Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
Data File : BF077042.D
Acq On : 23 Jan 2015 17:46
Operator : TP/IZ
Sample : G7058-22
Misc : QUANT AS REG SAMPLE
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 22:50:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 22:30:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22303	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	97162	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	52258	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	87954	20.00	ng		-0.01
75) Chrysene-d12	21.13	240	81029	20.00	ng		-0.01
86) Perylene-d12	22.77	264	77622	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.78	112	70022	51.62	ng		-0.01
7) Phenol-d6	7.16	99	95302	55.69	ng		-0.01
23) Nitrobenzene-d5	9.06	82	69299	39.51	ng		0.00
41) 2,4,6-Tribromophenol	16.52	330	25718	60.63	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	149459	43.52	ng		-0.01
78) Terphenyl-d14	19.88	244	173137	49.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	2643	4.55	ng	#	12
9) Benzaldehyde	6.79	77	486	Below Cal		#	80
31) Naphthalene	10.72	128	21685	4.34	ng		97
48) Acenaphthylene	14.45	152	16958	3.15	ng		97
51) Acenaphthene	14.87	154	13700	4.49	ng		87
57) Fluorene	16.05	166	10065	2.67	ng		90
70) Phenanthrene	17.66	178	18409	3.36	ng		99
71) Anthracene	17.74	178	30194	5.65	ng		99
74) Fluoranthene	19.32	202	33442	5.95	ng		97
77) Pyrene	19.60	202	22294	4.01	ng		97
80) Benzo(a)anthracene	21.12	228	18846	3.71	ng		97
82) Chrysene	21.17	228	18679	4.03	ng		98
87) Benzo(b)fluoranthene	22.37	252	14380	2.75	ng		96
88) Benzo(k)fluoranthene	22.37	252	14379	3.15	ng	#	93
89) Benzo(a)pyrene	22.71	252	10903	2.36	ng		95
91) Benzo(g,h,i)perylene	24.11	276	23629	5.62	ng		96

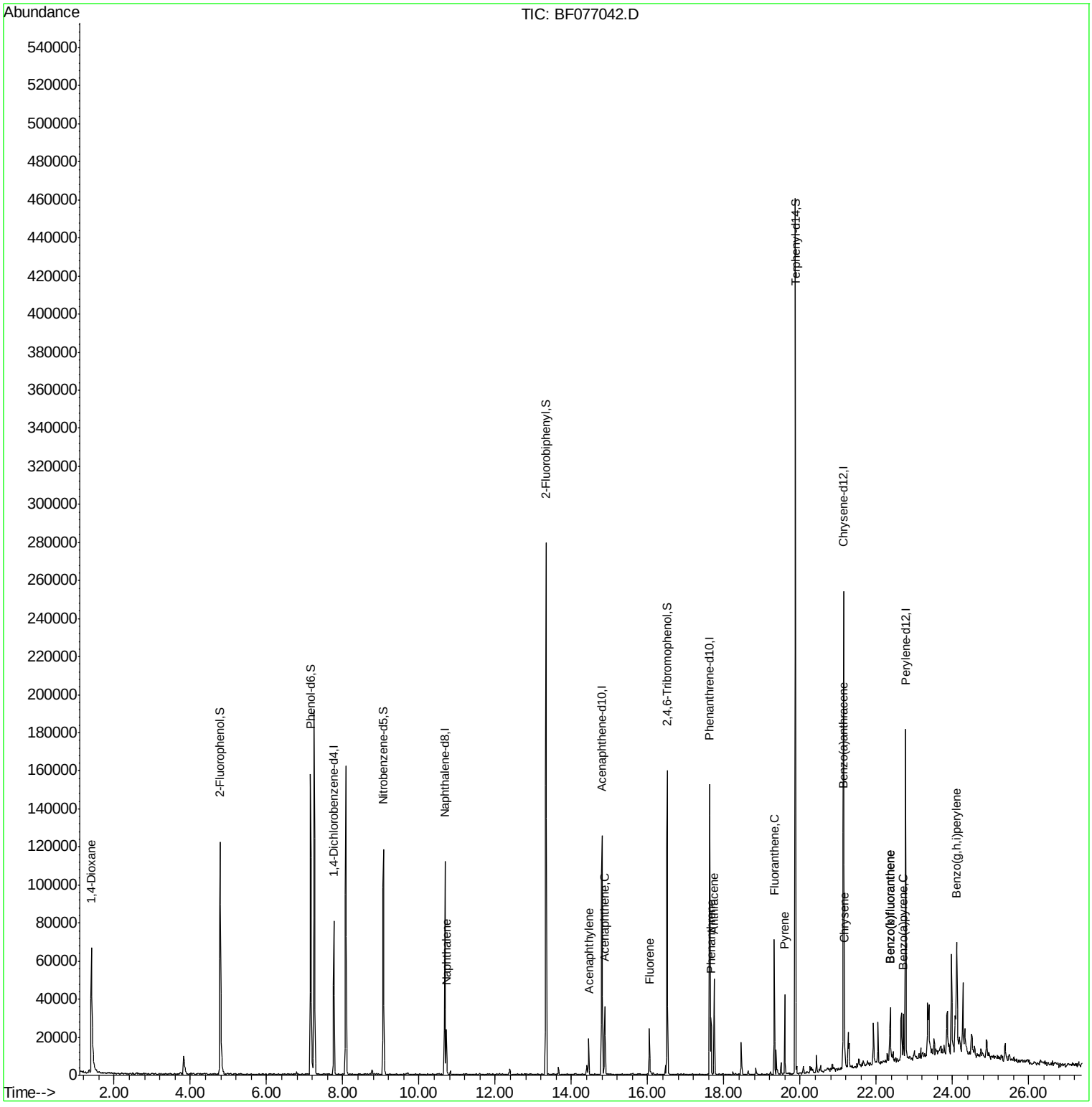
(#) = qualifier out of range (m) = manual integration (+) = signals summed

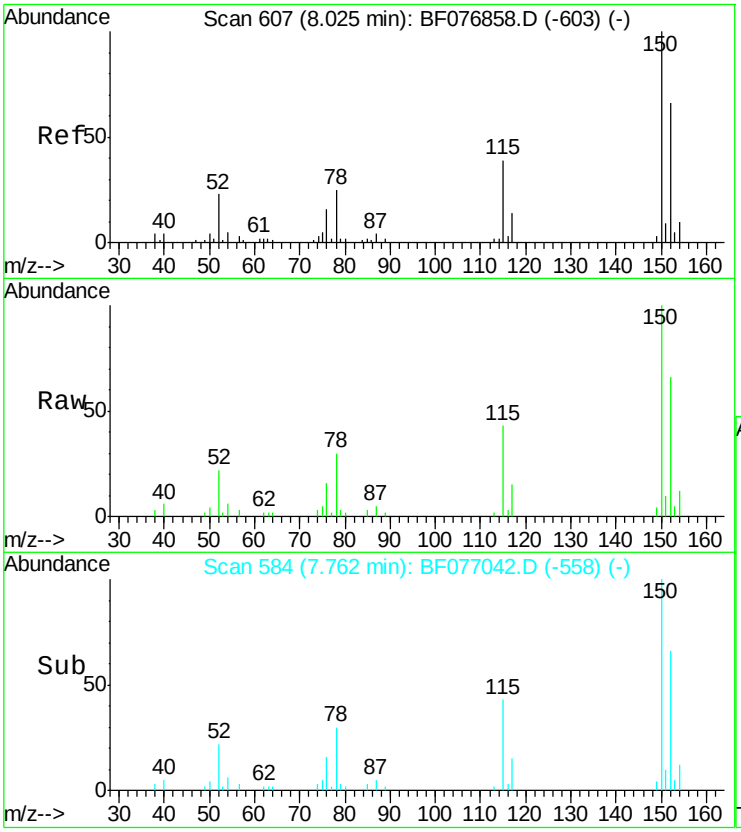
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
Data File : BF077042.D
Acq On : 23 Jan 2015 17:46
Operator : TP/IZ
Sample : G7058-22
Misc : QUANT AS REG SAMPLE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 23 22:50:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 22:30:04 2015
Response via : Initial Calibration



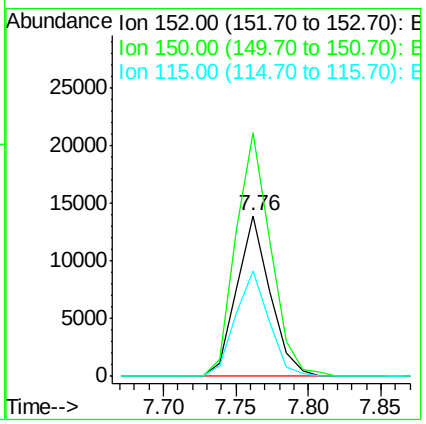


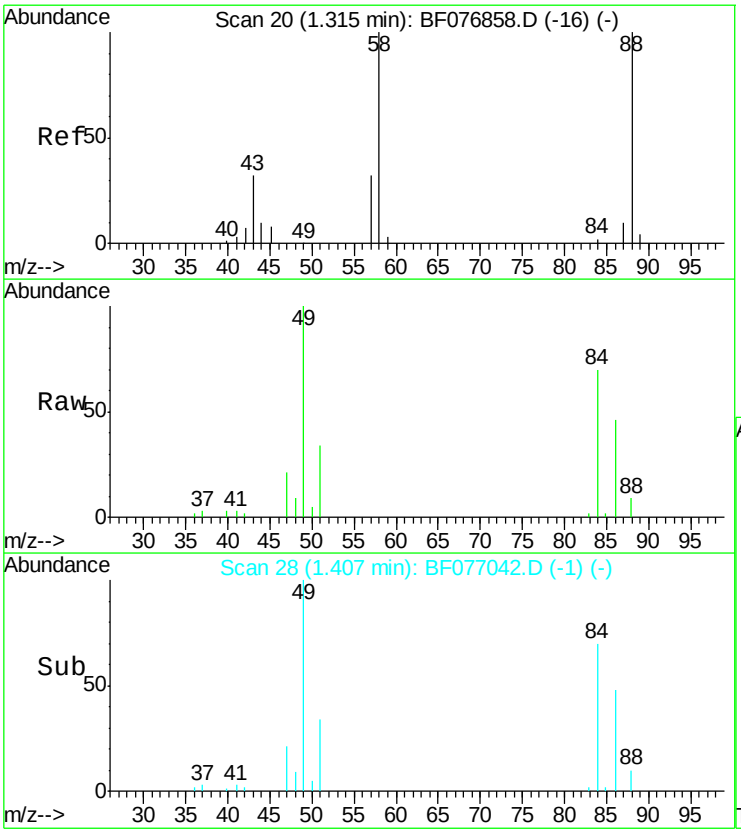
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 22303

