Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087696.D
Acq On : 5 Jun 2016 8:41
Operator : UM/SJ
Sample : H3345-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Time: Jun 06 01:38:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133770	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	183461	20.00	ng		0.01
38) Acenaphthene-d10	9.90	164	231073	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	454764	20.00	ng		0.00
75) Chrysene-d12	14.01	240	352922	20.00	ng		-0.01
86) Perylene-d12	15.44	264	266657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	308136	37.23	ng		0.01
7) Phenol-d6	6.49	99	390828	37.65	ng		0.00
23) Nitrobenzene-d5	7.43	82	811743	255.99	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	329609	142.10	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1482900	108.07	ng		0.00
78) Terphenyl-d14	12.97	244	1058159	73.16	ng		0.00
Target Compounds							Qvalue
22) Acetophenone	7.27	105	131146	31.56	ng	#	89
31) Naphthalene	8.25	128	13739330	1540.28	ng	#	96
37) 2-Methylnaphthalene	8.88	142	2542503	431.63	ng	#	92
45) 1,1'-Biphenyl	9.32	154	678552	36.18	ng		99
48) Acenaphthylene	9.77	152	1841707	79.11	ng		98
49) Dimethylphthalate	9.62	163	105898	6.30	ng		100
51) Acenaphthene	9.93	154	182860	12.21	ng		99
54) Dibenzofuran	10.10	168	54997	2.70	ng	#	95
57) Fluorene	10.44	166	161157	10.11	ng		99
70) Phenanthrene	11.40	178	704396	28.57	ng		100
71) Anthracene	11.45	178	80246	3.25	ng		98
72) Carbazole	11.61	167	89770	3.84	ng		96

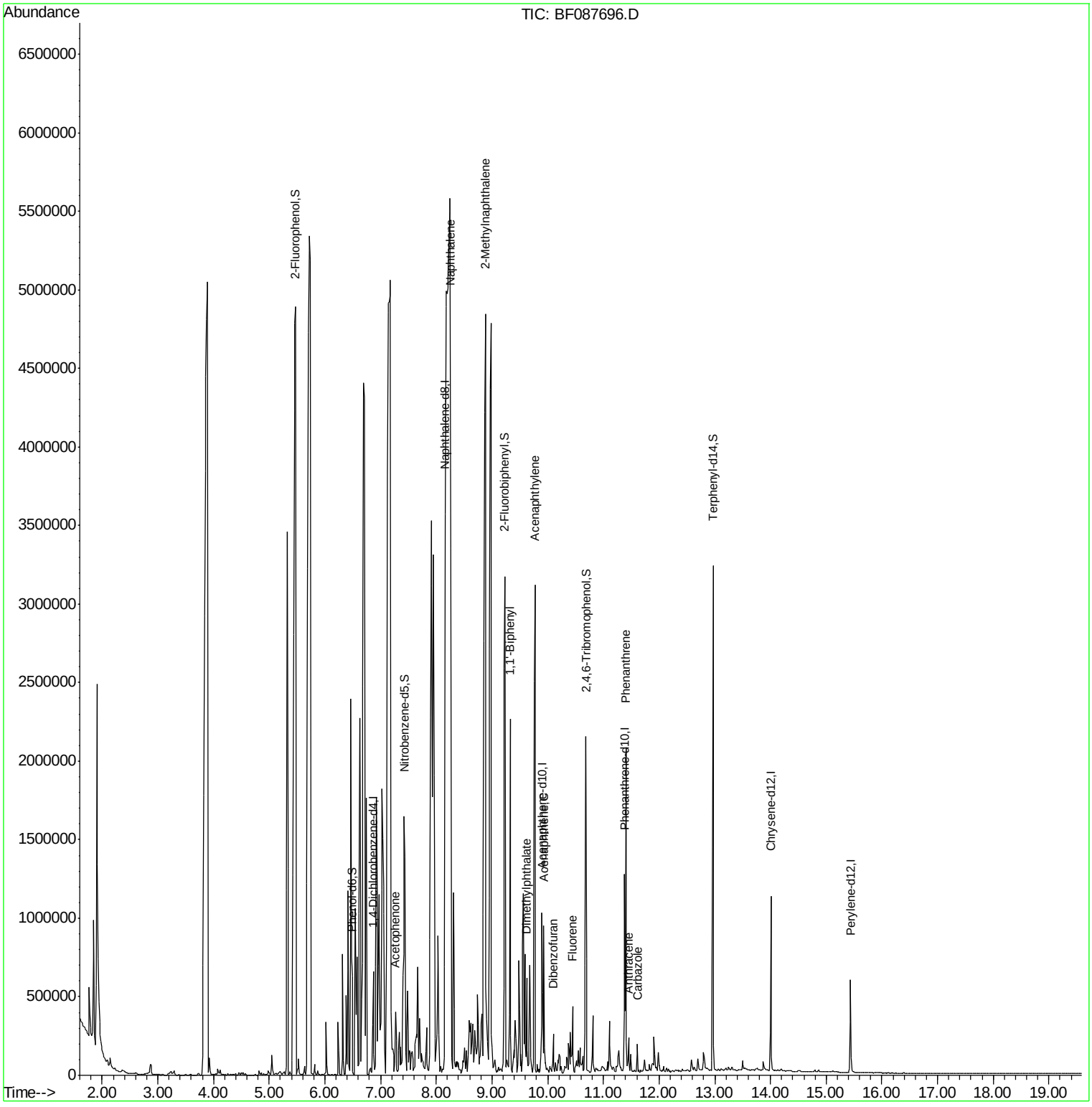
(#) = qualifier out of range (m) = manual integration (+) = signals summed

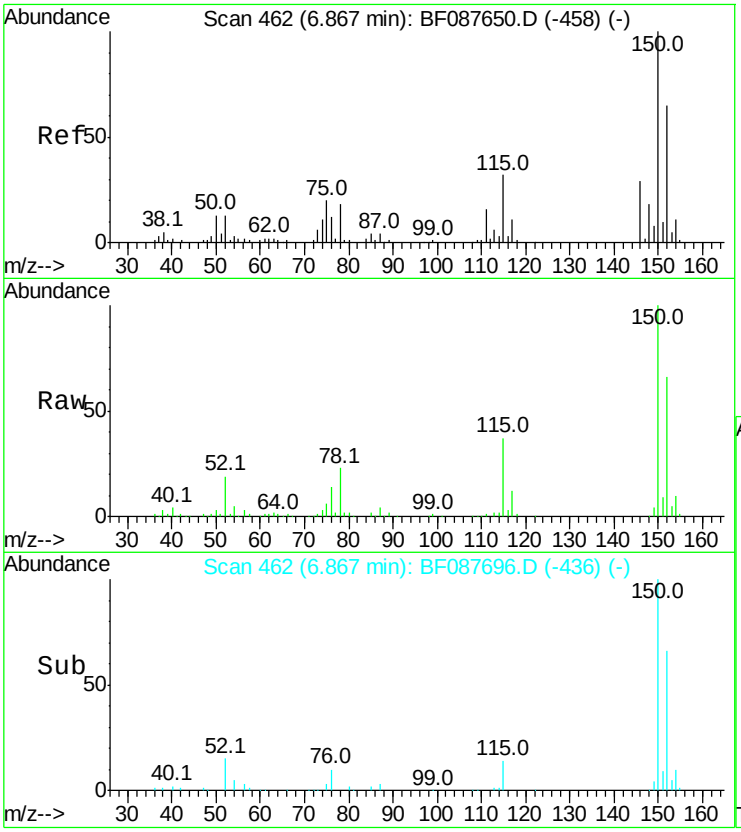
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087696.D
Acq On : 5 Jun 2016 8:41
Operator : UM/SJ
Sample : H3345-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Jun 06 01:38:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration



