Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW006

Quant Time: Feb 01 00:31:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175016	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	624160	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	245769	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	412254	20.00	ng		0.00
75) Chrysene-d12	13.87	240	380391	20.00	ng		0.00
86) Perylene-d12	15.27	264	414111	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	934581	80.61	ng		0.01
7) Phenol-d6	6.37	99	1088781	78.35	ng		0.00
23) Nitrobenzene-d5	7.29	82	724307	64.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	222120	86.23	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1112607	67.29	ng		0.00
78) Terphenyl-d14	12.83	244	729171	43.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	23318	2.90	ng		83
19) n-Nitroso-di-n-propylamine	7.29	70	94825	11.17	ng	#	68
25) Isophorone	7.29	82	684708	32.72	ng	#	66
49) Dimethylphthalate	9.48	163	179372	9.72	ng	#	89
51) Acenaphthene	9.79	154	40059	2.40	ng		94
54) Dibenzofuran	9.96	168	45323	2.28	ng		98
55) 4-Nitrophenol	9.96	139	17524	5.63	ng	#	14
56) 2,4-Dinitrotoluene	9.76	165	32359	6.14	ng	#	22
57) Fluorene	10.30	166	44893	2.66	ng		95
66) 4-Bromophenyl-phenylether	10.54	248	13849	2.98	ng	#	1
70) Phenanthrene	11.26	178	544436	23.88	ng		99
71) Anthracene	11.31	178	116029	5.01	ng		98
72) Carbazole	11.47	167	44324	2.22	ng		99
74) Fluoranthene	12.45	202	559705	24.83	ng		93
77) Pyrene	12.68	202	494550	17.24	ng		98
80) Benzo(a)anthracene	13.86	228	290150	12.24	ng		99
82) Chrysene	13.86	228	290150	12.41	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	82533	5.19	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	114477	5.54	ng		96
87) Benzo(b)fluoranthene	14.88	252	382366	14.26	ng	#	95
88) Benzo(k)fluoranthene	14.88	252	382366	17.26	ng		99
89) Benzo(a)pyrene	15.21	252	205555	8.86	ng		99
91) Benzo(g,h,i)perylene	16.97	276	103600	4.91	ng		95

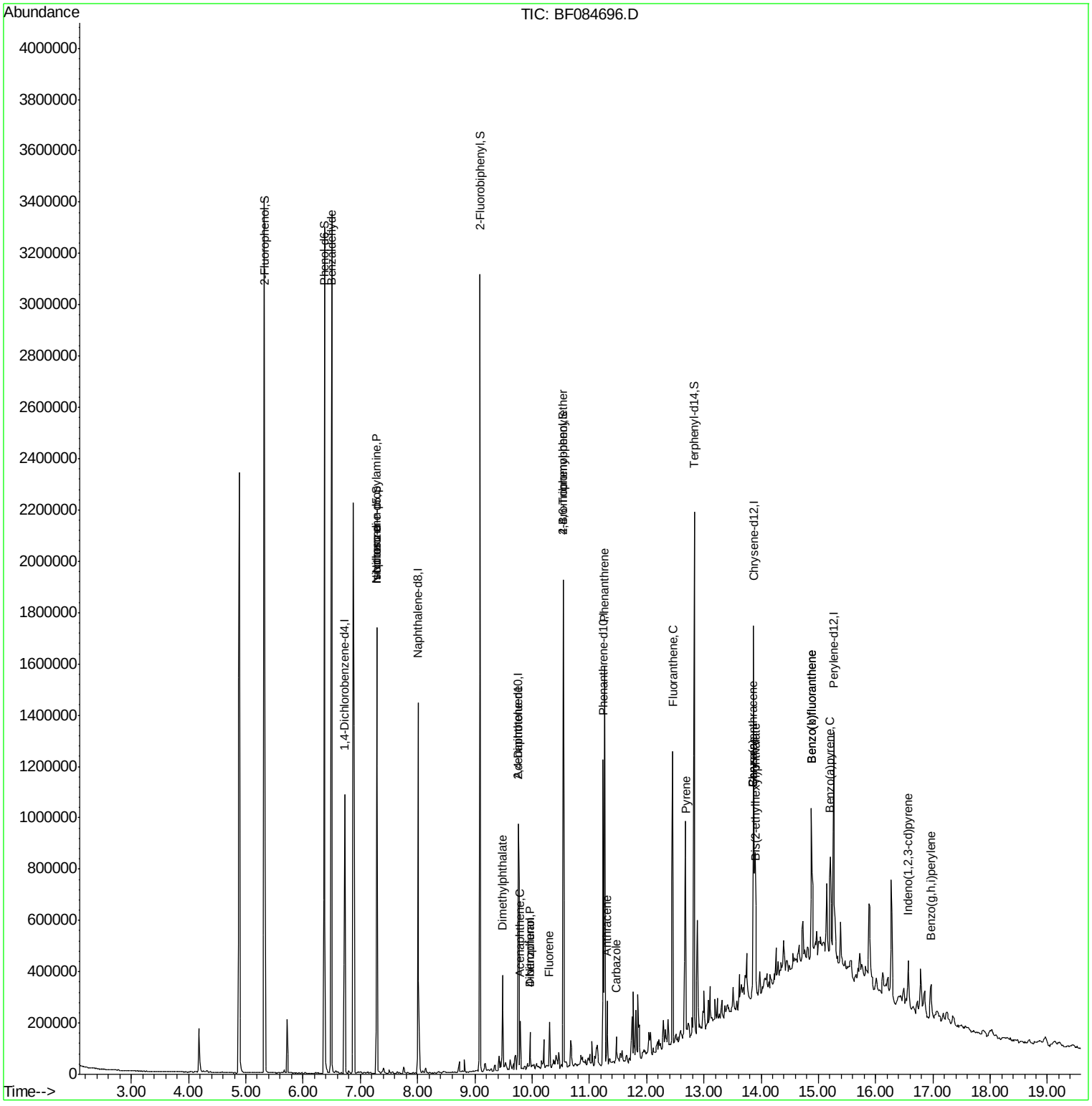
(#) = qualifier out of range (m) = manual integration (+) = signals summed

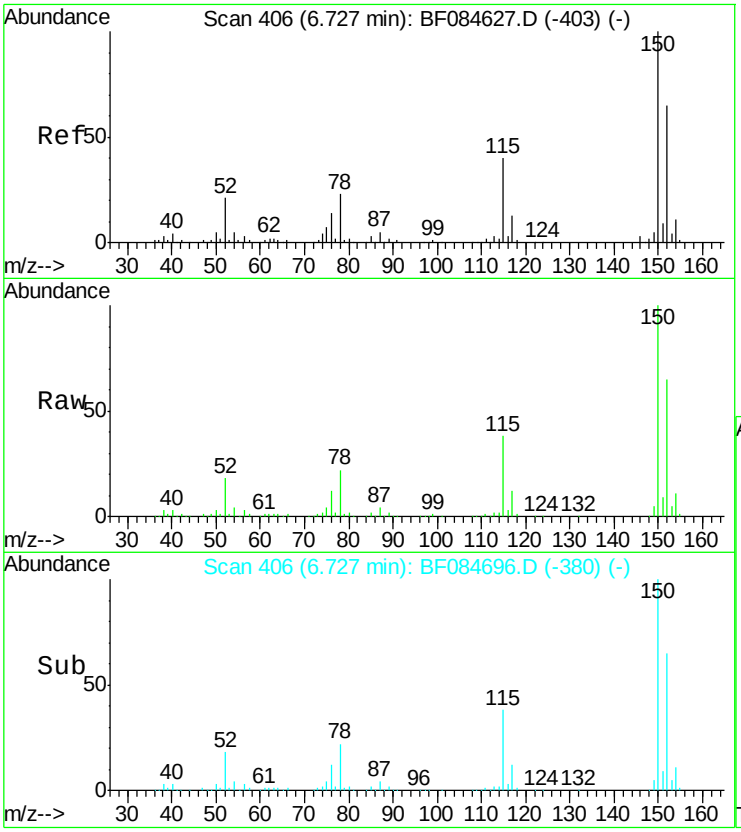
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW006

Quant Time: Feb 01 00:31:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration



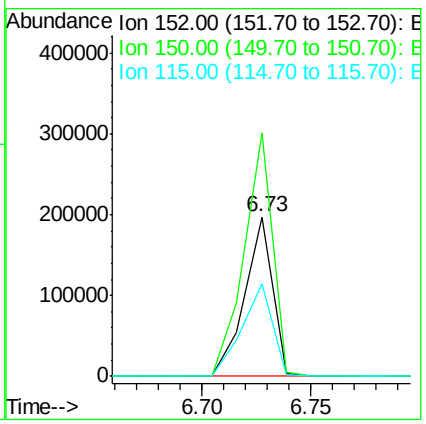


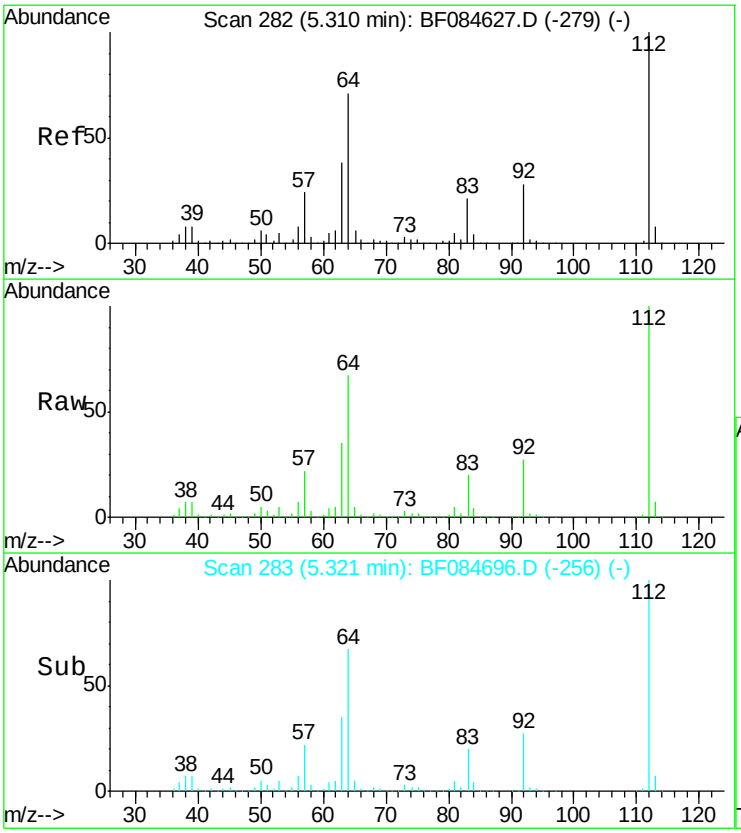
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:152 Resp: 175016

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.4
115	57.8	51.4	77.2

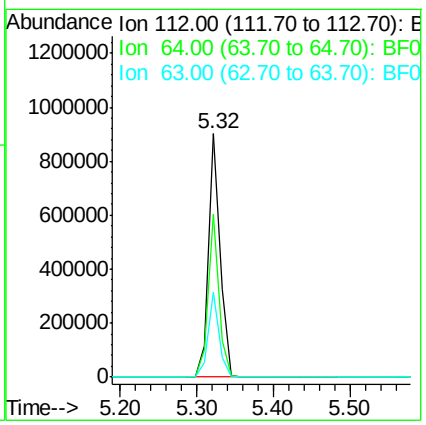


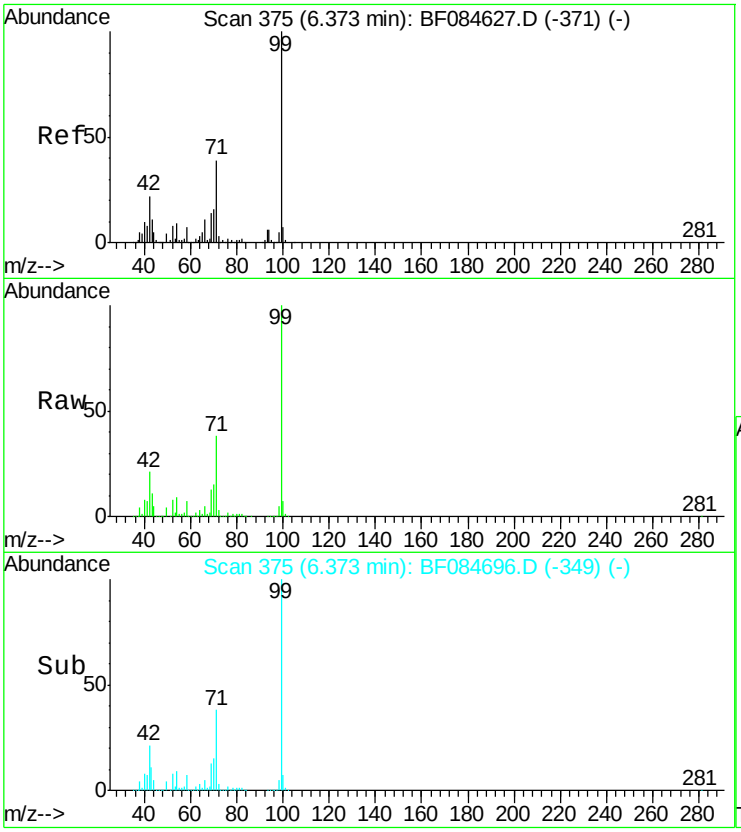


#5
2-Fluorophenol
Concen: 80.61 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:112 Resp: 934581

