Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087617.D
Acq On : 1 Jun 2016 11:43
Operator : UM/SJ
Sample : H3290-01RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GM-SP-(0-4)RE

Quant Time: Jun 01 13:36:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	129185	20.00	ng		-0.08
21) Naphthalene-d8	9.47	136	529022	20.00	ng		-0.08
38) Acenaphthene-d10	12.30	164	213106	20.00	ng		-0.09
63) Phenanthrene-d10	14.70	188	321290	20.00	ng		-0.08
75) Chrysene-d12	18.42	240	277469	20.00	ng		-0.06
86) Perylene-d12	20.11	264	216049	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	847517	115.28	ng		-0.06
7) Phenol-d6	7.02	99	1122074	112.95	ng		-0.06
23) Nitrobenzene-d5	8.36	82	774838	73.82	ng		-0.08
41) 2,4,6-Tribromophenol	13.60	330	186435	91.04	ng		-0.08
44) 2-Fluorobiphenyl	11.25	172	1087303	71.93	ng		-0.09
78) Terphenyl-d14	17.06	244	709535	54.37	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.36	70	98436	13.29	ng	#	75
31) Naphthalene	9.51	128	104239	3.93	ng		99
32) Benzoic acid	9.40	122	244	5.88	ng	#	12
37) 2-Methylnaphthalene	10.64	142	76241	4.60	ng		97
48) Acenaphthylene	12.07	152	213473	9.82	ng		98
49) Dimethylphthalate	11.94	163	158582	9.29	ng		99
54) Dibenzofuran	12.65	168	42704	2.36	ng		94
55) 4-Nitrophenol	12.65	139	19078	11.33	ng	#	20
70) Phenanthrene	14.74	178	324704	18.25	ng		98
71) Anthracene	14.82	178	216557	12.05	ng		97
72) Carbazole	15.14	167	55501	3.62	ng		95
74) Fluoranthene	16.51	202	903611	50.63	ng		94
77) Pyrene	16.81	202	832126	41.66	ng		97
79) Butylbenzylphthalate	17.73	149	41140	4.64	ng	#	81
80) Benzo(a)anthracene	18.46	228	411346	26.06	ng		96
82) Chrysene	18.46	228	414135	26.44	ng		98
85) Indeno(1,2,3-cd)pyrene	21.35	276	203981	16.24	ng	#	88
87) Benzo(b)fluoranthene	19.70	252	840596	61.08	ng		97
88) Benzo(k)fluoranthene	19.70	252	840596	70.96	ng		100
89) Benzo(a)pyrene	20.06	252	313597	26.35	ng		95
90) Dibenzo(a,h)anthracene	21.50	278	33198	3.27	ng		94
91) Benzo(g,h,i)perylene	21.70	276	175025	17.47	ng	#	94

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

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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GM-SP-(0-4)RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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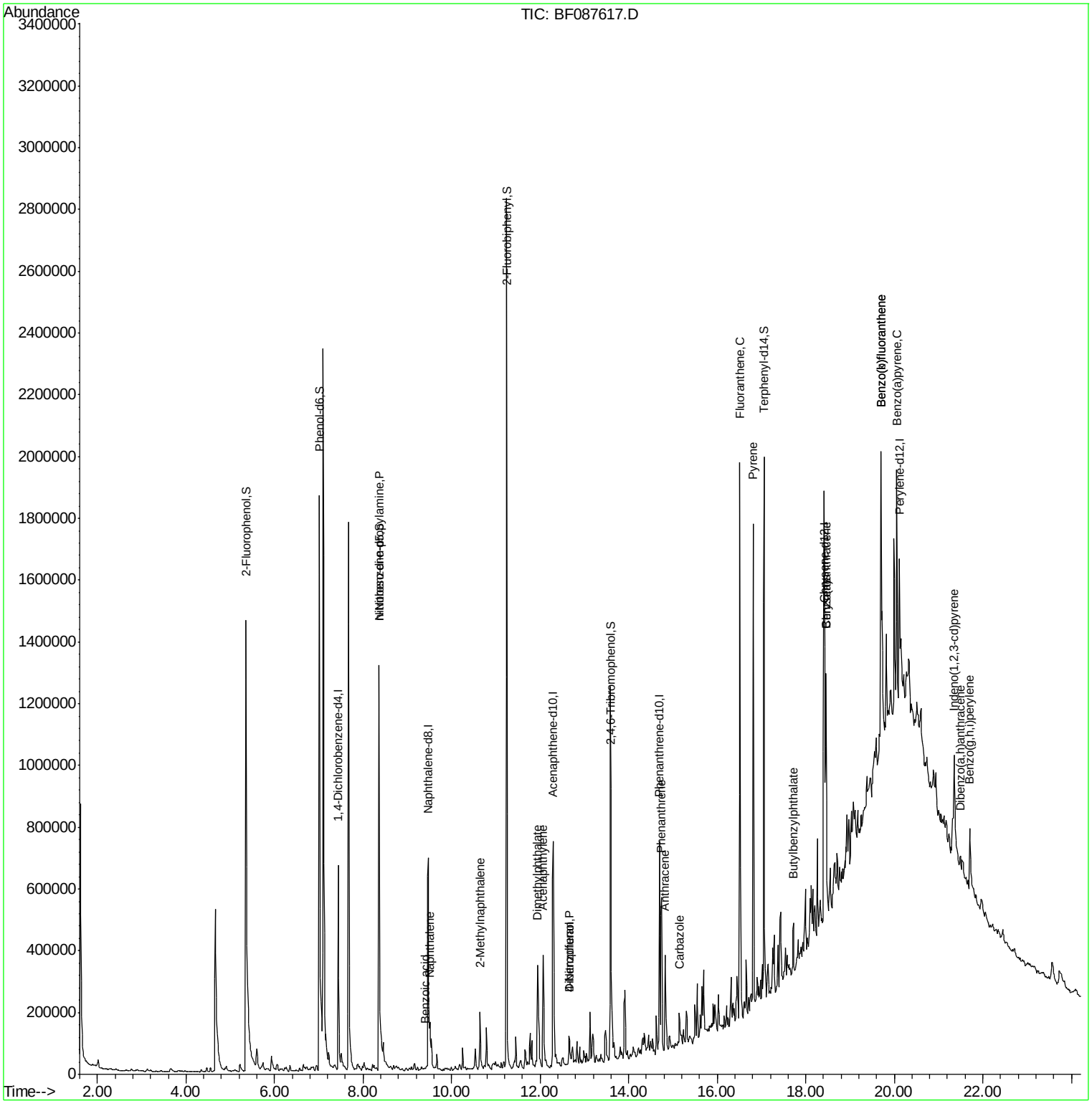
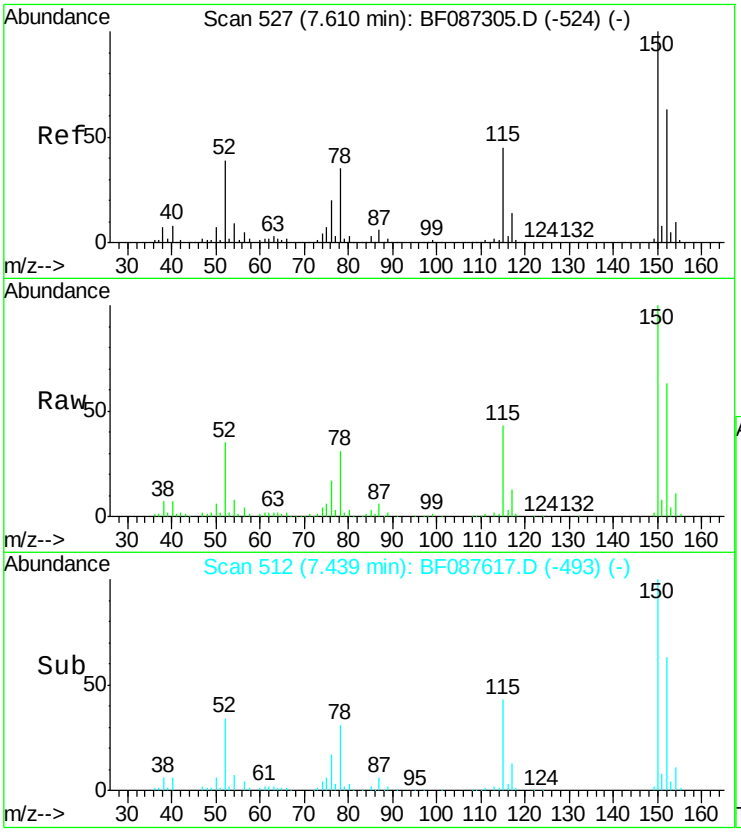


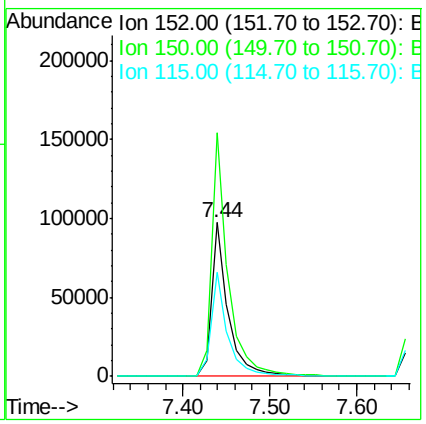


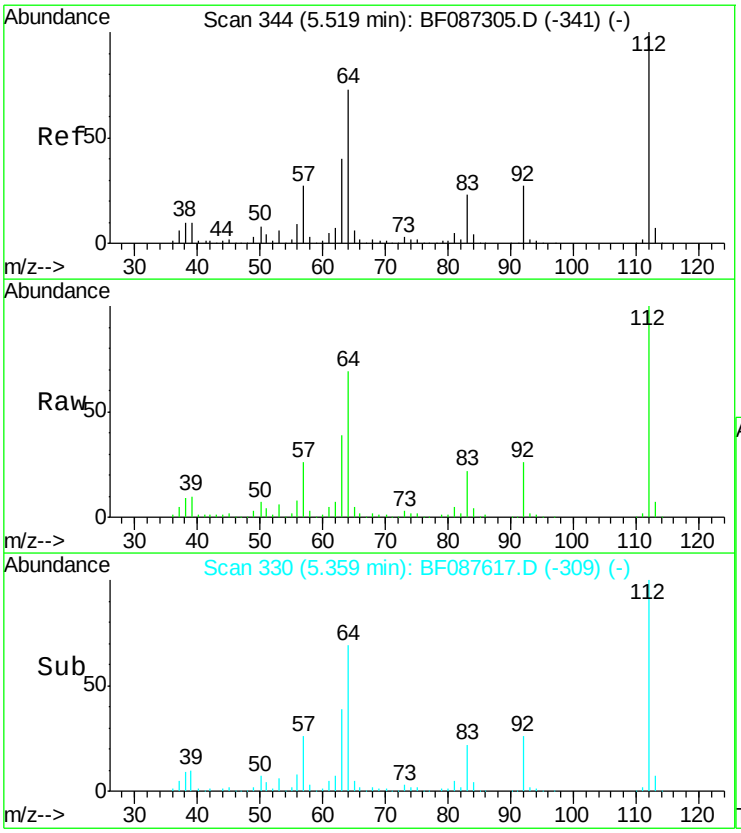
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:152 Resp: 129185

