Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088420.D
Acq On : 26 Jun 2016 16:03
Operator : UM/SJ
Sample : H3684-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 27 03:55:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	72687	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	297626	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	143434	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	260017	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	186645	20.00	ng	-0.07
86) Perylene-d12	15.03	264	149127	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	265751	62.50	ng	-0.05
7) Phenol-d6	6.22	99	193970	37.64	ng	-0.05
23) Nitrobenzene-d5	7.13	82	434550	85.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.36	330	161371	106.55	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	792023	86.87	ng	-0.06
78) Terphenyl-d14	12.64	244	715310	87.21	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.23	94	1691	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	53754	16.31	ng	# 66
25) Isophorone	7.13	82	424228	44.94	ng	# 65
36) 4-Chloro-3-methylphenol	8.41	107	24883	5.72	ng	# 19
45) 1,1'-Biphenyl	9.02	154	248	Below Cal	#	43
49) Dimethylphthalate	9.31	163	39244	3.78	ng	99
50) 2,6-Dinitrotoluene	9.58	165	18229	7.66	ng	# 39
56) 2,4-Dinitrotoluene	9.58	165	18229	5.96	ng	# 37
57) Fluorene	10.36	166	7126	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.36	198	283	2.33	ng	# 1
66) 4-Bromophenyl-phenylether	10.36	248	10000	3.58	ng	# 1

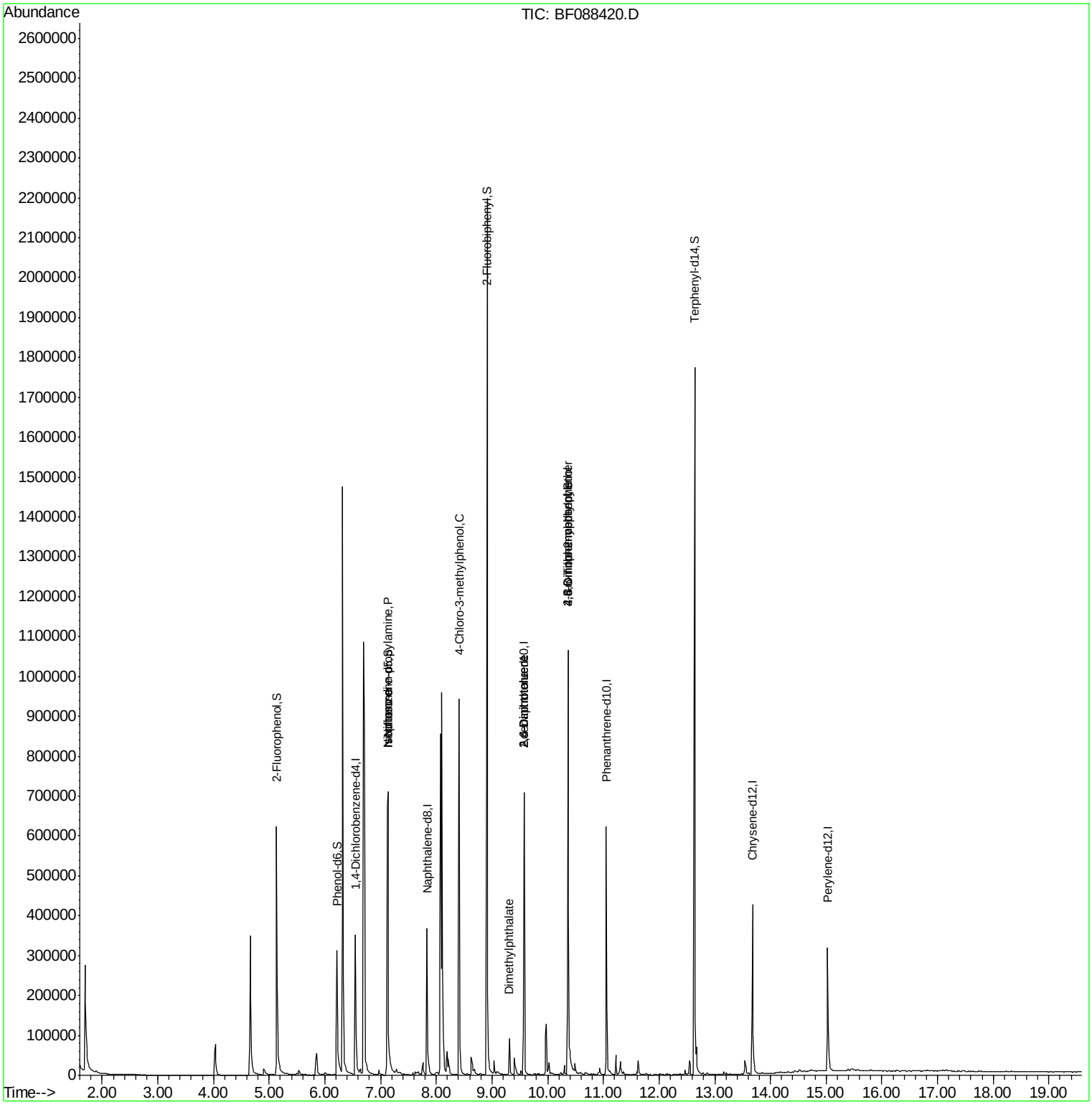
(#) = qualifier out of range (m) = manual integration (+) = signals summed

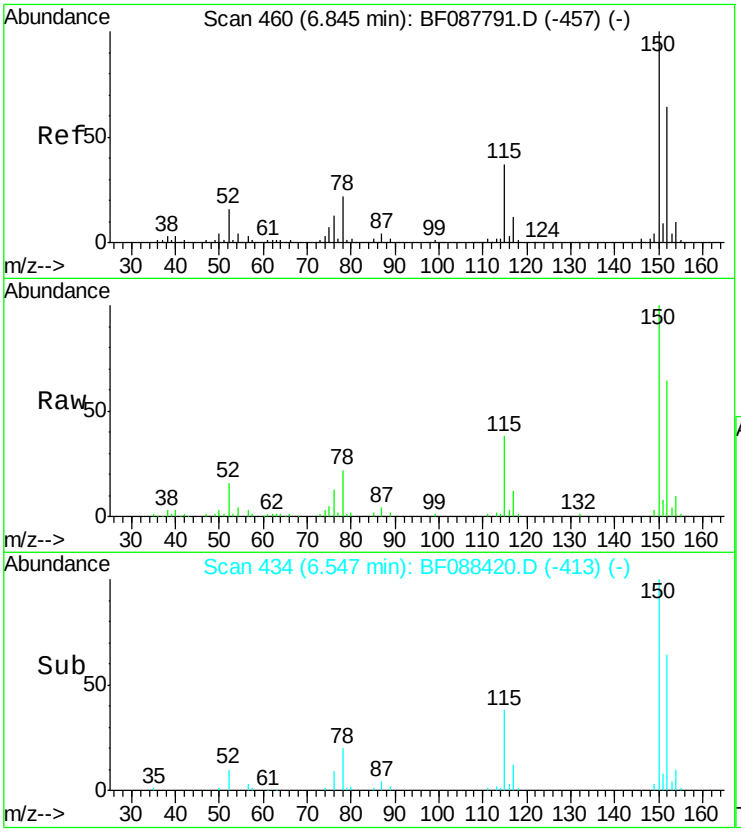
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088420.D
Acq On : 26 Jun 2016 16:03
Operator : UM/SJ
Sample : H3684-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:55:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