Ion	Ratio	Lower	Upper
112	100		
64	67.2	36.6	55.0#
63	34.7	19.4	29.0#



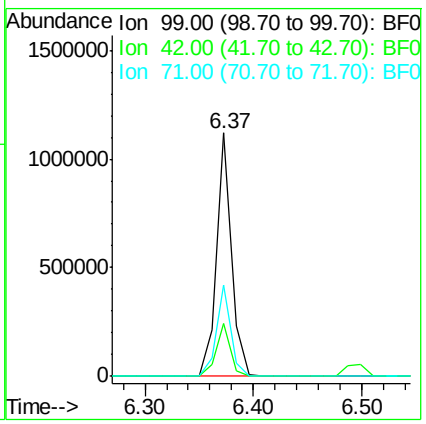


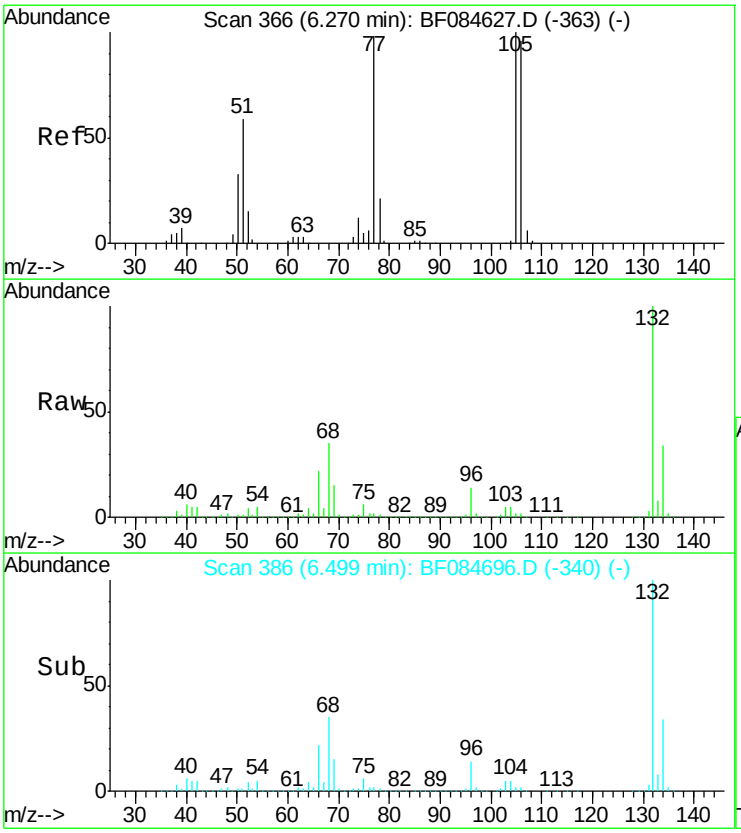
#7
Phenol-d6
Concen: 78.35 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 99 Resp: 1088781

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	37.7	30.9	46.3

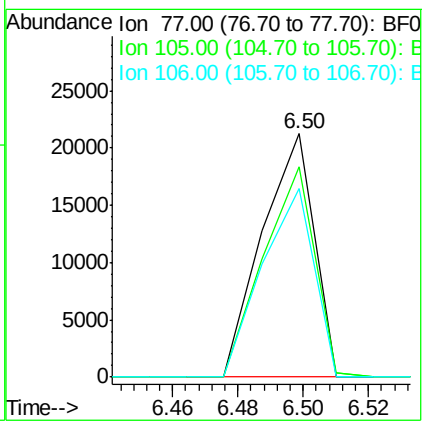


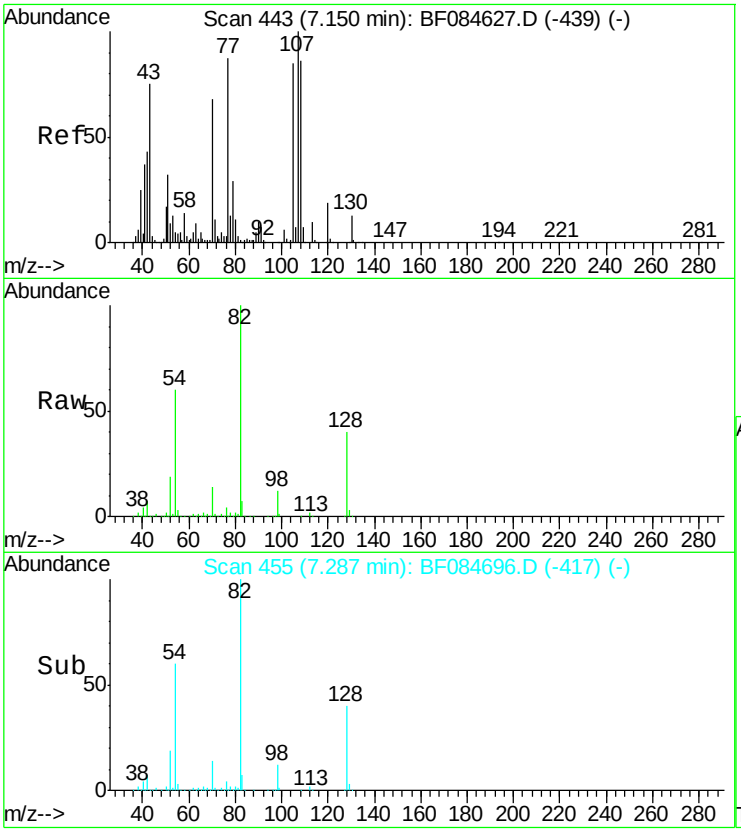


#9
Benzaldehyde
Concen: 2.90 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.23 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion: 77 Resp: 23318

Ion	Ratio	Lower	Upper
77	100		
105	86.3	83.0	123.0
106	77.6	74.6	114.6



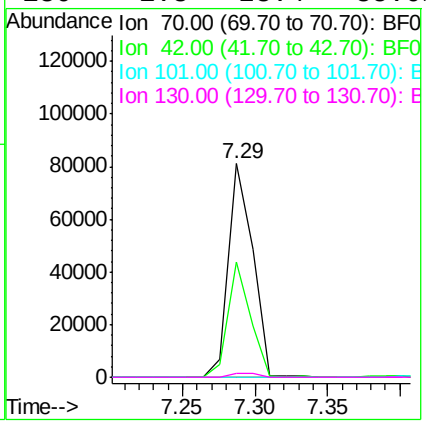


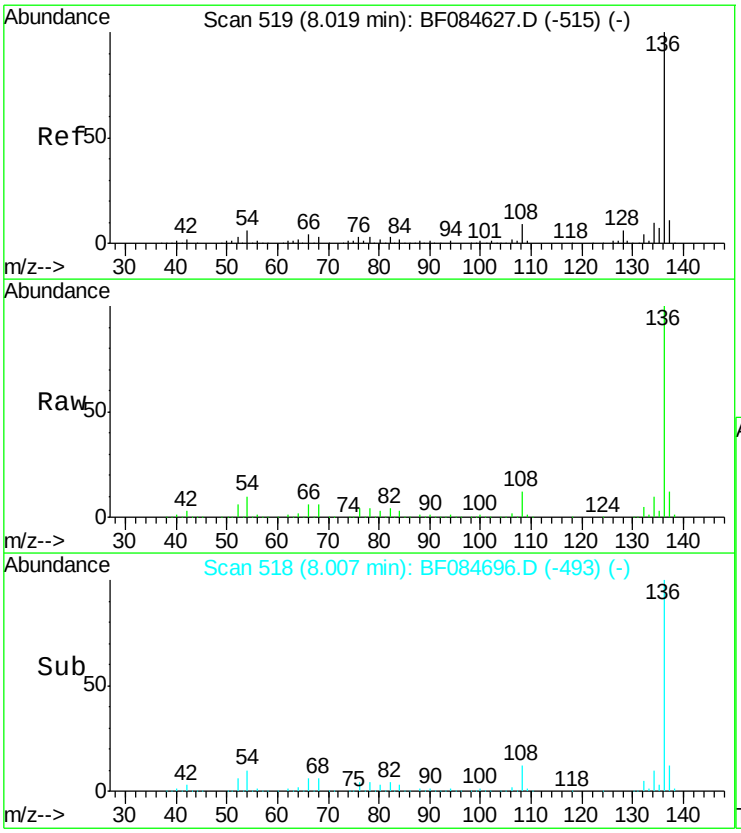
#19
n-Nitroso-di-n-propylamine
Concen: 11.17 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 70 Resp: 94825

Ion	Ratio	Lower	Upper
70	100		
42	53.7	33.3	49.9#
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#

