Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Time: Jun 09 07:35:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106570	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	410077	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	161329	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	247148	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	232096	20.00	ng		0.00
86) Perylene-d12	15.42	264	172891	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	767757	123.16	ng		0.00
7) Phenol-d6	6.46	99	947287	125.39	ng		-0.02
23) Nitrobenzene-d5	7.39	82	588567	83.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	179220	105.21	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	927771	90.71	ng		-0.01
78) Terphenyl-d14	12.94	244	613824	60.18	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	4379	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.39	70	77939	16.13	ng	#	71
45) 1,1'-Biphenyl	9.29	154	468	Below Cal		#	43
49) Dimethylphthalate	9.59	163	144415	12.36	ng		99
56) 2,4-Dinitrotoluene	9.87	165	20698	6.02	ng	#	37
57) Fluorene	10.41	166	3534	Below Cal		#	95
64) 4,6-Dinitro-2-methylphenol	10.65	198	228	2.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	9516	3.59	ng	#	1
70) Phenanthrene	11.37	178	61898	4.77	ng		98
74) Fluoranthene	12.56	202	83934	6.13	ng		98
77) Pyrene	12.79	202	75043	4.36	ng		98
80) Benzo(a)anthracene	13.98	228	43250	3.27	ng	#	94
82) Chrysene	13.98	228	43250	3.48	ng		94
87) Benzo(b)fluoranthene	15.01	252	48255	4.00	ng	#	90
88) Benzo(k)fluoranthene	15.01	252	48255	5.31	ng		95
89) Benzo(a)pyrene	15.35	252	23325	2.39	ng		95

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

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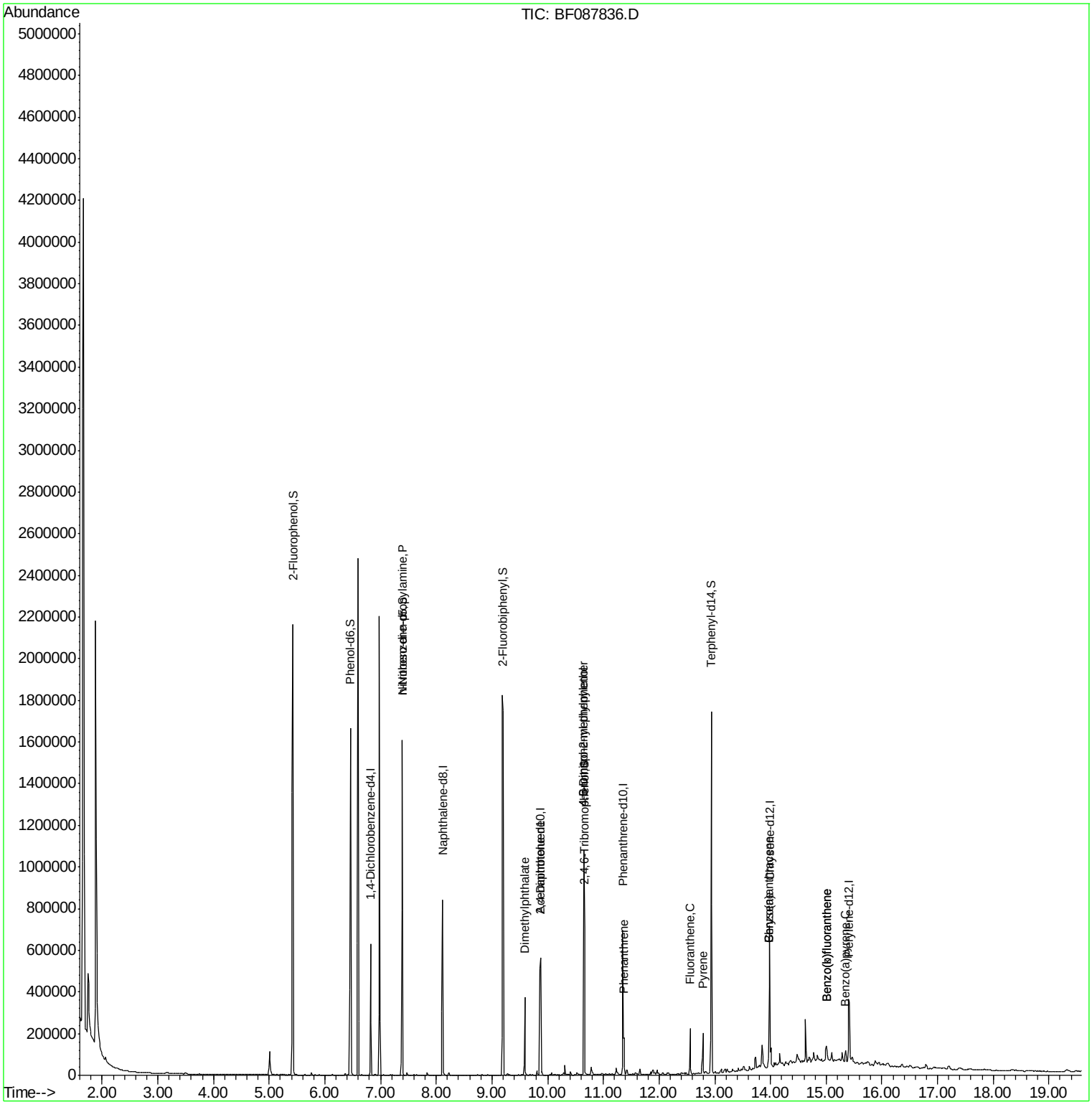
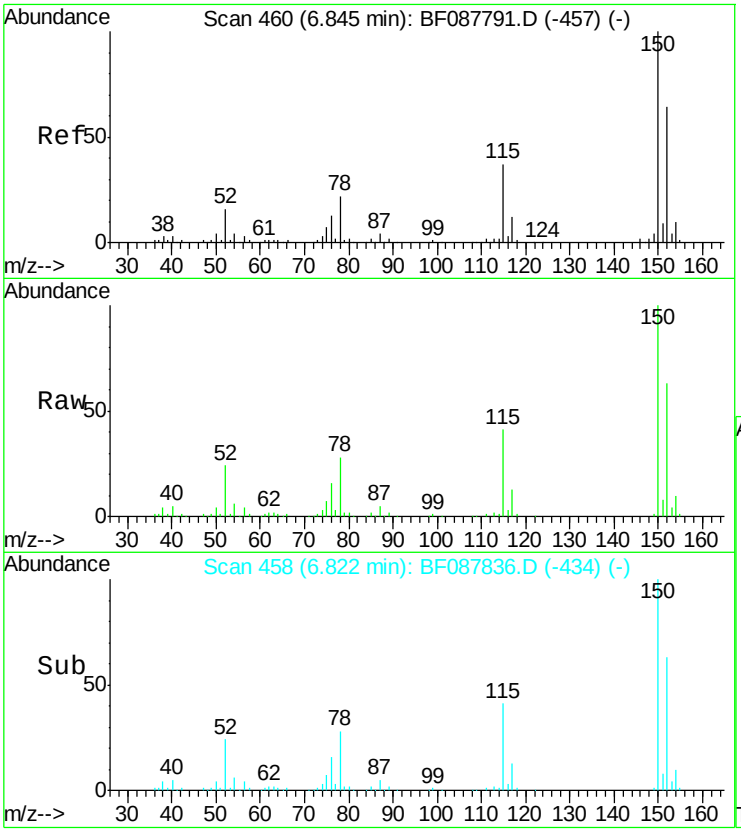


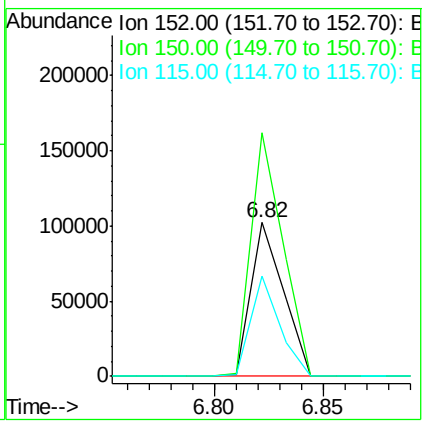


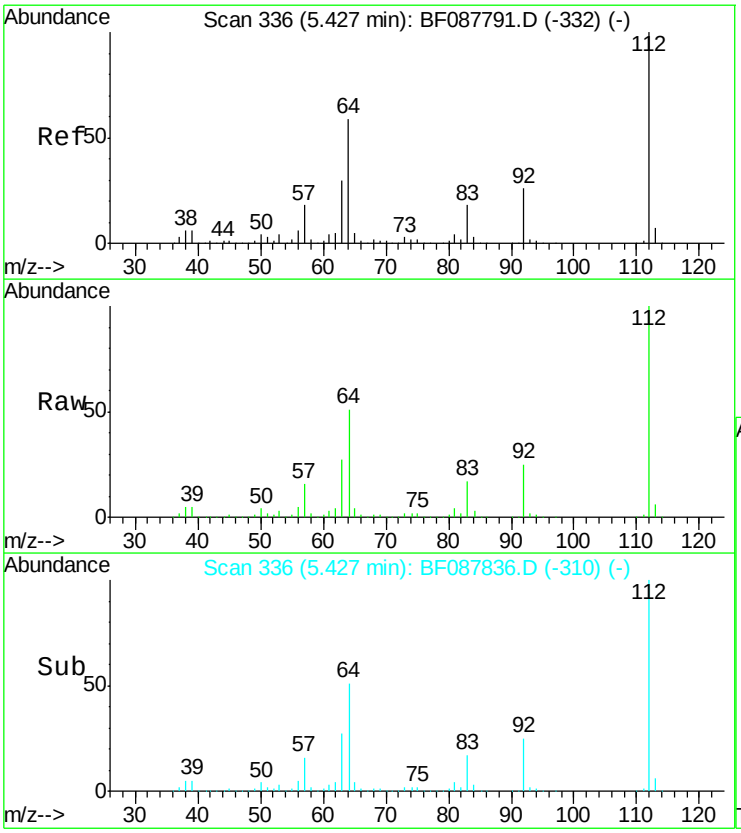
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:152 Resp: 106570