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.8	188.6
115	67.8	51.5	77.3

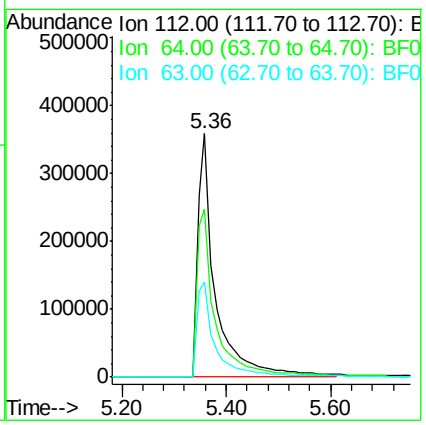


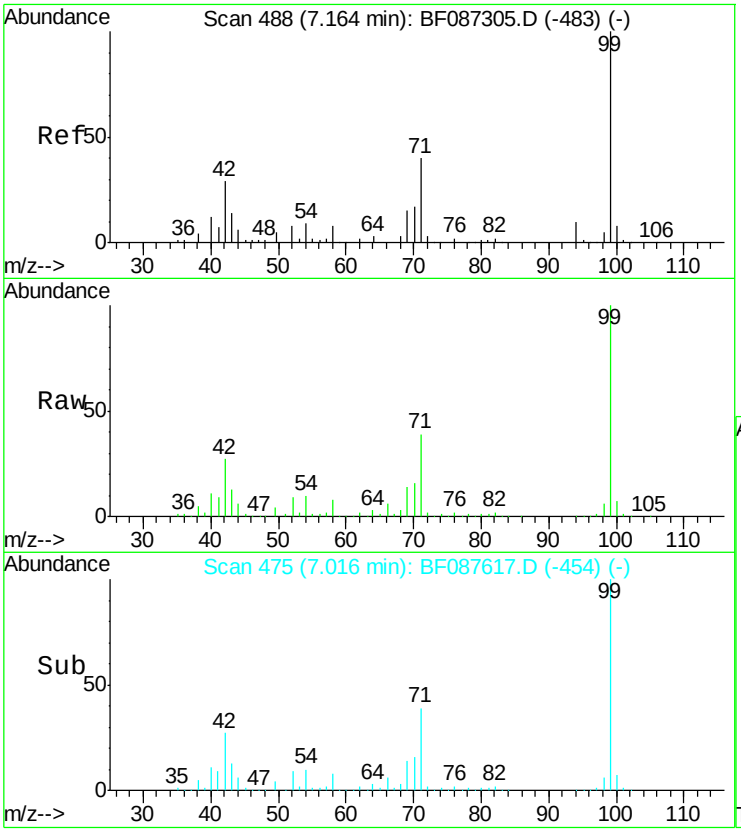


#5
2-Fluorophenol
Concen: 115.28 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.06 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:112 Resp: 847517

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.1	78.1
63	38.8	25.7	38.5#



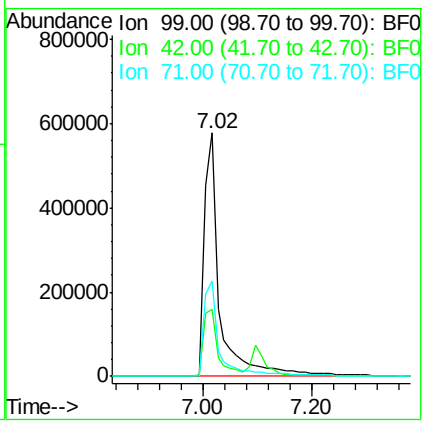


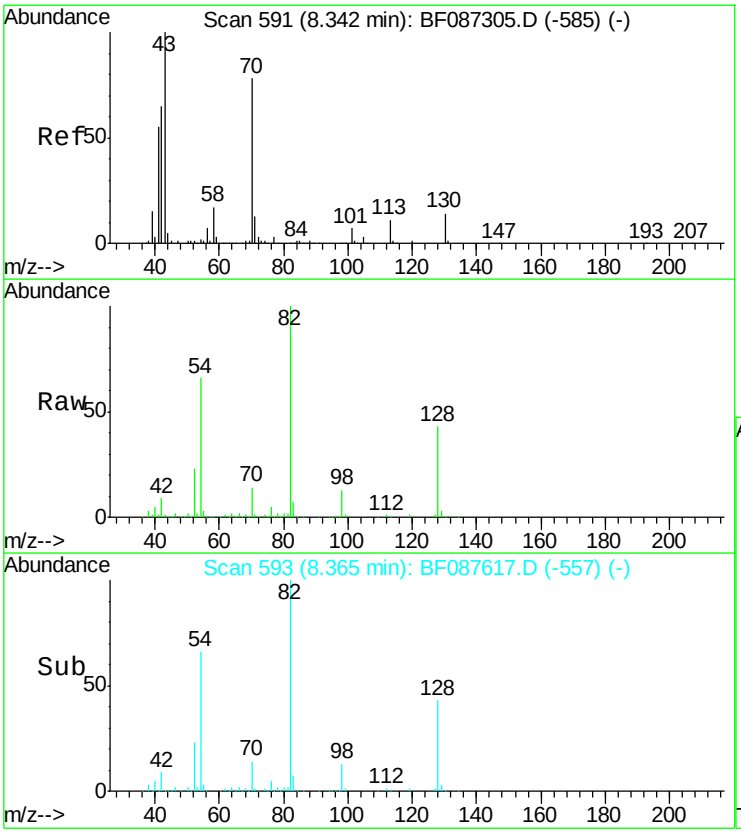
#7
Phenol-d6
Concen: 112.95 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.06 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion: 99 Resp: 1122074

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	39.1	24.6	36.8#

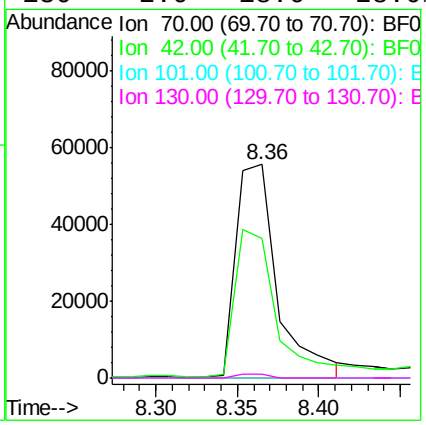


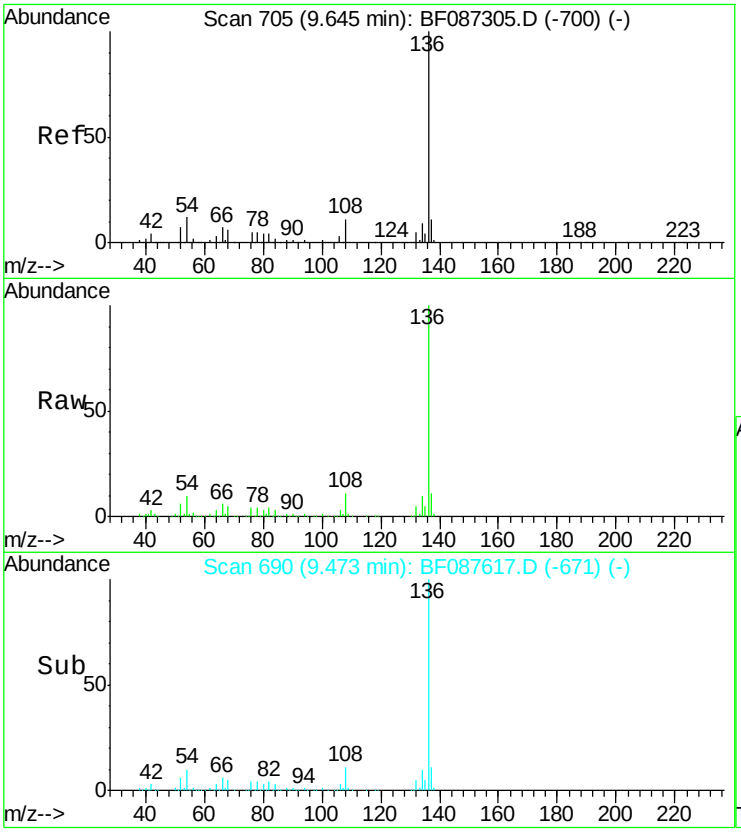


#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion: 70 Resp: 98436

Ion	Ratio	Lower	Upper
70	100		
42	65.5	43.1	64.7#
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



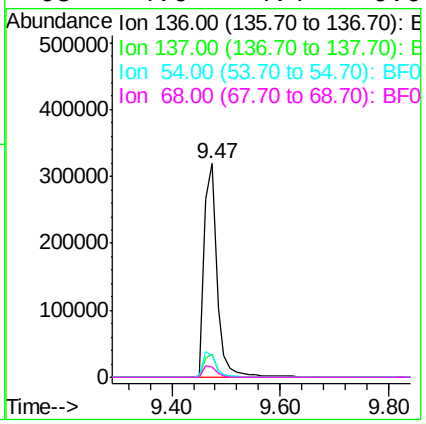


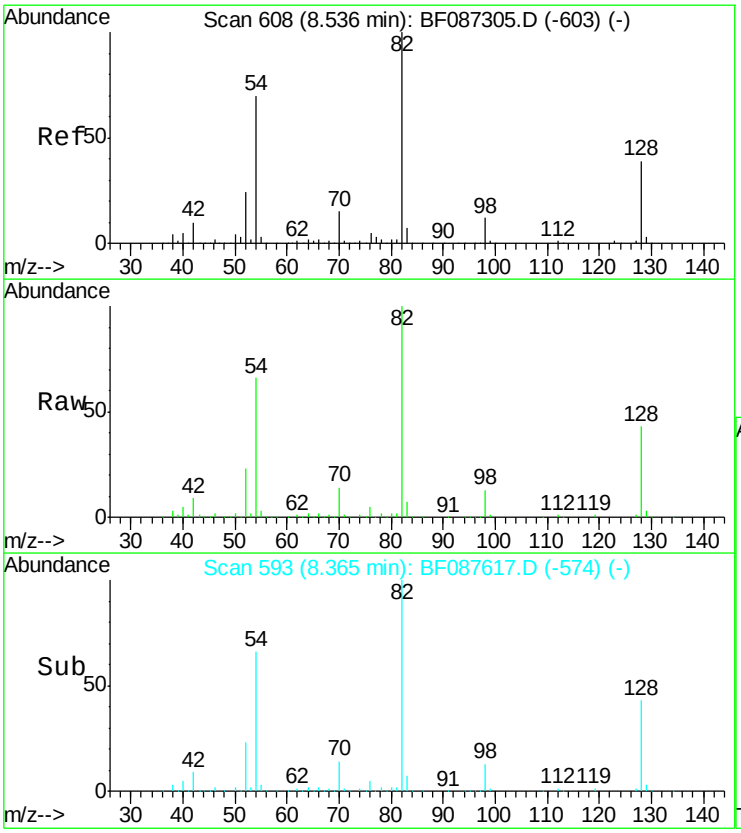
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:136 Resp: 529022