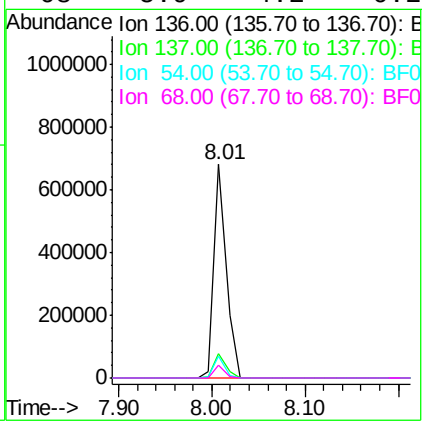


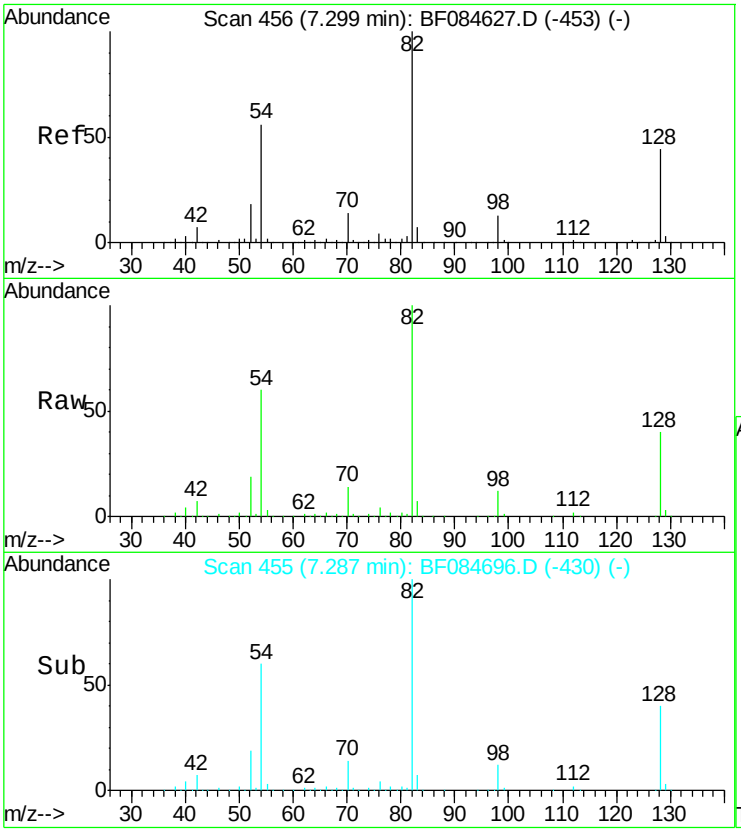


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:136 Resp: 624160

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.3	5.8	8.8#
68	5.9	4.2	6.2



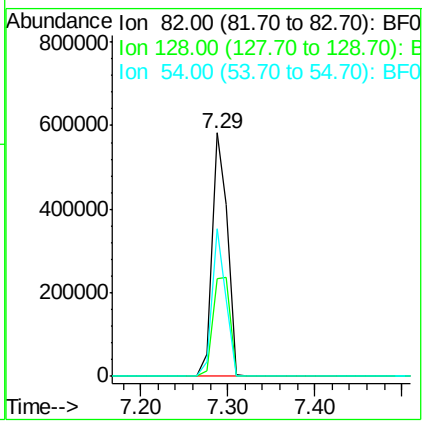


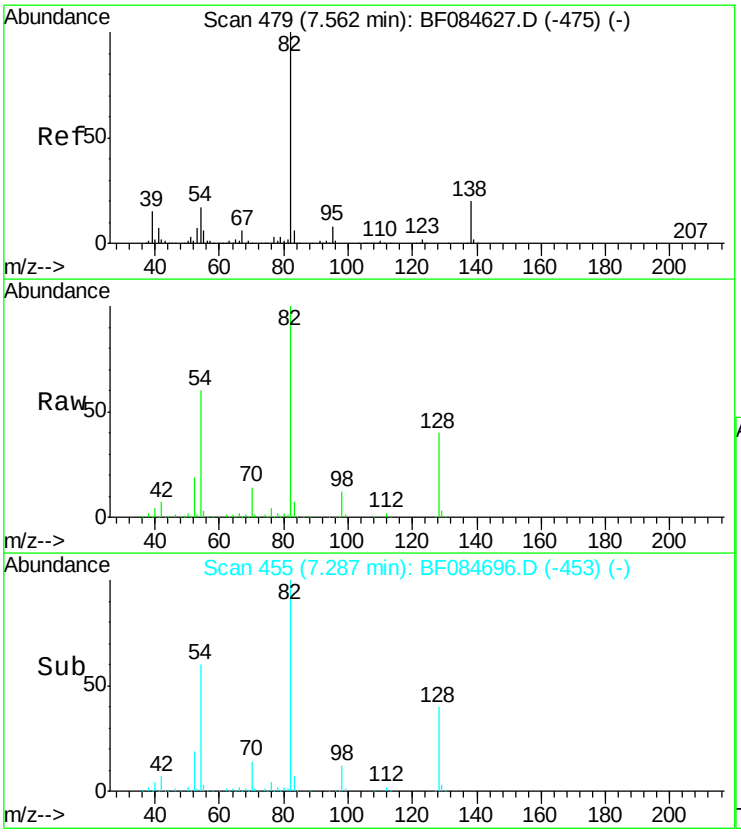
#23
Nitrobenzene-d5
Concen: 64.85 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 82 Resp: 724307

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	60.4	38.4	57.6#

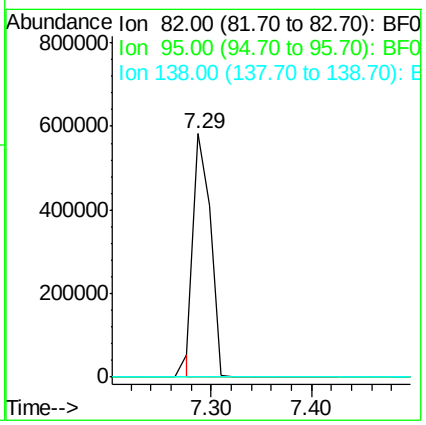


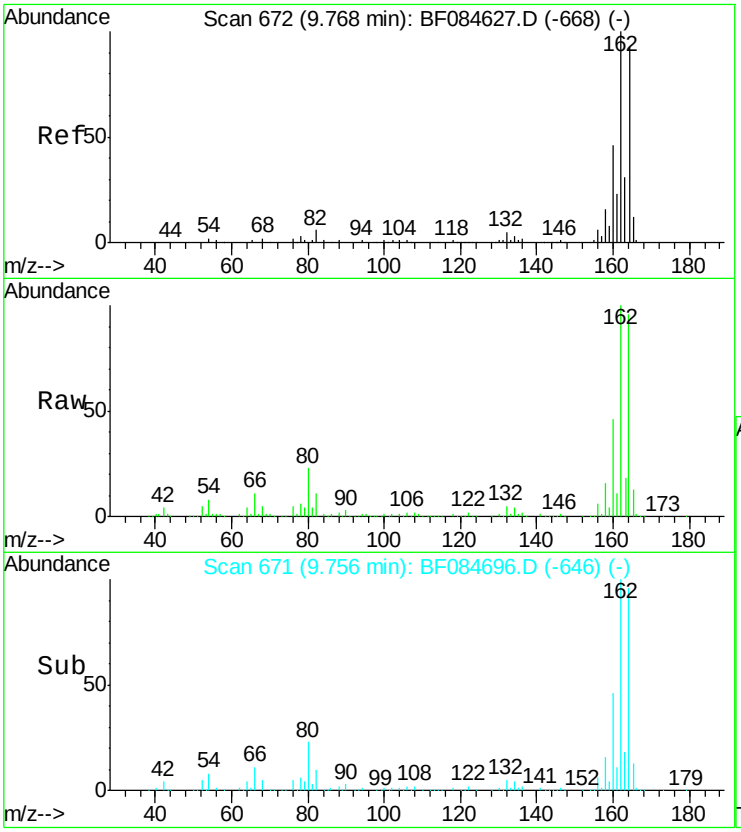


#25
Isophorone
Concen: 32.72 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion: 82 Resp: 684708

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



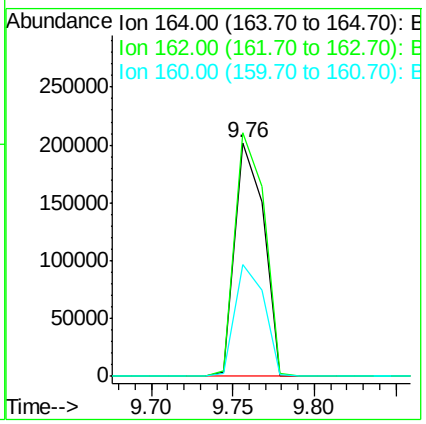


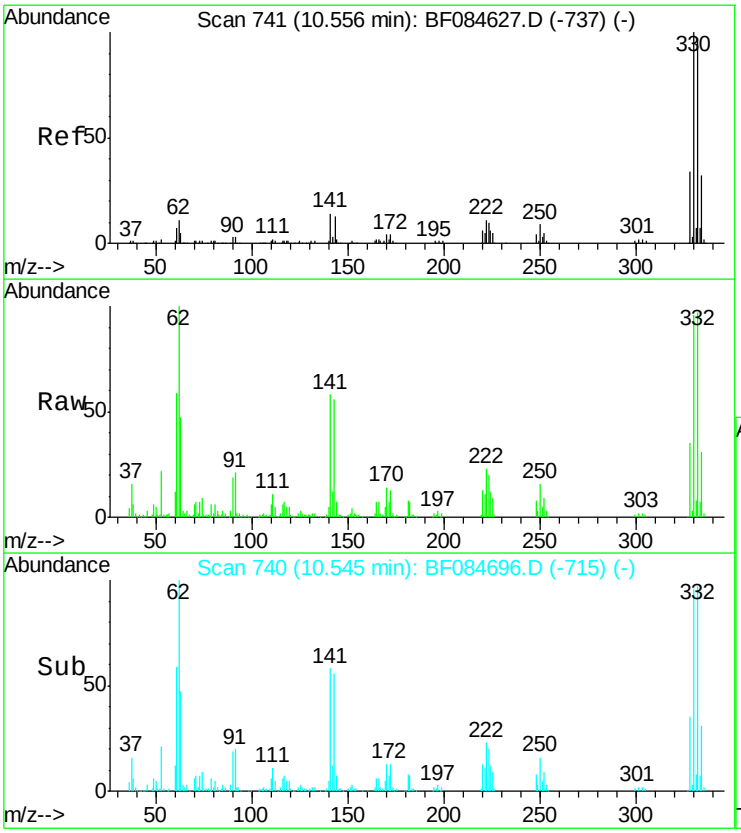
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:164 Resp: 245769

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	47.9	37.5	56.3

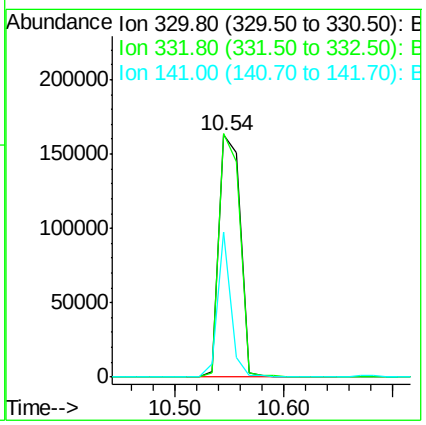


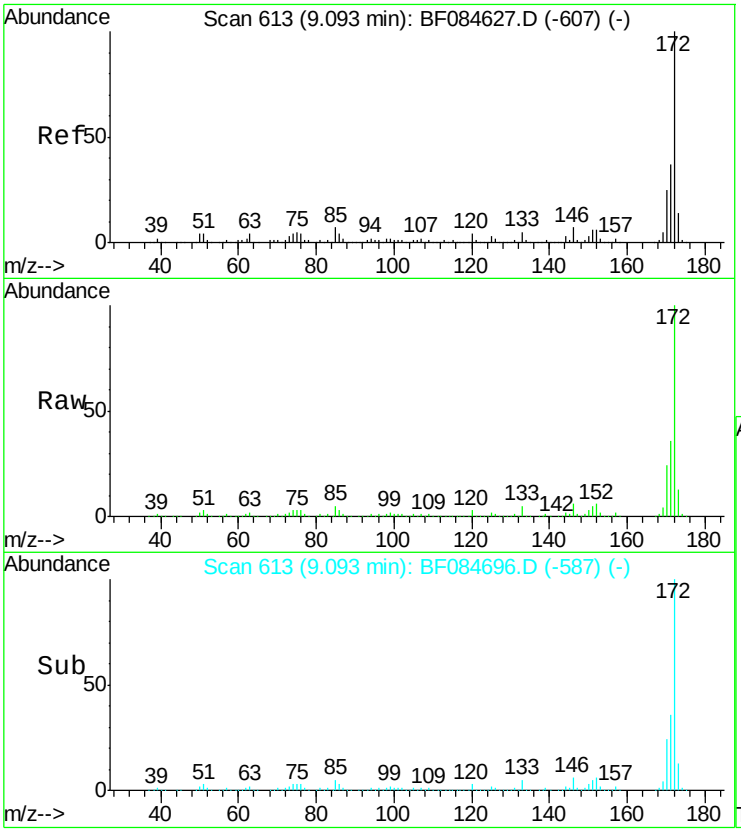


#41
2,4,6-Tribromophenol
Concen: 86.23 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:330 Resp: 222120

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	38.1	27.8	41.6



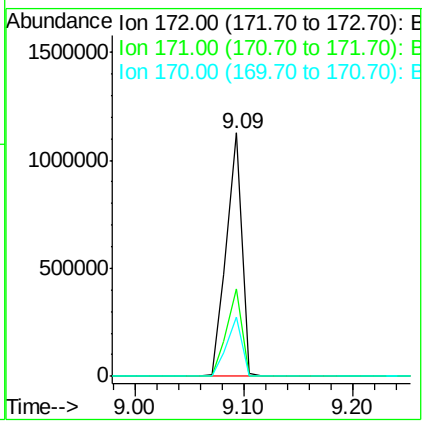


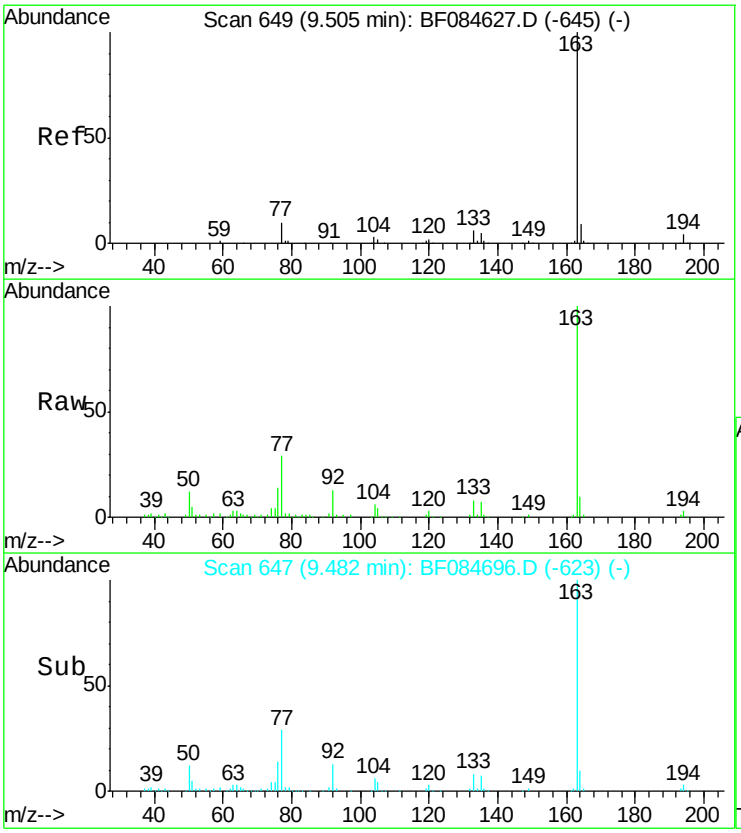
#44
2-Fluorobiphenyl
Concen: 67.29 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:172 Resp: 1112607

