Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088037.D
Acq On : 15 Jun 2016 10:08
Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Time: Jun 15 12:56:56 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 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	137045	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	543708	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	234479	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	376965	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	344259	20.00	ng		-0.02
86) Perylene-d12	15.35	264	275404	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	383517	47.84	ng		-0.01
7) Phenol-d6	6.41	99	285870	29.42	ng		-0.02
23) Nitrobenzene-d5	7.35	82	591326	63.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	188228	76.03	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1122620	74.53	ng		-0.01
78) Terphenyl-d14	12.89	244	752983	49.77	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	13643	2.18	ng	#	70
10) Phenol	6.42	94	496	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.35	70	75443	12.14	ng	#	72
25) Isophorone	7.35	82	459090	26.62	ng	#	65
45) 1,1'-Biphenyl	9.15	154	2235	Below Cal		#	1
49) Dimethylphthalate	9.54	163	64931	3.82	ng		99
50) 2,6-Dinitrotoluene	9.83	165	29779	7.66	ng	#	40
56) 2,4-Dinitrotoluene	9.83	165	29779	5.96	ng	#	38
57) Fluorene	10.36	166	361	Below Cal		#	86
64) 4,6-Dinitro-2-methylphenol	10.60	198	243	2.26	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	12274	3.04	ng	#	1

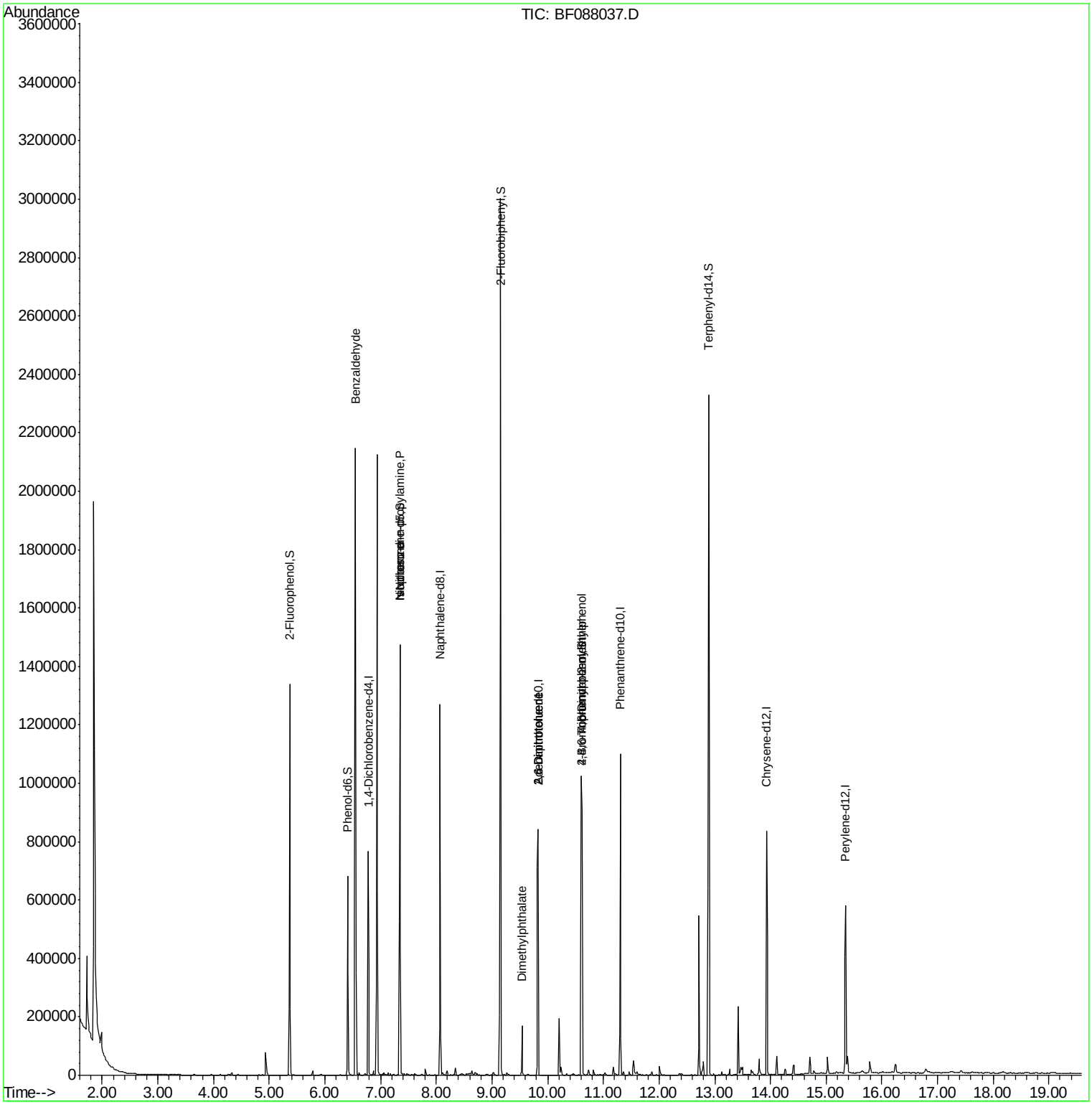
(#) = qualifier out of range (m) = manual integration (+) = signals summed

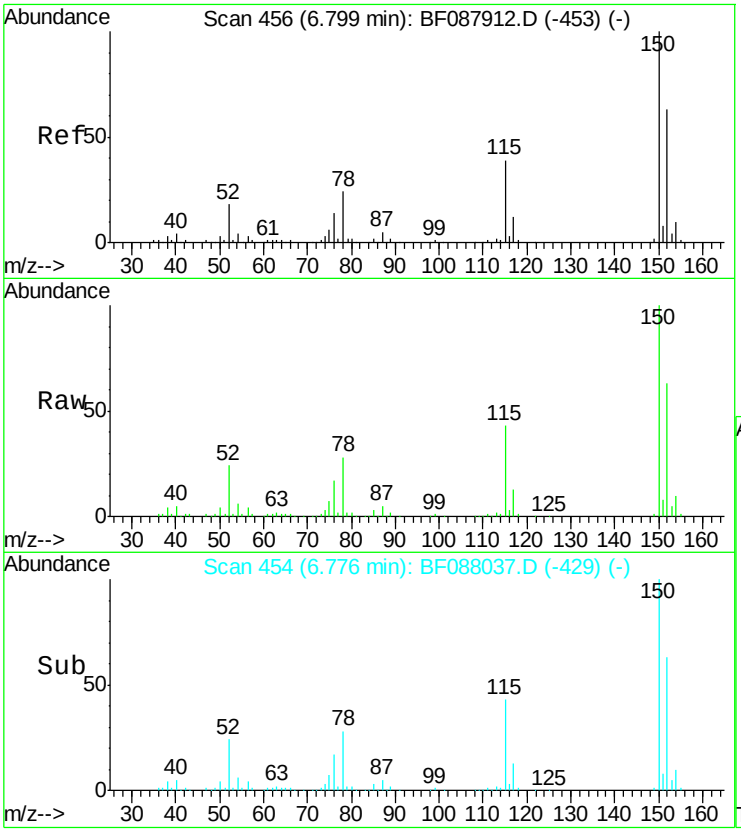
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088037.D
Acq On : 15 Jun 2016 10:08
Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Quant Time: Jun 15 12:56:56 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 14:10:49 2016
Response via : Initial Calibration



