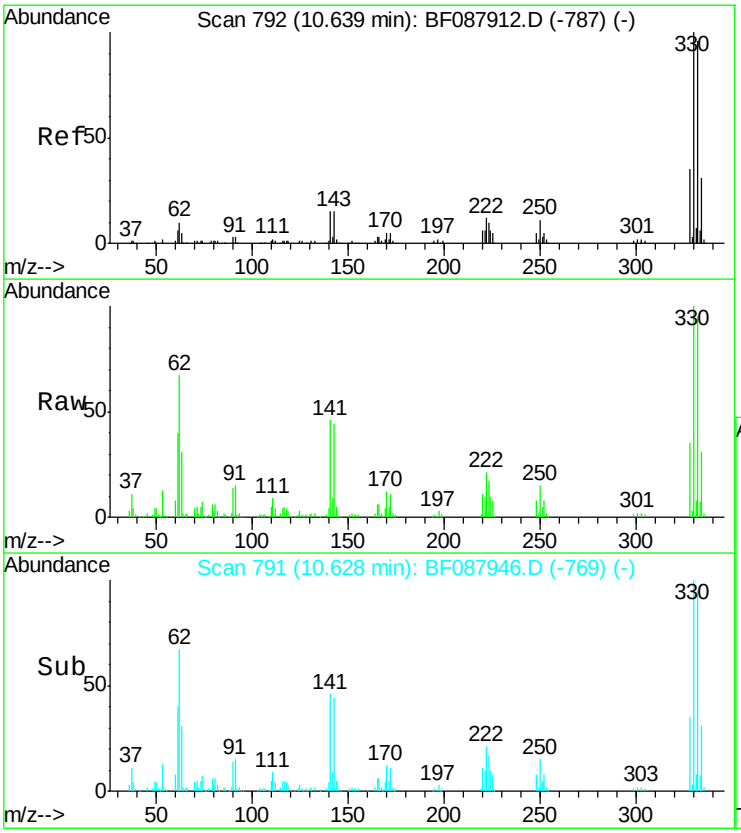
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:164 Resp: 293564

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.6	39.5	59.3

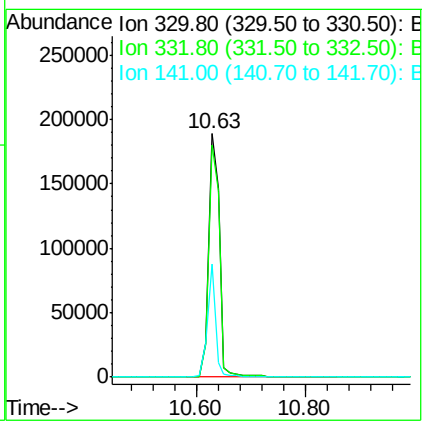


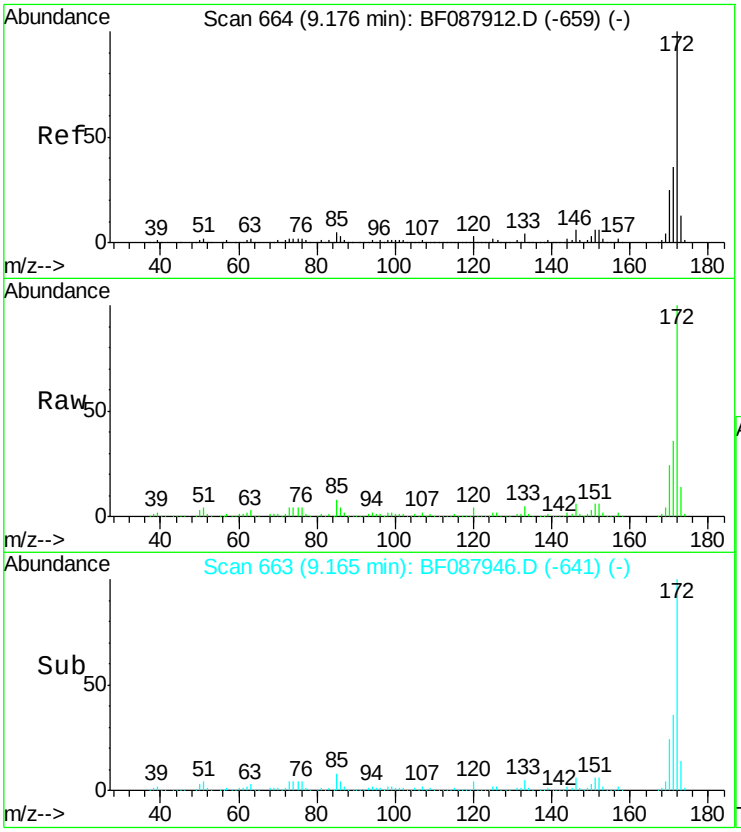


#41
2,4,6-Tribromophenol
Concen: 85.20 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:330 Resp: 264100

