Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
Data File : BF077032.D
Acq On : 23 Jan 2015 5:08
Operator : TP/IZ
Sample : G1148-03
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 06:12:25 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 03:40:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24582	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	102107	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	51898	20.00	ng		-0.01
63) Phenanthrene-d10	17.69	188	87142	20.00	ng		0.00
75) Chrysene-d12	21.19	240	85014	20.00	ng		0.00
86) Perylene-d12	22.84	264	78997	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	108940	72.86	ng		0.00
7) Phenol-d6	7.25	99	140954	74.73	ng		-0.01
23) Nitrobenzene-d5	9.14	82	87186	47.31	ng		-0.01
41) 2,4,6-Tribromophenol	16.59	330	30685	72.84	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	157647	46.23	ng		-0.01
78) Terphenyl-d14	19.92	244	152689	41.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	3256	5.09	ng	#	12
10) Phenol	7.28	94	4718	2.36	ng	#	69
49) Dimethylphthalate	14.48	163	19905	5.41	ng		99
62) Azobenzene	16.53	77	18439	4.76	ng	#	1
74) Fluoranthene	19.37	202	16175	2.90	ng		99
77) Pyrene	19.65	202	15150	2.60	ng		96
87) Benzo(b)fluoranthene	22.43	252	12546	2.36	ng	#	93
88) Benzo(k)fluoranthene	22.43	252	12547	2.70	ng	#	90

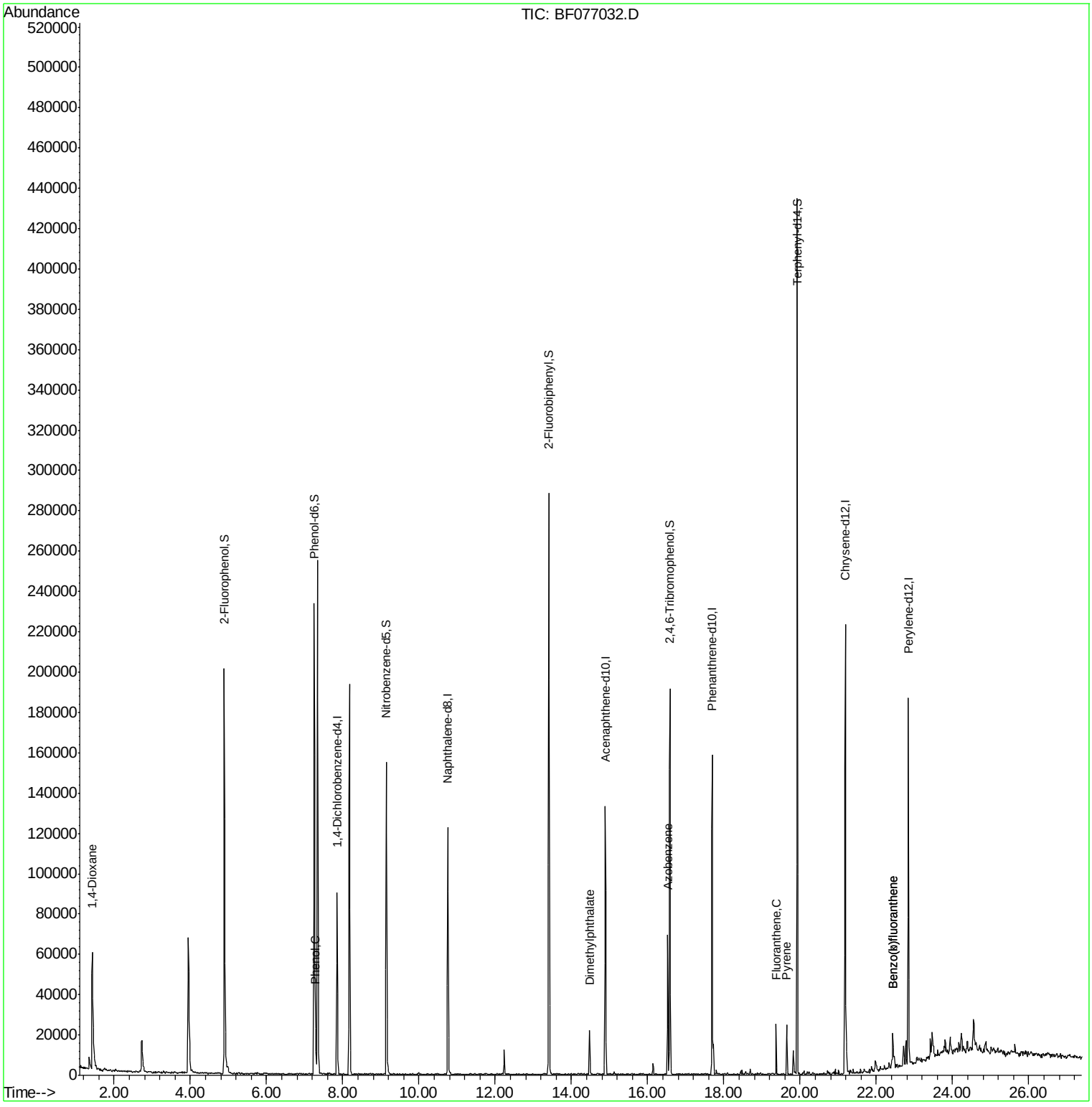
(#) = qualifier out of range (m) = manual integration (+) = signals summed