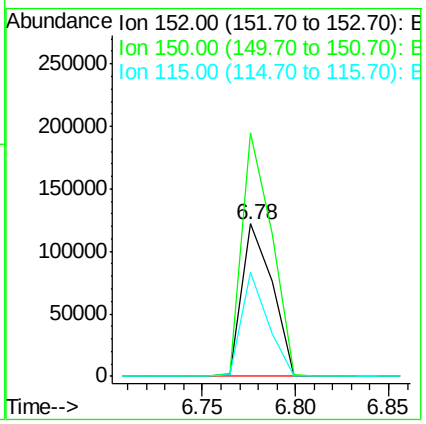


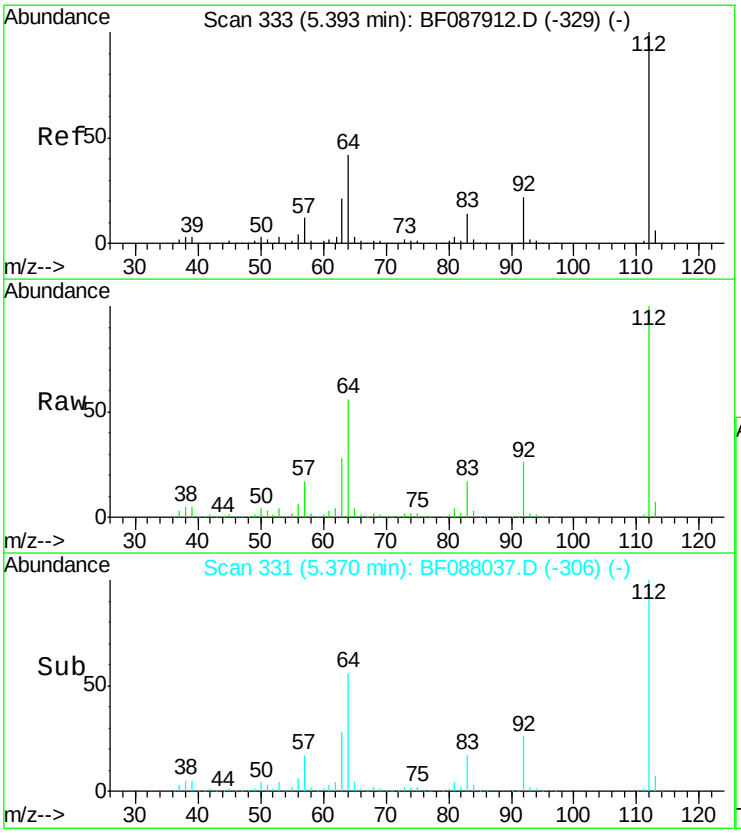
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:152 Resp: 137045

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	68.2	39.6	59.4#

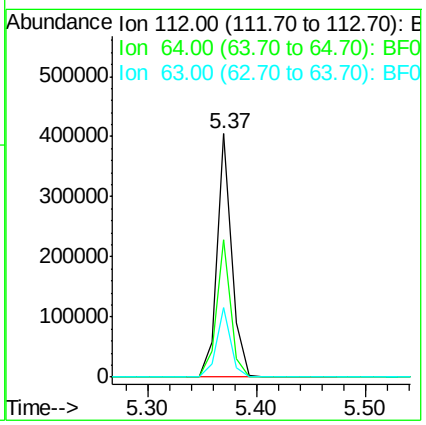


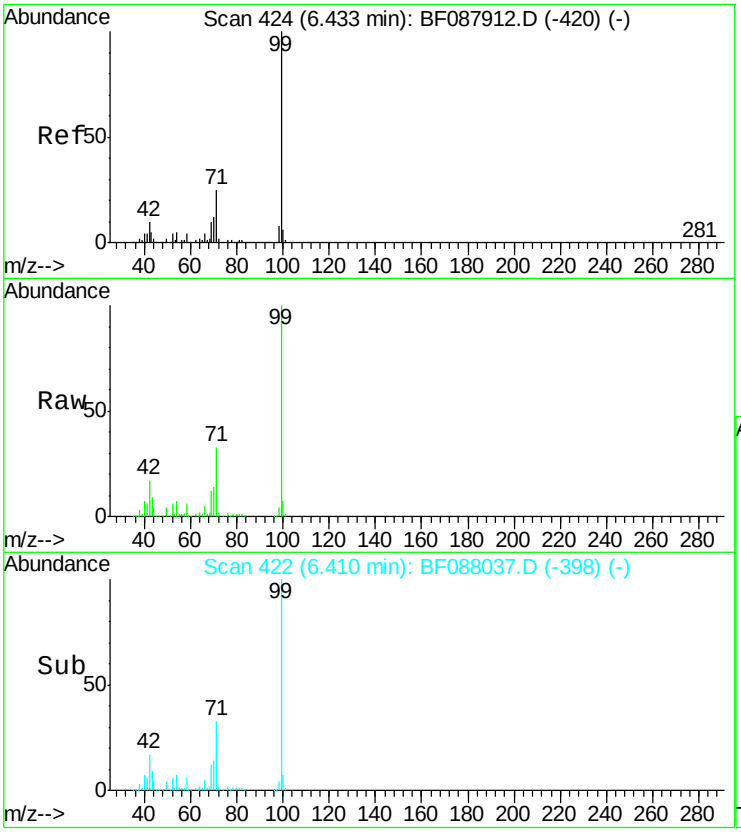


#5
2-Fluorophenol
Concen: 47.84 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:112 Resp: 383517

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.2	63.2
63	28.5	21.8	32.8



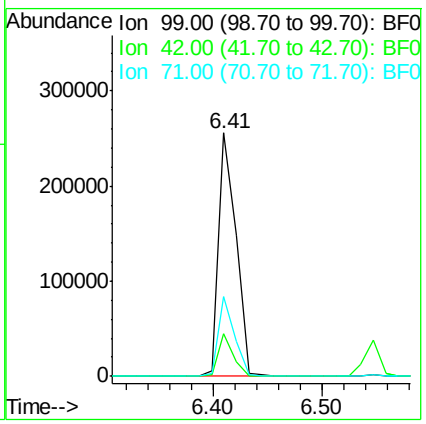


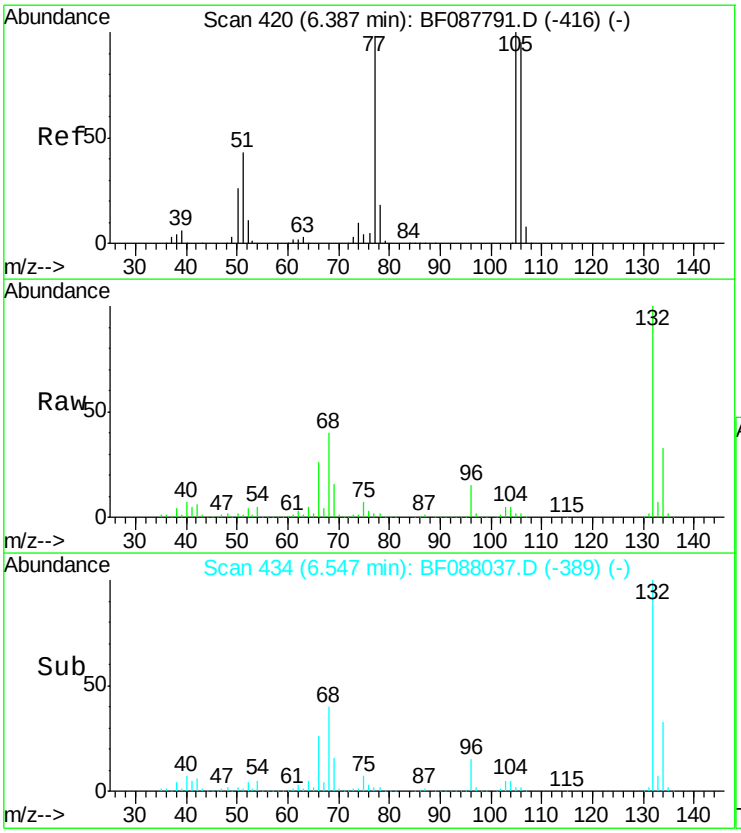
#7
Phenol-d6
Concen: 29.42 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 99 Resp: 285870

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	33.0	23.4	35.0

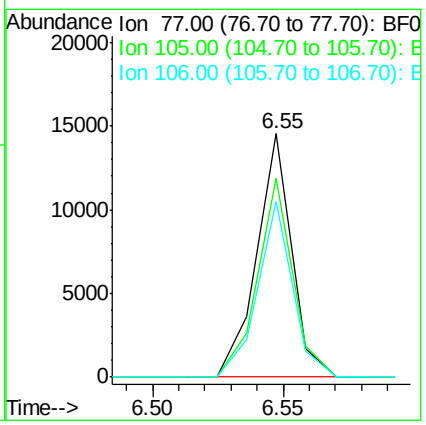


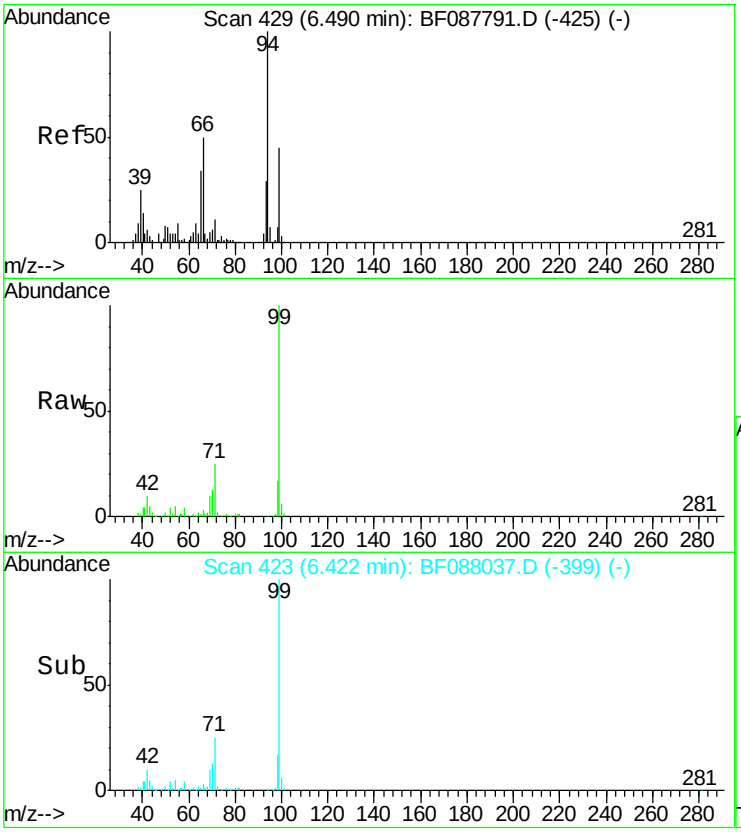


#9
Benzaldehyde
Concen: 2.18 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.22 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion: 77 Resp: 13643

