Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084809.D
Acq On : 4 Feb 2016 2:44
Operator : SJ/IZ
Sample : H1312-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B036(20-22)

Quant Time: Feb 04 04:09:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	176202	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	770125	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	339316	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	610695	20.00	ng		0.00
75) Chrysene-d12	13.84	240	468944	20.00	ng		0.00
86) Perylene-d12	15.21	264	350682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1442380	127.50	ng		0.01
7) Phenol-d6	6.34	99	1665378	118.75	ng		0.00
23) Nitrobenzene-d5	7.25	82	1081971	79.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	426226	120.42	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1984408	108.53	ng		0.00
78) Terphenyl-d14	12.80	244	1734327	83.81	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.37	93	41276	2.41	ng	#	38
10) Phenol	6.35	94	49983	3.18	ng		93
15) Benzyl Alcohol	6.84	79	23908	2.47	ng	#	45
19) n-Nitroso-di-n-propylamine	7.25	70	145355	16.53	ng	#	71
31) Naphthalene	8.00	128	264135	6.84	ng		97
33) 4-Chloroaniline	8.00	127	34205	2.14	ng	#	39
37) 2-Methylnaphthalene	8.68	142	49003	2.03	ng		95
49) Dimethylphthalate	9.45	163	329543	12.75	ng	#	89
51) Acenaphthene	9.76	154	56745	2.58	ng		95
54) Dibenzofuran	9.93	168	73314	2.72	ng		97
55) 4-Nitrophenol	9.93	139	27996	6.00	ng	#	12
56) 2,4-Dinitrotoluene	9.72	165	46392	6.44	ng	#	22
57) Fluorene	10.27	166	81608	3.63	ng		99
66) 4-Bromophenyl-phenylether	10.51	248	26186	3.88	ng	#	1
70) Phenanthrene	11.23	178	562860	16.62	ng		100
71) Anthracene	11.28	178	182252	5.34	ng		98
72) Carbazole	11.44	167	62454	2.10	ng		99
74) Fluoranthene	12.41	202	362218	10.57	ng		98
76) Benzidine	12.34	184	658	6.92	ng	#	1
77) Pyrene	12.64	202	347562	9.68	ng		99
80) Benzo(a)anthracene	13.83	228	147712	5.08	ng		98
82) Chrysene	13.83	228	147712	5.23	ng		95
87) Benzo(b)fluoranthene	14.83	252	103734	4.40	ng	#	97
88) Benzo(k)fluoranthene	14.83	252	103734	5.32	ng		99
89) Benzo(a)pyrene	15.15	252	64269	3.20	ng	#	96

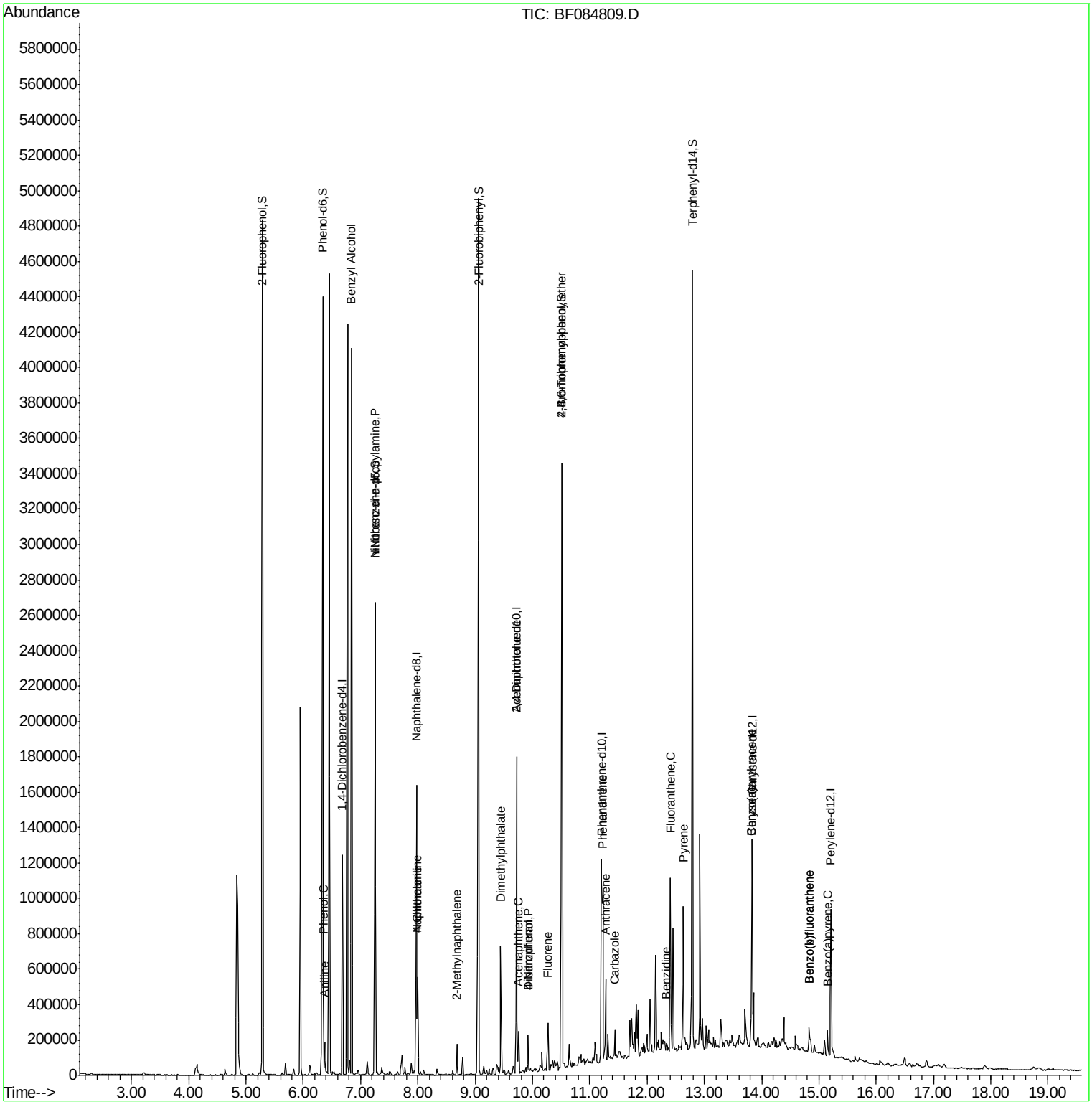
(#) = qualifier out of range (m) = manual integration (+) = signals summed

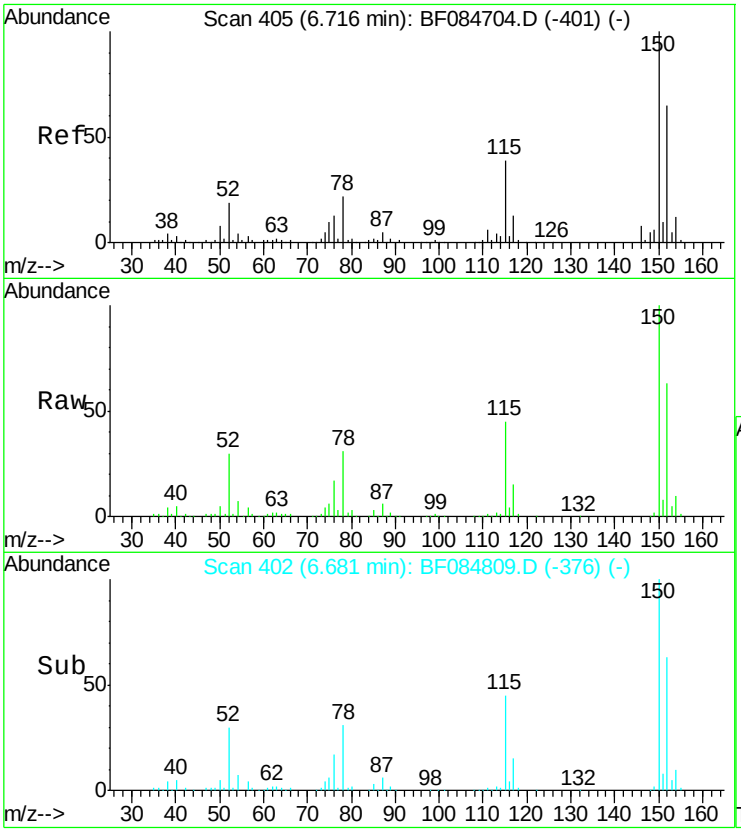
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084809.D
Acq On : 4 Feb 2016 2:44
Operator : SJ/IZ
Sample : H1312-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B036(20-22)

Quant Time: Feb 04 04:09:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



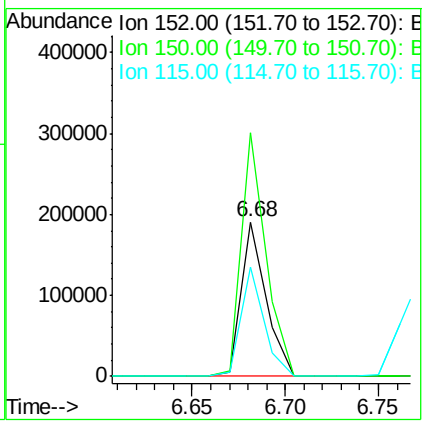


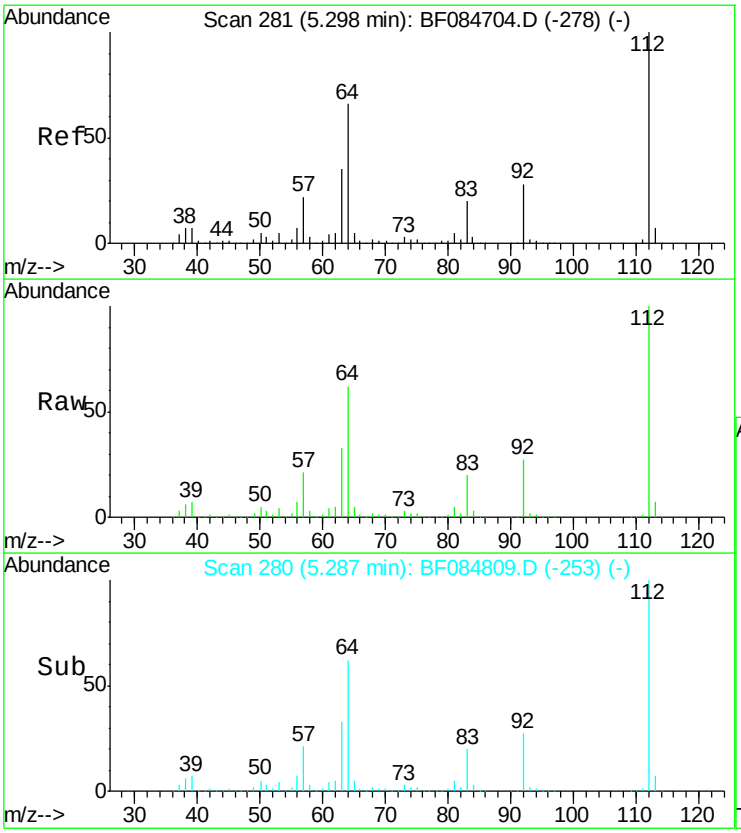
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:152 Resp: 176202

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	71.1	51.4	77.2

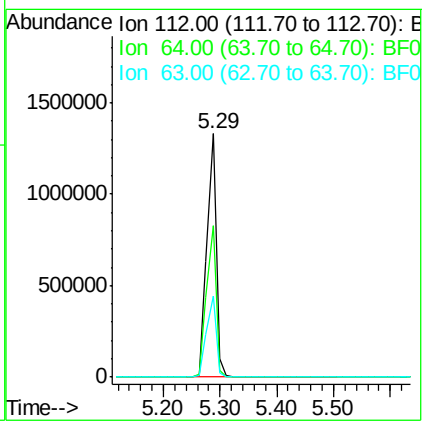


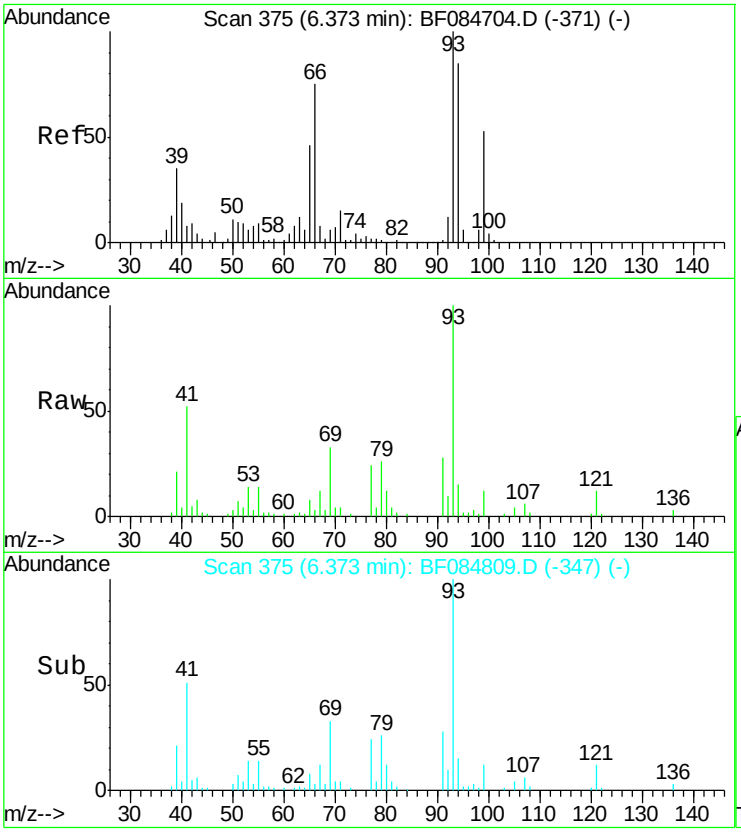


#5
2-Fluorophenol
Concen: 127.50 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:112 Resp: 1442380