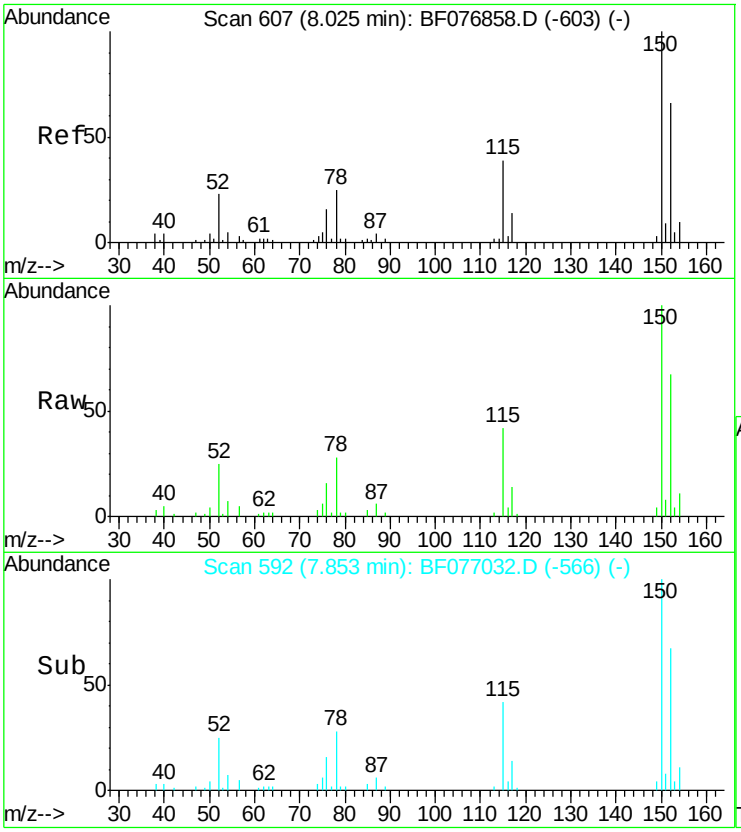
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
Data File : BF077032.D
Acq On : 23 Jan 2015 5:08
Operator : TP/IZ
Sample : G1148-03
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 23 06:12:25 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 03:40:26 2015
Response via : Initial Calibration