Ion	Ratio	Lower	Upper
152	100		
150	151.5	121.7	182.5
115	65.8	47.0	70.6

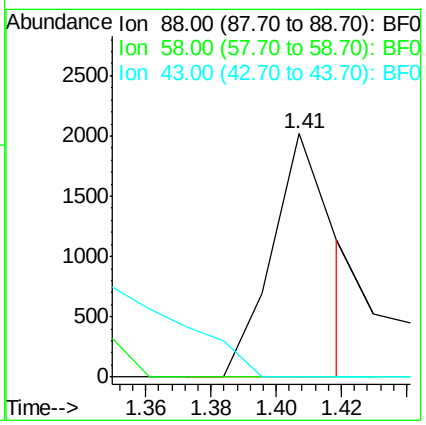


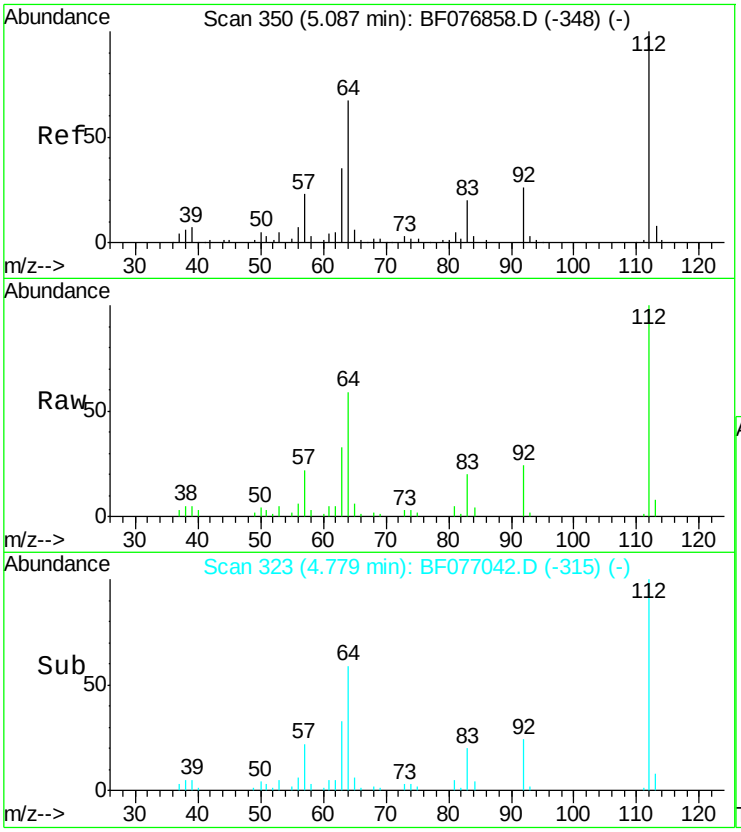


#2
1,4-Dioxane
Concen: 4.55 ng
RT: 1.41 min Scan# 28
Delta R.T. 0.24 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion: 88 Resp: 2643

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.0	115.4#
43	0.0	25.6	38.4#



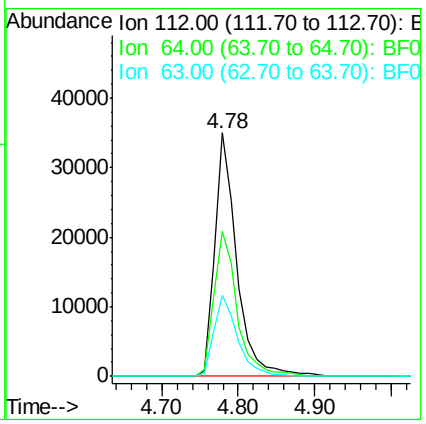


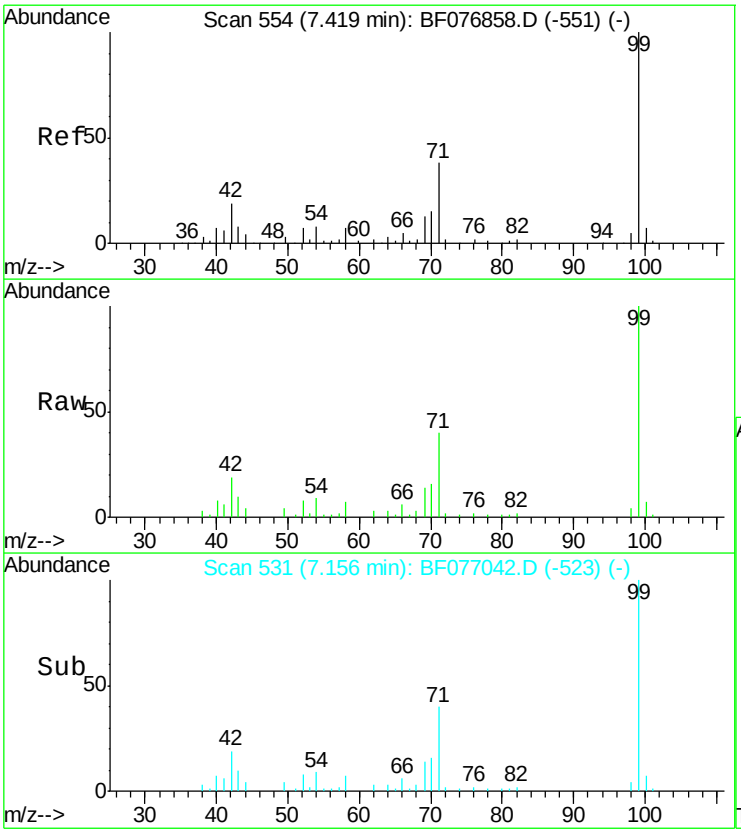
#5
2-Fluorophenol
Concen: 51.62 ng
RT: 4.78 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 70022

Ion	Ratio	Lower	Upper
112	100		
64	59.5	54.2	81.4
63	33.5	28.4	42.6

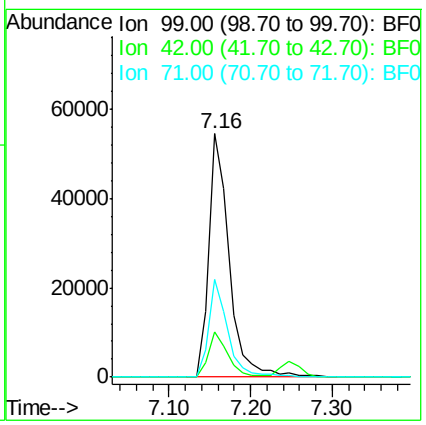


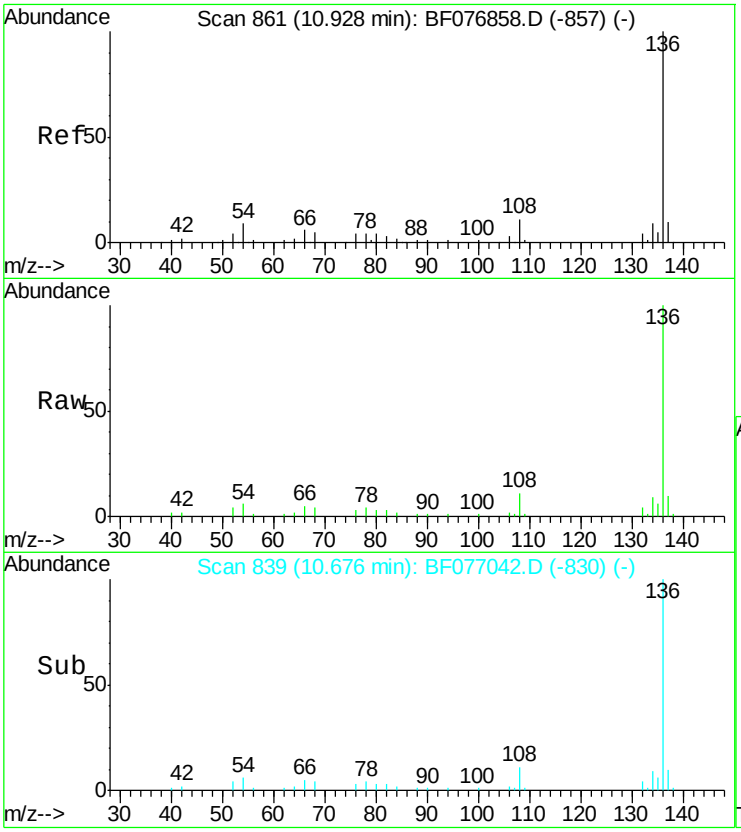


#7
Phenol-d6
Concen: 55.69 ng
RT: 7.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion: 99 Resp: 95302

