Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087951.D
Acq On : 12 Jun 2016 16:36
Operator : UM/SJ
Sample : H3490-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Time: Jun 13 04:59:13 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 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110547	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453445	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	218602	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	411292	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317288	20.00	ng	-0.01
86) Perylene-d12	15.37	264	244020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	440714	68.15	ng	0.00
7) Phenol-d6	6.43	99	363338	46.36	ng	-0.01
23) Nitrobenzene-d5	7.37	82	695355	89.55	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	243710	105.58	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1119839	80.16	ng	-0.01
78) Terphenyl-d14	12.91	244	1037848	74.43	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	15211	2.76	ng	# 78
10) Phenol	6.44	94	480	Below Cal		# 67
19) n-Nitroso-di-n-propylamine	7.37	70	91153	18.18	ng	# 70
45) 1,1'-Biphenyl	9.16	154	1982	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.84	165	27431	7.56	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	27434	5.89	ng	# 37
57) Fluorene	10.63	166	11410	Below Cal		# 85
64) 4,6-Dinitro-2-methylphenol	10.63	198	381	2.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15142	3.43	ng	# 1

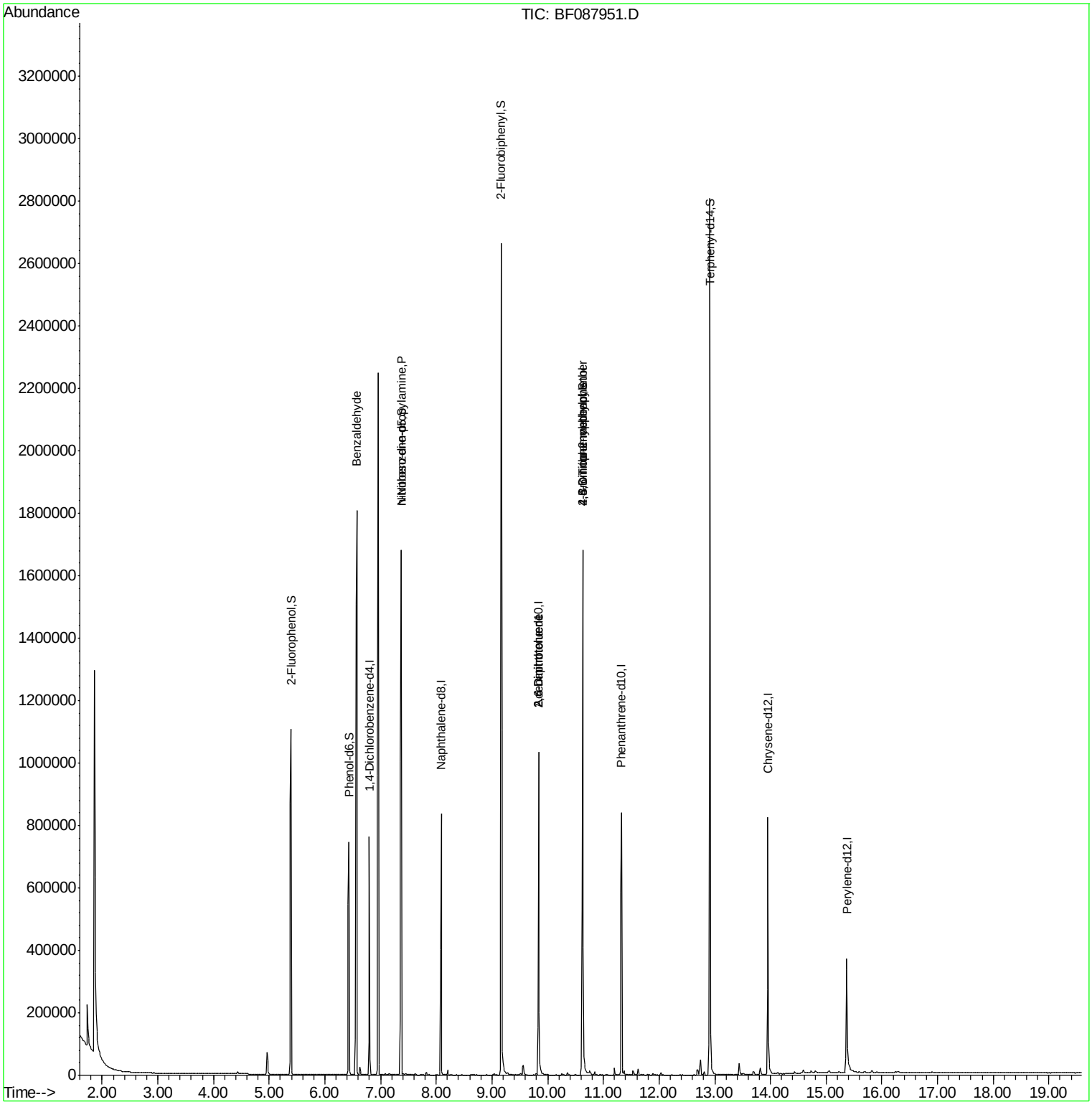
(#) = qualifier out of range (m) = manual integration (+) = signals summed

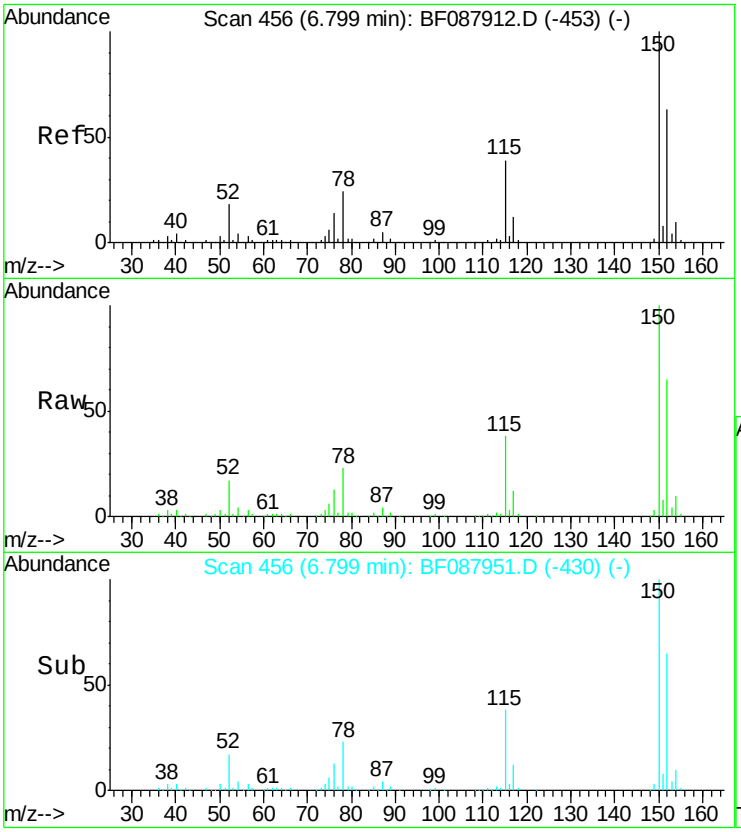
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087951.D
Acq On : 12 Jun 2016 16:36
Operator : UM/SJ
Sample : H3490-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Time: Jun 13 04:59:13 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 02:17:28 2016
Response via : Initial Calibration