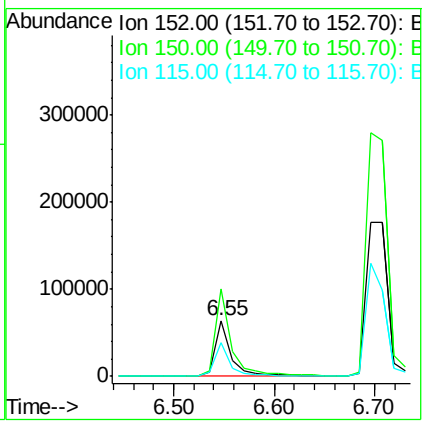


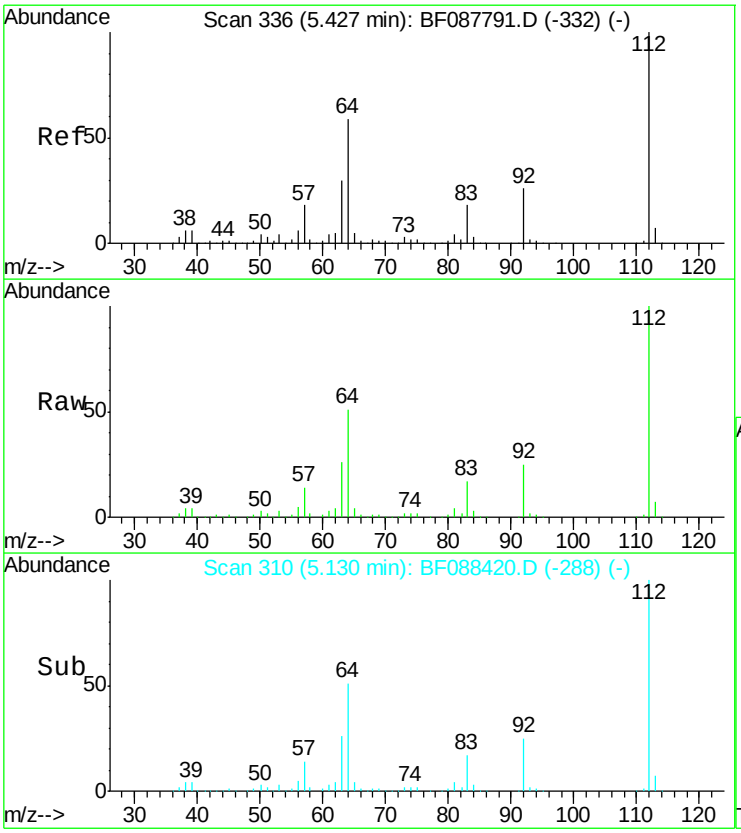
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72687

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	59.4	39.6	59.4

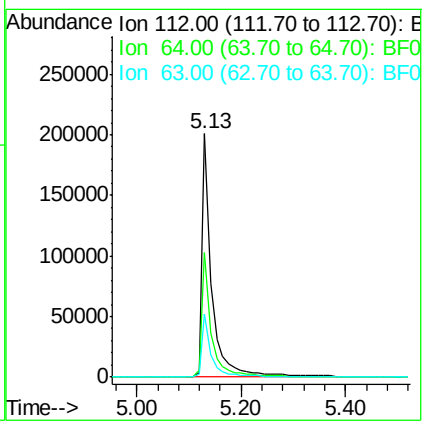


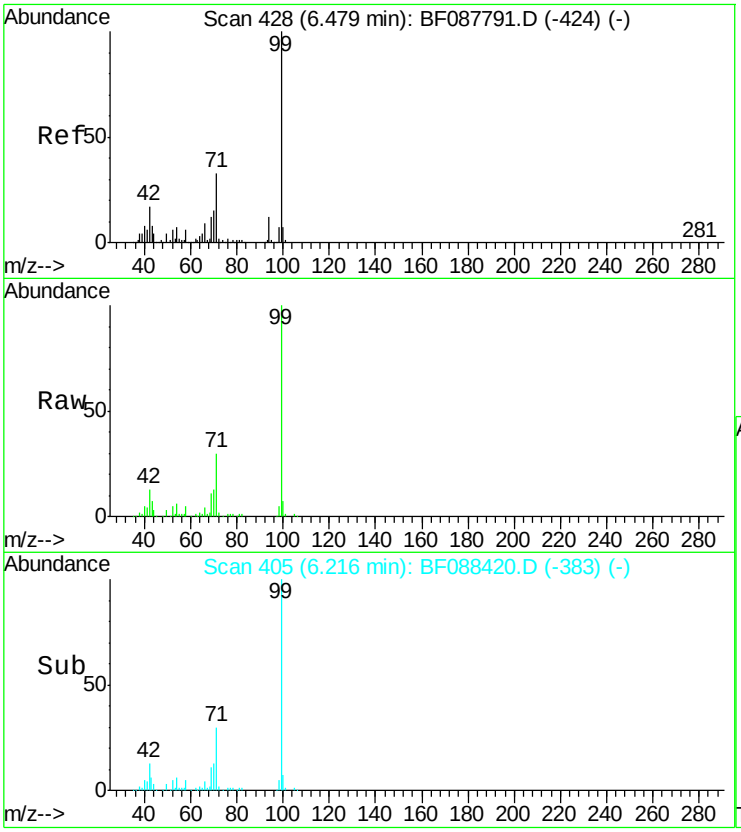


#5
2-Fluorophenol
Concen: 62.50 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:112 Resp: 265751

Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.2	63.2
63	25.8	21.8	32.8



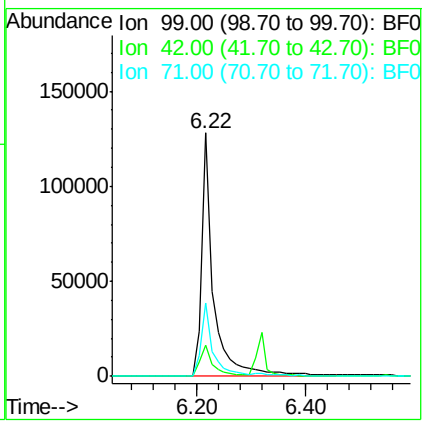


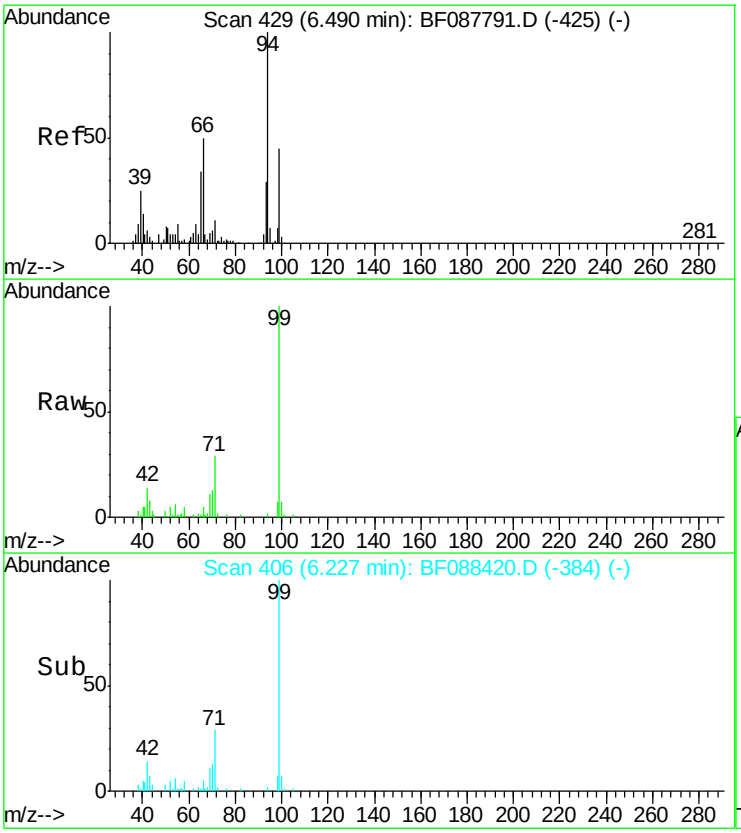
#7
Phenol-d6
Concen: 37.64 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 193970

