Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088008.D
Acq On : 14 Jun 2016 19:59
Operator : UM/SJ
Sample : H3450-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7-B3-(0-9)C

Quant Time: Jun 15 03:56:46 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	114694	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	573093	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	206942	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	328170	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	244211	20.00	ng		-0.01
86) Perylene-d12	15.35	264	259749	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	631469	94.12	ng		-0.01
7) Phenol-d6	6.42	99	796450	97.95	ng		-0.01
23) Nitrobenzene-d5	7.35	82	492733	50.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	156938	71.82	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	836911	62.04	ng		-0.01
78) Terphenyl-d14	12.89	244	462343	43.08	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.43	94	6782	Below Cal			95
15) Benzyl Alcohol	6.90	79	112010	17.61	ng	#	55
18) Hexachloroethane	7.36	117	18123	5.95	ng	#	2
19) n-Nitroso-di-n-propylamine	7.35	70	67961	13.07	ng	#	71
24) Nitrobenzene	7.32	77	21664	2.28	ng	#	28
25) Isophorone	7.35	82	357795	19.68	ng	#	65
31) Naphthalene	8.09	128	113905	4.02	ng		98
45) 1,1'-Biphenyl	9.24	154	8201	Below Cal			98
49) Dimethylphthalate	9.54	163	208535	13.91	ng		100
54) Dibenzofuran	10.02	168	70650	3.86	ng		92
55) 4-Nitrophenol	10.02	139	26638	8.66	ng	#	8
56) 2,4-Dinitrotoluene	9.82	165	28740	6.51	ng	#	39
57) Fluorene	10.36	166	87449	2.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	252	2.28	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	10000	2.84	ng	#	1
70) Phenanthrene	11.32	178	315374	18.31	ng		99
71) Anthracene	11.38	178	61961	3.57	ng		99
74) Fluoranthene	12.53	202	350803	19.30	ng		97
77) Pyrene	12.75	202	361862	19.97	ng		99
80) Benzo(a)anthracene	13.93	228	271439	19.50	ng		99
82) Chrysene	13.97	228	182496	13.94	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	148429	12.20	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	425793	23.52	ng	#	94
88) Benzo(k)fluoranthene	14.96	252	425793	31.18	ng		99
89) Benzo(a)pyrene	15.29	252	243617	16.63	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	36499	2.68	ng	#	87
91) Benzo(g,h,i)perylene	17.11	276	146355	10.46	ng		97

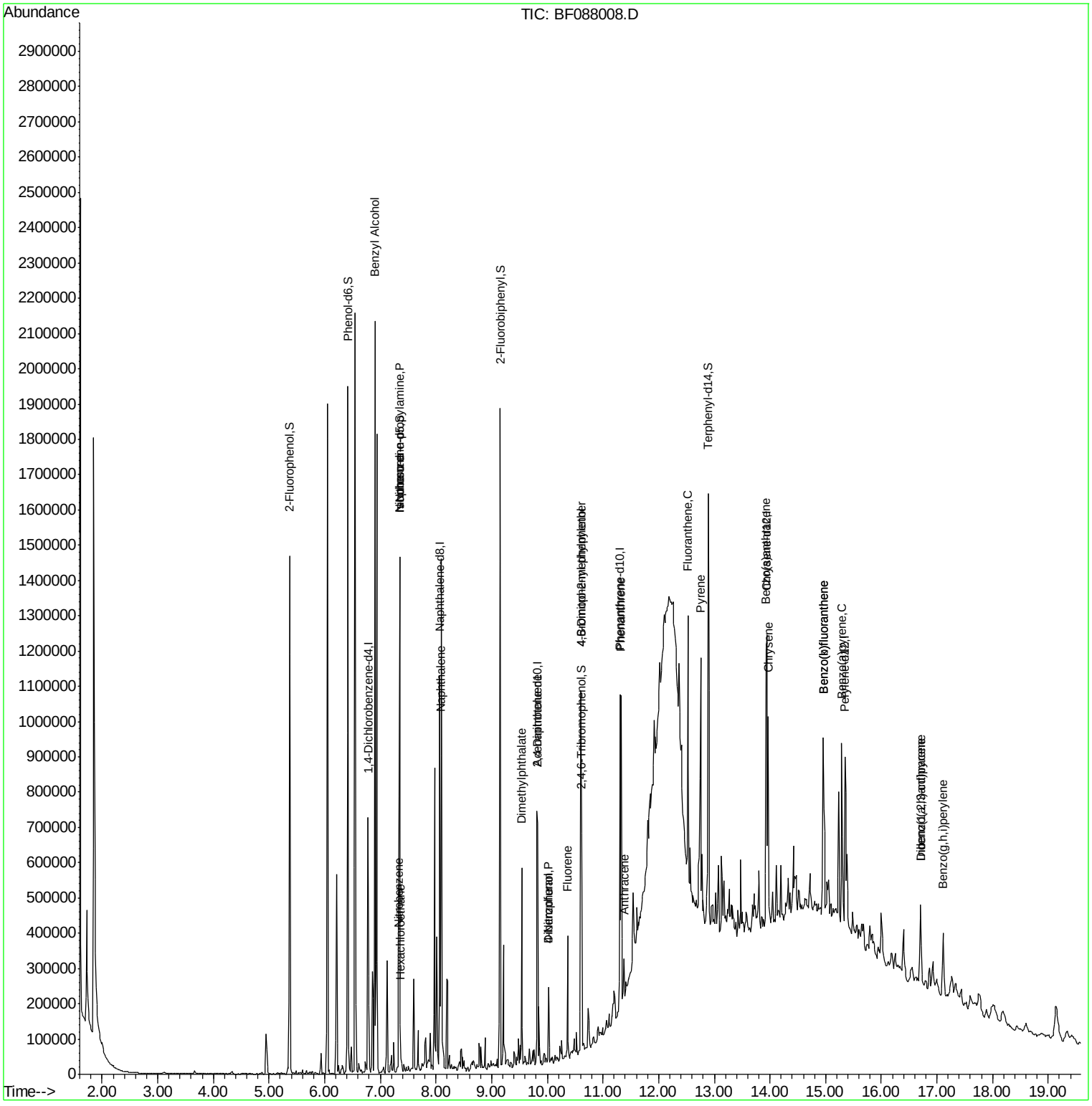
(#) = qualifier out of range (m) = manual integration (+) = signals summed

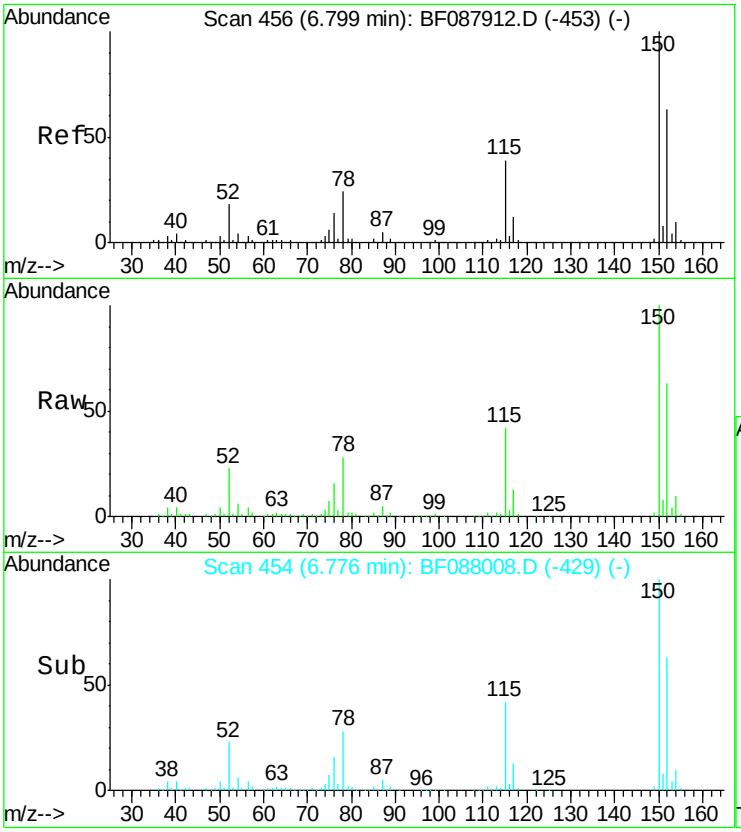
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088008.D
Acq On : 14 Jun 2016 19:59
Operator : UM/SJ
Sample : H3450-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Quant Time: Jun 15 03:56:46 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



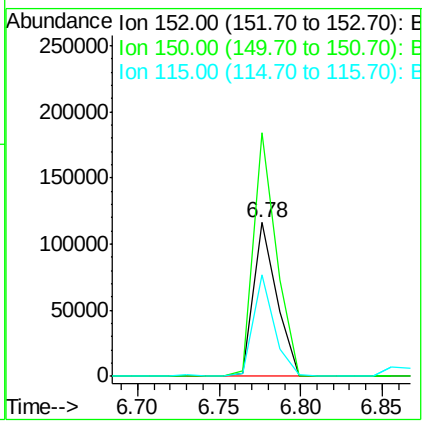


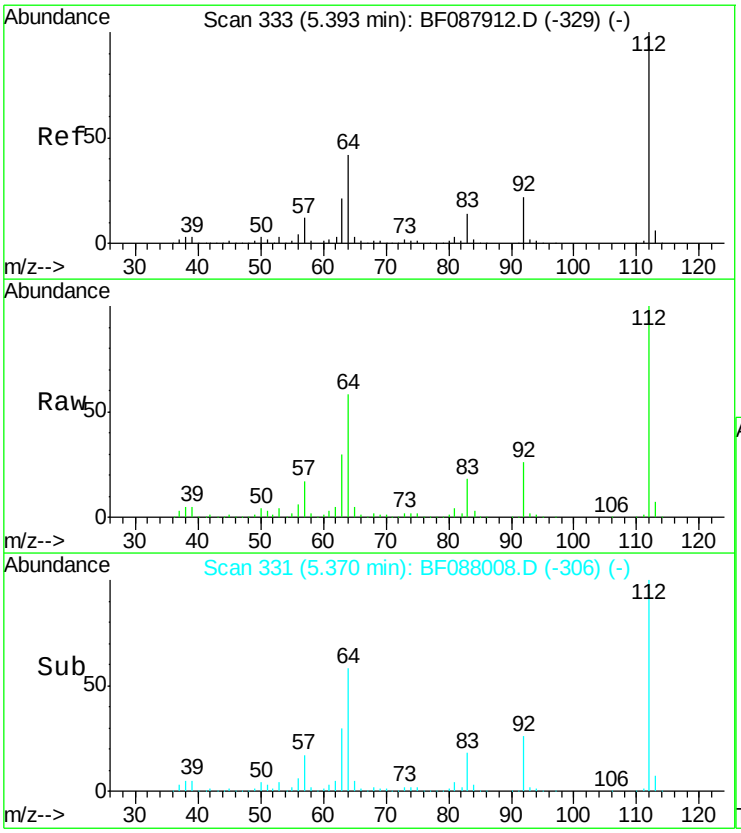
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:152 Resp: 114694

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.8	185.6
115	66.1	39.6	59.4#

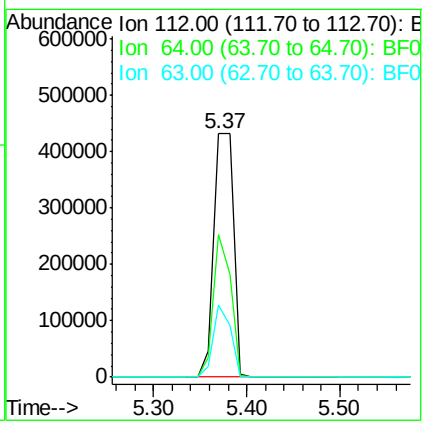


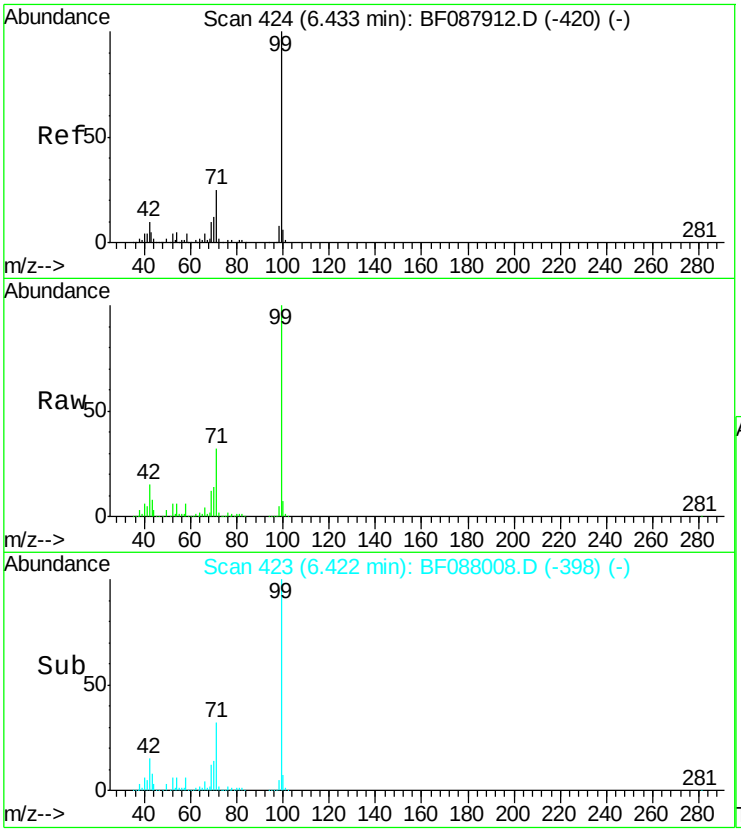


#5
2-Fluorophenol
Concen: 94.12 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:112 Resp: 631469

Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.2	63.2
63	29.6	21.8	32.8



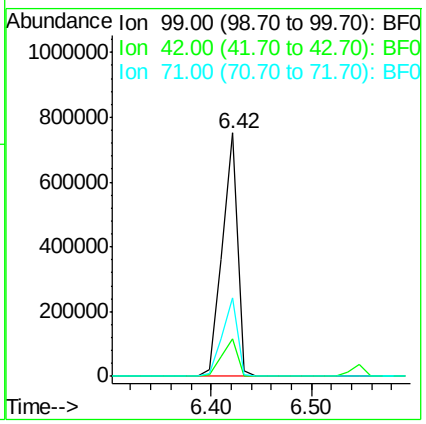


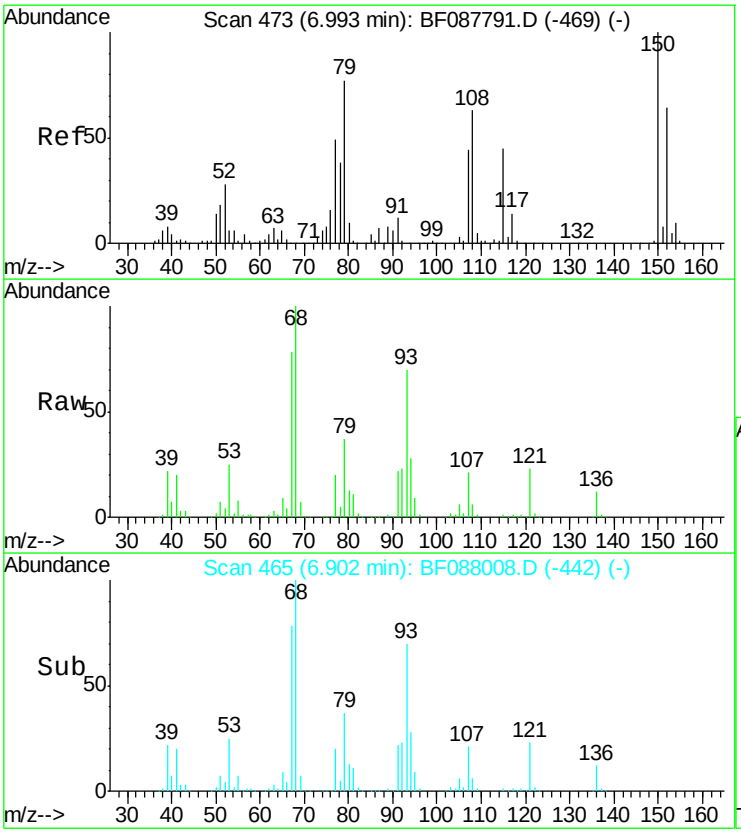
#7
Phenol-d6
Concen: 97.95 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion: 99 Resp: 796450

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	32.1	23.4	35.0

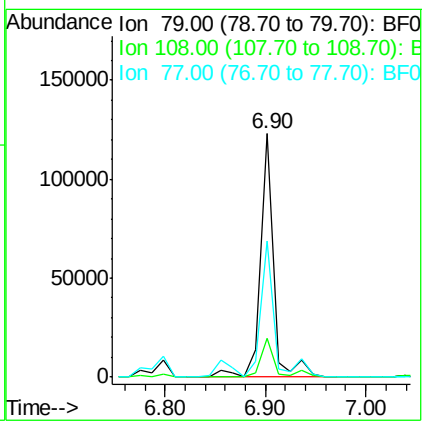


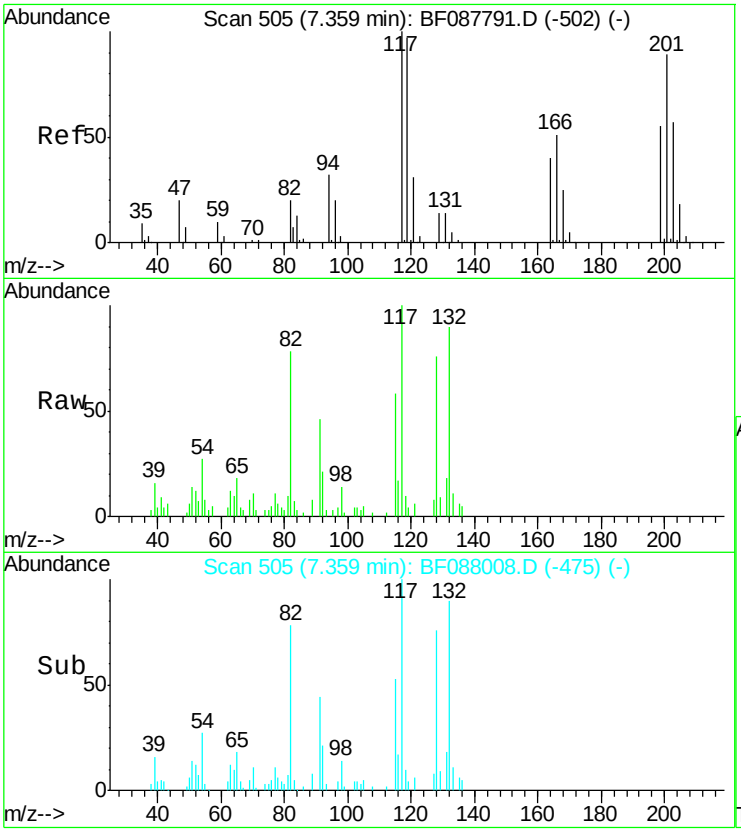


#15
Benzyl Alcohol
Concen: 17.61 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.03 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion: 79 Resp: 112010

Ion	Ratio	Lower	Upper
79	100		
108	15.9	65.0	97.6#
77	56.1	50.3	75.5



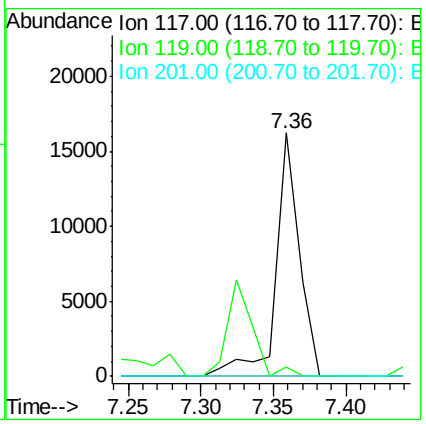


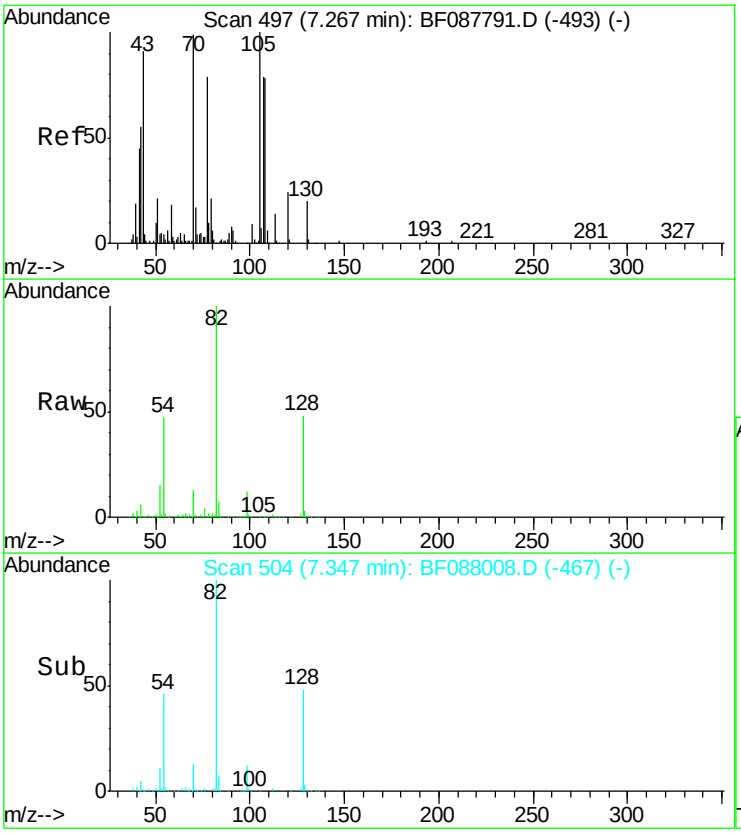
#18
Hexachloroethane
Concen: 5.95 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.05 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:117 Resp: 18123

Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.4	116.2#
201	0.0	80.4	120.6#

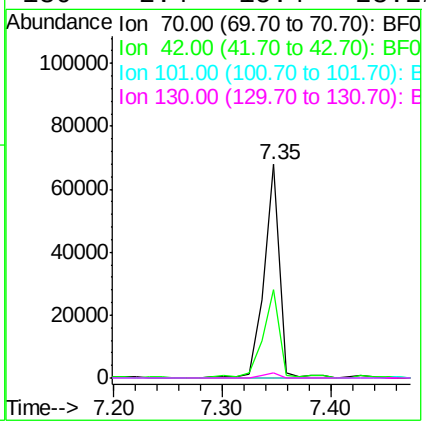


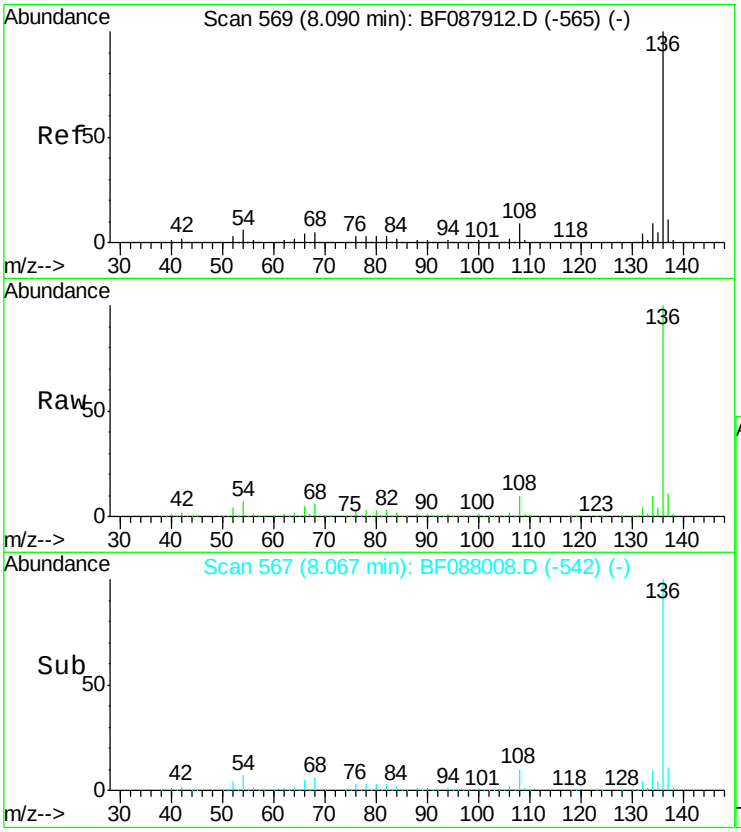


#19
n-Nitroso-di-n-propylamine
Concen: 13.07 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.13 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion: 70 Resp: 67961

Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



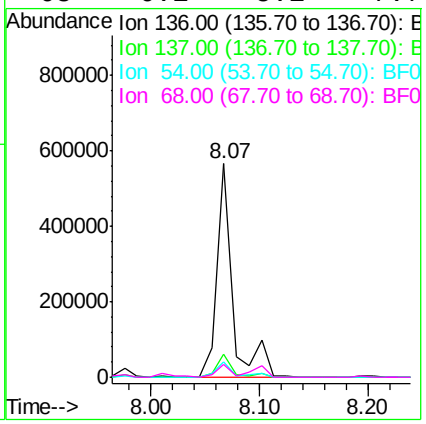


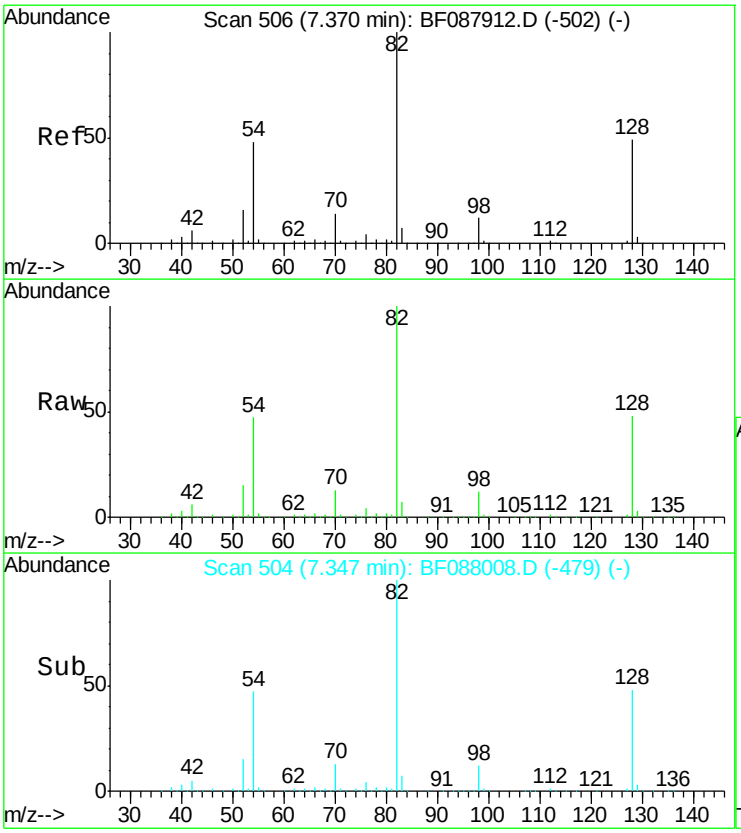
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:136 Resp: 573093