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	18.6	27.8

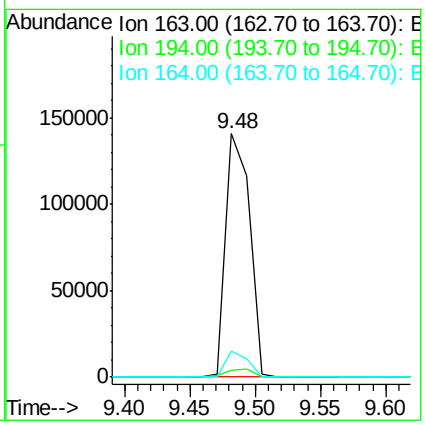


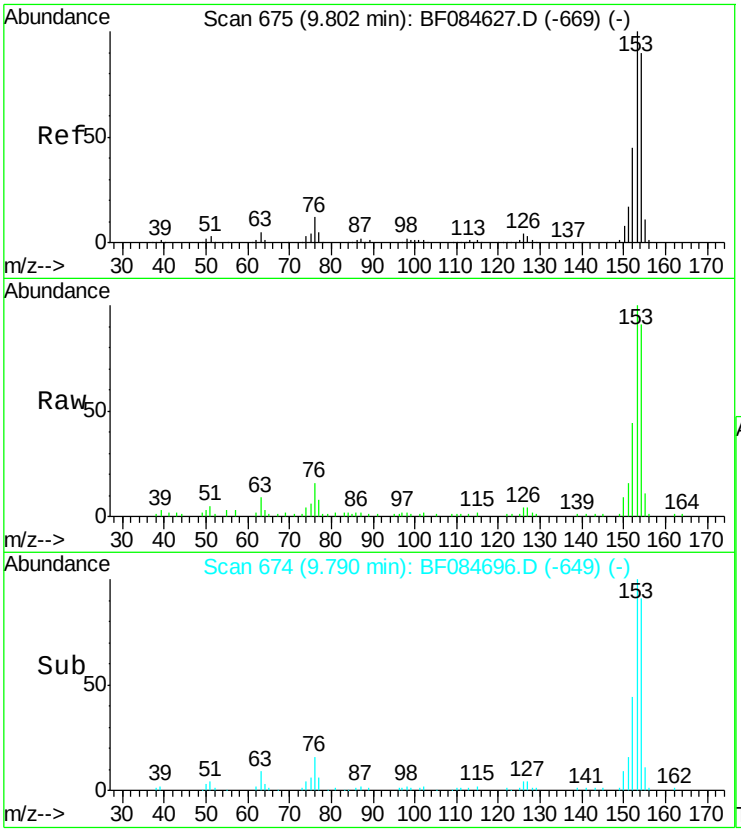


#49
Dimethylphthalate
Concen: 9.72 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:163 Resp: 179372

Ion	Ratio	Lower	Upper
163	100		
194	2.7	8.0	12.0#
164	10.5	8.0	12.0



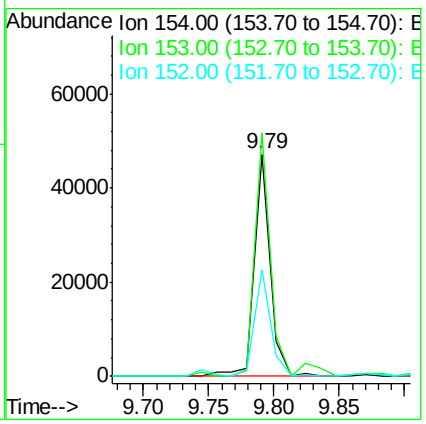


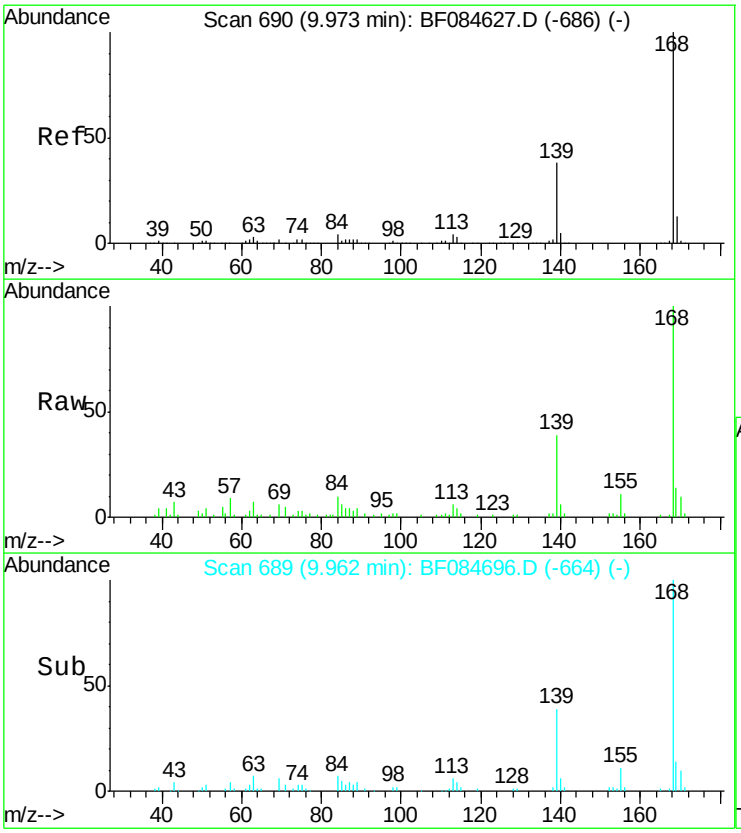
#51
Acenaphthene
Concen: 2.40 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:154 Resp: 40059

Ion	Ratio	Lower	Upper
154	100		
153	109.5	91.5	137.3
152	48.0	43.0	64.6

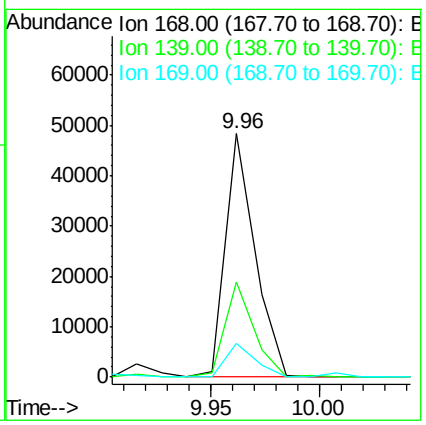


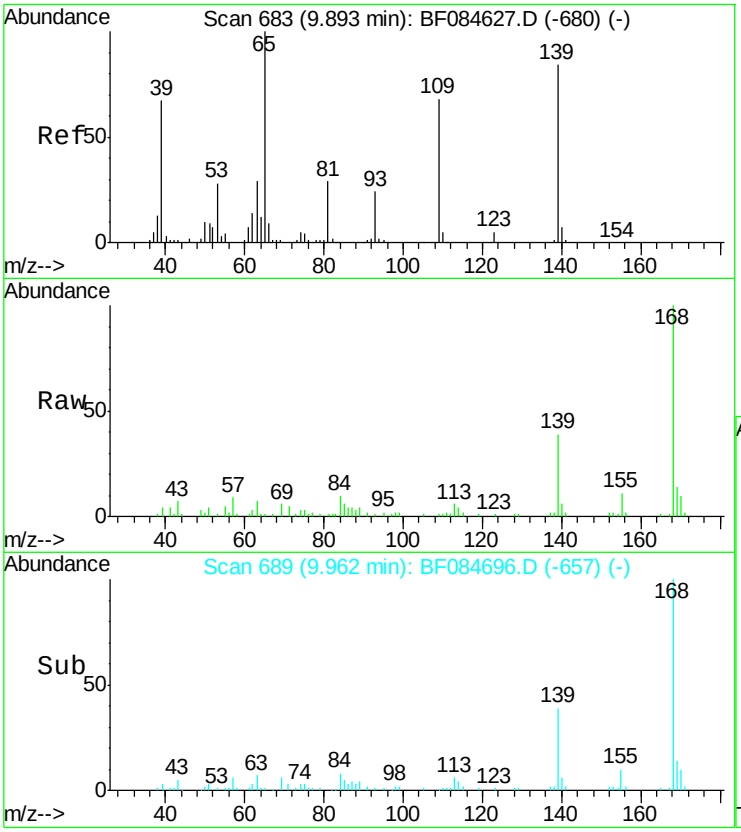


#54
Dibenzofuran
Concen: 2.28 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:168 Resp: 45323

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.5	45.7
169	14.0	10.4	15.6



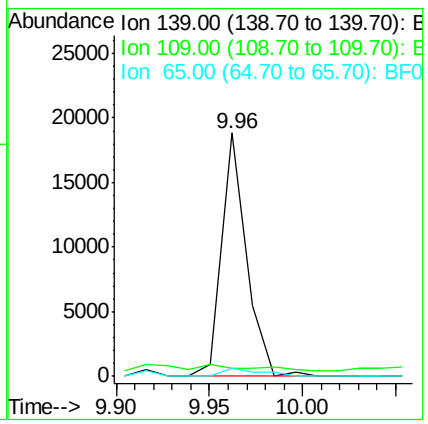


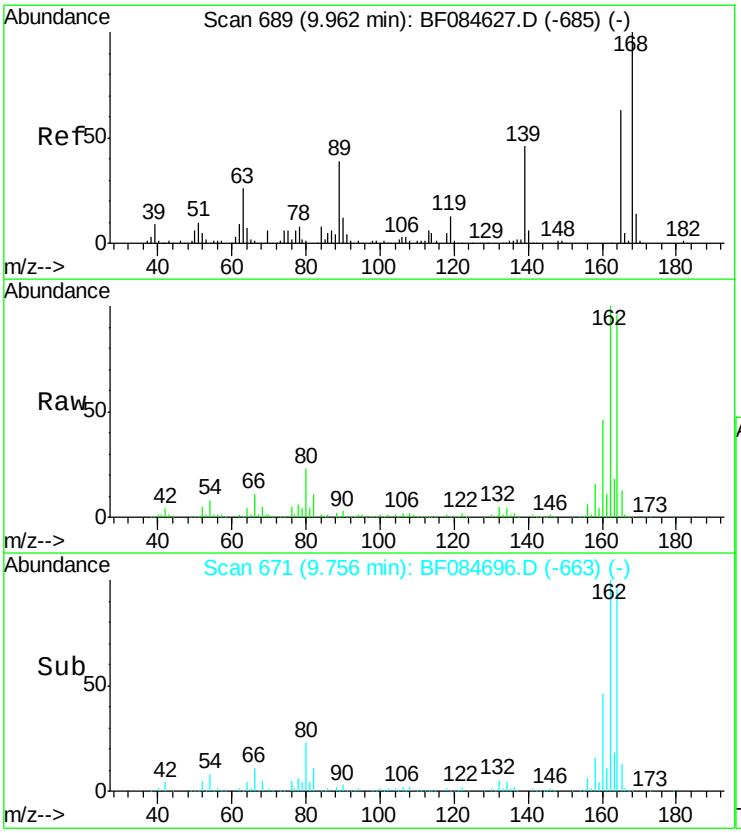
#55
4-Nitrophenol
Concen: 5.63 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.07 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:139 Resp: 17524