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	65.1	39.6	59.4#

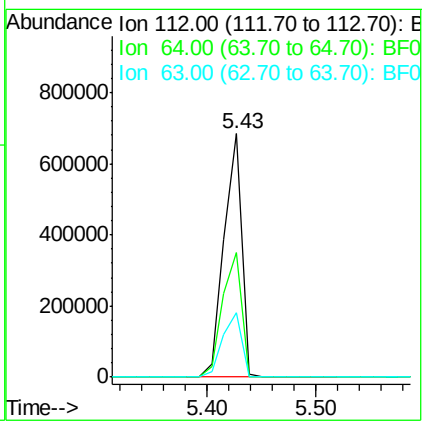


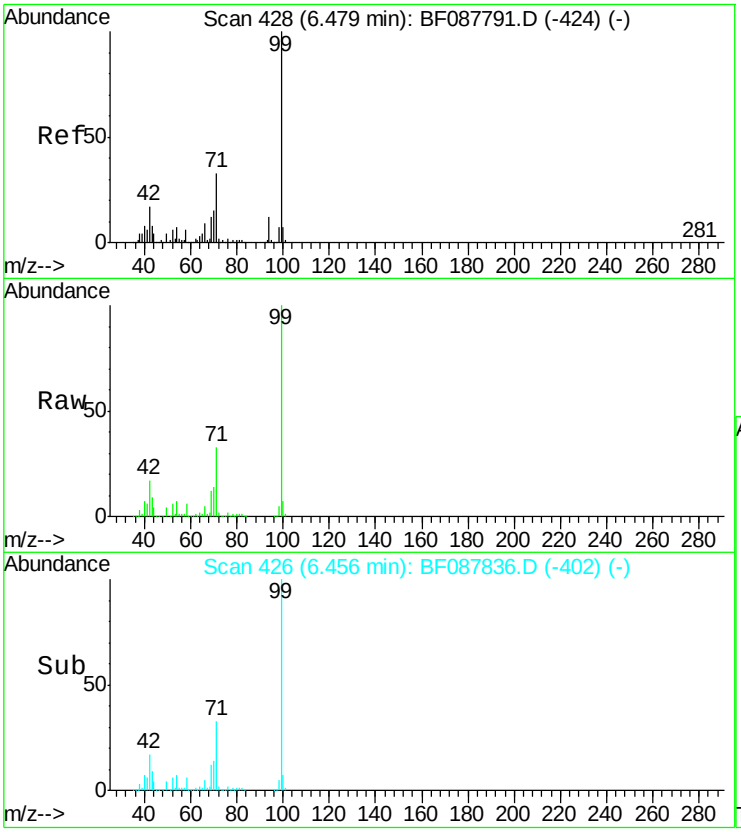


#5
2-Fluorophenol
Concen: 123.16 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.00 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:112 Resp: 767757

Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.2	63.2
63	26.7	21.8	32.8



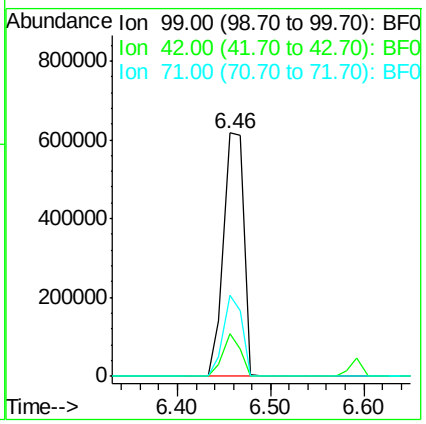


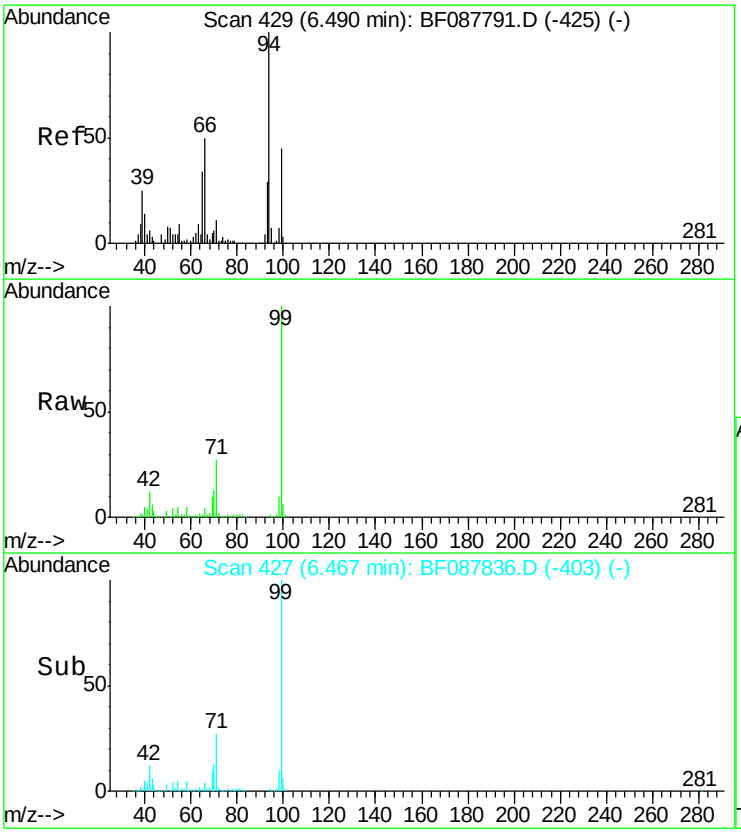
#7
Phenol-d6
Concen: 125.39 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion: 99 Resp: 947287

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	33.3	23.4	35.0

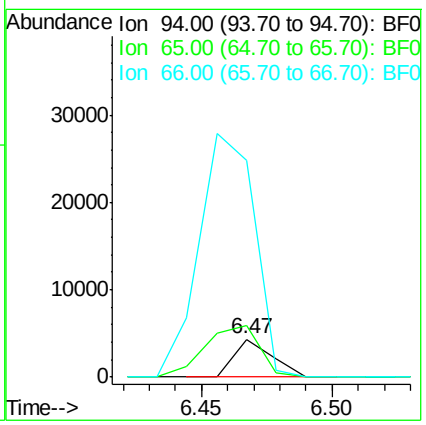


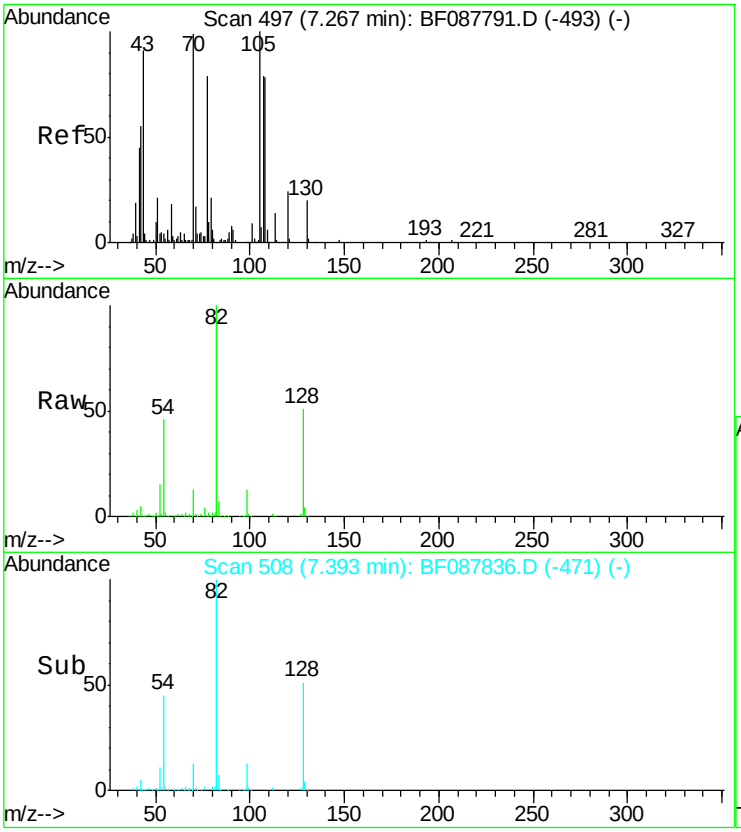


#10
Phenol
Concen: Below Cal
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion: 94 Resp: 4379

Ion	Ratio	Lower	Upper
94	100		
65	136.1	5.9	45.9#
66	573.4	14.0	54.0#



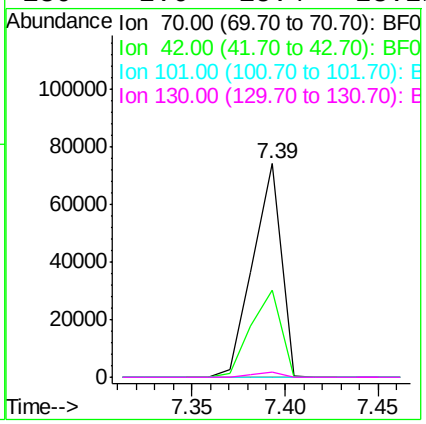


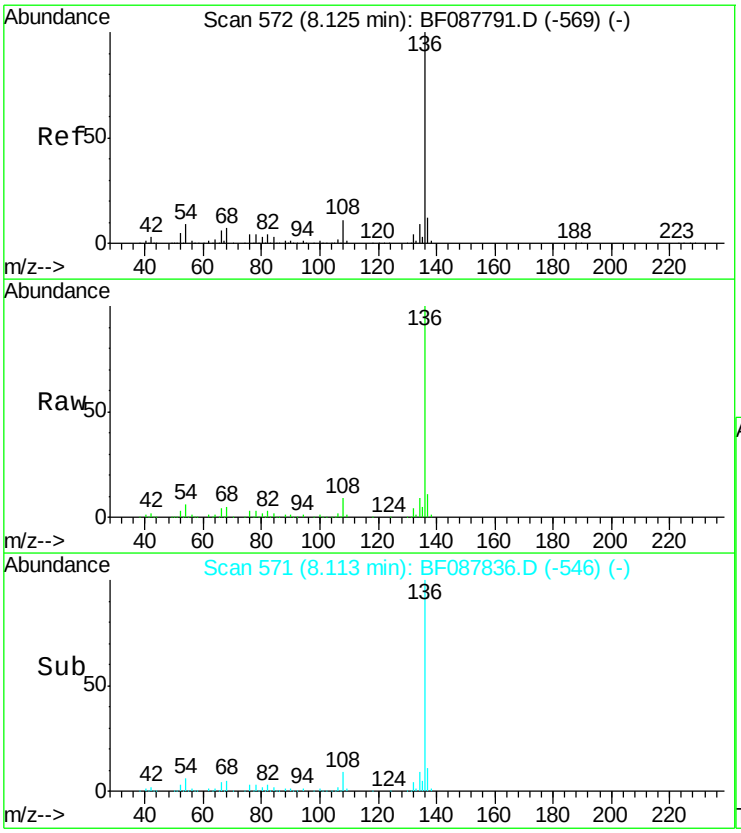
#19
n-Nitroso-di-n-propylamine
Concen: 16.13 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.13 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion: 70 Resp: 77939