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	34.7	0.0	0.0#



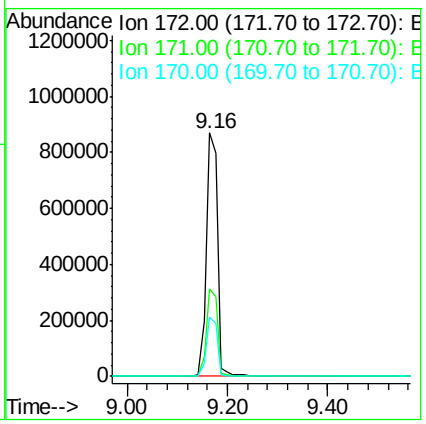


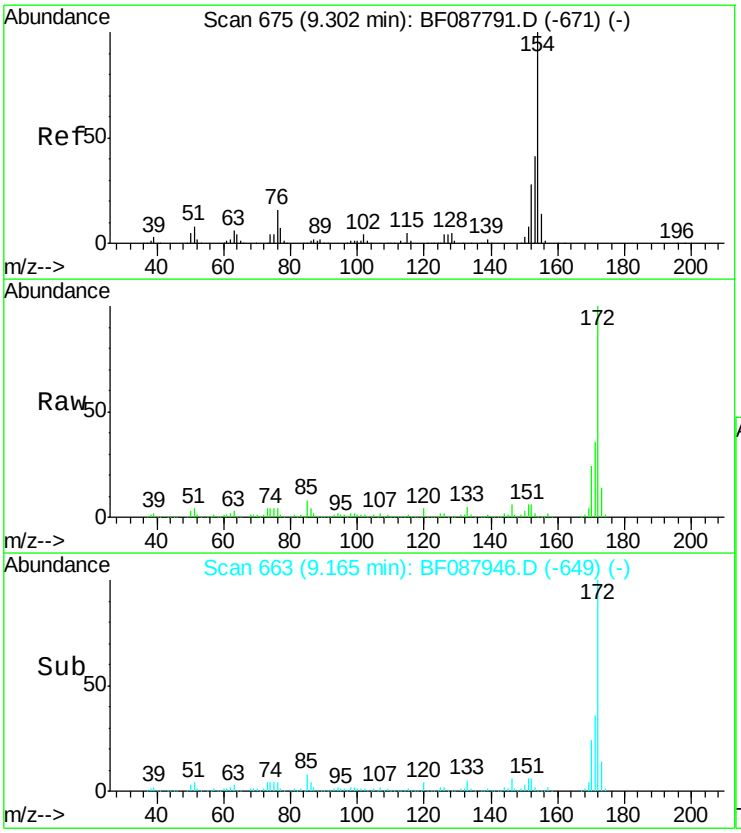
#44
2-Fluorobiphenyl
Concen: 70.70 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:172 Resp: 1338533