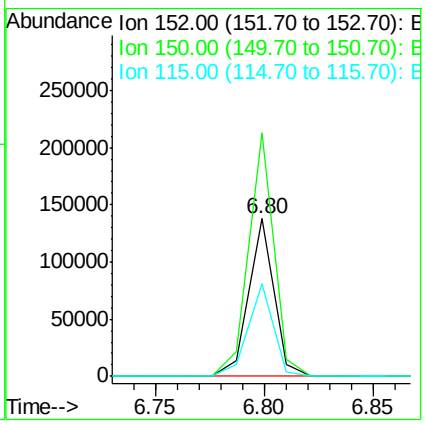


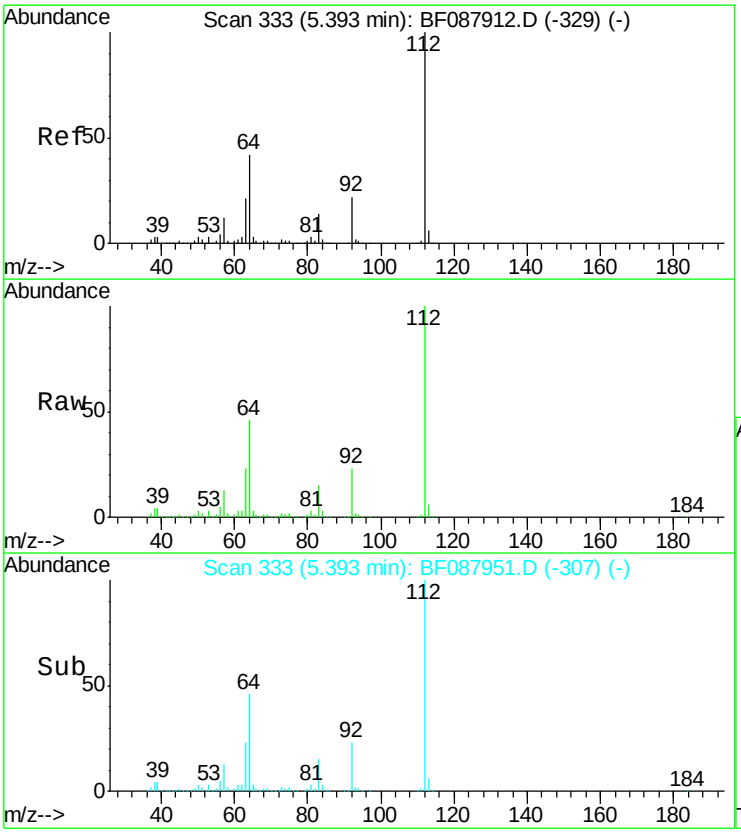
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:152 Resp: 110547

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	58.5	39.6	59.4

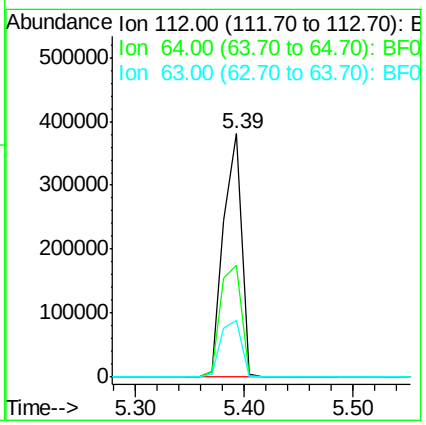


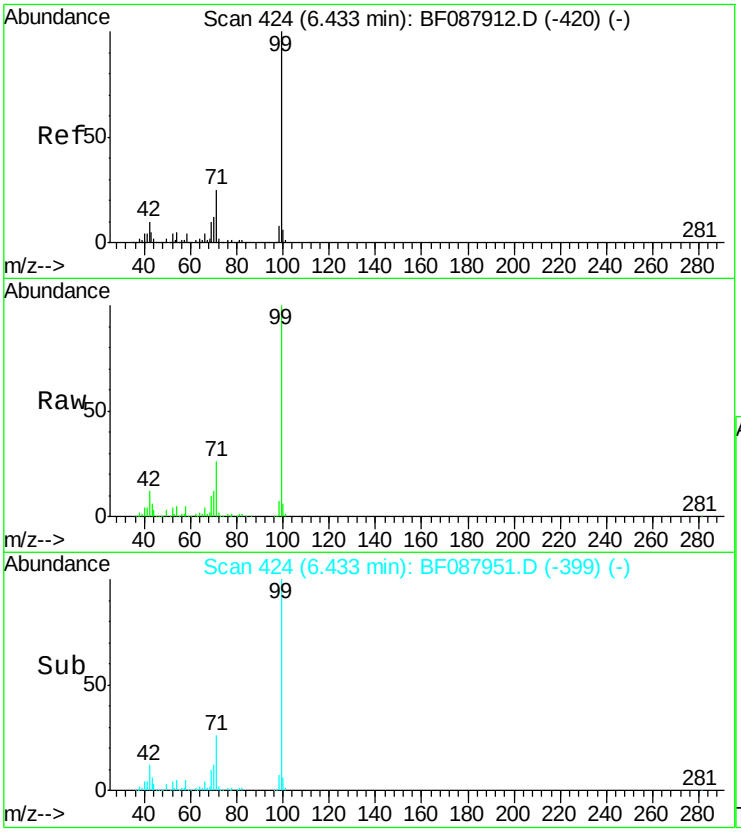


#5
2-Fluorophenol
Concen: 68.15 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:112 Resp: 440714

Ion	Ratio	Lower	Upper
112	100		
64	45.9	42.2	63.2
63	23.1	21.8	32.8



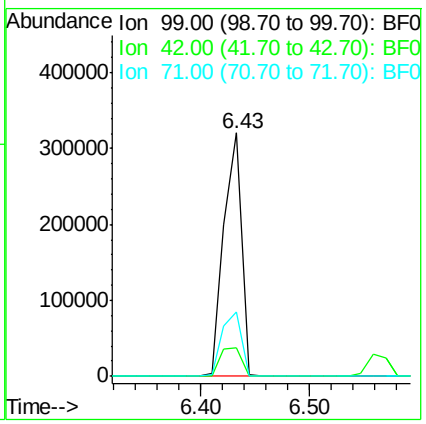


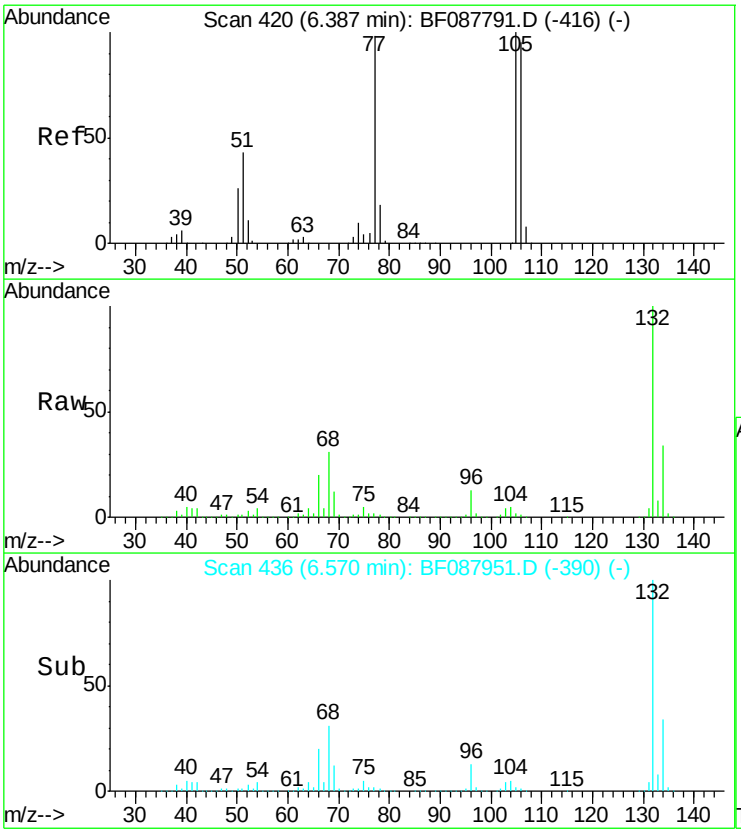
#7
Phenol-d6
Concen: 46.36 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 99 Resp: 363338