Ion	Ratio	Lower	Upper
70	100		
42	40.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#

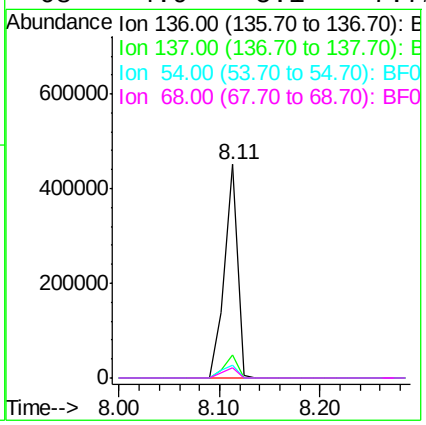


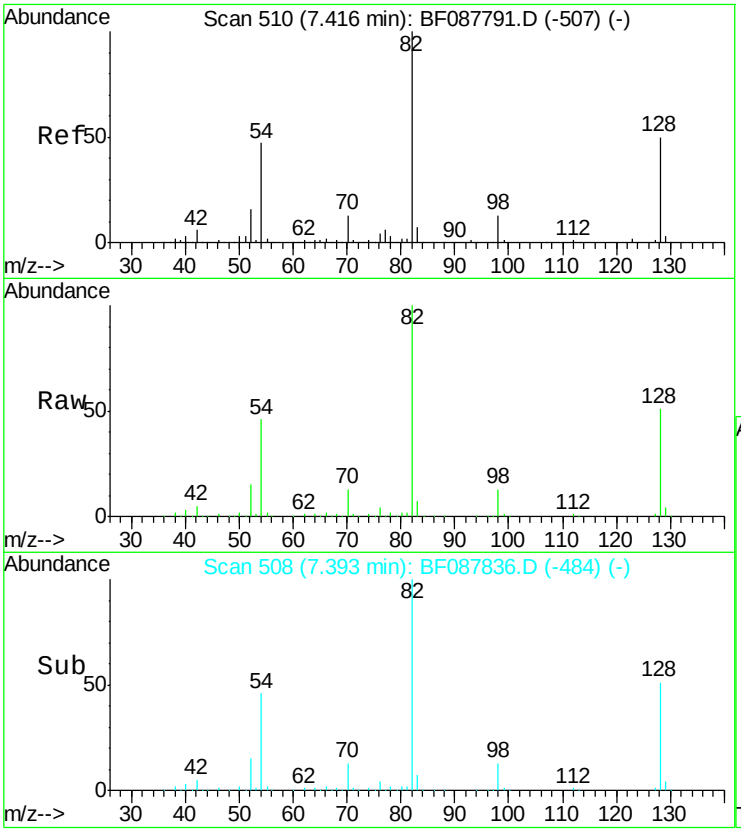


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:136 Resp: 410077

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.8	6.6	10.0#
68	4.9	5.1	7.7#



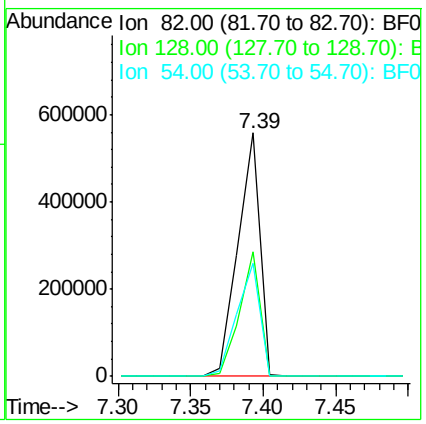


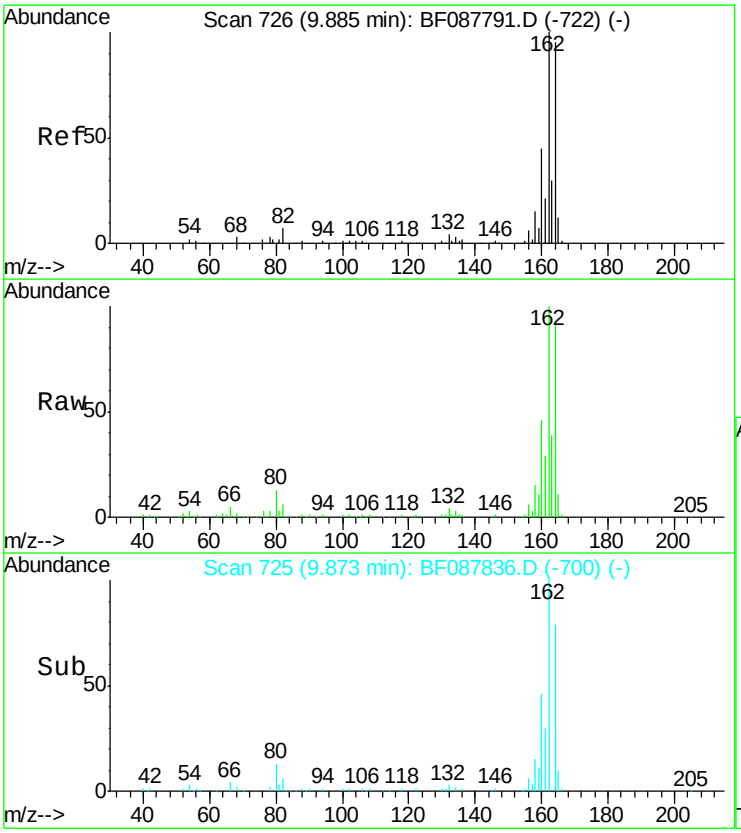
#23
Nitrobenzene-d5
Concen: 83.81 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion: 82 Resp: 588567

Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.9	53.9
54	46.4	40.9	61.3

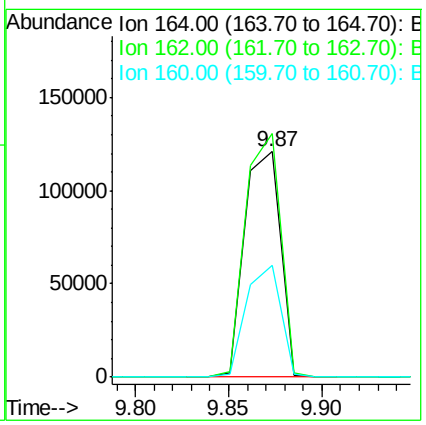


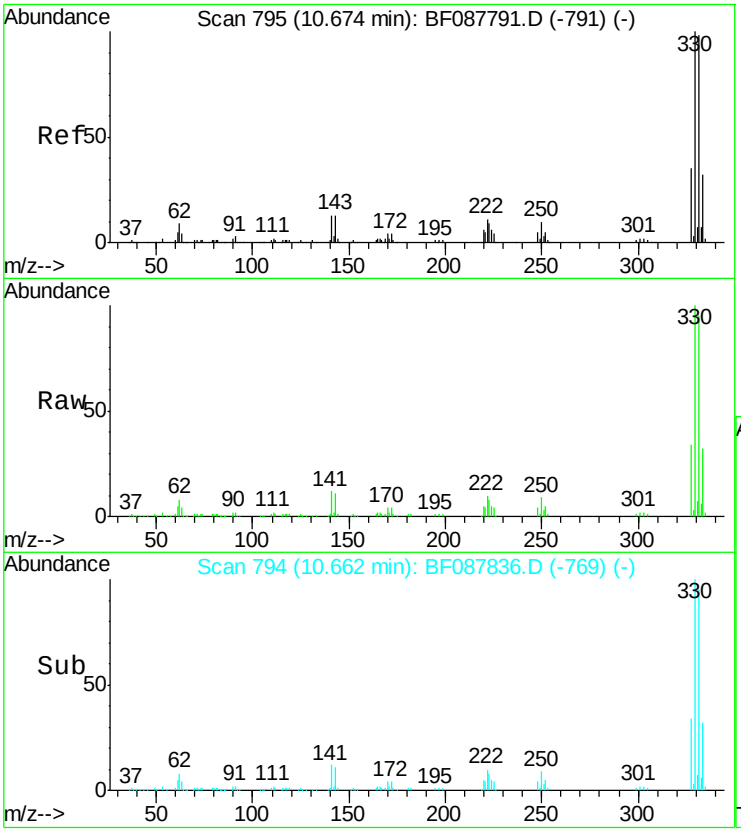


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:164 Resp: 161329

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.4	128.2
160	49.8	39.5	59.3



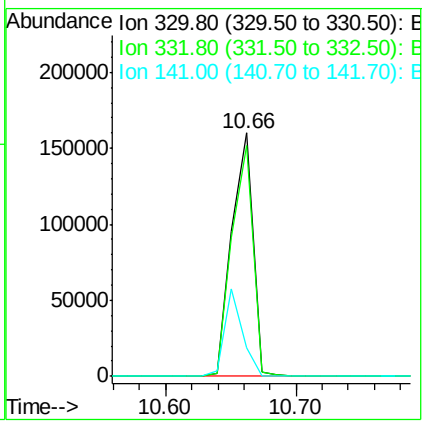


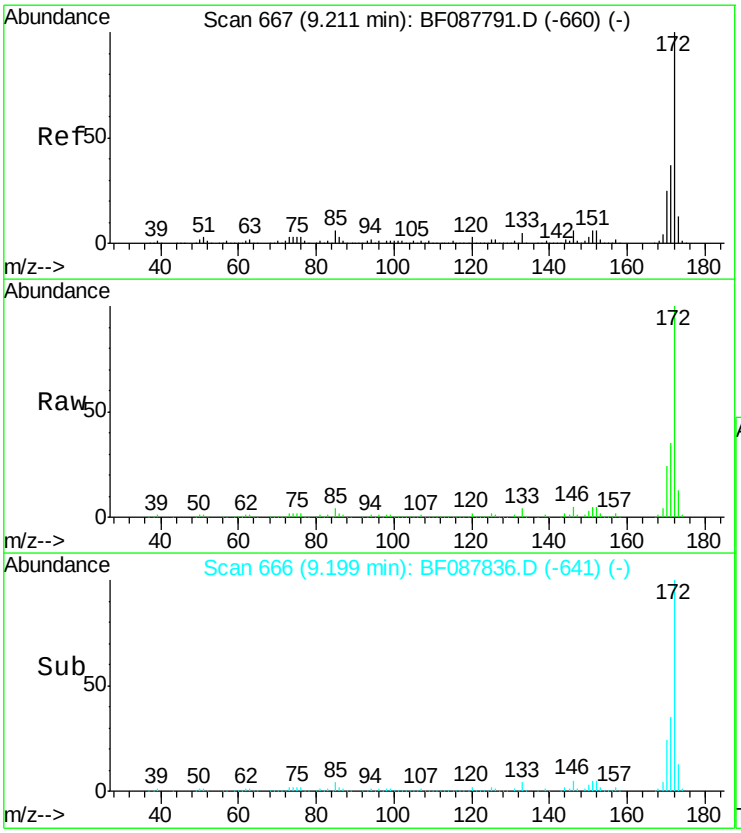
#41
2,4,6-Tribromophenol
Concen: 105.21 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:330 Resp: 179220

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	30.7	0.0	0.0#

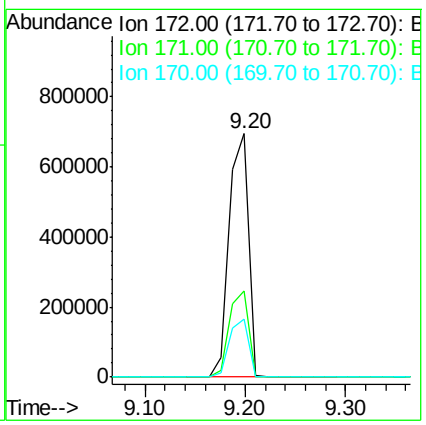


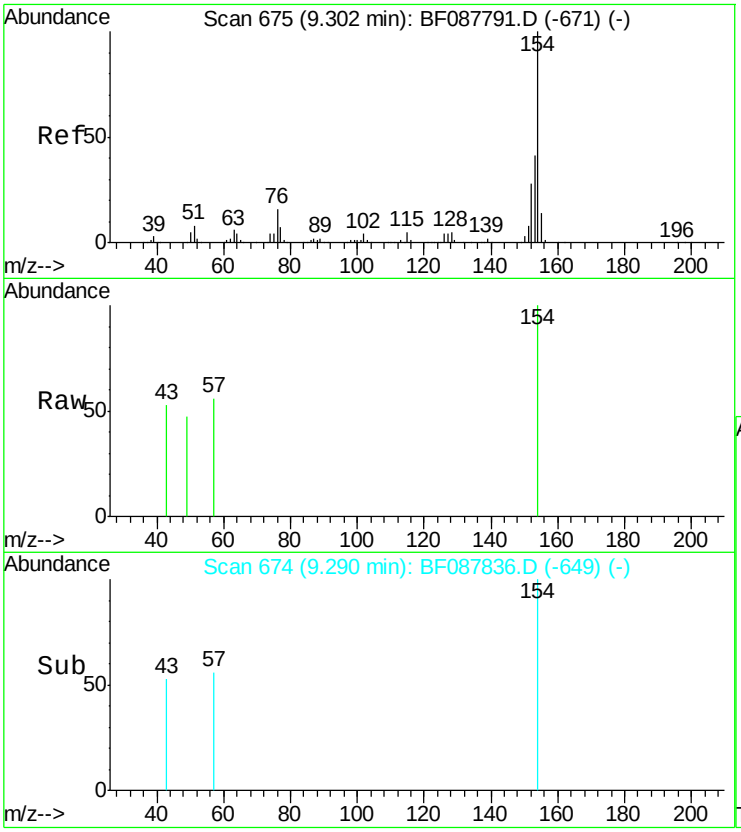


#44
2-Fluorobiphenyl
Concen: 90.71 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:172 Resp: 927771

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.1	19.2	28.8



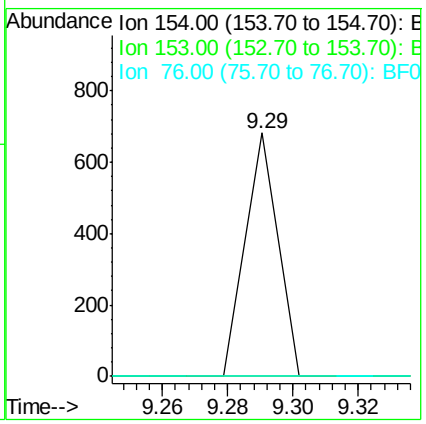


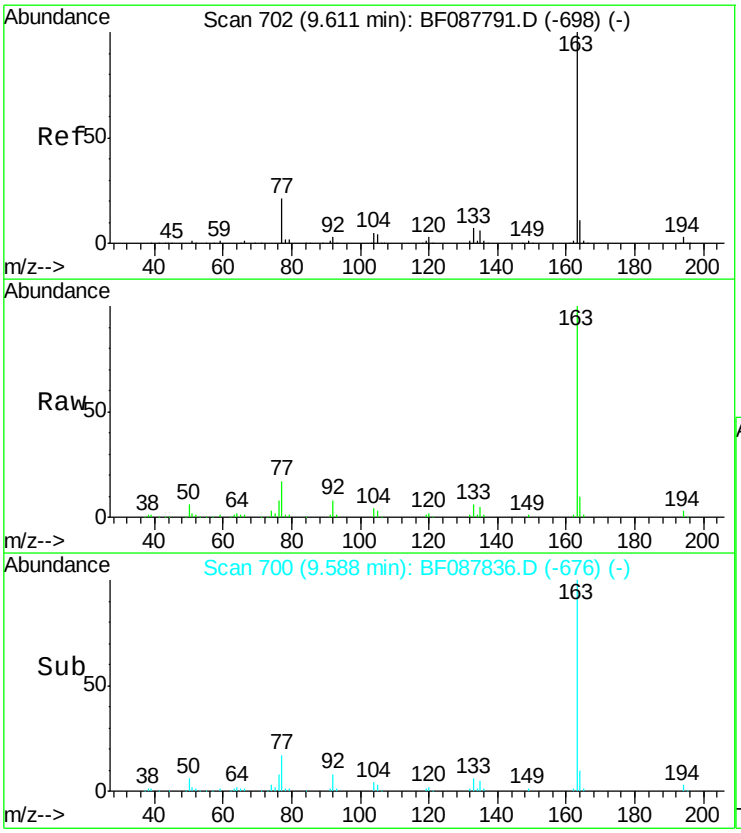
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:154 Resp: 468

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

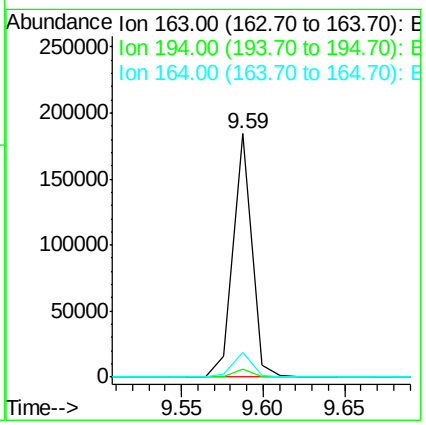


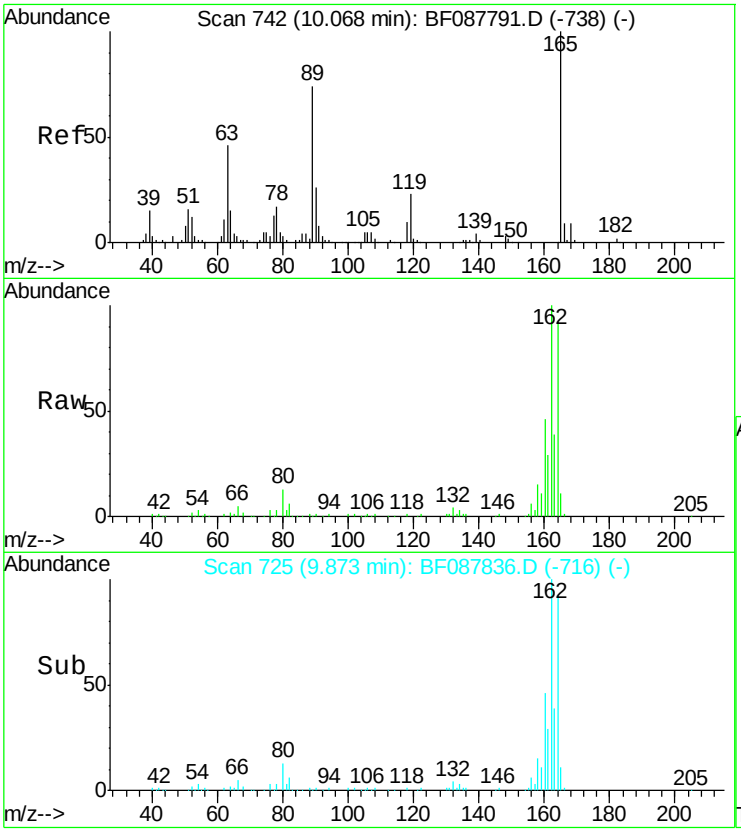


#49
Dimethylphthalate
Concen: 12.36 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:163 Resp: 144415