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.2	6.6	10.0
68	6.1	5.1	7.7

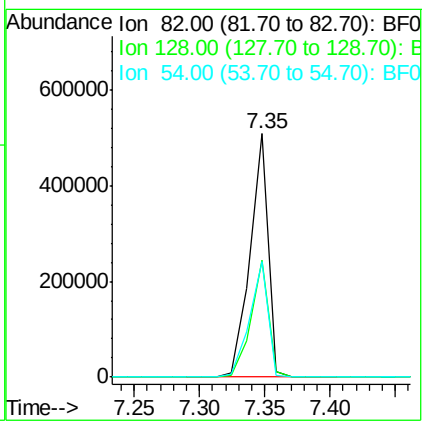


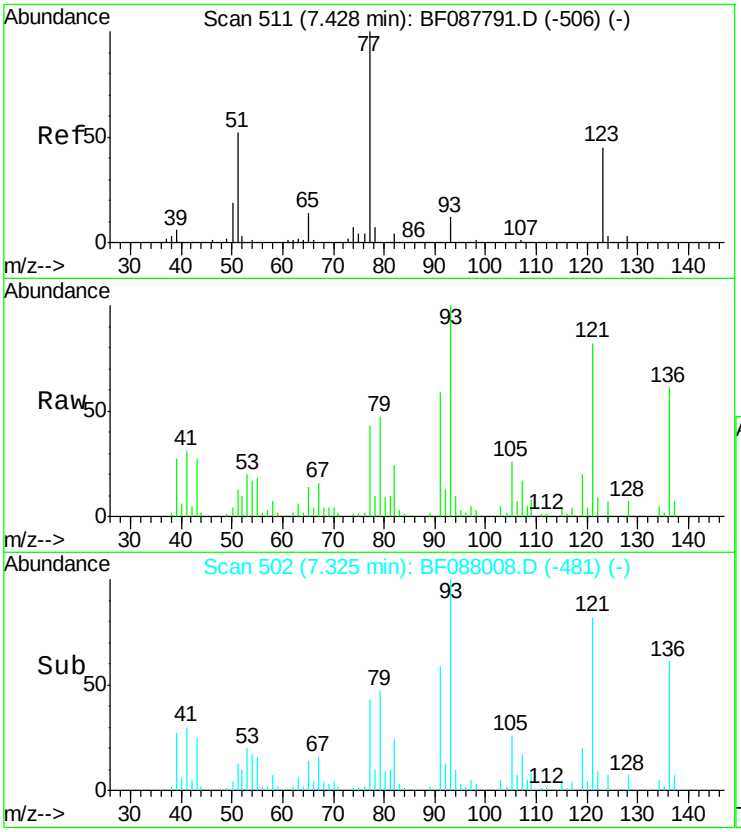


#23
Nitrobenzene-d5
Concen: 50.21 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion: 82 Resp: 492733

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.9	53.9
54	47.4	40.9	61.3



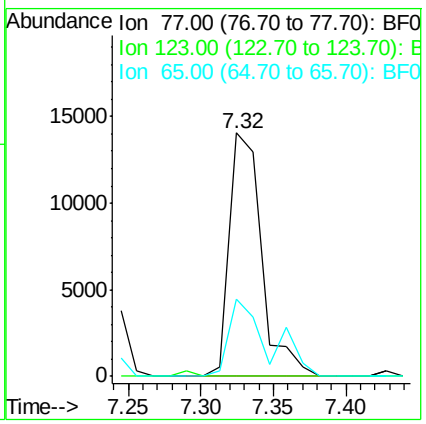


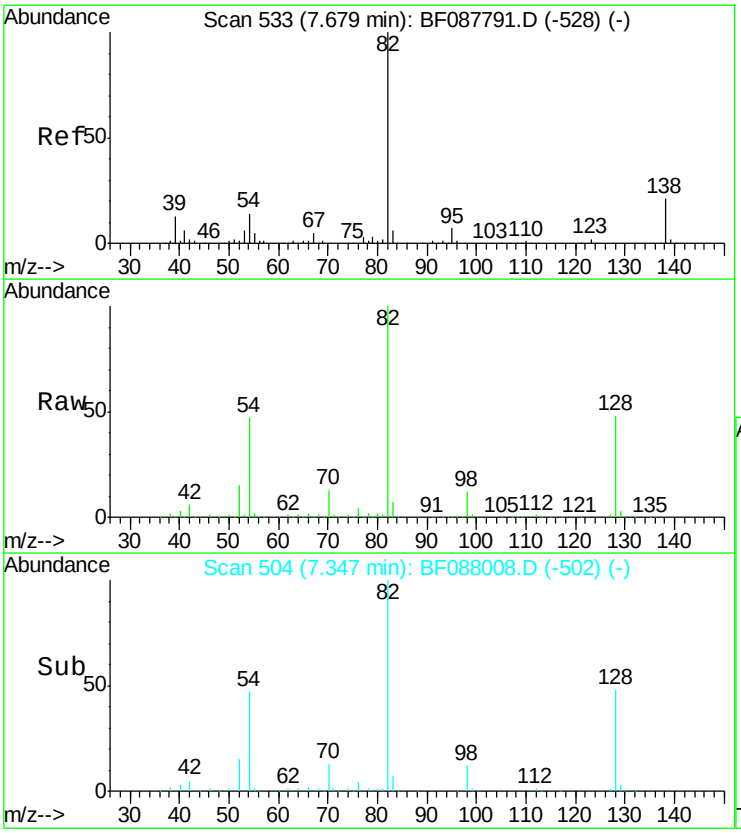
#24
Nitrobenzene
Concen: 2.28 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.06 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion: 77 Resp: 21664

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	31.6	10.2	15.2#

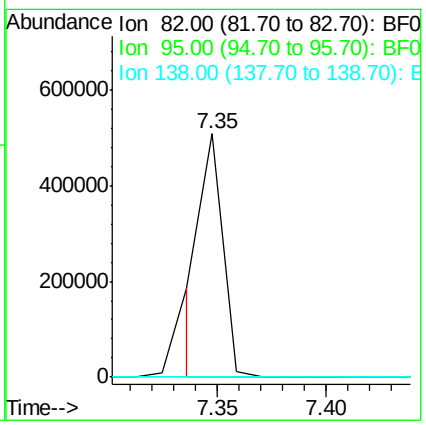


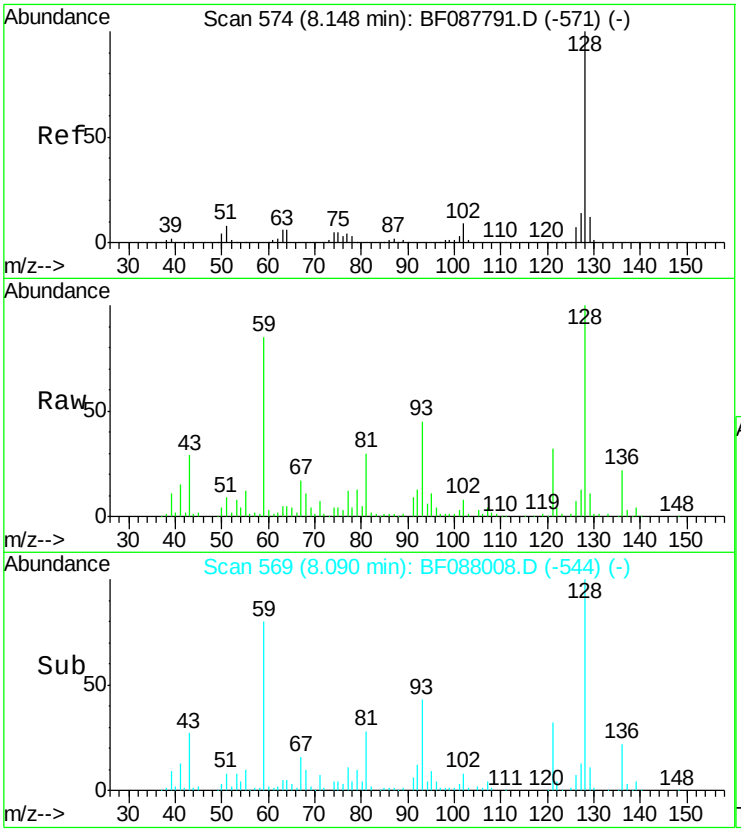


#25
Isophorone
Concen: 19.68 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.27 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion: 82 Resp: 357795

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#



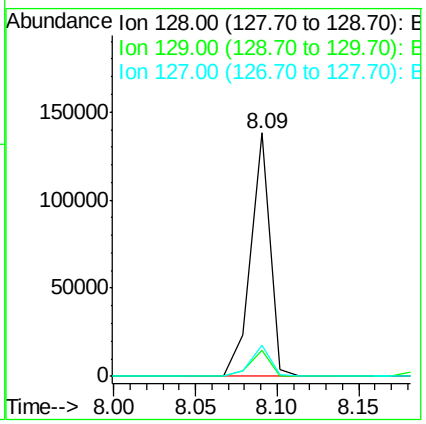


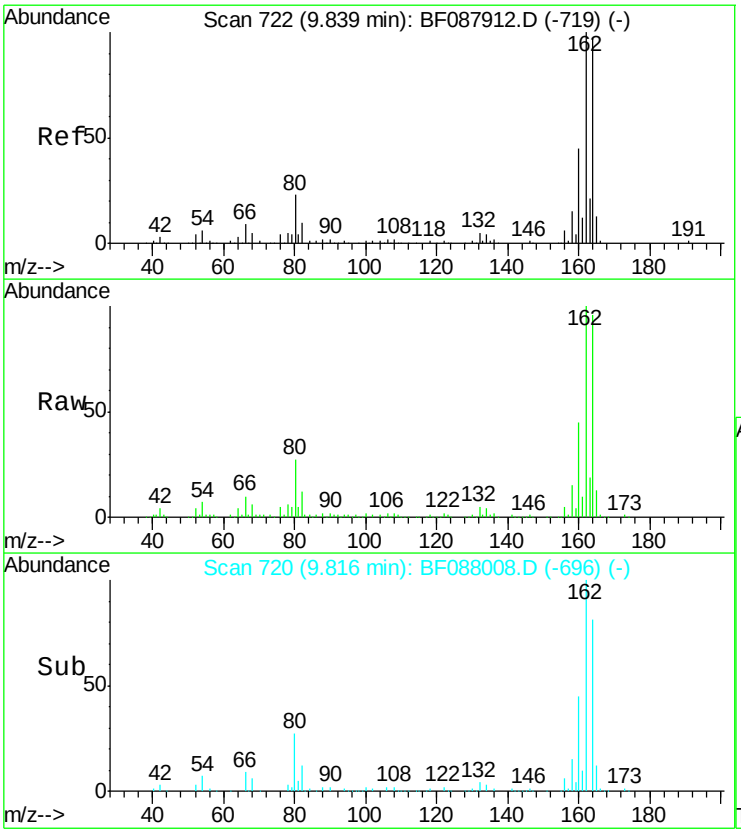
#31
Naphthalene
Concen: 4.02 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:128 Resp: 113905