Ion	Ratio	Lower	Upper
139	100		
109	3.4	58.5	98.5#
65	3.1	57.6	97.6#

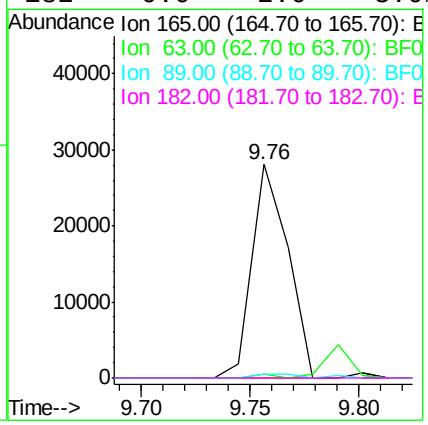


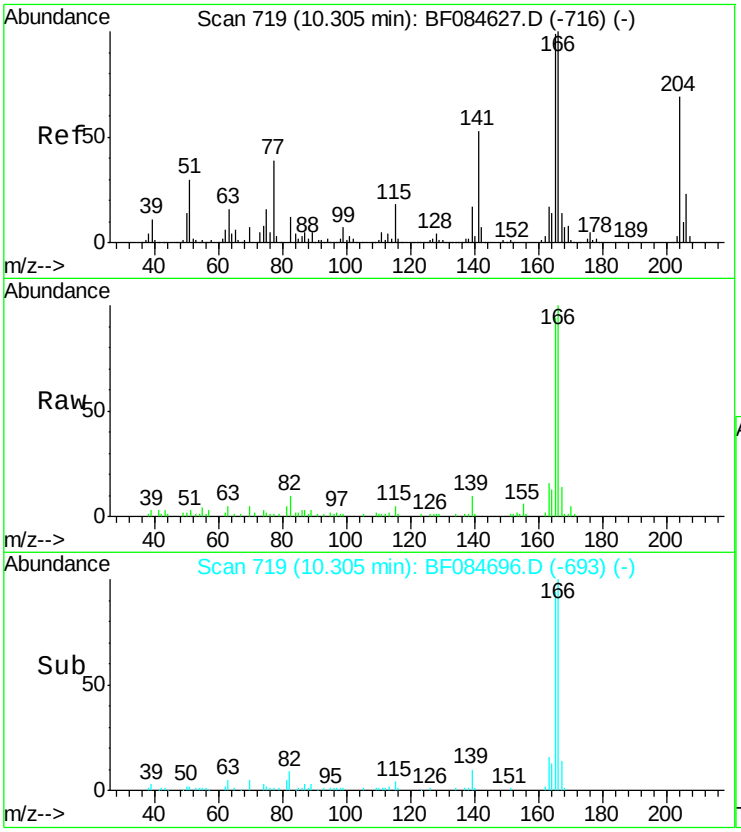


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:165 Resp: 32359

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	2.0	61.9	92.9#
182	0.0	2.0	3.0#



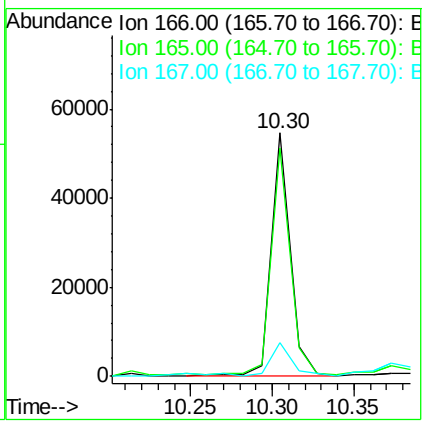


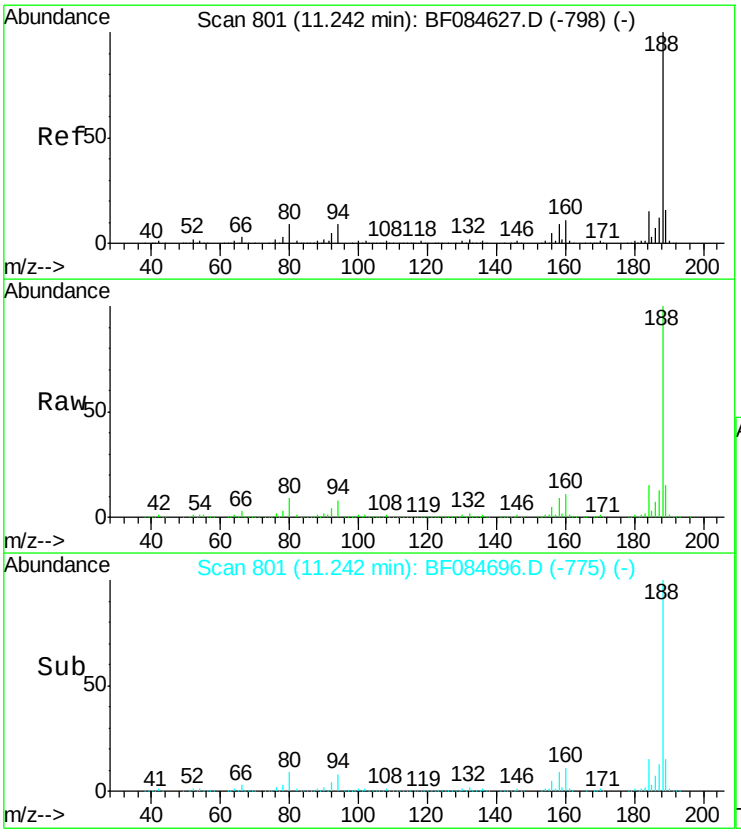
#57
Fluorene
Concen: 2.66 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:166 Resp: 44893

Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.1	118.7
167	13.7	10.4	15.6

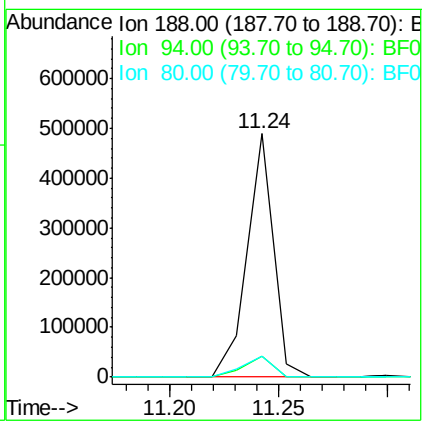


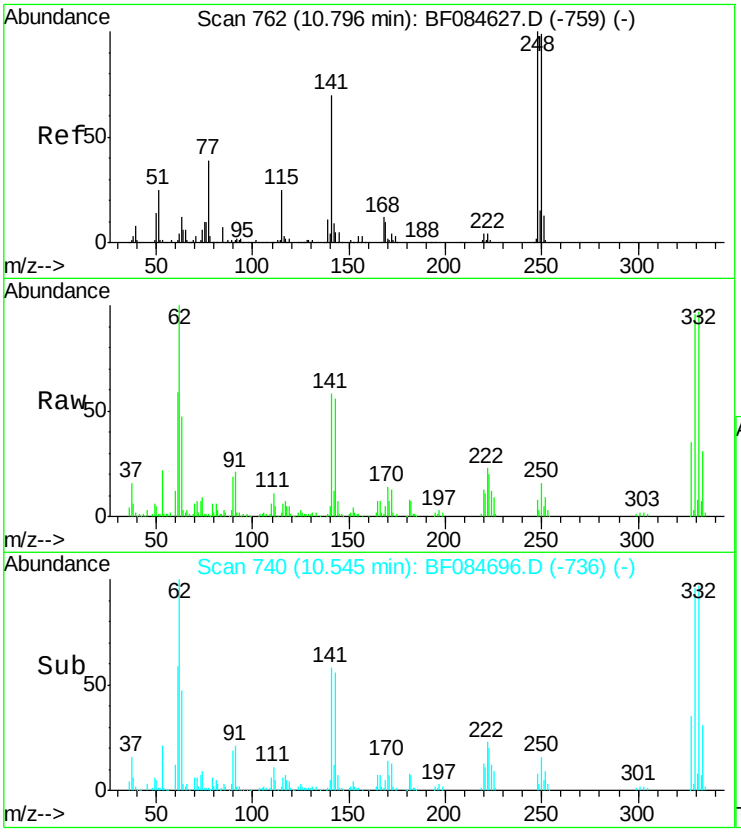


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:188 Resp: 412254

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.5	9.6	14.4#



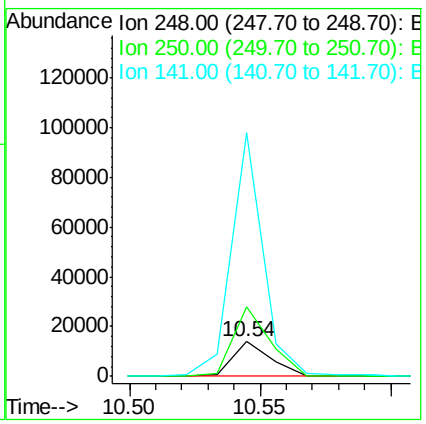


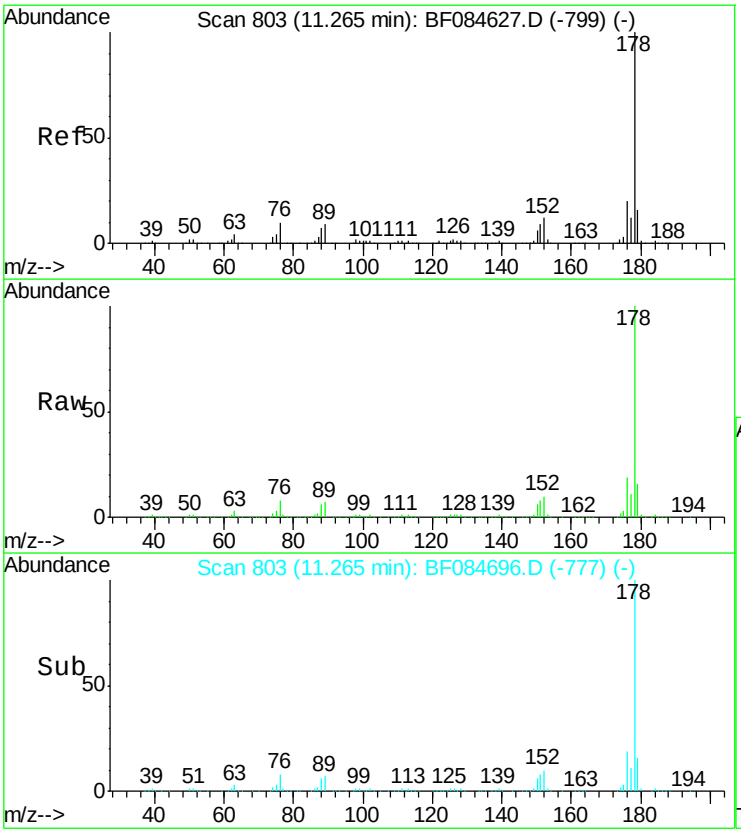
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:248 Resp: 13849

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.4	117.6#
141	702.0	44.0	66.0#

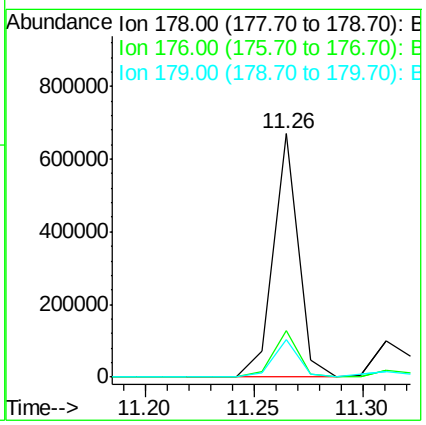


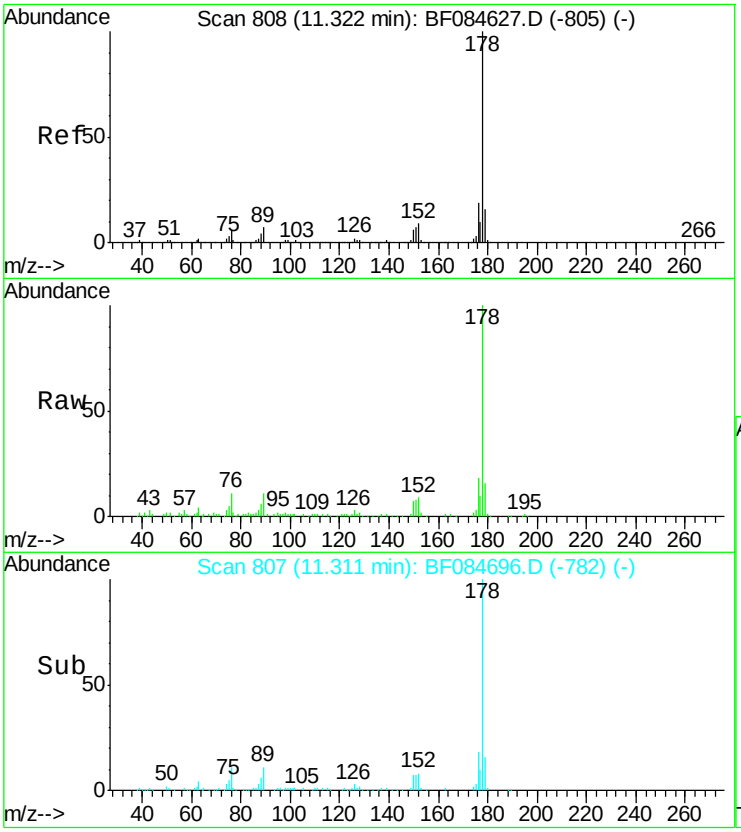


#70
Phenanthrene
Concen: 23.88 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:178 Resp: 544436