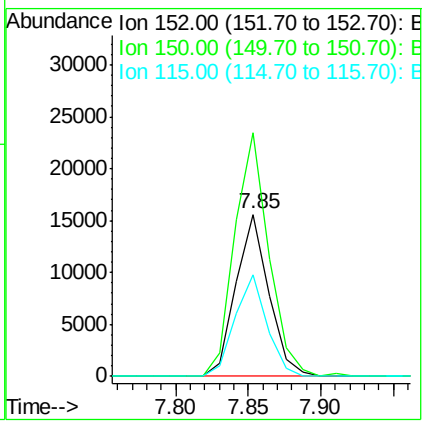


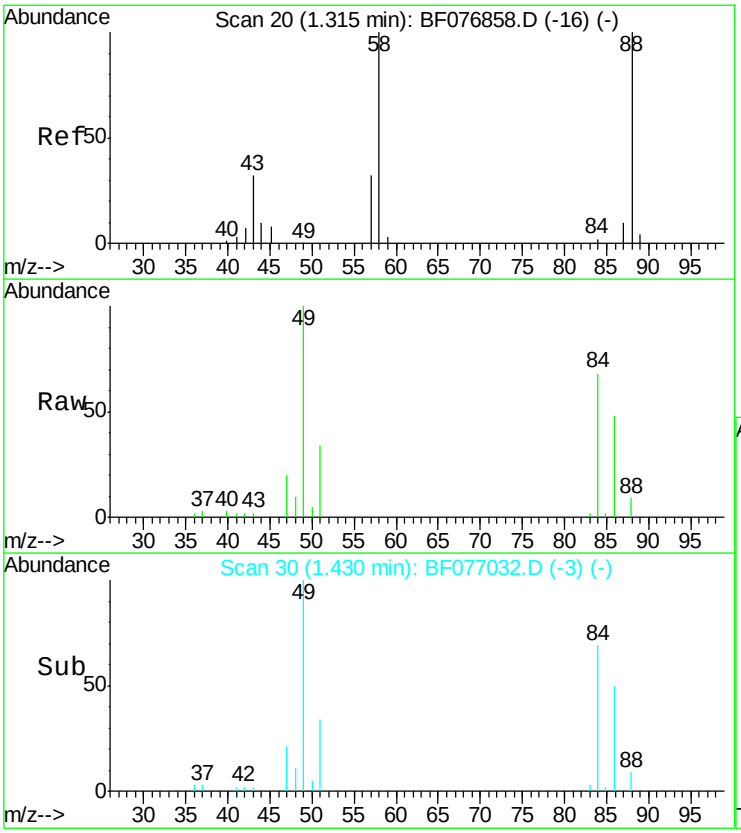
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 24582