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5



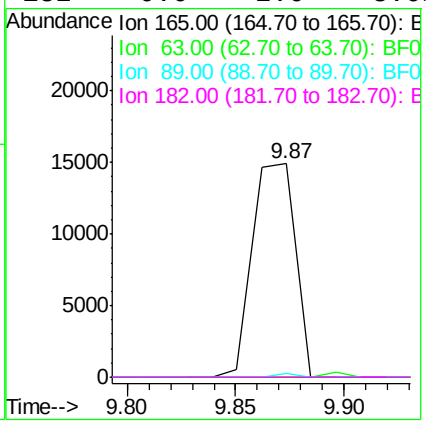


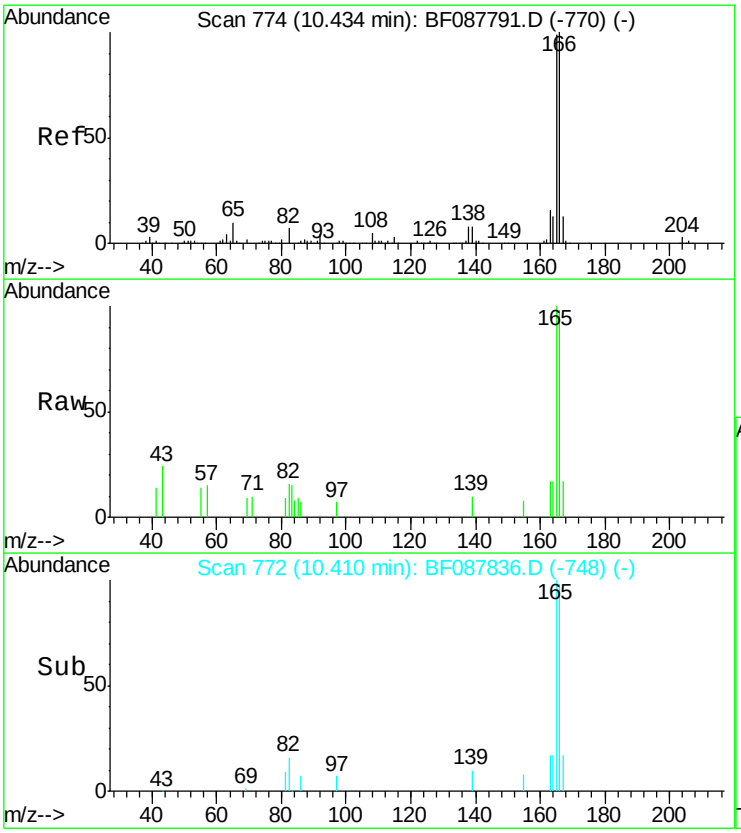
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.19 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:165 Resp: 20698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#

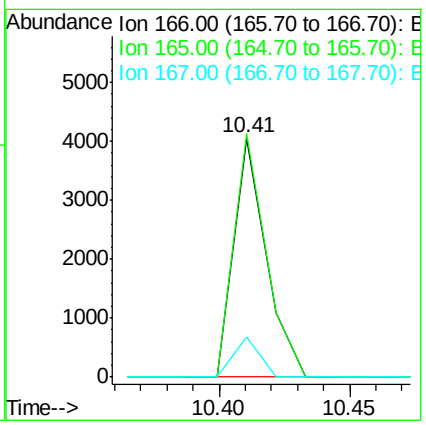


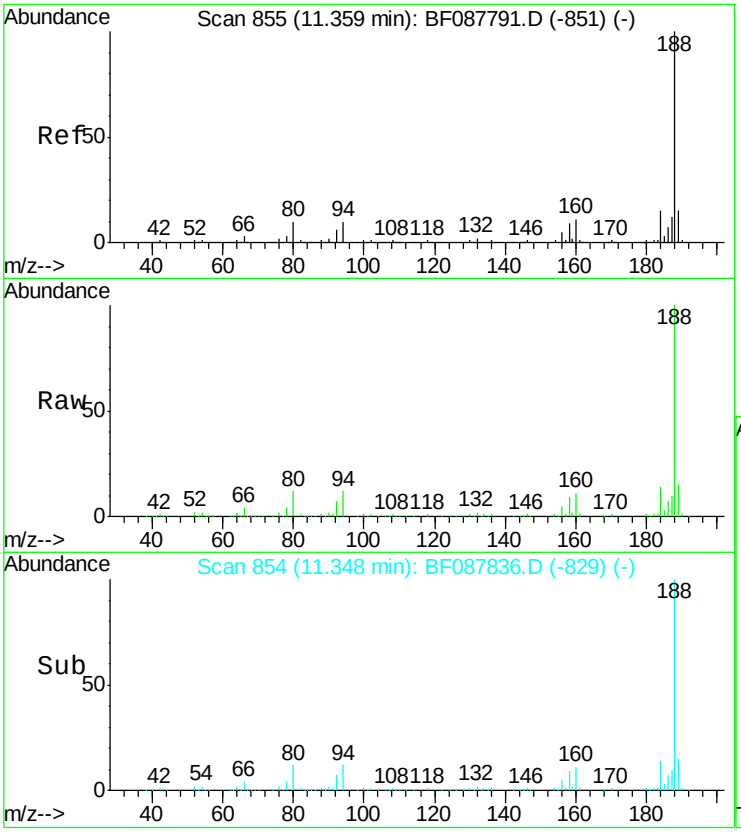


#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:166 Resp: 3534

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.8	116.8
167	16.8	11.2	16.8#



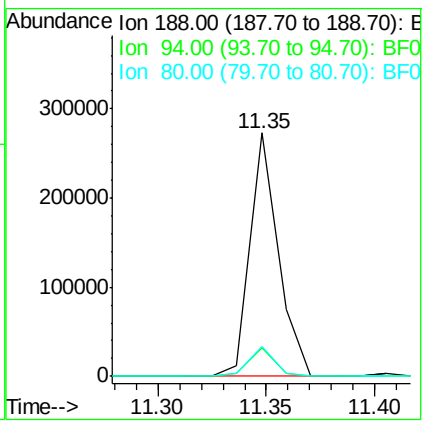


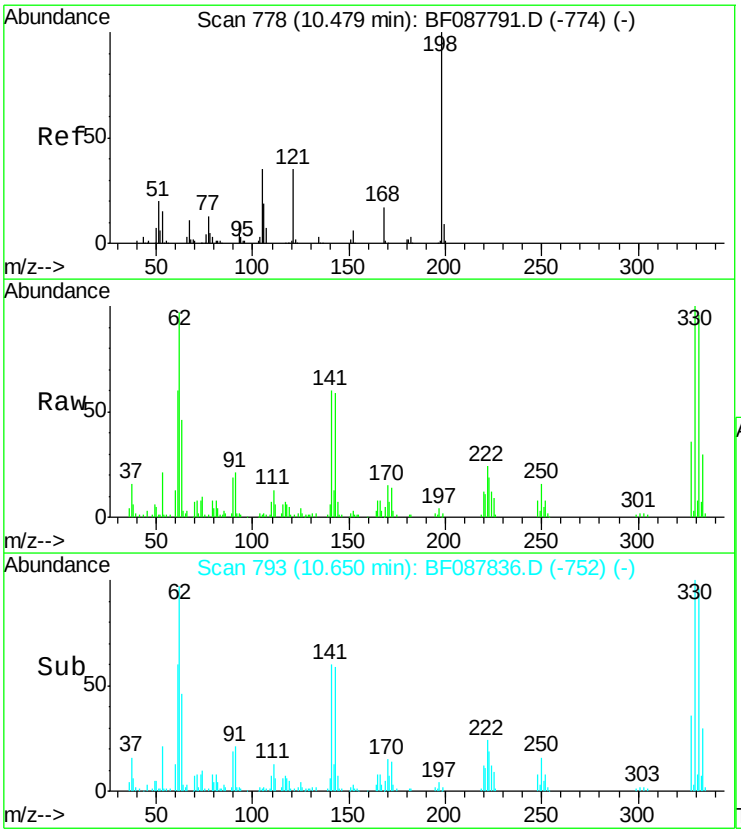
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:188 Resp: 247148

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.6
80	12.5	10.0	15.0

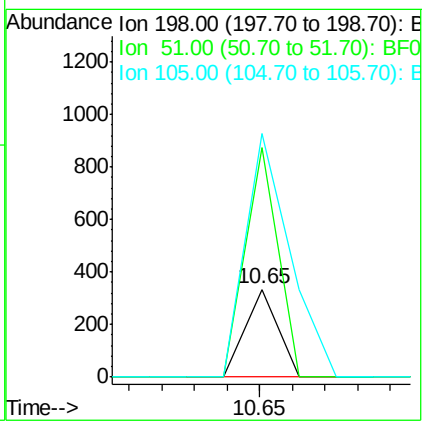


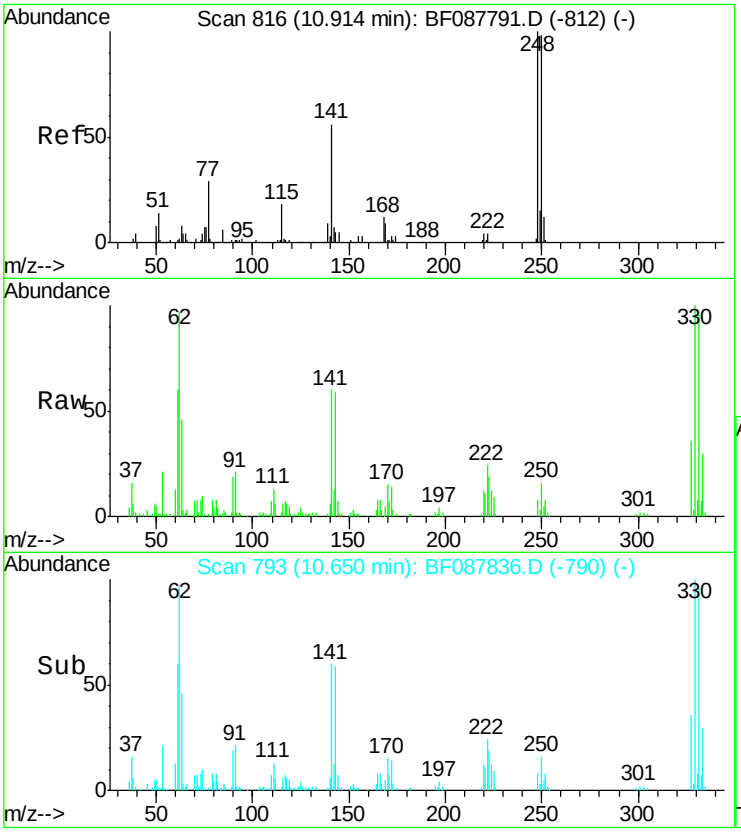


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.17 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:198 Resp: 228