Ion	Ratio	Lower	Upper
112	100		
64	62.3	36.6	55.0#
63	33.4	19.4	29.0#



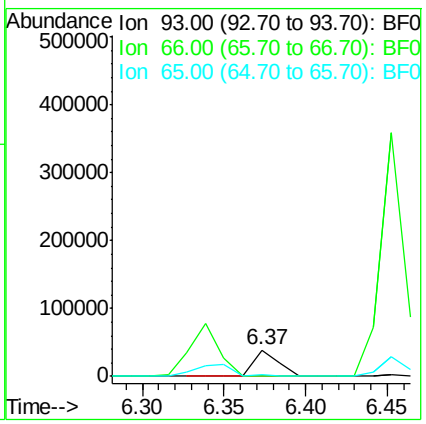


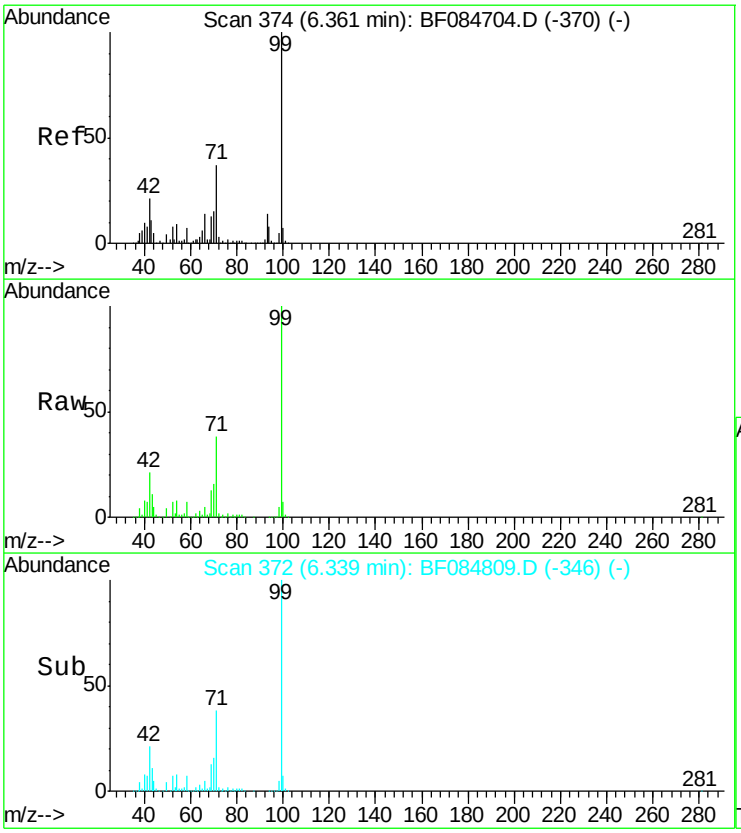
#6
Aniline
Concen: 2.41 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.02 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion: 93 Resp: 41276

Ion	Ratio	Lower	Upper
93	100		
66	3.1	44.9	67.3#
65	7.6	23.7	35.5#

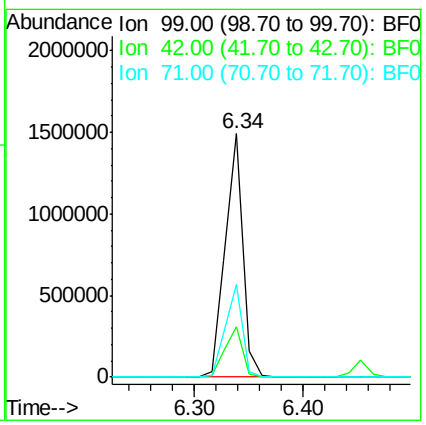


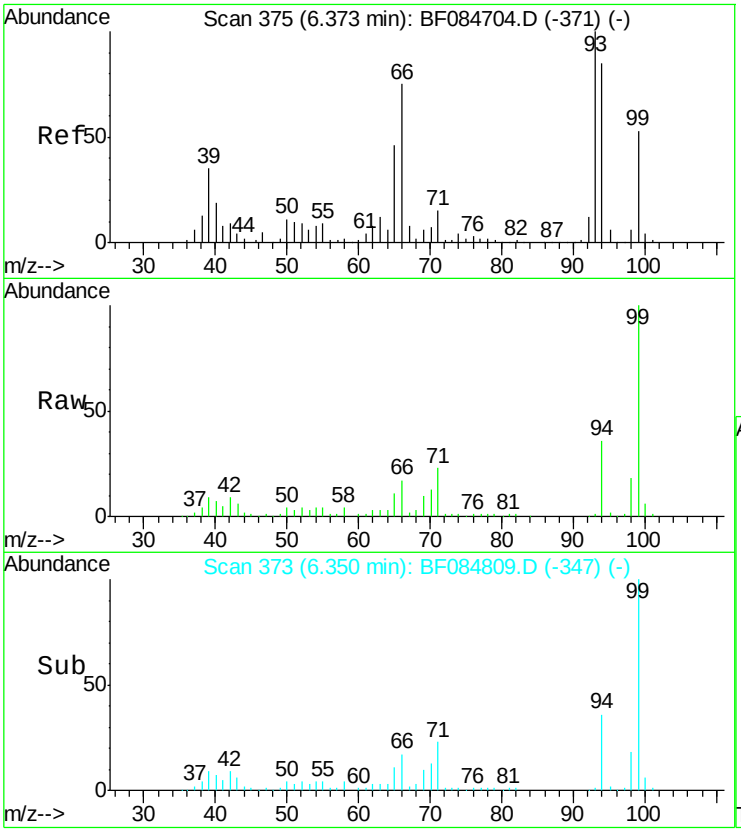


#7
Phenol-d6
Concen: 118.75 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion: 99 Resp: 1665378

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.9	30.9	46.3



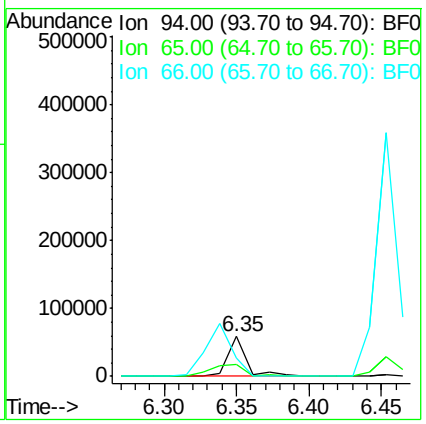


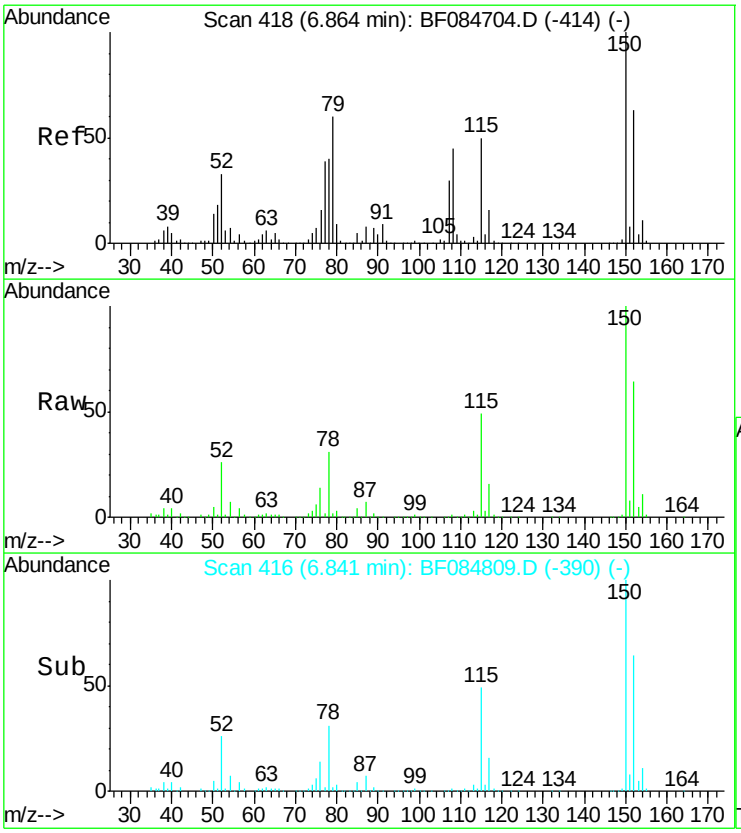
#10
Phenol
Concen: 3.18 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion: 94 Resp: 49983

Ion	Ratio	Lower	Upper
94	100		
65	29.6	12.9	52.9
66	47.1	32.7	72.7

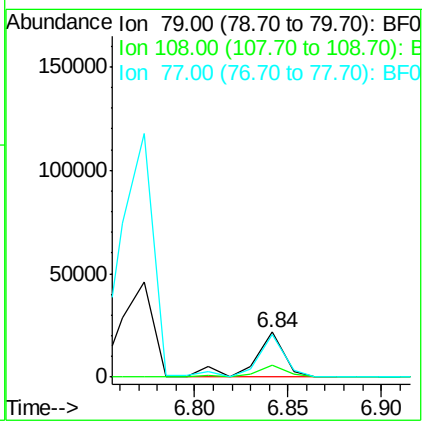


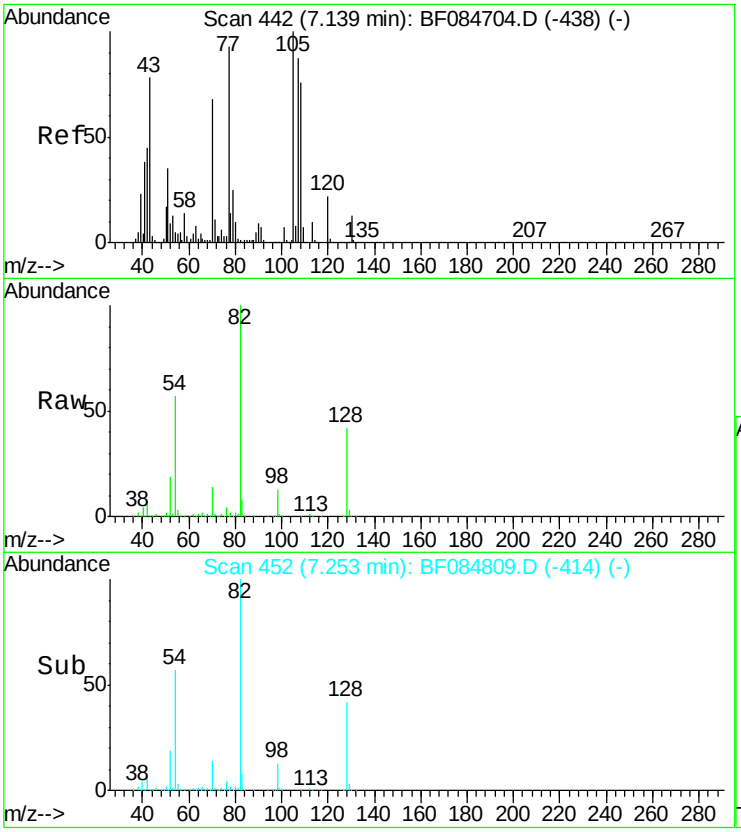


#15
Benzyl Alcohol
Concen: 2.47 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion: 79 Resp: 23908

Ion	Ratio	Lower	Upper
79	100		
108	27.4	69.0	103.4#
77	95.5	50.0	75.0#



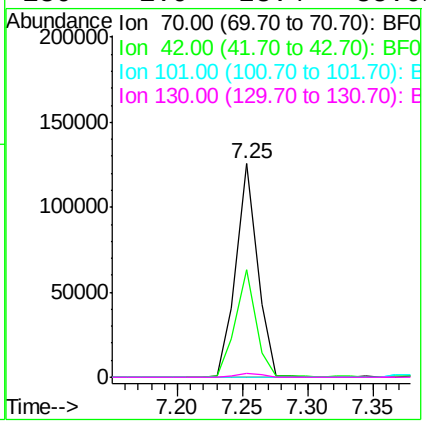


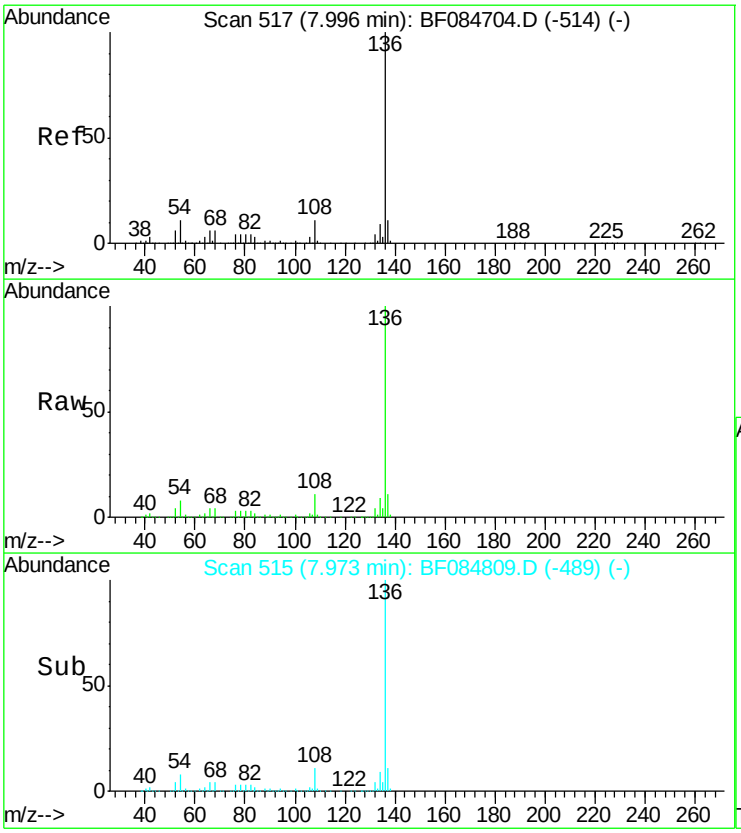
#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion: 70 Resp: 145355