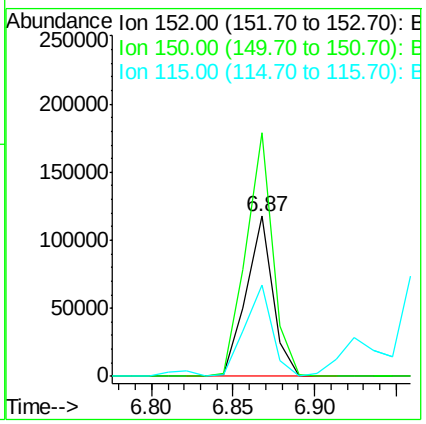


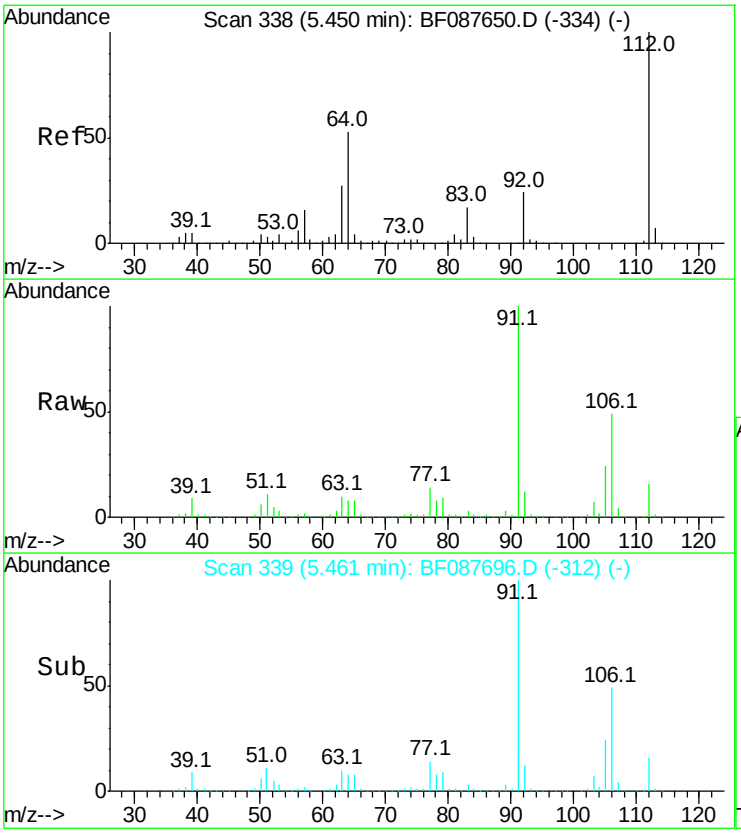
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 133770

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	56.8	39.6	59.4

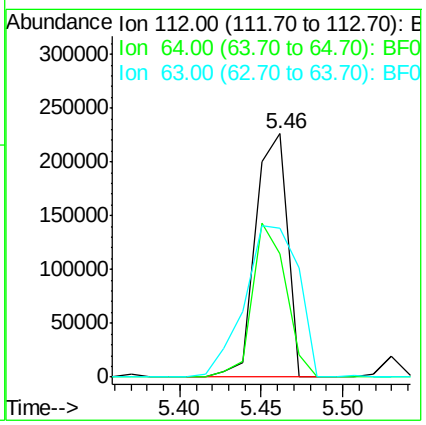


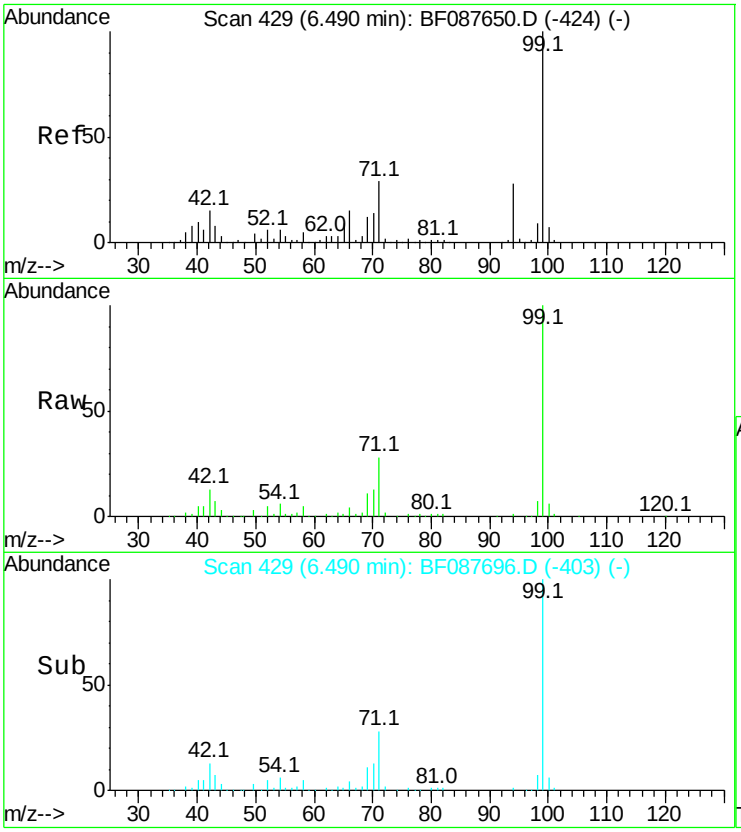


#5
2-Fluorophenol
Concen: 37.23 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:112 Resp: 308136

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.2	63.2
63	61.2	21.8	32.8#



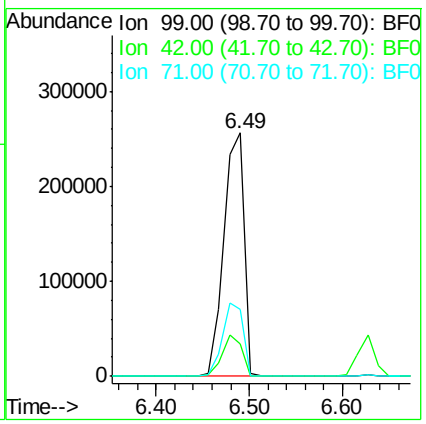


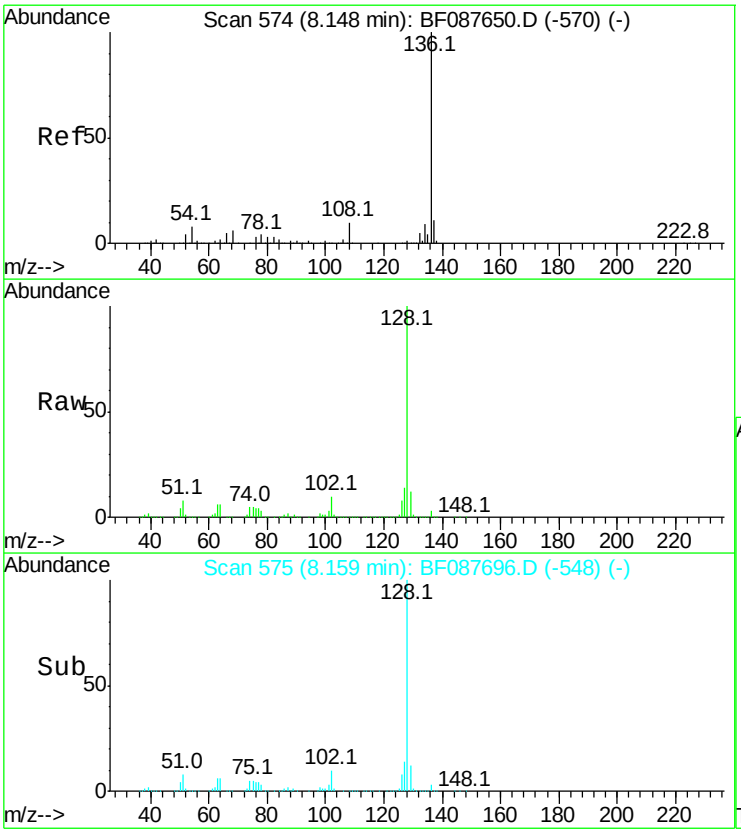
#7
Phenol-d6
Concen: 37.65 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 390828

Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.2
71	27.5	23.4	35.0

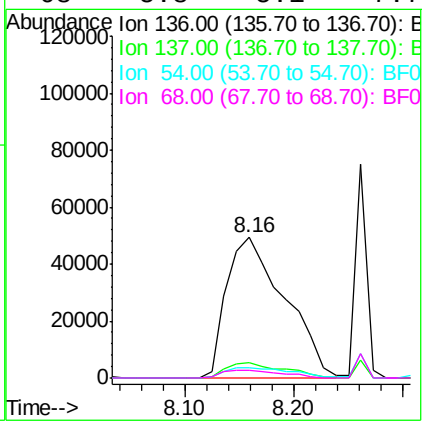


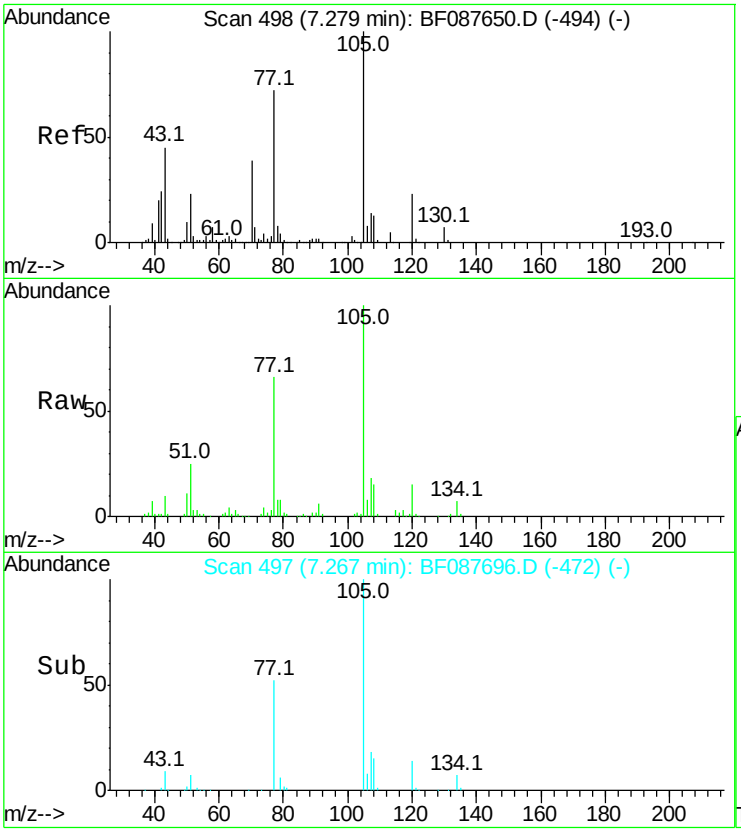


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:136 Resp: 183461

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	6.6	10.0
68	5.8	5.1	7.7



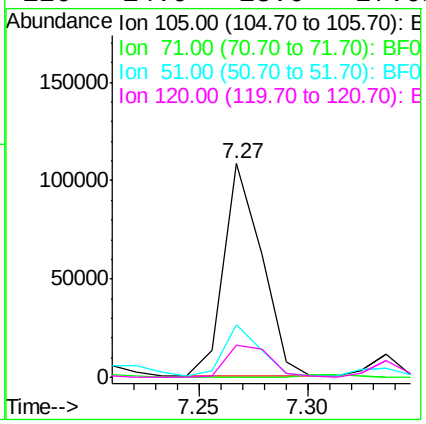


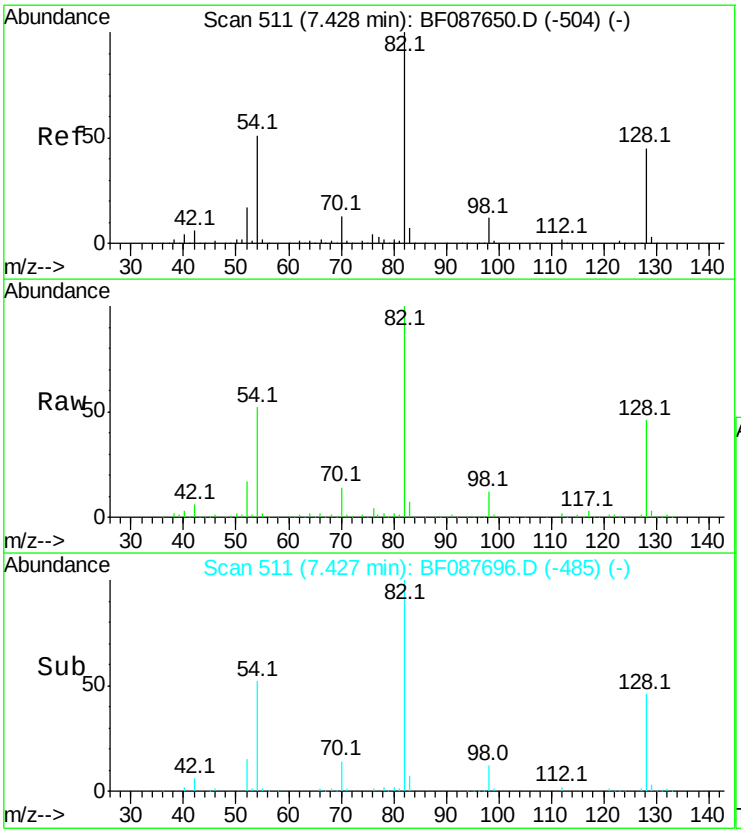
#22
Acetophenone
Concen: 31.56 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:105 Resp: 131146

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	24.8	18.2	27.4
120	14.9	18.0	27.0#

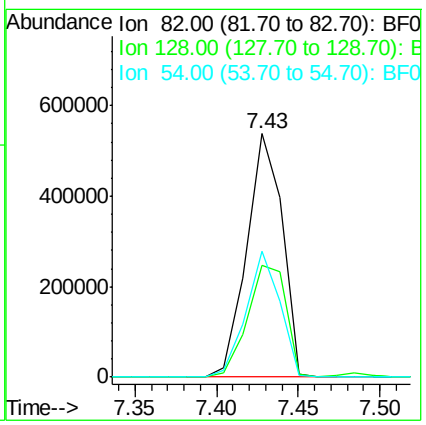


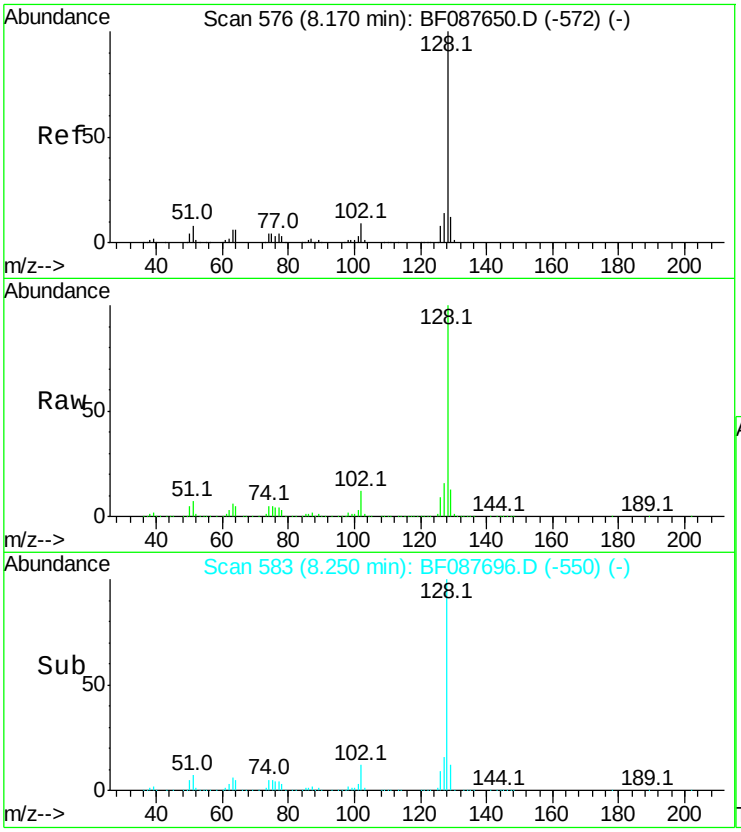


#23
Nitrobenzene-d5
Concen: 255.99 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion: 82 Resp: 811743

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.9	53.9
54	51.6	40.9	61.3



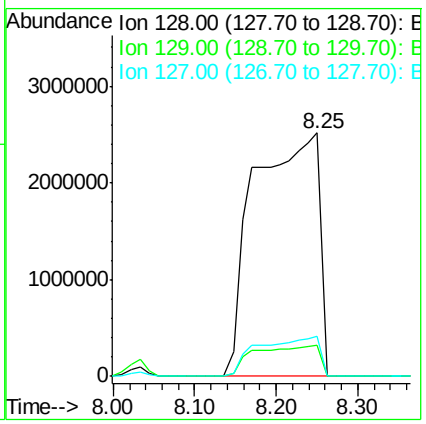


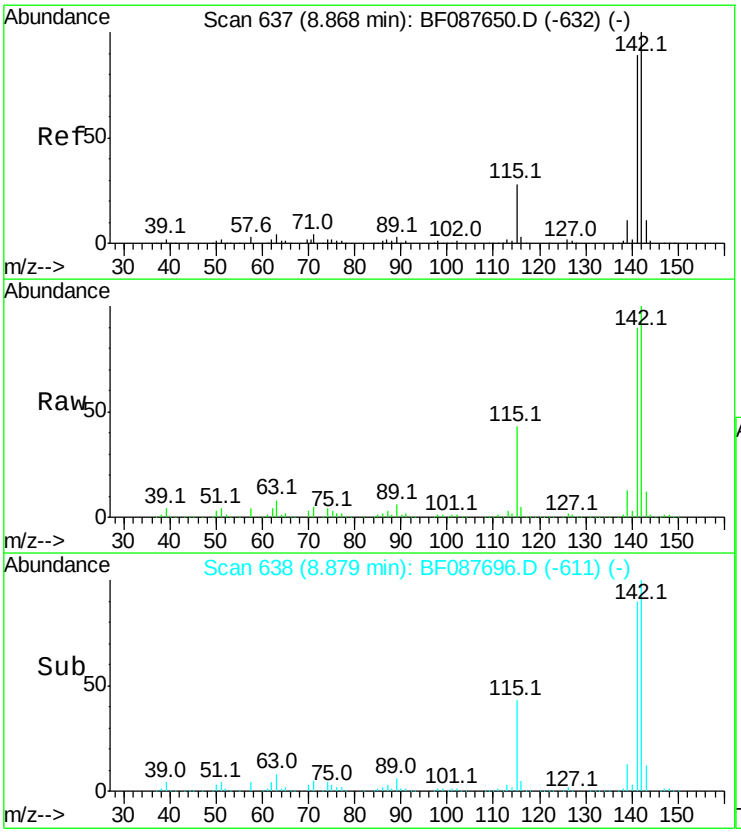
#31
Naphthalene
Concen: 1540.28 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.08 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:128 Resp:13739330