Ion	Ratio	Lower	Upper
198	100		
51	261.9	39.6	79.6#
105	278.4	36.6	76.6#



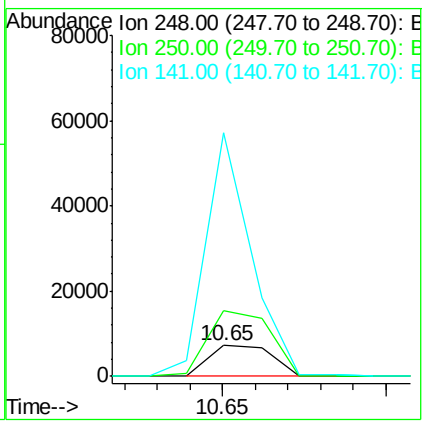


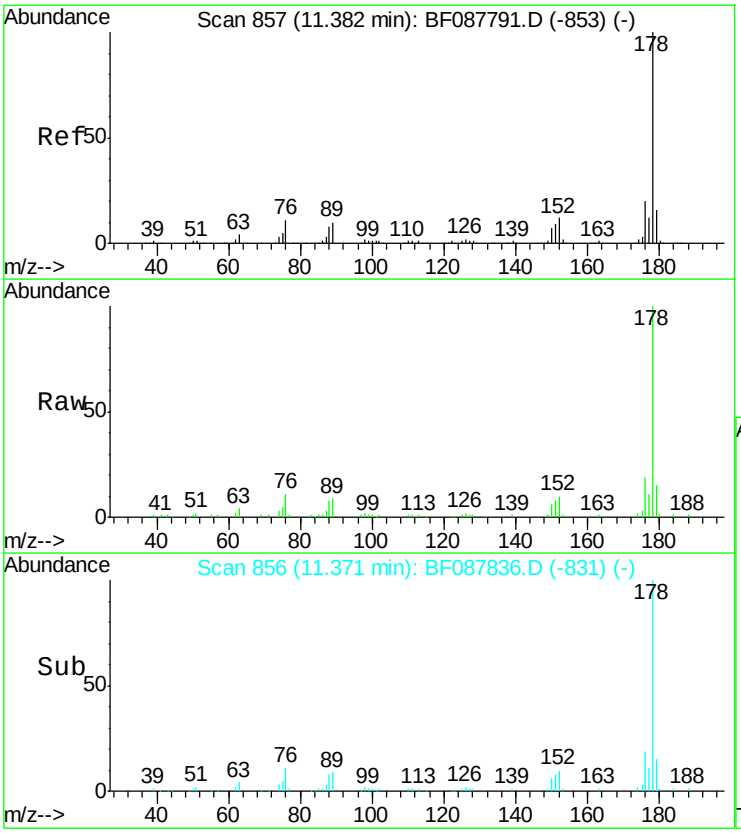
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.26 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:248 Resp: 9516

Ion	Ratio	Lower	Upper
248	100		
250	212.9	77.1	115.7#
141	788.1	50.6	76.0#

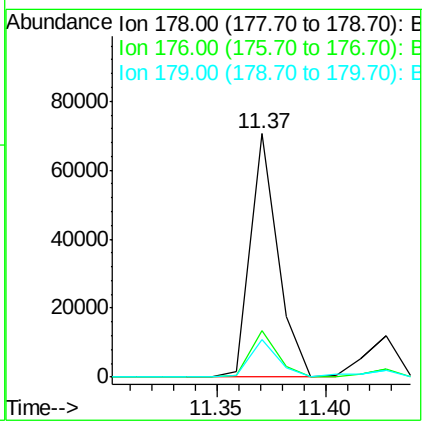


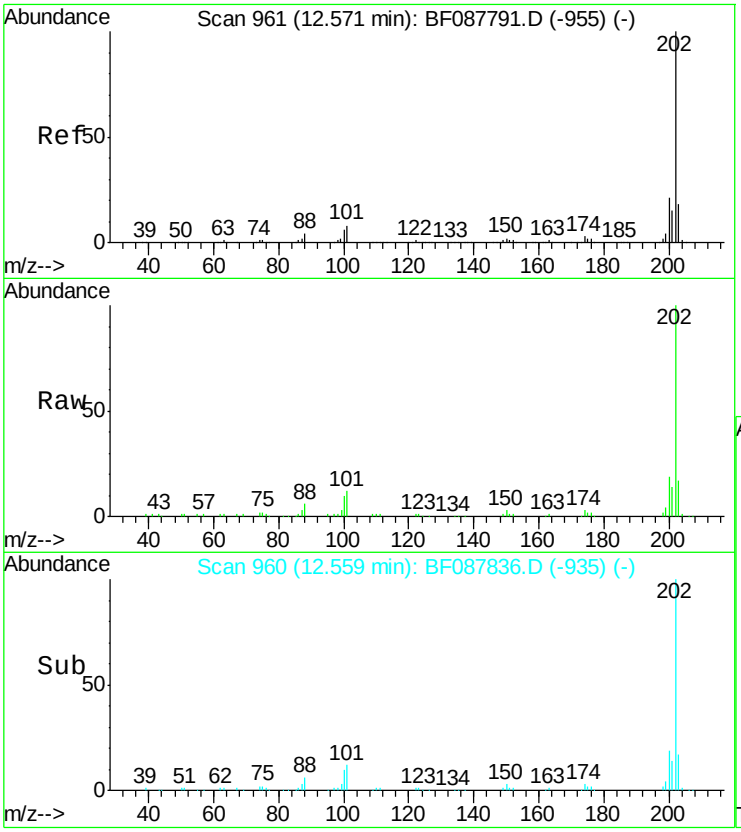


#70
Phenanthrene
Concen: 4.77 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:178 Resp: 61898

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.5	13.0	19.4



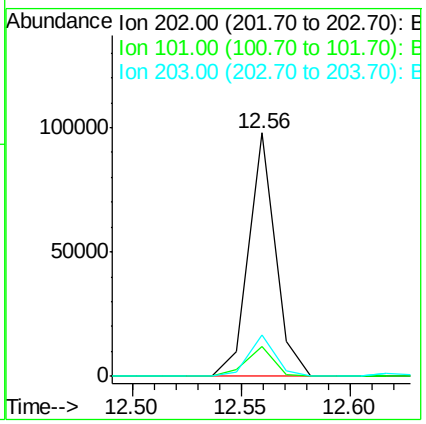


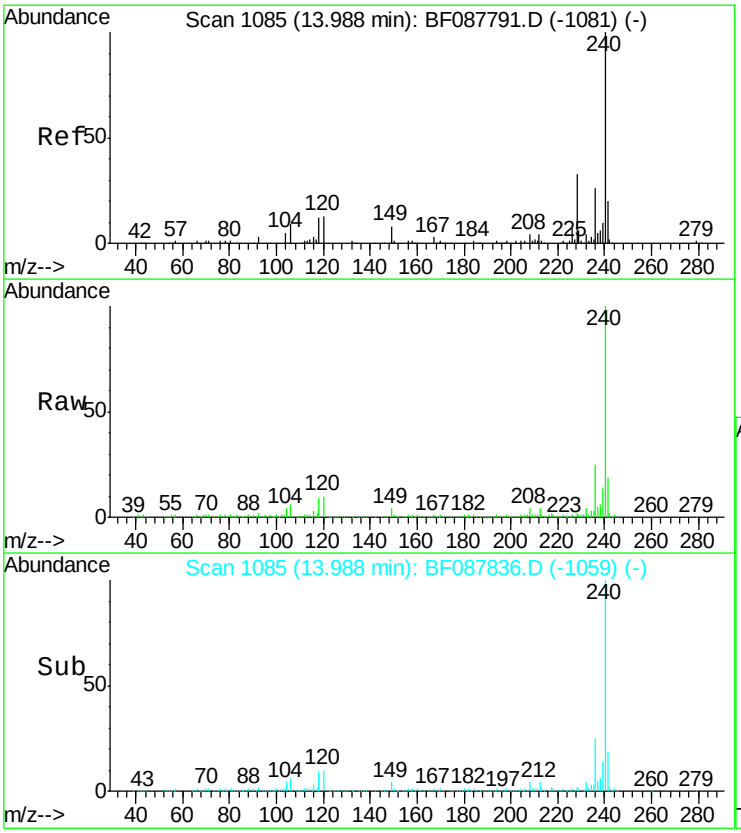
#74
Fluoranthene
Concen: 6.13 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:202 Resp: 83934