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.0	18.0



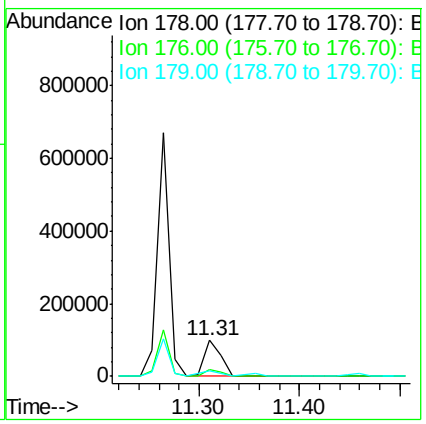


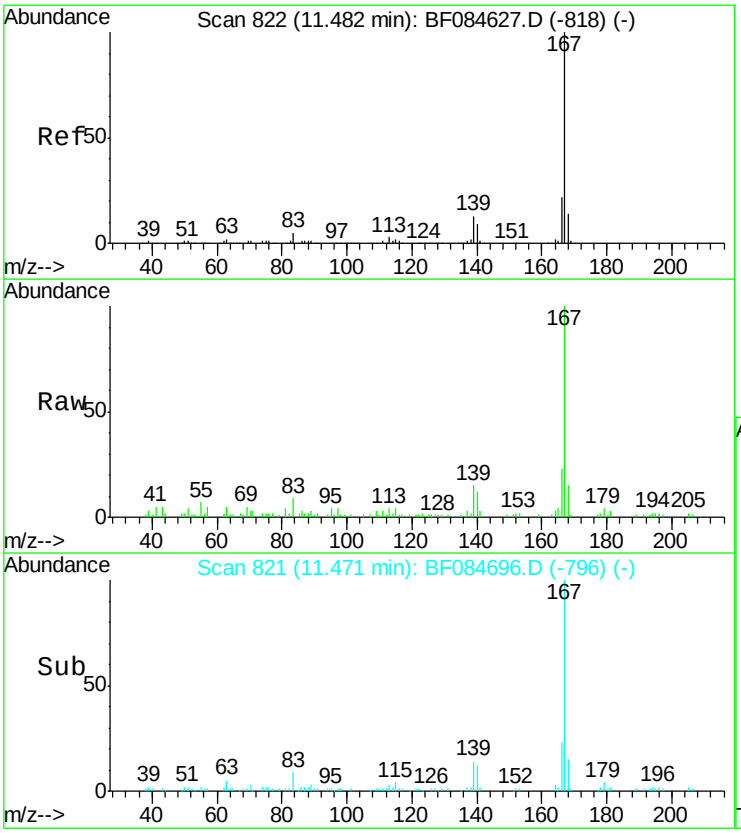
#71
Anthracene
Concen: 5.01 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:178 Resp: 116029

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	16.2	12.5	18.7

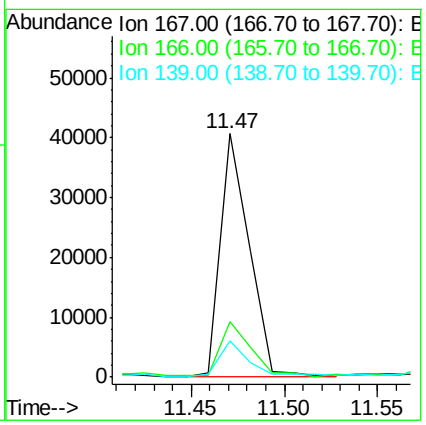


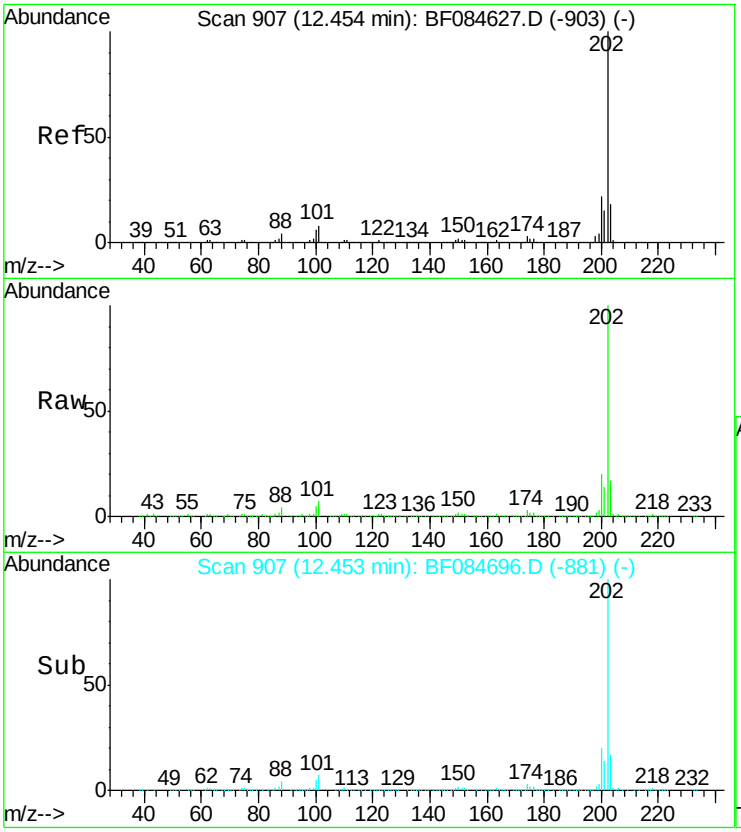


#72
Carbazole
Concen: 2.22 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:167 Resp: 44324

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.9	11.8	17.8



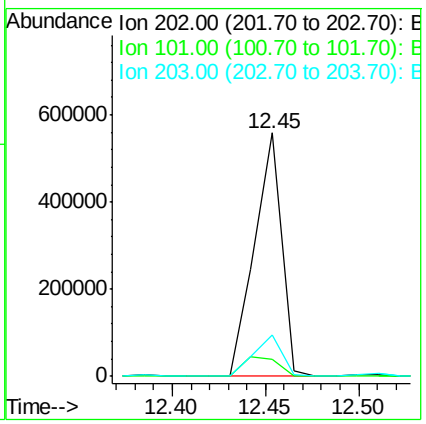


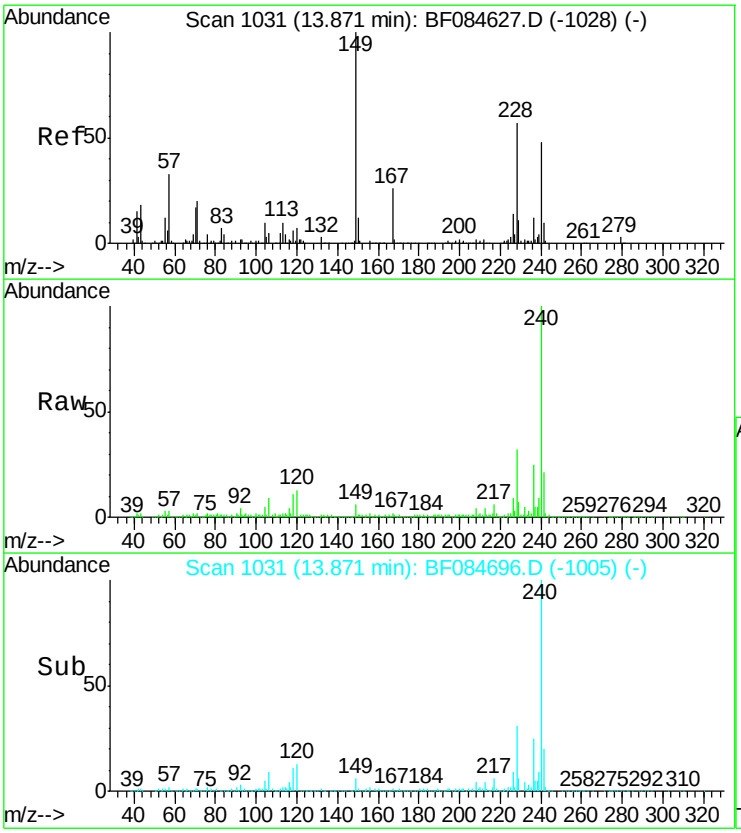
#74
Fluoranthene
Concen: 24.83 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:202 Resp: 559705

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	32.8
203	17.0	0.0	37.9

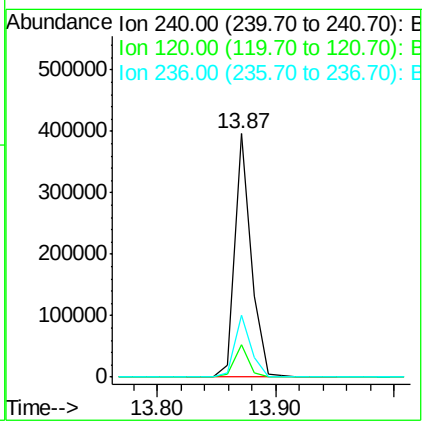


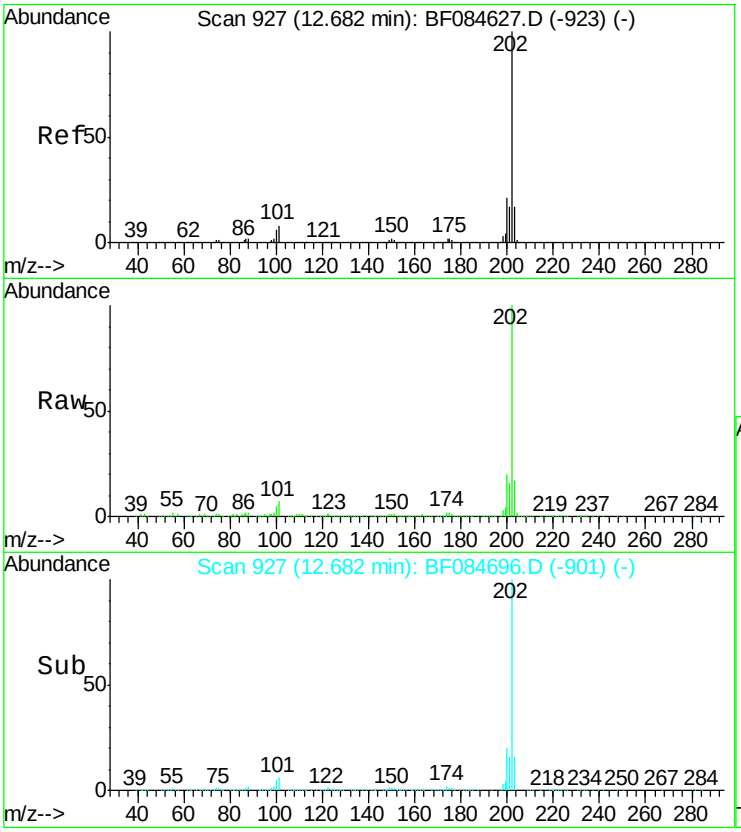


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:240 Resp: 380391

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.3	20.6	31.0



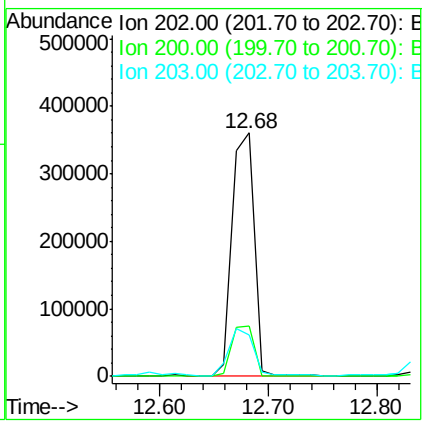


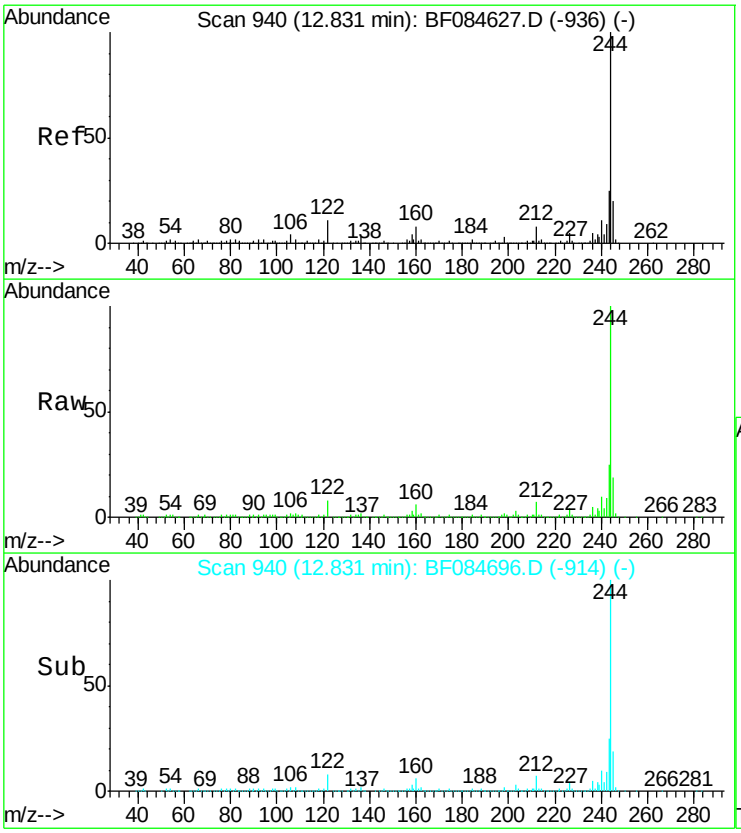
#77
Pyrene
Concen: 17.24 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:202 Resp: 494550