Ion	Ratio	Lower	Upper
152	100		
150	150.1	121.7	182.5
115	62.4	47.0	70.6

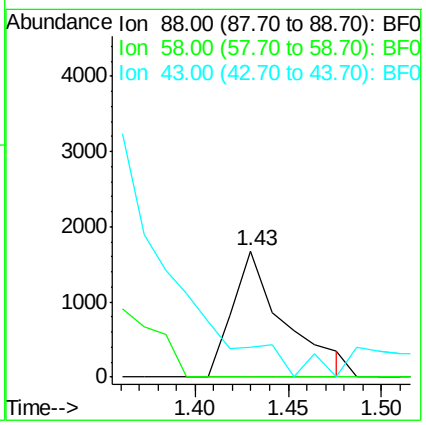


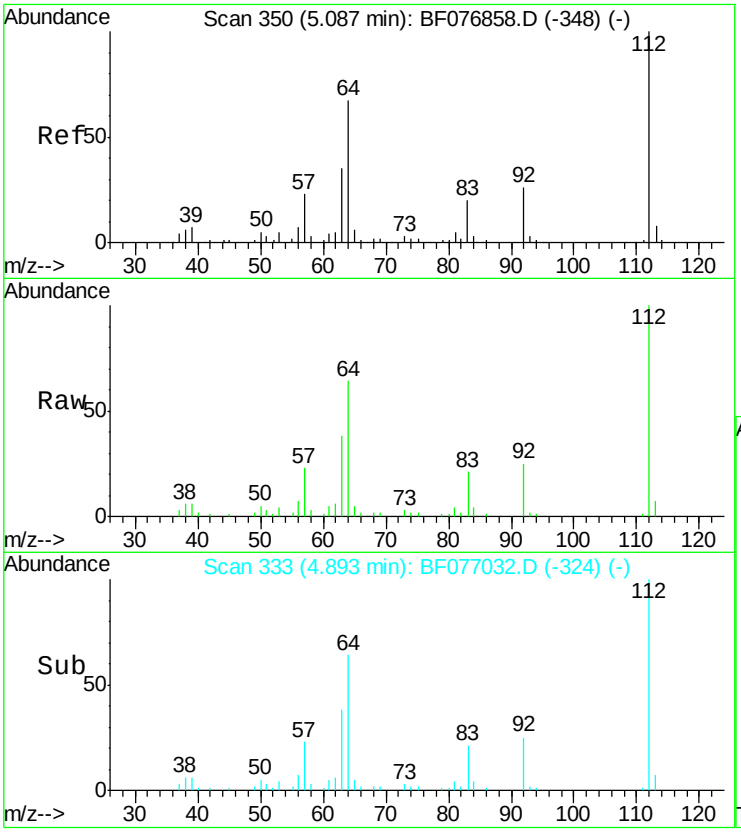


#2
1,4-Dioxane
Concen: 5.09 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion: 88 Resp: 3256

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



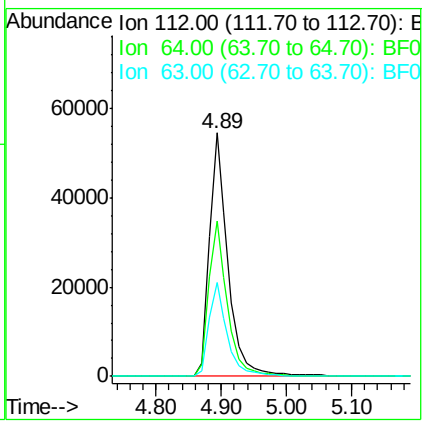


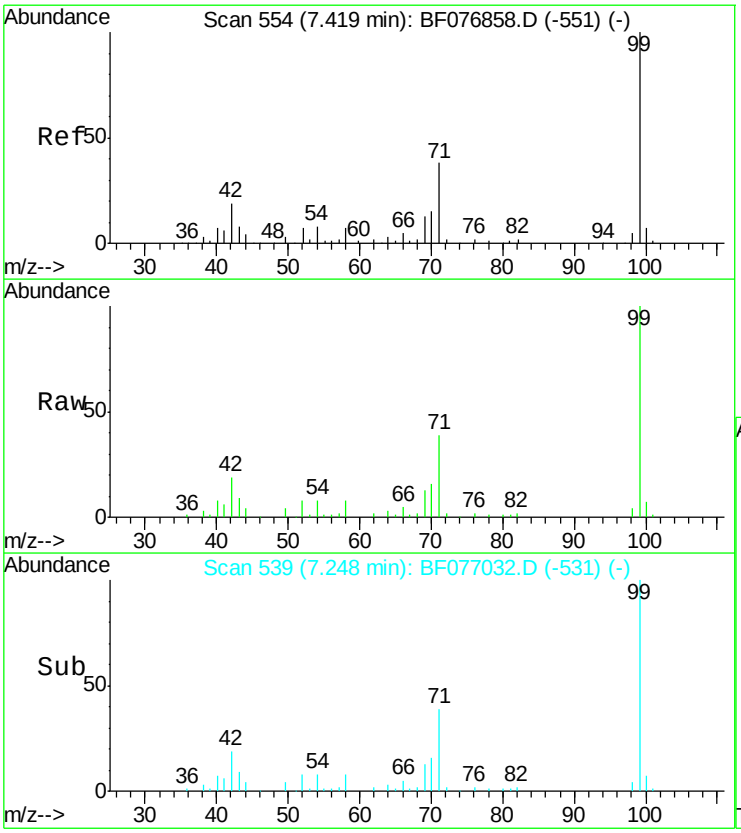
#5
2-Fluorophenol
Concen: 72.86 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 108940