Ion	Ratio	Lower	Upper
99	100		
42	12.6	12.2	18.2
71	30.2	23.4	35.0

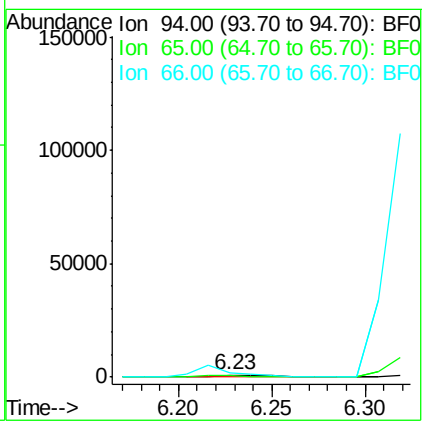


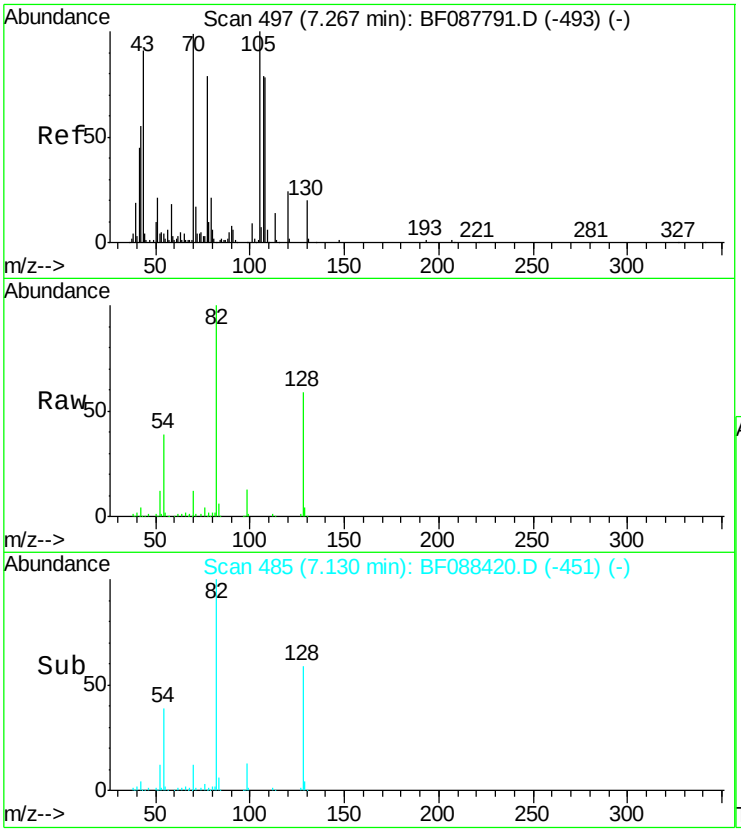


#10
Phenol
Concen: Below Cal
RT: 6.23 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion: 94 Resp: 1691

Ion	Ratio	Lower	Upper
94	100		
65	56.9	5.9	45.9#
66	222.4	14.0	54.0#



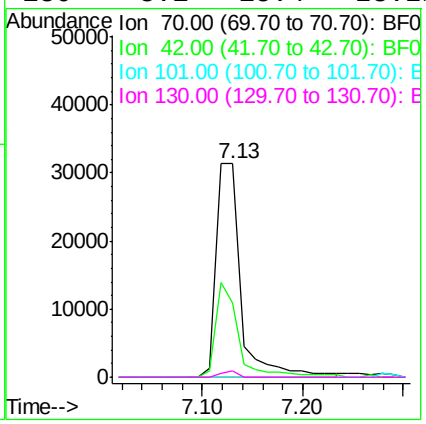


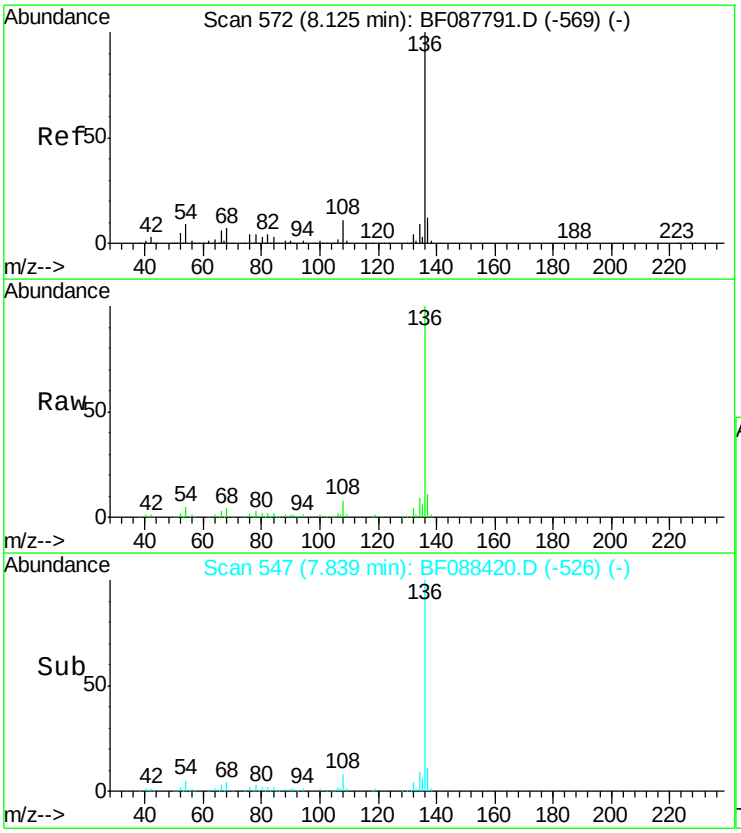
#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53754

Ion	Ratio	Lower	Upper
70	100		
42	34.9	49.6	74.4#
101	0.0	7.1	10.7#
130	3.1	15.4	23.2#

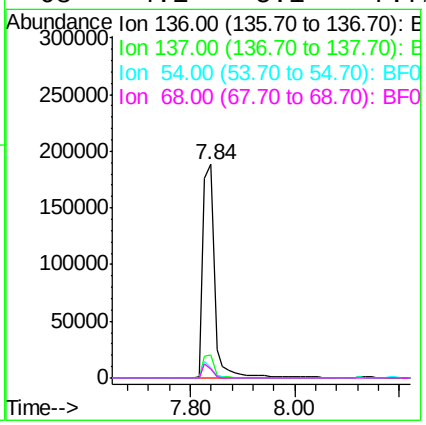


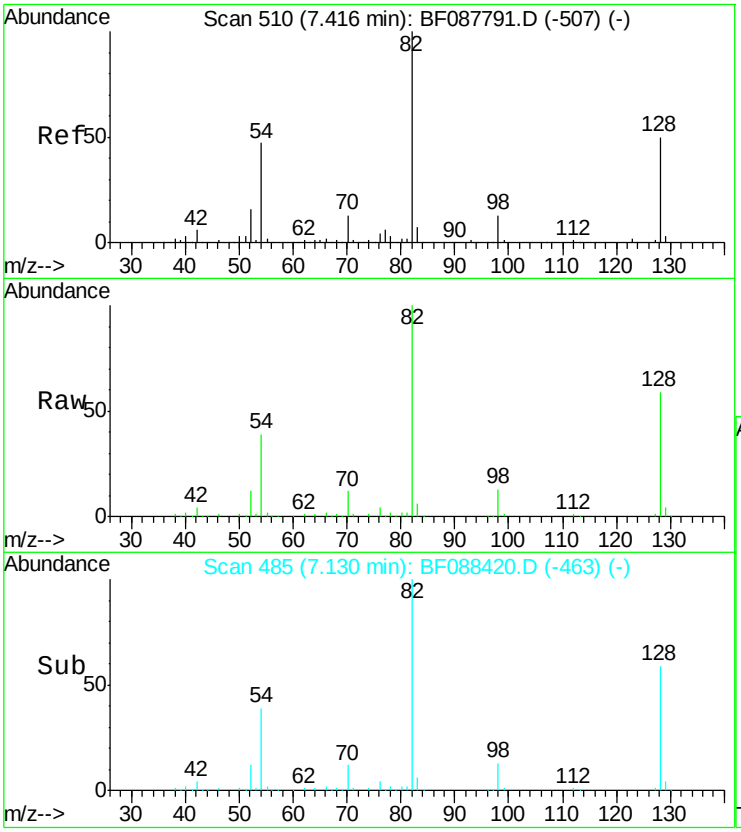


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:136 Resp: 297626

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.7	6.6	10.0#
68	4.1	5.1	7.7#