Ion	Ratio	Lower	Upper
70	100		
42	50.4	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

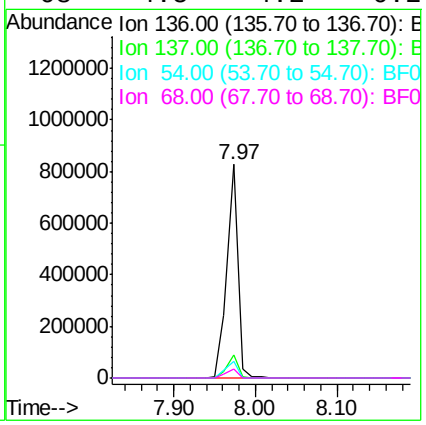


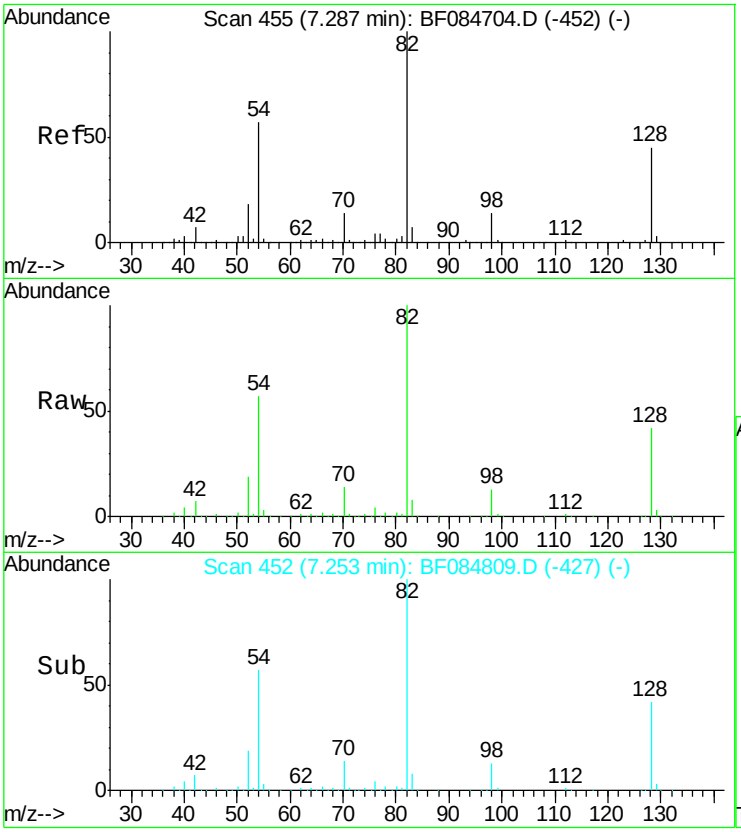


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:136 Resp: 770125

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2



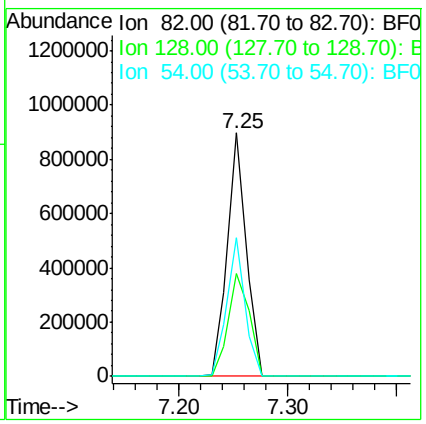


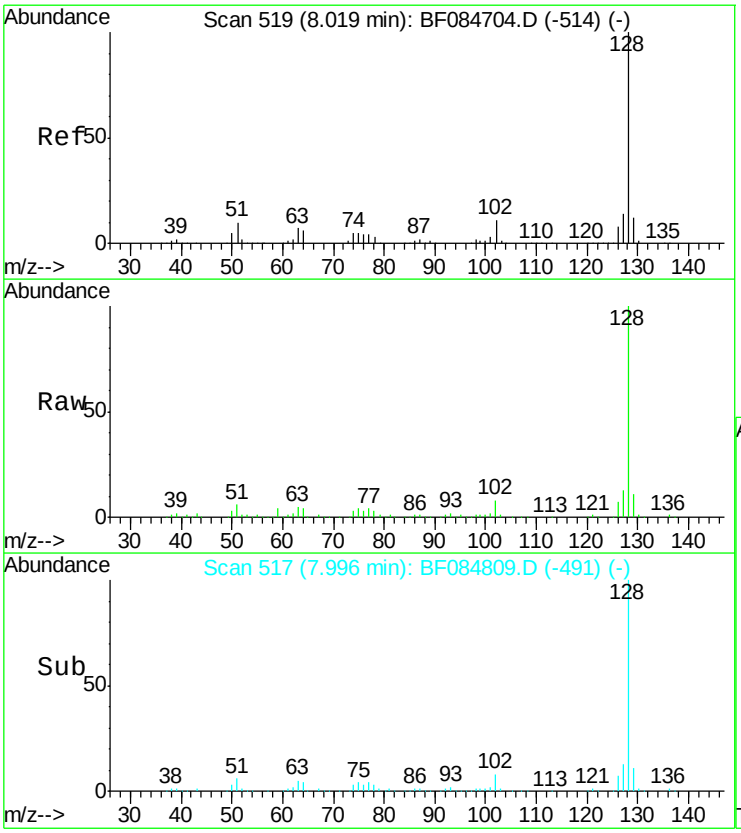
#23
Nitrobenzene-d5
Concen: 79.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion: 82 Resp: 1081971

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	57.2	38.4	57.6

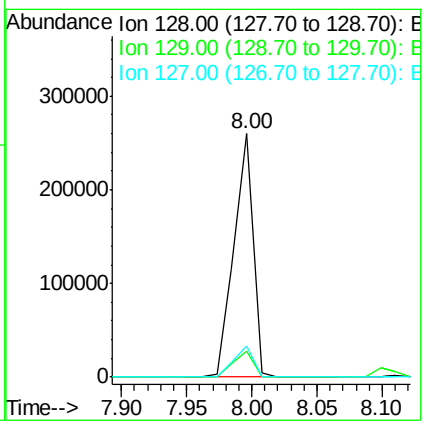


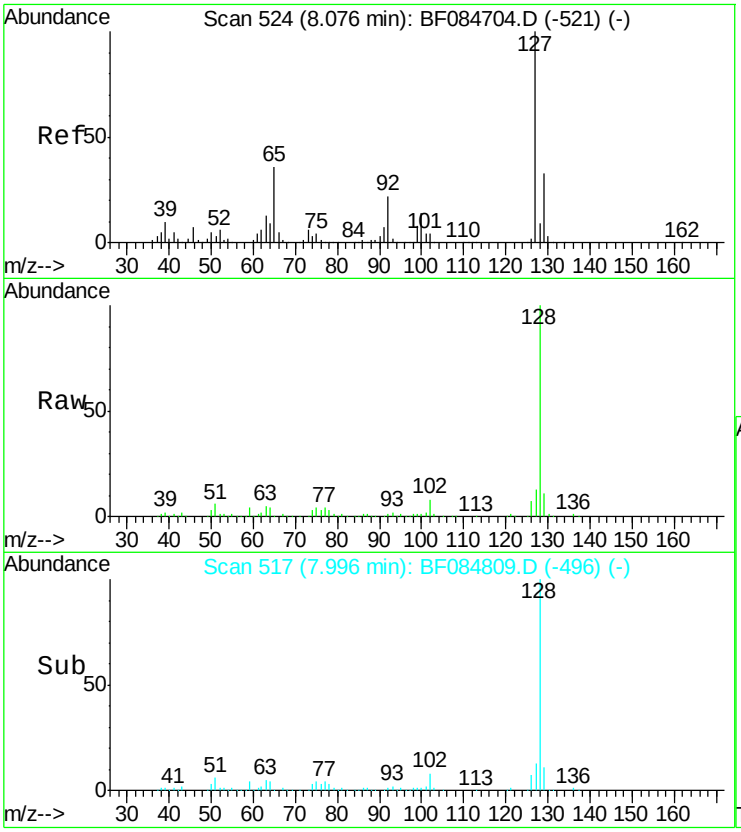


#31
Naphthalene
Concen: 6.84 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:128 Resp: 264135

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	12.8	11.1	16.7



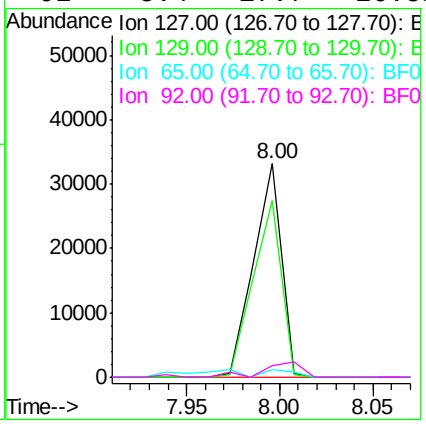


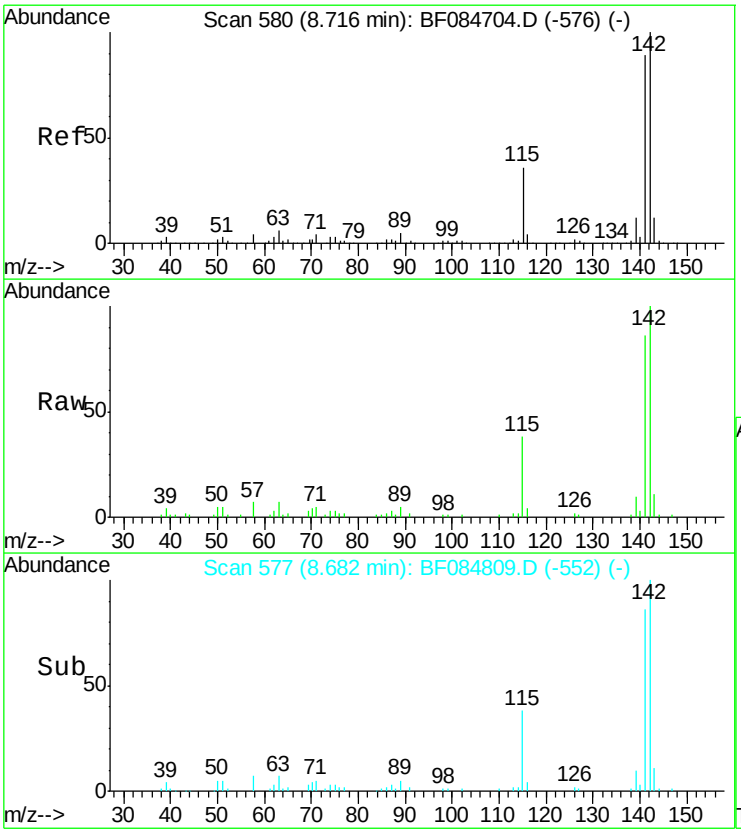
#33
4-Chloroaniline
Concen: 2.14 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:127 Resp: 34205

Ion	Ratio	Lower	Upper
127	100		
129	82.5	26.5	39.7#
65	3.5	27.2	40.8#
92	5.4	17.7	26.5#