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	5.0	7.4#
68	4.6	4.4	6.6

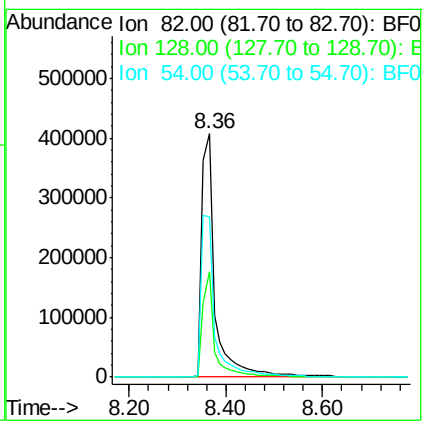


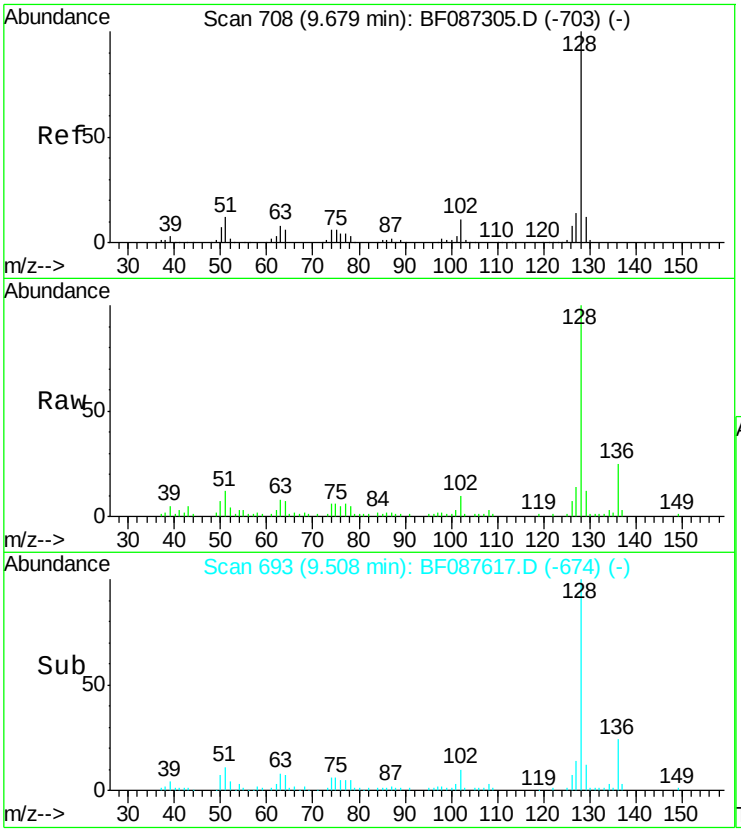


#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion: 82 Resp: 774838

Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	61.0
54	65.9	38.1	57.1#



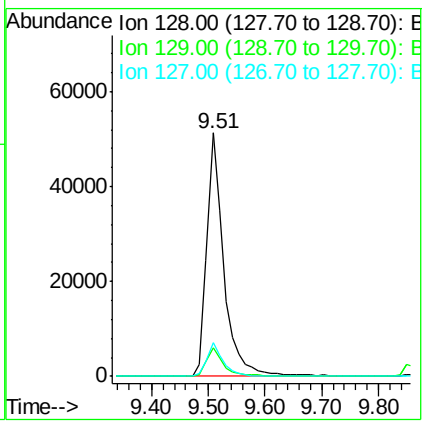


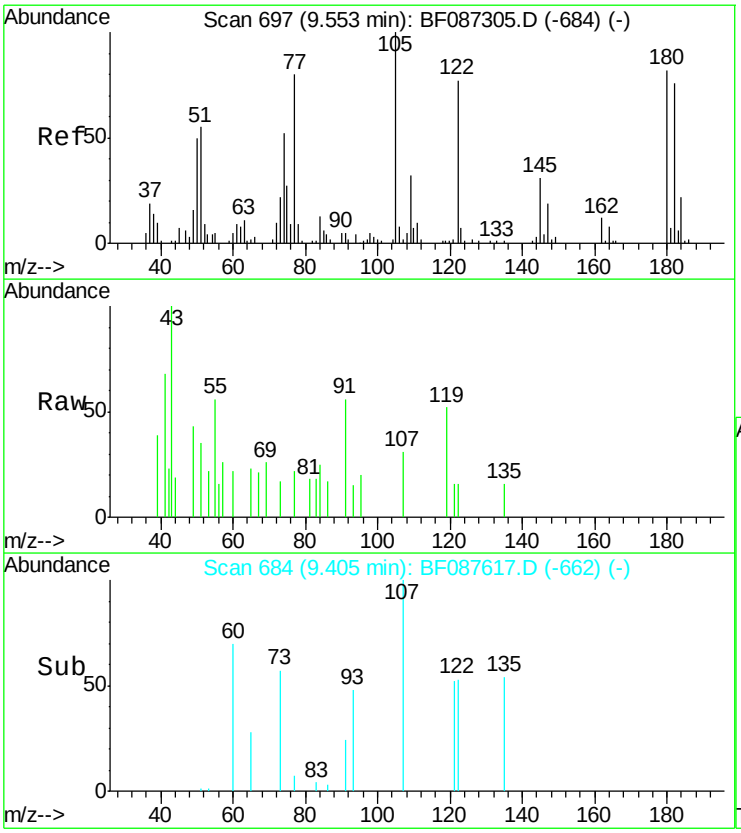
#31
Naphthalene
Concen: 3.93 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:128 Resp: 104239

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.8	10.8	16.2

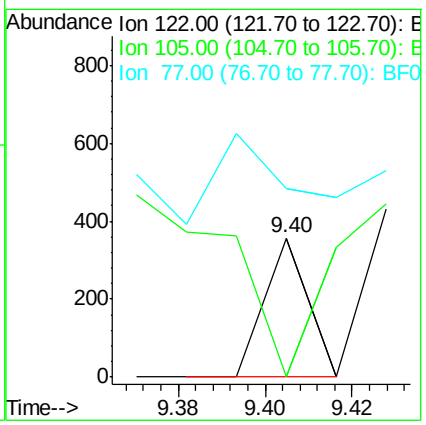


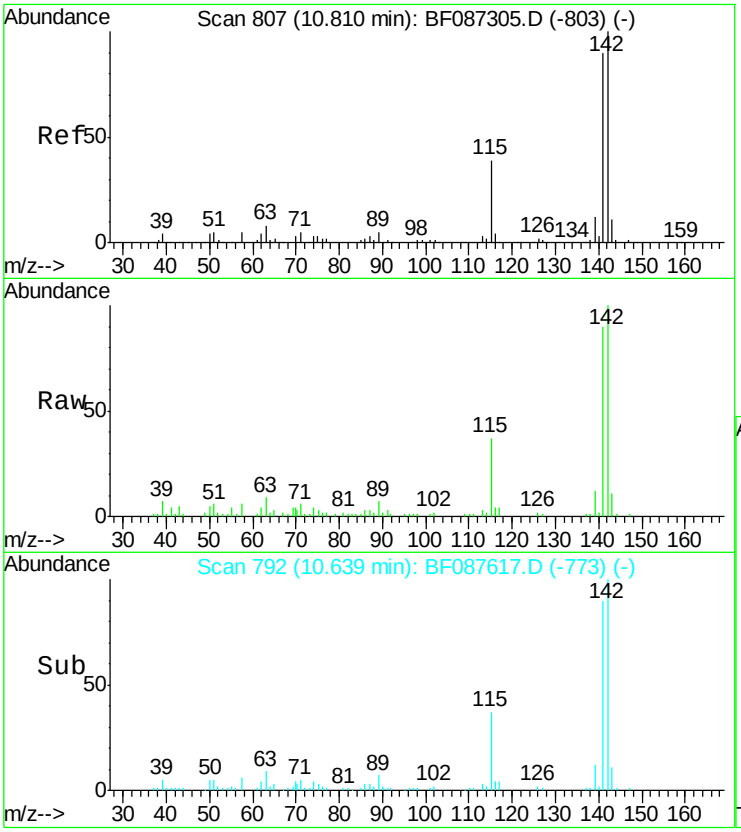


#32
Benzoic acid
Concen: 5.88 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:122 Resp: 244

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	136.0	60.0	100.0#



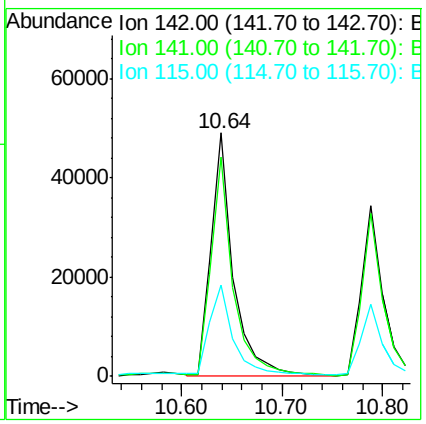


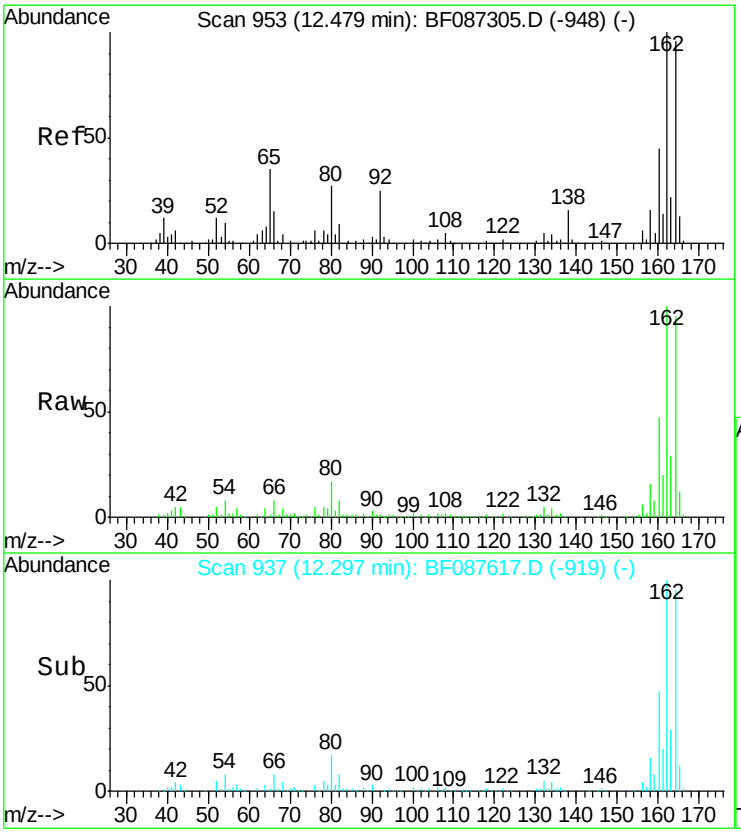
#37
2-Methylnaphthalene
Concen: 4.60 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:142 Resp: 76241

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	37.4	26.6	39.8

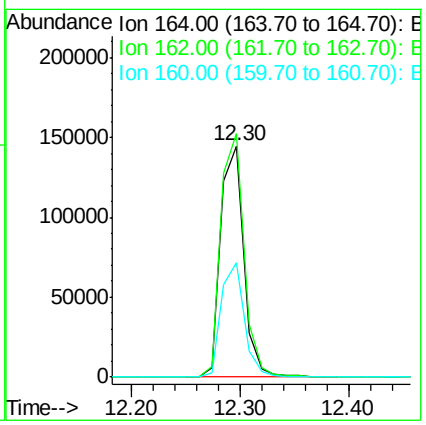


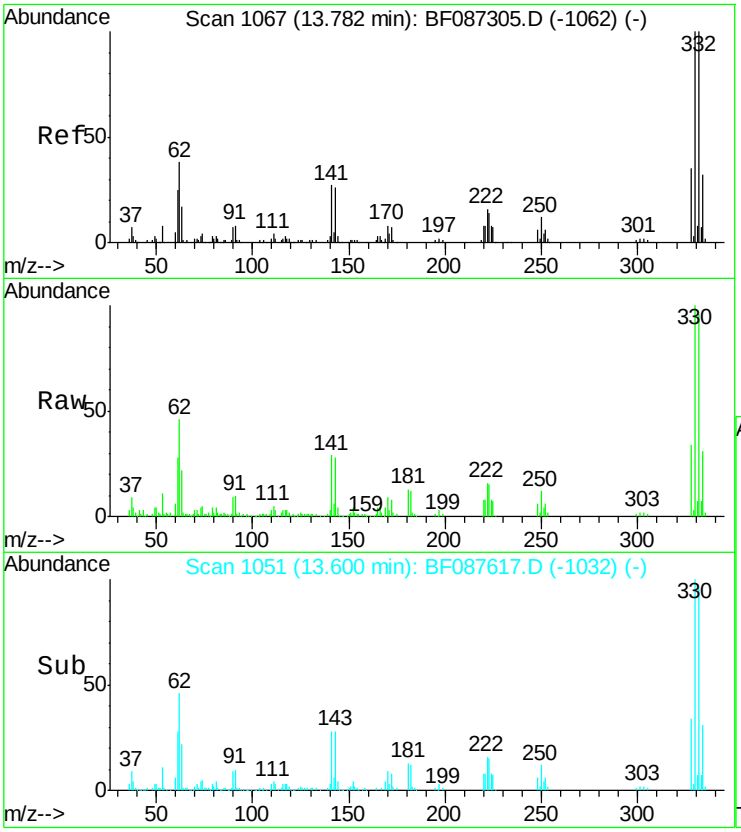


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:164 Resp: 213106

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.8	124.2
160	49.3	36.9	55.3



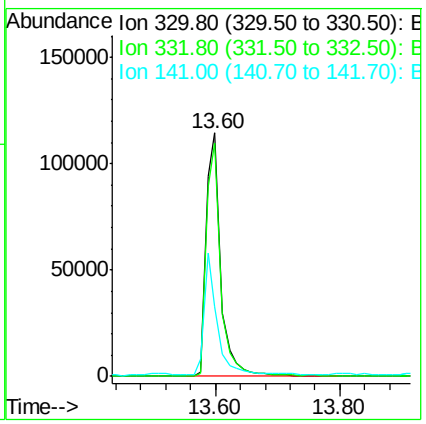


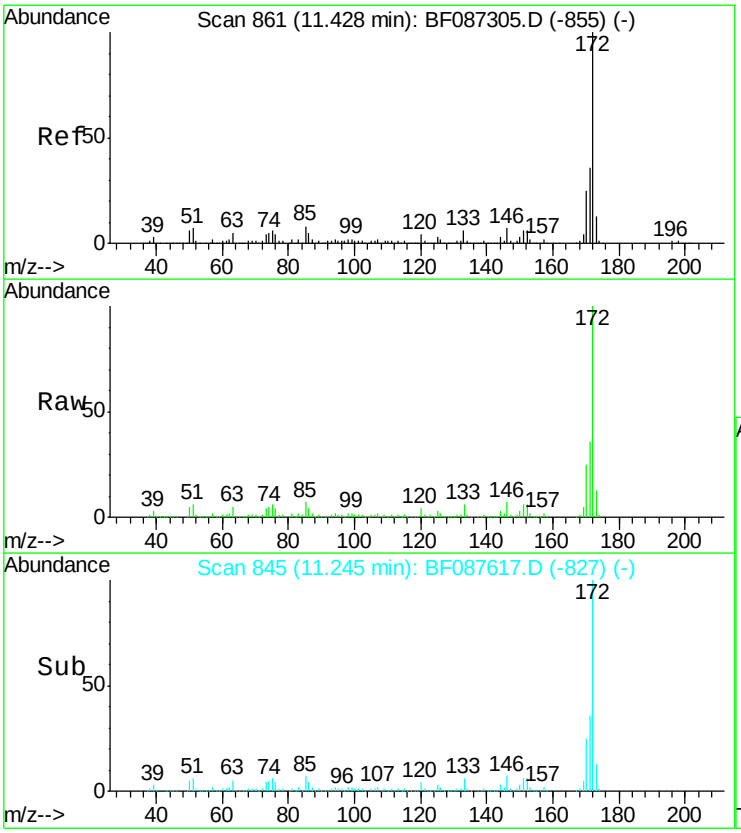
#41
2,4,6-Tribromophenol
Concen: 91.04 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:330 Resp: 186435