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.2
127	16.3	10.9	16.3#

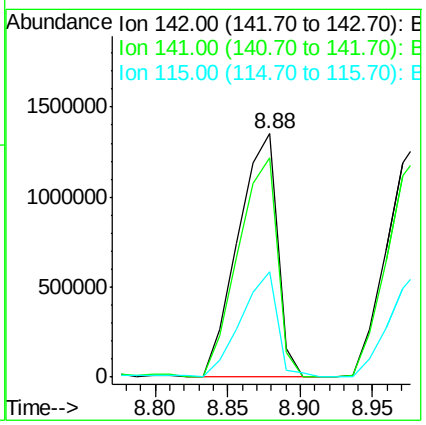


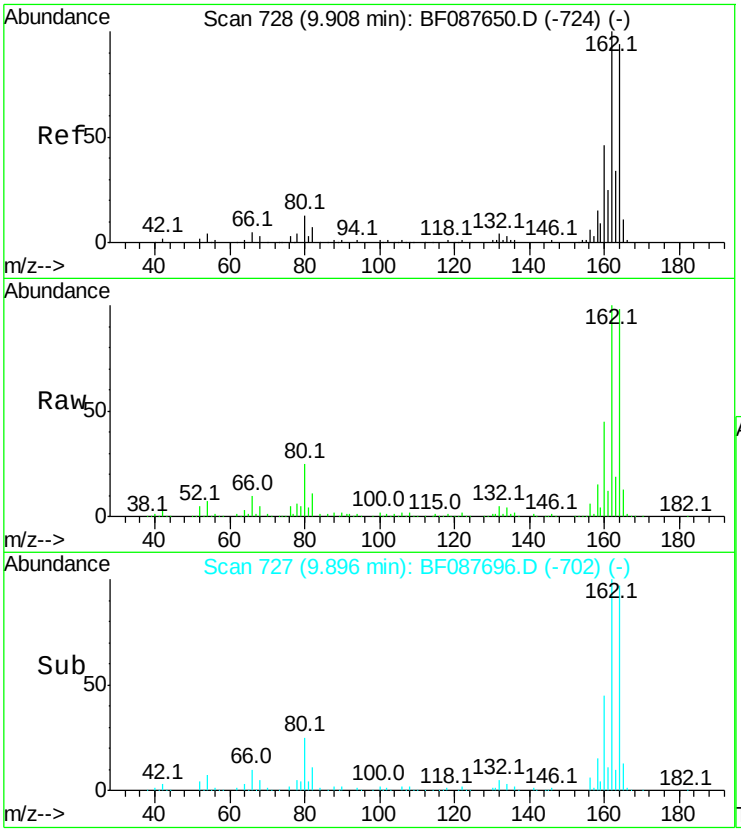


#37
2-Methylnaphthalene
Concen: 431.63 ng
RT: 8.88 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:142 Resp: 2542503

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	43.4	22.6	33.8#



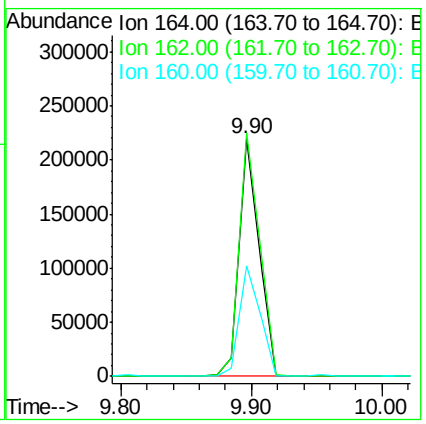


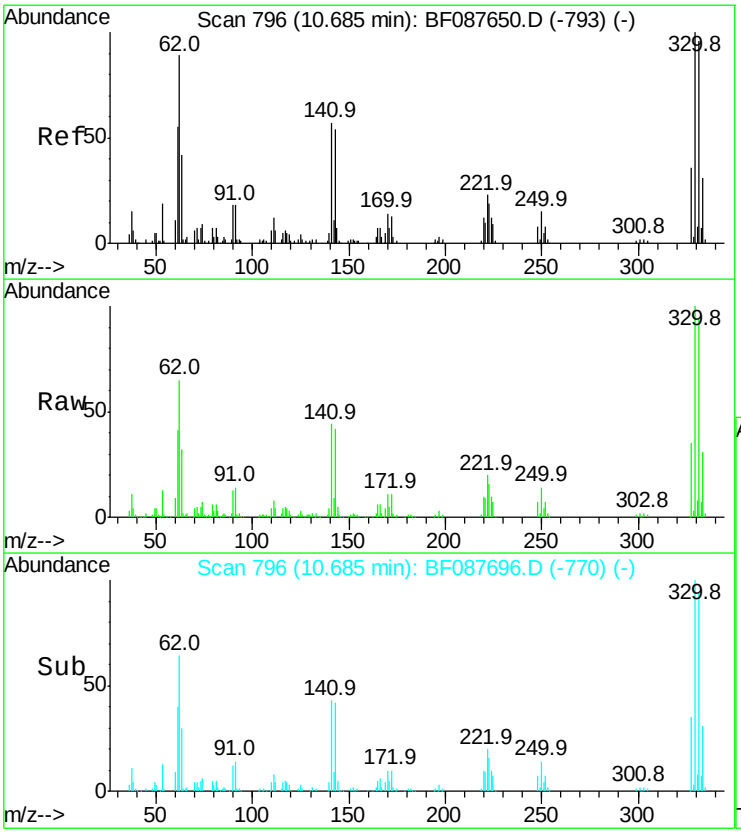
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 231073

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.4	128.2
160	46.4	39.5	59.3

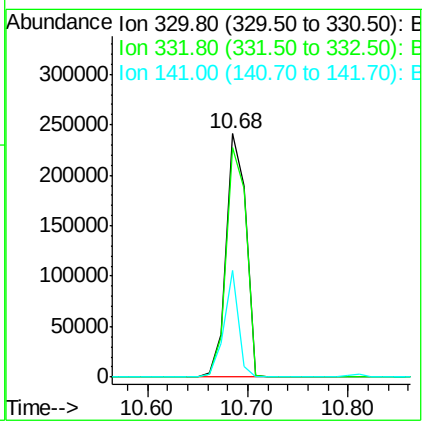


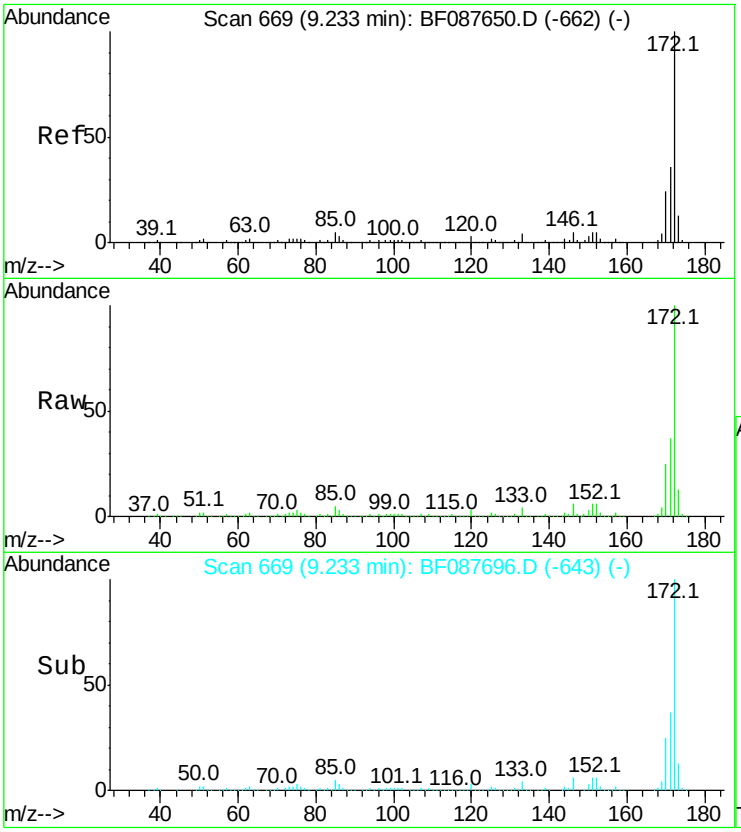


#41
2,4,6-Tribromophenol
Concen: 142.10 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:330 Resp: 329609