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.0	14.3	21.5

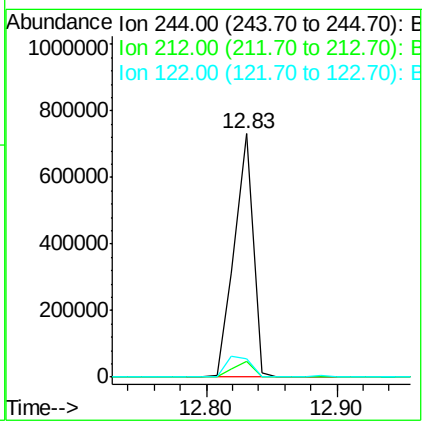


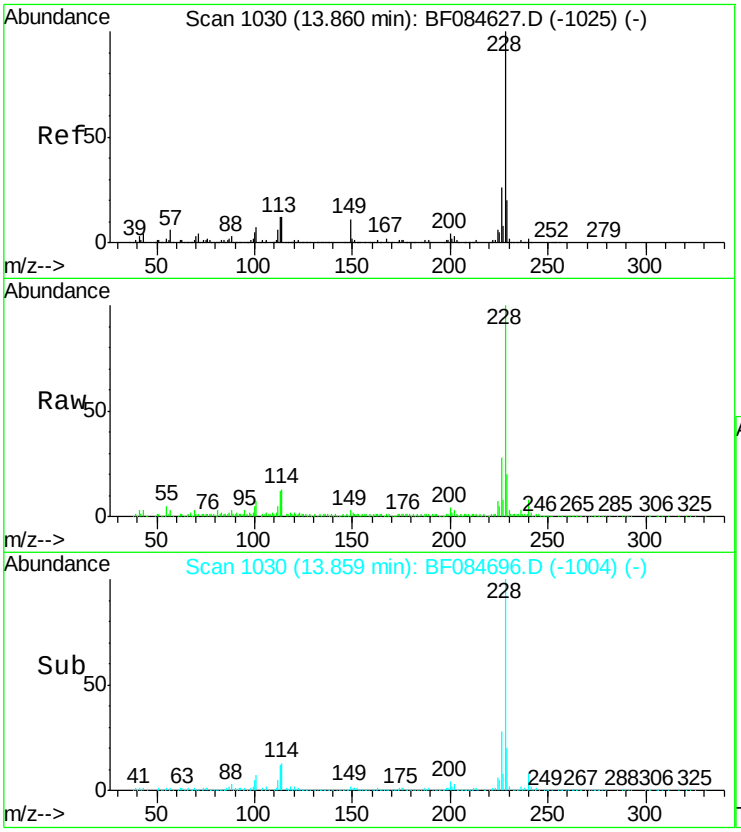


#78
Terphenyl-d14
Concen: 43.29 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:244 Resp: 729171

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.6	7.4	11.0



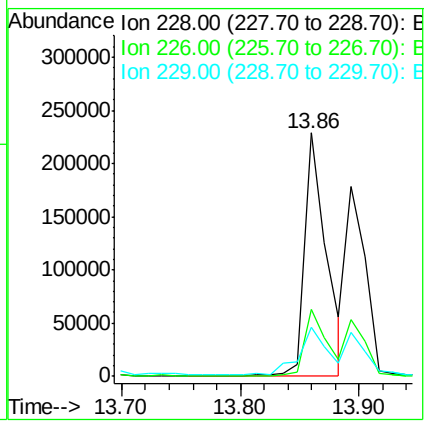


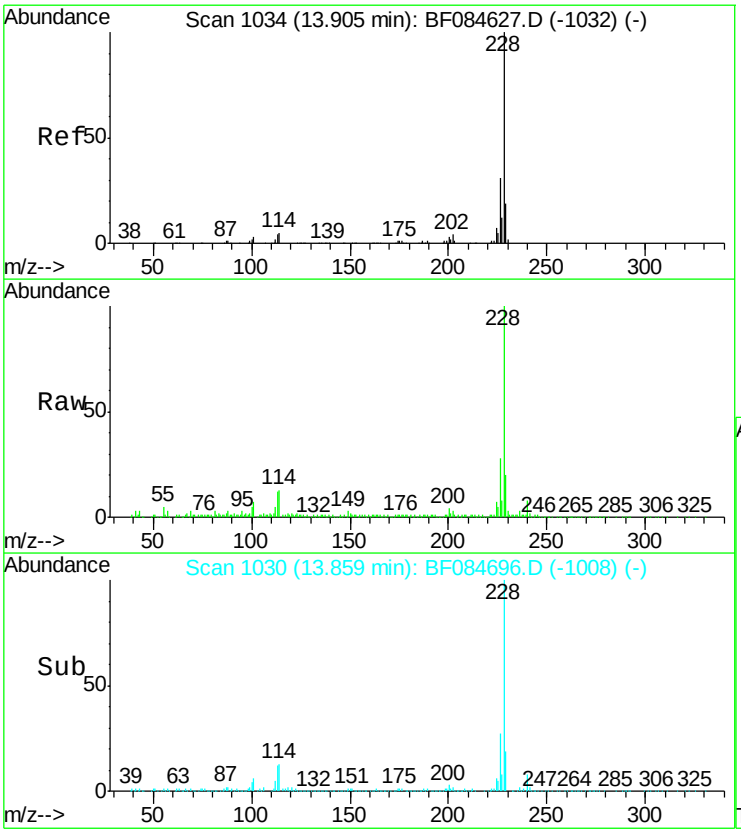
#80
Benzo(a)anthracene
Concen: 12.24 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:228 Resp: 290150

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.1	15.8	23.8

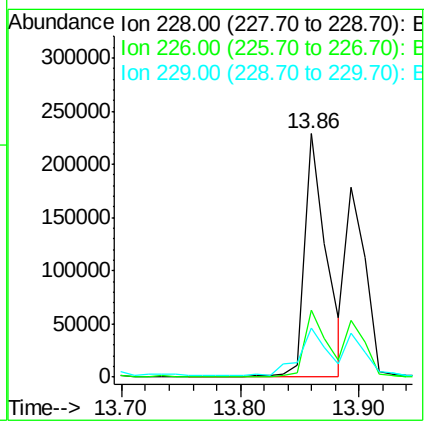


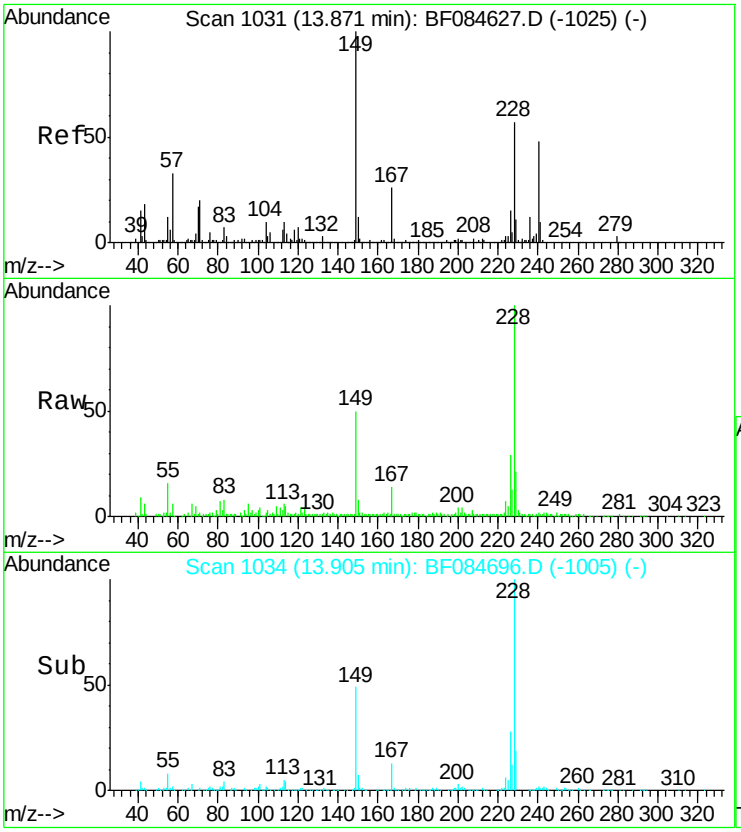


#82
Chrysene
Concen: 12.41 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:228 Resp: 290150

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.3	36.5
229	20.1	16.1	24.1



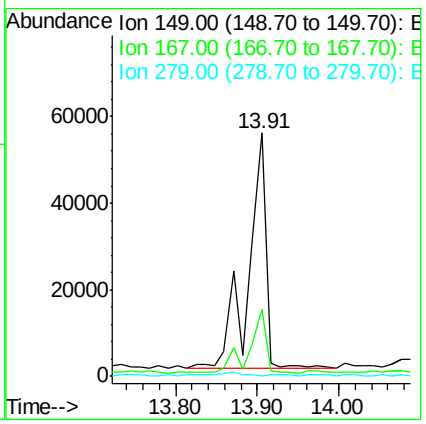


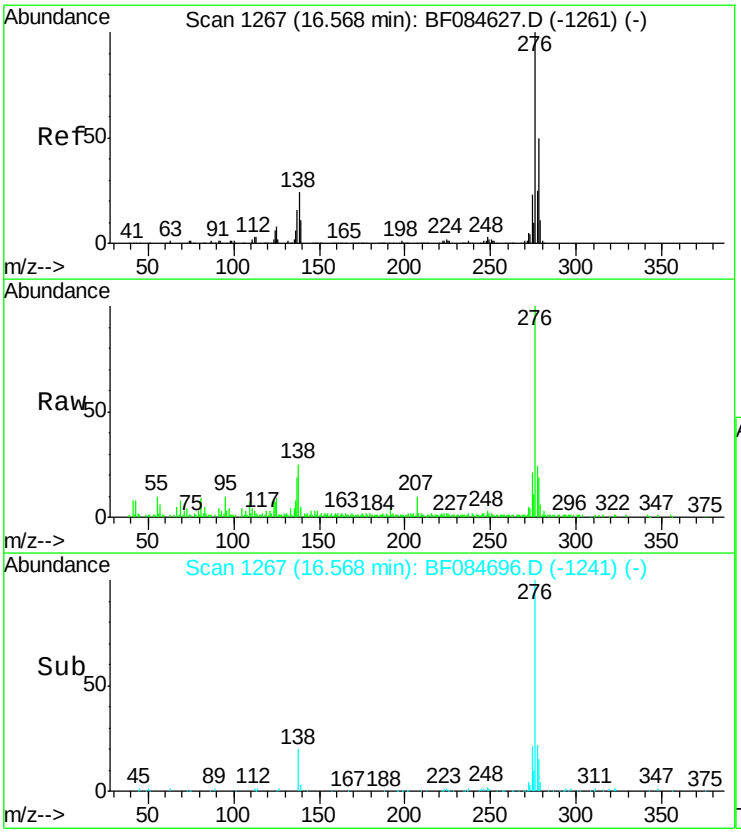
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.19 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.03 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:149 Resp: 82533