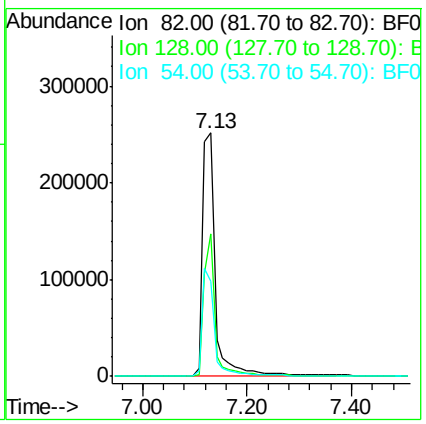


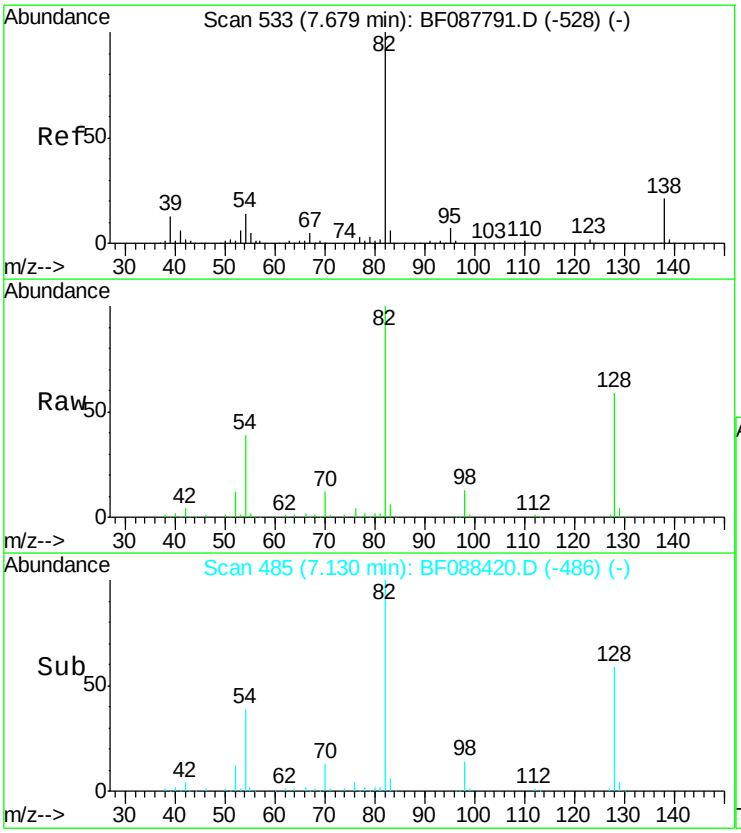
#23
Nitrobenzene-d5
Concen: 85.26 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 434550

Ion	Ratio	Lower	Upper
82	100		
128	58.5	35.9	53.9#
54	39.2	40.9	61.3#

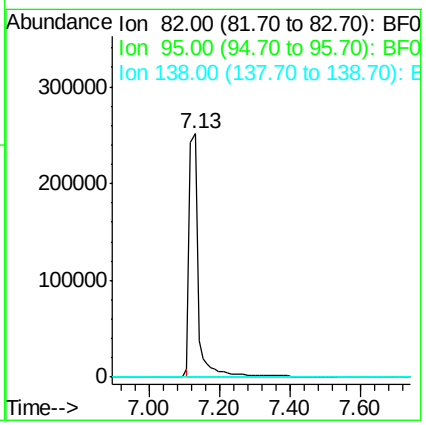


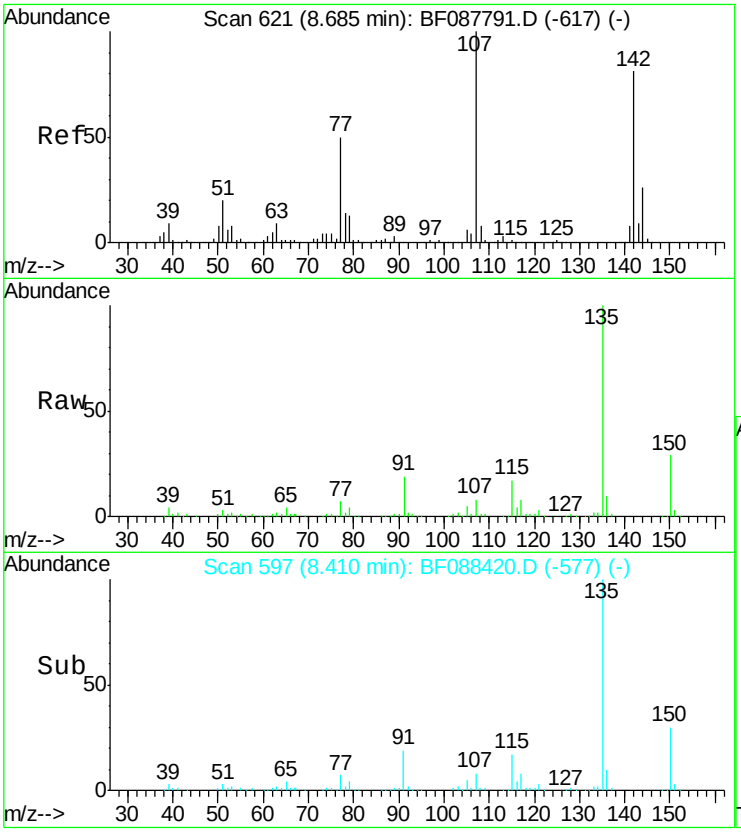


#25
Isophorone
Concen: 44.94 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.31 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion: 82 Resp: 424228

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



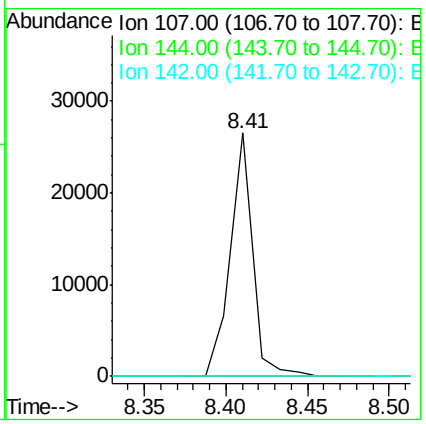


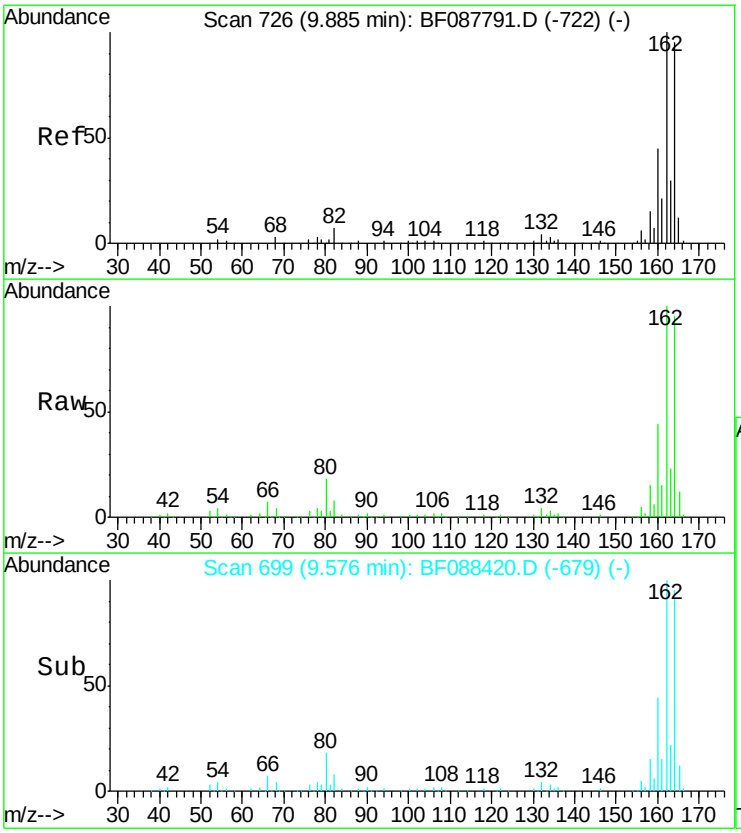
#36
4-Chloro-3-methylphenol
Concen: 5.72 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 24883