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.1	0.0	0.0#



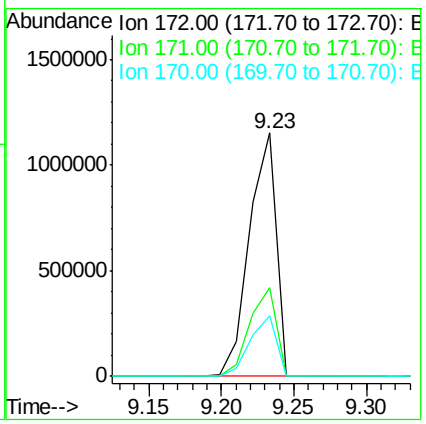


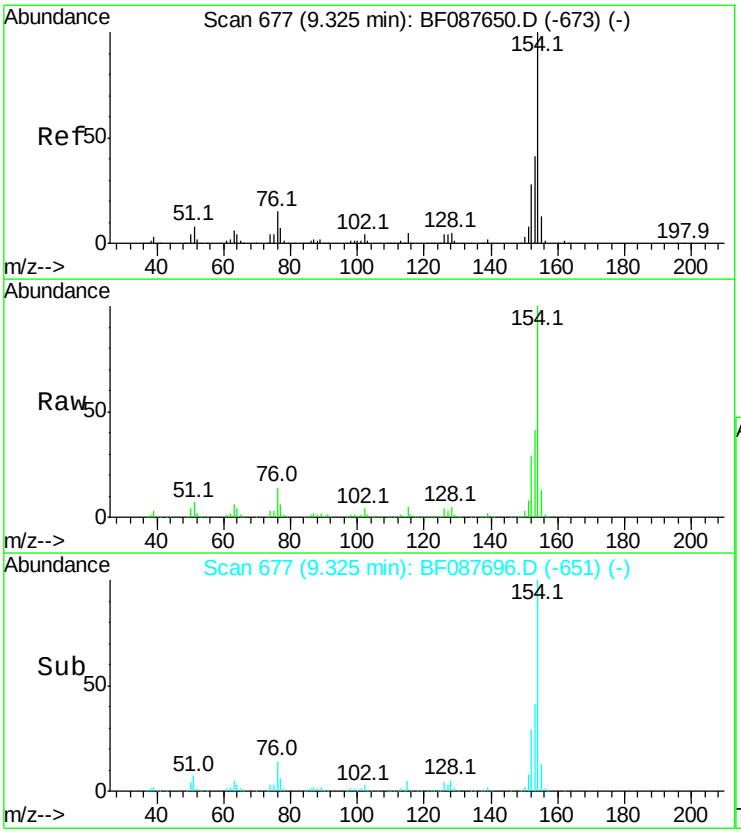
#44
2-Fluorobiphenyl
Concen: 108.07 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:172 Resp: 1482900

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.7	19.2	28.8

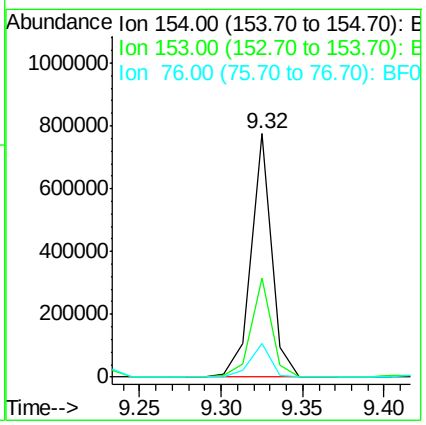


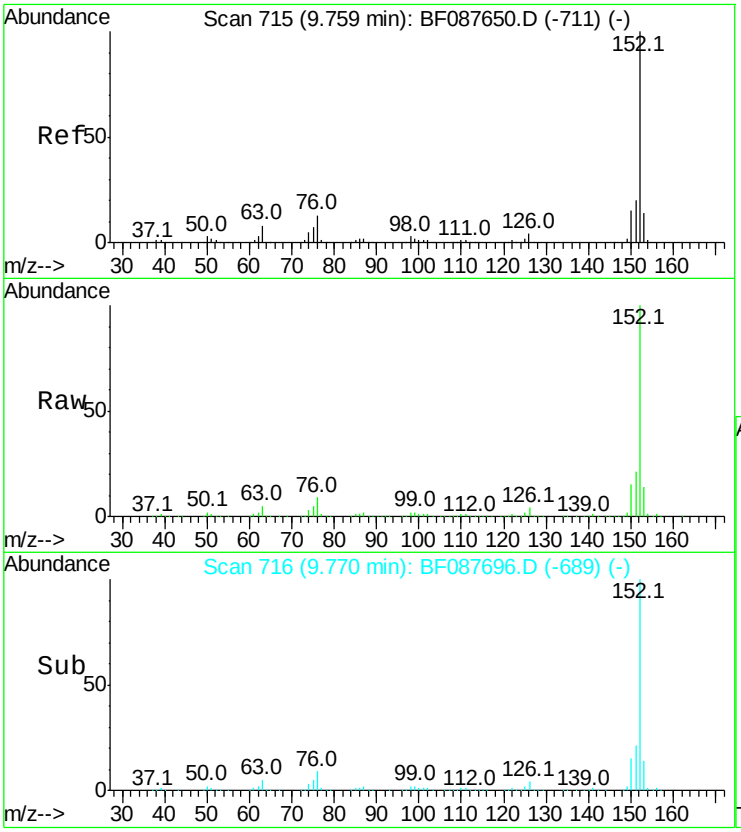


#45
1,1'-Biphenyl
Concen: 36.18 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:154 Resp: 678552

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	13.9	0.0	35.1



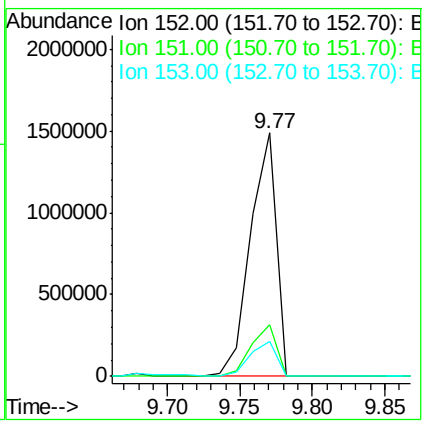


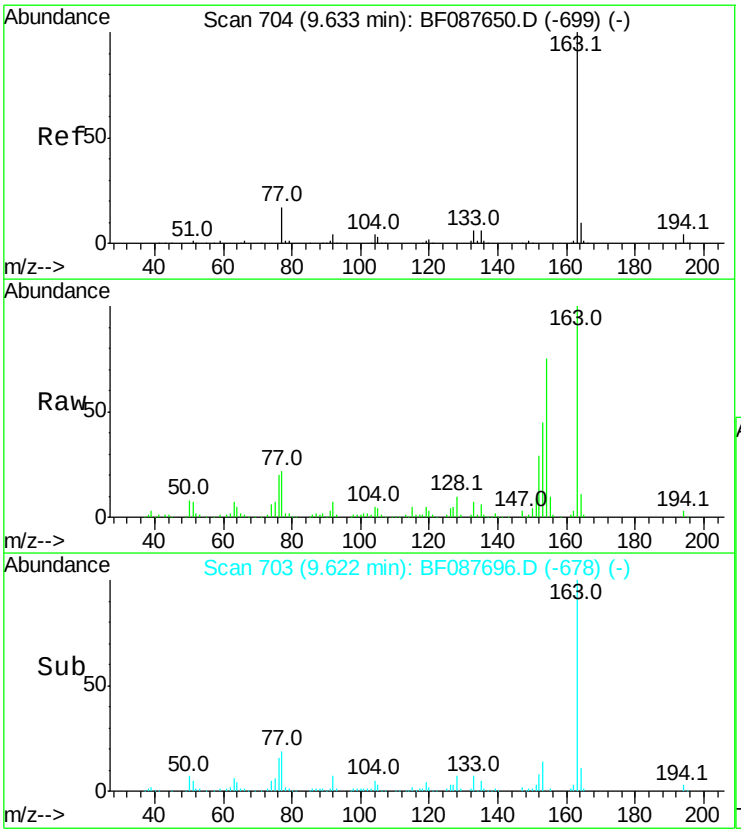
#48
Acenaphthylene
Concen: 79.11 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 1841707