Ion	Ratio	Lower	Upper
77	100		
105	81.5	90.6	130.6#
106	72.1	85.3	125.3#



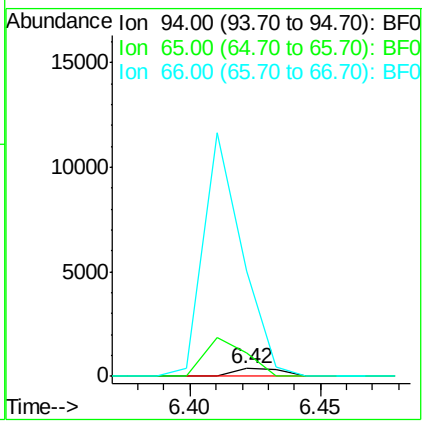


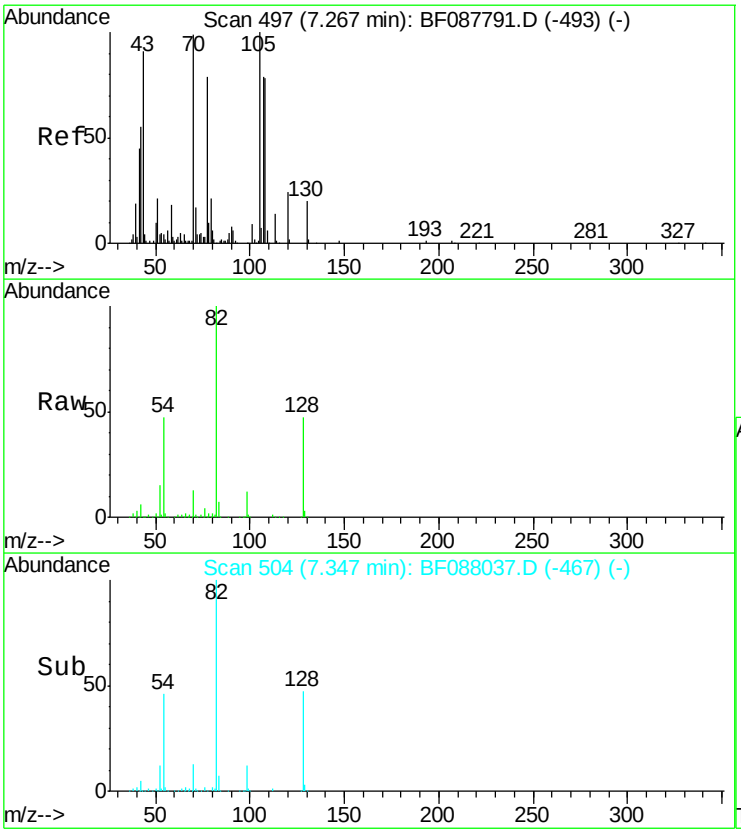
#10
Phenol
Concen: Below Cal
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
65	294.0	5.9	45.9#
66	1316.0	14.0	54.0#

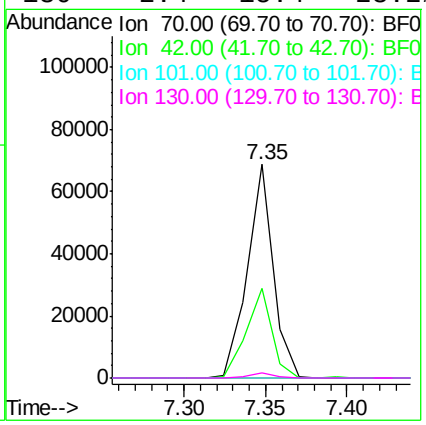


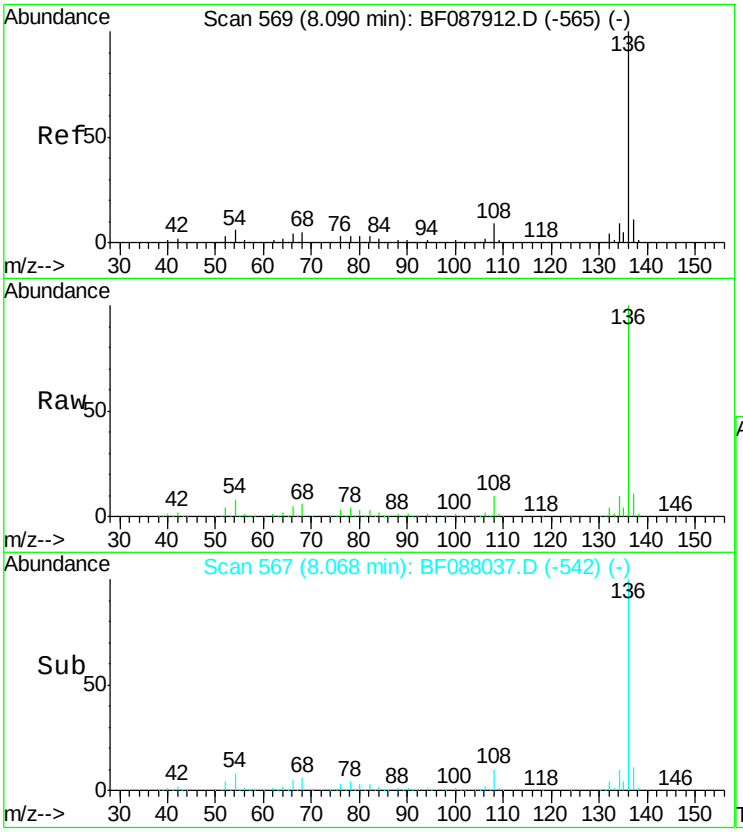


#19
n-Nitroso-di-n-propylamine
Concen: 12.14 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.13 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion: 70 Resp: 75443

Ion	Ratio	Lower	Upper
70	100		
42	42.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



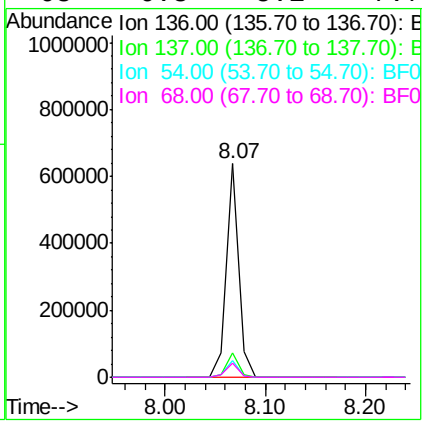


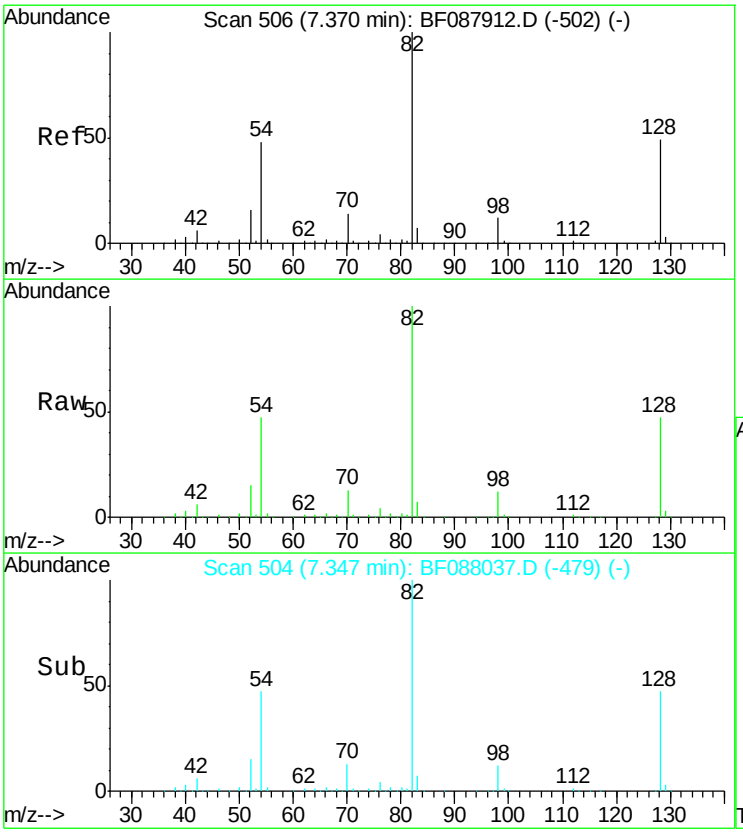
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:136 Resp: 543708