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	45.1	31.2	46.8

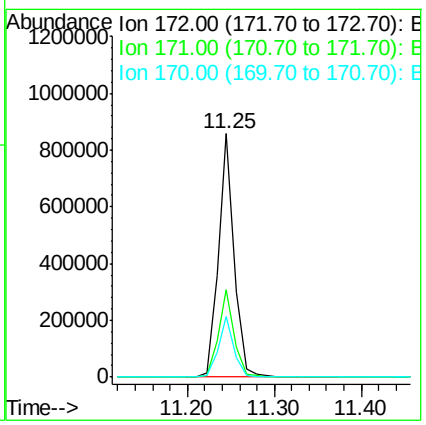


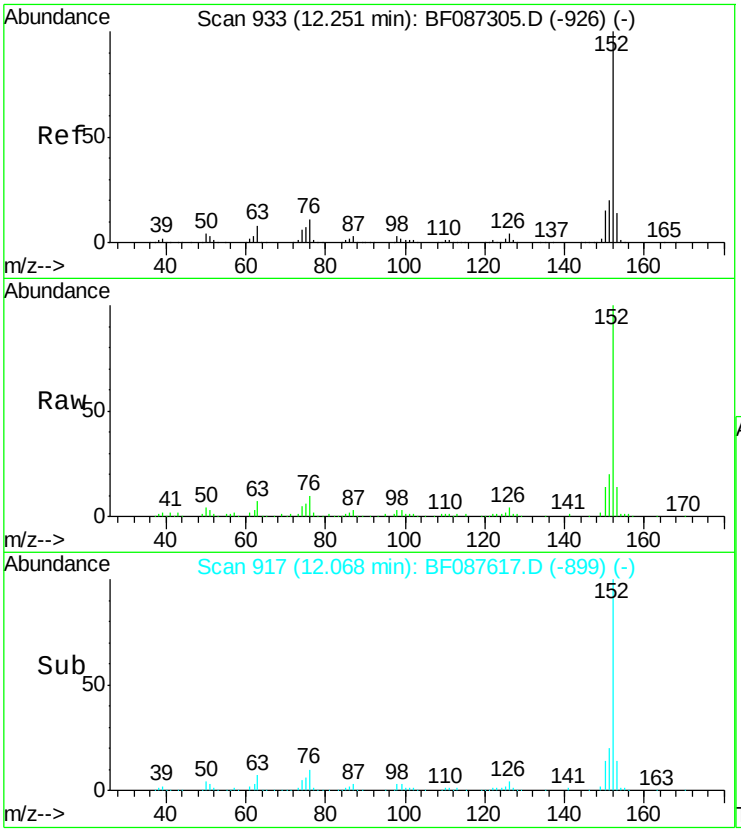


#44
2-Fluorobiphenyl
Concen: 71.93 ng
RT: 11.25 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:172 Resp: 1087303

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.9	19.8	29.8



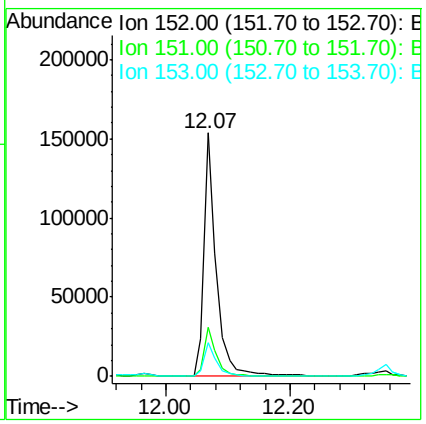


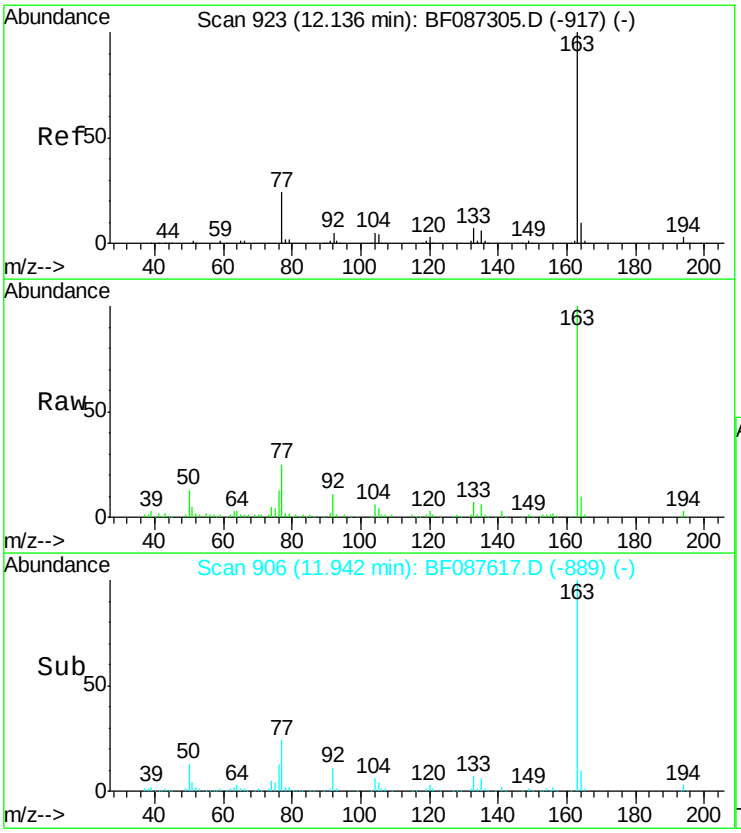
#48
Acenaphthylene
Concen: 9.82 ng
RT: 12.07 min Scan# 917
Delta R.T. -0.09 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:152 Resp: 213473

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.7	10.9	16.3

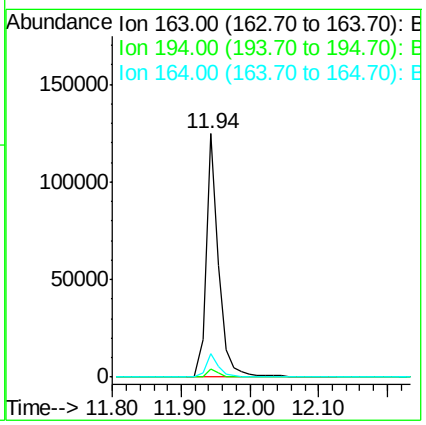


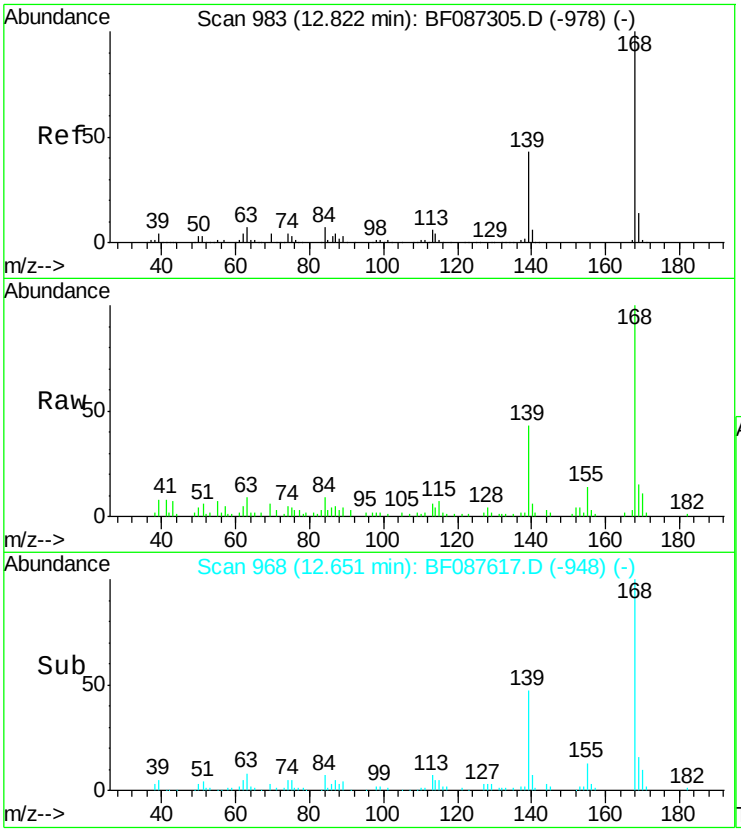


#49
Dimethylphthalate
Concen: 9.29 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.10 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:163 Resp: 158582

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.2	12.4



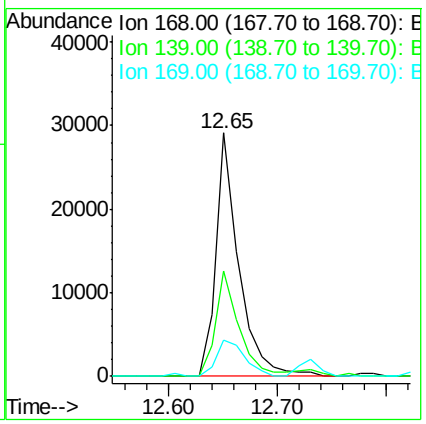


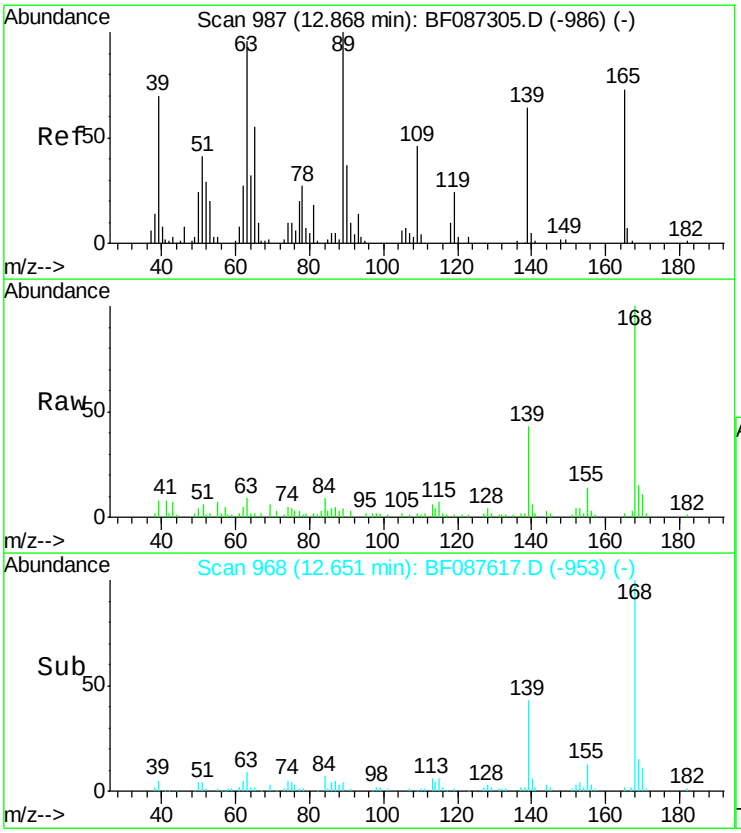
#54
Dibenzofuran
Concen: 2.36 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.07 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:168 Resp: 42704