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	12.7	10.9	16.3

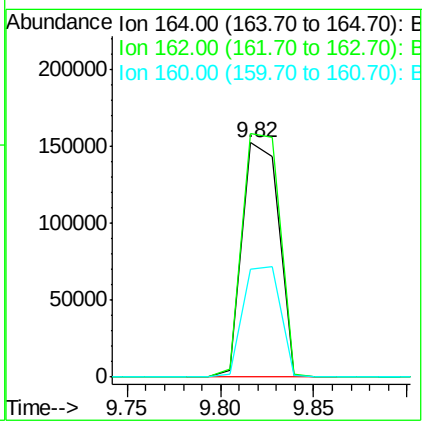


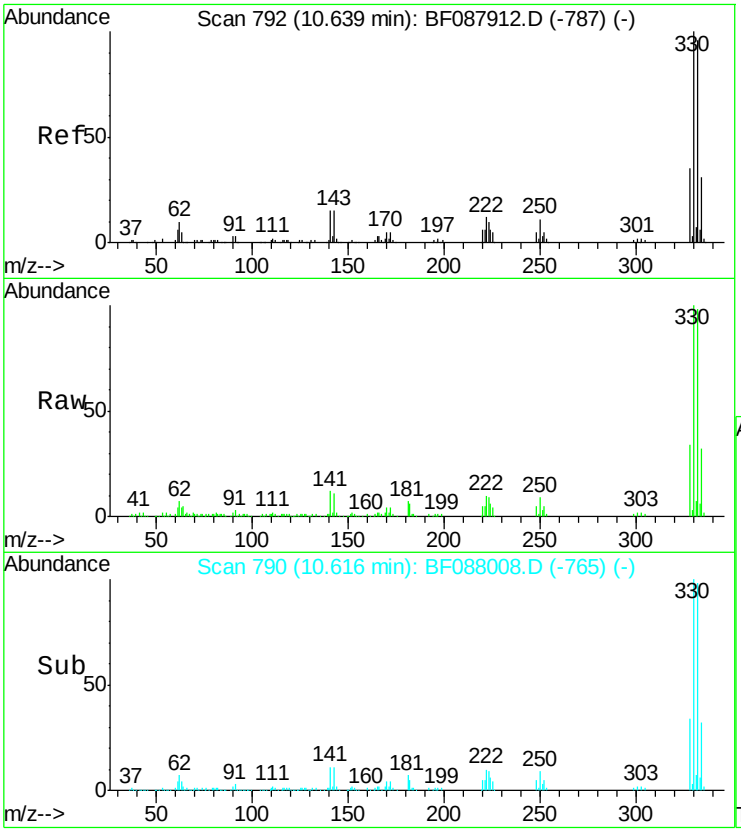


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:164 Resp: 206942

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	46.3	39.5	59.3



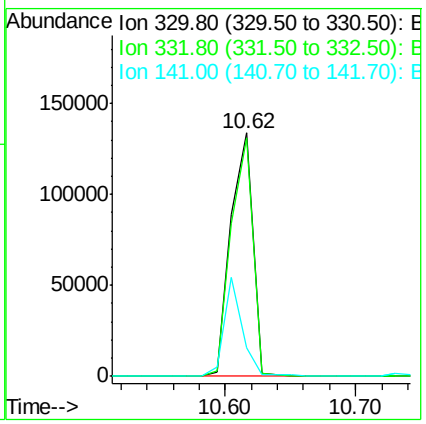


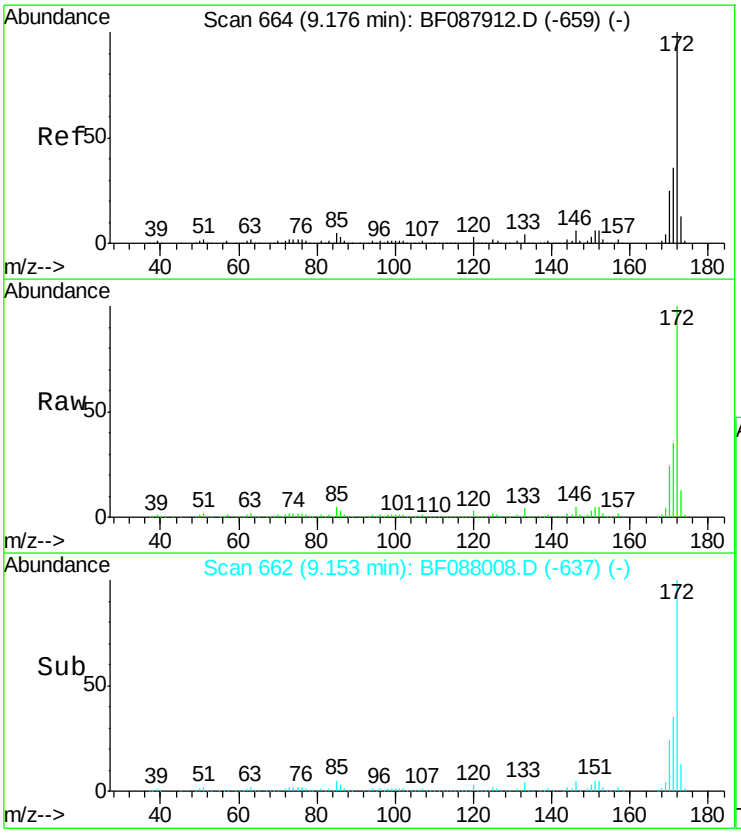
#41
2,4,6-Tribromophenol
Concen: 71.82 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:330 Resp: 156938

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.2	0.0	0.0#

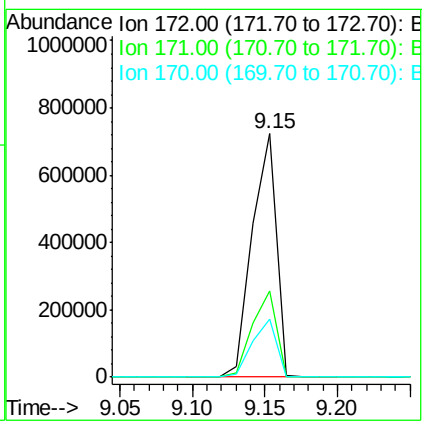


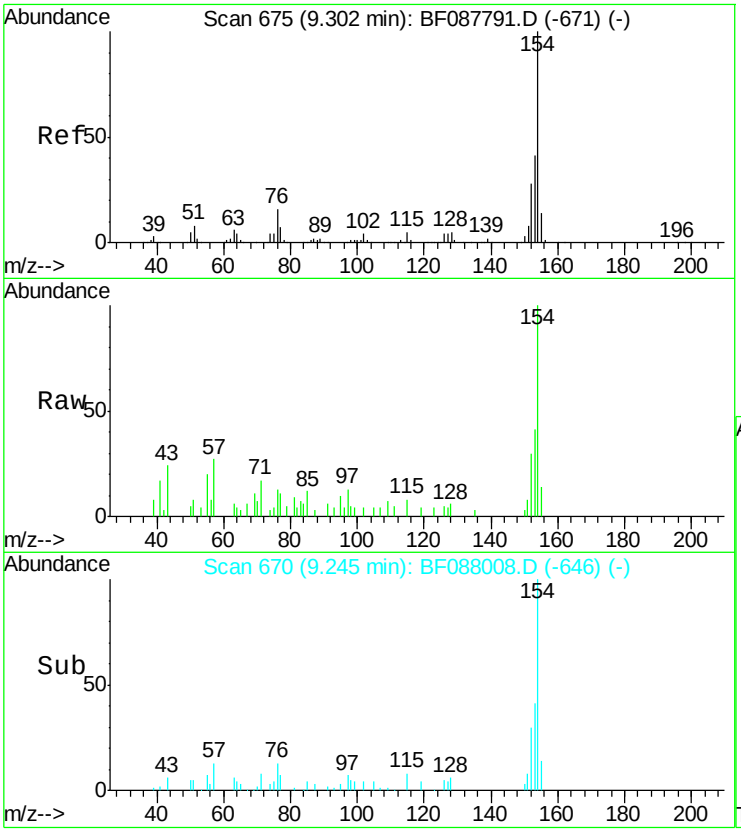


#44
2-Fluorobiphenyl
Concen: 62.04 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:172 Resp: 836911

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.8	19.2	28.8



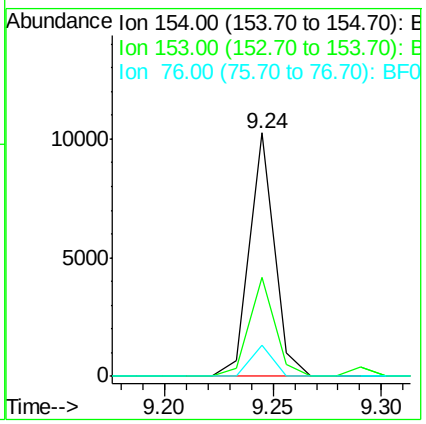


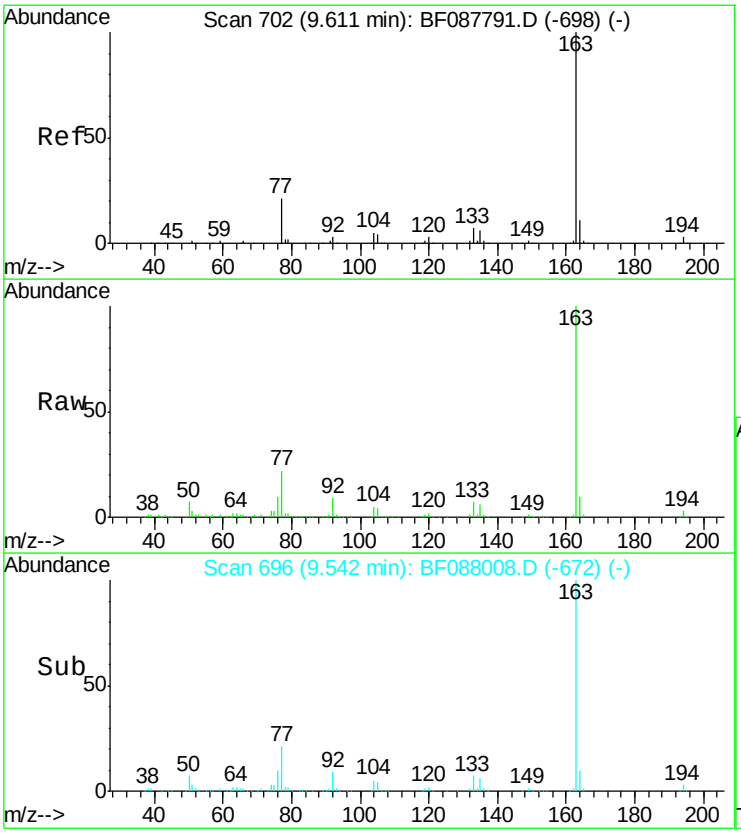
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:154 Resp: 8201

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.6	0.0	35.1

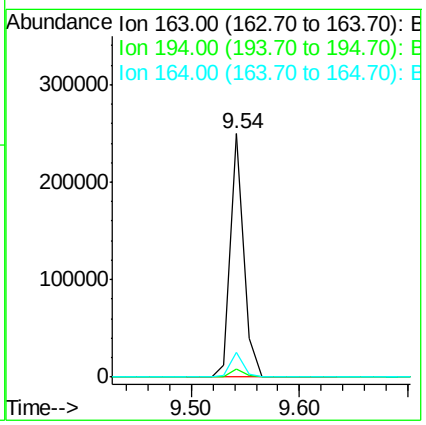


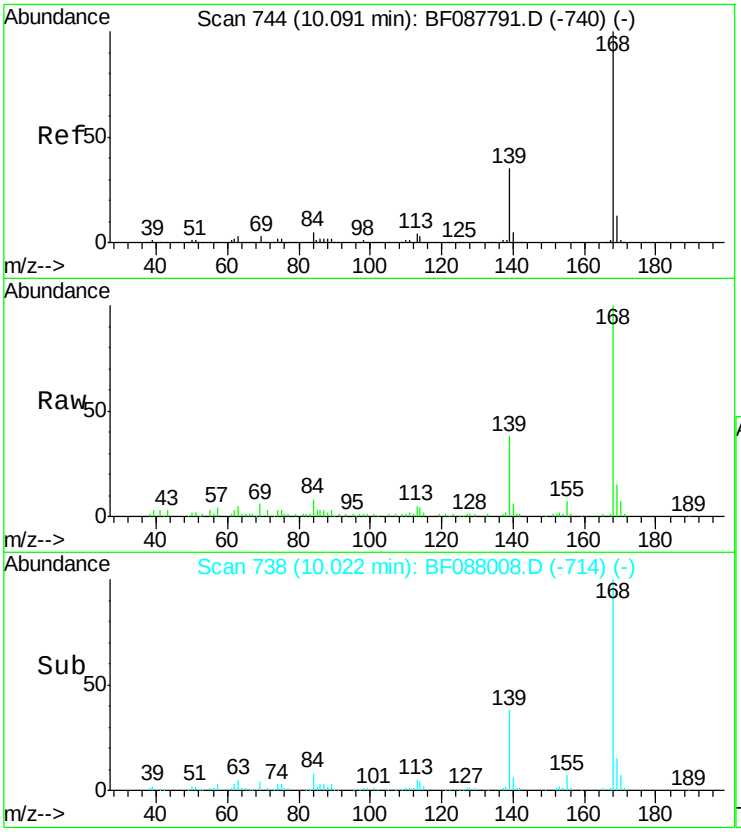


#49
Dimethylphthalate
Concen: 13.91 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:163 Resp: 208535

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.4	8.3	12.5



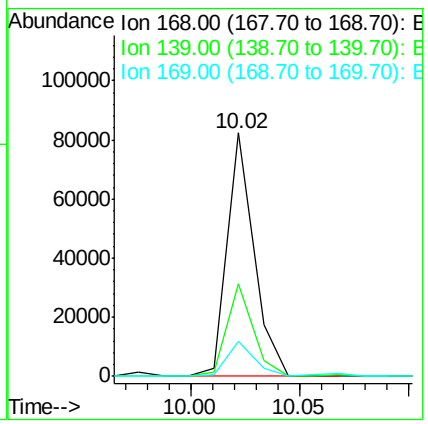


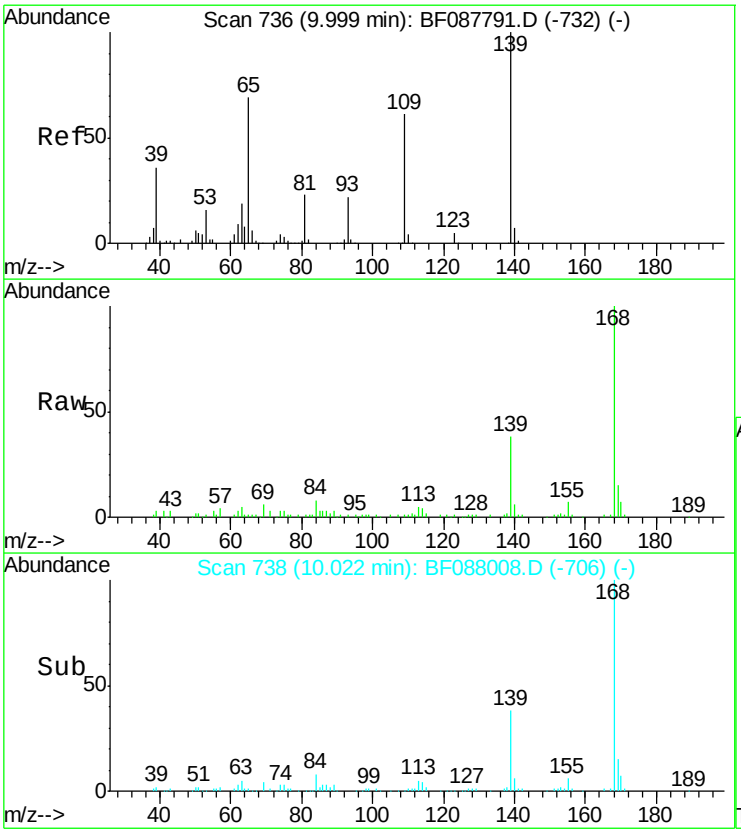
#54
Dibenzofuran
Concen: 3.86 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:168 Resp: 70650