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.3	5.1	7.7

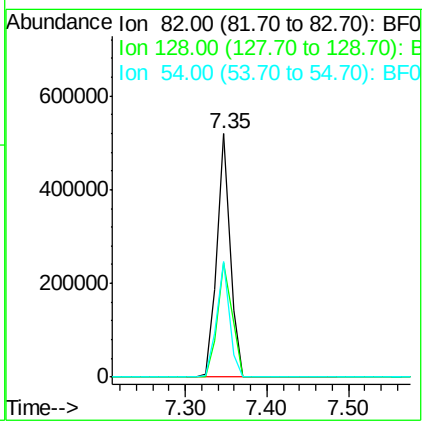


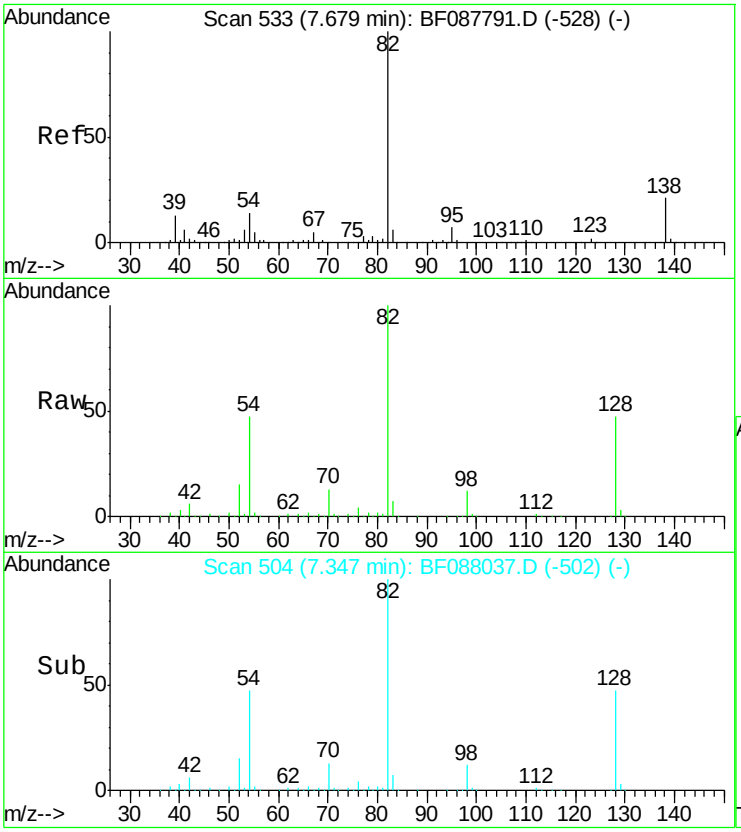


#23
Nitrobenzene-d5
Concen: 63.51 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion: 82 Resp: 591326

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.9	53.9
54	47.3	40.9	61.3



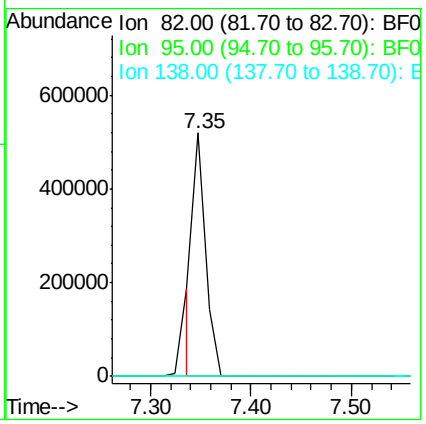


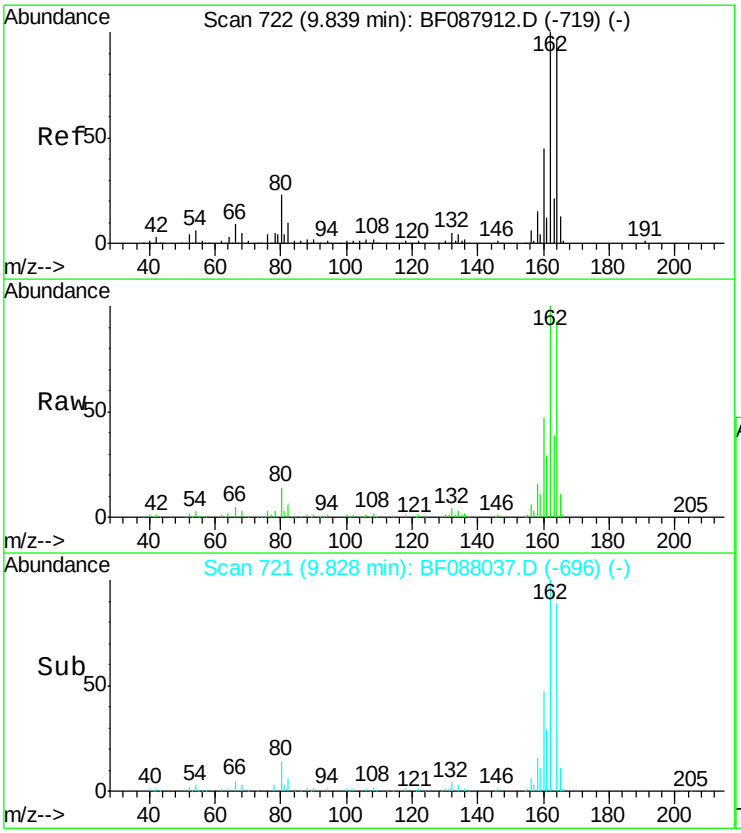
#25
Isophorone
Concen: 26.62 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.27 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion: 82 Resp: 459090