Ion	Ratio	Lower	Upper
168	100		
139	43.2	31.4	47.0
169	14.9	10.7	16.1

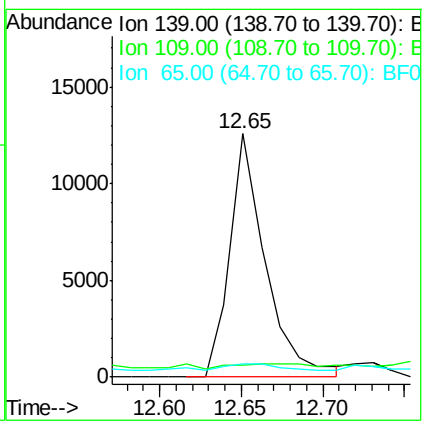


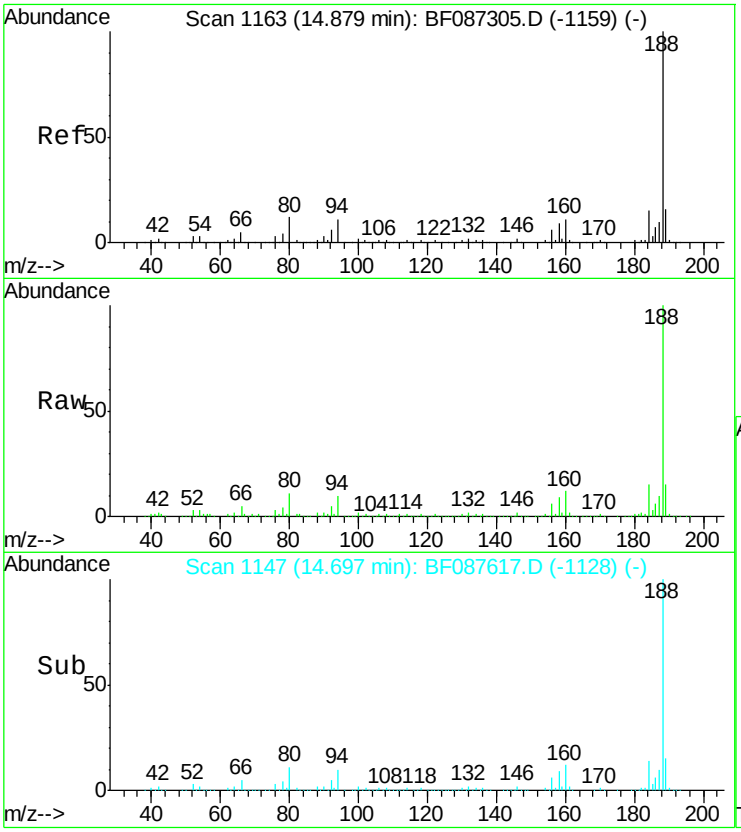


#55
4-Nitrophenol
Concen: 11.33 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.13 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:139 Resp: 19078

Ion	Ratio	Lower	Upper
139	100		
109	4.9	36.9	76.9#
65	5.6	64.0	104.0#



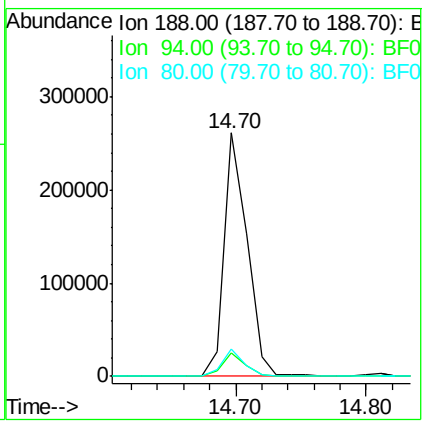


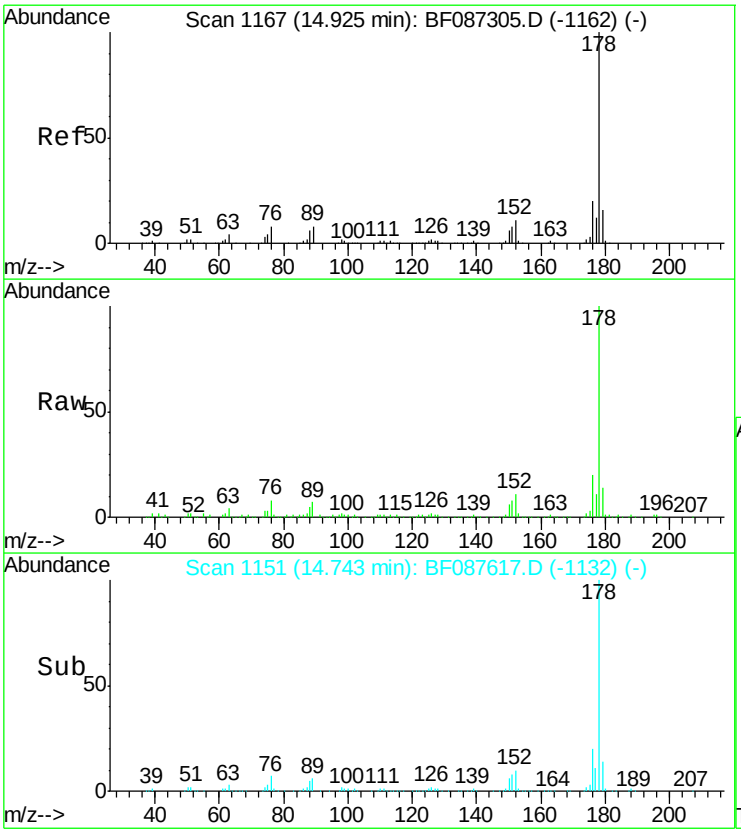
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:188 Resp: 321290

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.8	10.2
80	11.2	7.1	10.7#

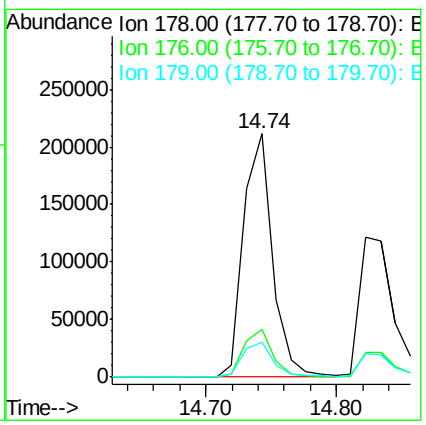


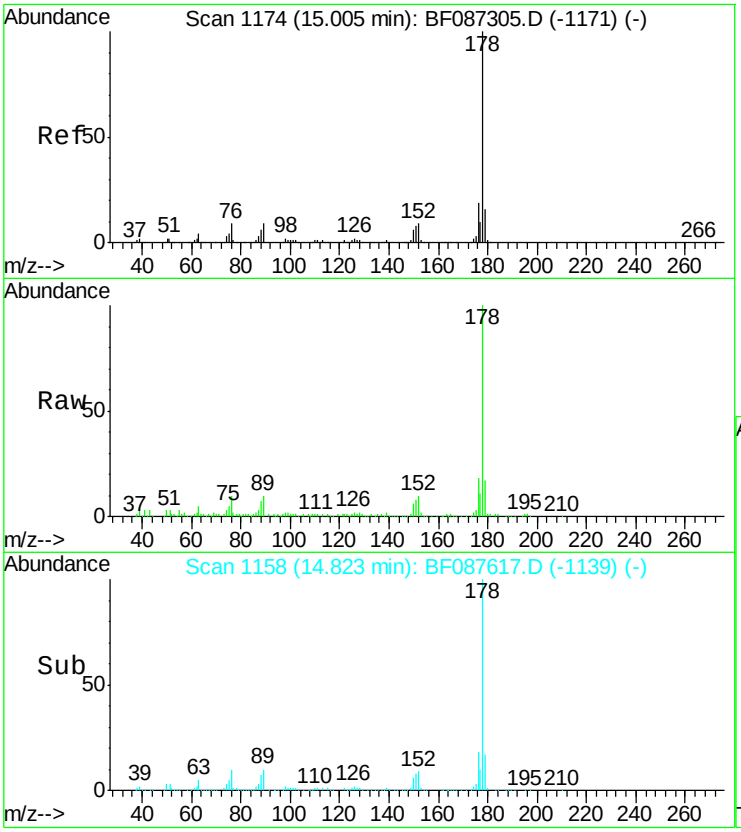


#70
Phenanthrene
Concen: 18.25 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:178 Resp: 324704

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	14.3	12.6	18.8



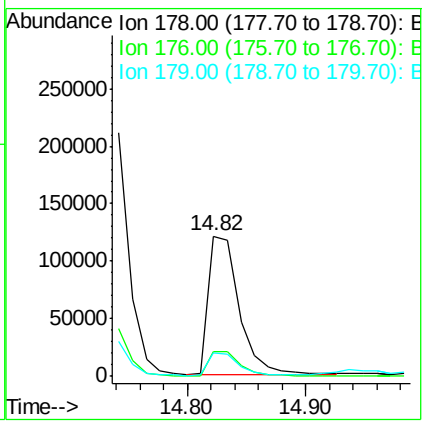


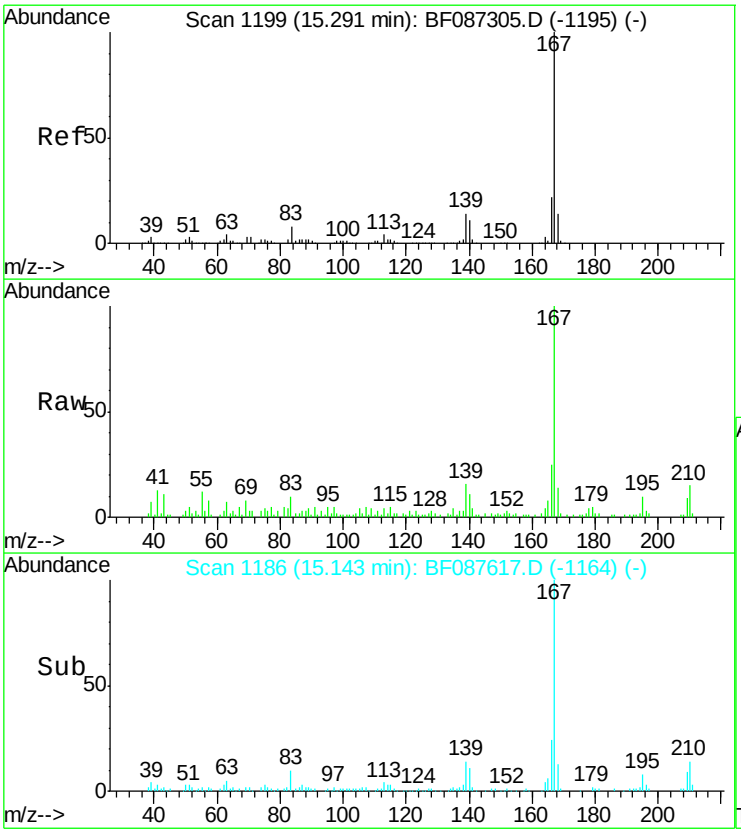
#71
Anthracene
Concen: 12.05 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.08 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:178 Resp: 216557

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	16.9	12.7	19.1

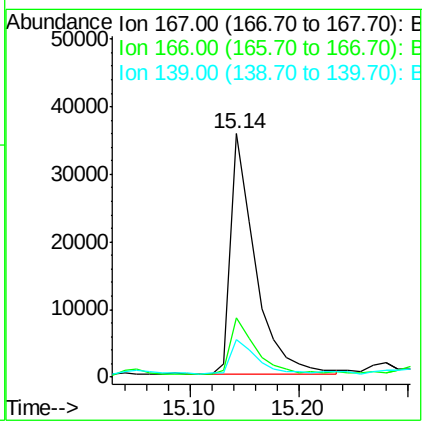


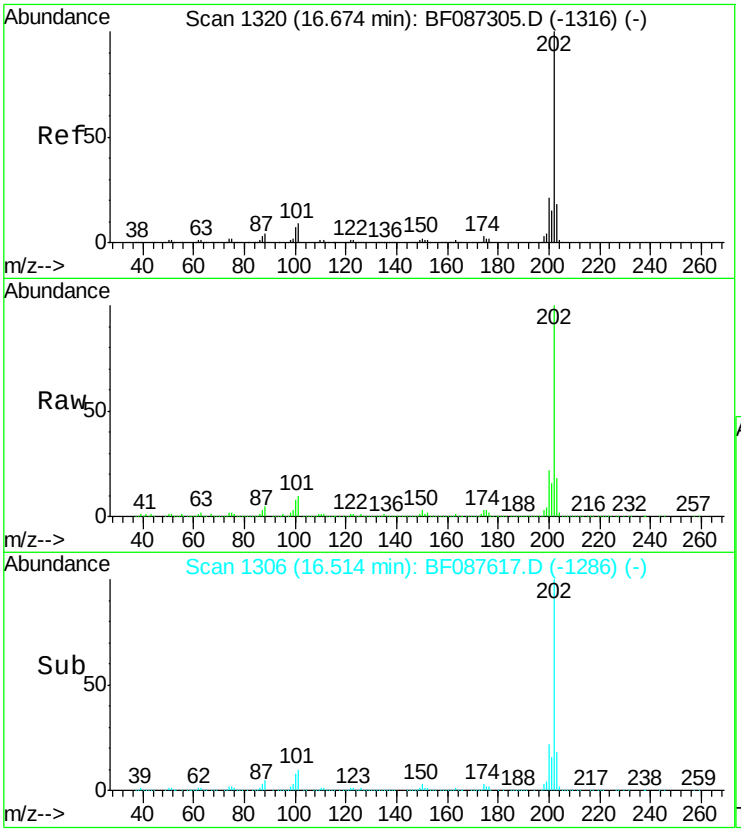


#72
Carbazole
Concen: 3.62 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:167 Resp: 55501