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	40.2	30.5	45.7



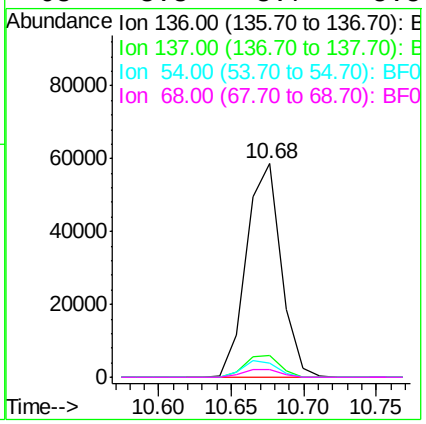


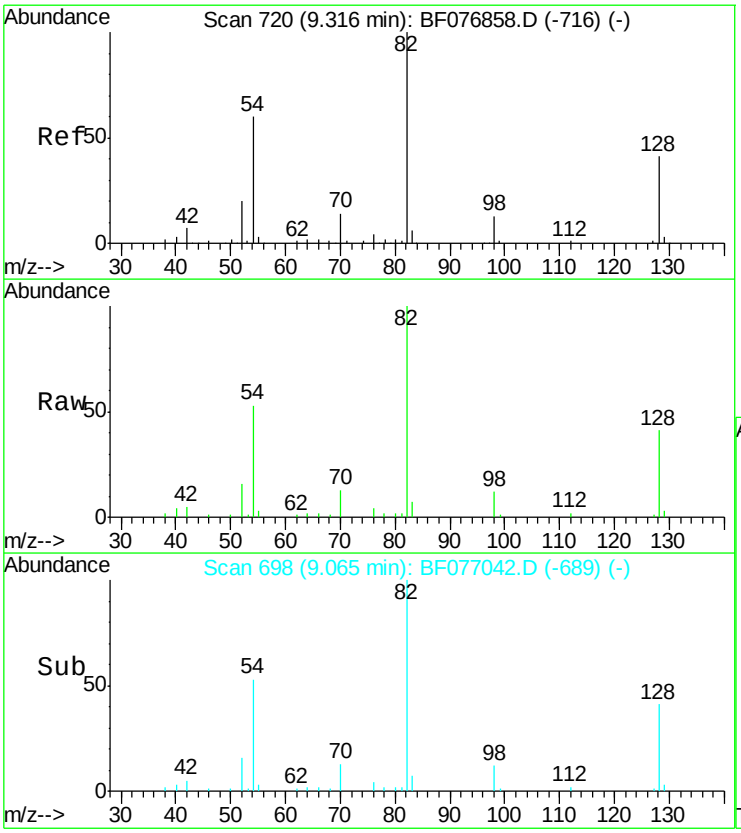
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 97162

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	6.4	7.0	10.4#
68	3.8	3.7	5.5

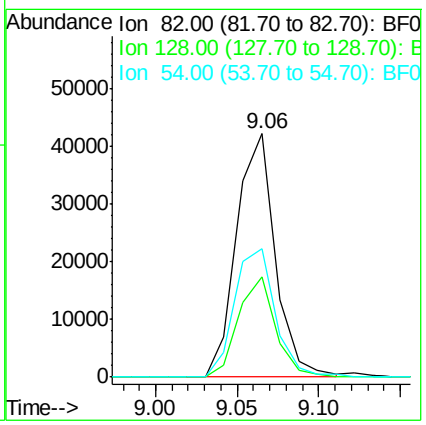


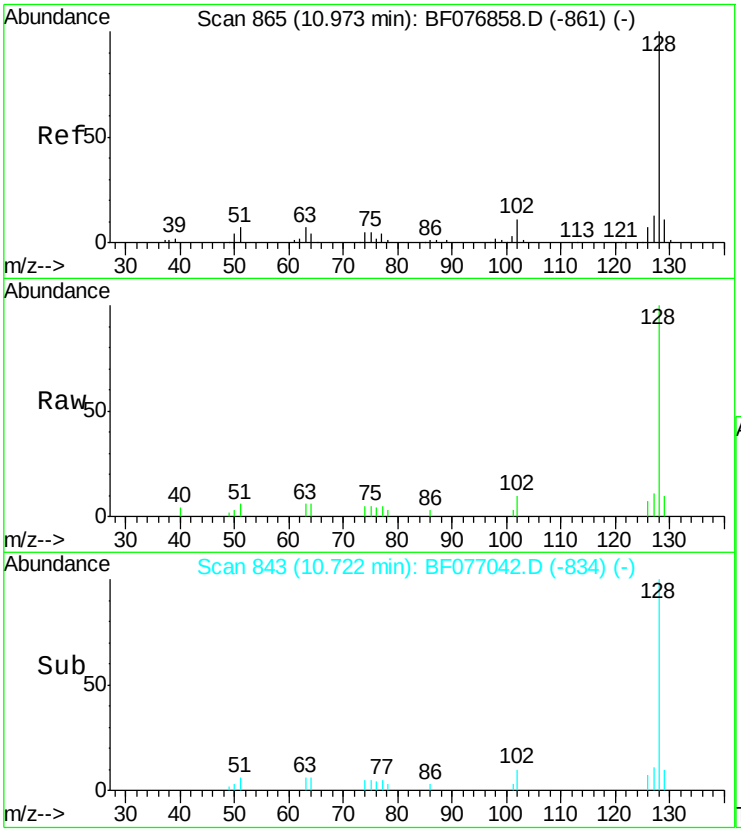


#23
Nitrobenzene-d5
Concen: 39.51 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion: 82 Resp: 69299

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.1	49.7
54	53.0	48.3	72.5



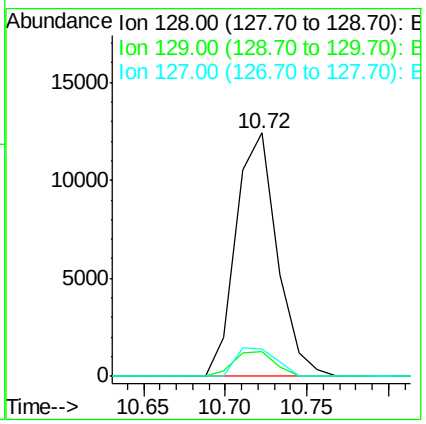


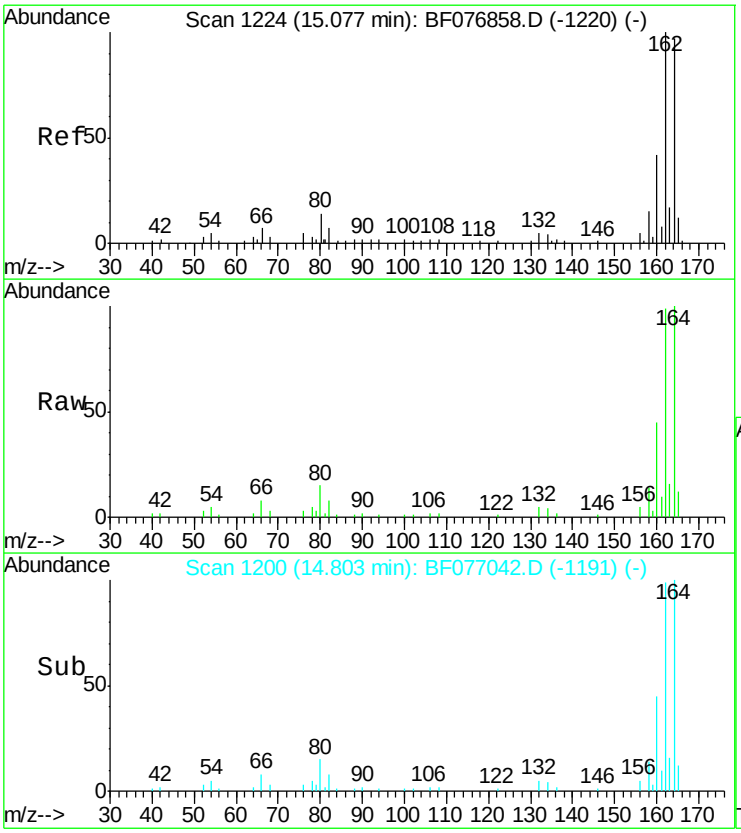
#31
Naphthalene
Concen: 4.34 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 21685