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	63.4	95.2#

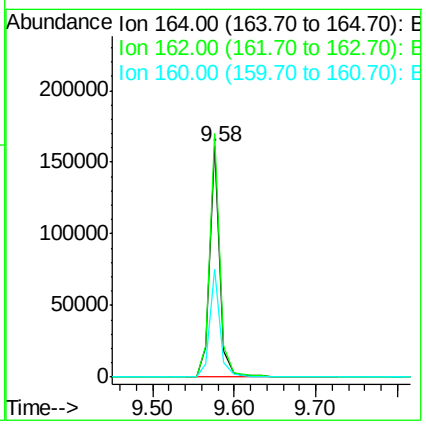


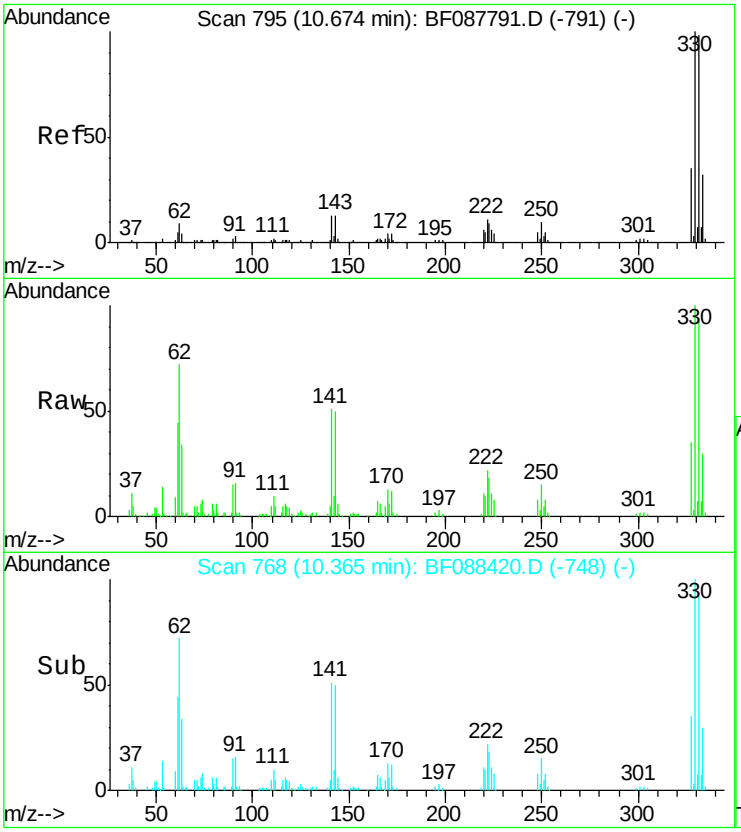


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:164 Resp: 143434

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	47.0	39.5	59.3



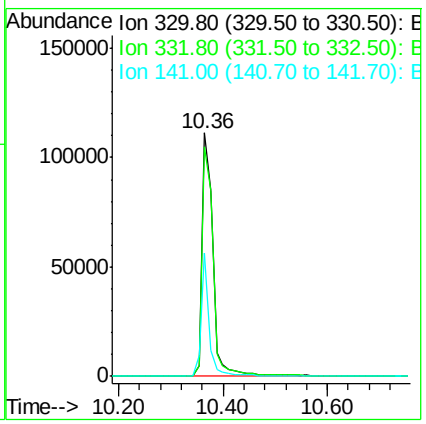


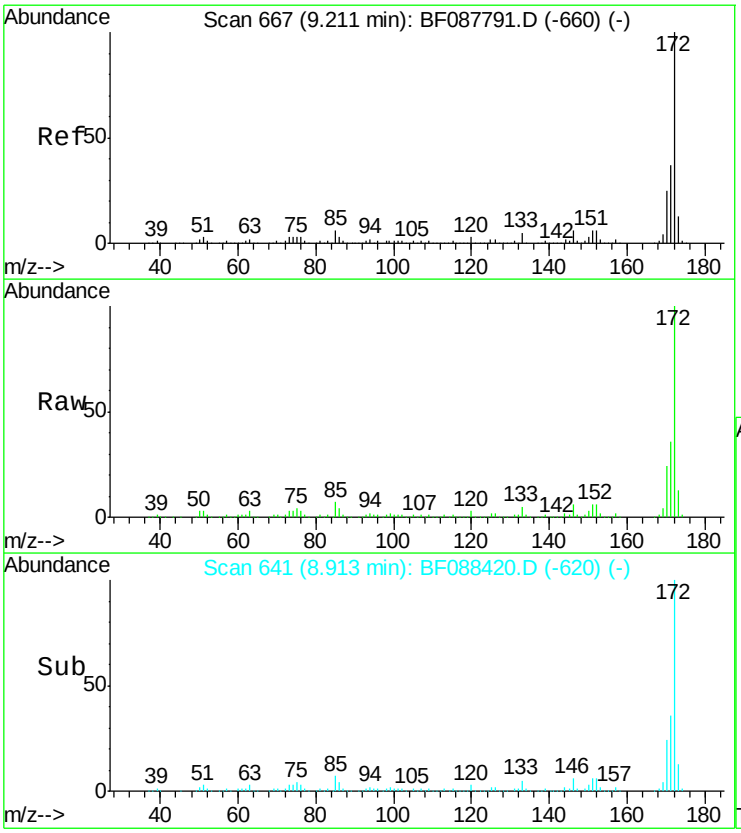
#41
2,4,6-Tribromophenol
Concen: 106.55 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 161371

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	37.8	0.0	0.0#

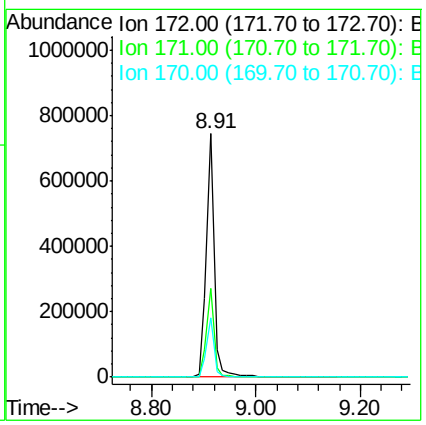


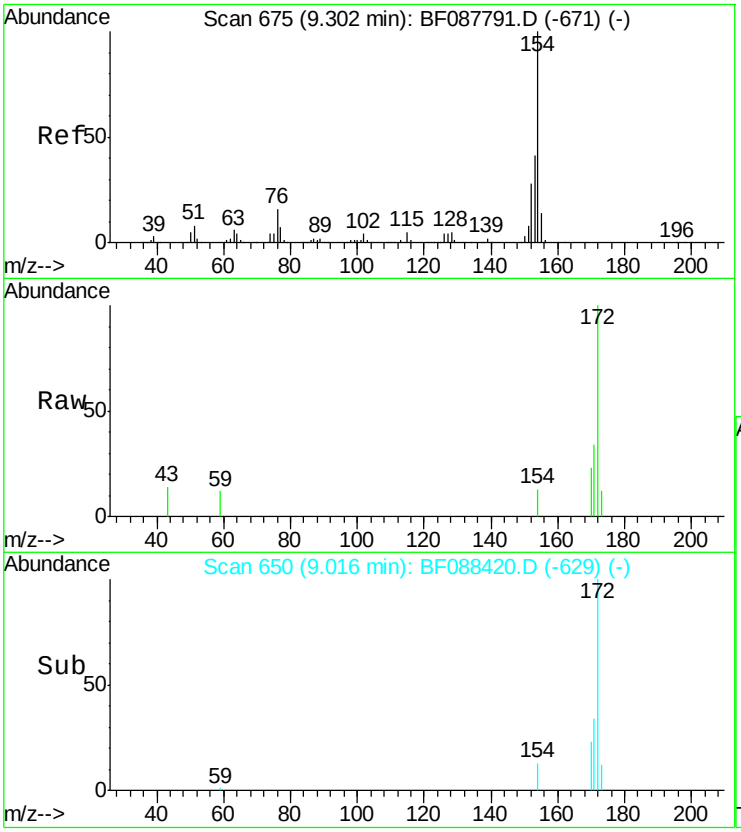


#44
2-Fluorobiphenyl
Concen: 86.87 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:172 Resp: 792023

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.2	28.8



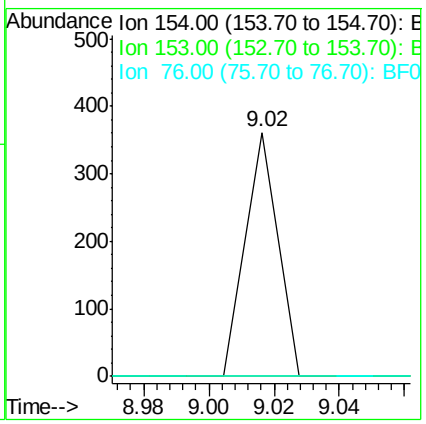


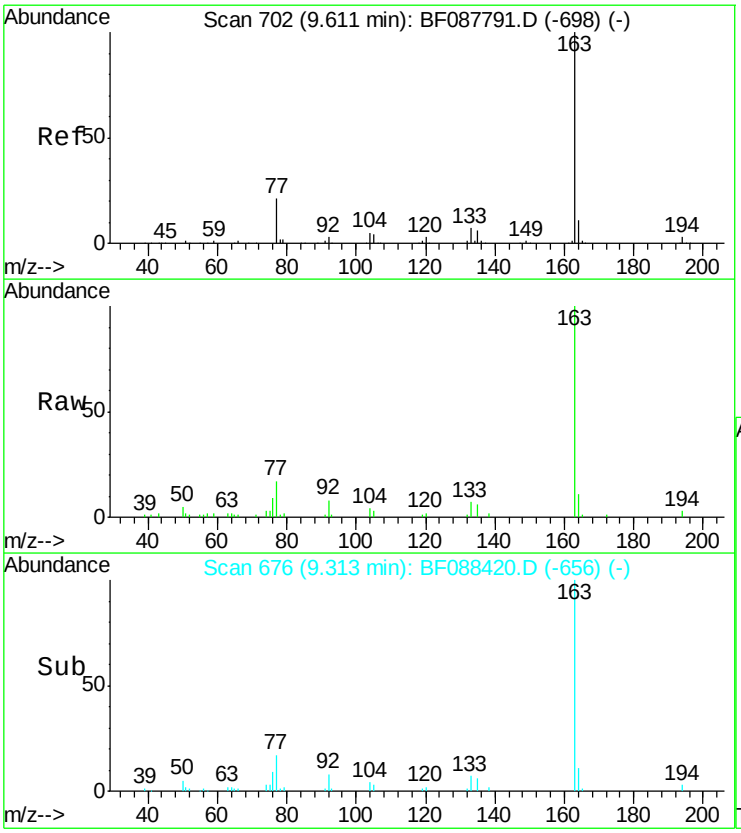
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 248