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8

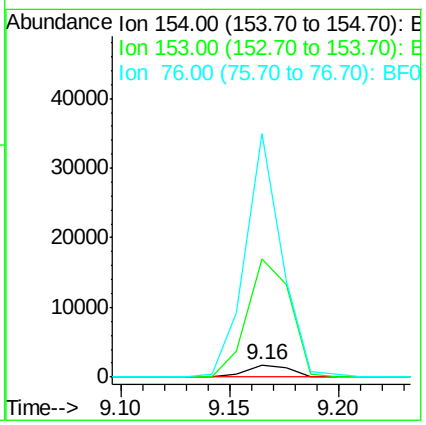


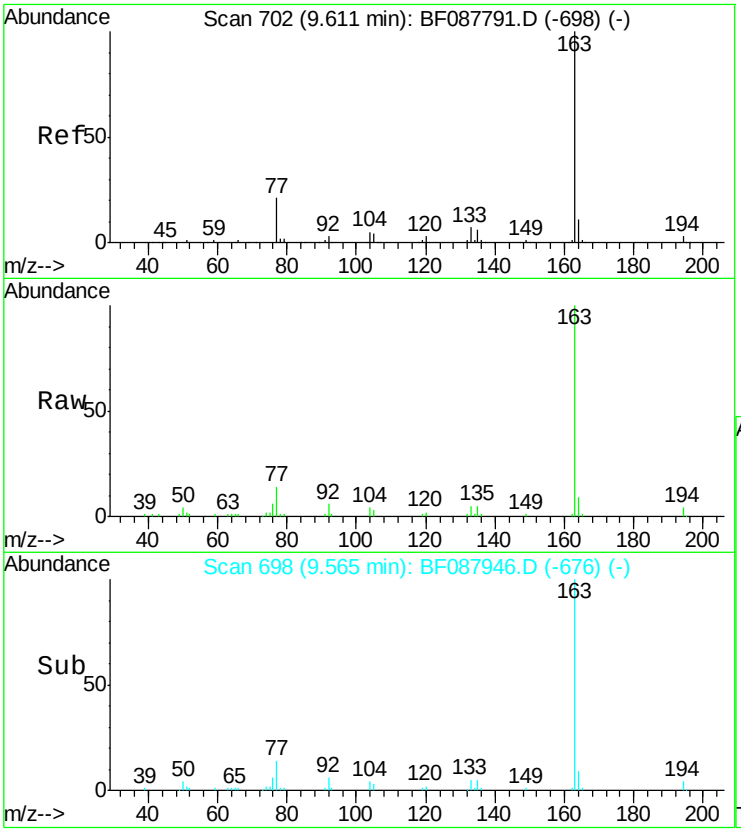


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:154 Resp: 2387

Ion	Ratio	Lower	Upper
154	100		
153	970.1	20.6	60.6#
76	1992.7	0.0	35.1#



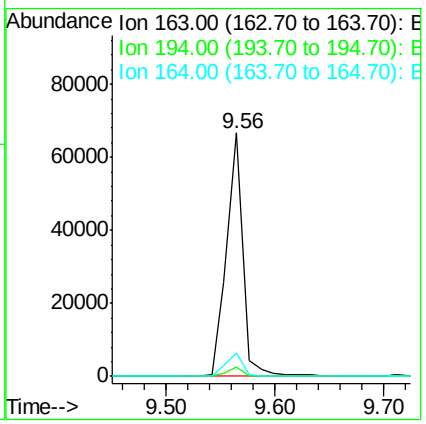


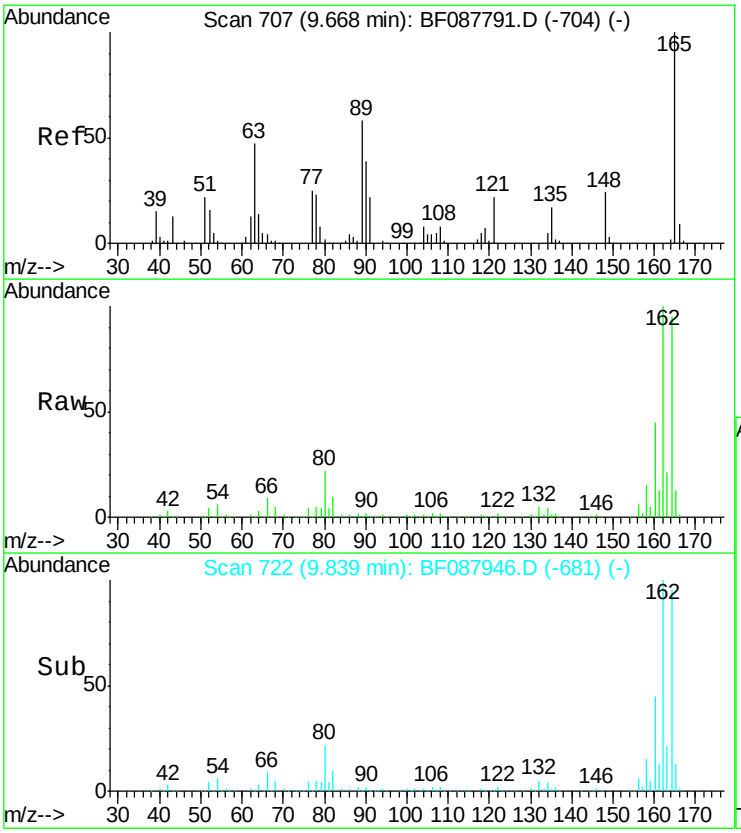
#49
Dimethylphthalate
Concen: 3.27 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:163 Resp: 69615