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

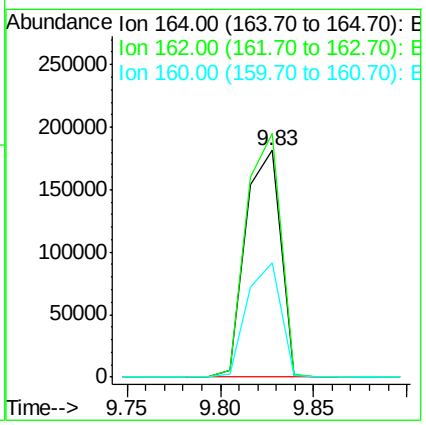


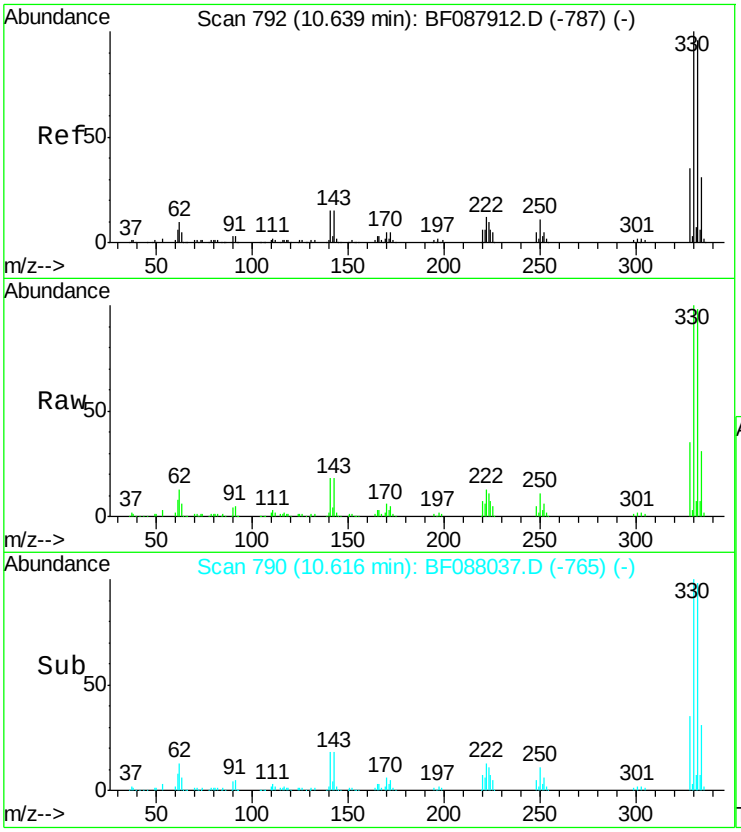


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:164 Resp: 234479

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.4	128.2
160	50.2	39.5	59.3



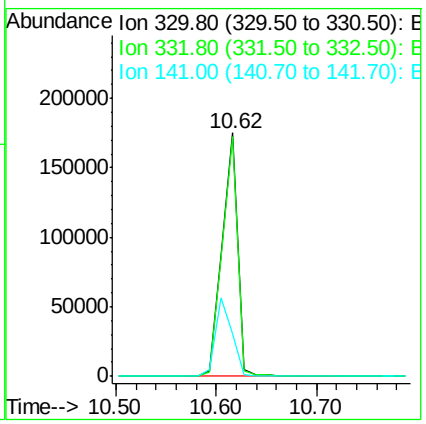


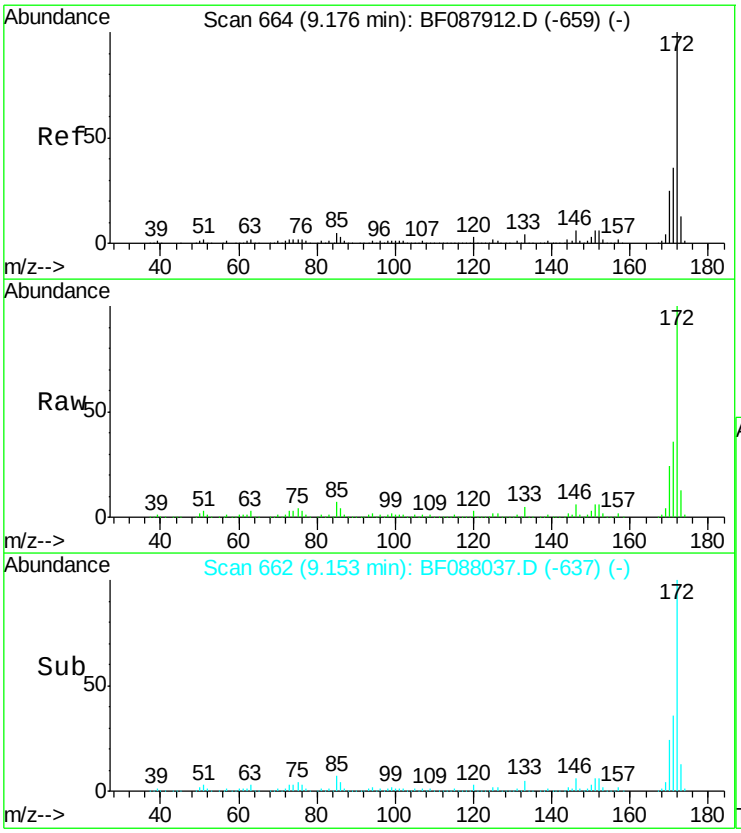
#41
2,4,6-Tribromophenol
Concen: 76.03 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:330 Resp: 188228

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	34.2	0.0	0.0#

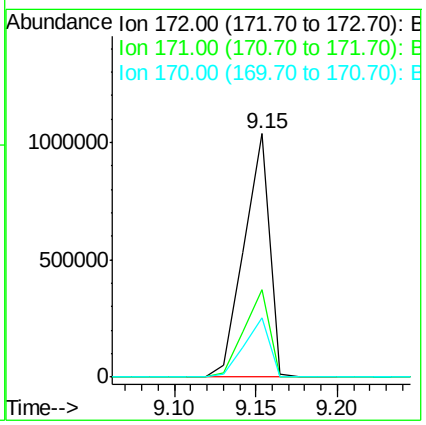


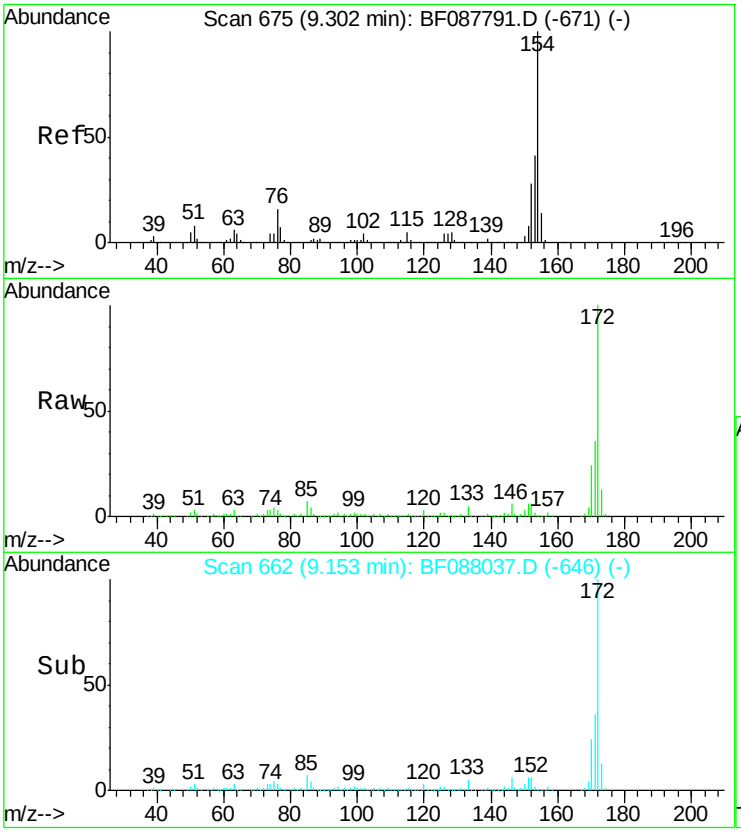


#44
2-Fluorobiphenyl
Concen: 74.53 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:172 Resp: 1122620

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.2	28.8



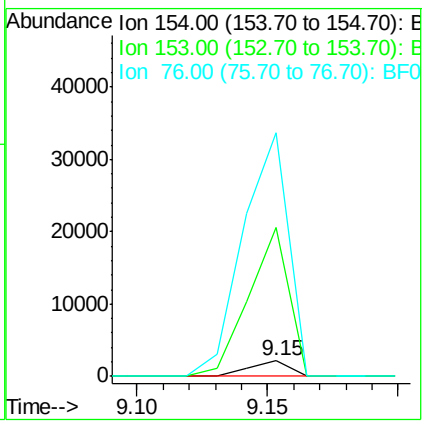


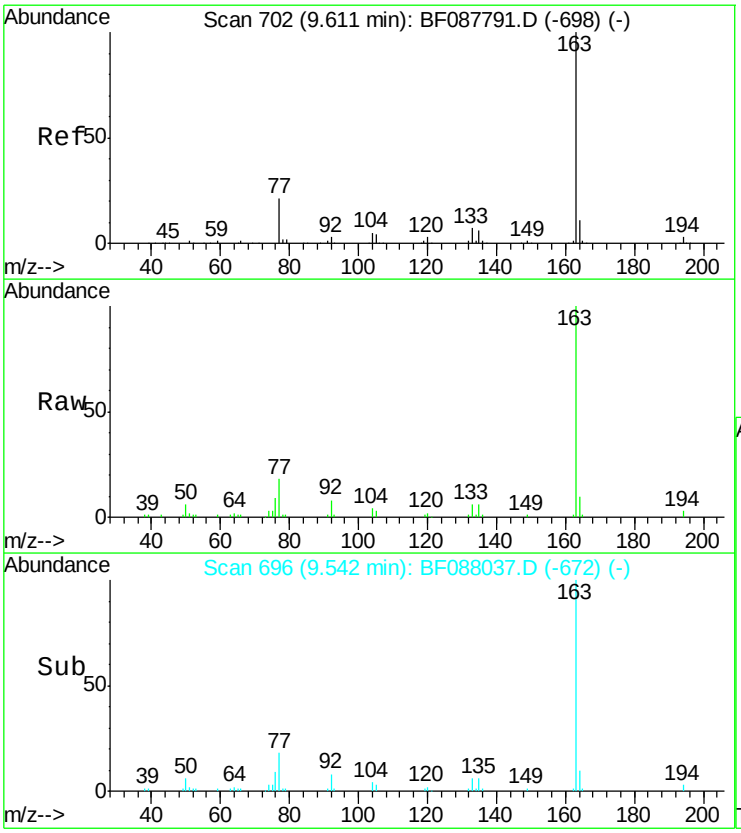
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.15 min Scan# 662
Delta R.T. -0.11 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:154 Resp: 2235