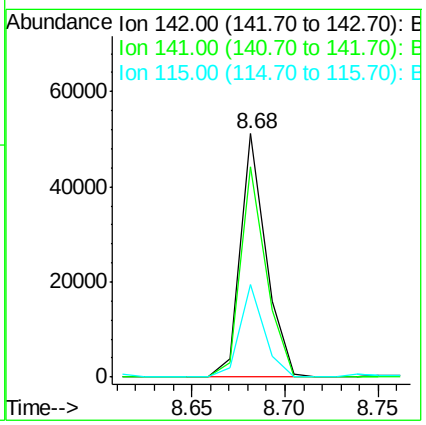


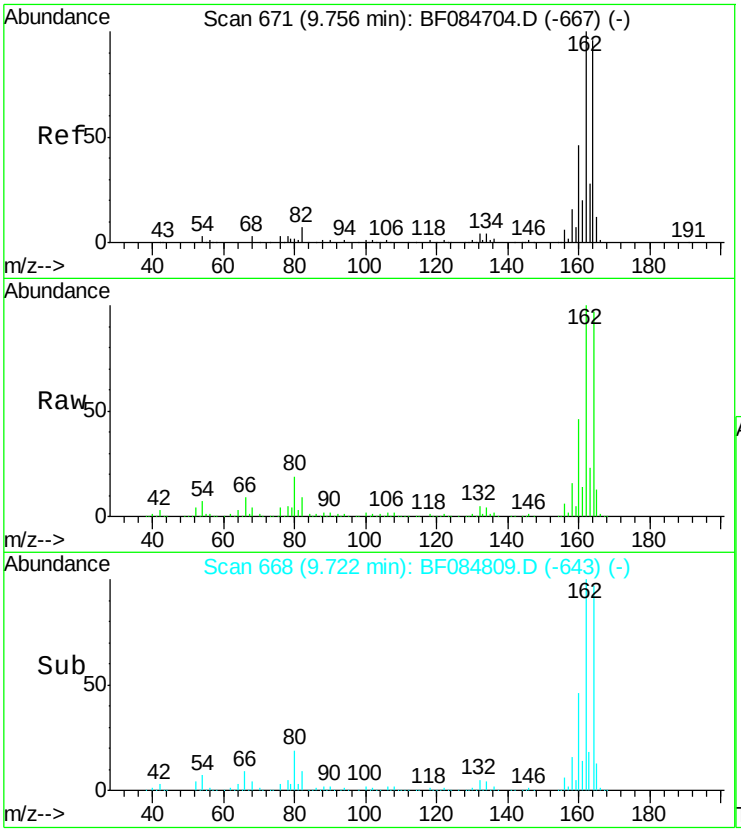


#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:142 Resp: 49003

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.4	108.6
115	38.0	27.9	41.9



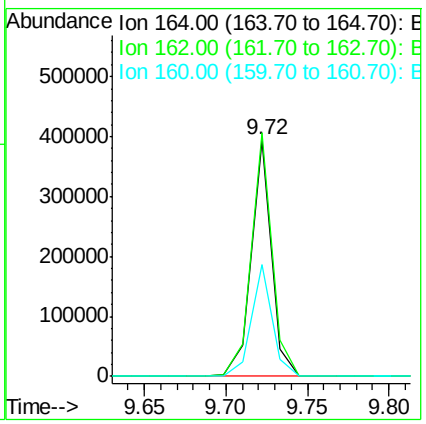


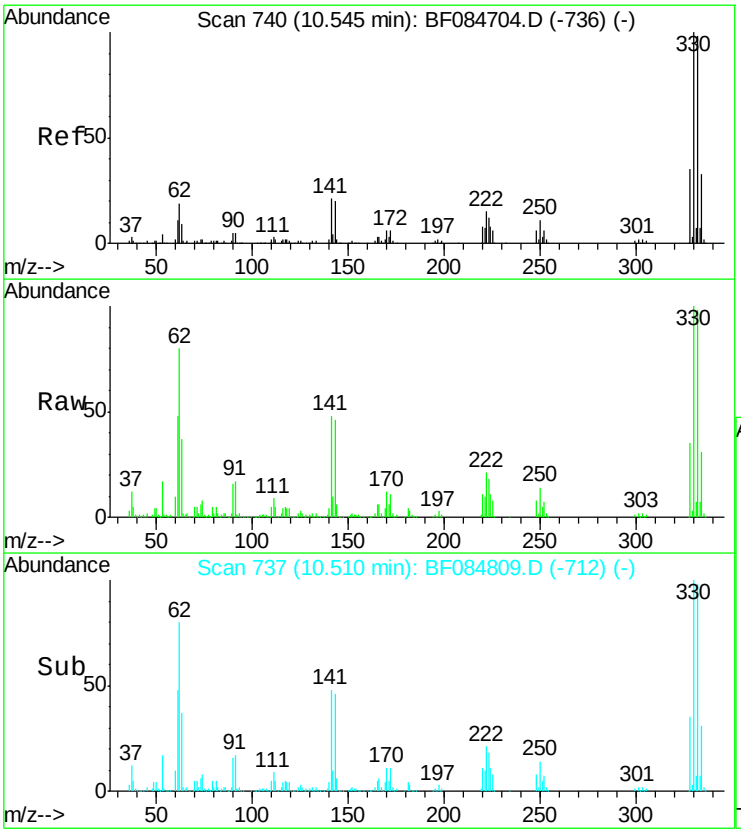
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:164 Resp: 339316

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	47.5	37.5	56.3

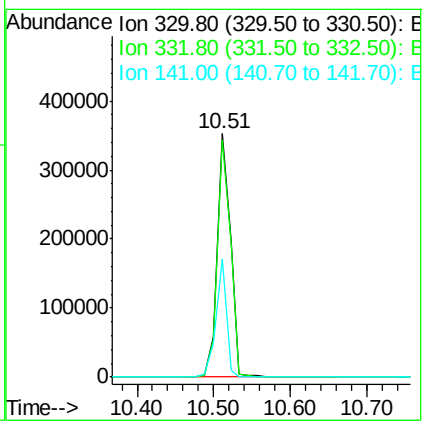


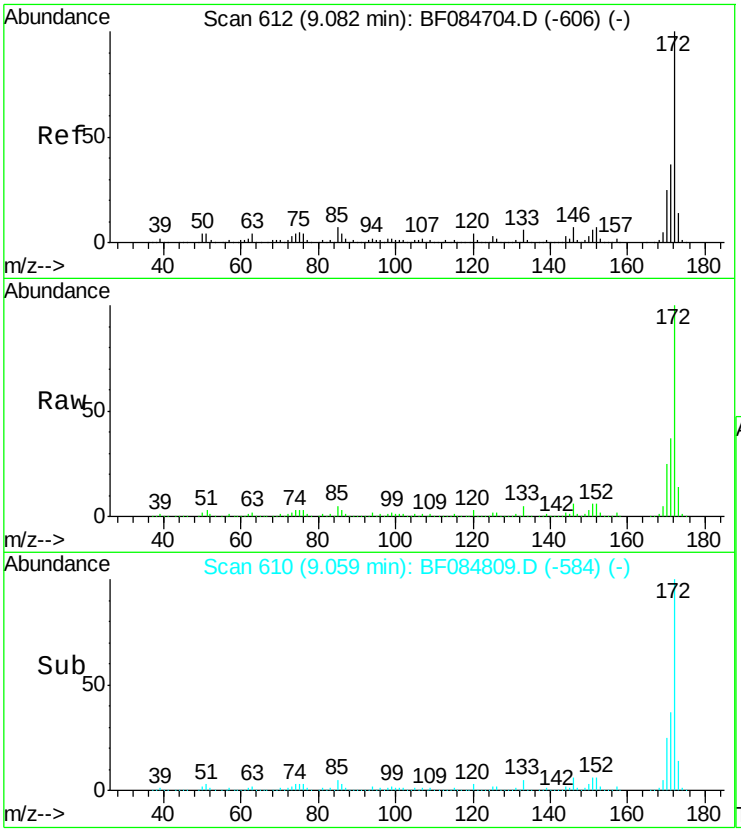


#41
2,4,6-Tribromophenol
Concen: 120.42 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:330 Resp: 426226

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	38.7	27.8	41.6



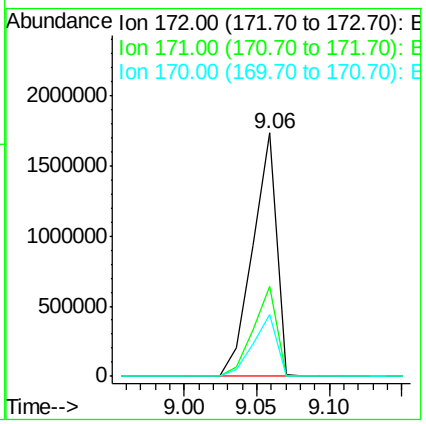


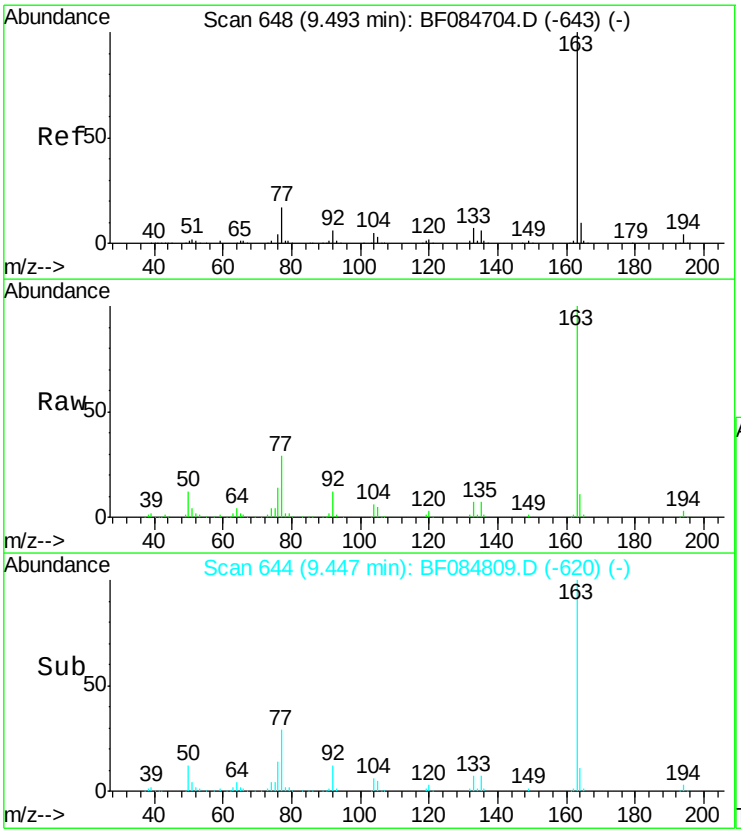
#44
2-Fluorobiphenyl
Concen: 108.53 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:172 Resp: 1984408

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.2	18.6	27.8

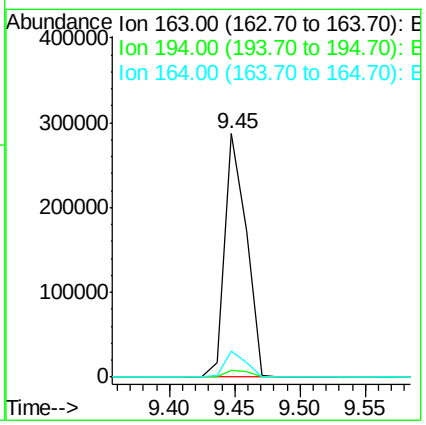


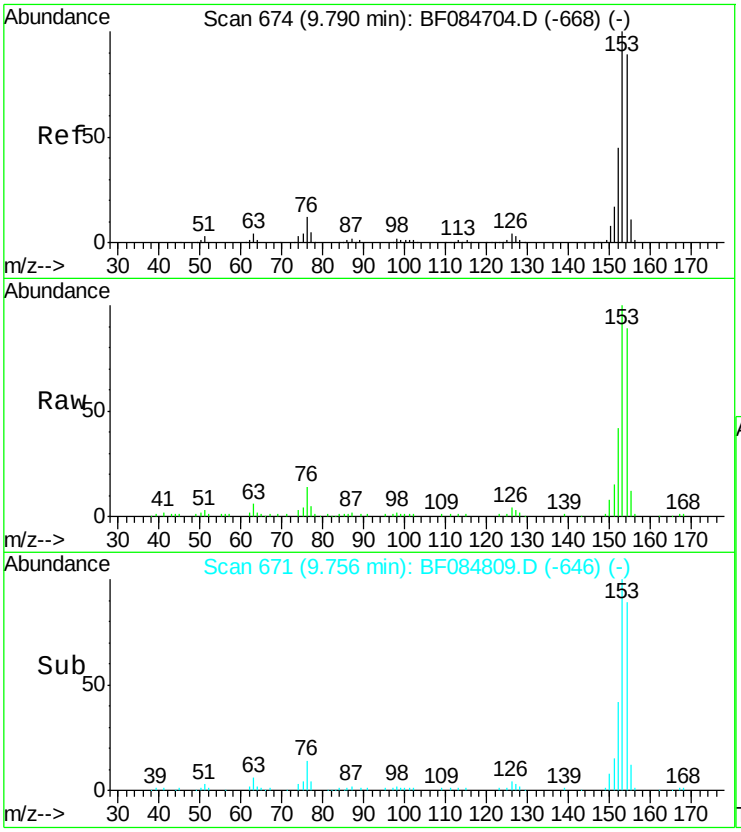


#49
Dimethylphthalate
Concen: 12.75 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:163 Resp: 329543