Ion	Ratio	Lower	Upper
99	100		
42	11.6	12.2	18.2#
71	26.4	23.4	35.0

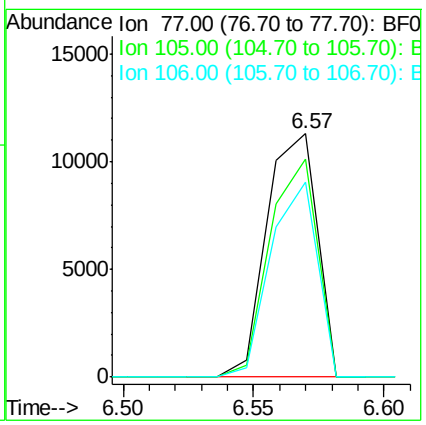


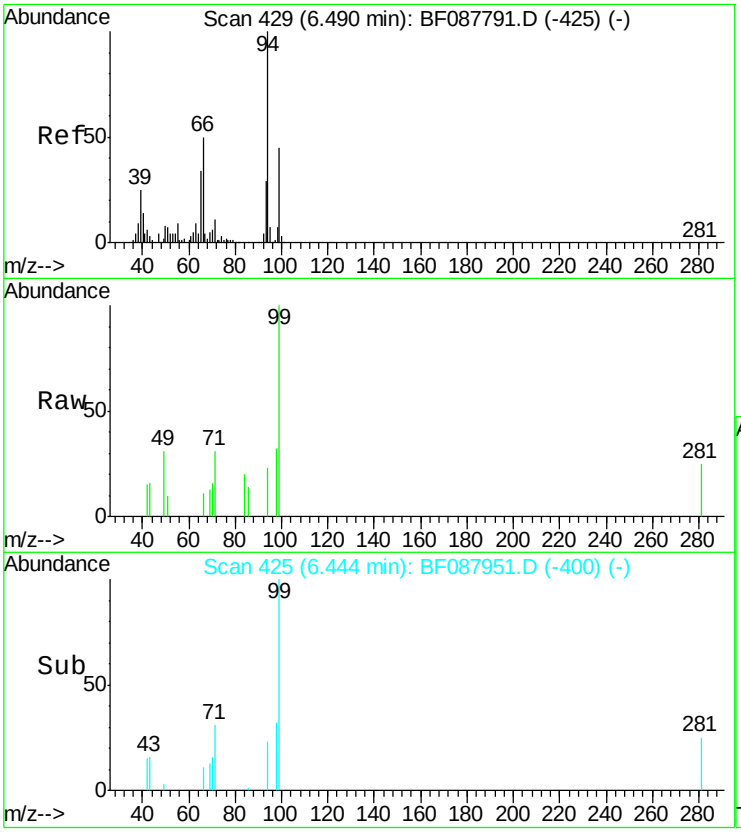


#9
Benzaldehyde
Concen: 2.76 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.23 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion: 77 Resp: 15211

Ion	Ratio	Lower	Upper
77	100		
105	89.5	90.6	130.6#
106	80.0	85.3	125.3#



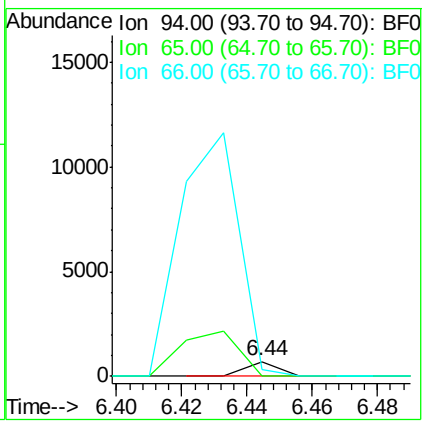


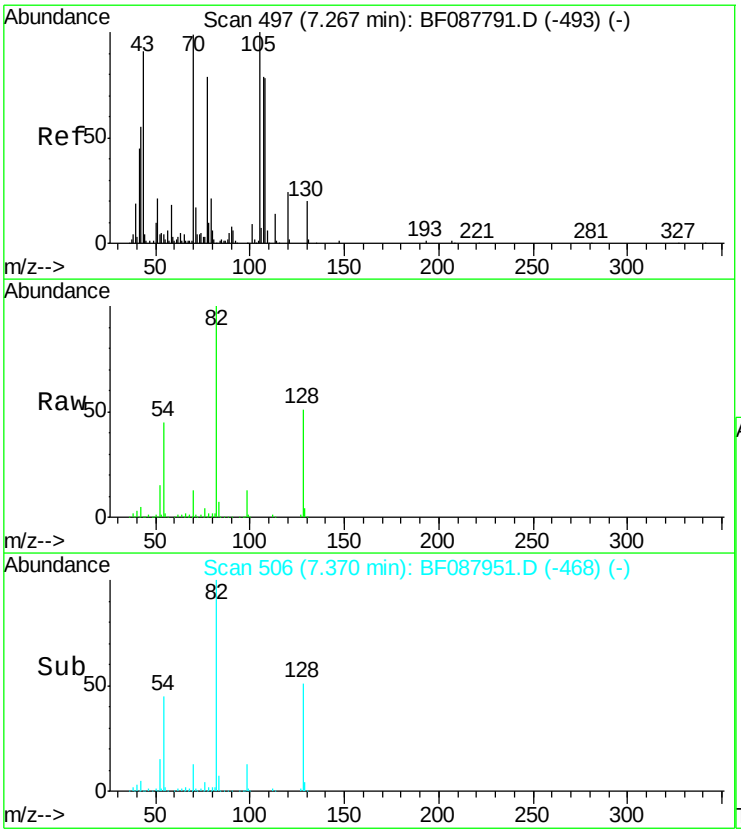
#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	45.1	14.0	54.0

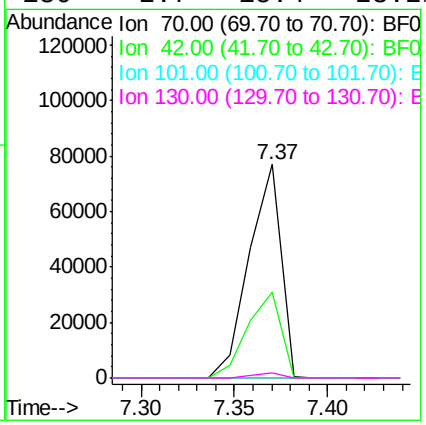


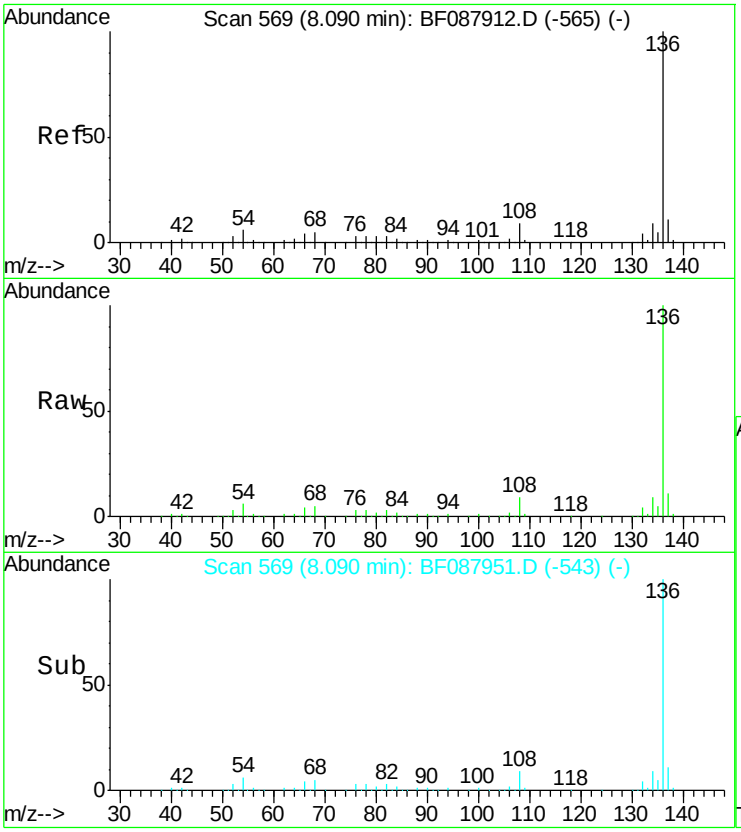


#19
n-Nitroso-di-n-propylamine
Concen: 18.18 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion: 70 Resp: 91153