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.4	8.3	12.5

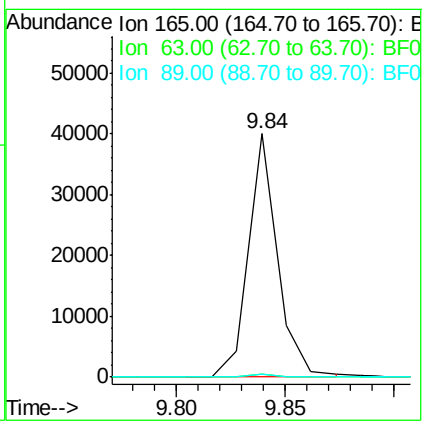


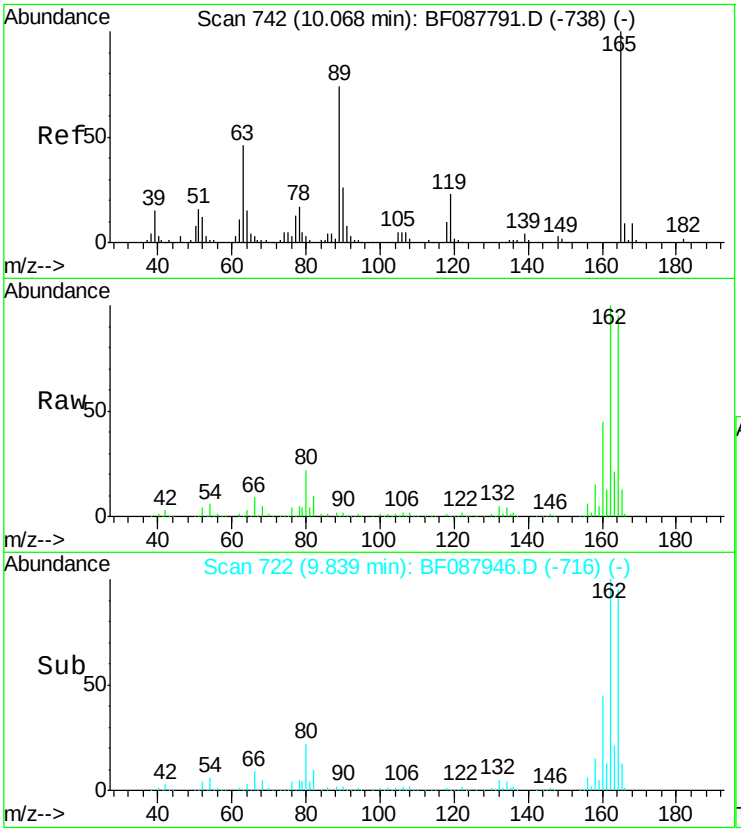


#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:165 Resp: 37258

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.2	32.2	48.2#



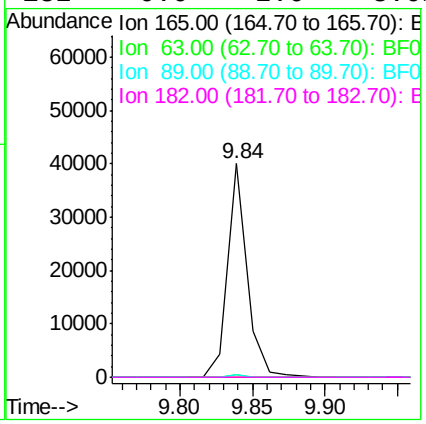


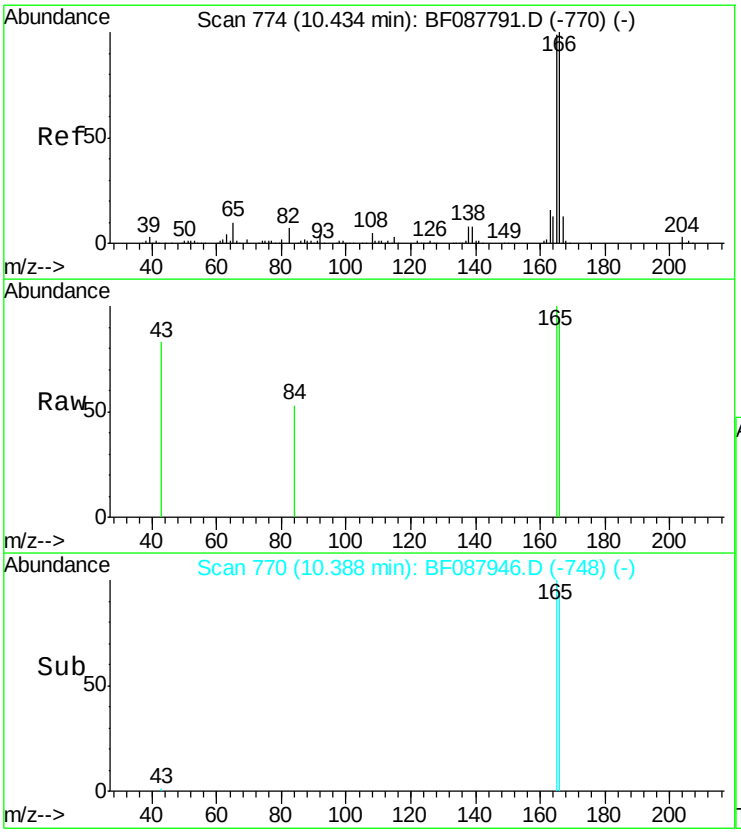
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:165 Resp: 37491