Ion	Ratio	Lower	Upper
168	100		
139	38.3	26.4	39.6
169	14.5	10.4	15.6

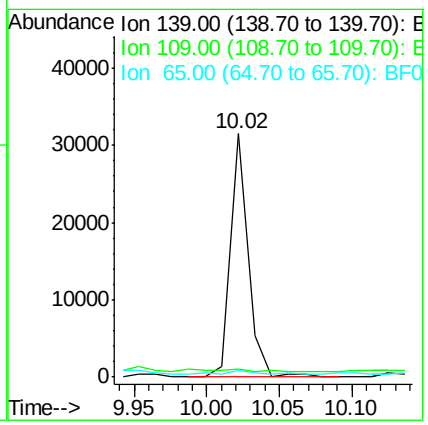


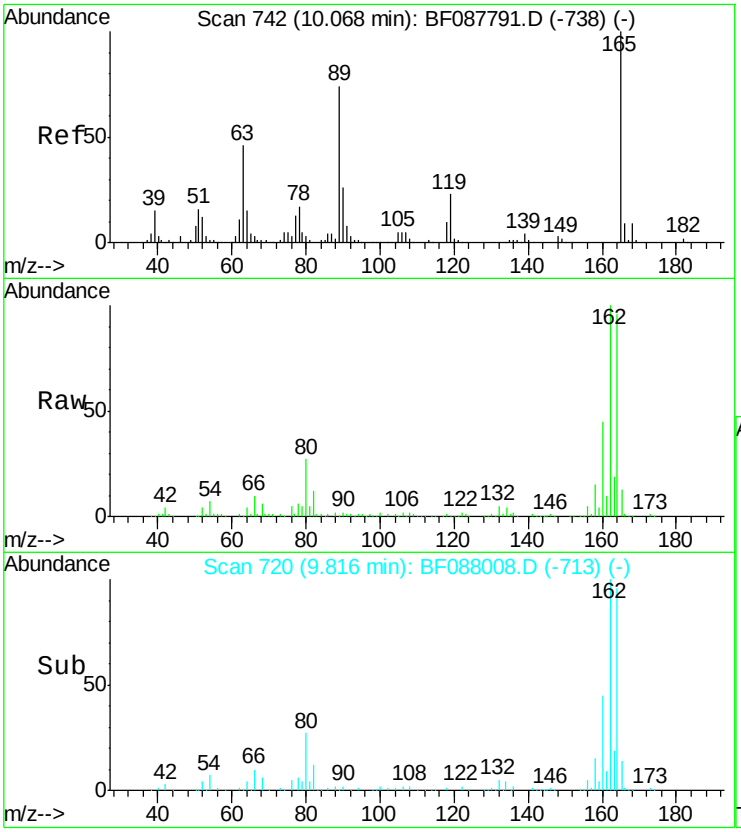


#55
4-Nitrophenol
Concen: 8.66 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.07 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:139 Resp: 26638

Ion	Ratio	Lower	Upper
139	100		
109	3.4	48.9	88.9#
65	3.0	84.9	124.9#



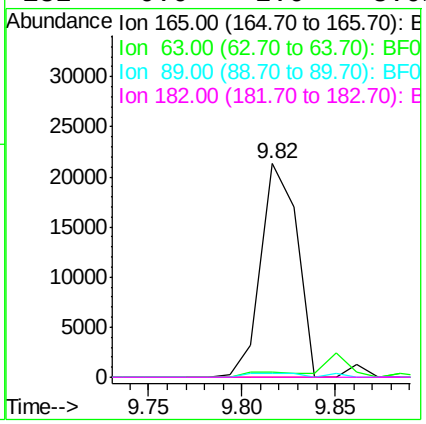


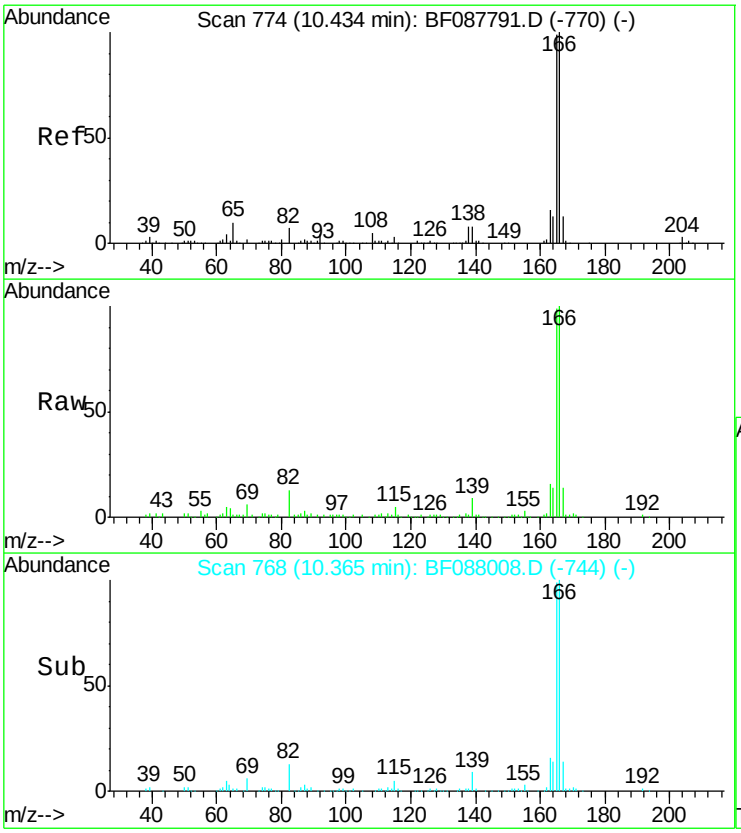
#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:165 Resp: 28740

Ion	Ratio	Lower	Upper
165	100		
63	2.3	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

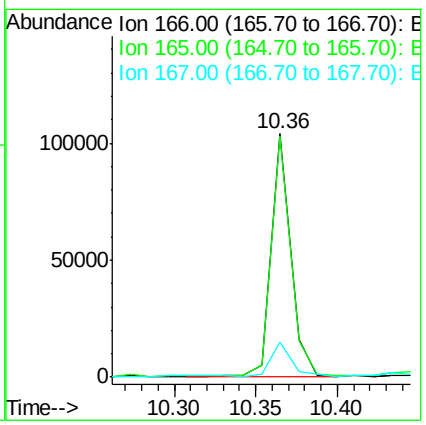


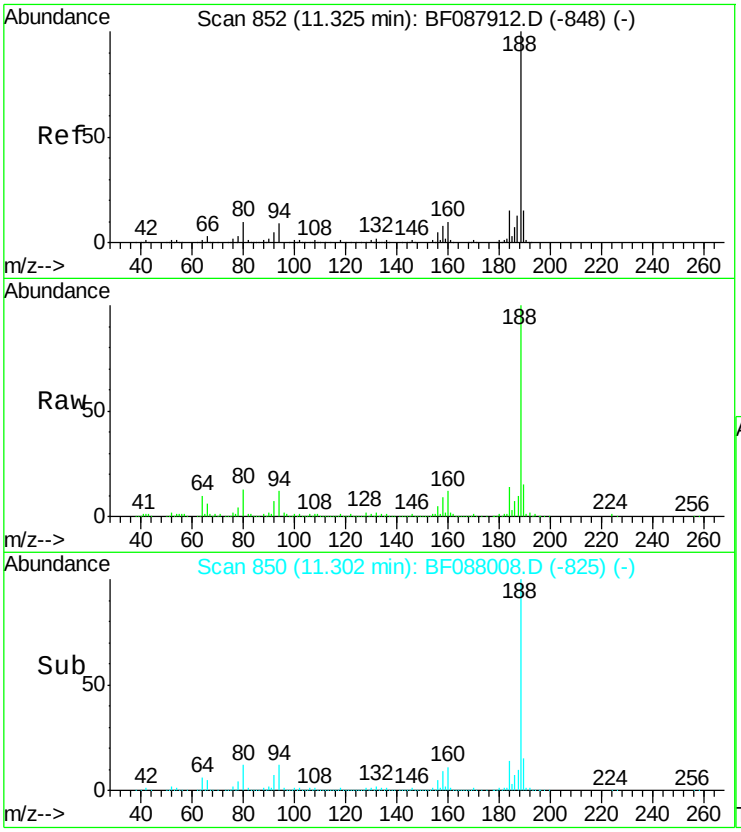


#57
Fluorene
Concen: 2.51 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:166 Resp: 87449

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	14.3	11.2	16.8



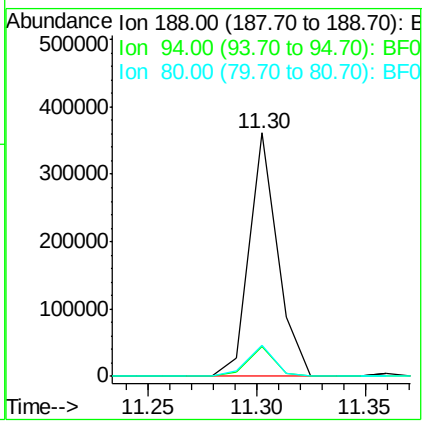


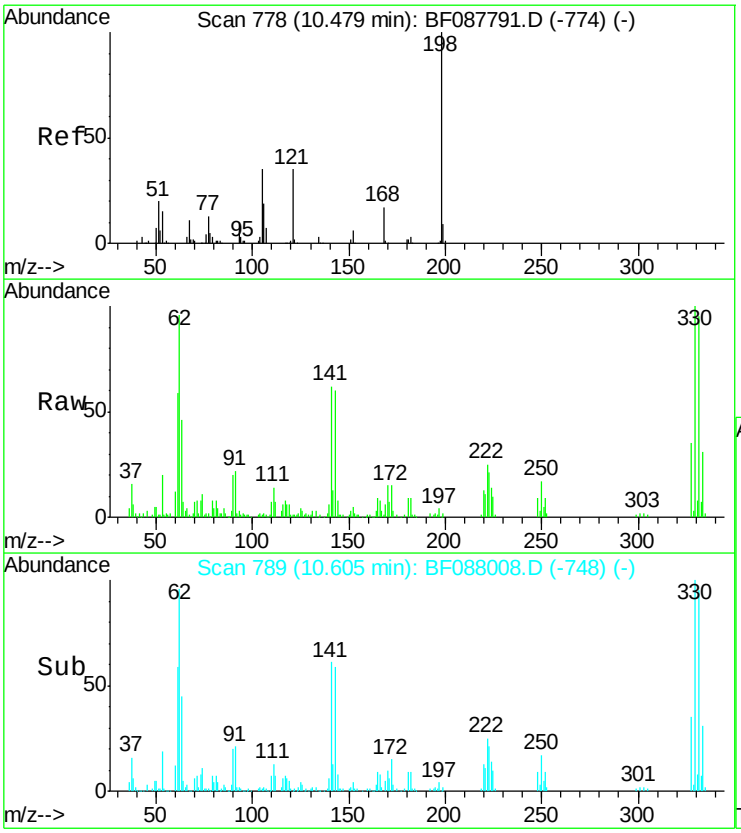
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:188 Resp: 328170

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.0	13.6
80	12.6	10.0	15.0

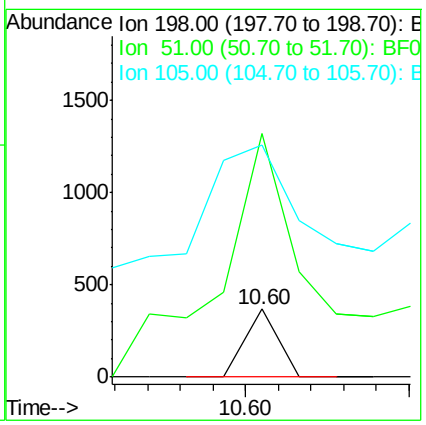


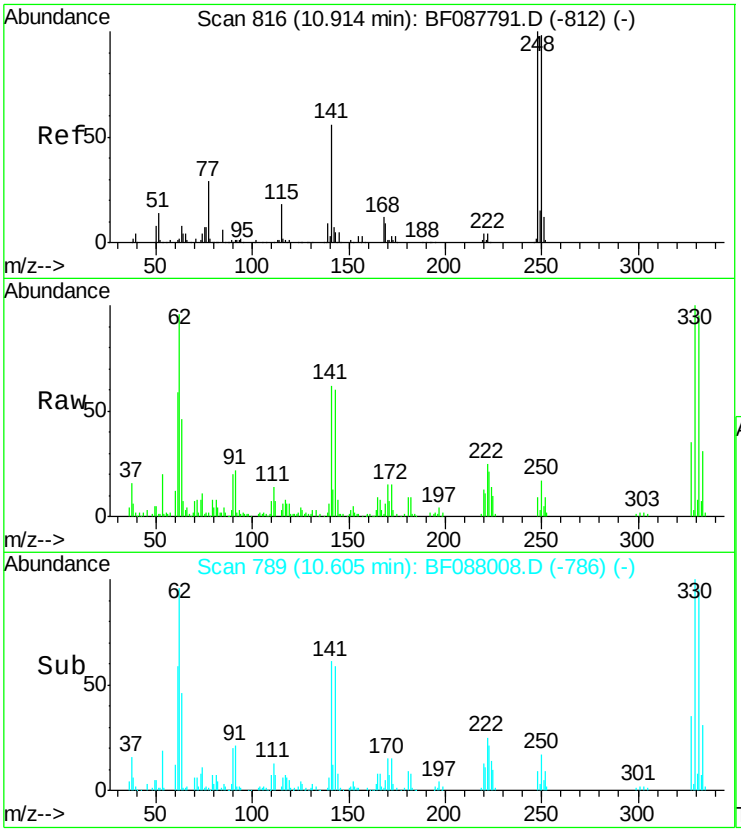


#64
4,6-Dinitro-2-methylphenol
Concen: 2.28 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.17 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:198 Resp: 252