Ion	Ratio	Lower	Upper
112	100		
64	63.7	54.2	81.4
63	38.3	28.4	42.6

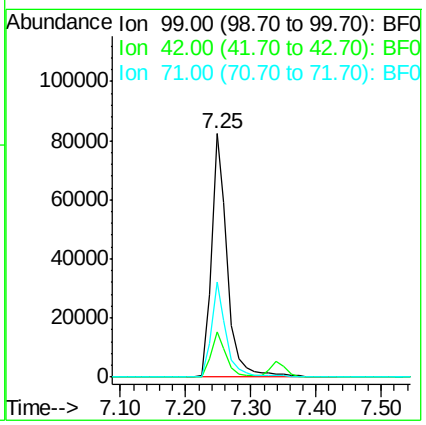


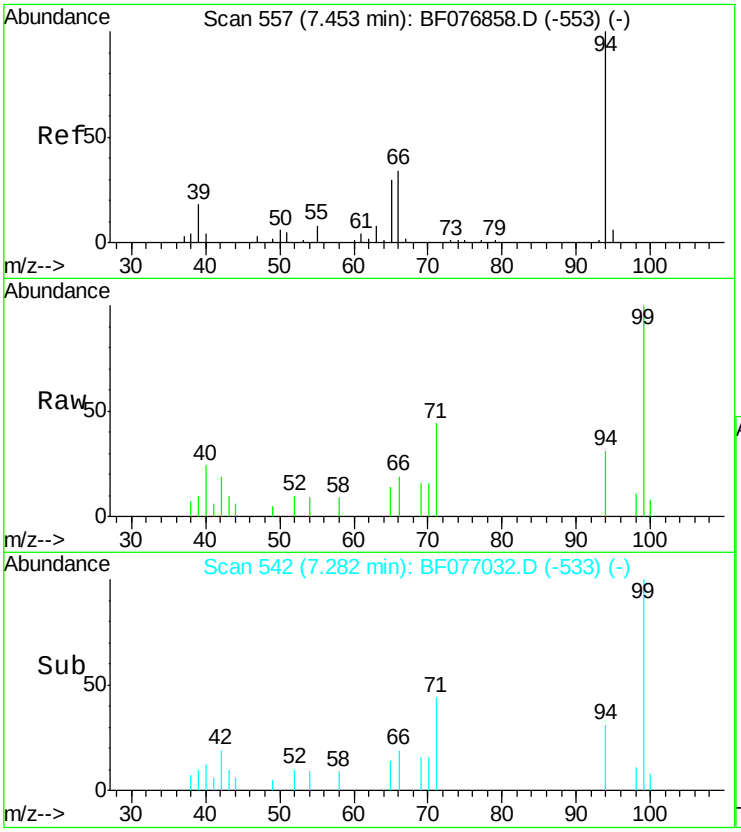


#7
Phenol-d6
Concen: 74.73 ng
RT: 7.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion: 99 Resp: 140954