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.1
203	17.0	0.0	38.1

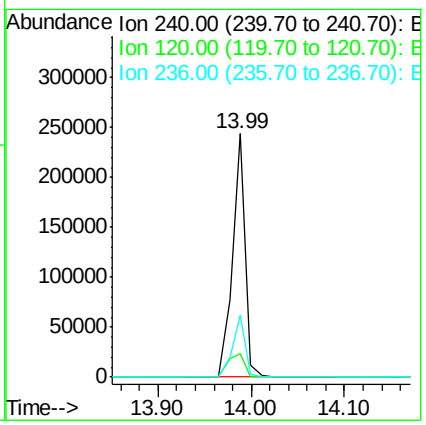


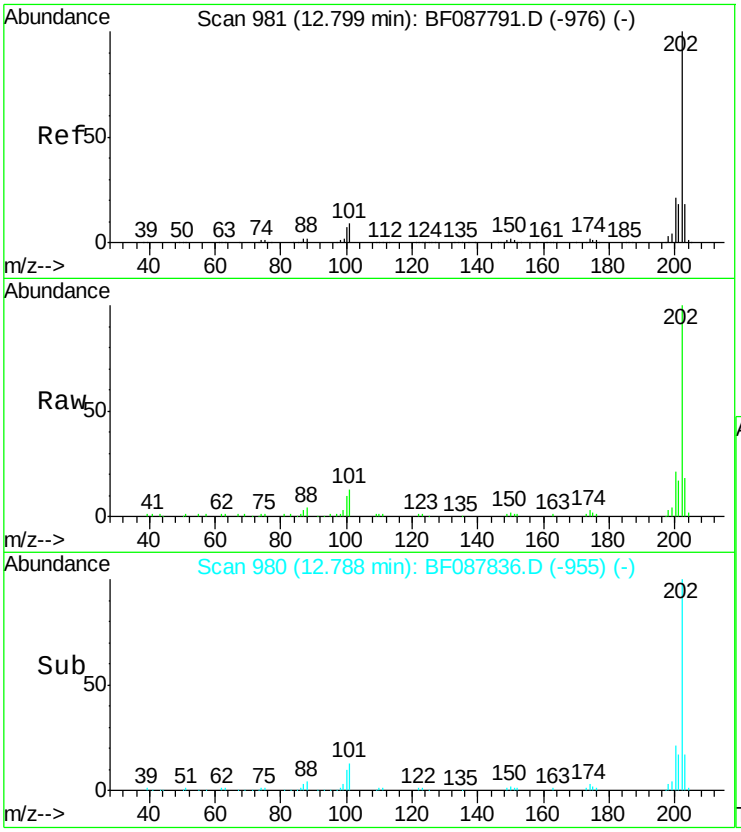


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:240 Resp: 232096

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.4	20.2	30.2



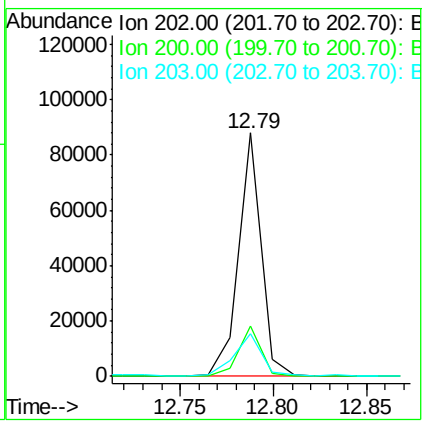


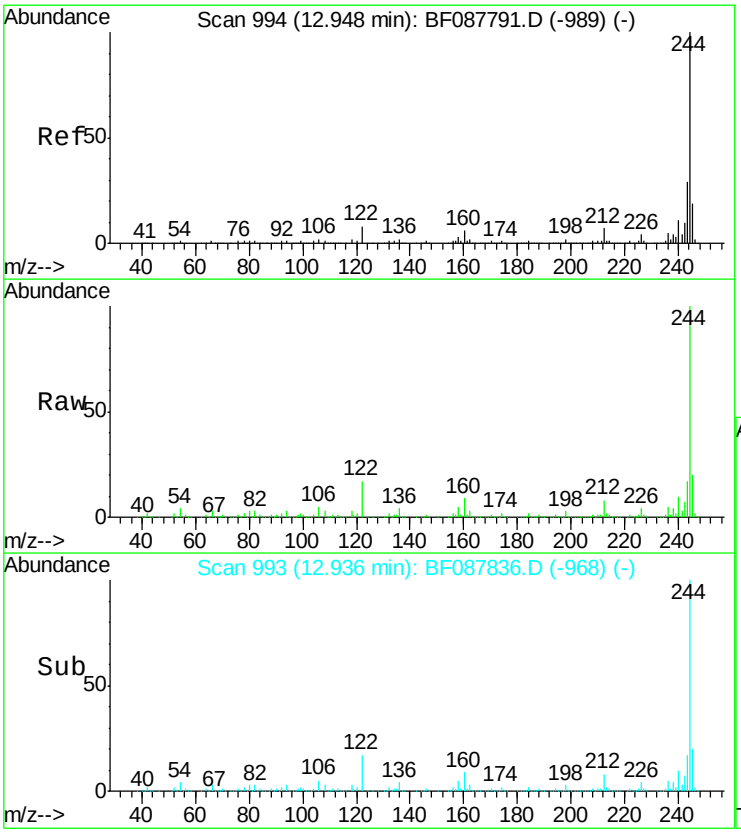
#77
Pyrene
Concen: 4.36 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:202 Resp: 75043

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.6	14.5	21.7

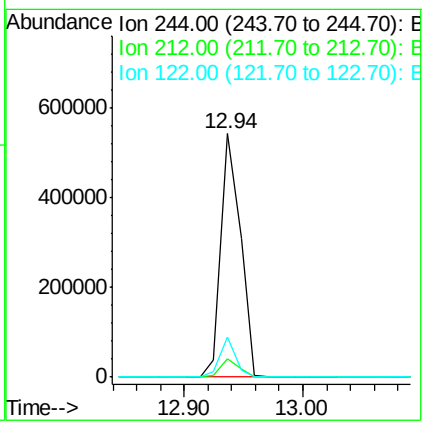


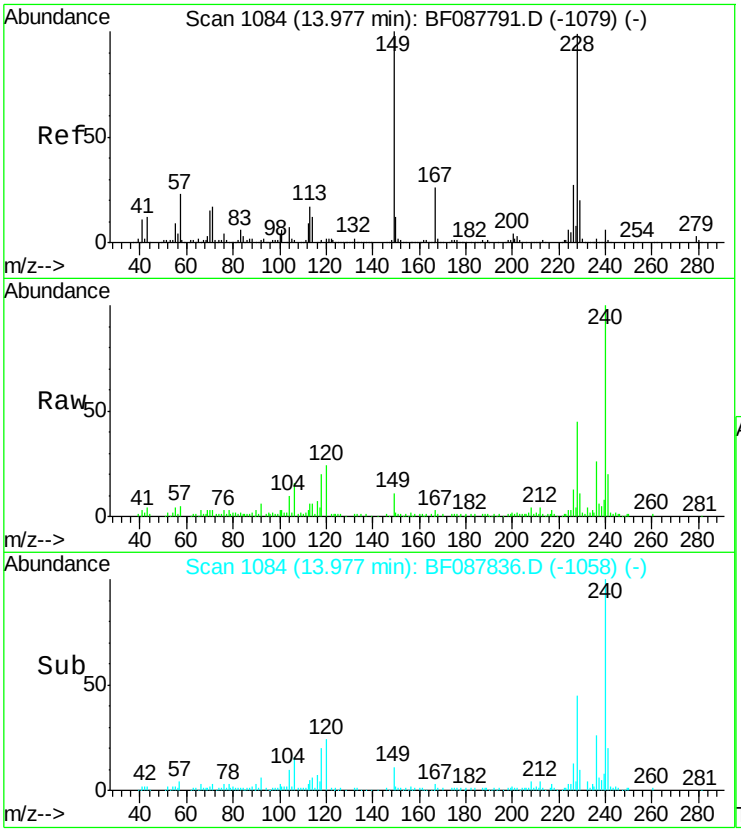


#78
Terphenyl-d14
Concen: 60.18 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:244 Resp: 613824

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.7	11.2	16.8



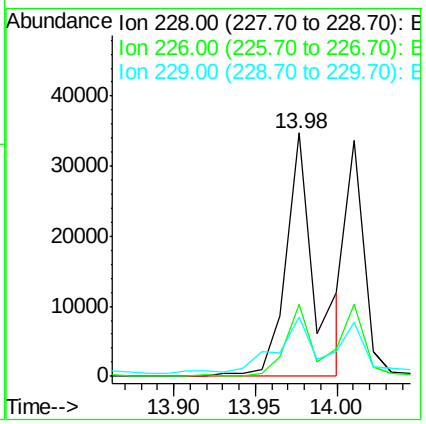


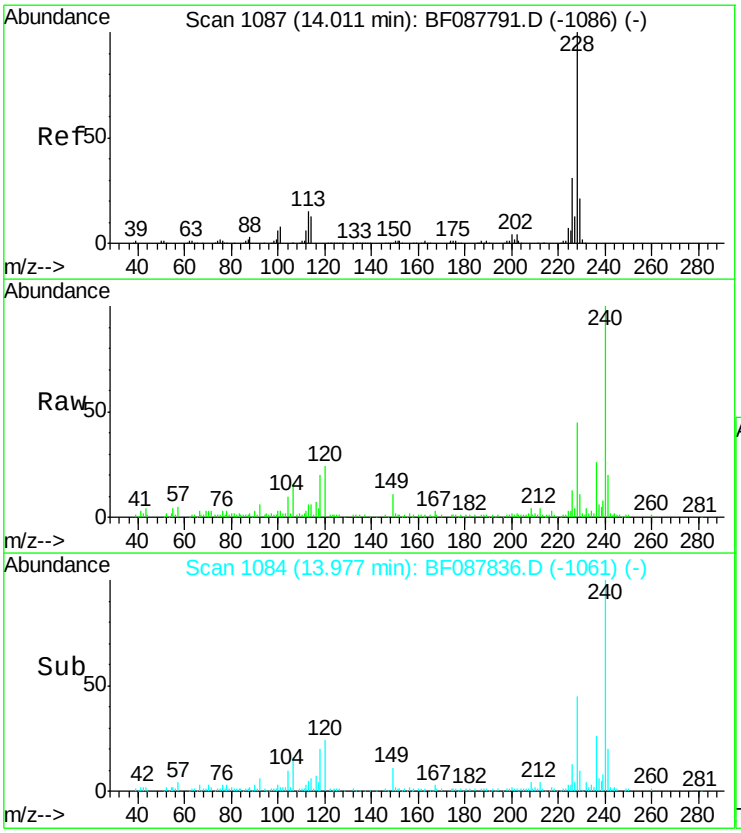
#80
Benzo(a)anthracene
Concen: 3.27 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:228 Resp: 43250