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	11.4	10.2	15.2

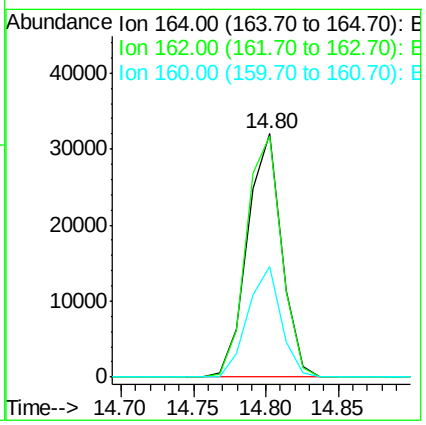


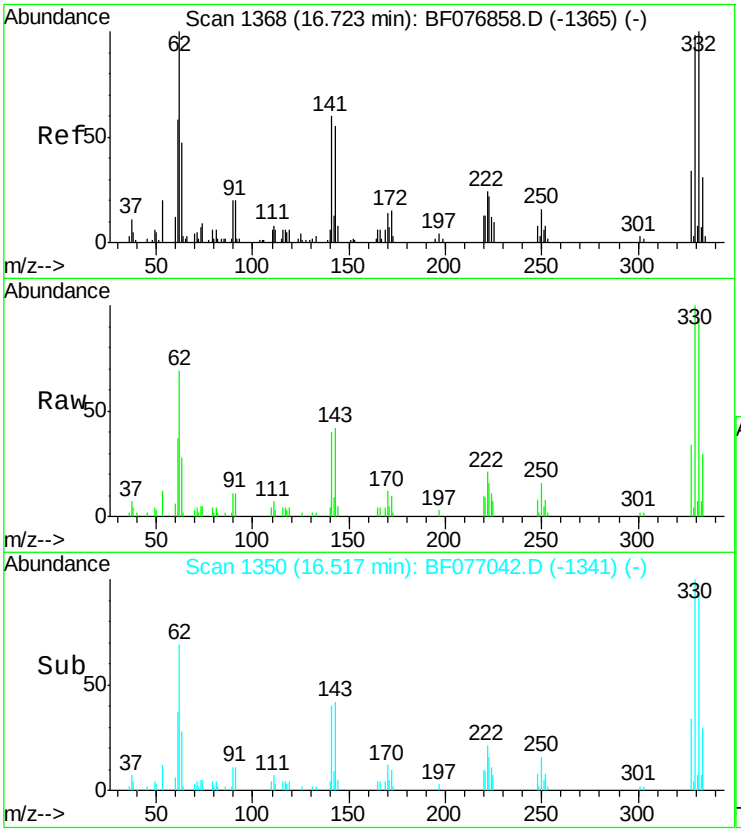


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:164 Resp: 52258

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	45.3	34.8	52.2



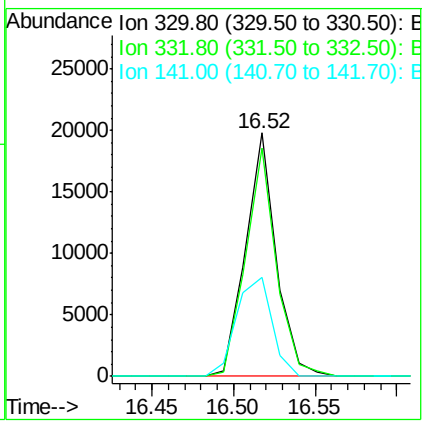


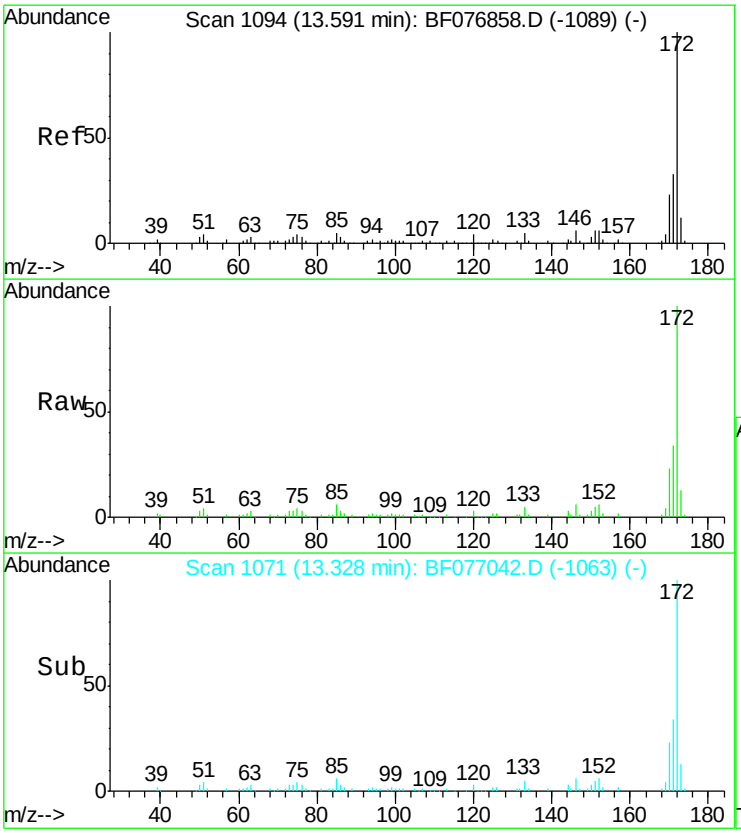
#41
2,4,6-Tribromophenol
Concen: 60.63 ng
RT: 16.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25718

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	46.7	38.5	57.7

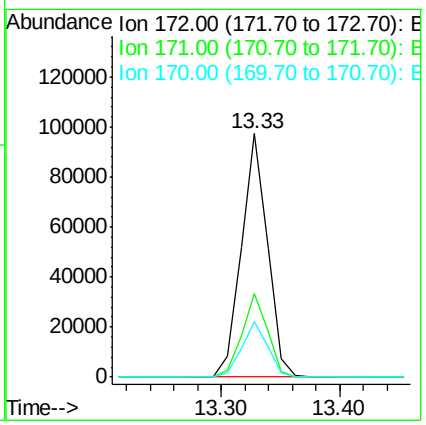


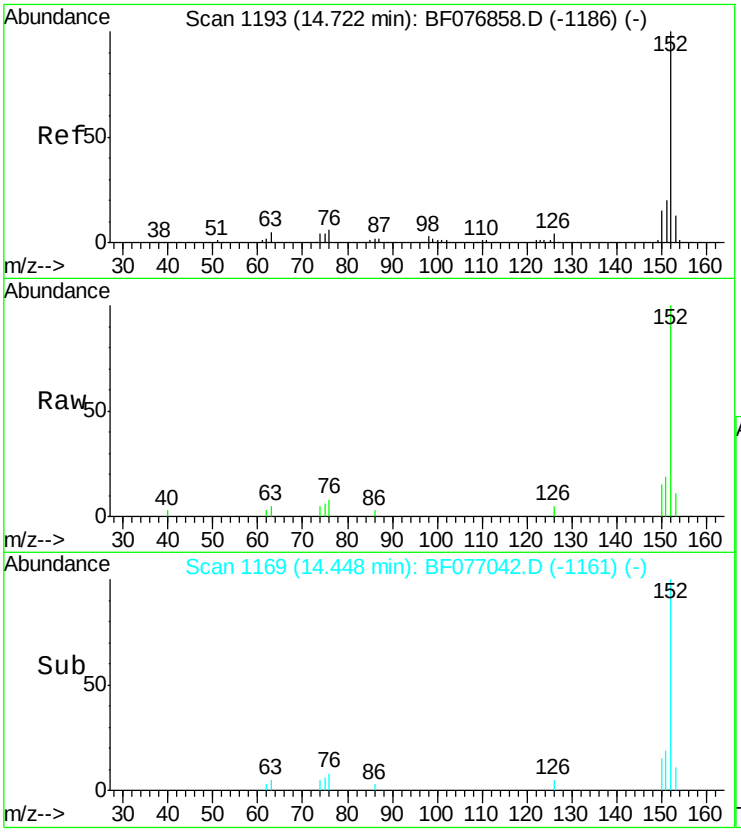


#44
2-Fluorobiphenyl
Concen: 43.52 ng
RT: 13.33 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:172 Resp: 149459

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.6	40.0
170	22.7	18.0	27.0



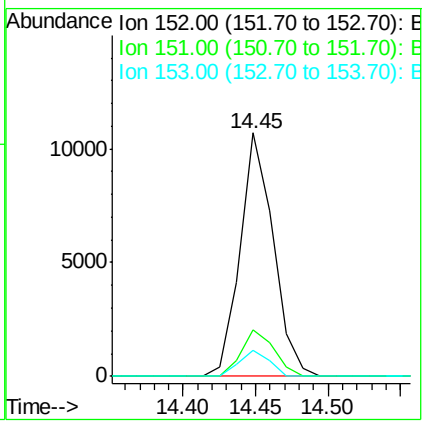


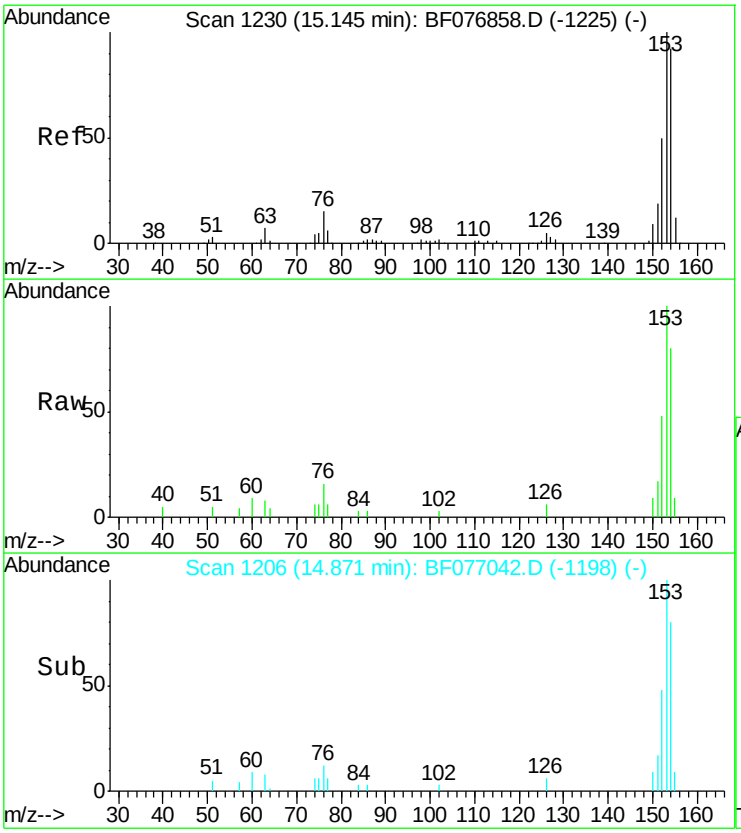
#48
Acenaphthylene
Concen: 3.15 ng
RT: 14.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 16958

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.9	23.9
153	10.9	10.2	15.4

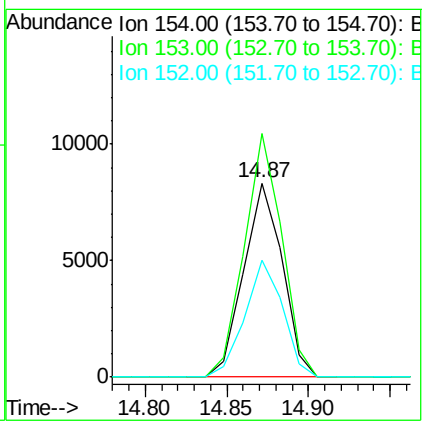


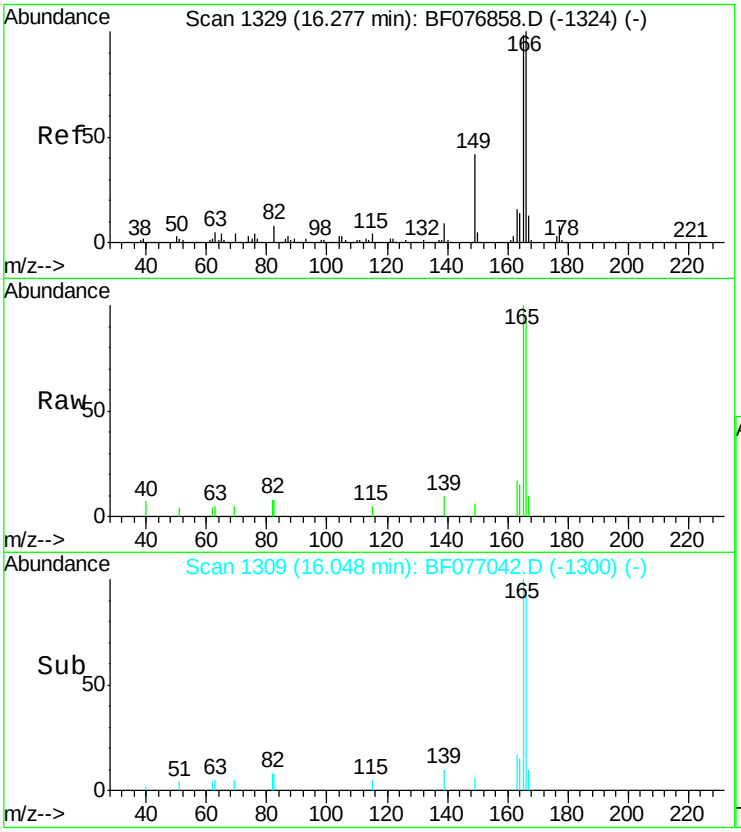


#51
Acenaphthene
Concen: 4.49 ng
RT: 14.87 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:154 Resp: 13700