Ion	Ratio	Lower	Upper
163	100		
194	2.5	8.0	12.0#
164	10.8	8.0	12.0



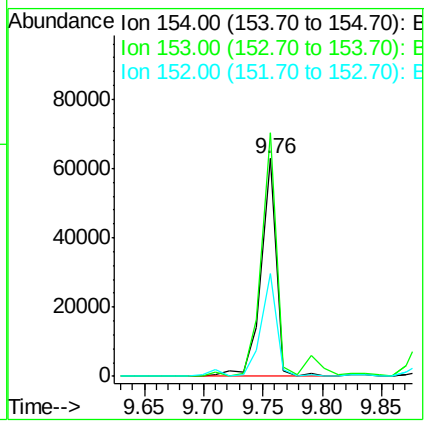


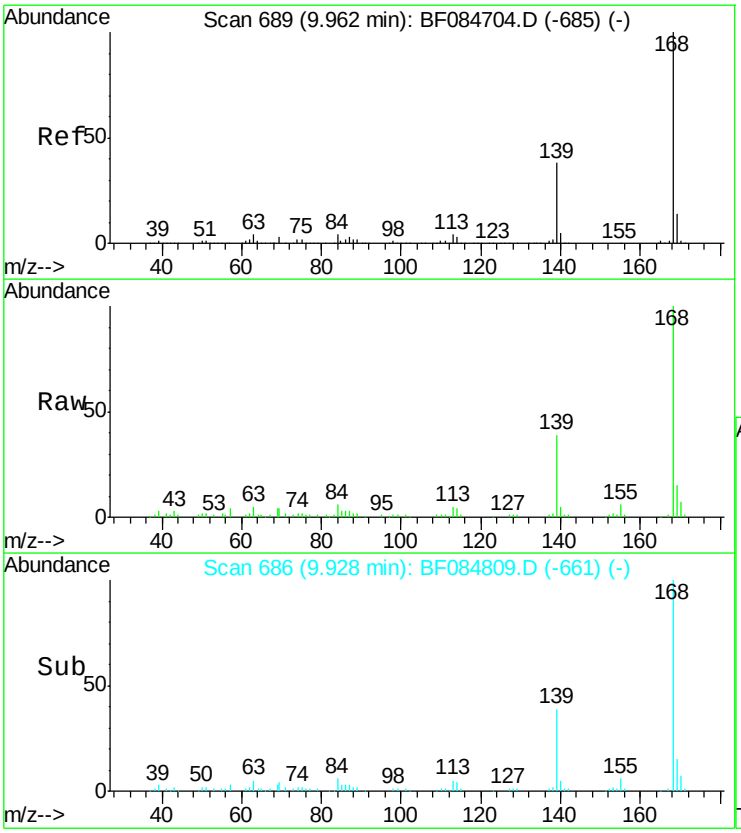
#51
Acenaphthene
Concen: 2.58 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:154 Resp: 56745

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.5	137.3
152	47.2	43.0	64.6

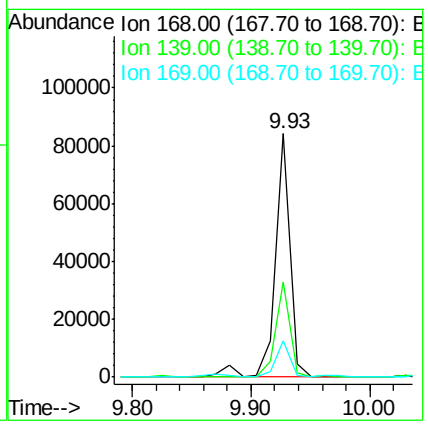


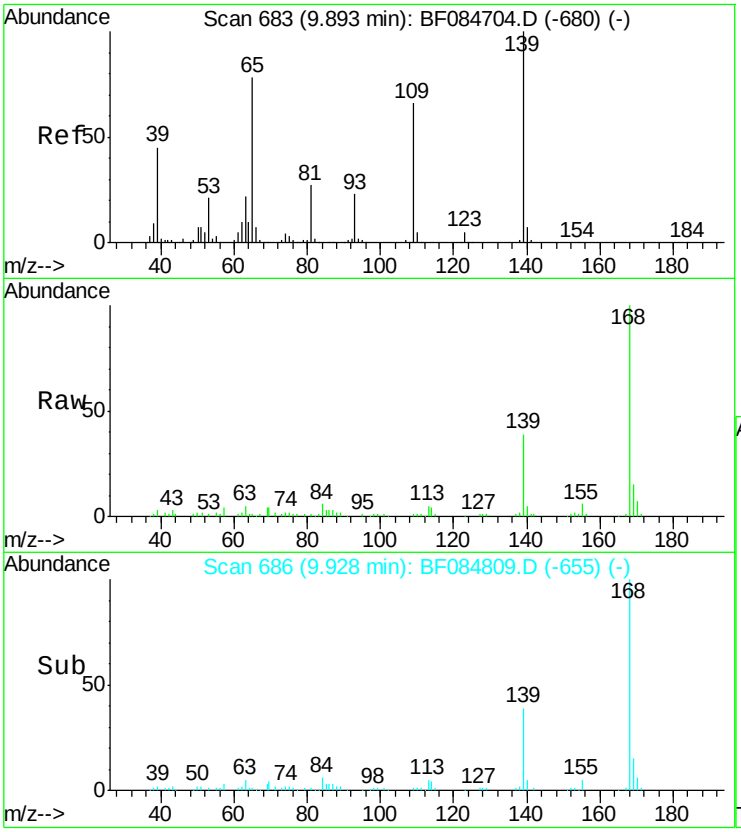


#54
Dibenzofuran
Concen: 2.72 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:168 Resp: 73314

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.5	45.7
169	14.9	10.4	15.6



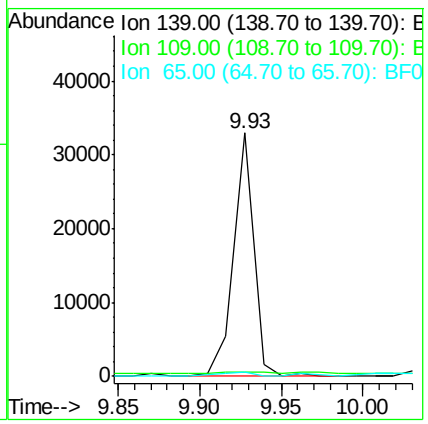


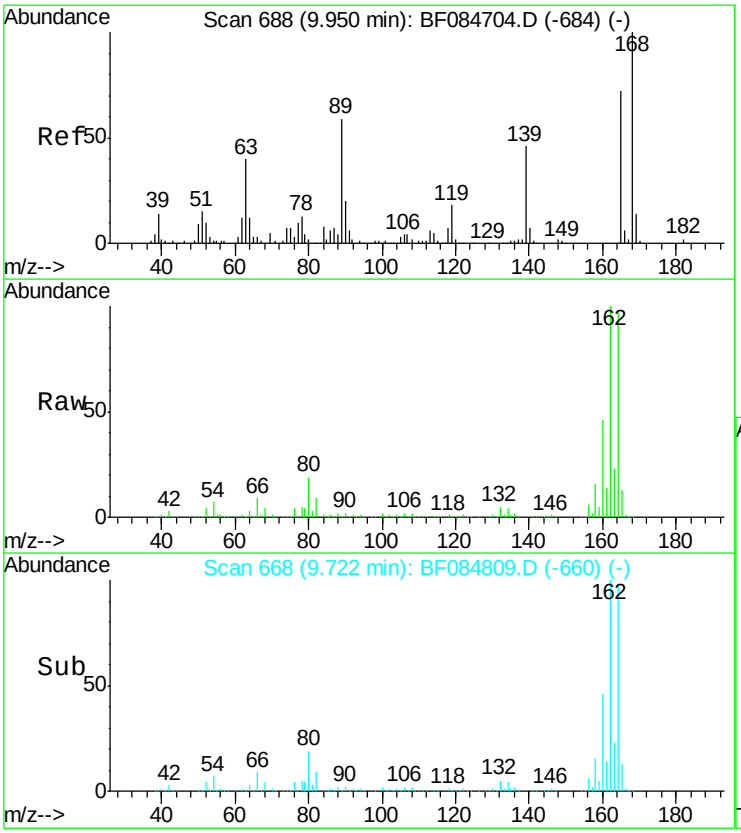
#55
4-Nitrophenol
Concen: 6.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.06 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:139 Resp: 27996

Ion	Ratio	Lower	Upper
139	100		
109	1.6	58.5	98.5#
65	1.9	57.6	97.6#

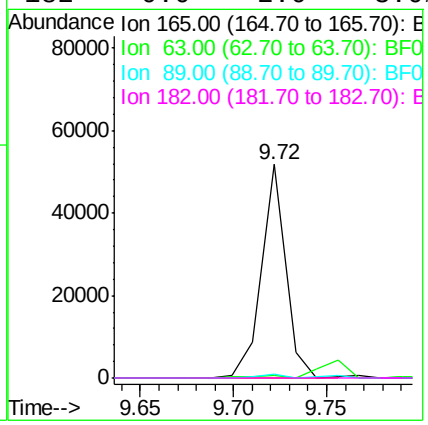


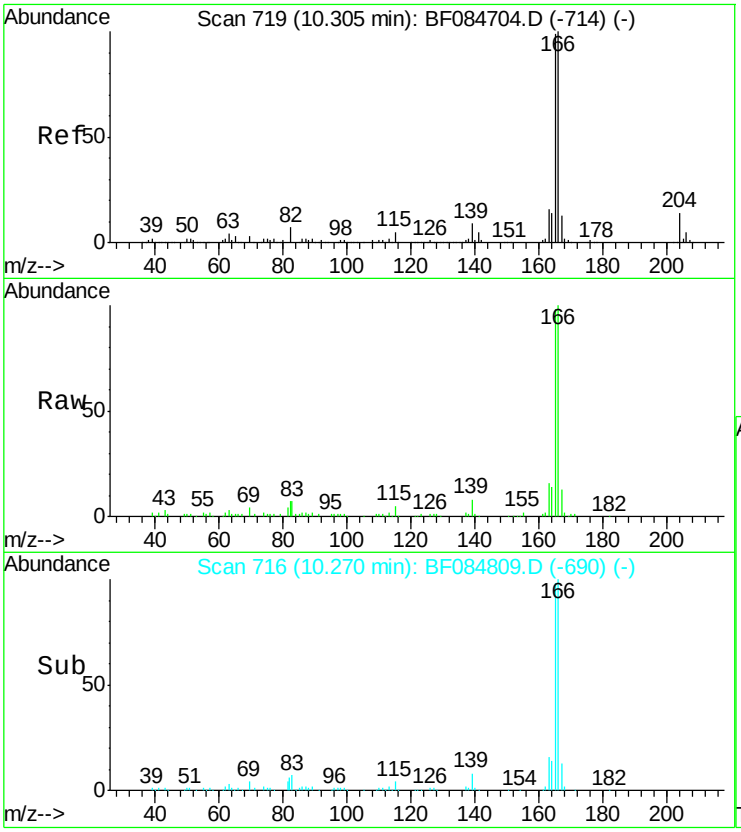


#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:165 Resp: 46392

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#



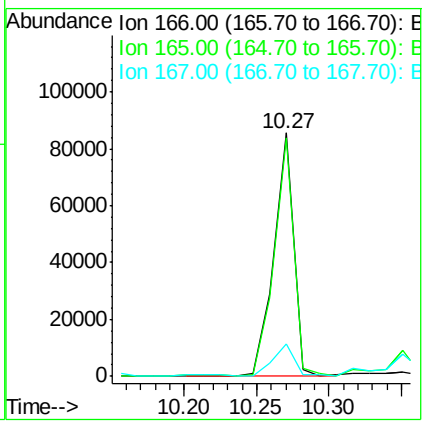


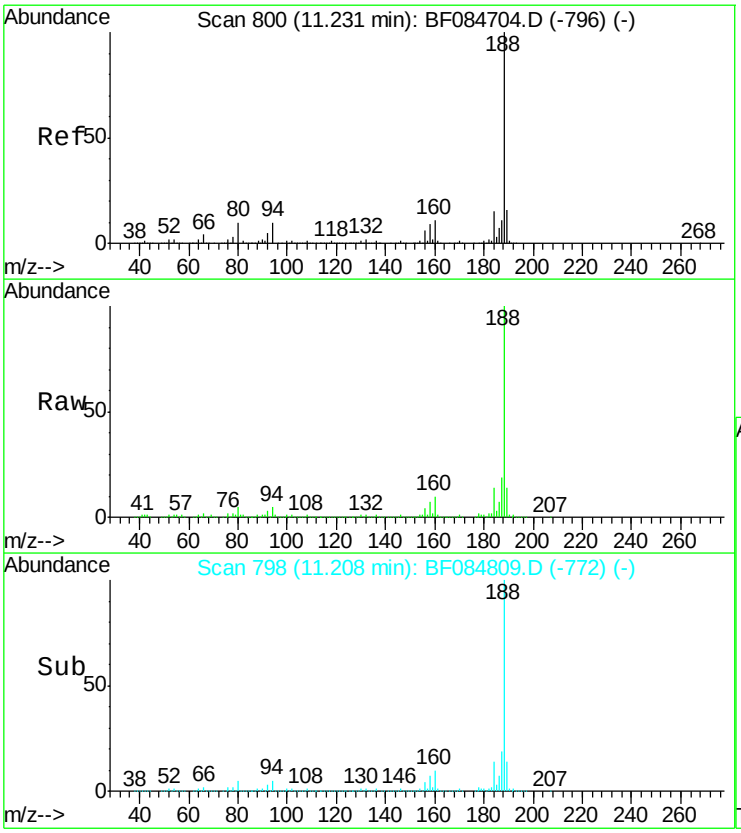
#57
Fluorene
Concen: 3.63 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:166 Resp: 81608