Ion	Ratio	Lower	Upper
70	100		
42	39.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.7	15.4	23.2#



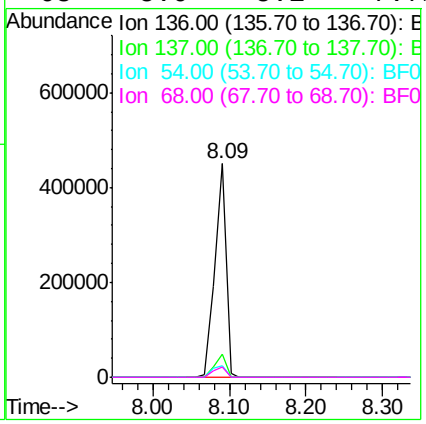


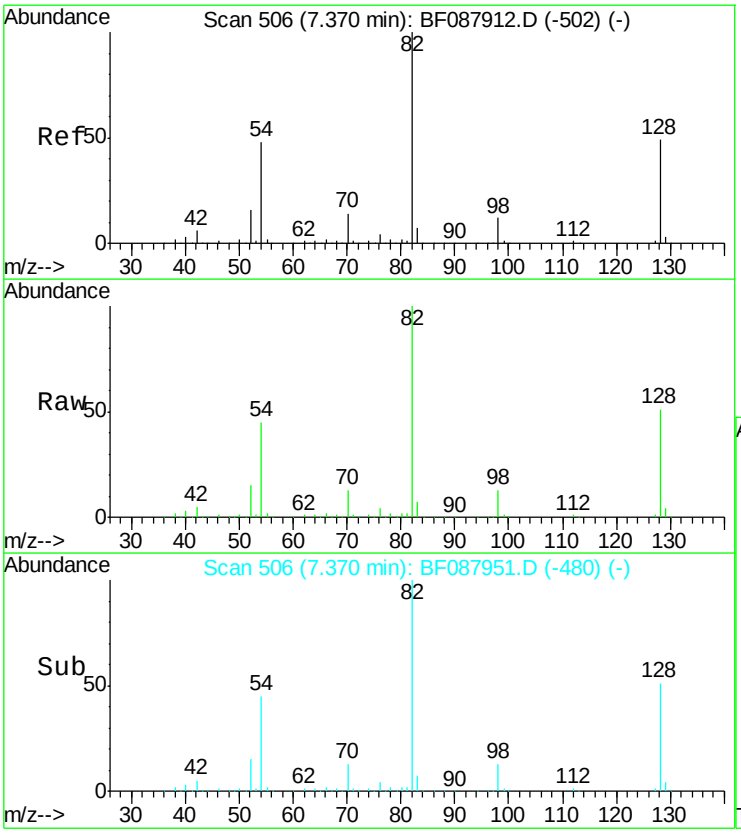
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:136 Resp: 453445

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	5.0	5.1	7.7#

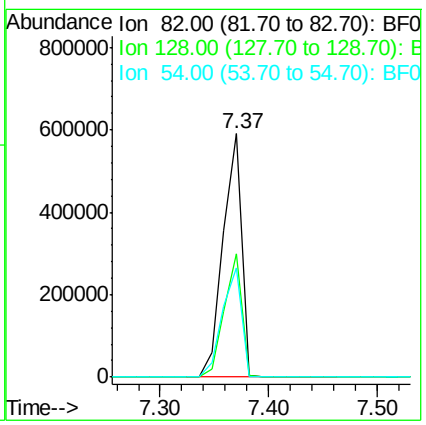


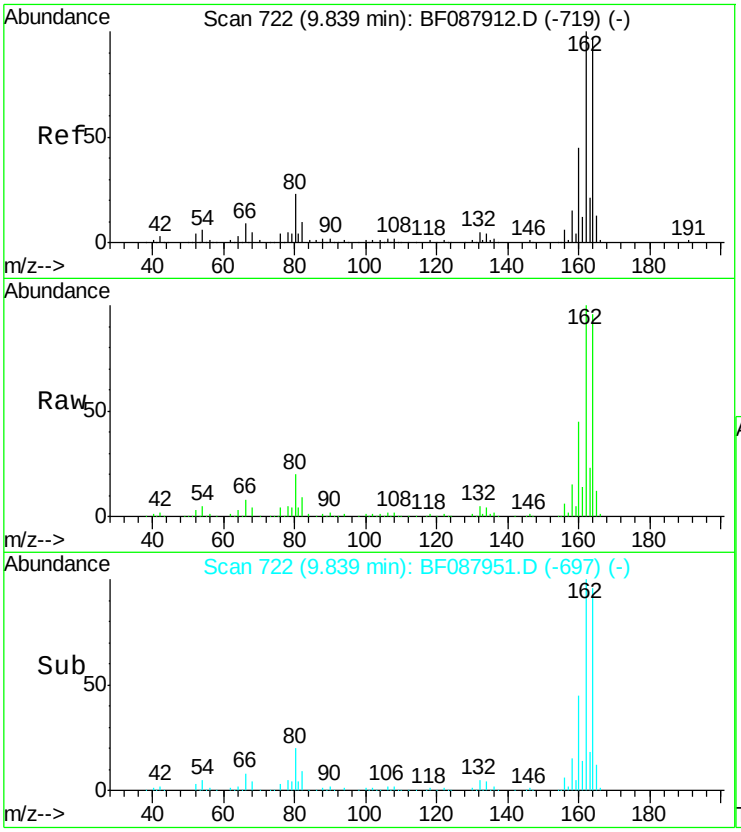


#23
Nitrobenzene-d5
Concen: 89.55 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion: 82 Resp: 695355

Ion	Ratio	Lower	Upper
82	100		
128	50.8	35.9	53.9
54	44.9	40.9	61.3



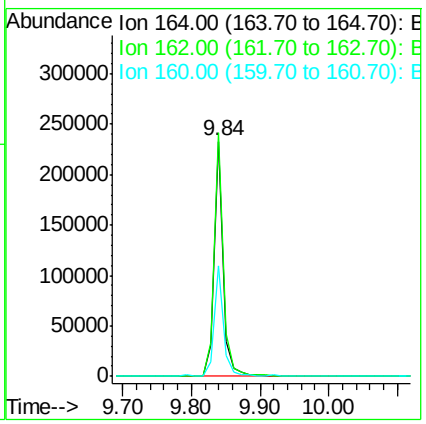


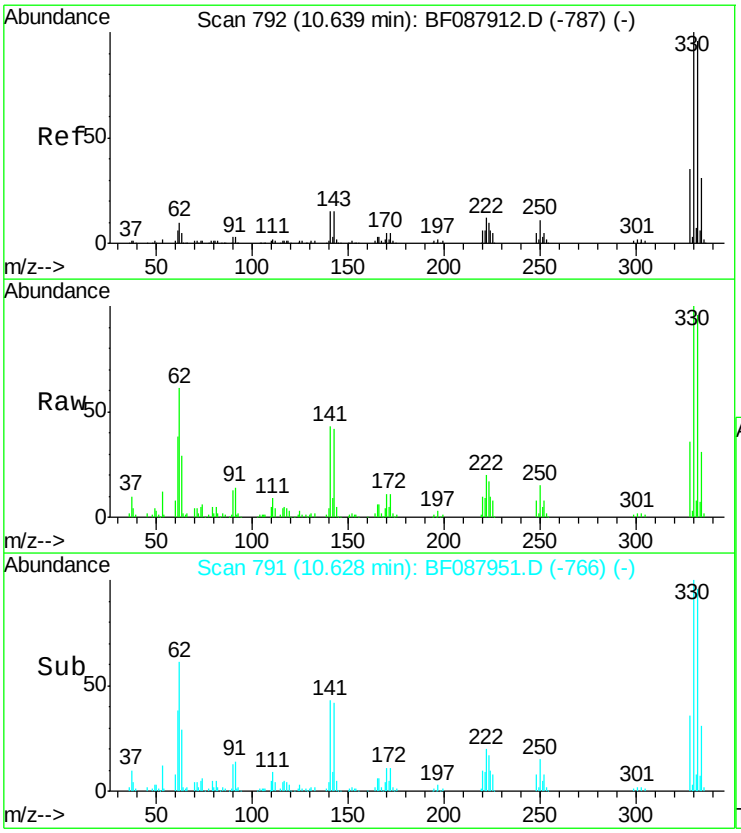
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:164 Resp: 218602