Ion	Ratio	Lower	Upper
154	100		
153	125.6	87.0	130.6
152	60.2	43.5	65.3



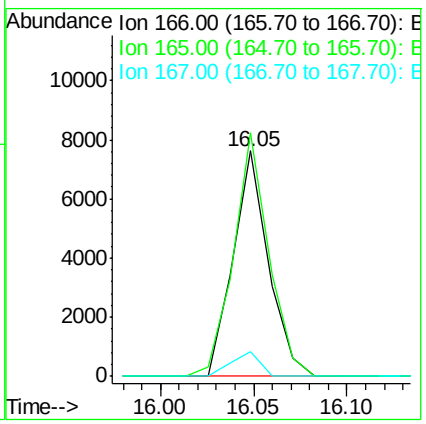


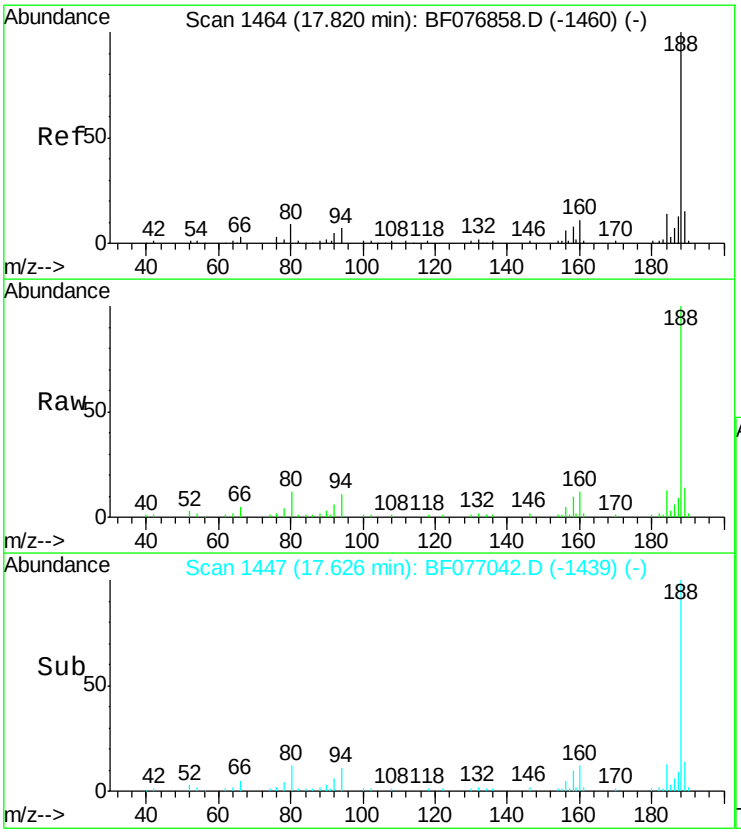
#57
Fluorene
Concen: 2.67 ng
RT: 16.05 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 10065

Ion	Ratio	Lower	Upper
166	100		
165	108.1	78.5	117.7
167	11.1	10.4	15.6

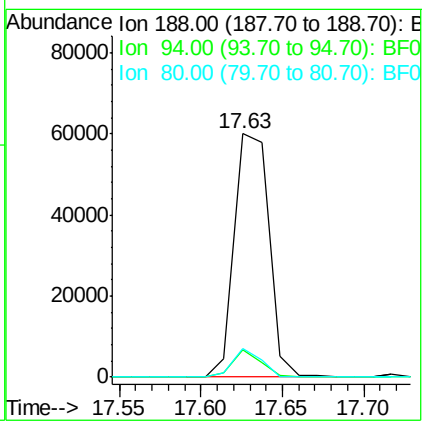


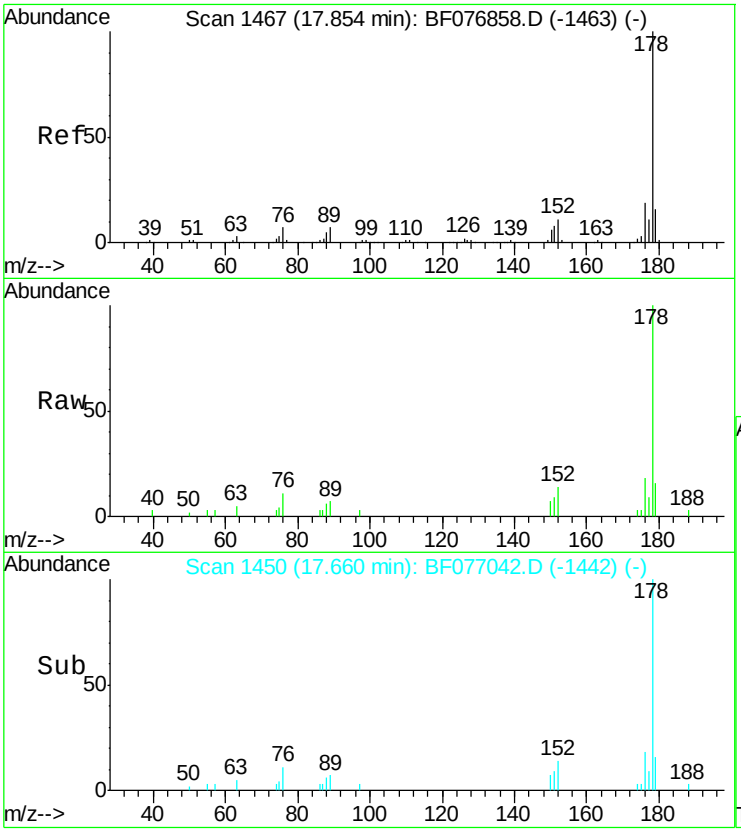


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:188 Resp: 87954

Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.0	9.0#
80	11.9	6.9	10.3#



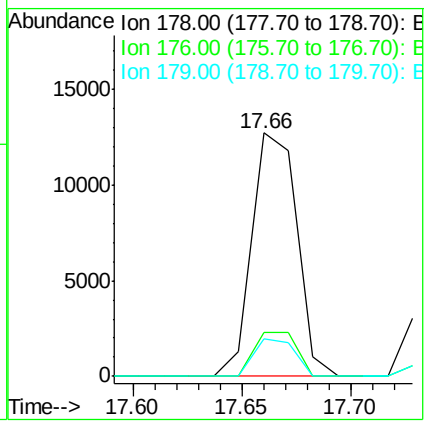


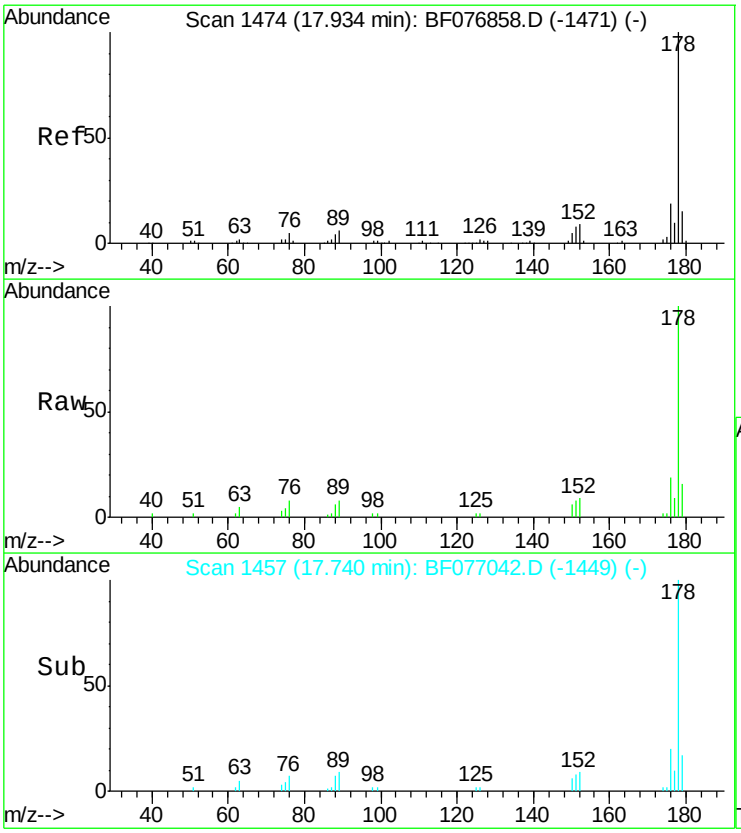
#70
Phenanthrene
Concen: 3.36 ng
RT: 17.66 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 18409