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.3	10.4	15.6

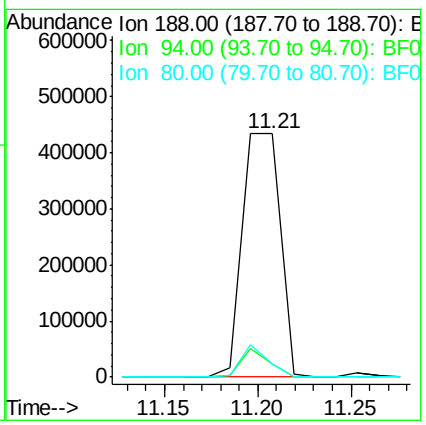


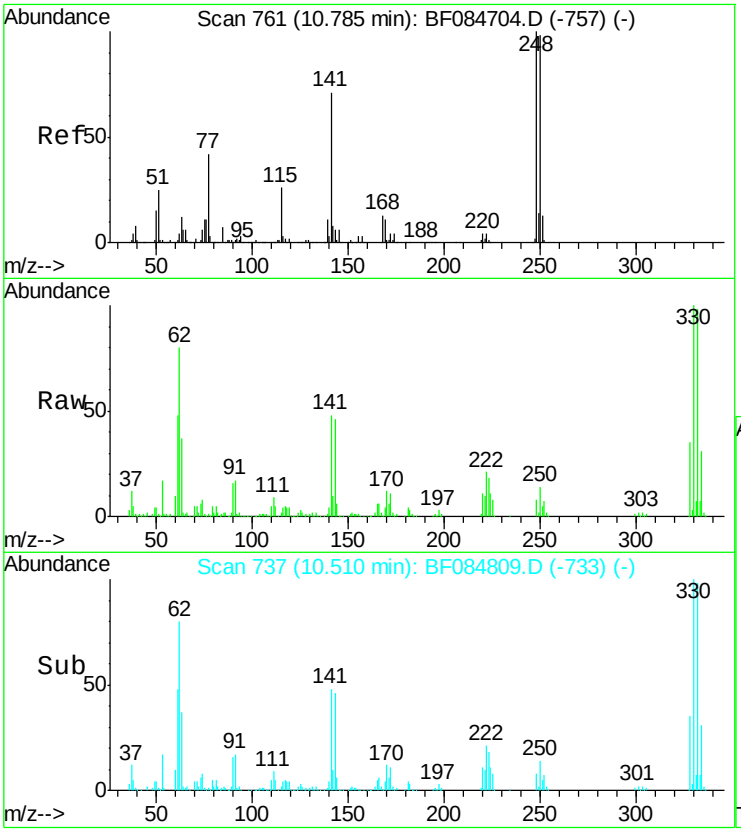


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:188 Resp: 610695

Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.4#
80	5.3	9.6	14.4#



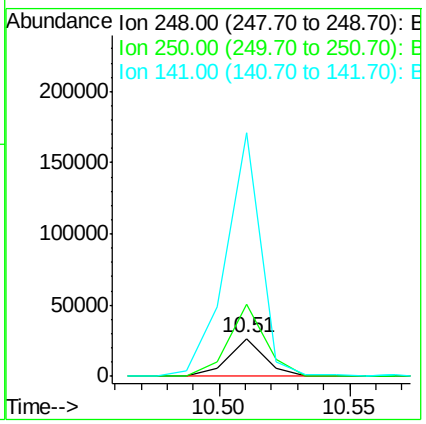


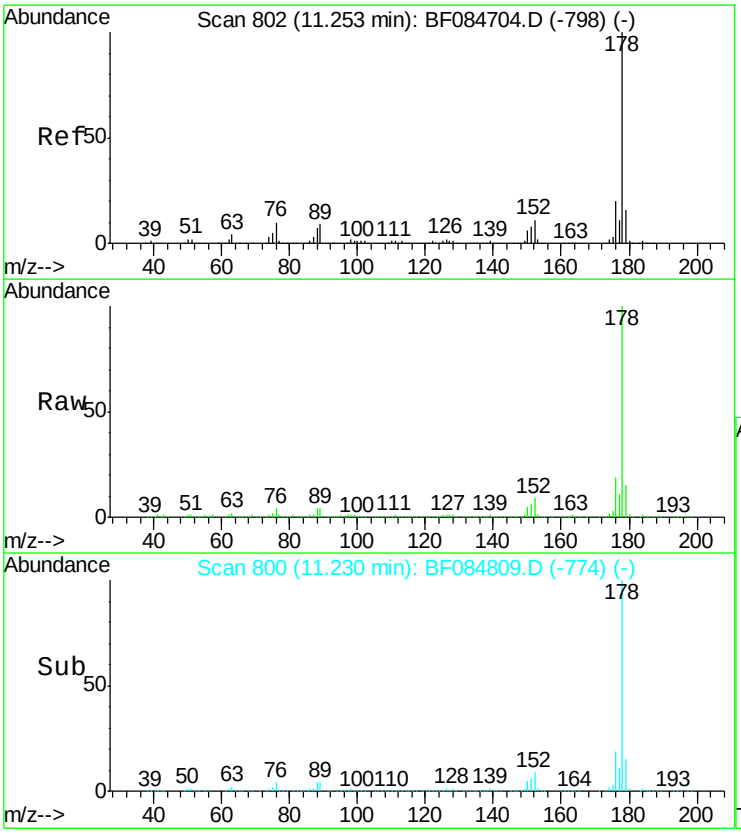
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:248 Resp: 26186

Ion	Ratio	Lower	Upper
248	100		
250	190.5	78.4	117.6#
141	643.5	44.0	66.0#

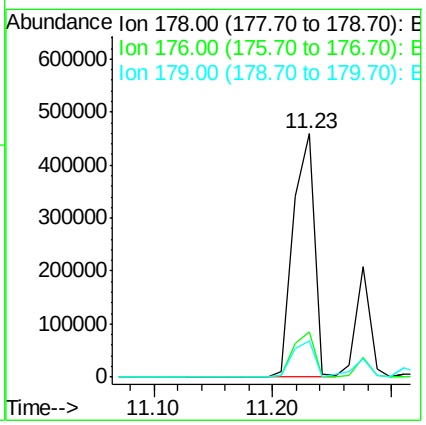


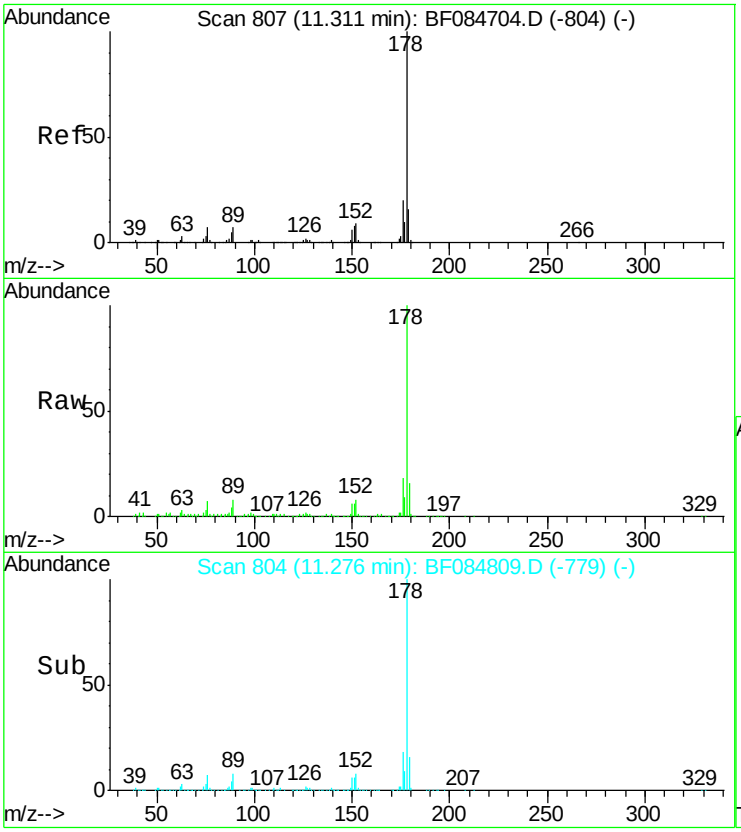


#70
Phenanthrene
Concen: 16.62 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:178 Resp: 562860

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.9	12.0	18.0



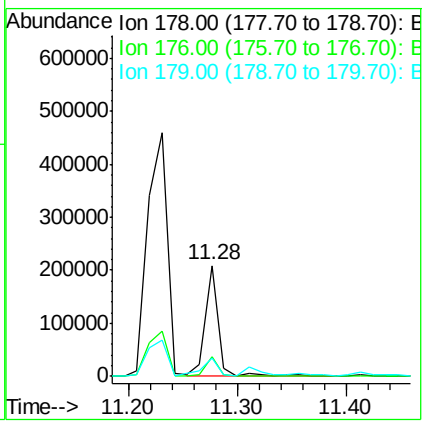


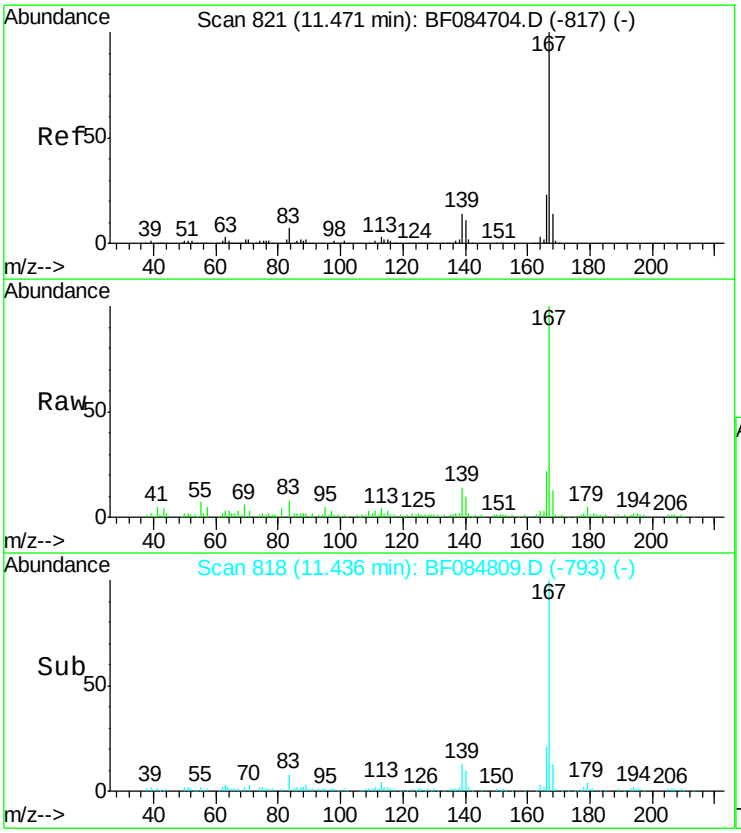
#71
Anthracene
Concen: 5.34 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:178 Resp: 182252

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	16.1	12.5	18.7

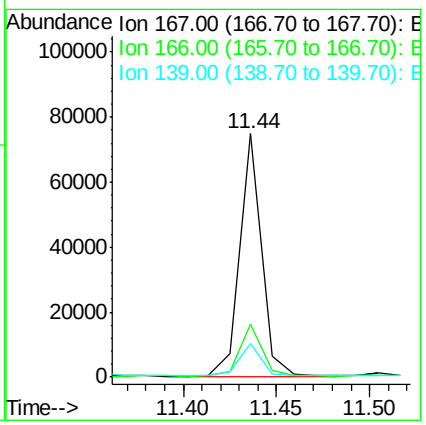


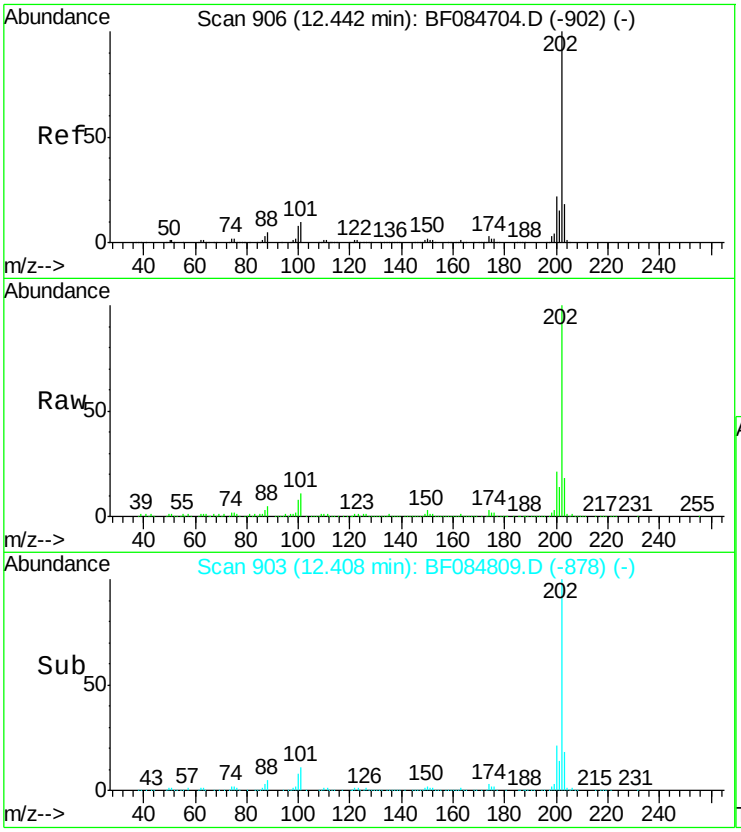


#72
Carbazole
Concen: 2.10 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:167 Resp: 62454