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.9	39.5	59.3

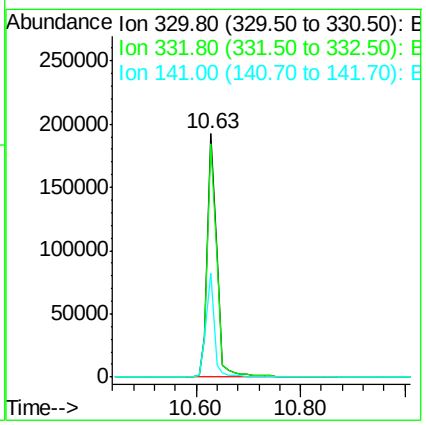


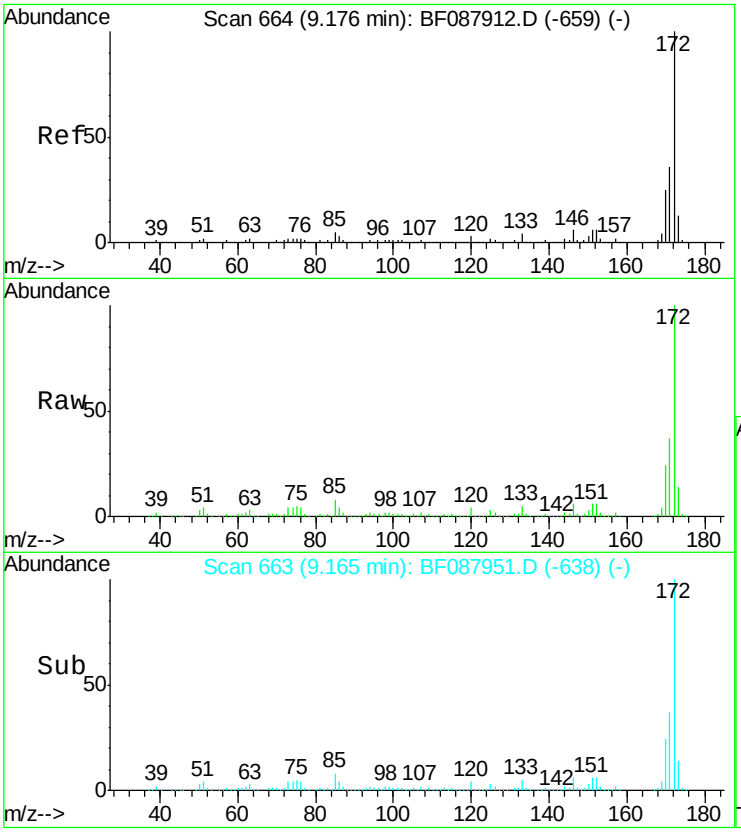


#41
2,4,6-Tribromophenol
Concen: 105.58 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:330 Resp: 243710

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	38.1	0.0	0.0#



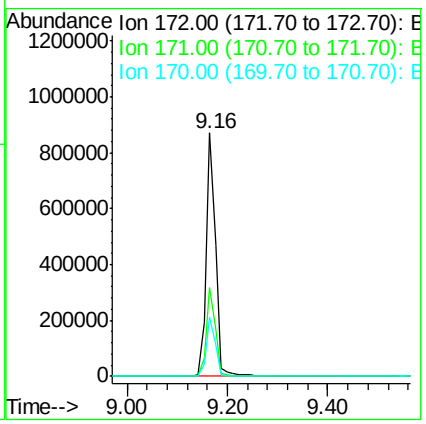


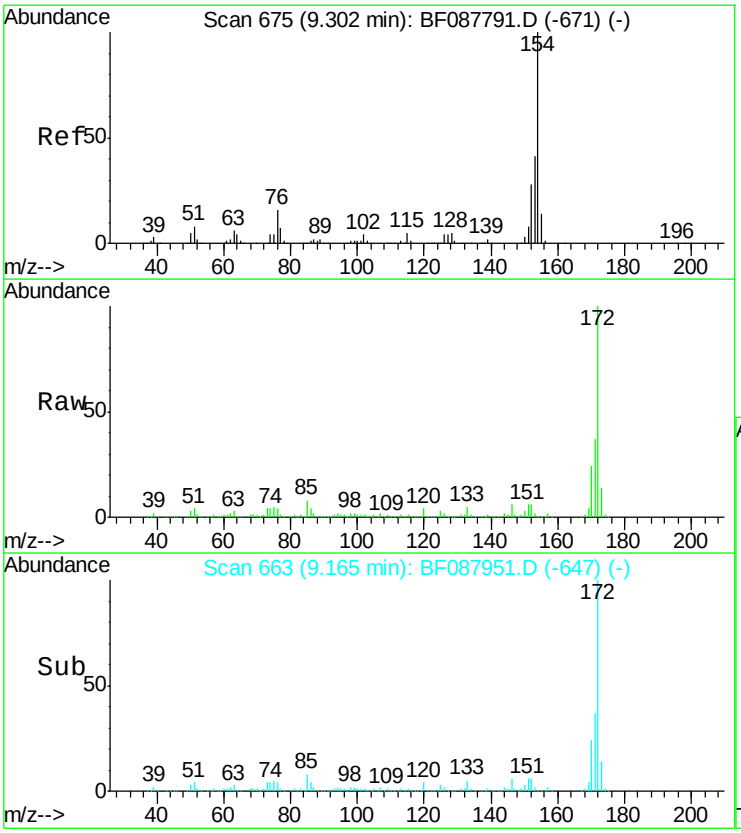
#44
2-Fluorobiphenyl
Concen: 80.16 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:172 Resp: 1119839