Ion	Ratio	Lower	Upper
154	100		
153	957.2	20.6	60.6#
76	1567.6	0.0	35.1#

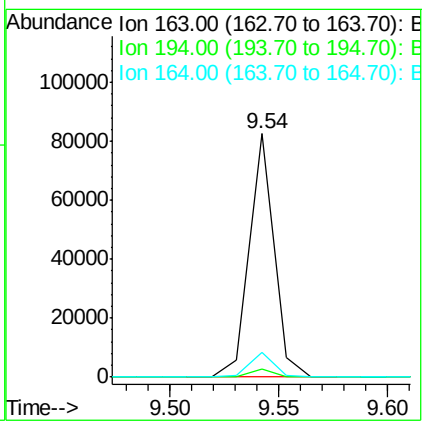


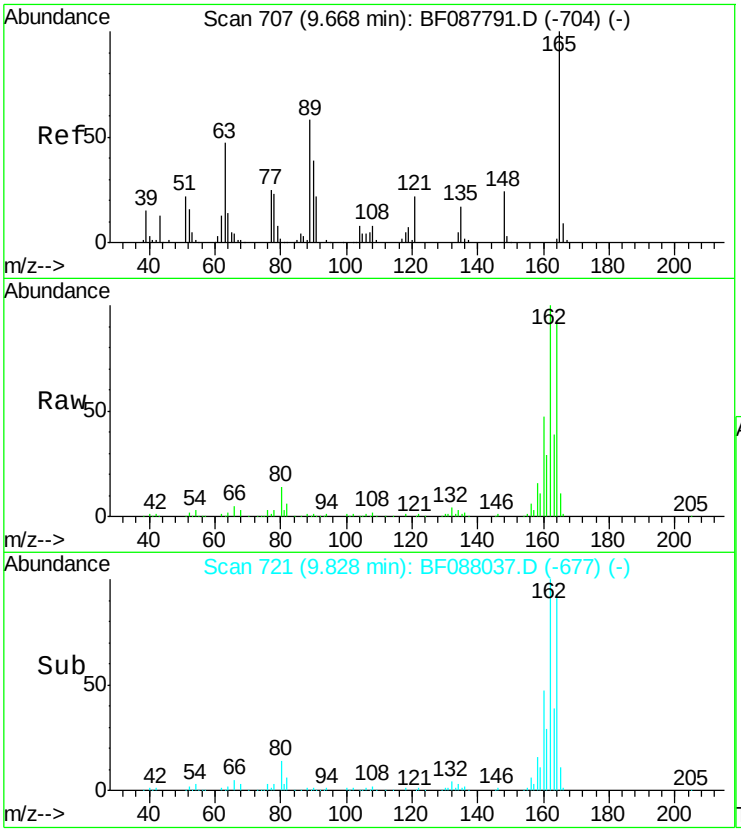


#49
Dimethylphthalate
Concen: 3.82 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:163 Resp: 64931

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.0	8.3	12.5



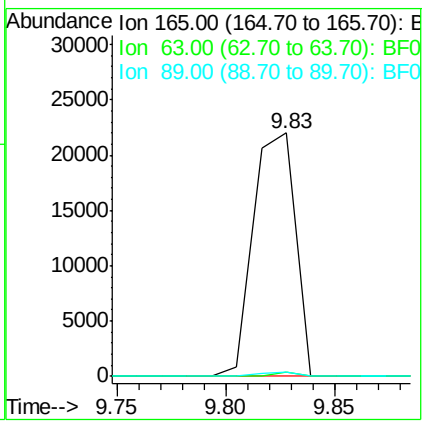


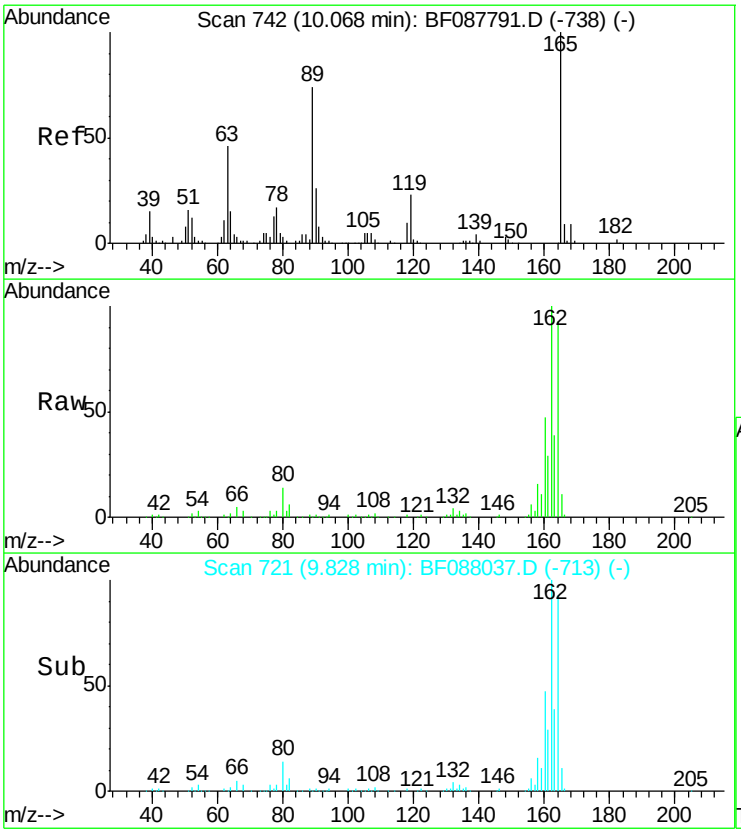
#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.21 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:165 Resp: 29779