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.7	26.5
139	15.6	10.8	16.2



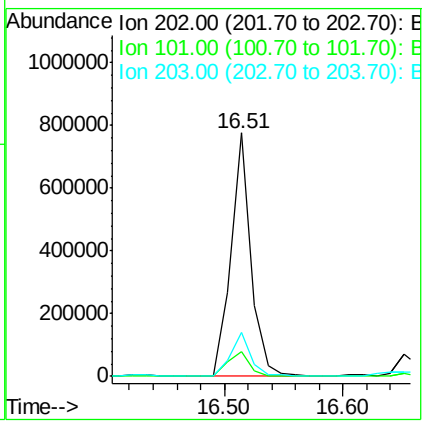


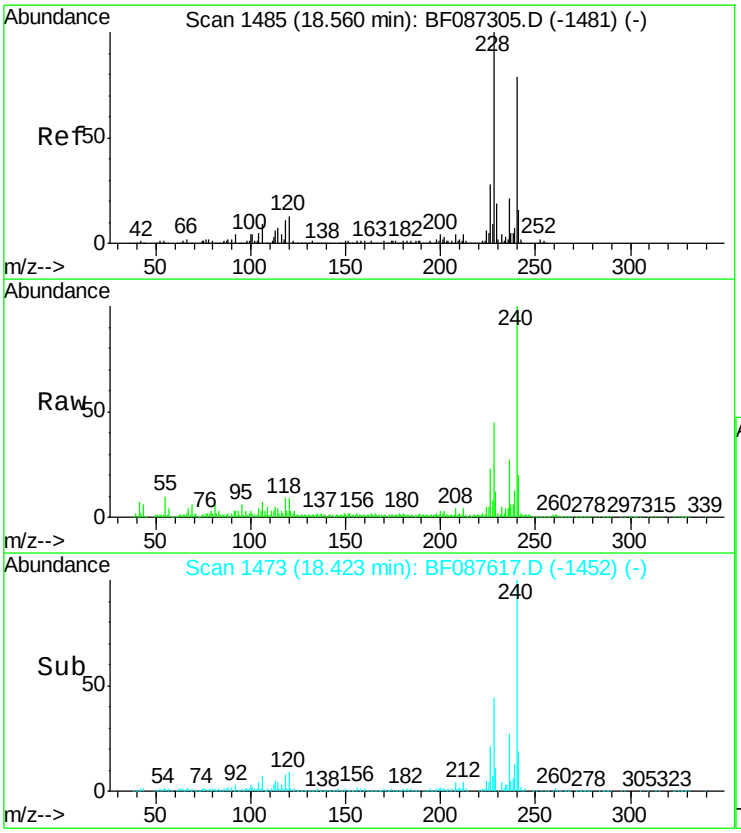
#74
Fluoranthene
Concen: 50.63 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:202 Resp: 903611

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	35.4
203	17.8	0.0	38.1

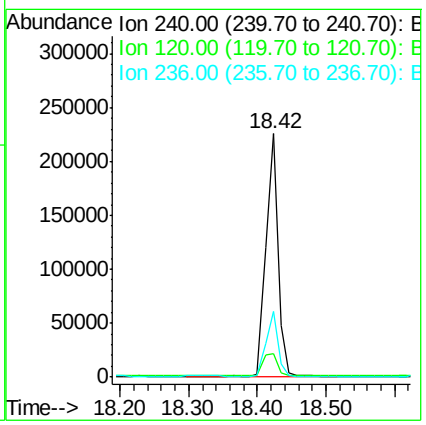


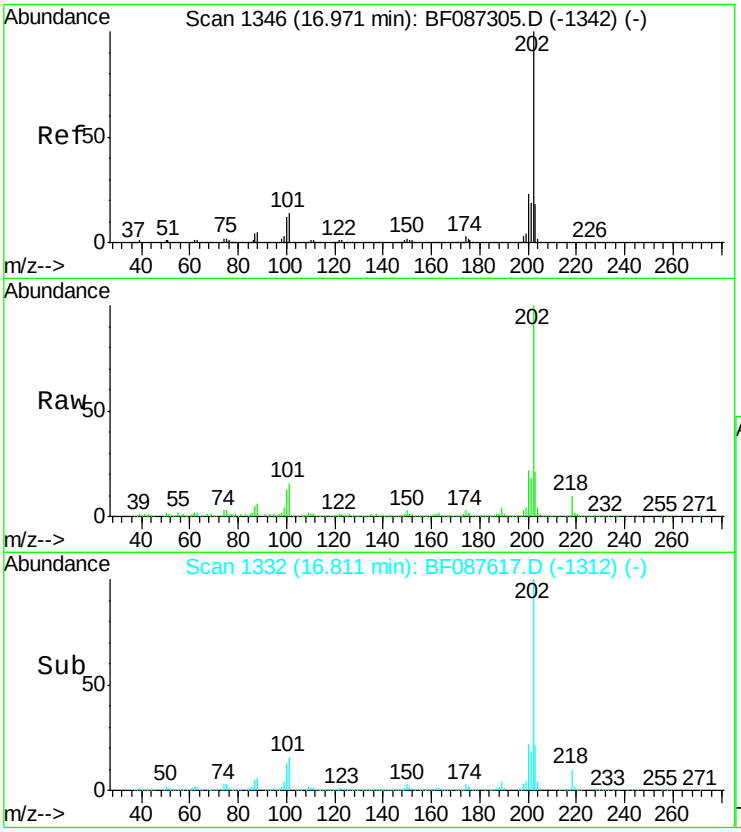


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:240 Resp: 277469

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	27.1	21.2	31.8



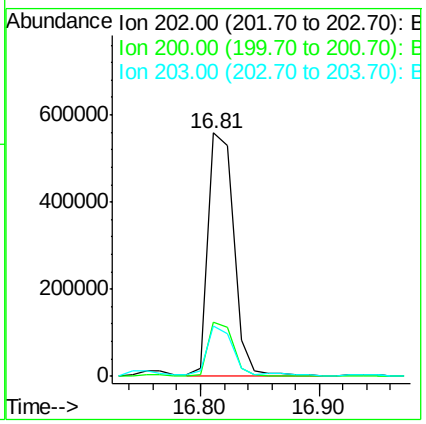


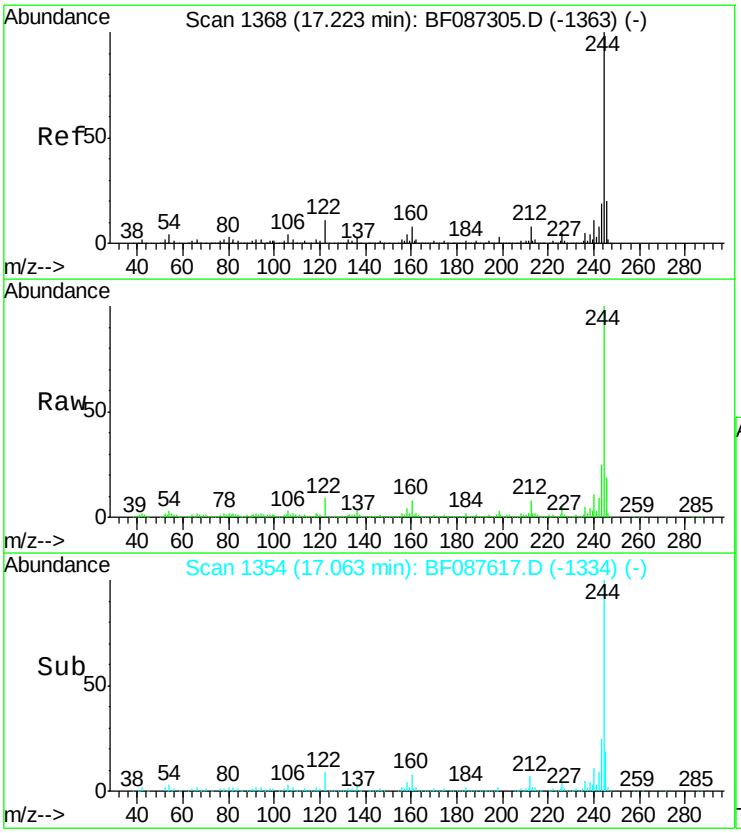
#77
Pyrene
Concen: 41.66 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.07 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:202 Resp: 832126

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	20.7	14.2	21.4

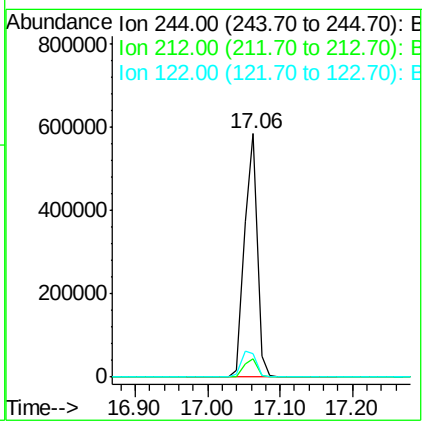


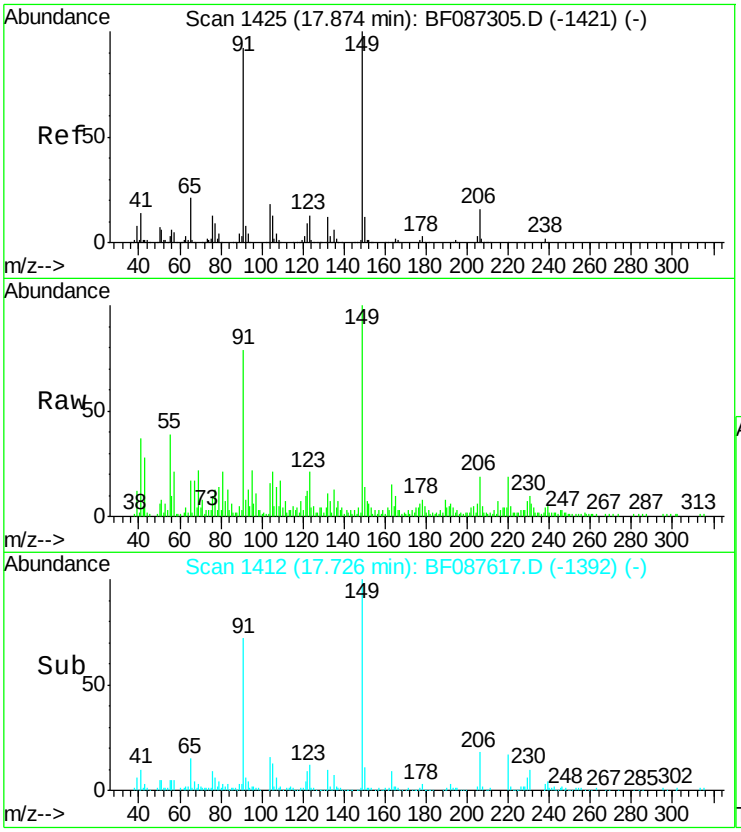


#78
Terphenyl-d14
Concen: 54.37 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:244 Resp: 709535