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.4	19.2	28.8

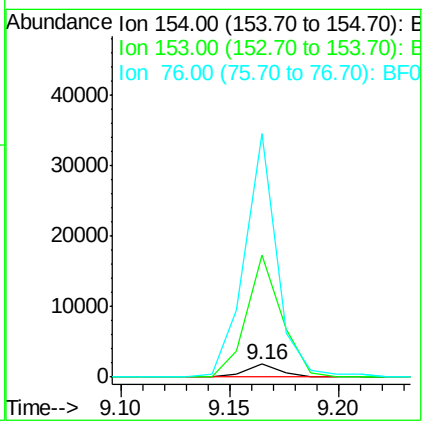


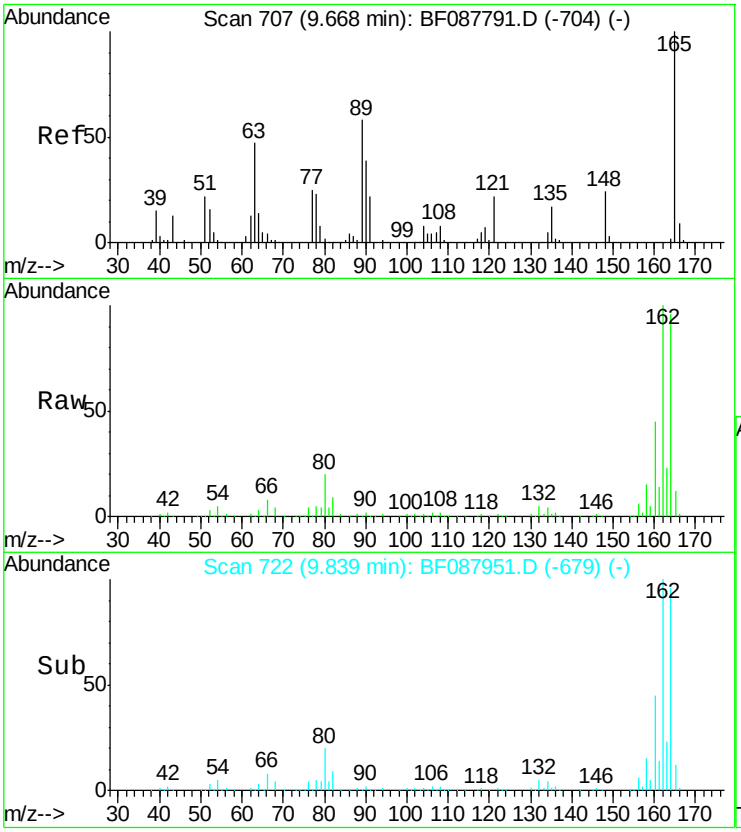


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.11 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:154 Resp: 1982

Ion	Ratio	Lower	Upper
154	100		
153	926.0	20.6	60.6#
76	1851.2	0.0	35.1#



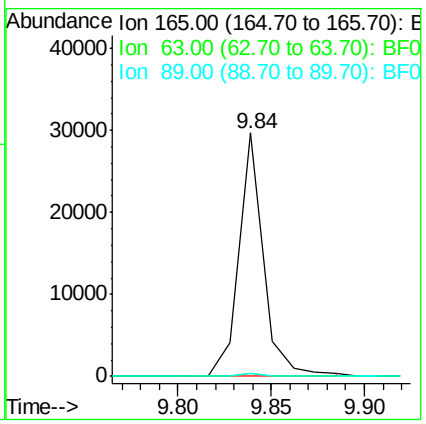


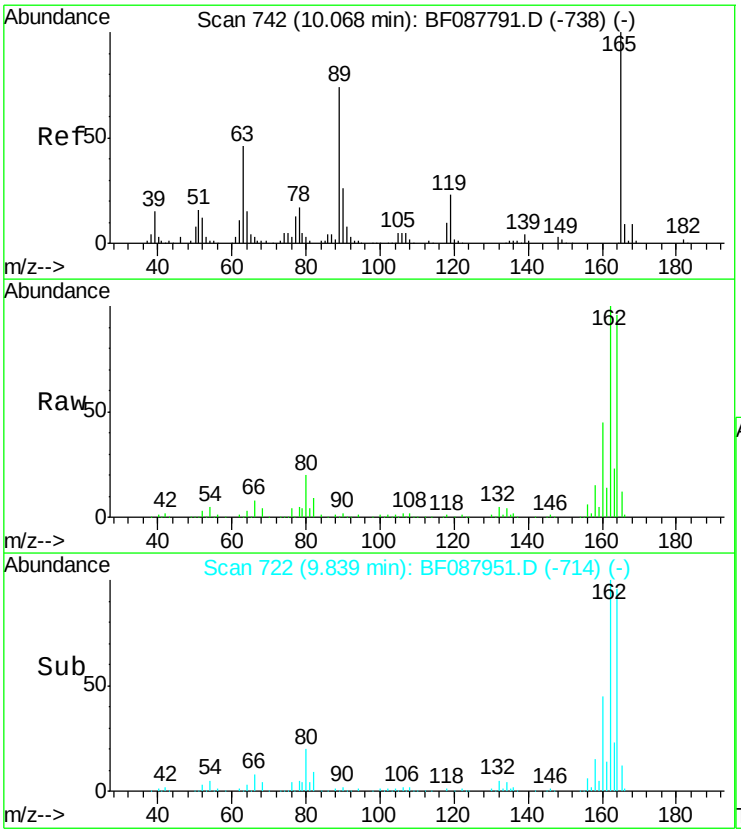
#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.19 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:165 Resp: 27431