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#

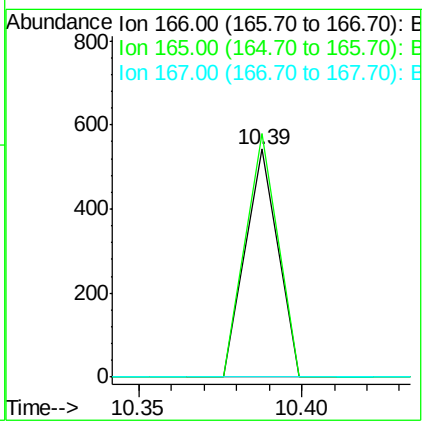


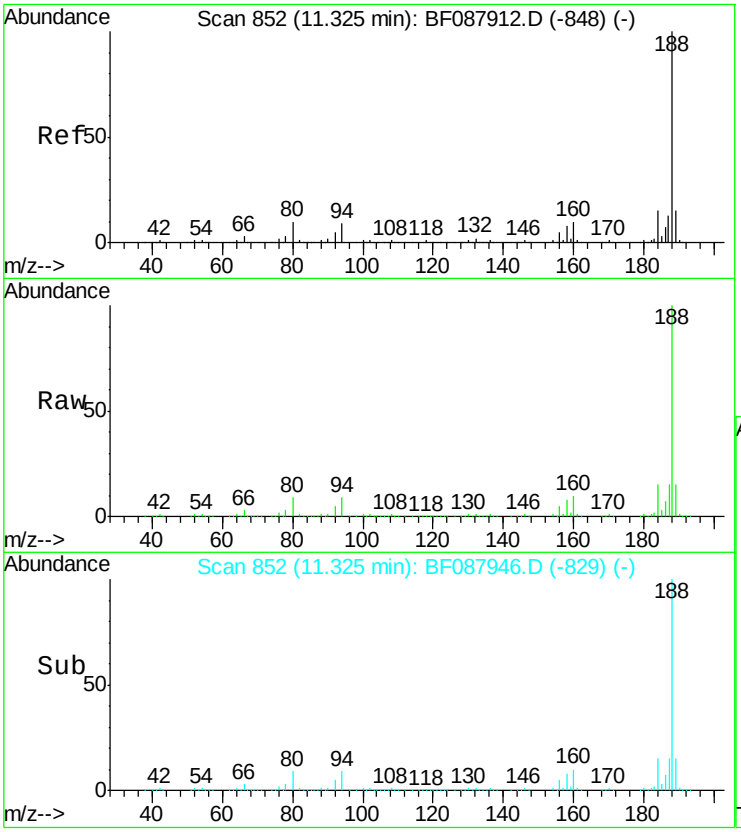


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:166 Resp: 372

Ion	Ratio	Lower	Upper
166	100		
165	106.6	77.8	116.8
167	0.0	11.2	16.8#



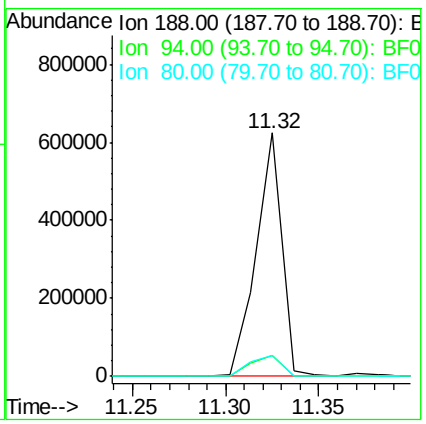


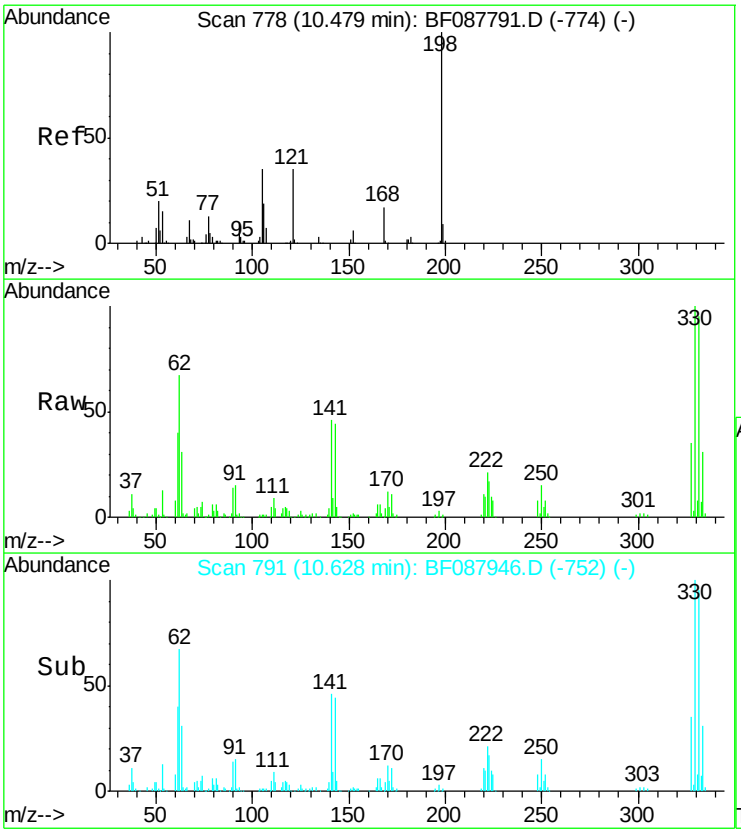