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	39.0	30.5	45.7



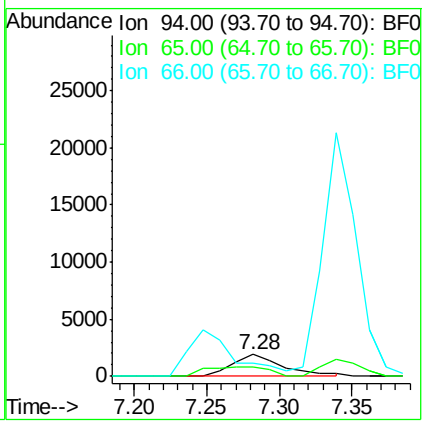


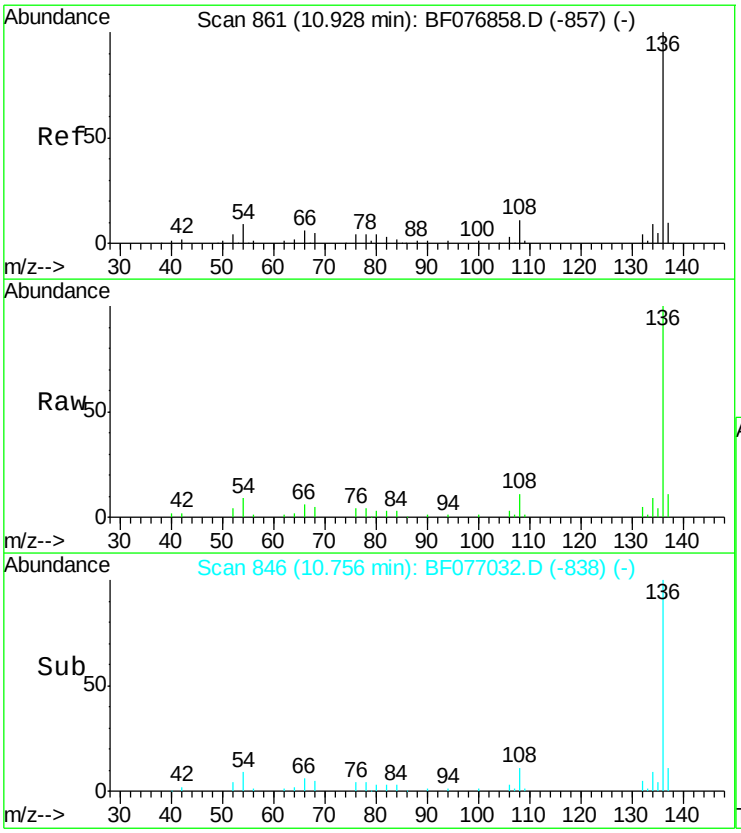
#10
Phenol
Concen: 2.36 ng
RT: 7.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 4718

Ion	Ratio	Lower	Upper
94	100		
65	44.9	11.3	51.3
66	61.3	19.5	59.5#

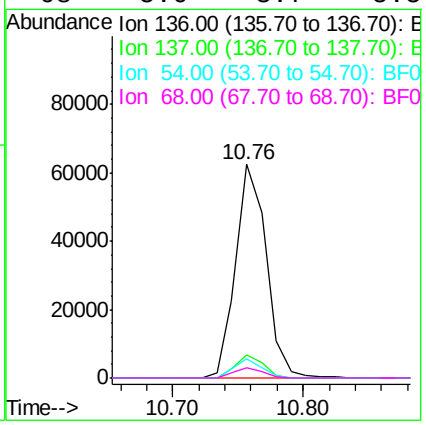


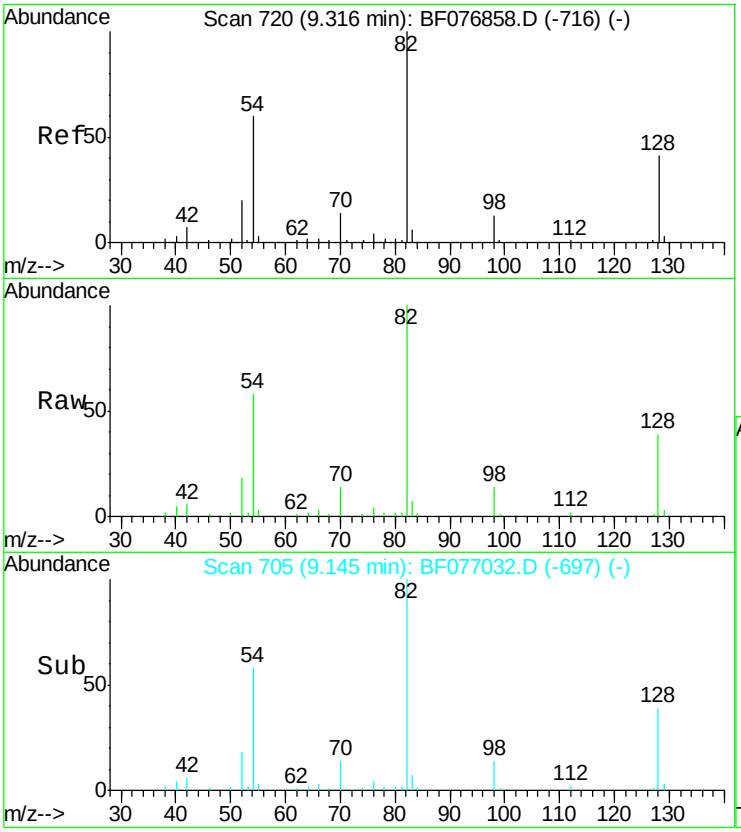


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:136 Resp: 102107

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.1	12.1
54	8.8	7.0	10.4
68	5.0	3.7	5.5