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

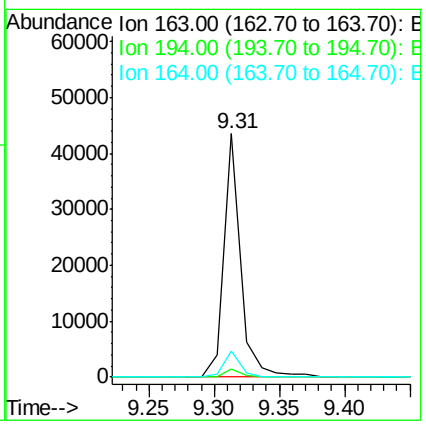


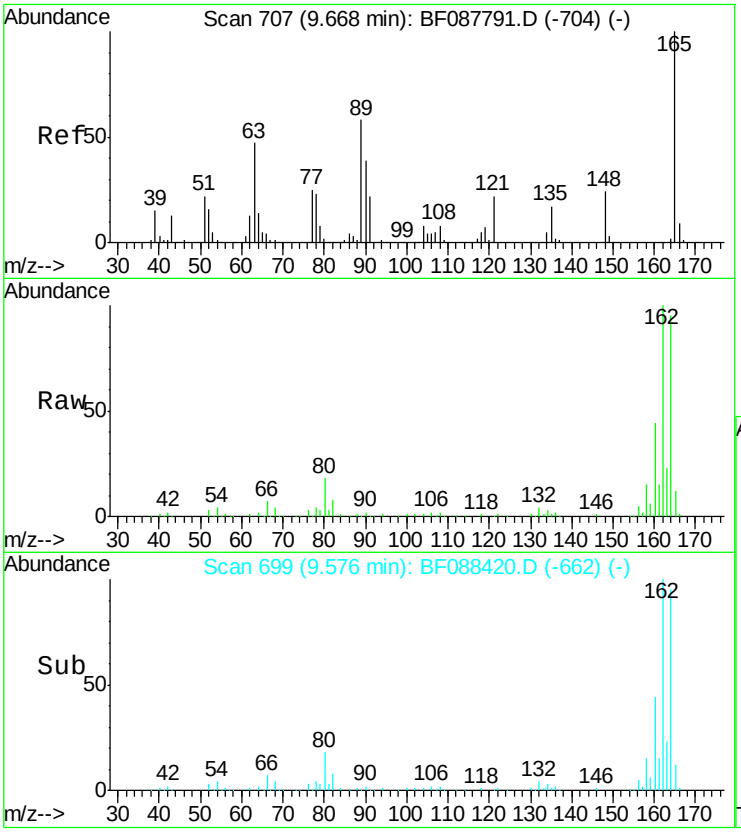


#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:163 Resp: 39244

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.8	8.3	12.5



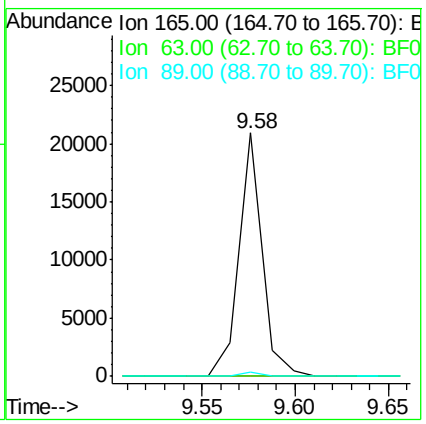


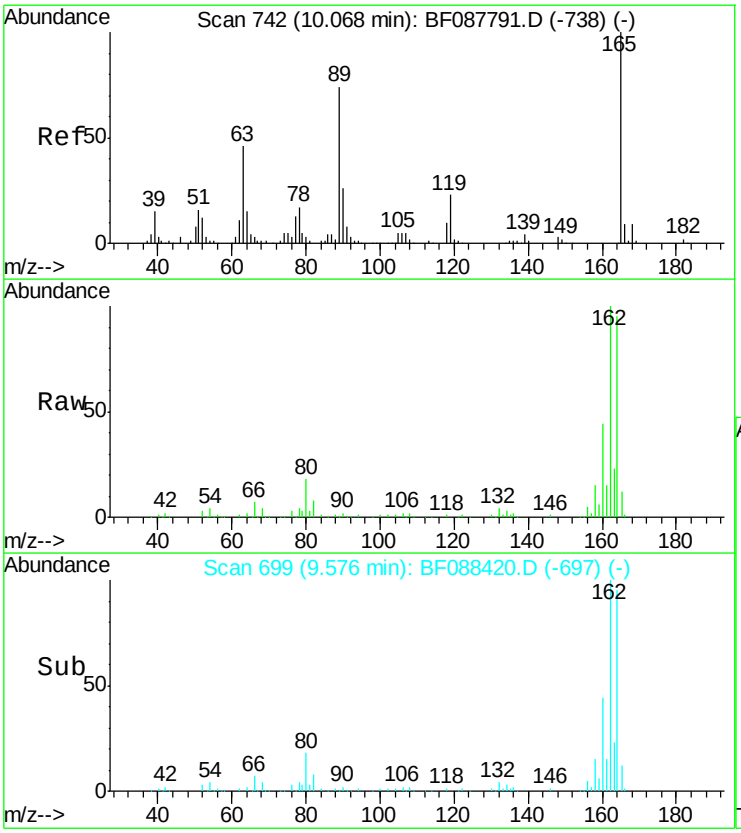
#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18229