Ion	Ratio	Lower	Upper
149	100		
167	27.4	19.7	29.5
279	0.0	1.8	2.6#

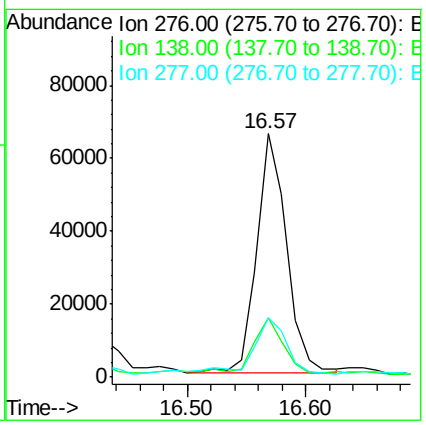


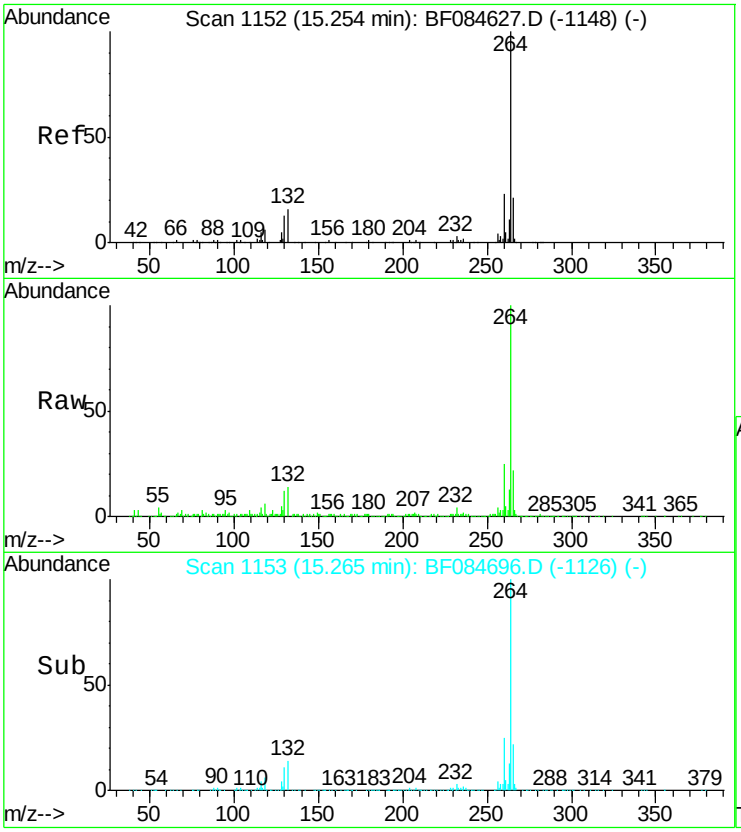


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.54 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:276 Resp: 114477

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	28.2	20.1	30.1



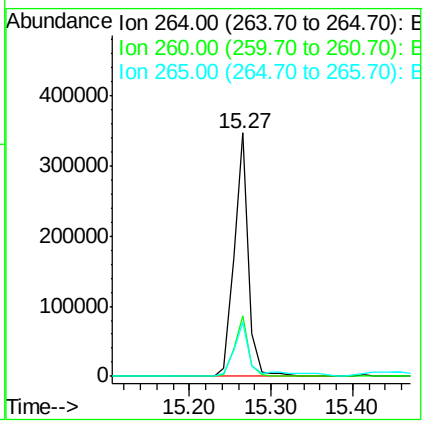


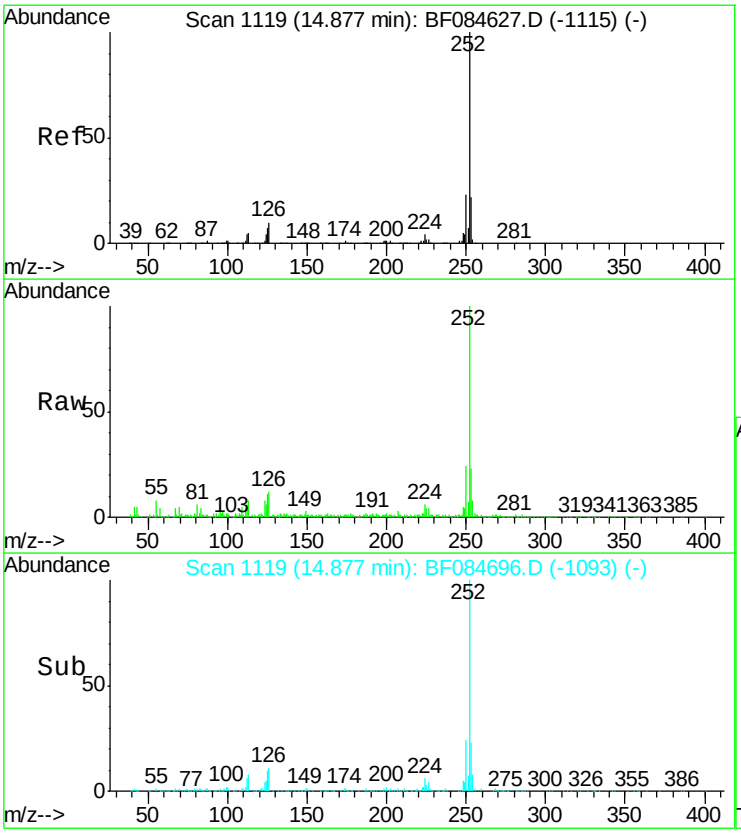
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:264 Resp: 414111

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.5	17.8	26.6

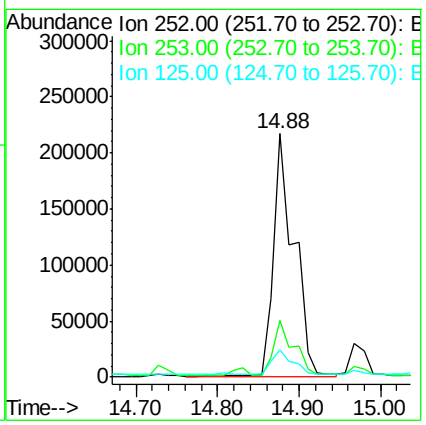


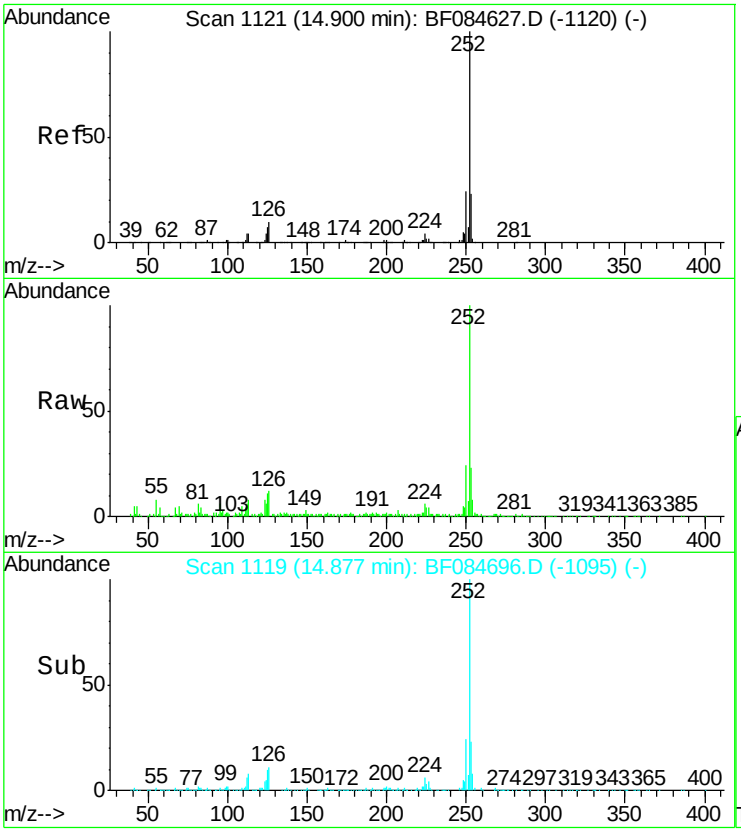


#87
Benzo(b)fluoranthene
Concen: 14.26 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:252 Resp: 382366

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.4	6.5	9.7#



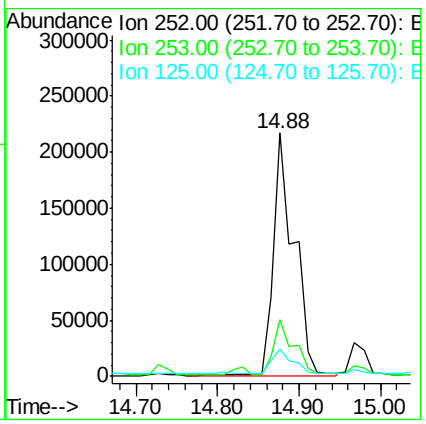


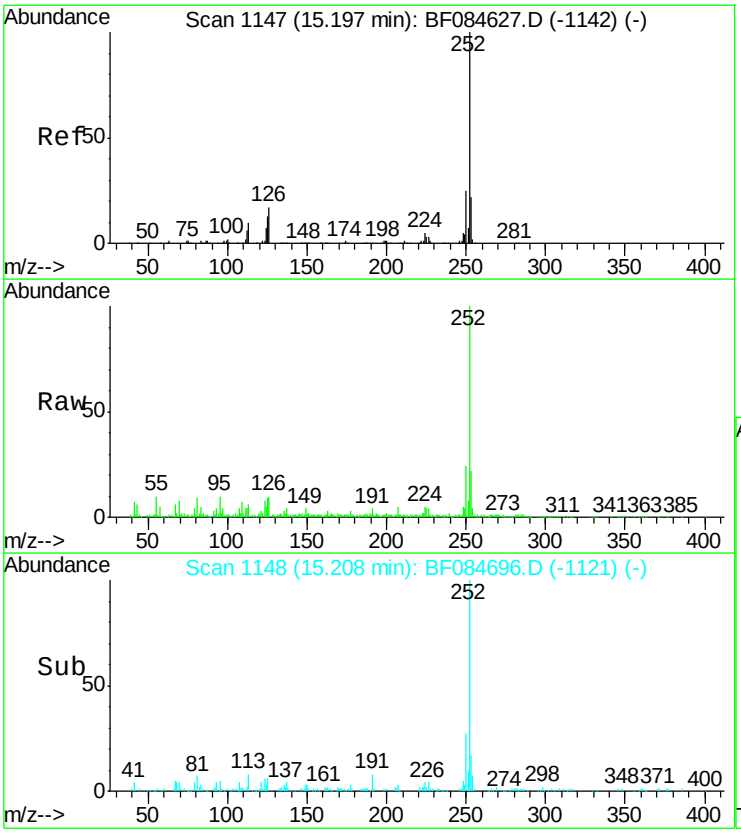
#88
Benzo(k)fluoranthene
Concen: 17.26 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:252 Resp: 382366

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.4	9.0	13.6

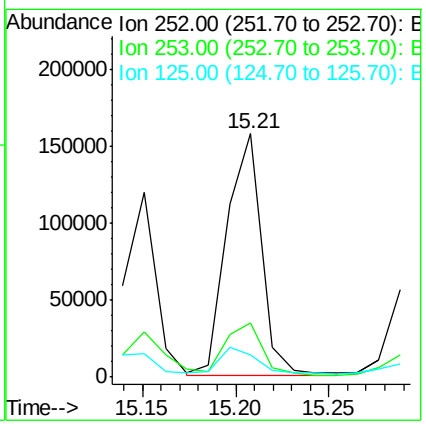


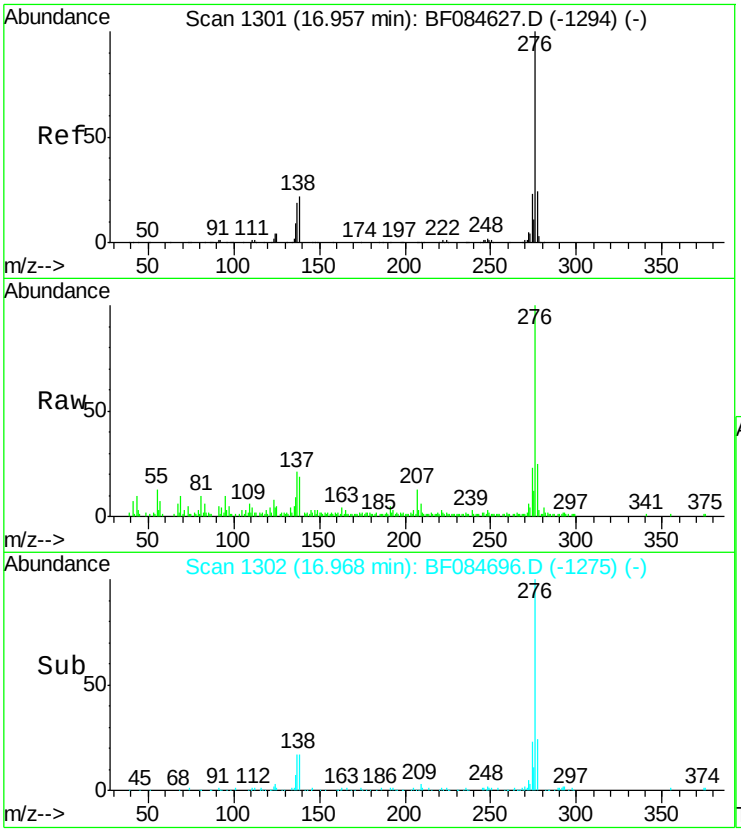


#89
Benzo(a)pyrene
Concen: 8.86 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Tgt Ion:252 Resp: 205555

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.0	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 4.91 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF084696.D
Acq: 30 Jan 2016 21:16

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:276 Resp: 103600

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	18.8	17.8	26.6