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.6	12.7	19.1

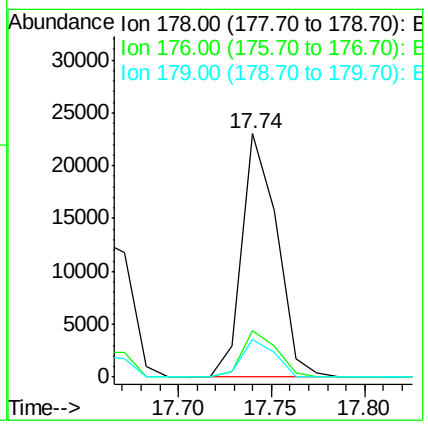


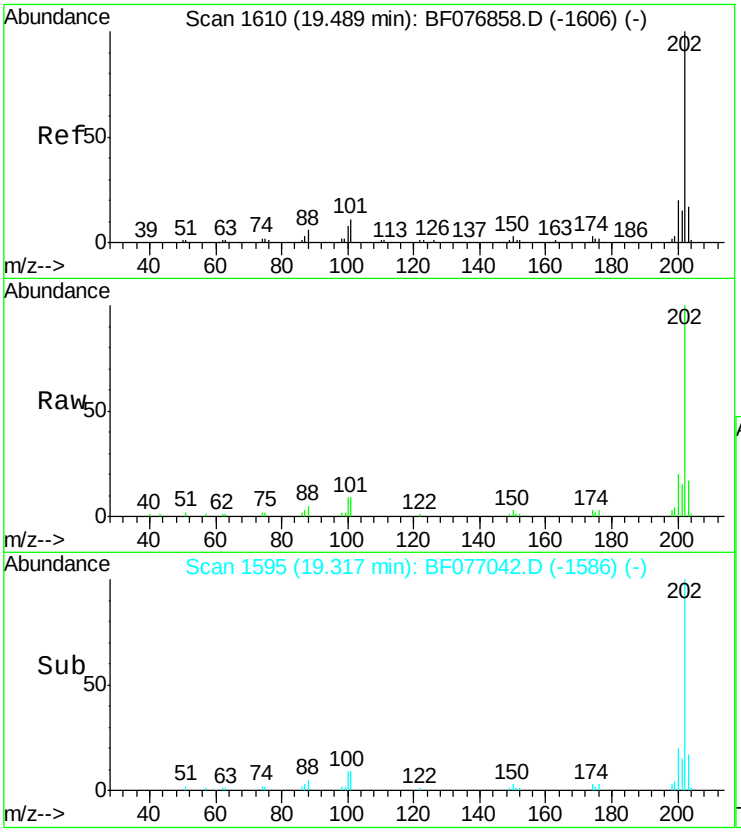


#71
Anthracene
Concen: 5.65 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:178 Resp: 30194

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	11.9	17.9



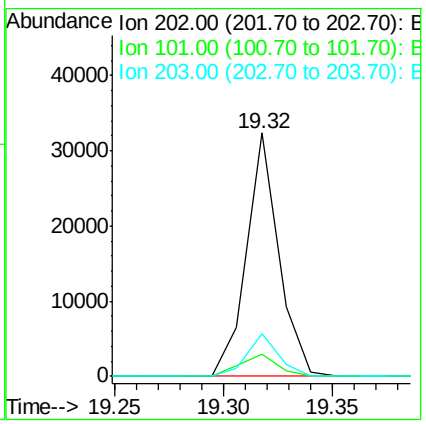


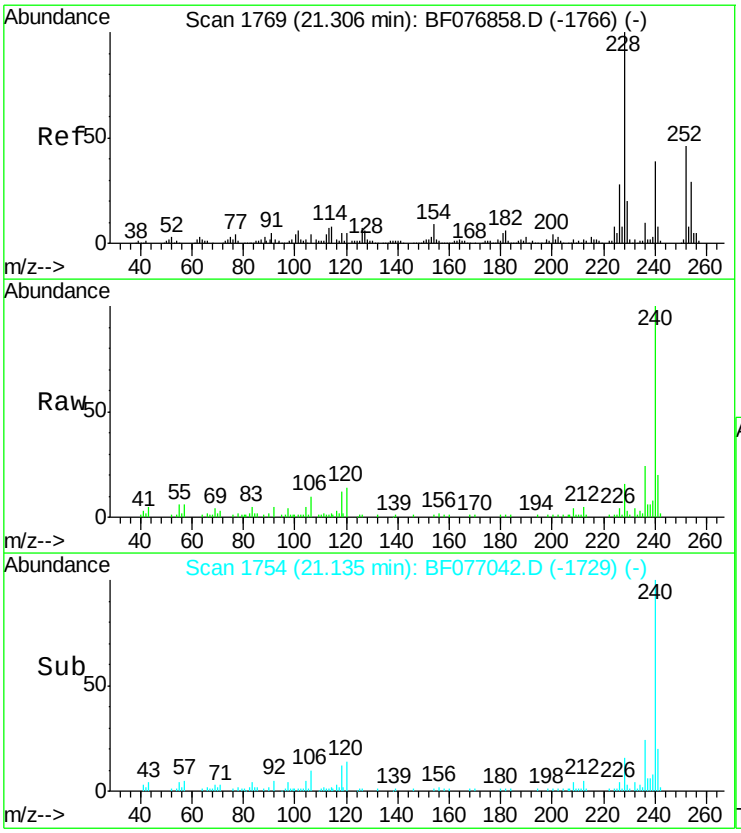
#74
Fluoranthene
Concen: 5.95 ng
RT: 19.32 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 33442

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.7
203	17.4	0.0	36.9

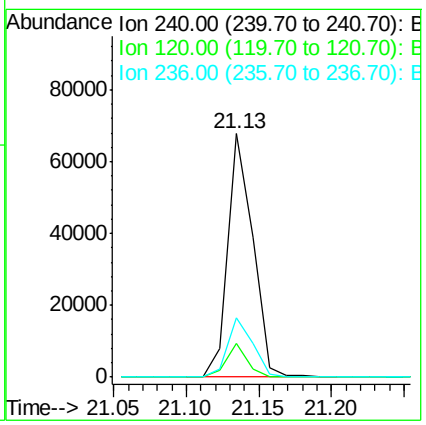


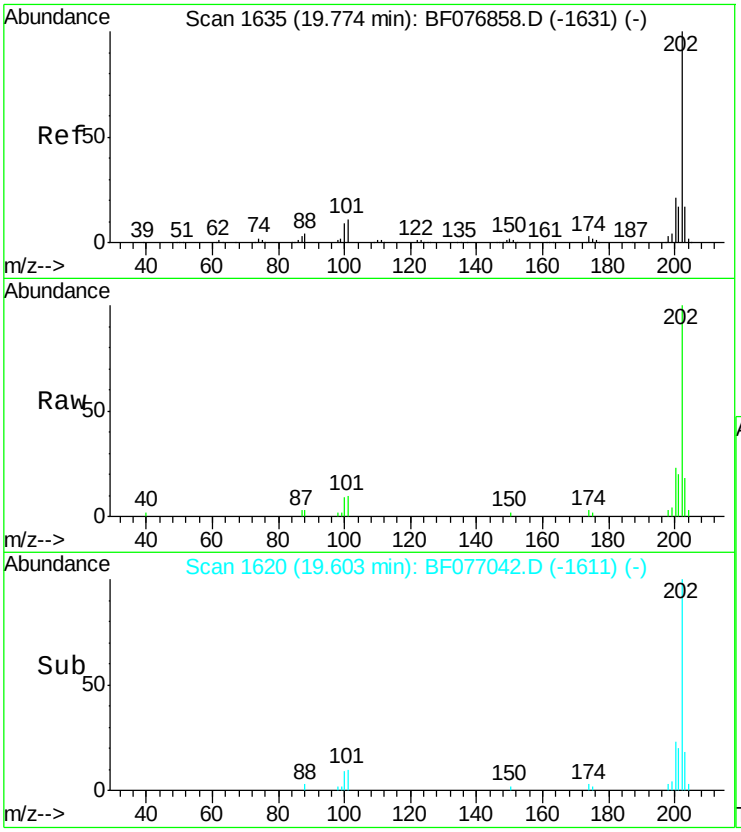


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:240 Resp: 81029

Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.4	15.6
236	24.3	20.2	30.2



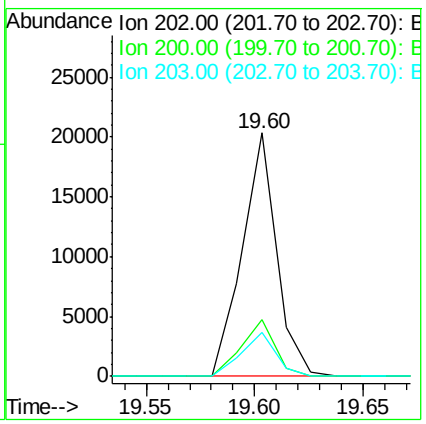


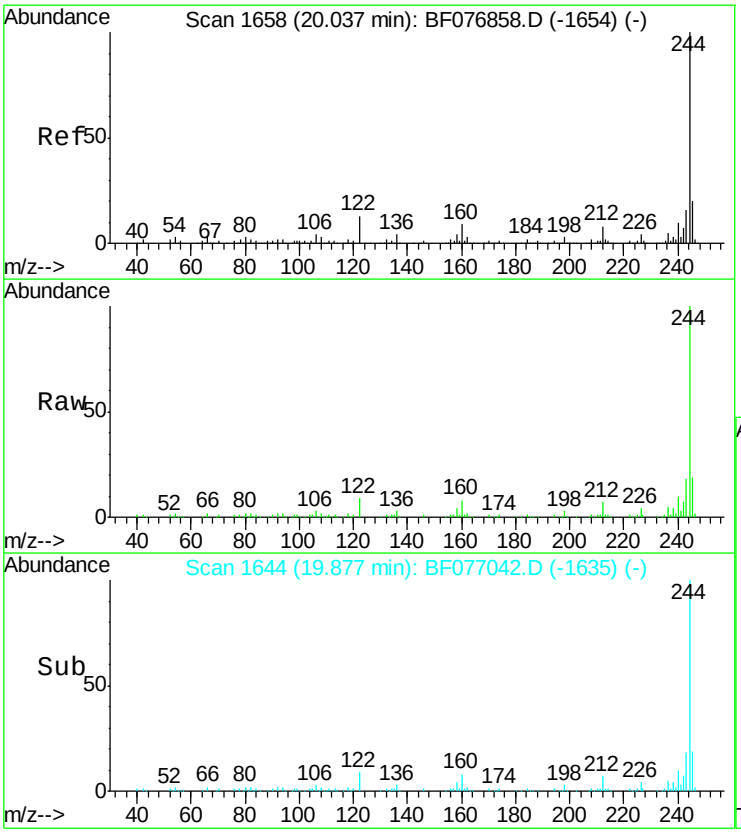
#77
Pyrene
Concen: 4.01 ng
RT: 19.60 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 22294