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.9	32.2	48.2#

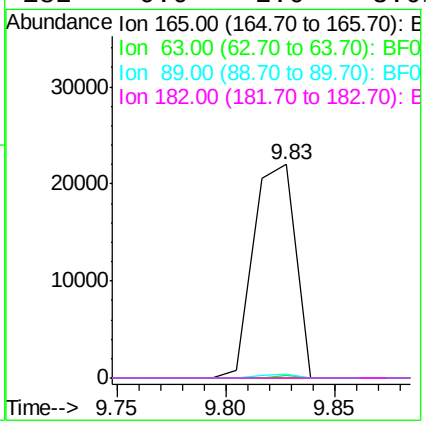


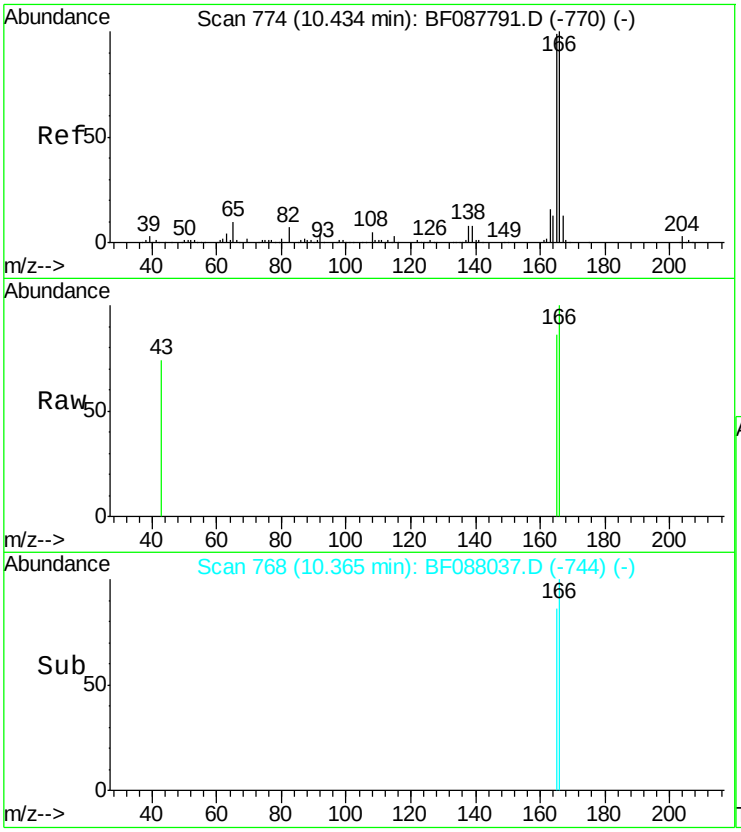


#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:165 Resp: 29779

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#



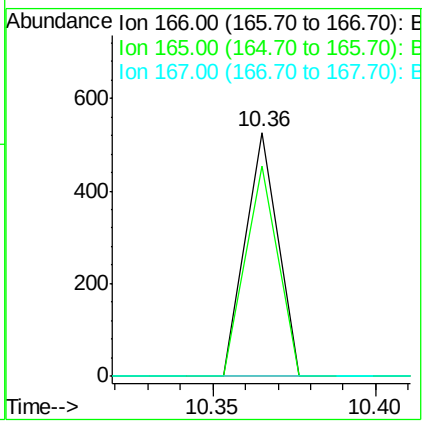


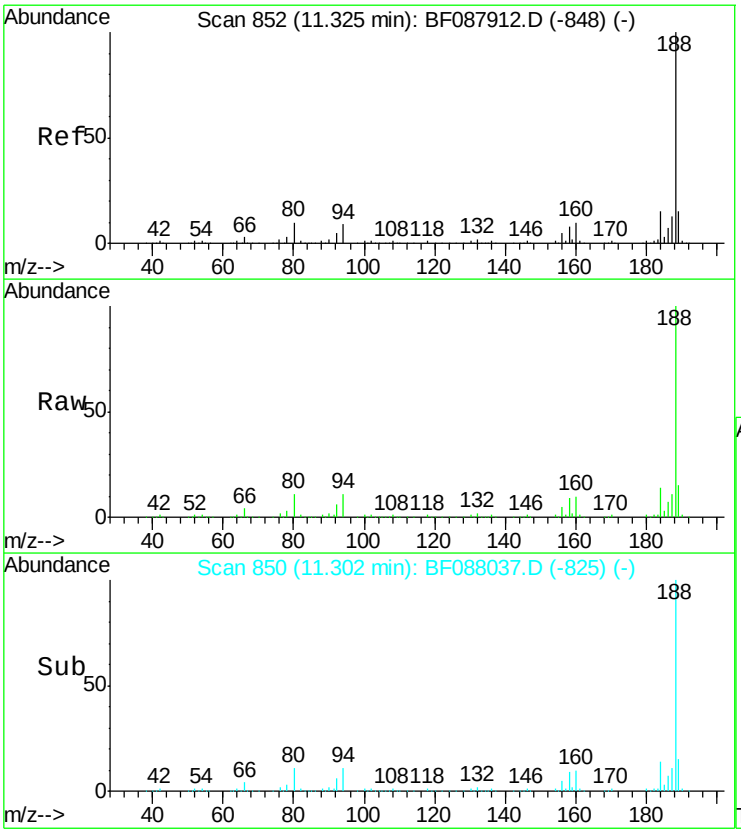
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:166 Resp: 361

Ion	Ratio	Lower	Upper
166	100		
165	86.3	77.8	116.8
167	0.0	11.2	16.8#

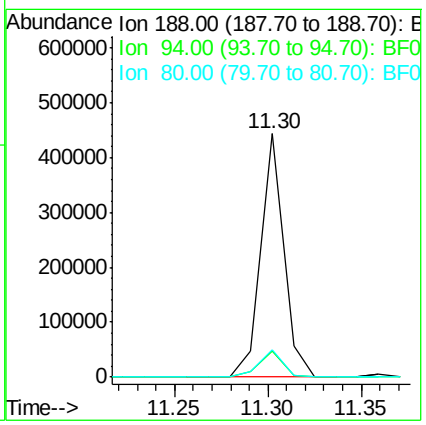


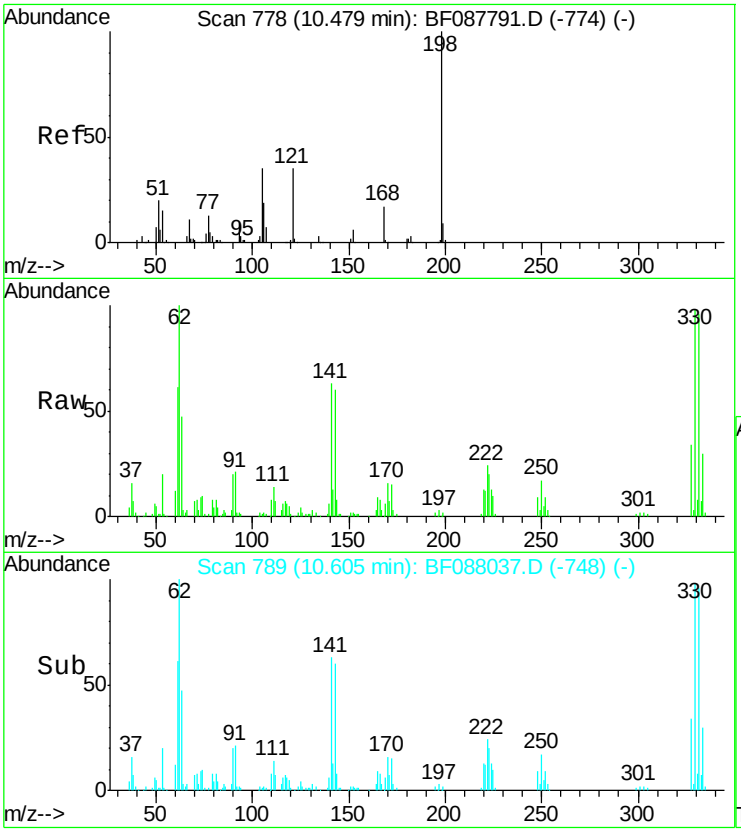


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:188 Resp: 376965

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.6
80	11.3	10.0	15.0



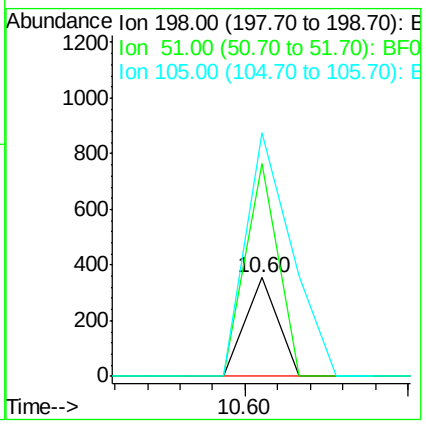


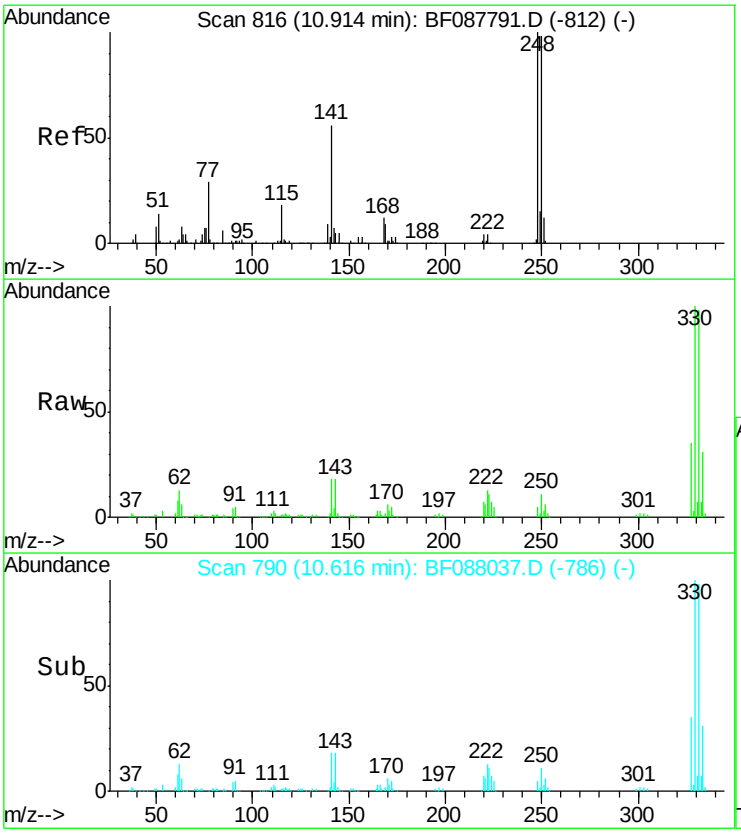
#64
4,6-Dinitro-2-methylphenol
Concen: 2.26 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.17 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:198 Resp: 243