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.1	42.1#
89	1.4	32.2	48.2#

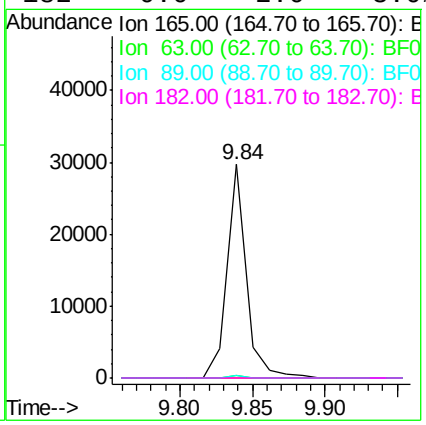


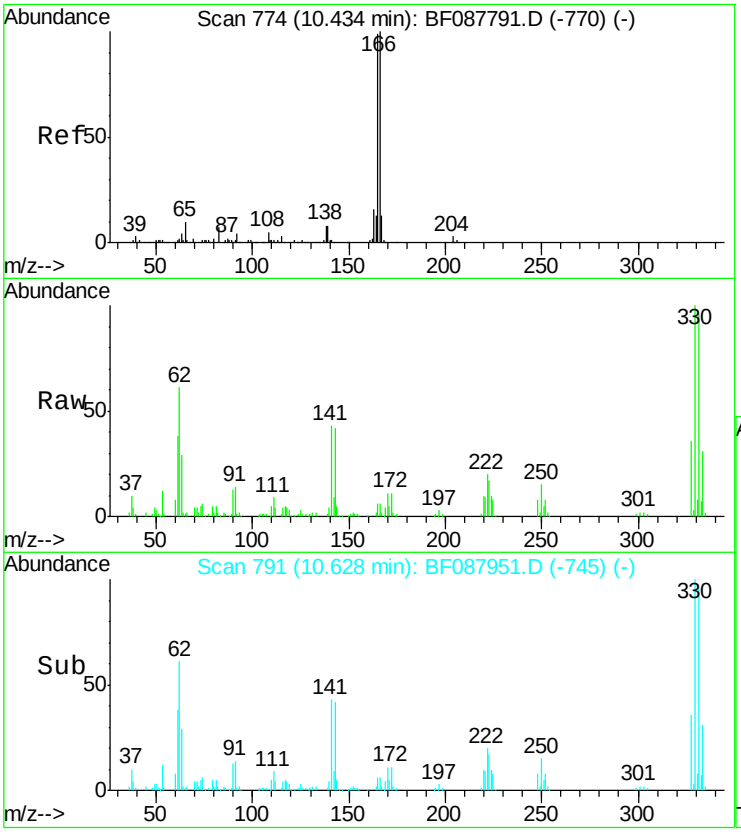


#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:165 Resp: 27434

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



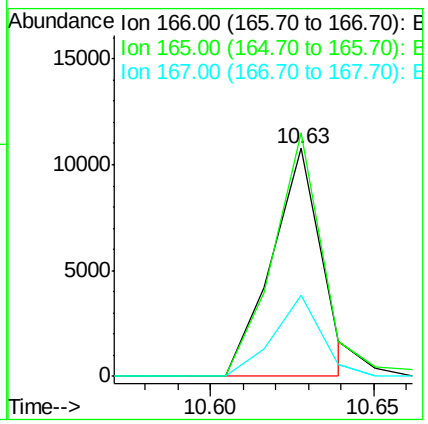


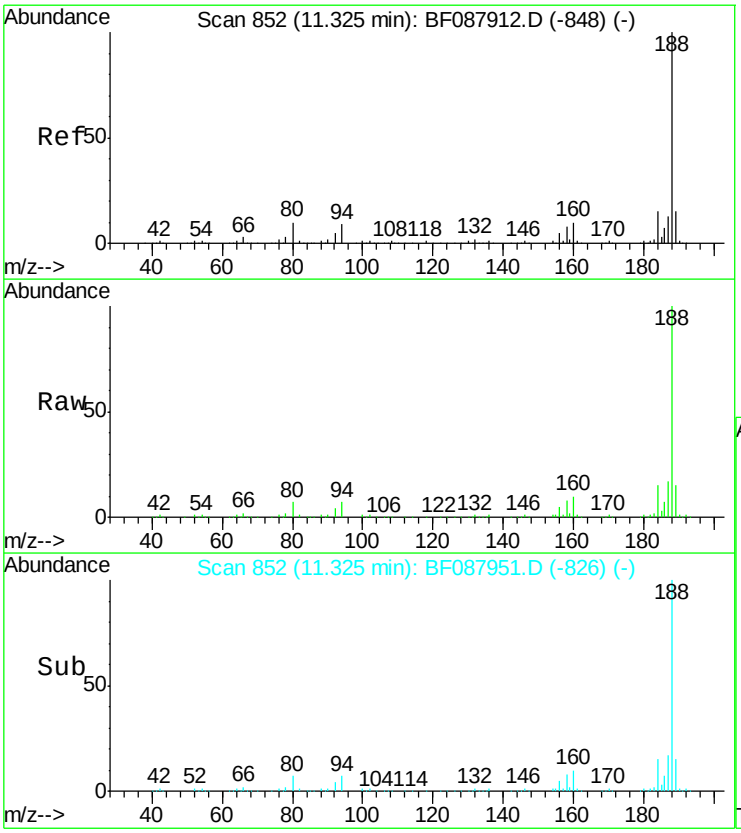
#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.23 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:166 Resp: 11410

Ion	Ratio	Lower	Upper
166	100		
165	106.8	77.8	116.8
167	35.5	11.2	16.8#

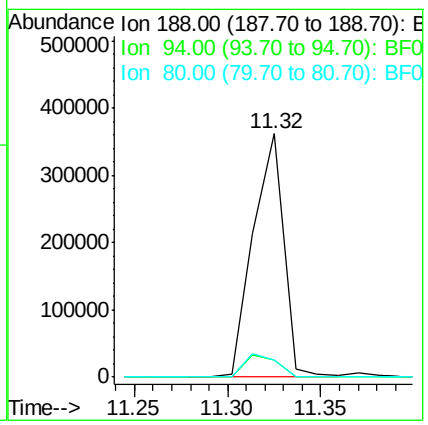


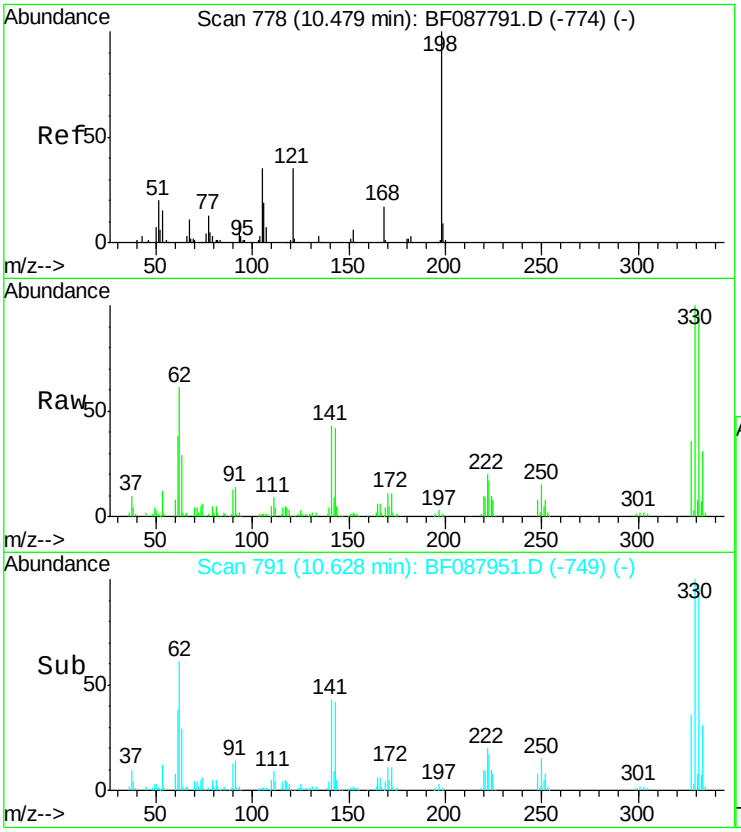


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:188 Resp: 411292

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.0	10.0	15.0#



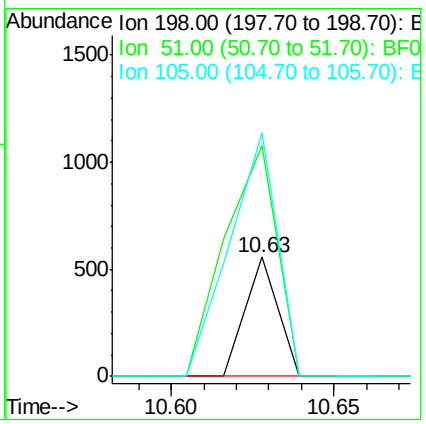


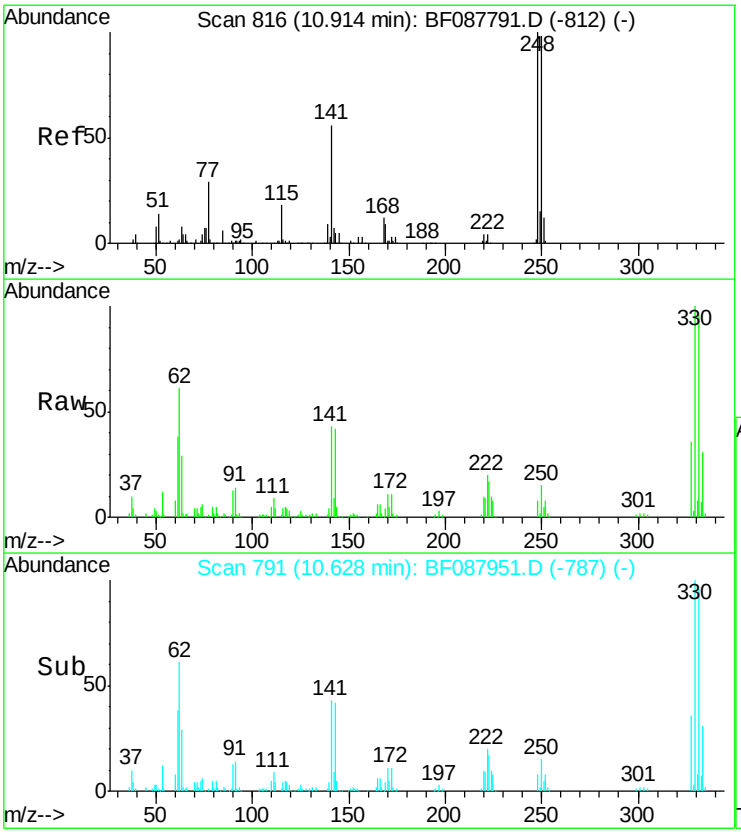
#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:198 Resp: 381