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.5	32.2	48.2#

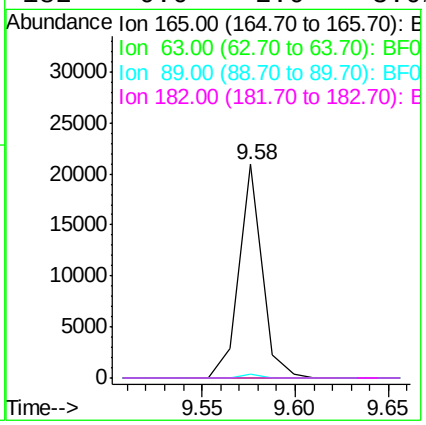


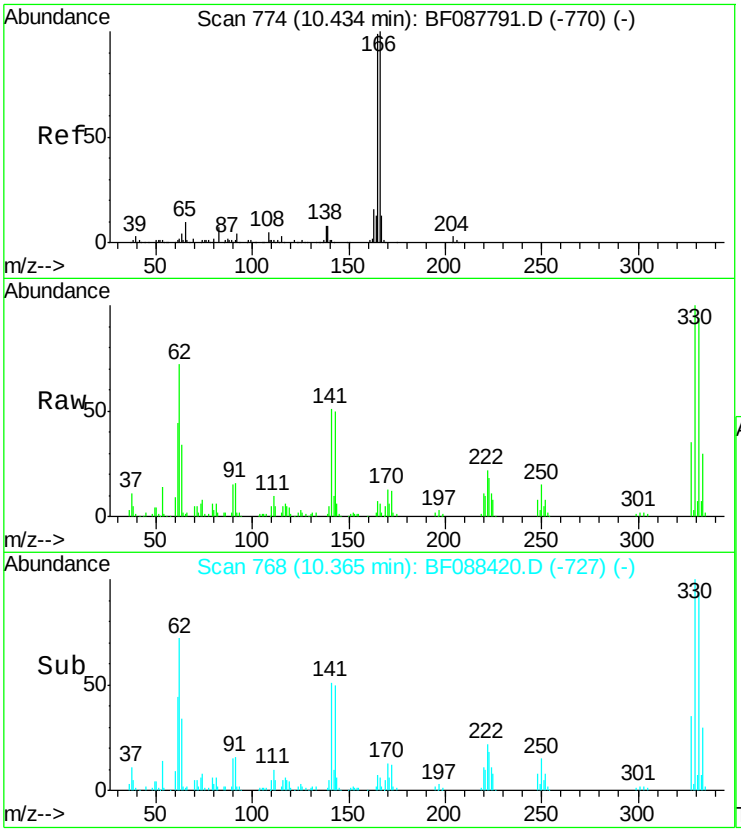


#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:165 Resp: 18229

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



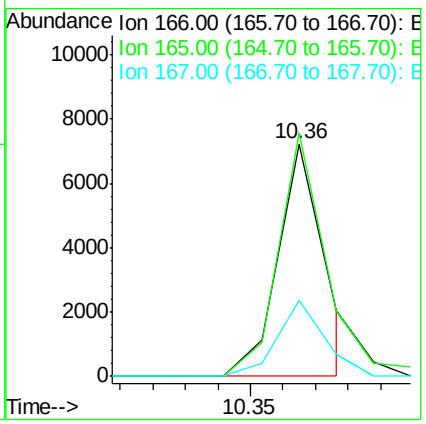


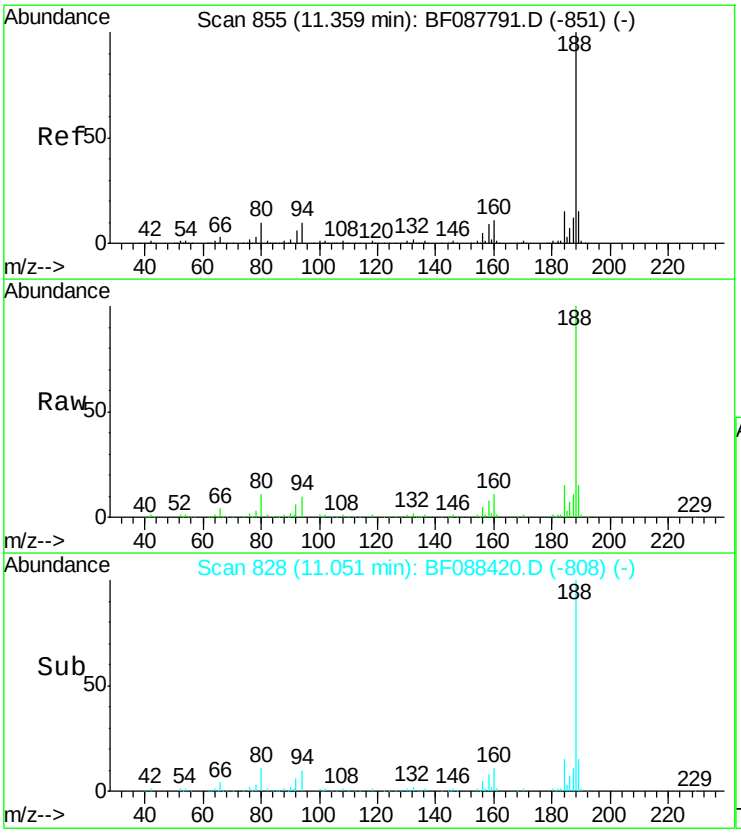
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 768
Delta R.T. 0.17 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 7126

Ion	Ratio	Lower	Upper
166	100		
165	104.9	77.8	116.8
167	32.9	11.2	16.8#

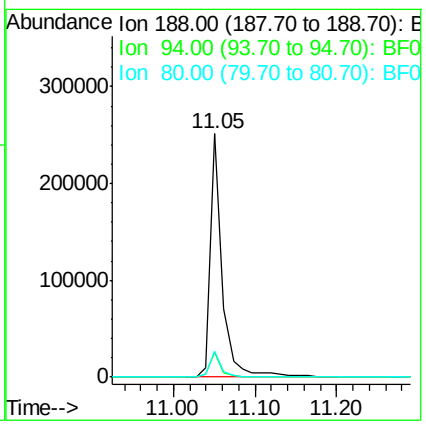


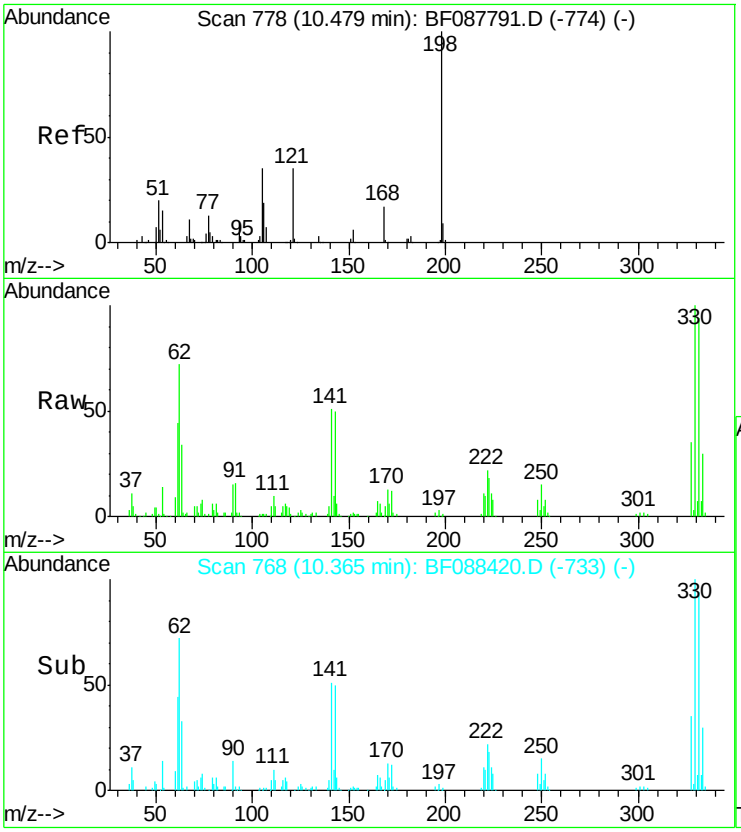


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:188 Resp: 260017

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.6
80	10.7	10.0	15.0



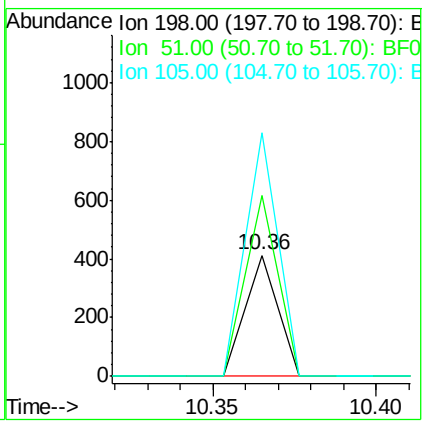


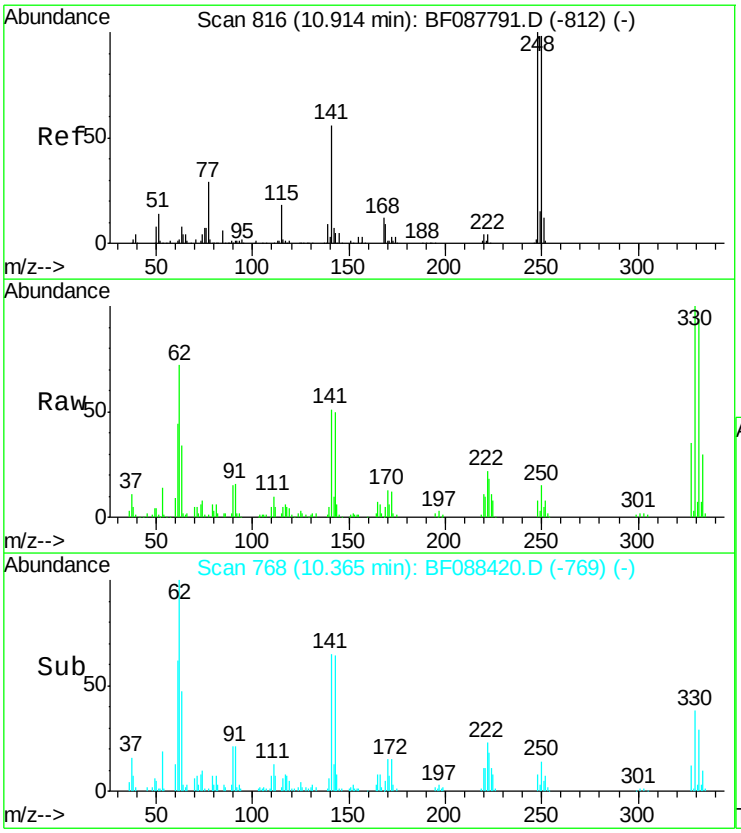
#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.10 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 283