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.4	12.0	18.0#



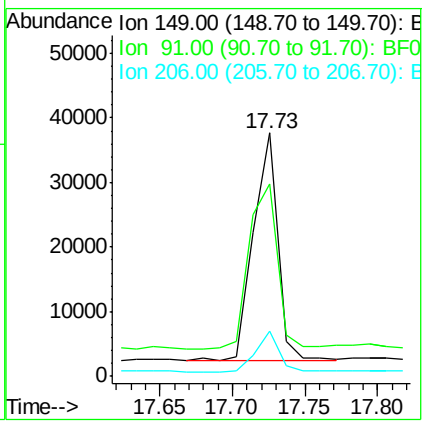


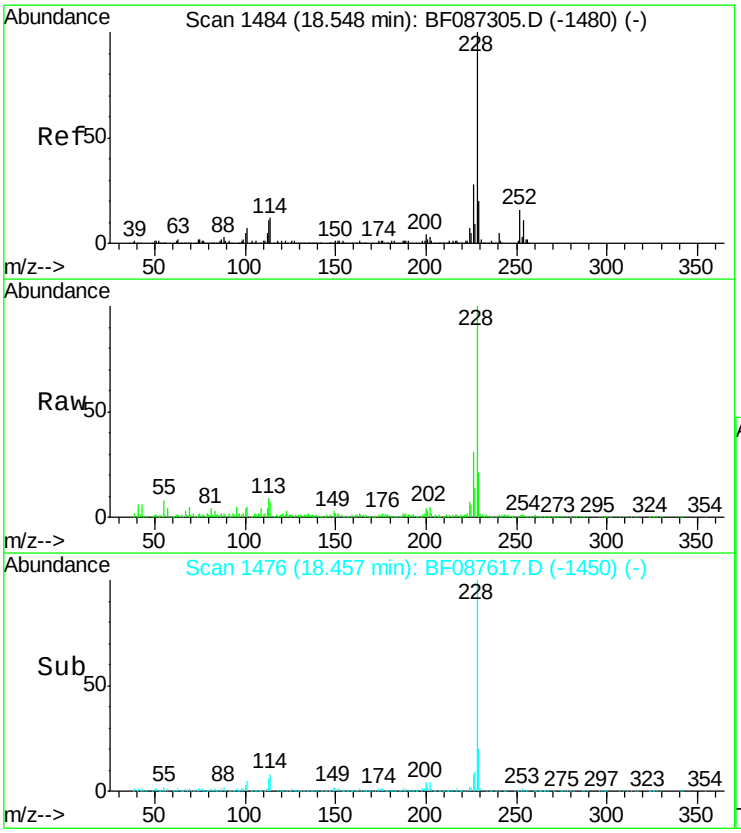
#79
Butylbenzylphthalate
Concen: 4.64 ng
RT: 17.73 min Scan# 1412
Delta R.T. -0.07 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:149 Resp: 41140

Ion	Ratio	Lower	Upper
149	100		
91	79.1	48.0	72.0#
206	18.8	15.8	23.6

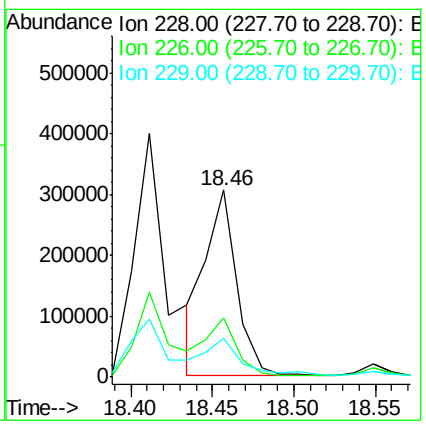


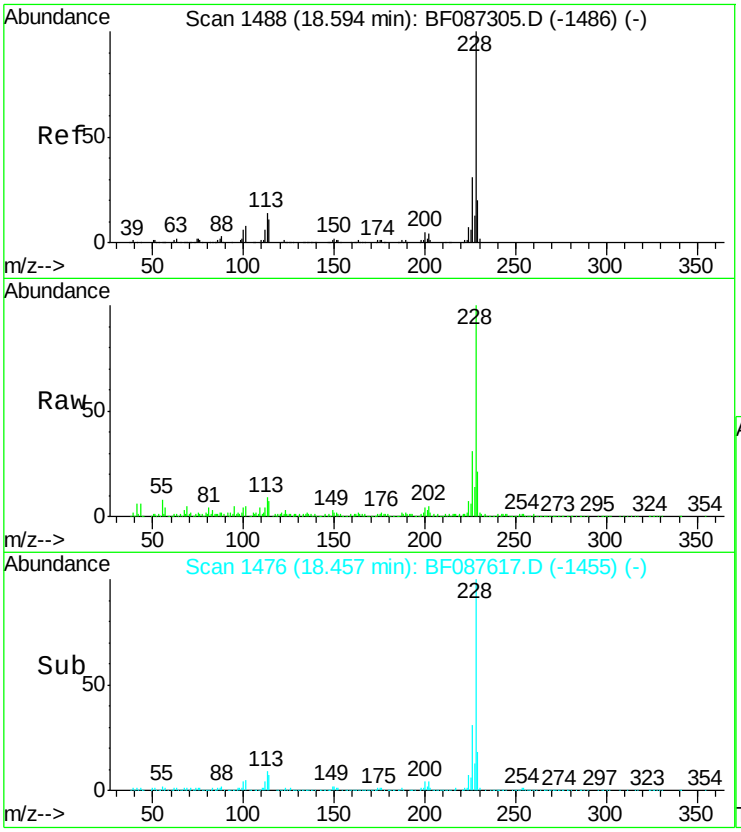


#80
Benzo(a)anthracene
Concen: 26.06 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:228 Resp: 411346

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.5	33.7
229	20.7	16.6	25.0



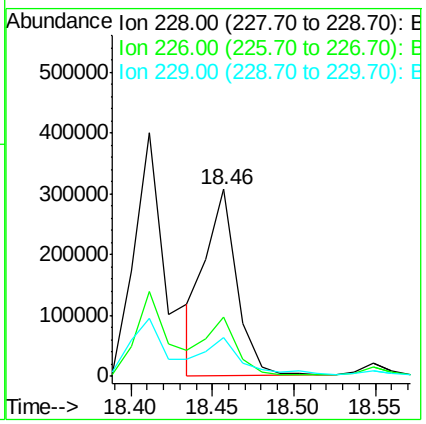


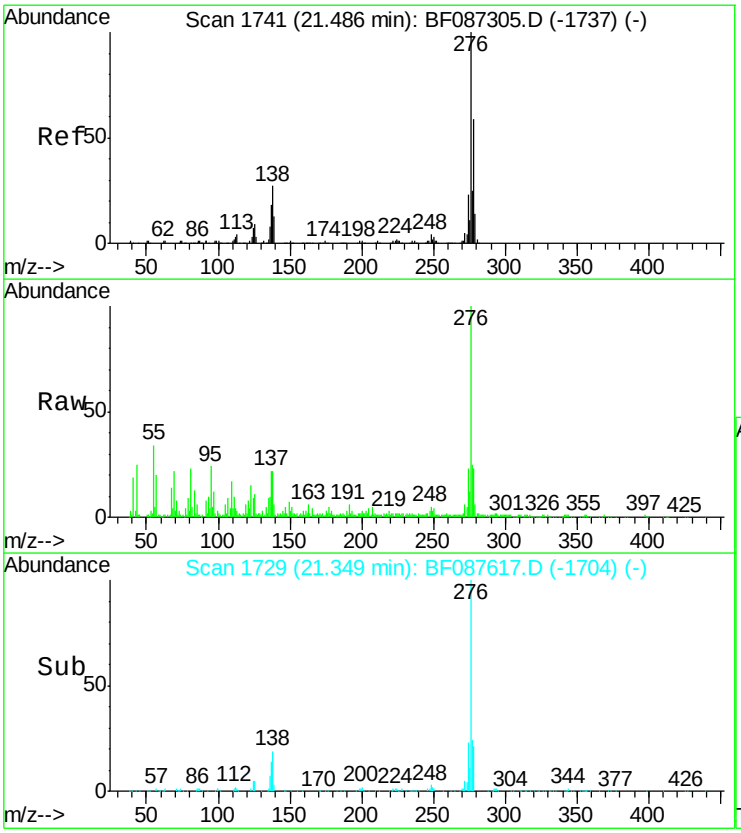
#82
Chrysene
Concen: 26.44 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:228 Resp: 414135

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.7	15.8	23.8

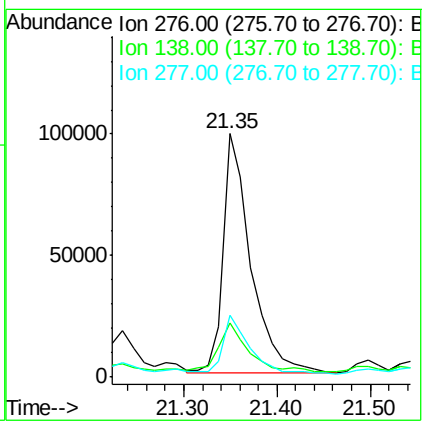


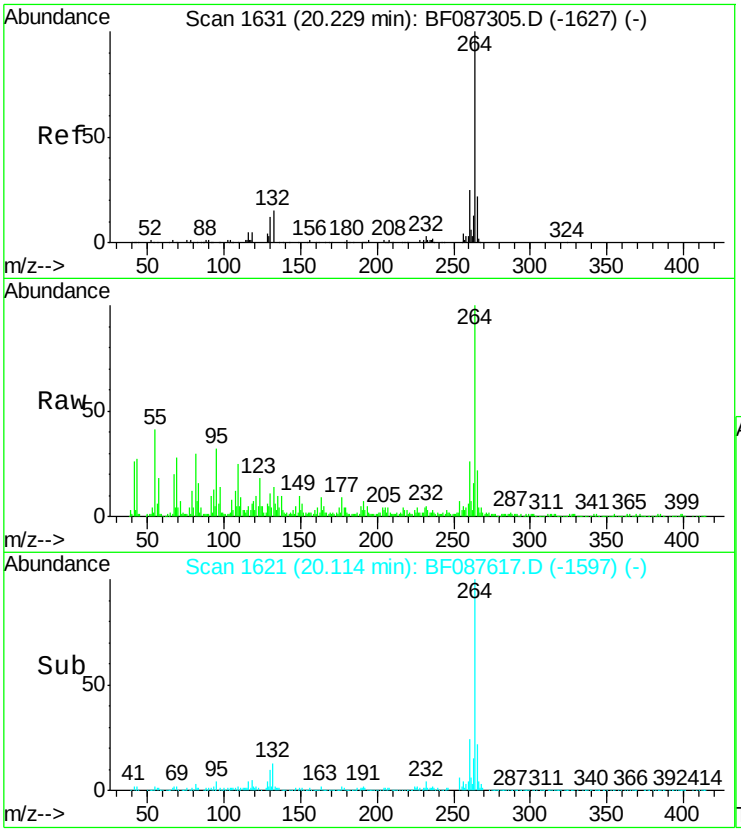


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.24 ng
RT: 21.35 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:276 Resp: 203981

Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.6	38.4#
277	23.0	20.5	30.7



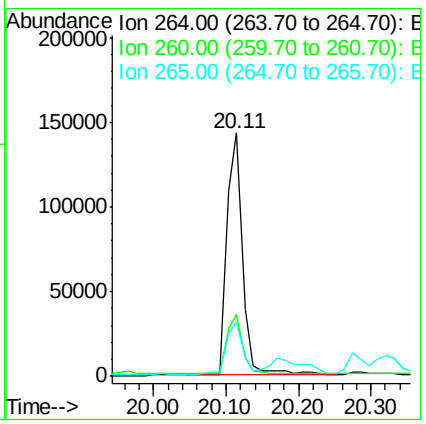


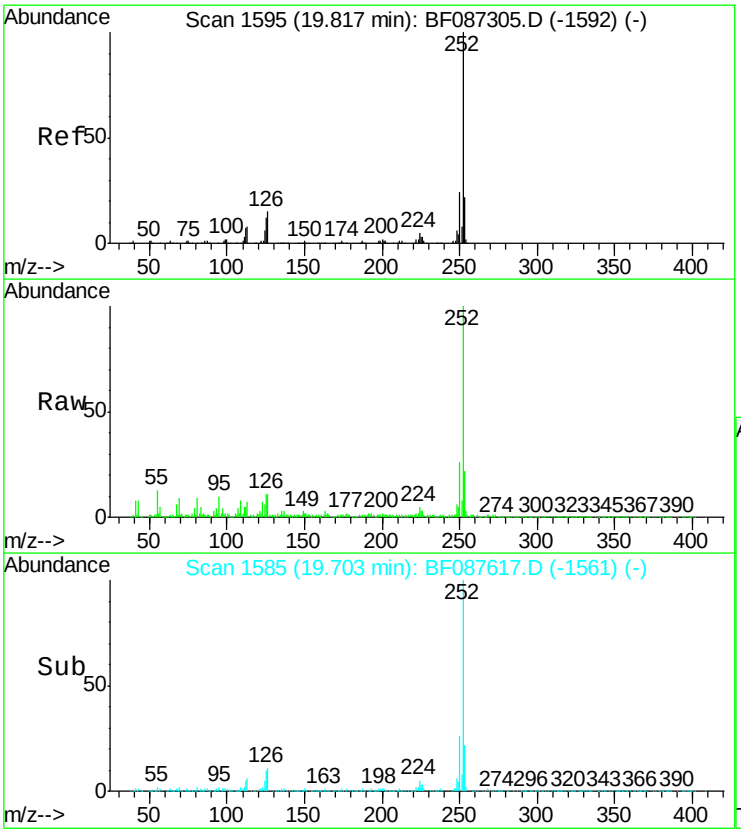
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:264 Resp: 216049