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.6	11.8	17.8



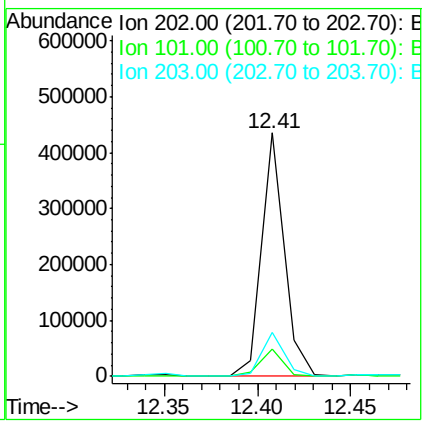


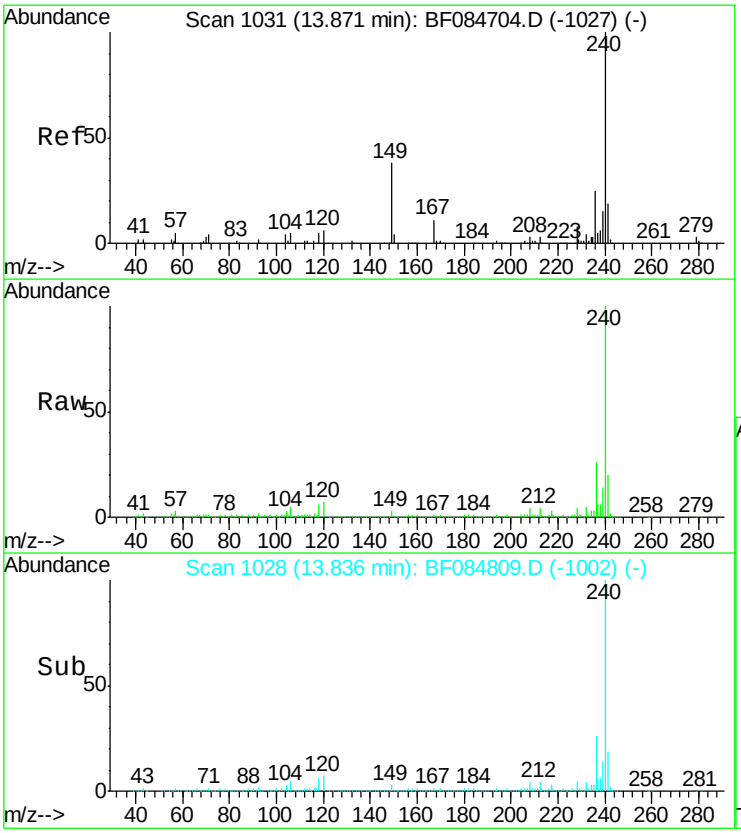
#74
Fluoranthene
Concen: 10.57 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:202 Resp: 362218

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.8
203	17.8	0.0	37.9

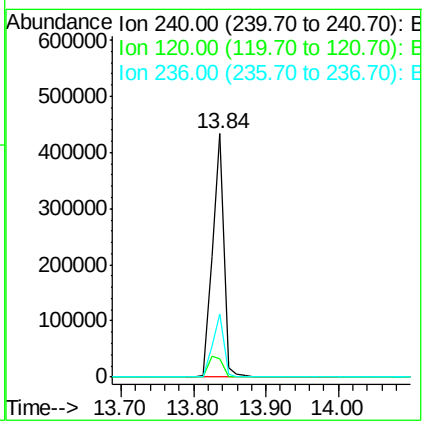


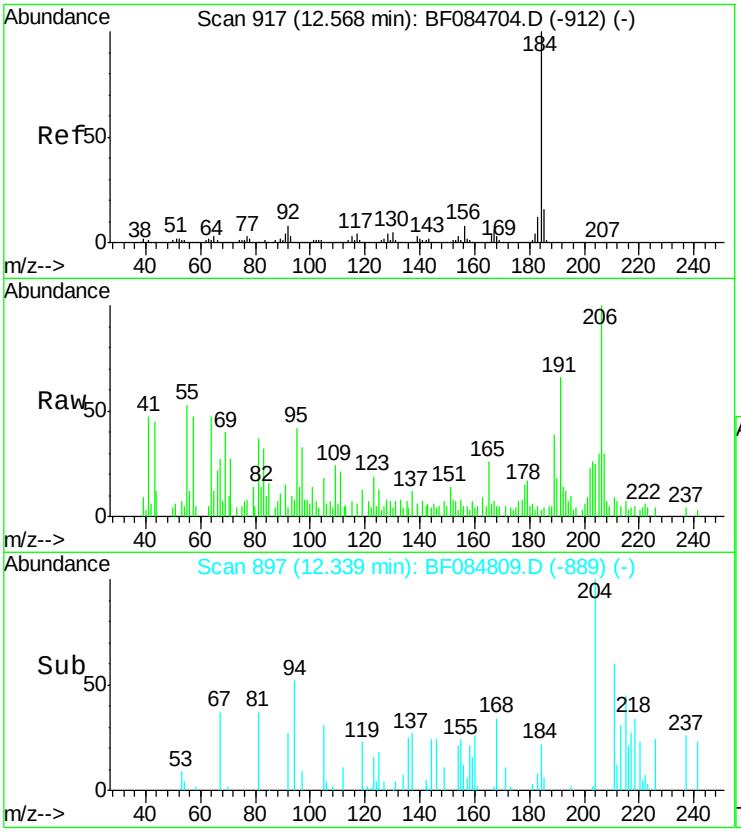


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:240 Resp: 468944

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	26.0	20.6	31.0



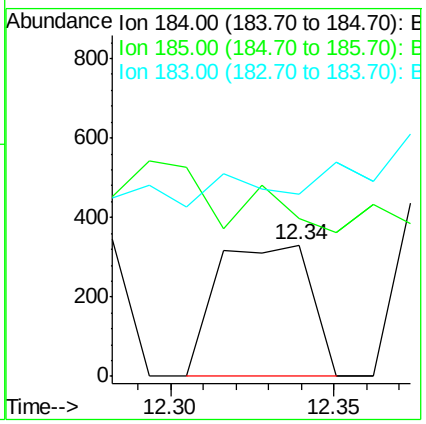


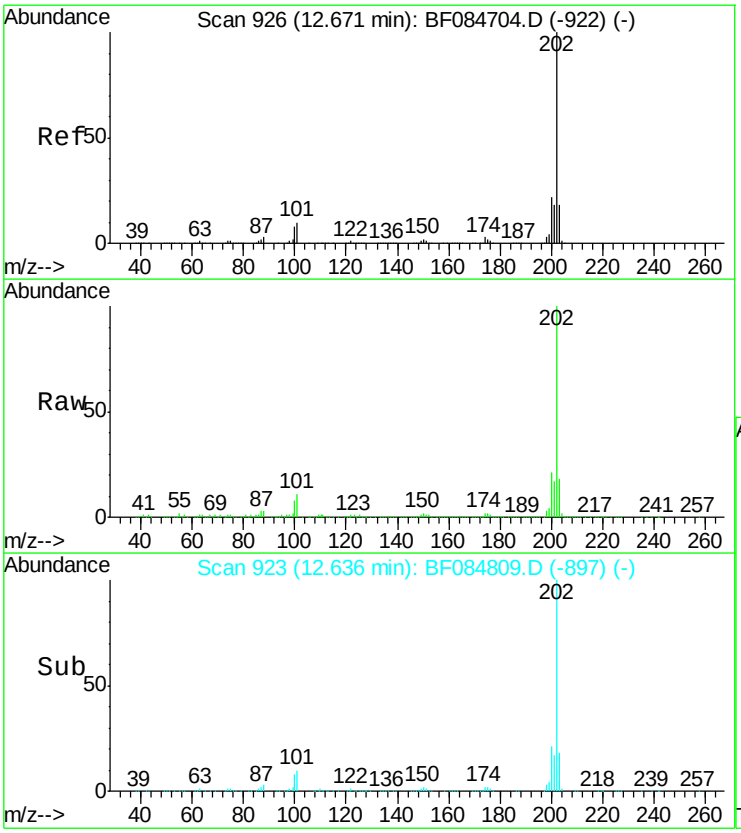
#76
Benzidine
Concen: 6.92 ng
RT: 12.34 min Scan# 897
Delta R.T. -0.21 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:184 Resp: 658

Ion	Ratio	Lower	Upper
184	100		
185	120.5	12.2	18.2#
183	138.7	9.8	14.8#

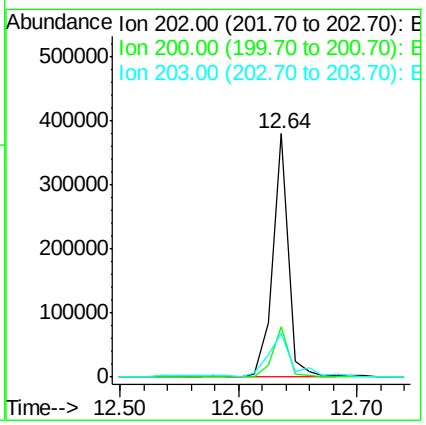


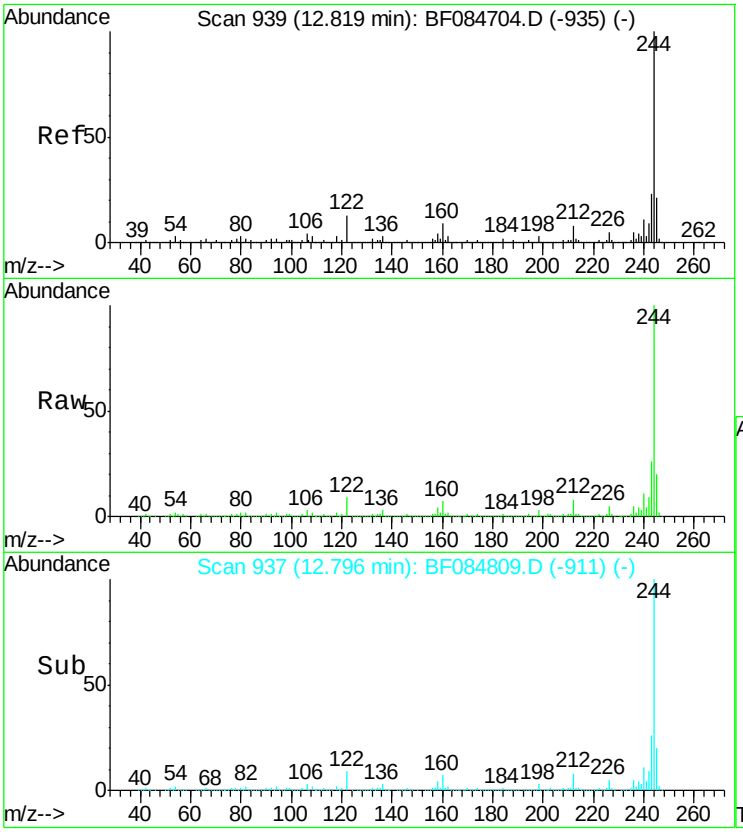


#77
Pyrene
Concen: 9.68 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:202 Resp: 347562

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	18.1	14.3	21.5



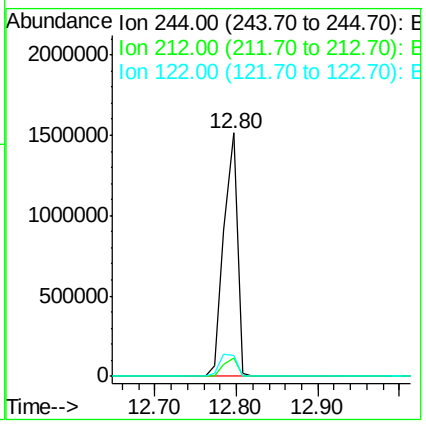


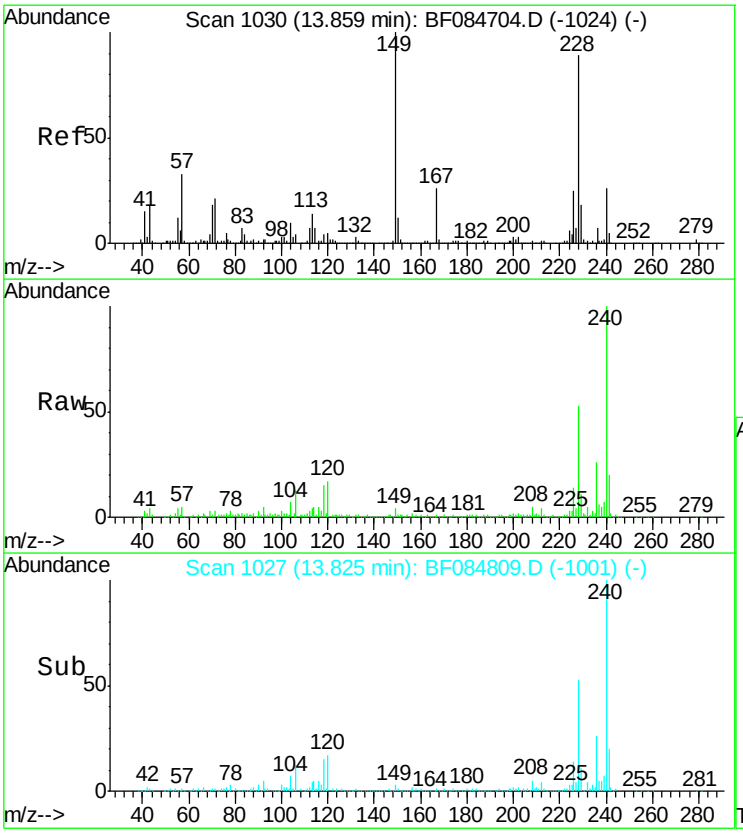
#78
Terphenyl-d14
Concen: 83.81 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:244 Resp: 1734327