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.7	25.1
203	17.8	14.0	21.0

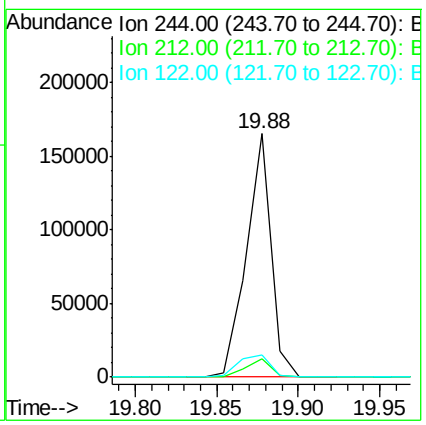


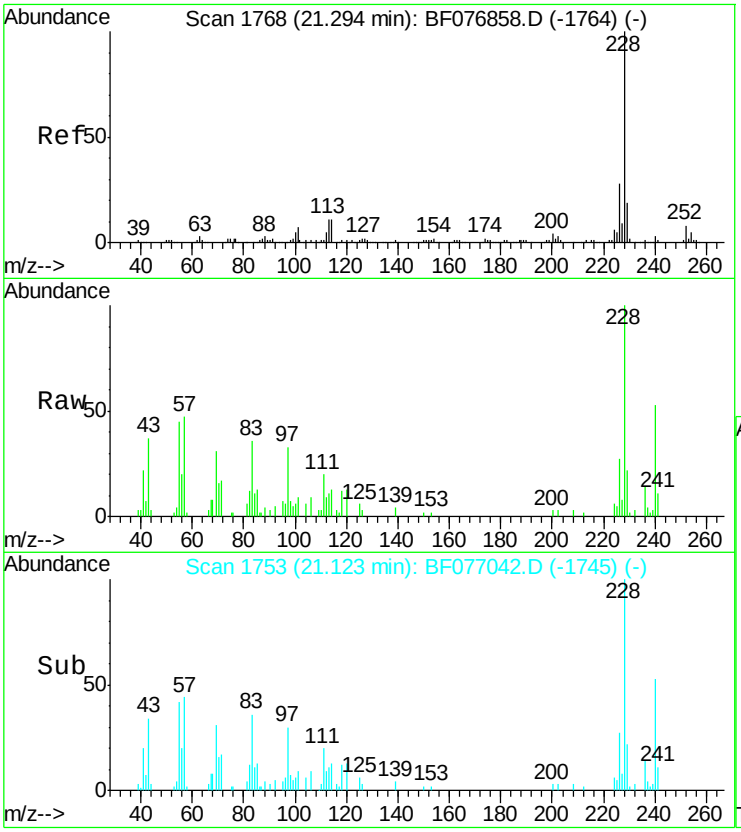


#78
Terphenyl-d14
Concen: 49.19 ng
RT: 19.88 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:244 Resp: 173137

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	9.3	10.1	15.1#



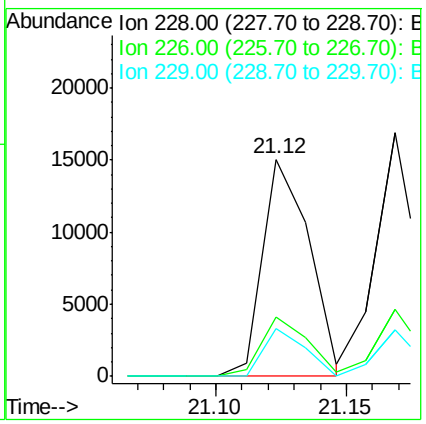


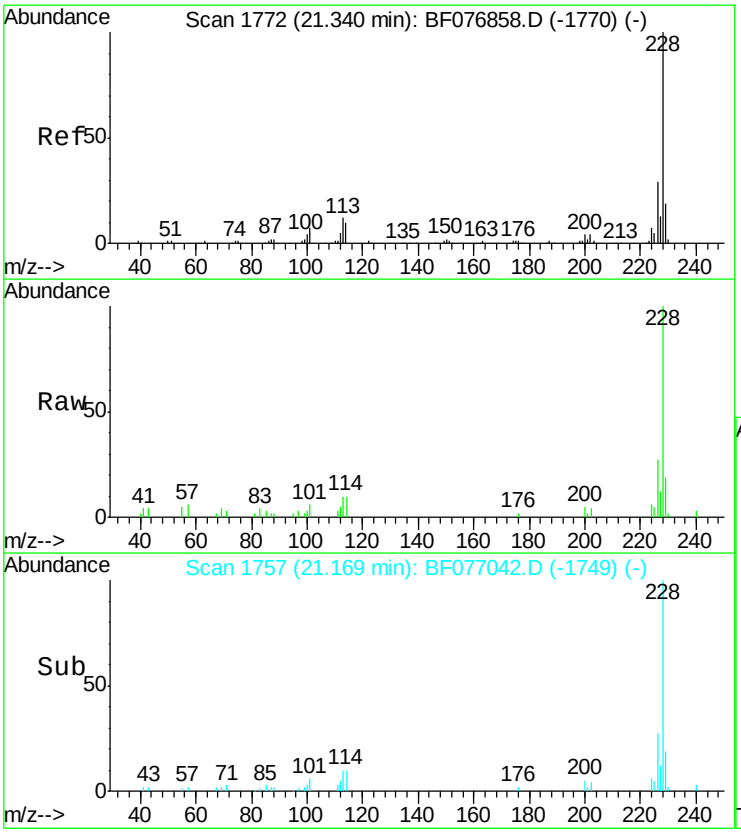
#80
Benzo(a)anthracene
Concen: 3.71 ng
RT: 21.12 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 18846

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	21.8	15.5	23.3

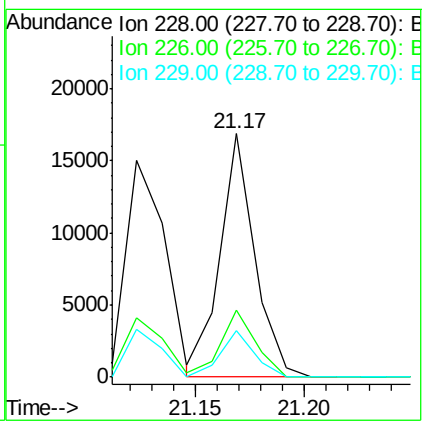


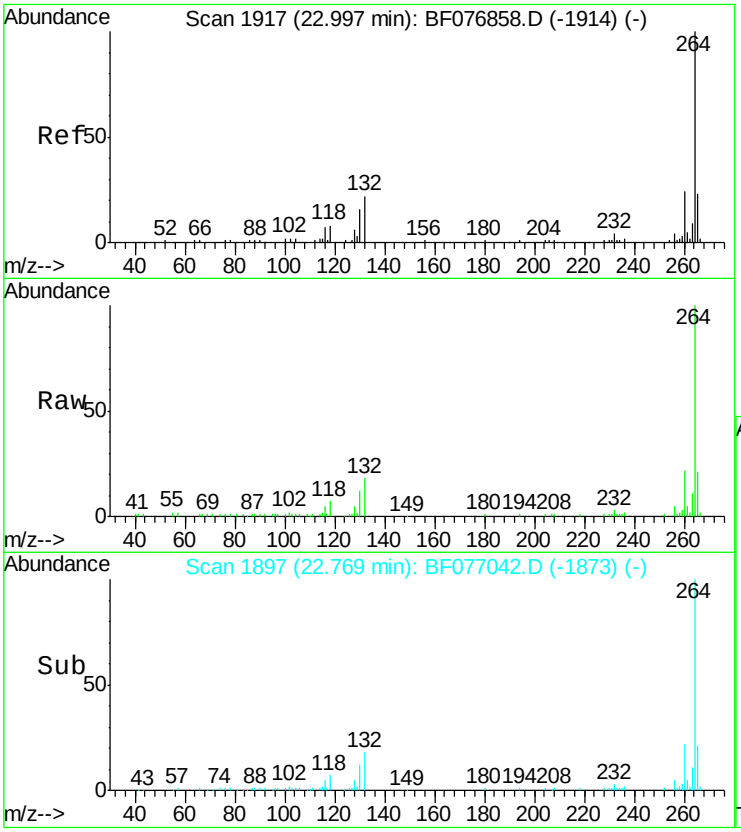


#82
Chrysene
Concen: 4.03 ng
RT: 21.17 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:228 Resp: 18679