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:188 Resp: 591775

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.6#
80	8.7	10.0	15.0#

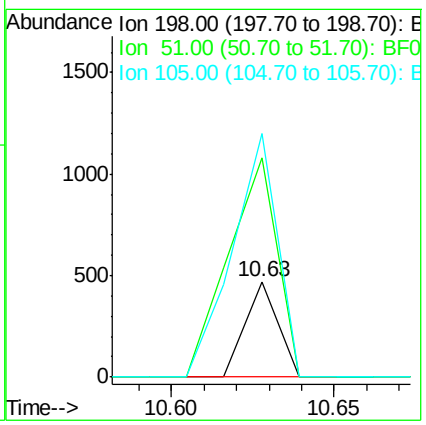


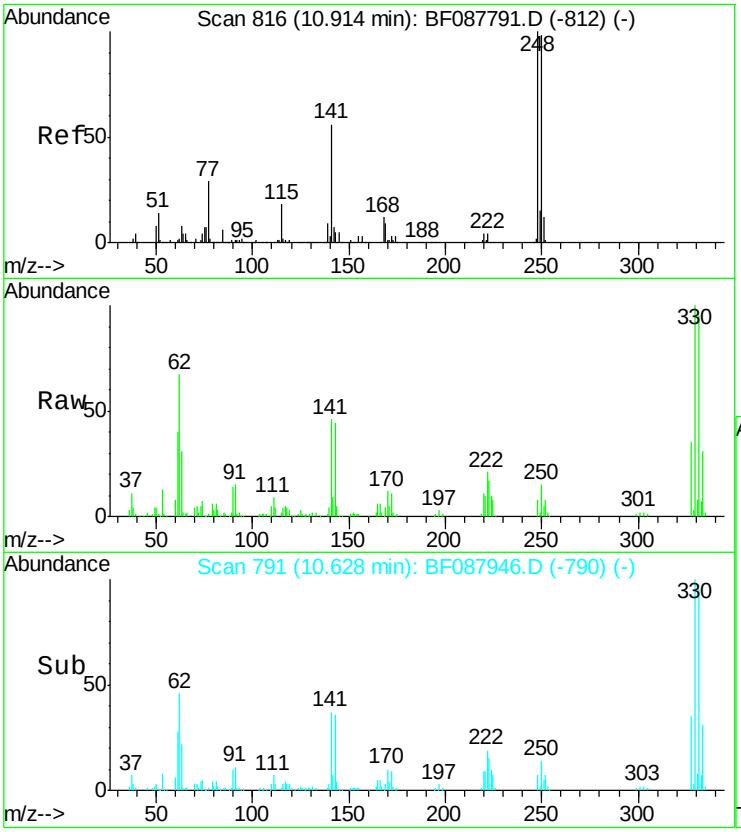


#64
4,6-Dinitro-2-methylphenol
Concen: 2.25 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	229.4	39.6	79.6#
105	255.1	36.6	76.6#