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.5	17.3	25.9

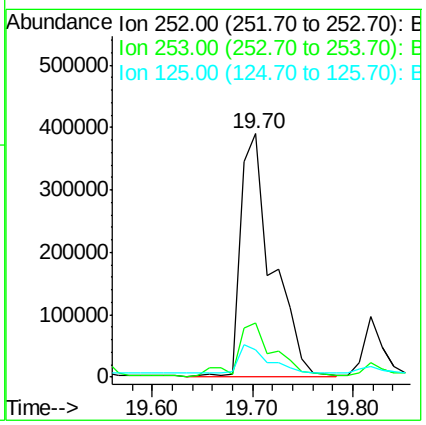


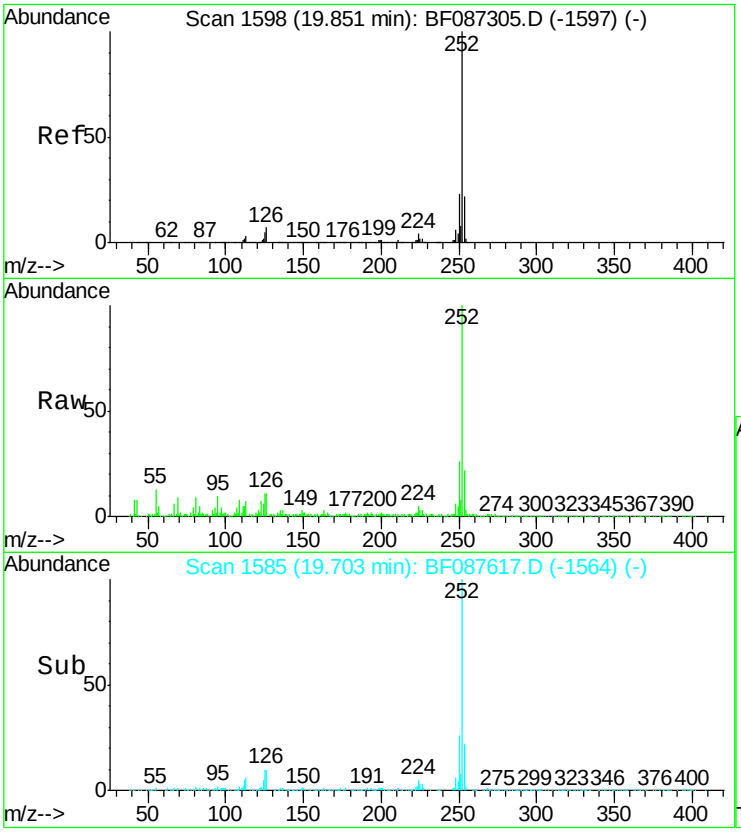


#87
Benzo(b)fluoranthene
Concen: 61.08 ng
RT: 19.70 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:252 Resp: 840596

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.5	11.4	17.0



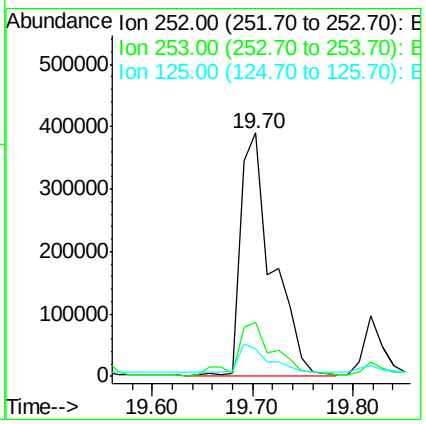


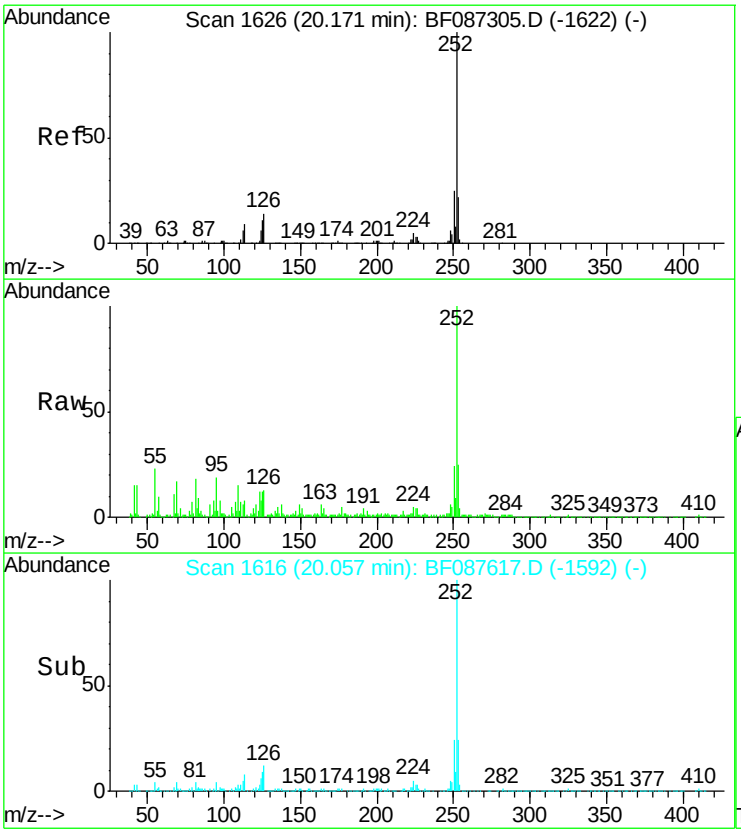
#88
Benzo(k)fluoranthene
Concen: 70.96 ng
RT: 19.70 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:252 Resp: 840596

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.5	9.1	13.7

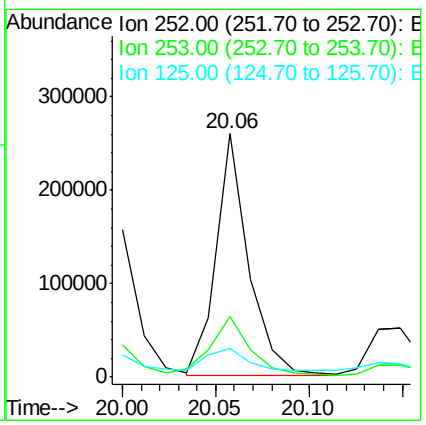


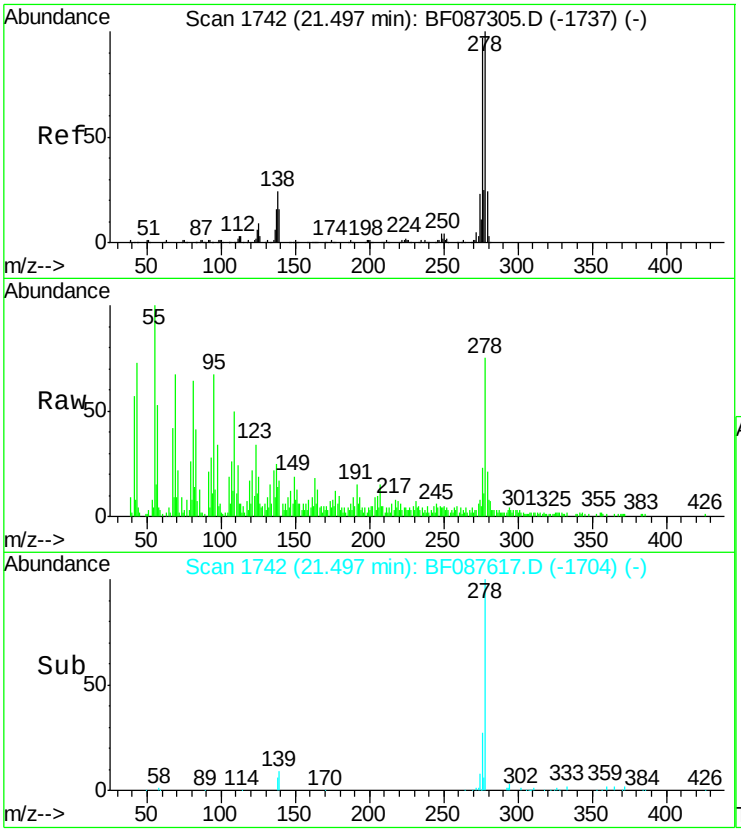


#89
Benzo(a)pyrene
Concen: 26.35 ng
RT: 20.06 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:252 Resp: 313597

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	11.9	9.0	13.6



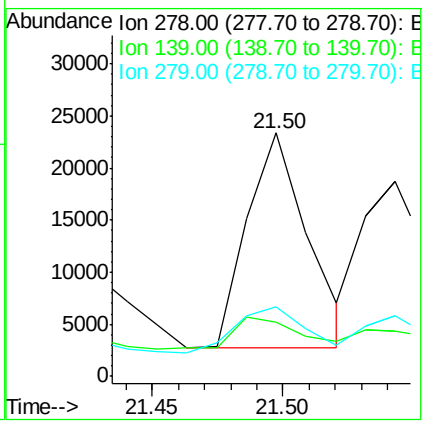


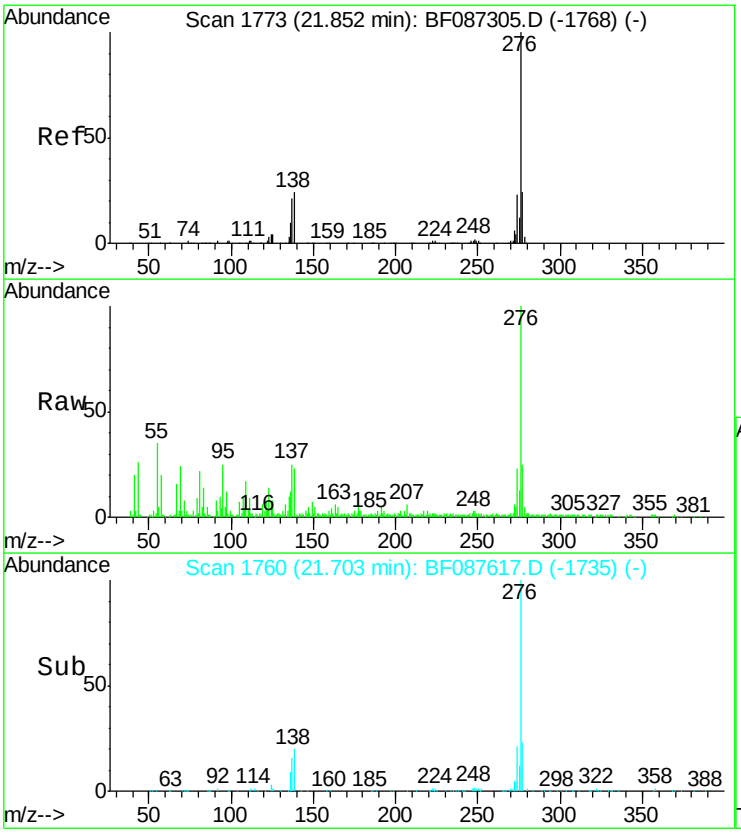
#90
Dibenzo(a,h)anthracene
Concen: 3.27 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.14 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)RE

Tgt Ion:278 Resp: 33198

Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	28.6	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 17.47 ng
RT: 21.70 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF087617.D
Acq: 1 Jun 2016 11:43

Tgt Ion:276 Resp: 175025

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	23.4	23.6	35.4#