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.0
229	19.0	15.4	23.0



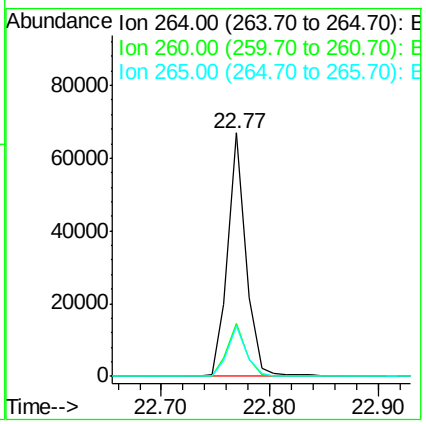


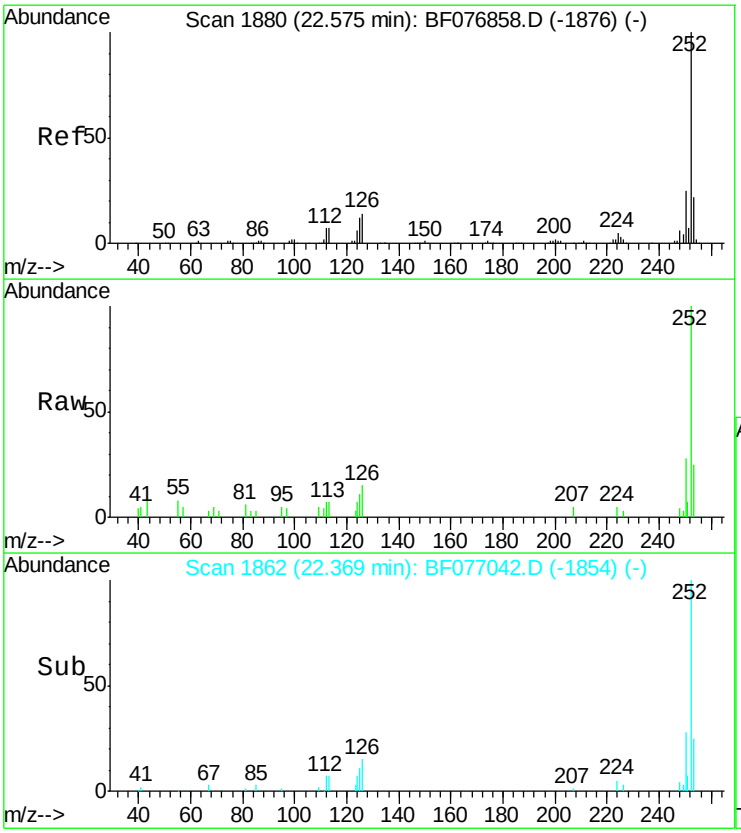
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.77 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 77622

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.5	18.1	27.1

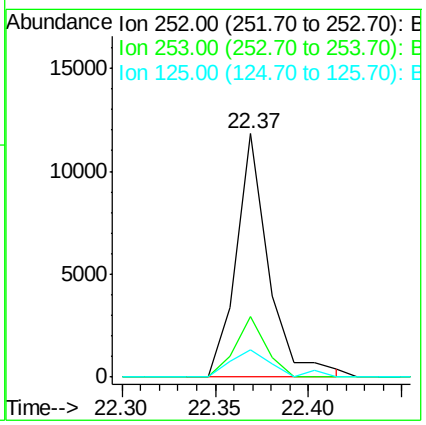


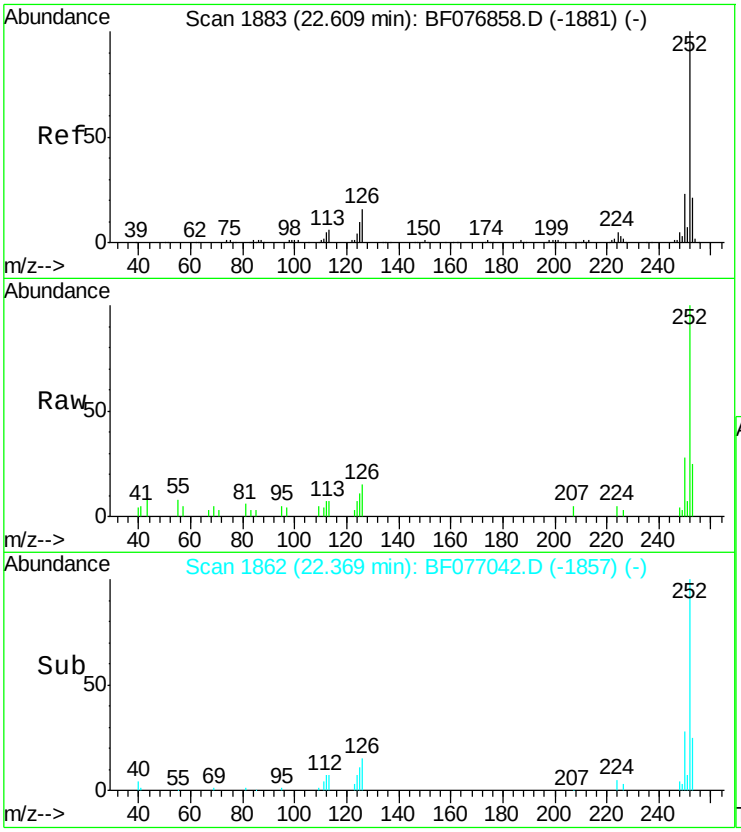


#87
Benzo(b)fluoranthene
Concen: 2.75 ng
RT: 22.37 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:252 Resp: 14380

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	11.2	9.4	14.0



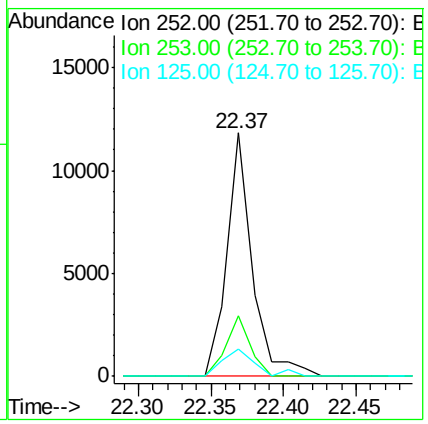


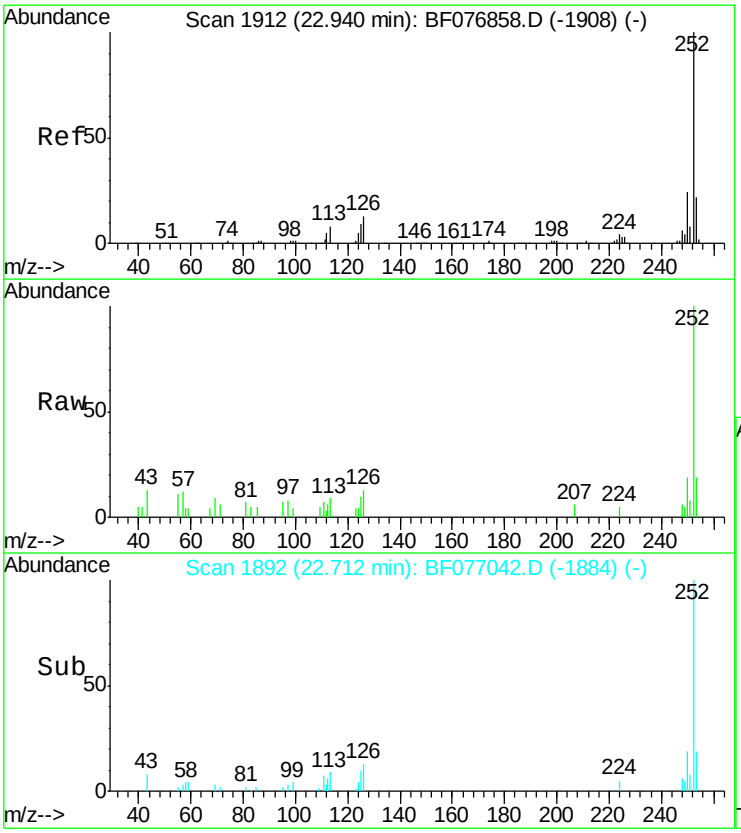
#88
Benzo(k)fluoranthene
Concen: 3.15 ng
RT: 22.37 min Scan# 1862
Delta R.T. -0.05 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14379

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	11.2	7.1	10.7#

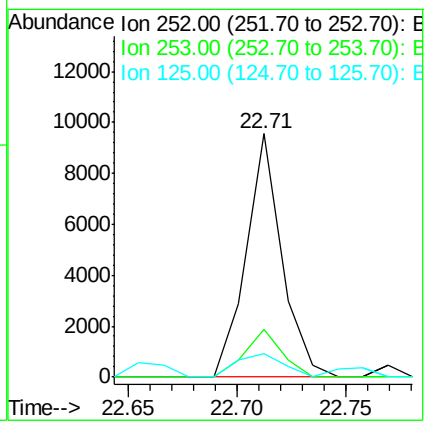


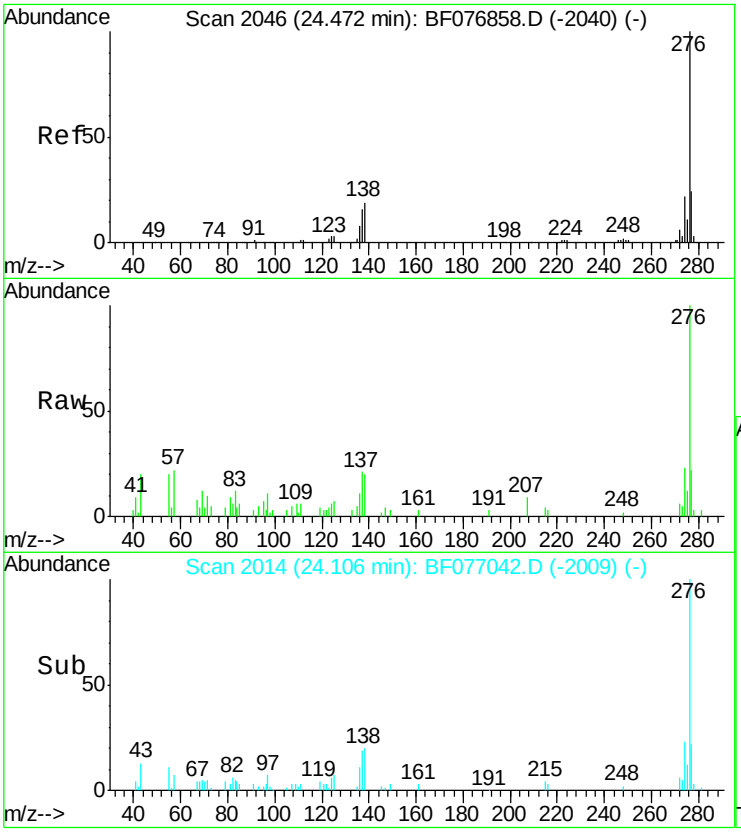


#89
Benzo(a)pyrene
Concen: 2.36 ng
RT: 22.71 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Tgt Ion:252 Resp: 10903

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.9	26.9
125	9.6	7.2	10.8





#91
Benzo(g,h,i)perylene
Concen: 5.62 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BF077042.D
Acq: 23 Jan 2015 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23629

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.5	29.3
138	20.4	15.0	22.6