Ion	Ratio	Lower	Upper
198	100		
51	359.7	39.6	79.6#
105	343.1	36.6	76.6#



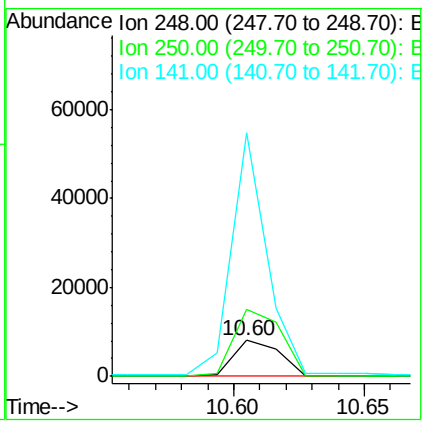


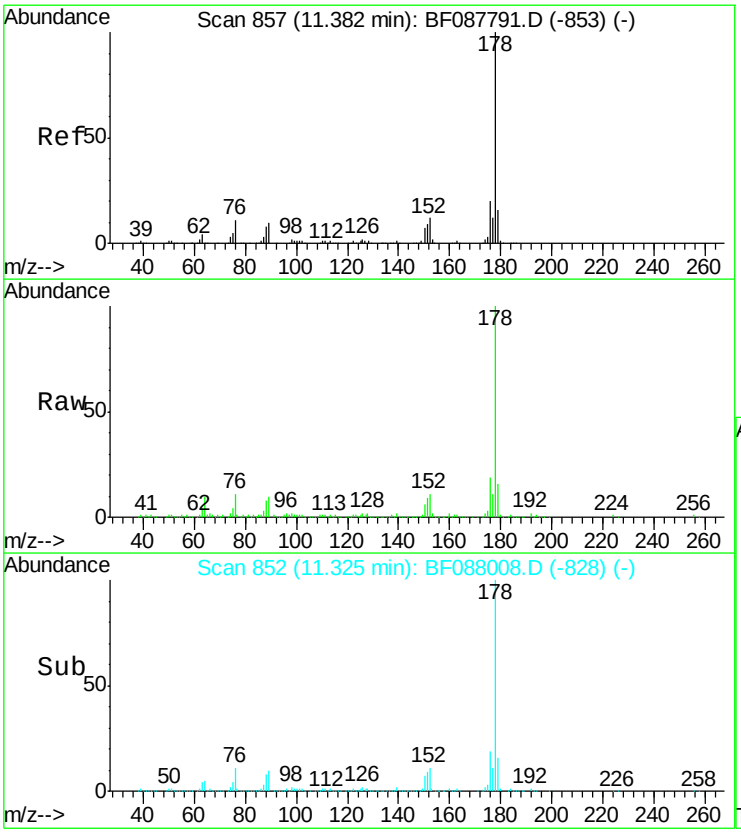
#66
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.26 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:248 Resp: 10000

Ion	Ratio	Lower	Upper
248	100		
250	188.2	77.1	115.7#
141	678.4	50.6	76.0#

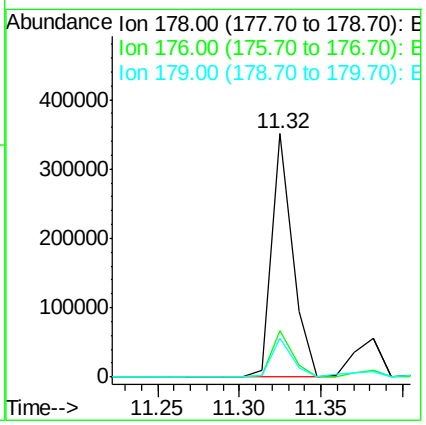


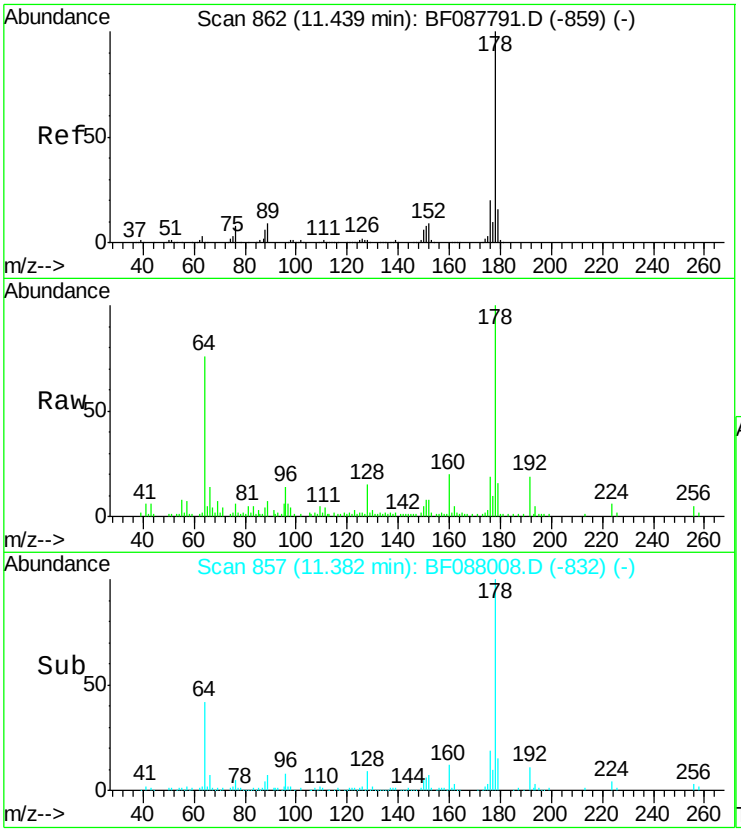


#70
Phenanthrene
Concen: 18.31 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:178 Resp: 315374

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.0	13.0	19.4



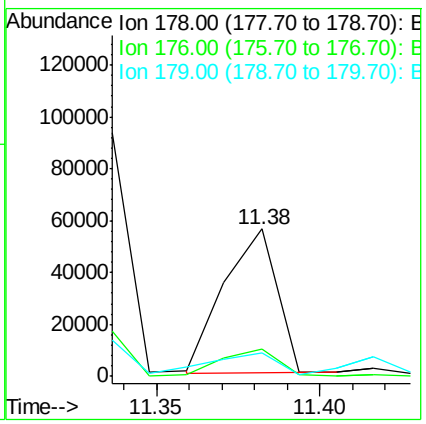


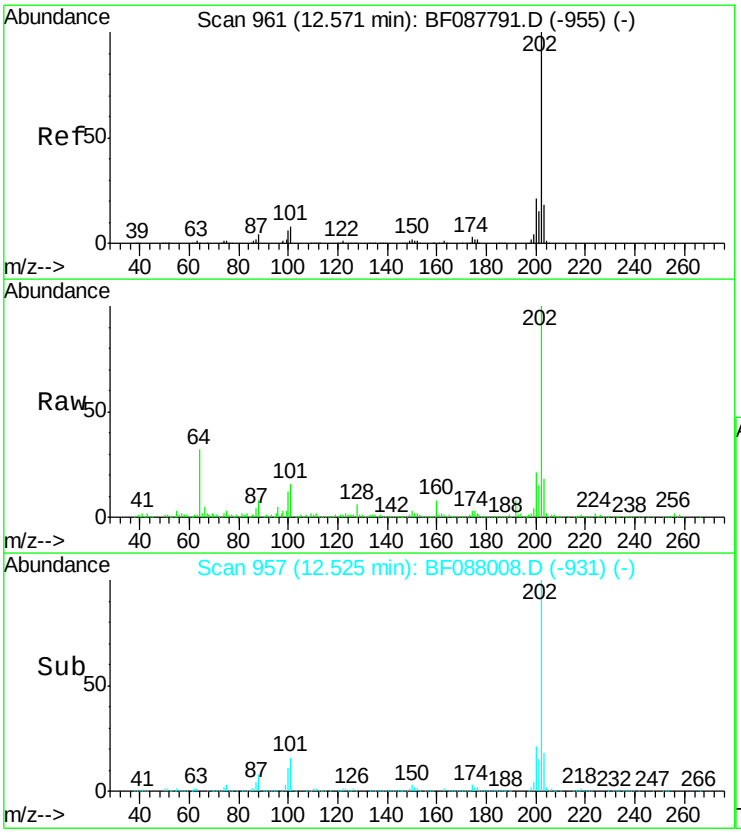
#71
Anthracene
Concen: 3.57 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:178 Resp: 61961

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.6	12.8	19.2

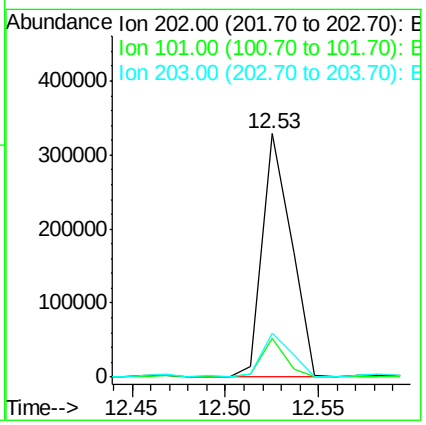


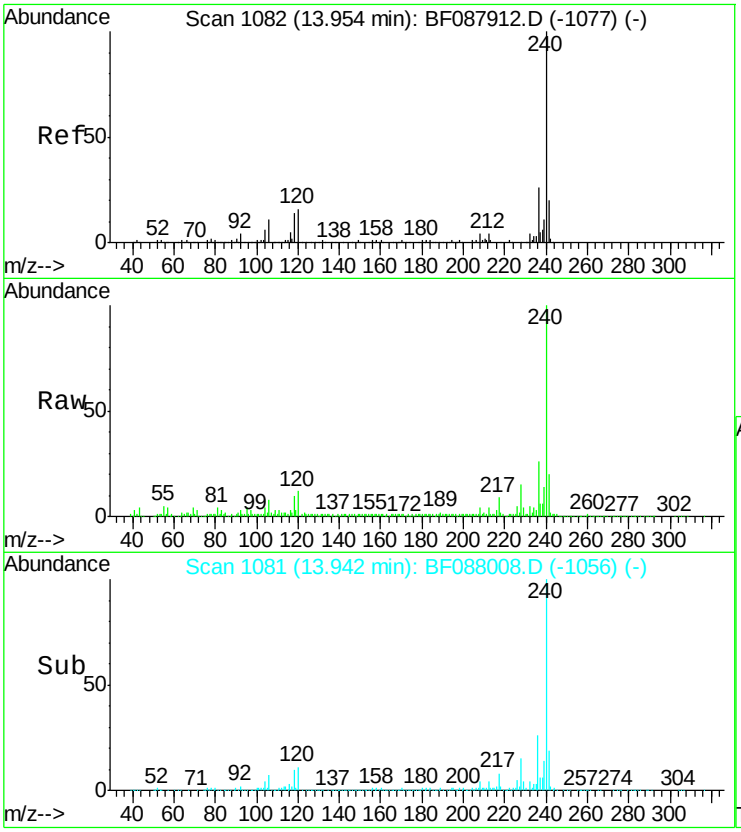


#74
Fluoranthene
Concen: 19.30 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:202 Resp: 350803

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	33.1
203	18.2	0.0	38.1



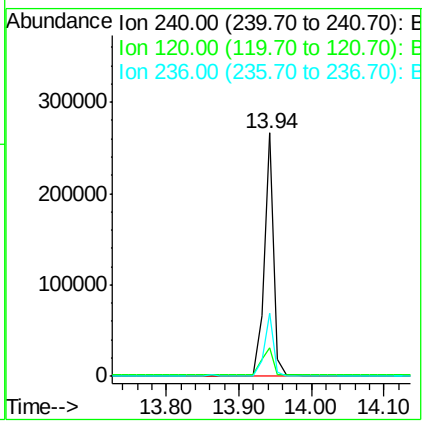


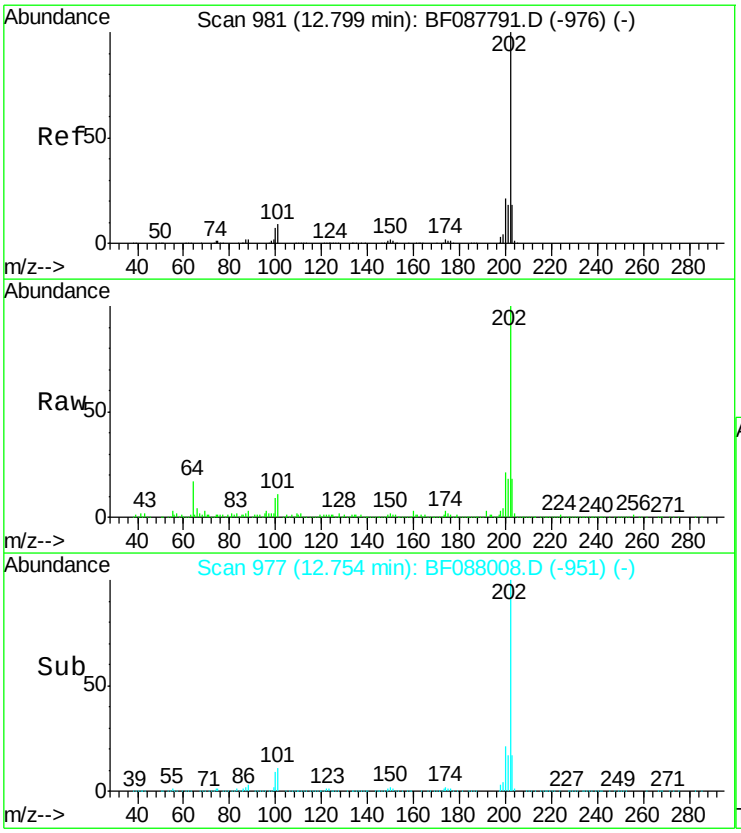
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:240 Resp: 244211

Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.8	10.2#
236	25.9	20.2	30.2

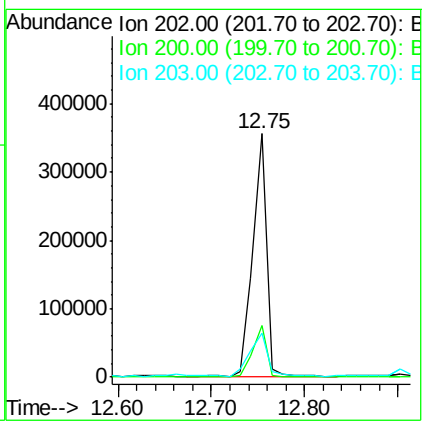


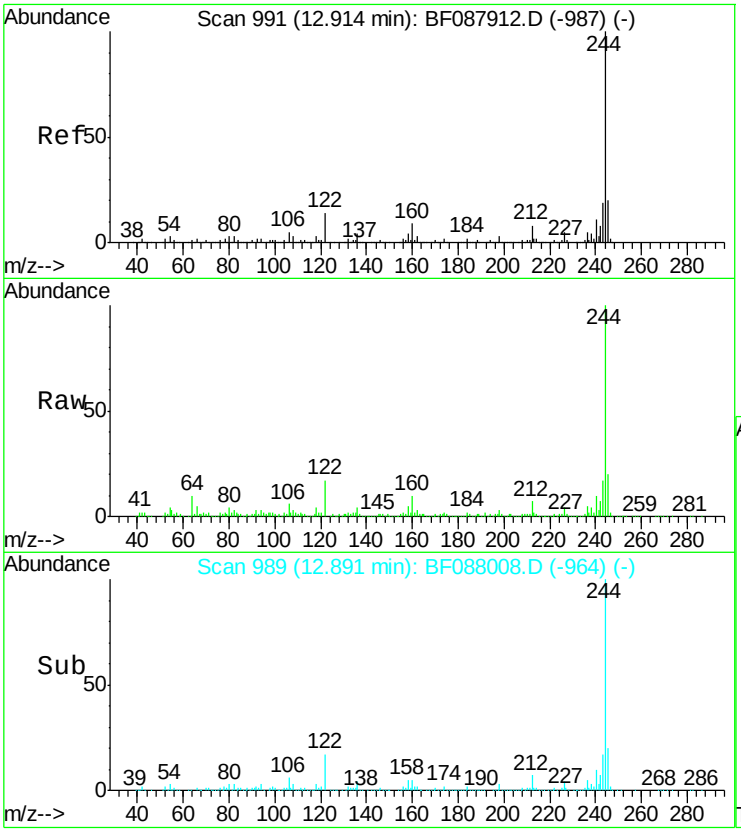


#77
Pyrene
Concen: 19.97 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:202 Resp: 361862

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.5	21.7



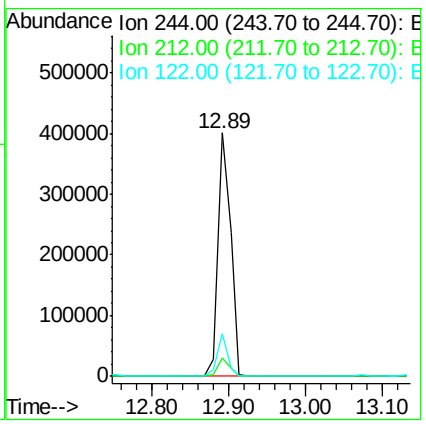


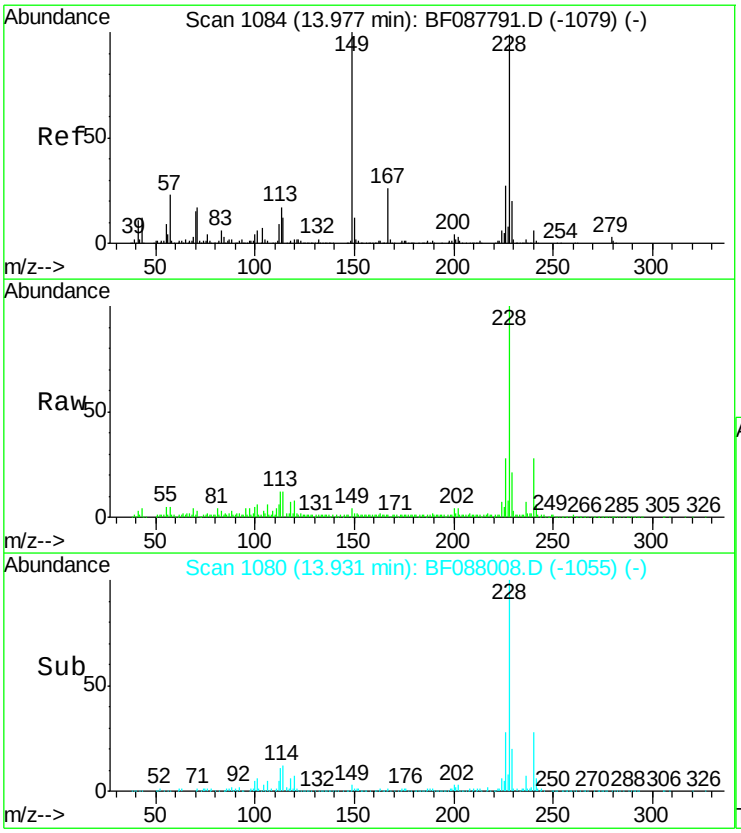
#78
Terphenyl-d14
Concen: 43.08 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:244 Resp: 462343

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	17.3	11.2	16.8#

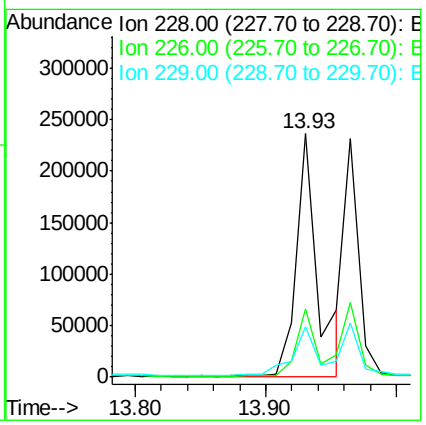


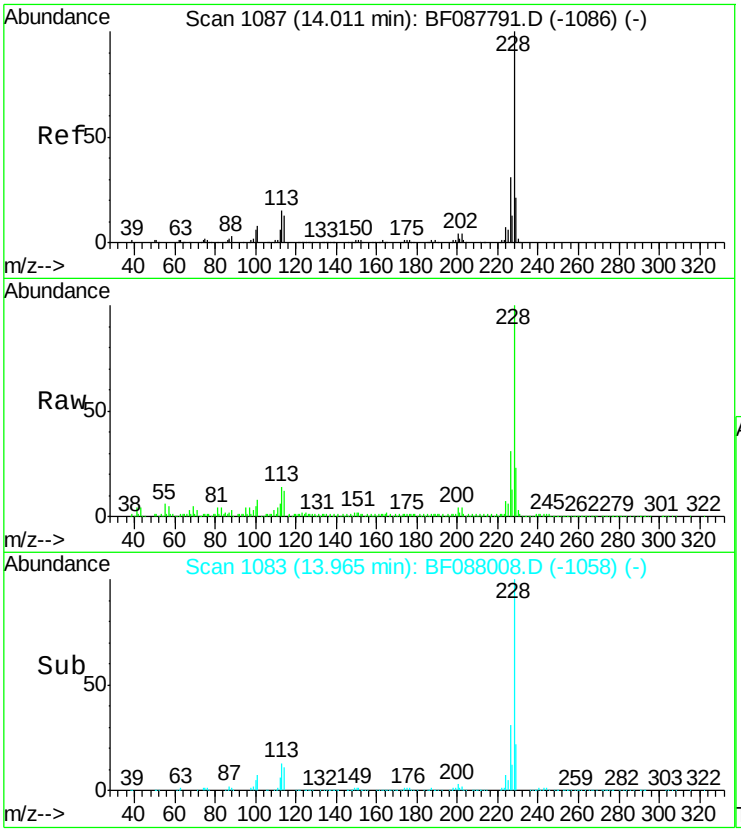


#80
Benzo(a)anthracene
Concen: 19.50 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:228 Resp: 271439

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.6	16.0	24.0



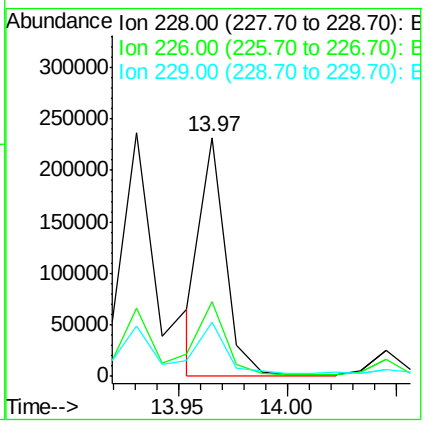


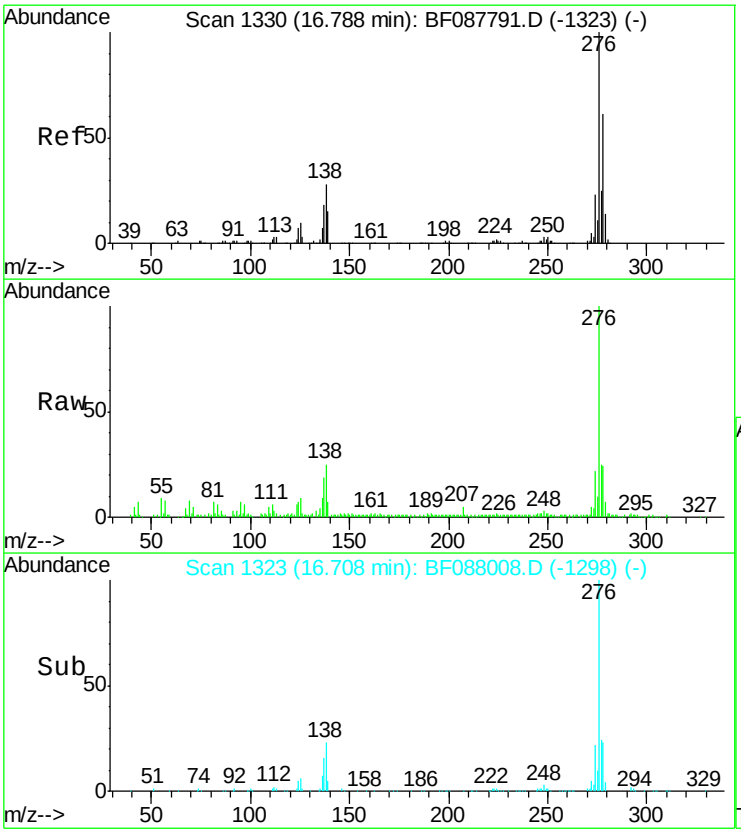
#82
Chrysene
Concen: 13.94 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:228 Resp: 182496

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	22.6	16.3	24.5

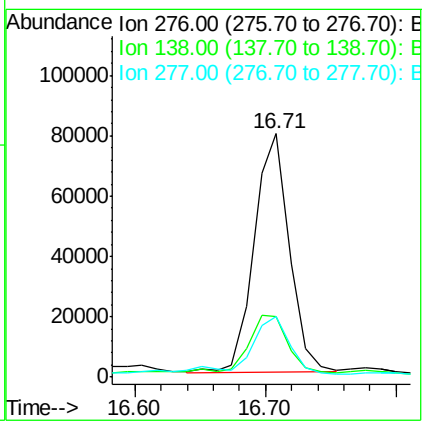


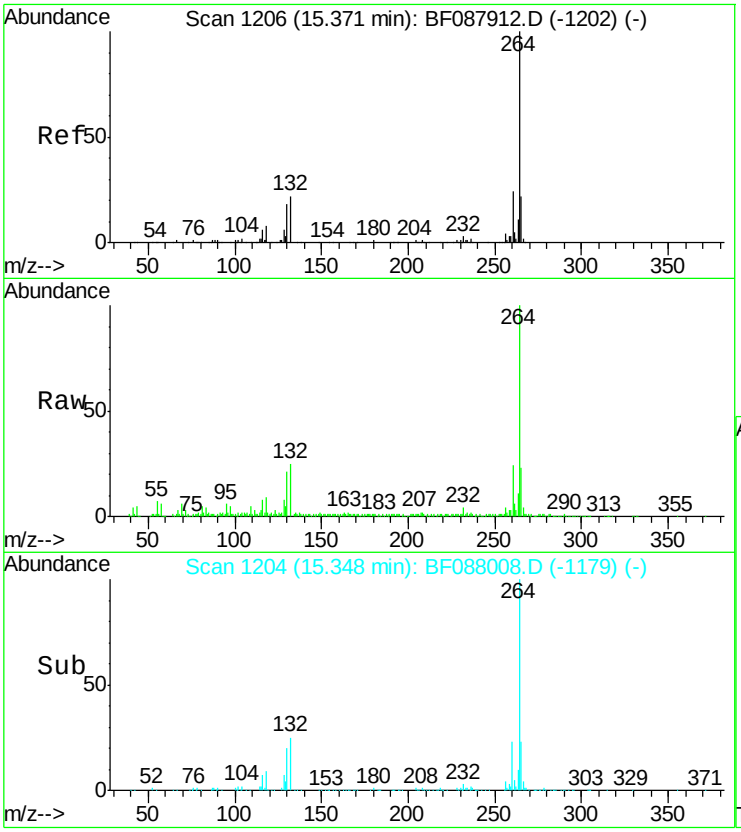


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.20 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:276 Resp: 148429