Ion	Ratio	Lower	Upper
198	100		
51	194.2	39.6	79.6#
105	204.5	36.6	76.6#

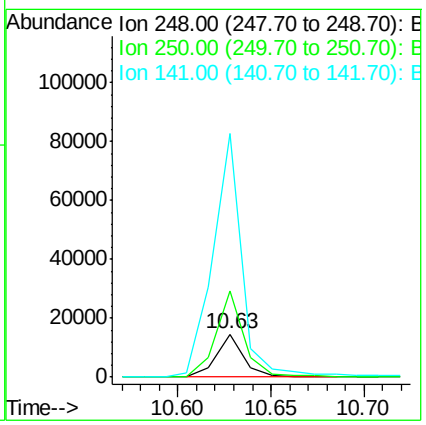


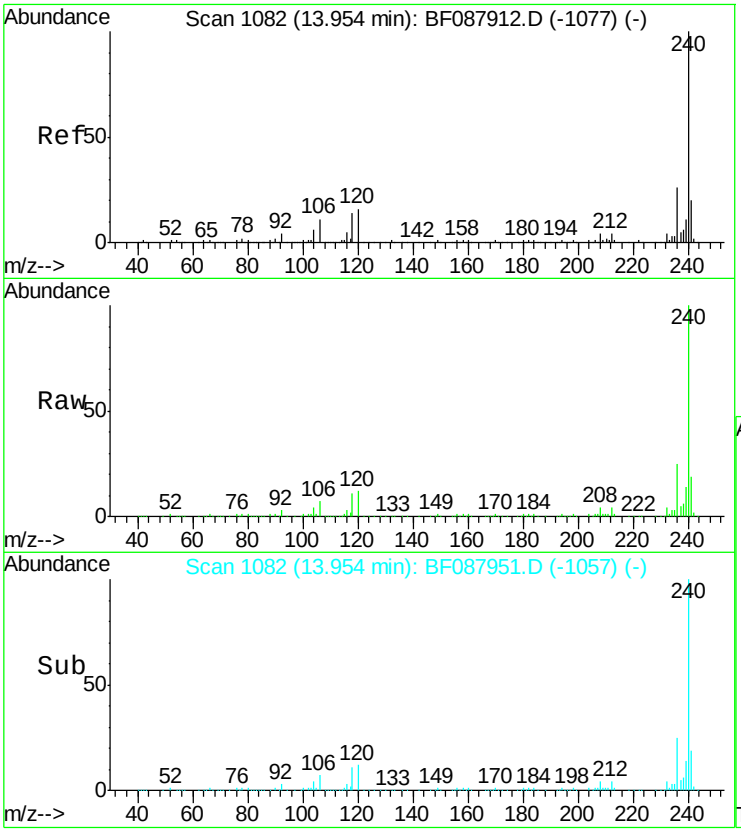


#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:248 Resp: 15142

Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.1	115.7#
141	563.8	50.6	76.0#



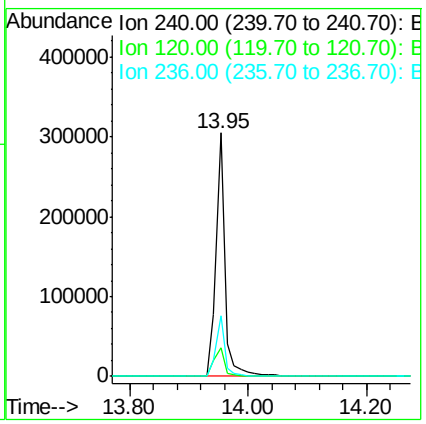


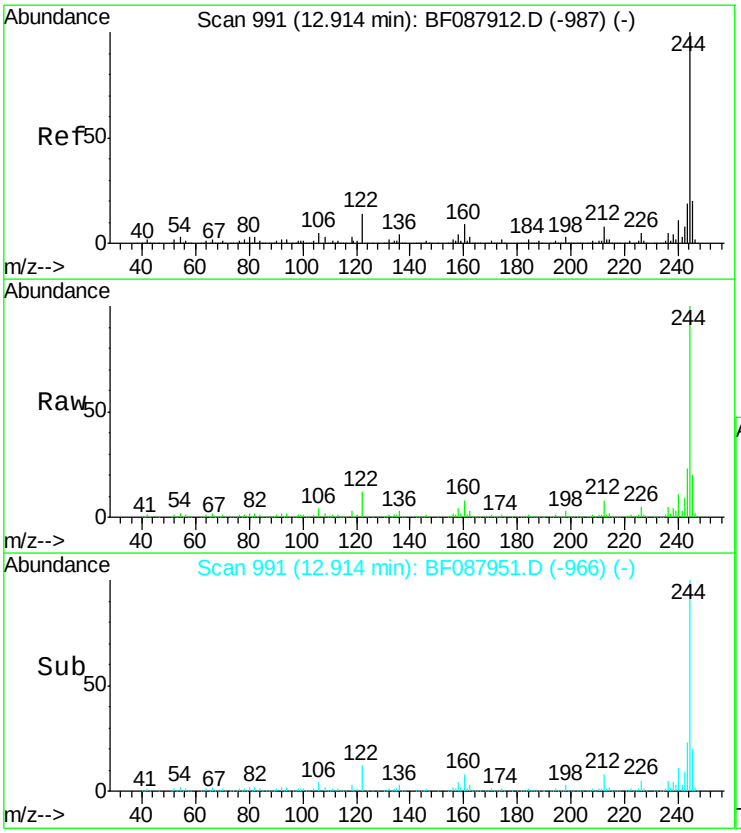
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:240 Resp: 317288

Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	25.1	20.2	30.2

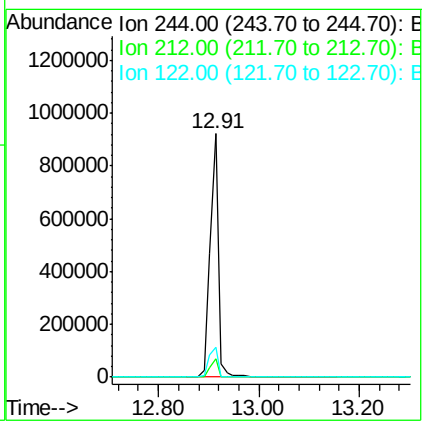


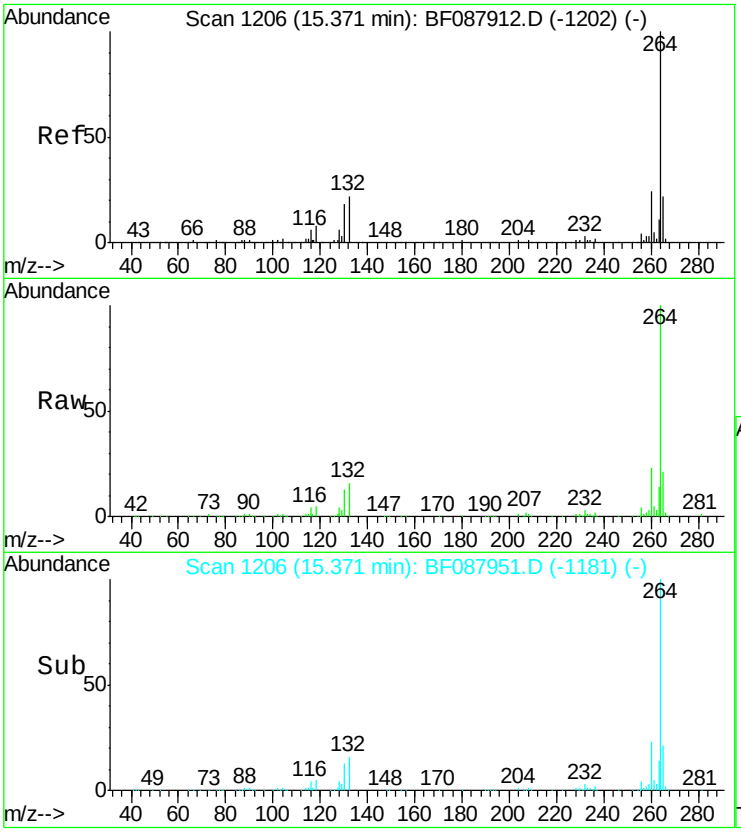


#78
Terphenyl-d14
Concen: 74.43 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Tgt Ion:244 Resp: 1037848

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087951.D
Acq: 12 Jun 2016 16:36

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:264 Resp: 244020

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	16.9	25.3