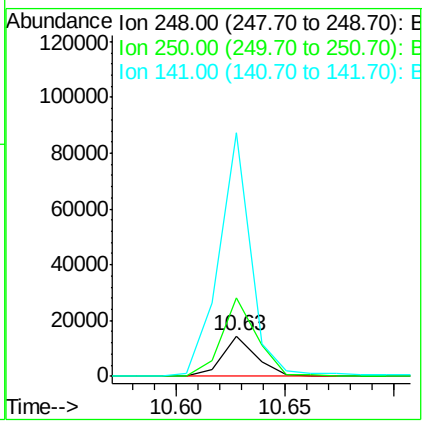


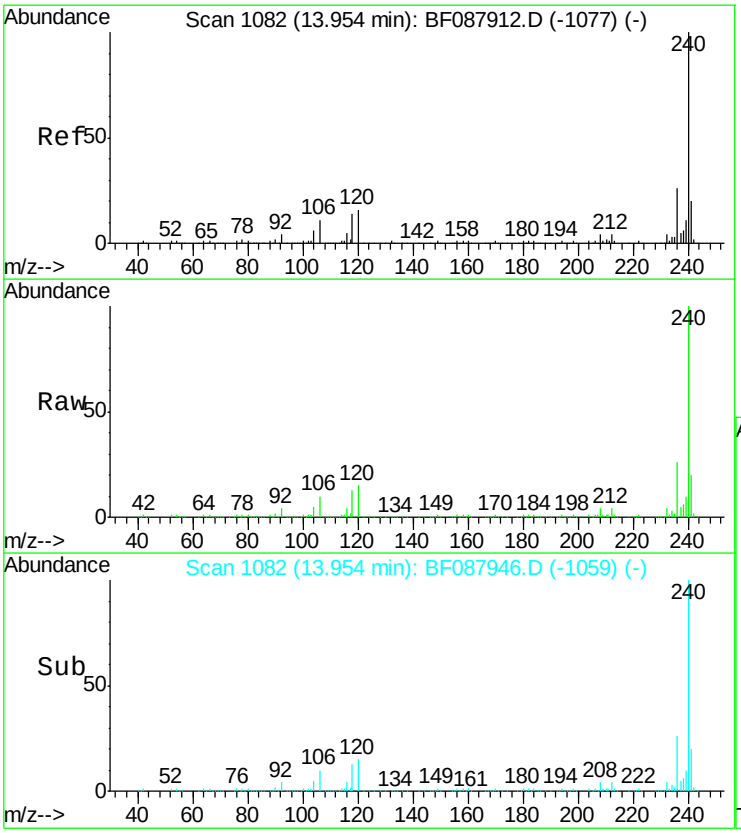
#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:248 Resp: 15704

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.1	115.7#
141	605.5	50.6	76.0#