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	0.0#
277	27.7	0.0	0.0#



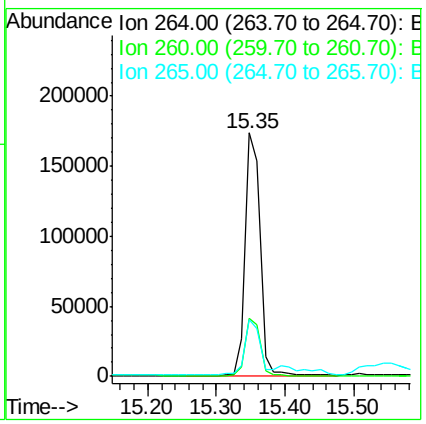


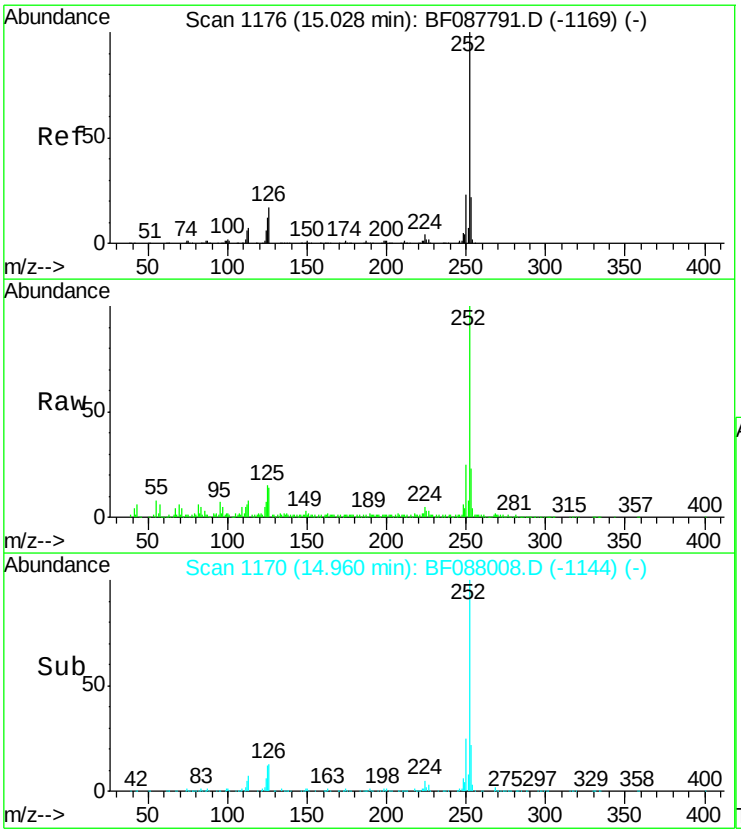
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:264 Resp: 259749

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.2	16.9	25.3

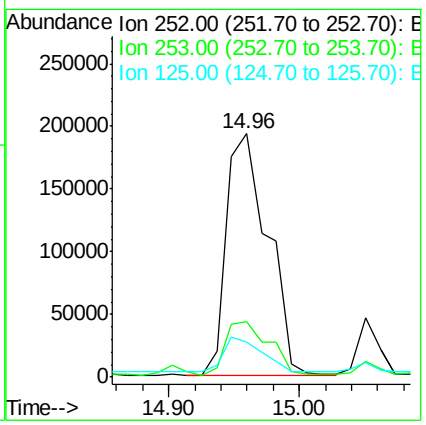


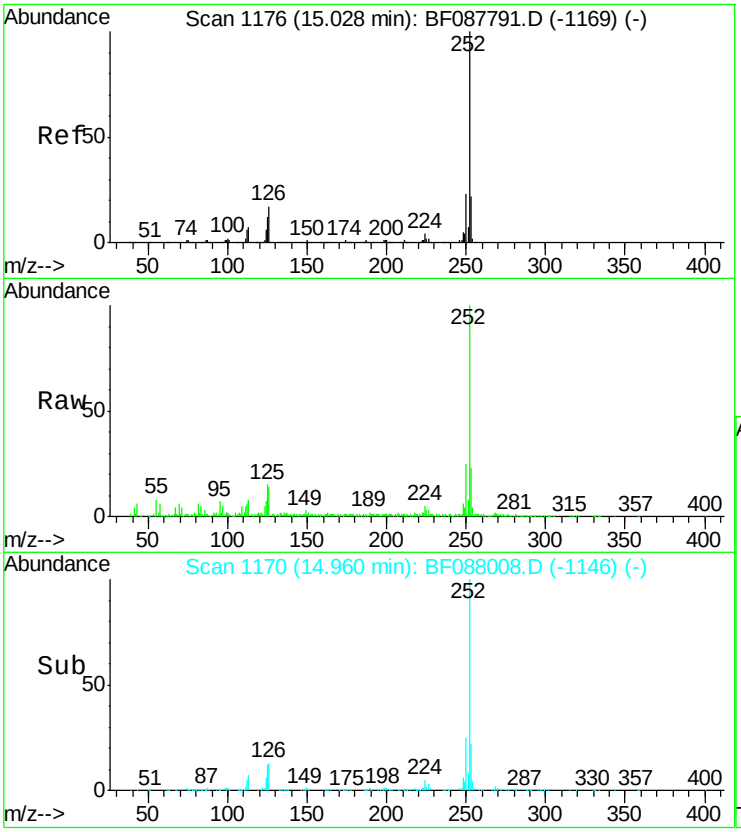


#87
Benzo(b)fluoranthene
Concen: 23.52 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:252 Resp: 425793

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.6	7.1	10.7#



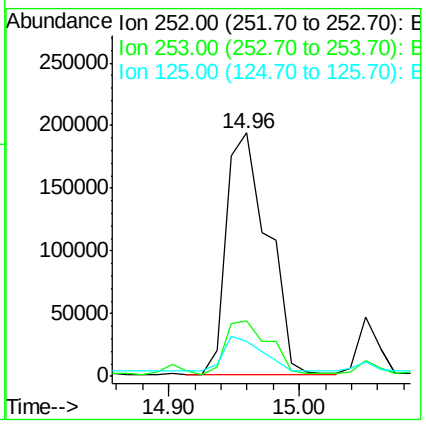


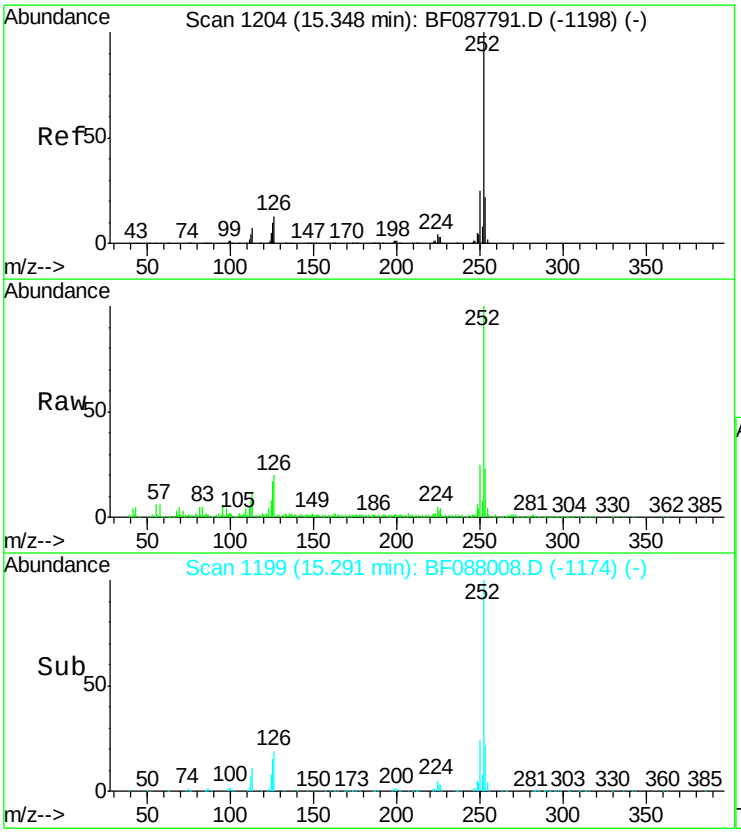
#88
Benzo(k)fluoranthene
Concen: 31.18 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:252 Resp: 425793

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.6	11.2	16.8

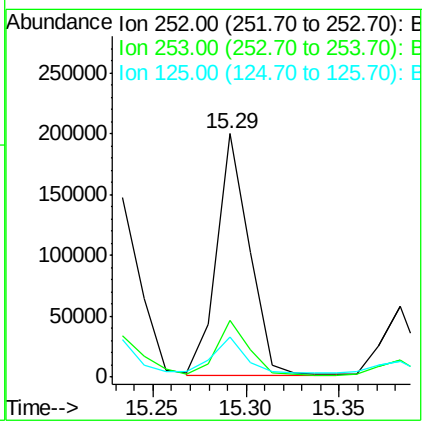


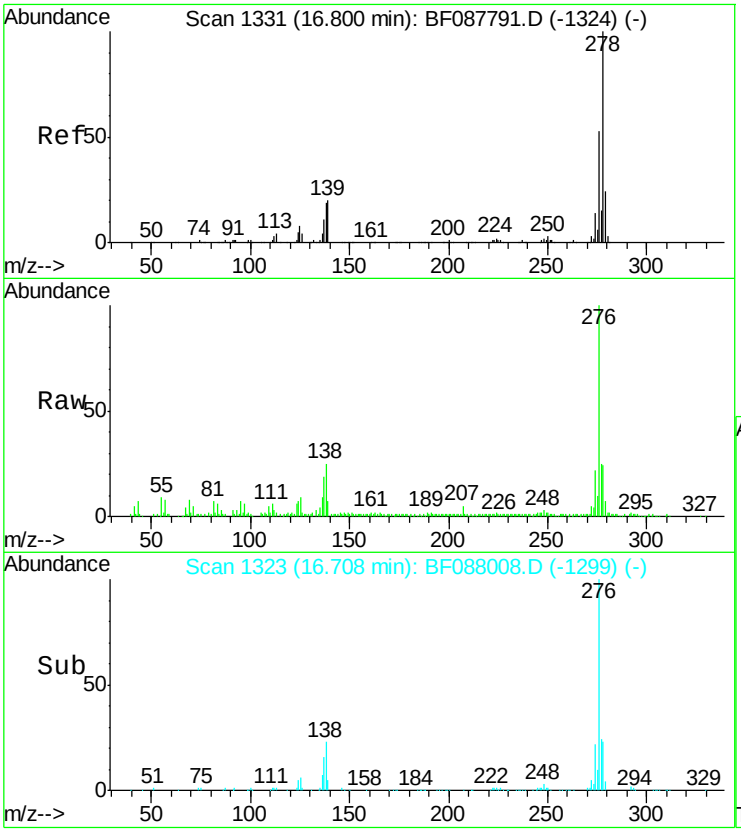


#89
Benzo(a)pyrene
Concen: 16.63 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:252 Resp: 243617

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	16.6	12.5	18.7



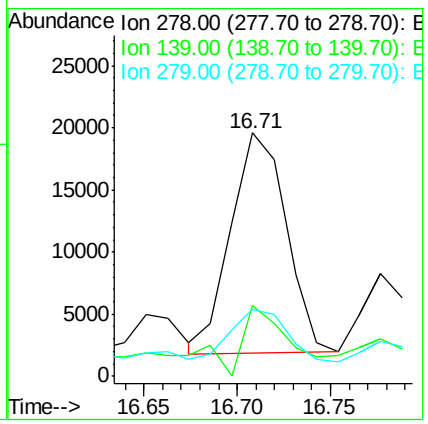


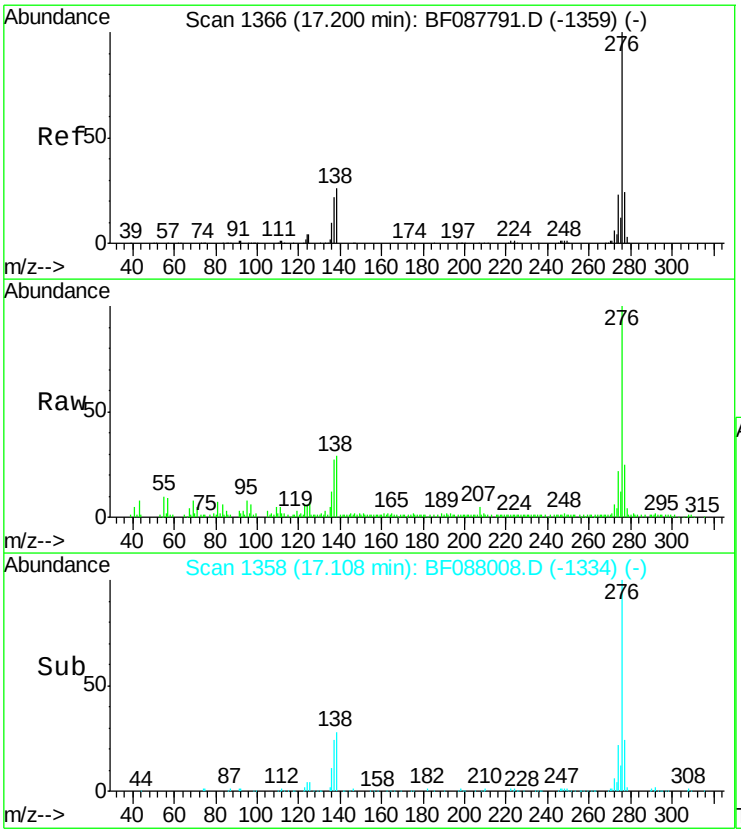
#90
Dibenzo(a,h)anthracene
Concen: 2.68 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:278 Resp: 36499

Ion	Ratio	Lower	Upper
278	100		
139	29.2	15.7	23.5#
279	27.5	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 10.46 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:276 Resp: 146355

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	29.1	21.4	32.2