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	14.2	11.0	16.6

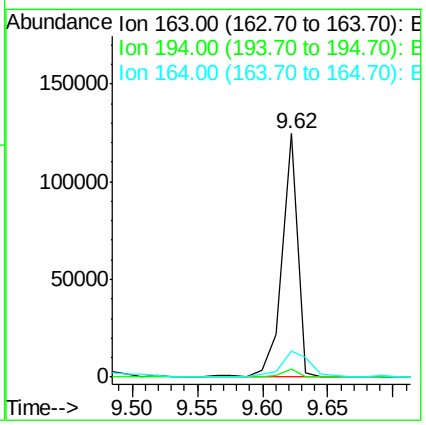


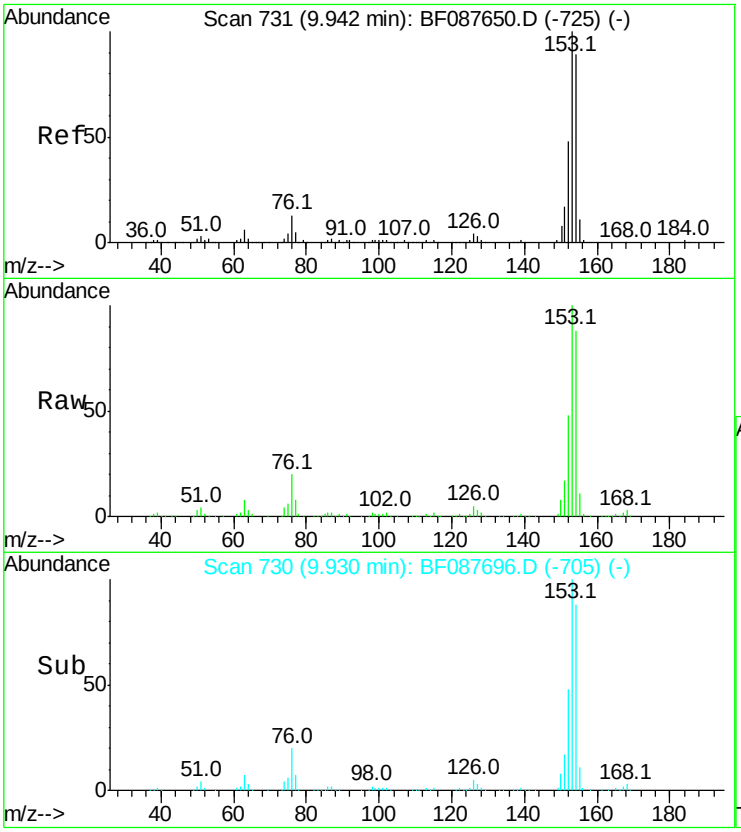


#49
Dimethylphthalate
Concen: 6.30 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:163 Resp: 105898

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.6	8.3	12.5



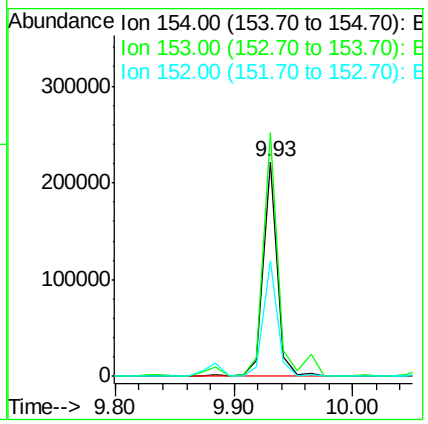


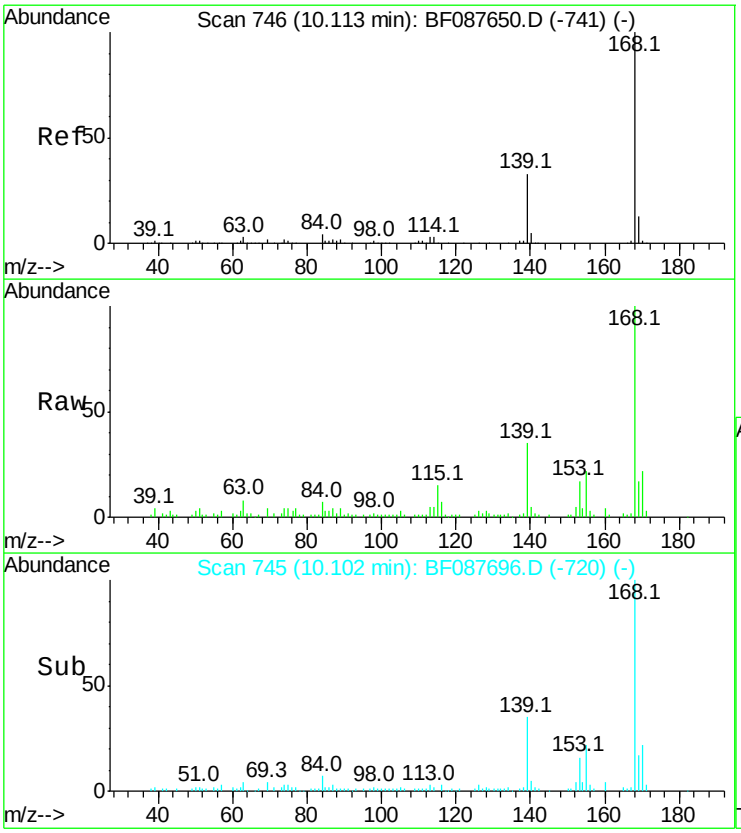
#51
Acenaphthene
Concen: 12.21 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:154 Resp: 182860

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	54.0	42.7	64.1

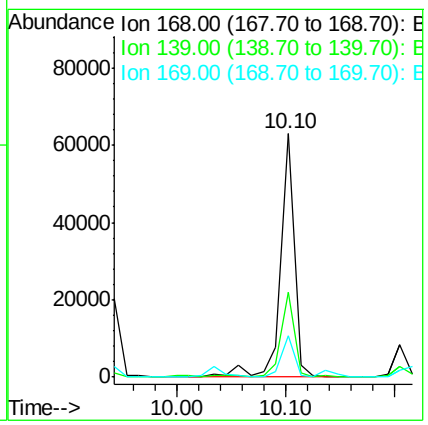


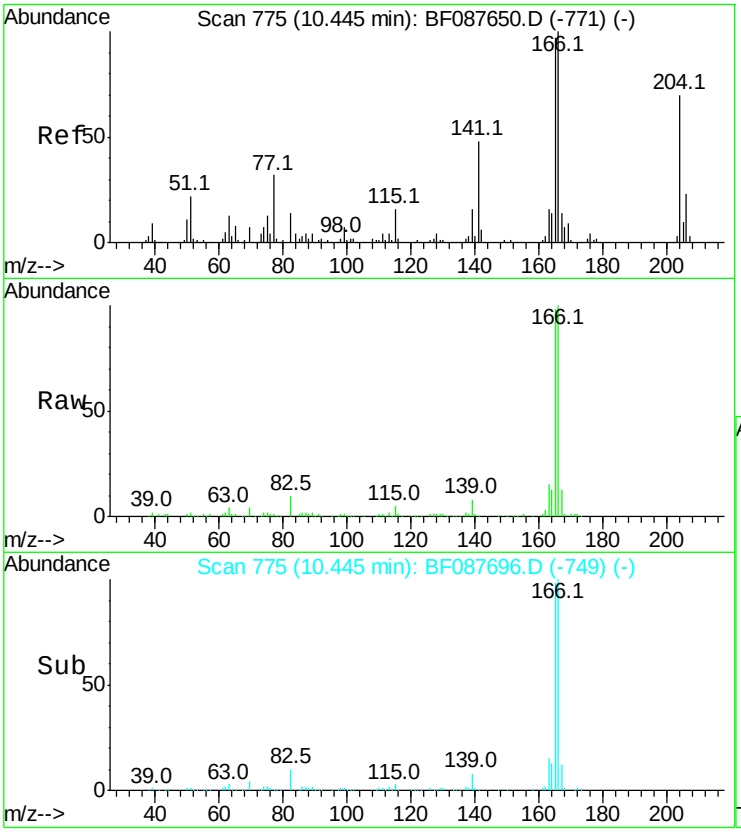


#54
Dibenzofuran
Concen: 2.70 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:168 Resp: 54997

Ion	Ratio	Lower	Upper
168	100		
139	34.9	26.4	39.6
169	17.1	10.4	15.6#



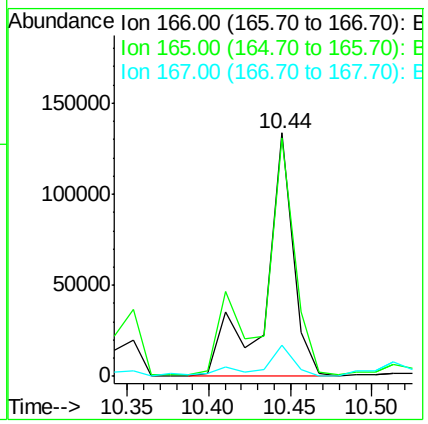


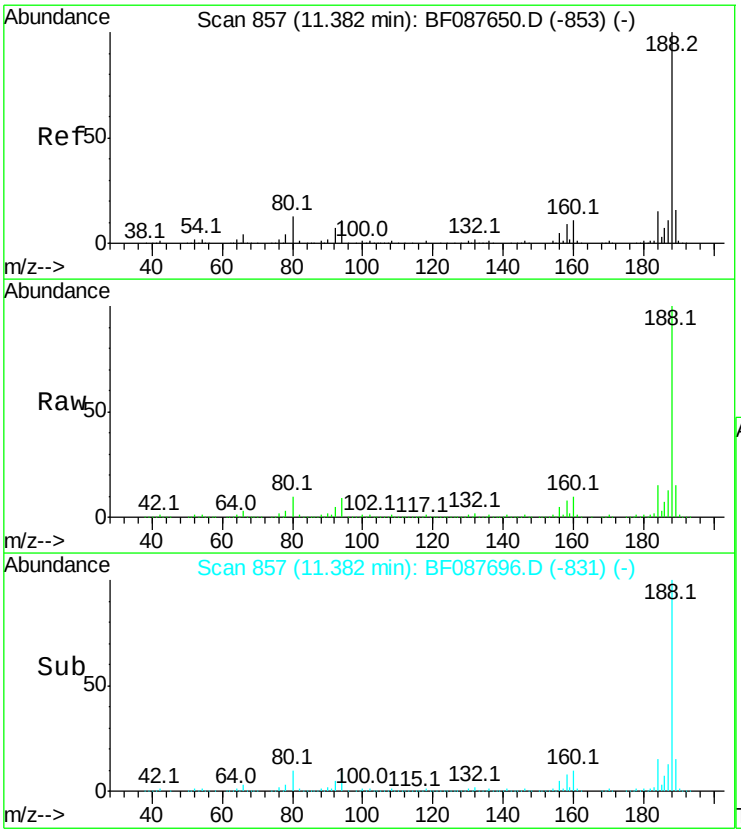
#57
Fluorene
Concen: 10.11 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:166 Resp: 161157