Ion	Ratio	Lower	Upper
198	100		
51	215.2	39.6	79.6#
105	246.5	36.6	76.6#

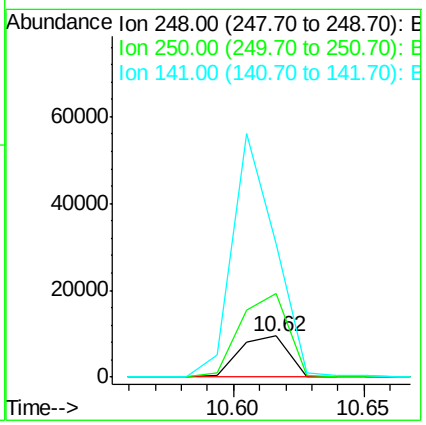


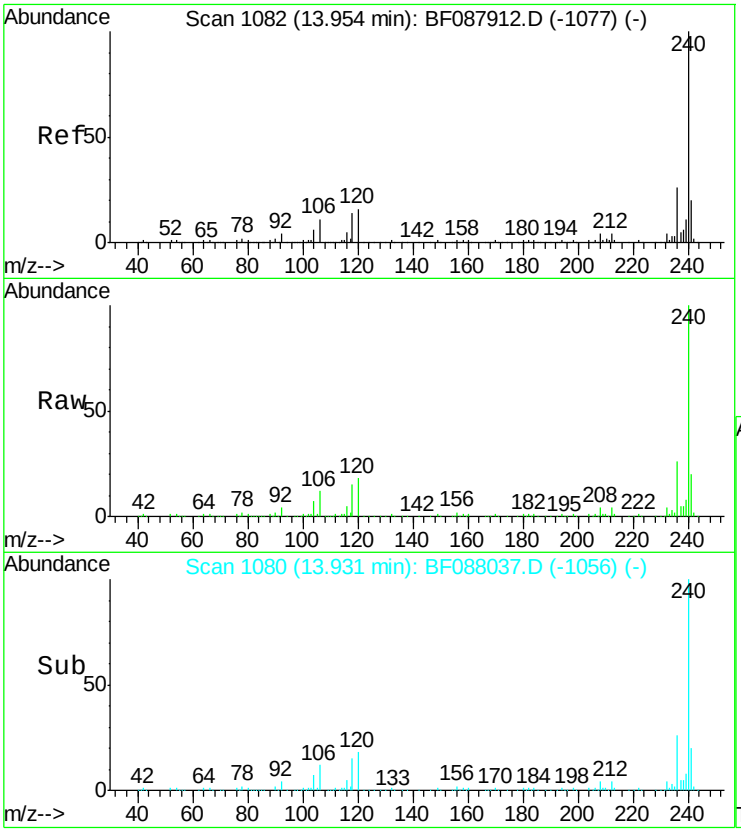


#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.25 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:248 Resp: 12274

Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.1	115.7#
141	324.1	50.6	76.0#



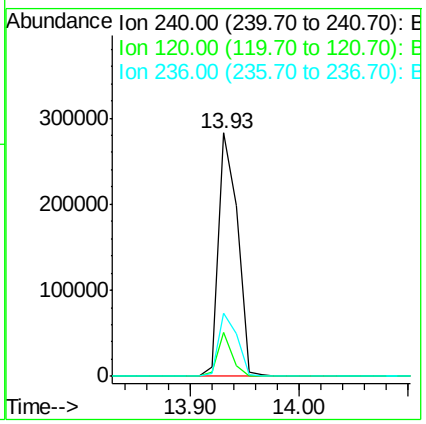


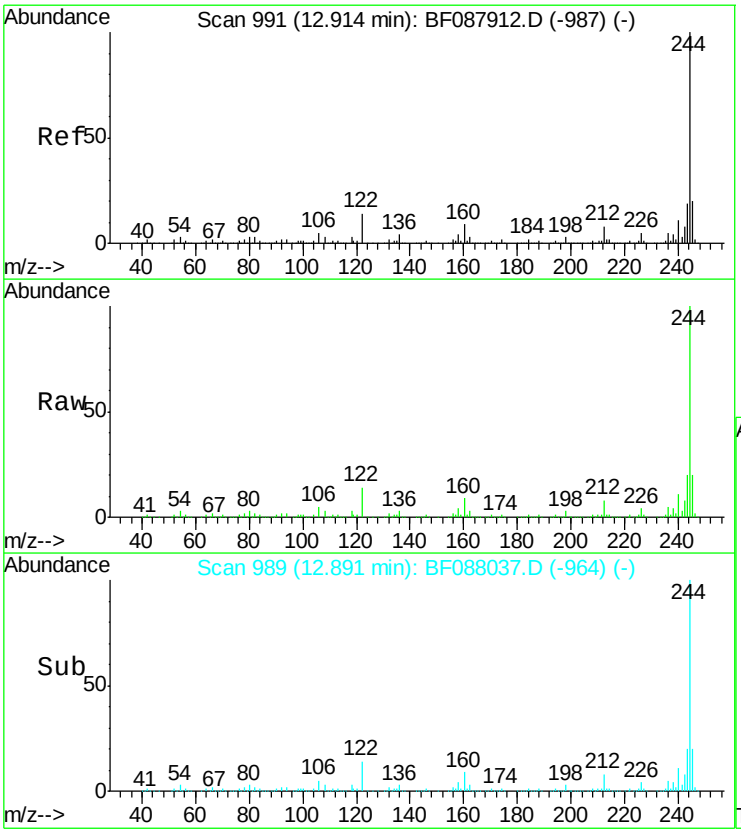
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:240 Resp: 344259

Ion	Ratio	Lower	Upper
240	100		
120	17.8	6.8	10.2#
236	25.8	20.2	30.2

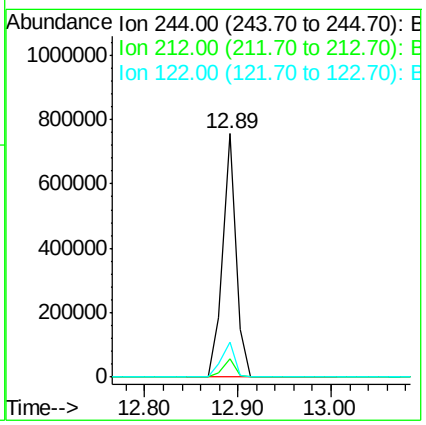


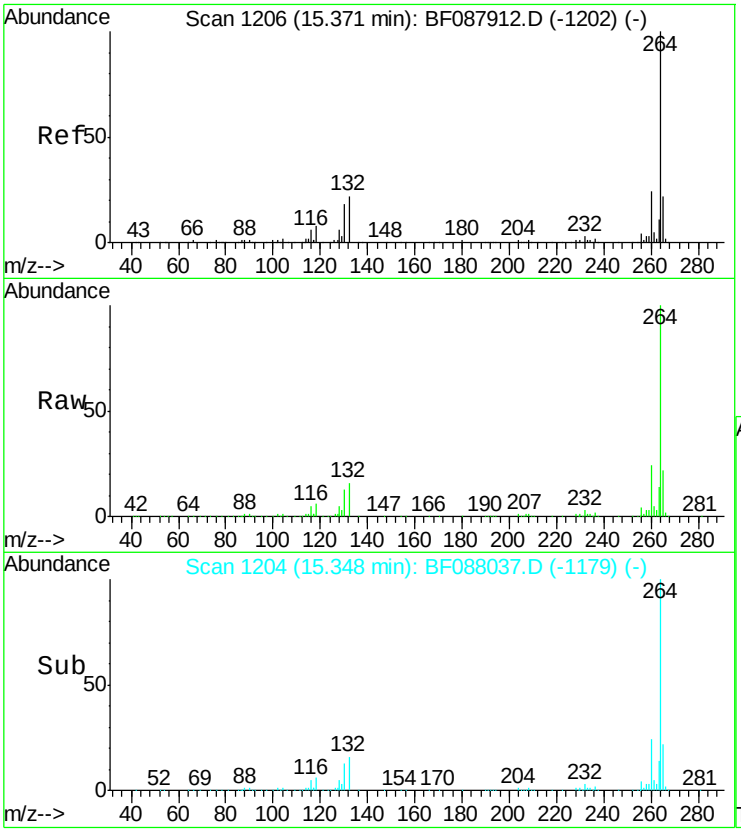


#78
Terphenyl-d14
Concen: 49.77 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Tgt Ion:244 Resp: 752983

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088037.D
Acq: 15 Jun 2016 10:08

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Tgt Ion:264 Resp: 275404

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	16.9	25.3