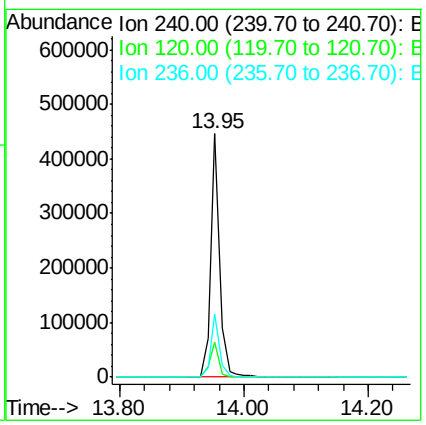


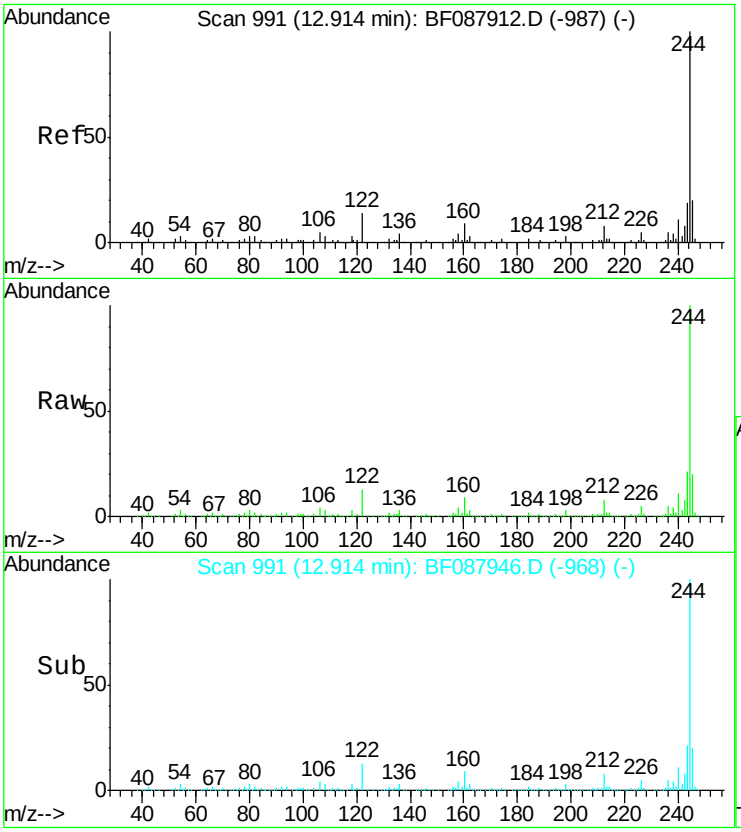


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:240 Resp: 434744

Ion	Ratio	Lower	Upper
240	100		
120	14.5	6.8	10.2#
236	26.1	20.2	30.2



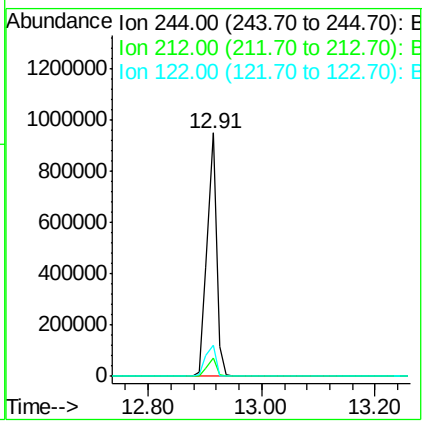


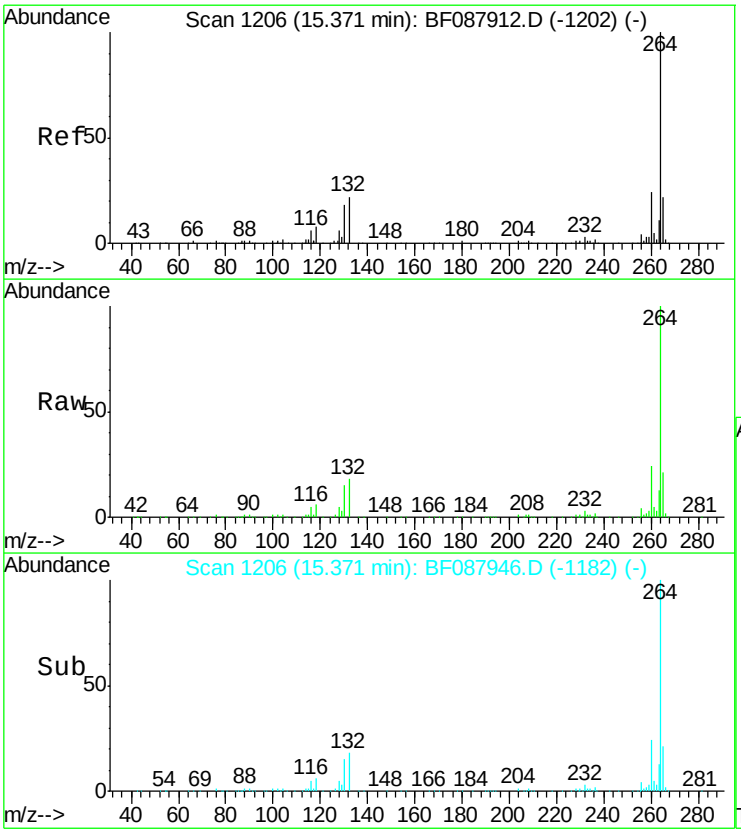
#78
Terphenyl-d14
Concen: 55.07 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087946.D
Acq: 12 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:244 Resp: 1052187

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: BF087946.D
Acq: 12 Jun 2016 13:40

Tgt Ion:264 Resp: 354122

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3