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	13.0	11.2	16.8

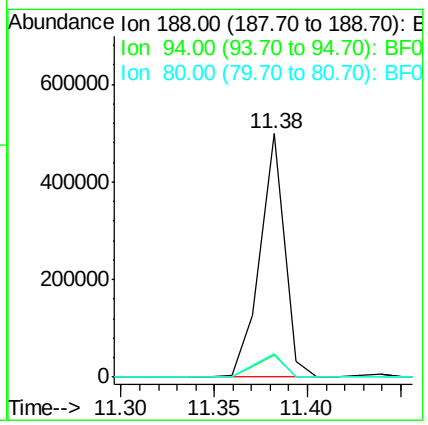


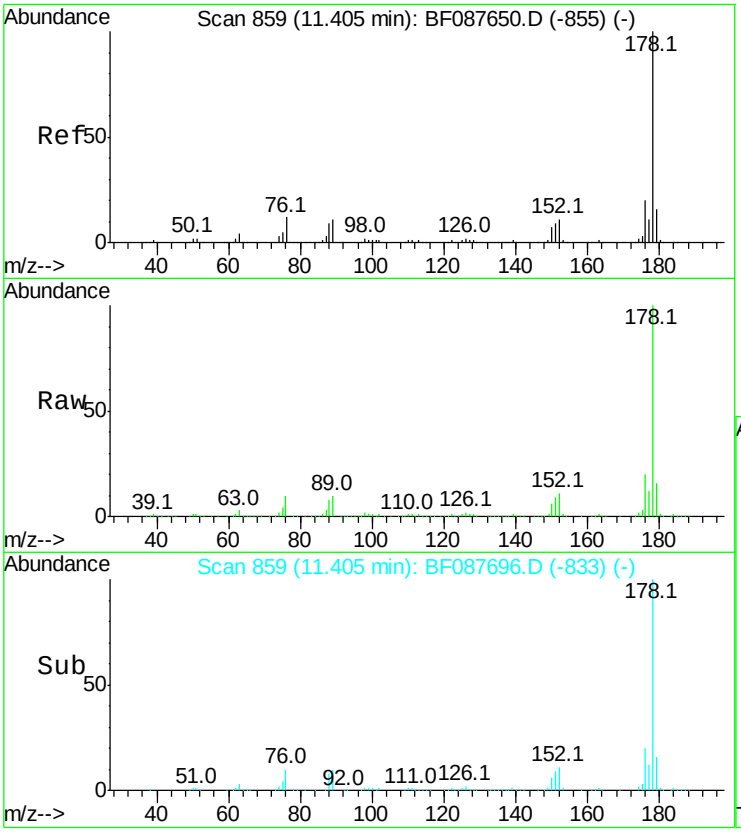


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:188 Resp: 454764

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.6
80	9.7	10.0	15.0#



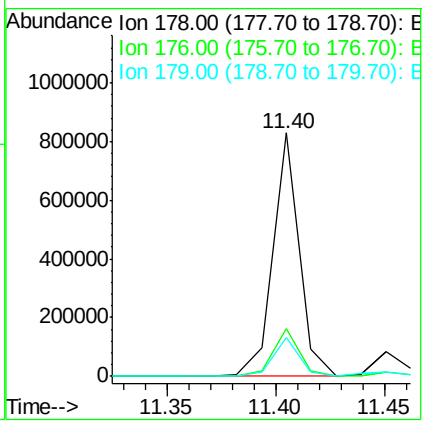


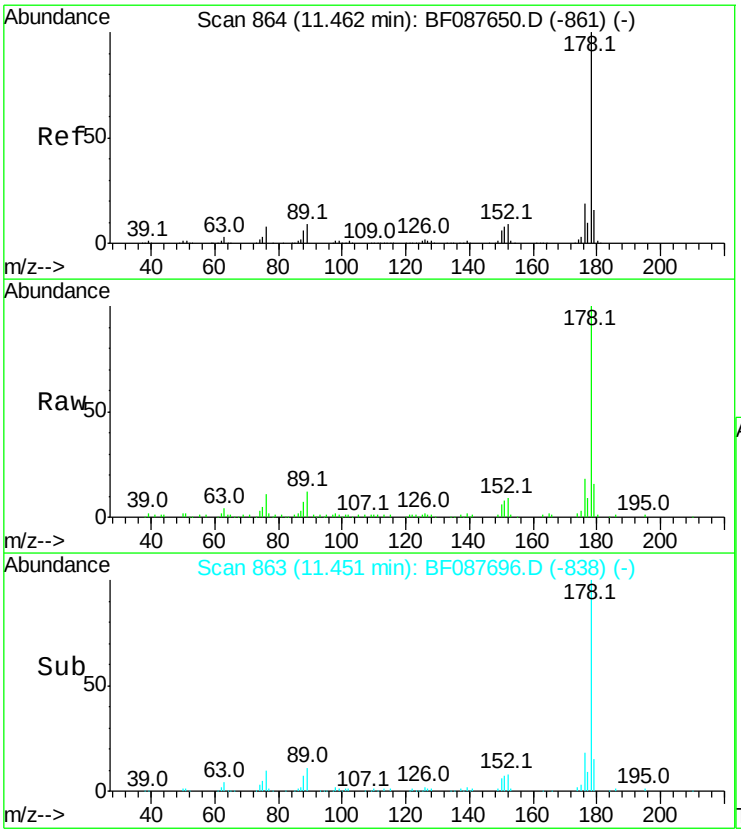
#70
Phenanthrene
Concen: 28.57 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:178 Resp: 704396

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.9	13.0	19.4

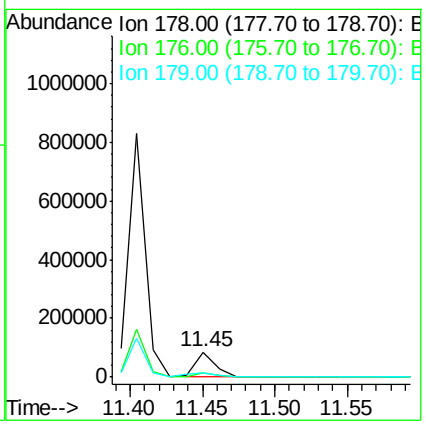


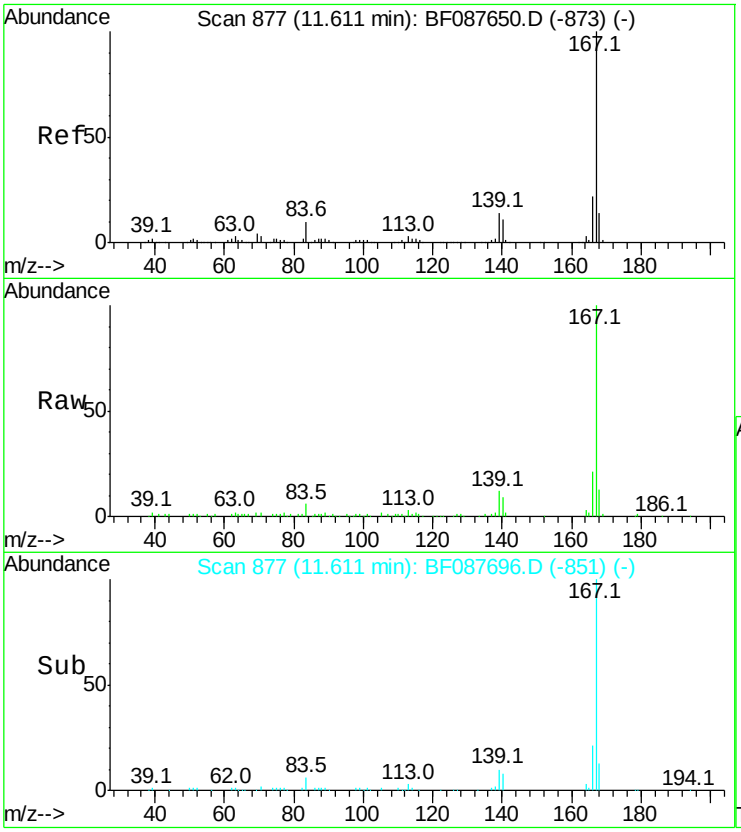


#71
Anthracene
Concen: 3.25 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:178 Resp: 80246