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	24.2	16.0	24.0#

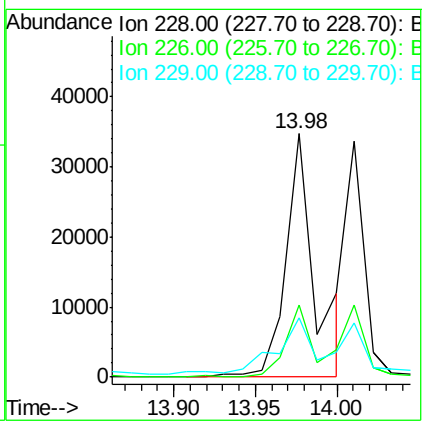


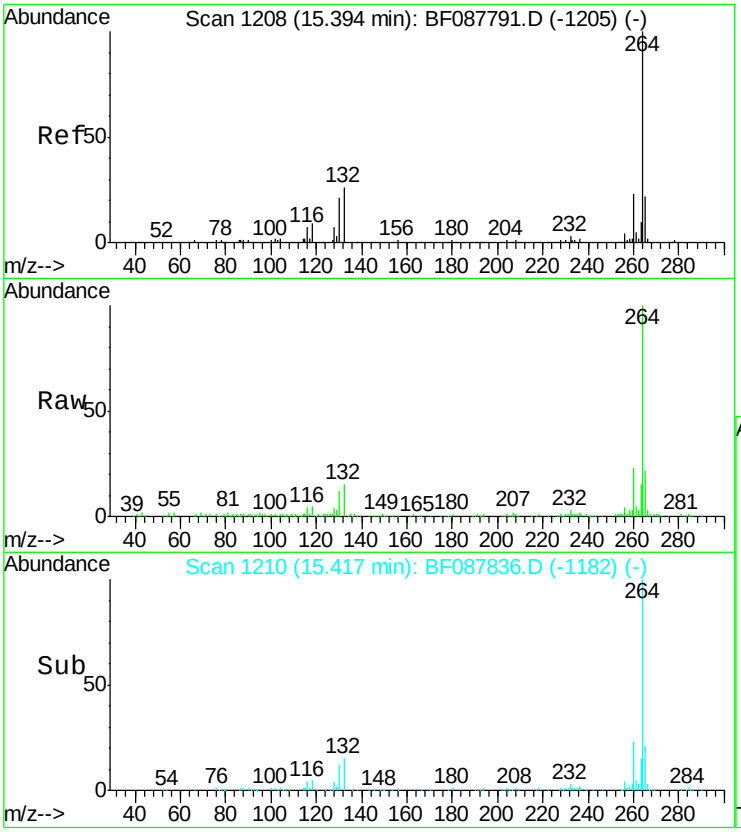


#82
Chrysene
Concen: 3.48 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:228 Resp: 43250

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.2
229	24.2	16.3	24.5



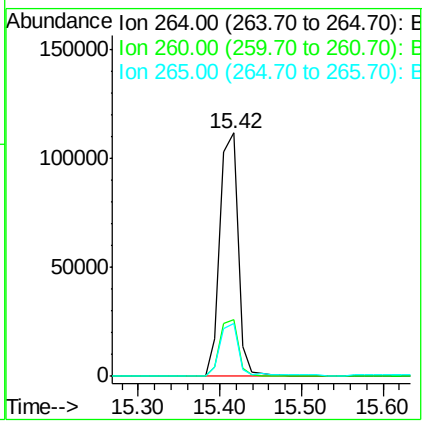


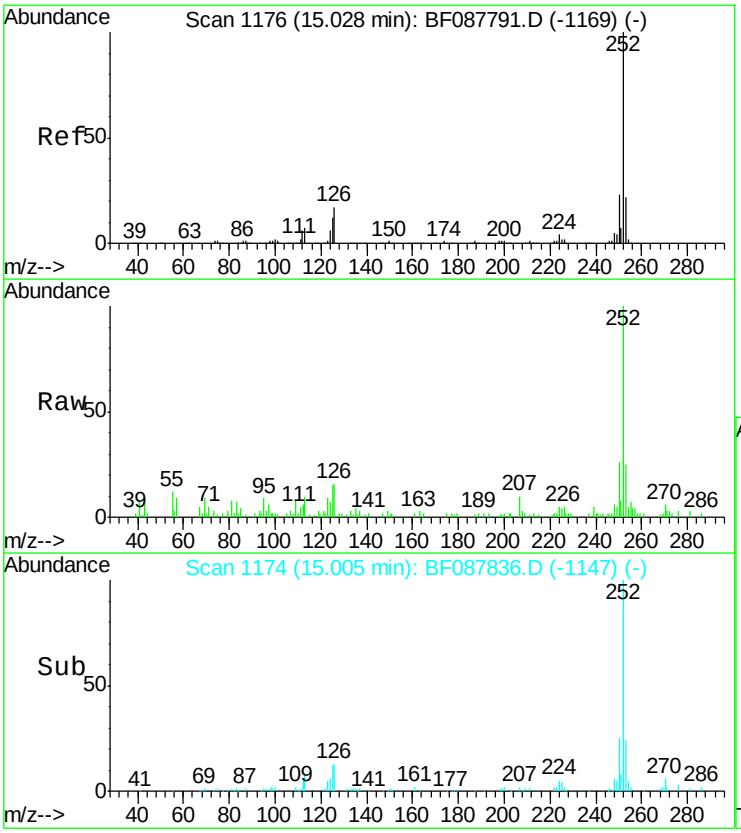
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:264 Resp: 172891

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	16.9	25.3

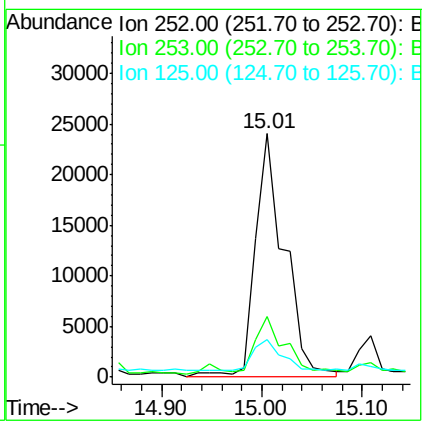


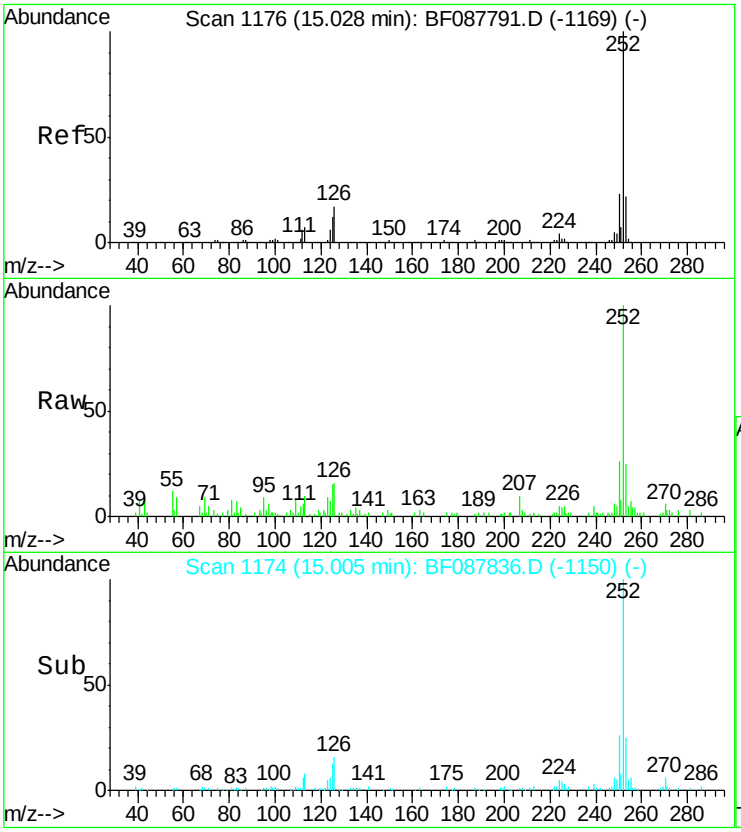


#87
Benzo(b)fluoranthene
Concen: 4.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:252 Resp: 48255

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	15.4	7.1	10.7#



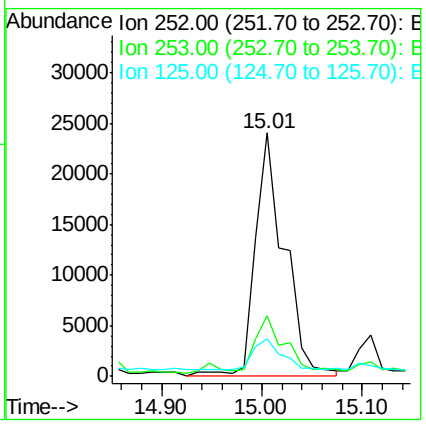


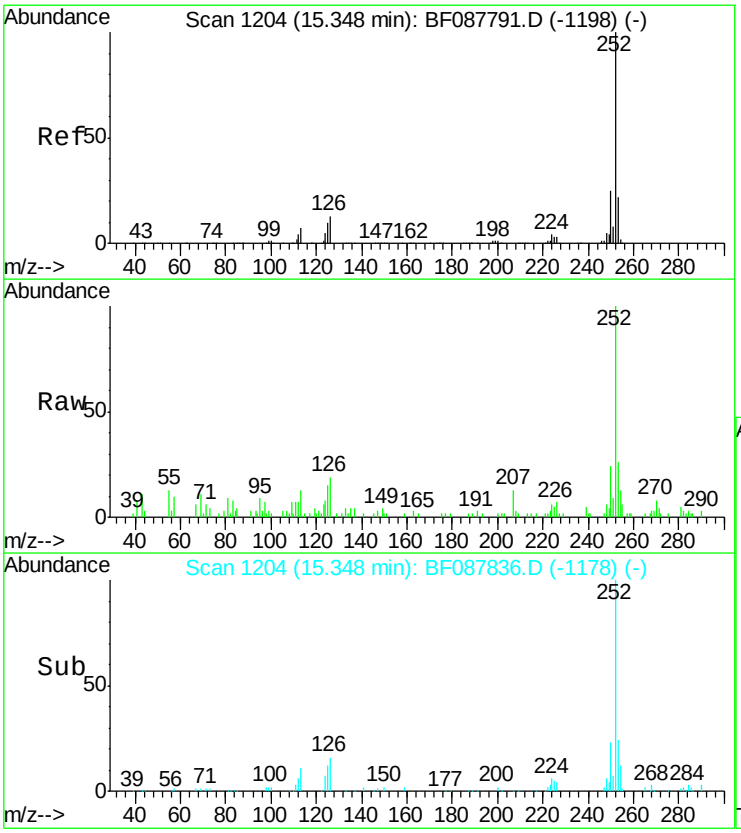
#88
Benzo(k)fluoranthene
Concen: 5.31 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Tgt Ion:252 Resp: 48255

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	15.4	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.39 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF087836.D
Acq: 9 Jun 2016 6:14

Tgt Ion:252 Resp: 23325

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	15.1	12.5	18.7