Ion	Ratio	Lower	Upper
198	100		
51	149.3	39.6	79.6#
105	201.2	36.6	76.6#

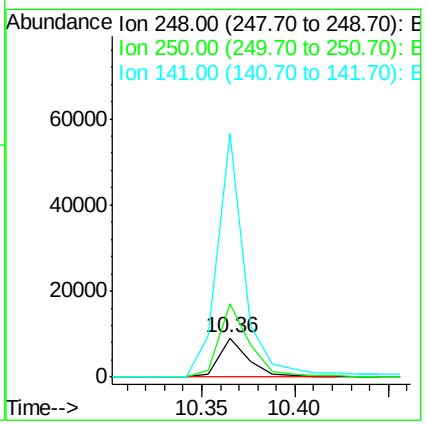


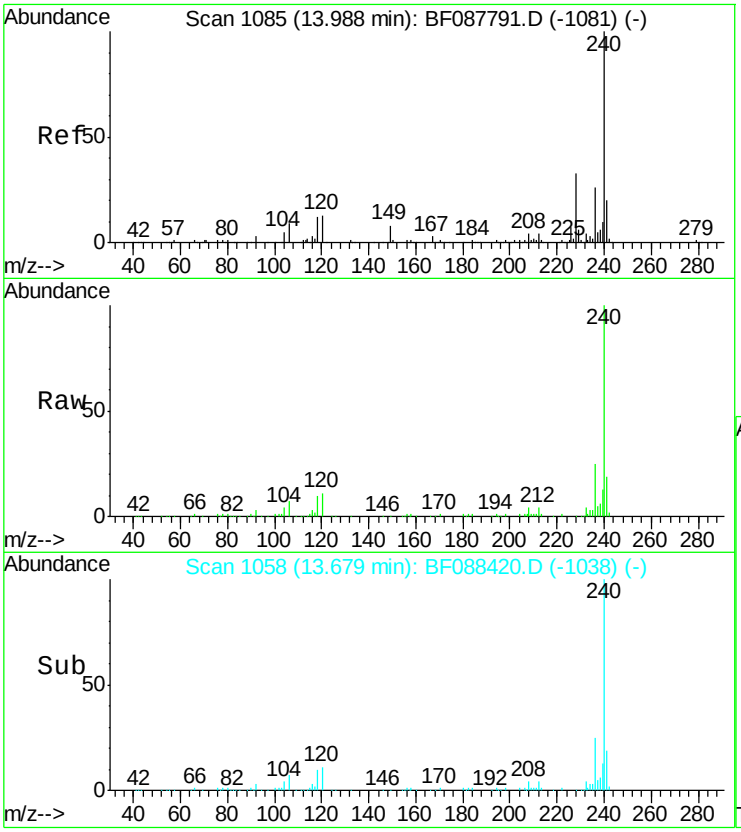


#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:248 Resp: 10000

Ion	Ratio	Lower	Upper
248	100		
250	186.7	77.1	115.7#
141	617.0	50.6	76.0#



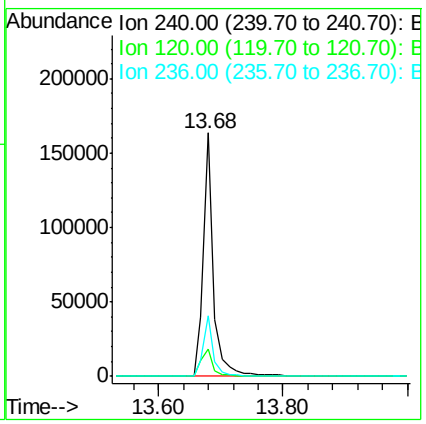


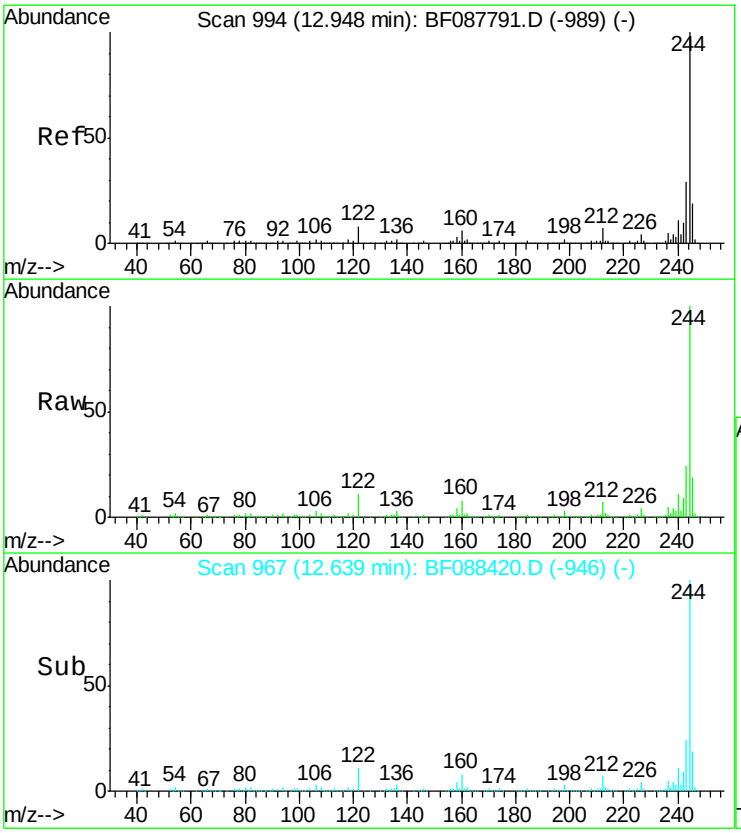
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 186645

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	24.8	20.2	30.2

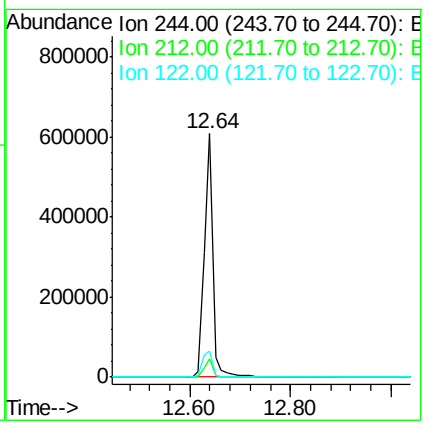


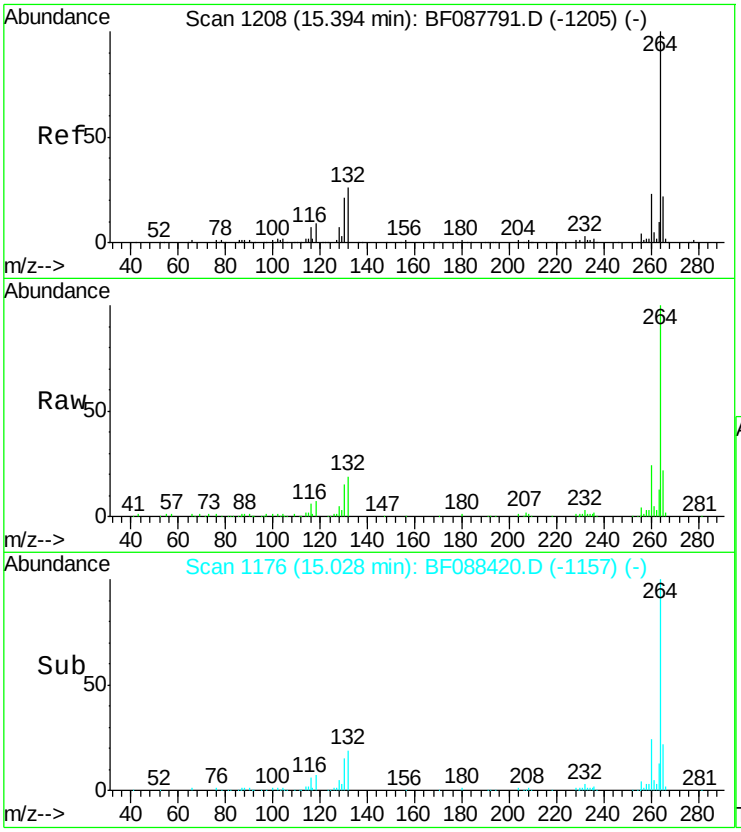


#78
Terphenyl-d14
Concen: 87.21 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Tgt Ion:244 Resp: 715310

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088420.D
Acq: 26 Jun 2016 16:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 149127

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3