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.8	7.4	11.0

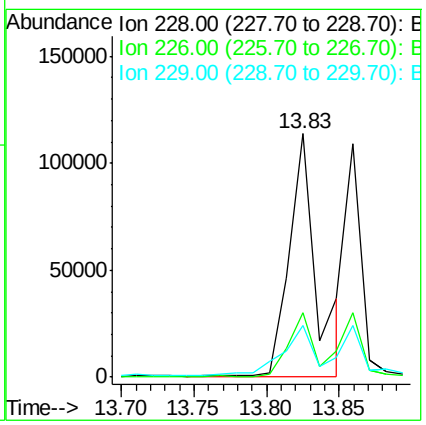


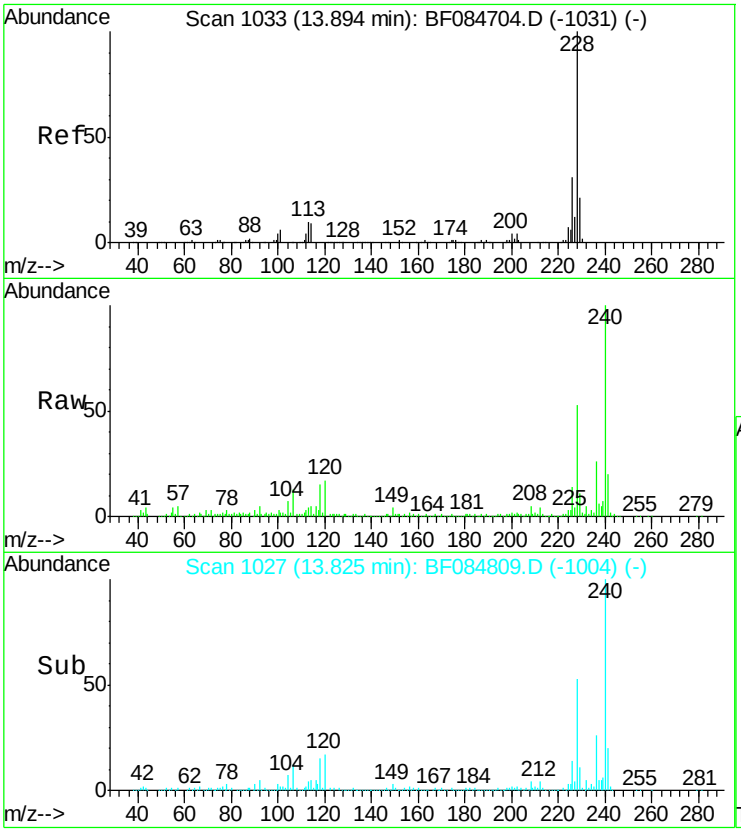


#80
Benzo(a)anthracene
Concen: 5.08 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:228 Resp: 147712

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	21.3	15.8	23.8



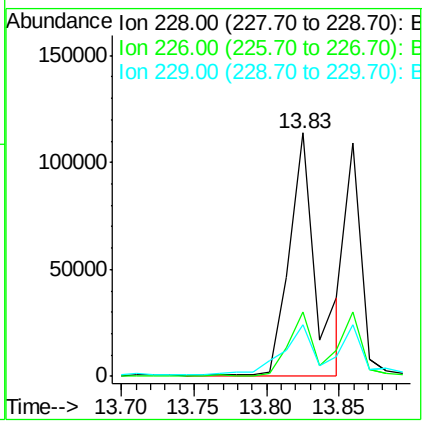


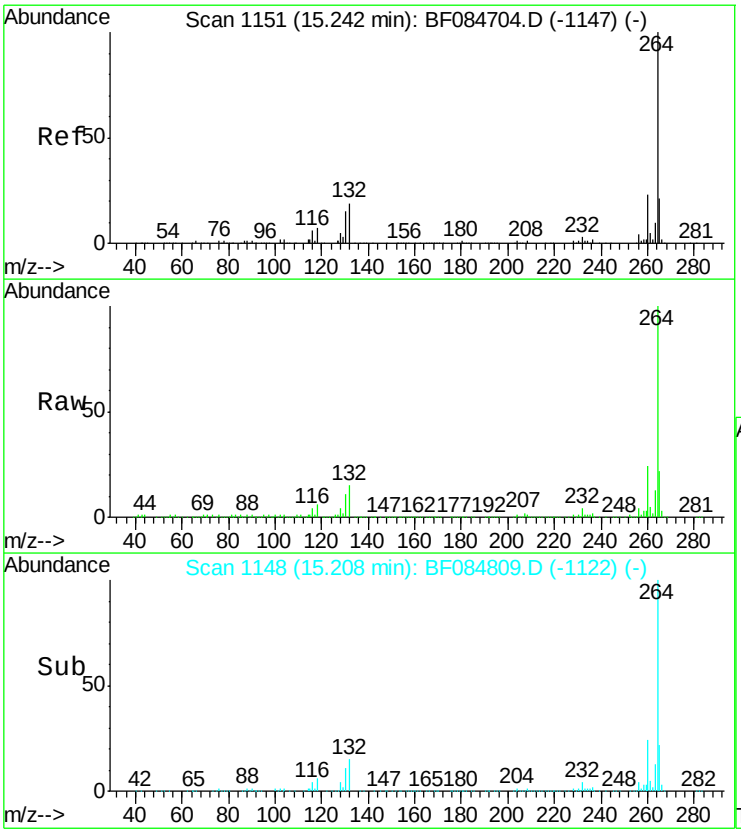
#82
Chrysene
Concen: 5.23 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:228 Resp: 147712

Ion	Ratio	Lower	Upper
228	100		
226	26.6	24.3	36.5
229	21.3	16.1	24.1

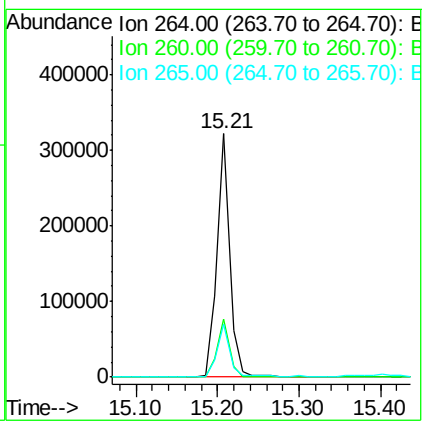


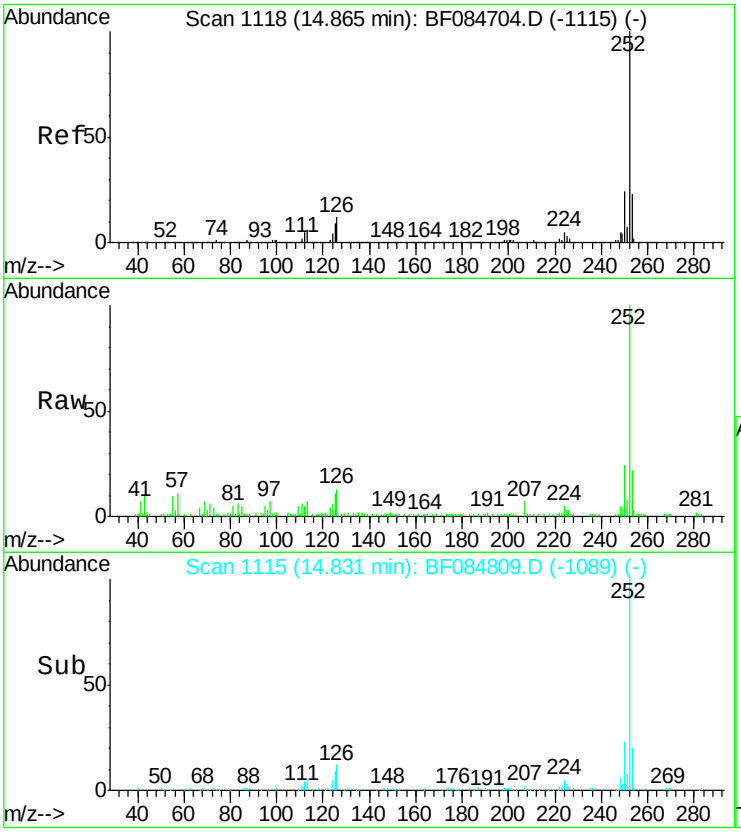


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:264 Resp: 350682

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	17.8	26.6



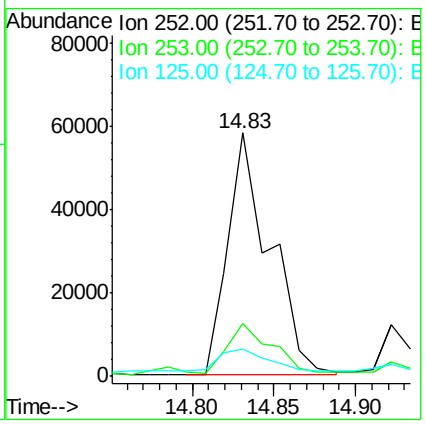


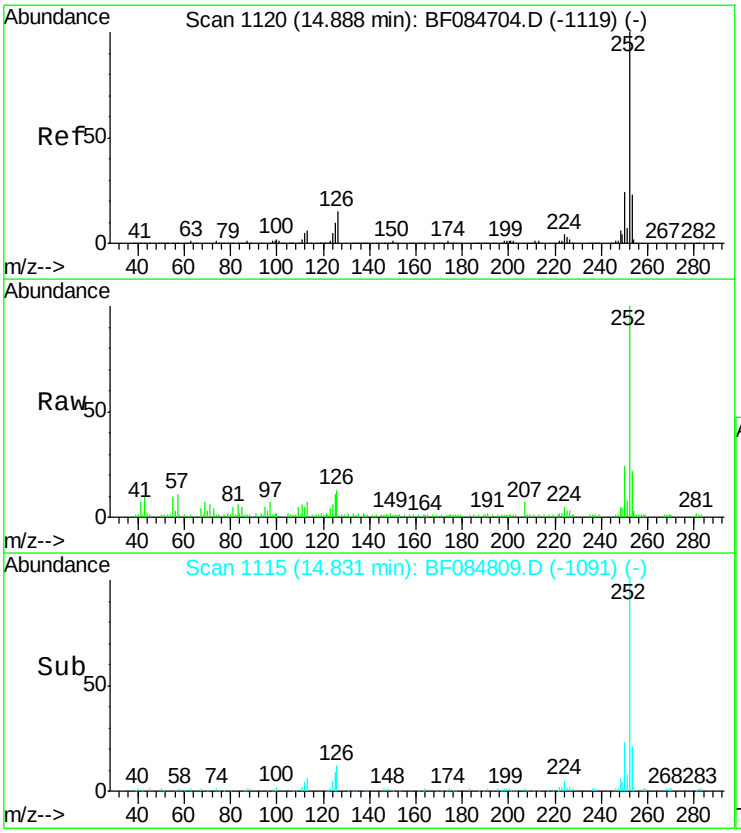
#87
Benzo(b)fluoranthene
Concen: 4.40 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:252 Resp: 103734

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.4	6.5	9.7#

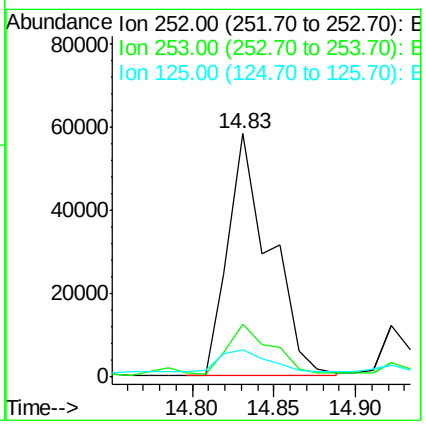


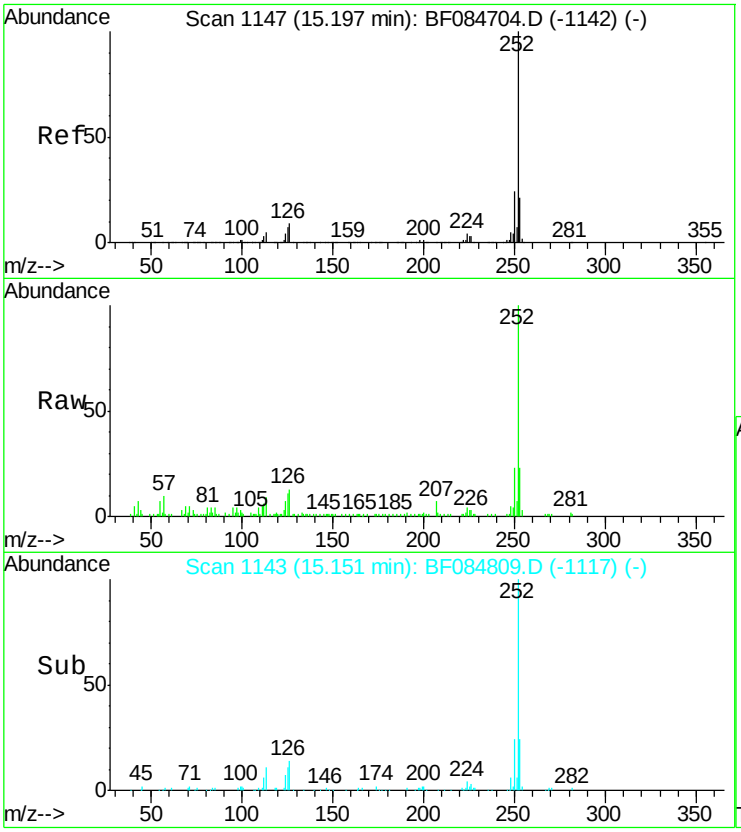


#88
Benzo(k)fluoranthene
Concen: 5.32 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Tgt Ion:252 Resp: 103734

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.4	9.0	13.6





#89
Benzo(a)pyrene
Concen: 3.20 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF084809.D
Acq: 4 Feb 2016 2:44

Instrument :
BNA_F
ClientSampleId :
SUP-B036(20-22)

Tgt Ion:252 Resp: 64269

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	10.5	7.0	10.4#