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.9	12.8	19.2



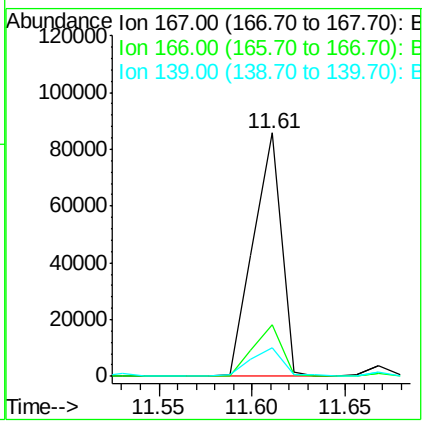


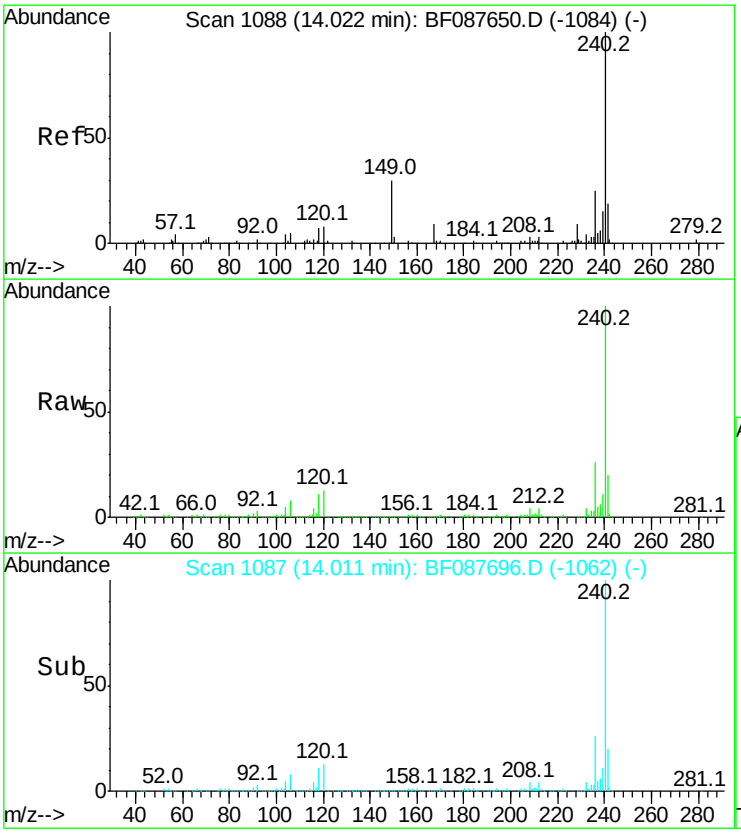
#72
Carbazole
Concen: 3.84 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:167 Resp: 89770

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.8	26.6
139	11.7	11.2	16.8

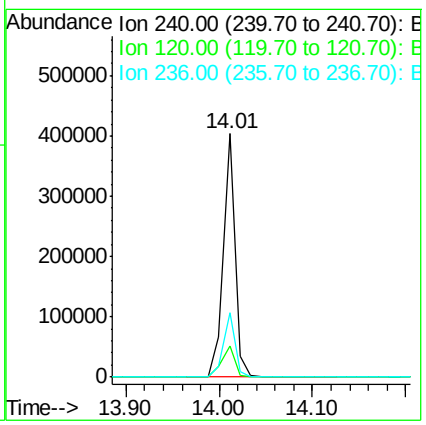


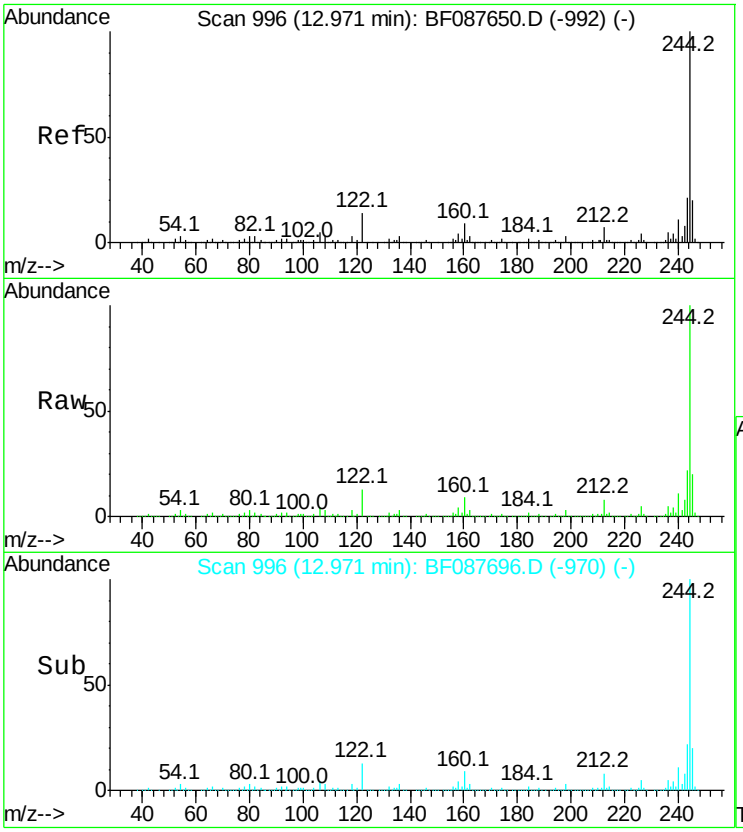


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:240 Resp: 352922

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	26.2	20.2	30.2



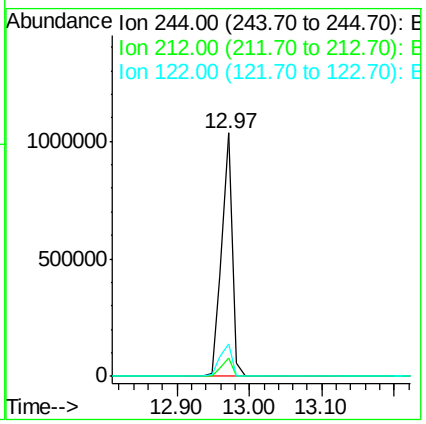


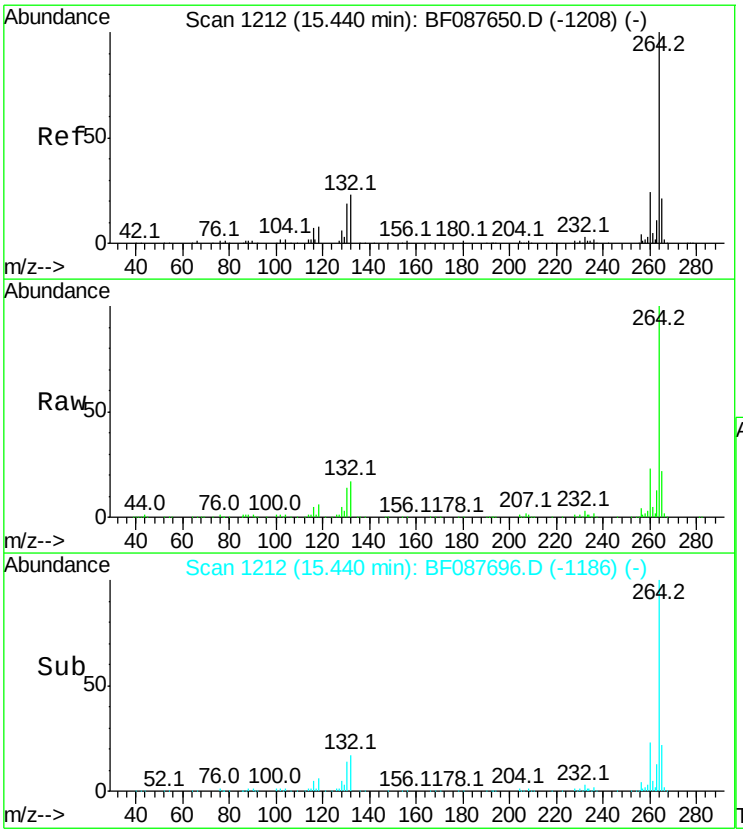
#78
Terphenyl-d14
Concen: 73.16 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 1058159

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087696.D
Acq: 5 Jun 2016 8:41

Tgt Ion:264 Resp: 266657

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	16.9	25.3