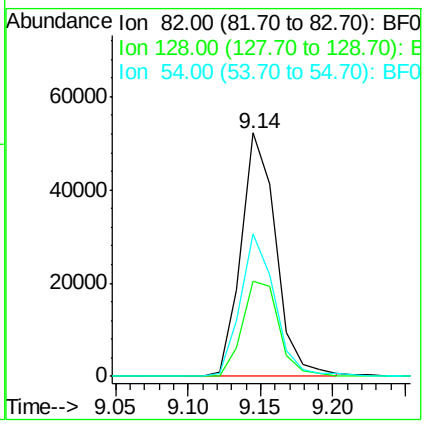


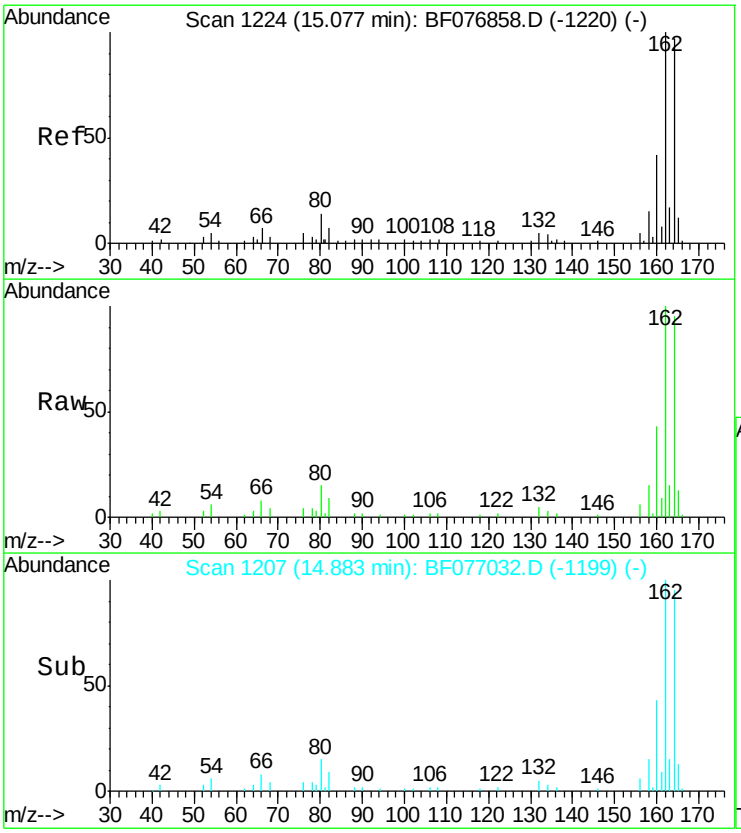
#23
Nitrobenzene-d5
Concen: 47.31 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 87186

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.1	49.7
54	58.4	48.3	72.5

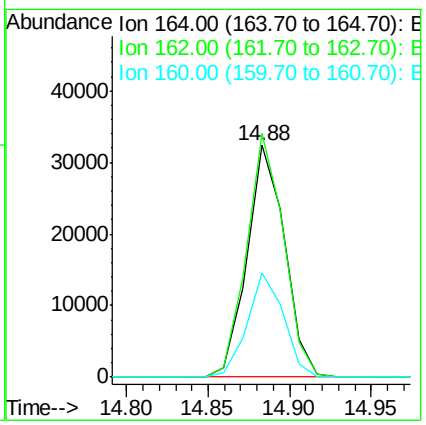


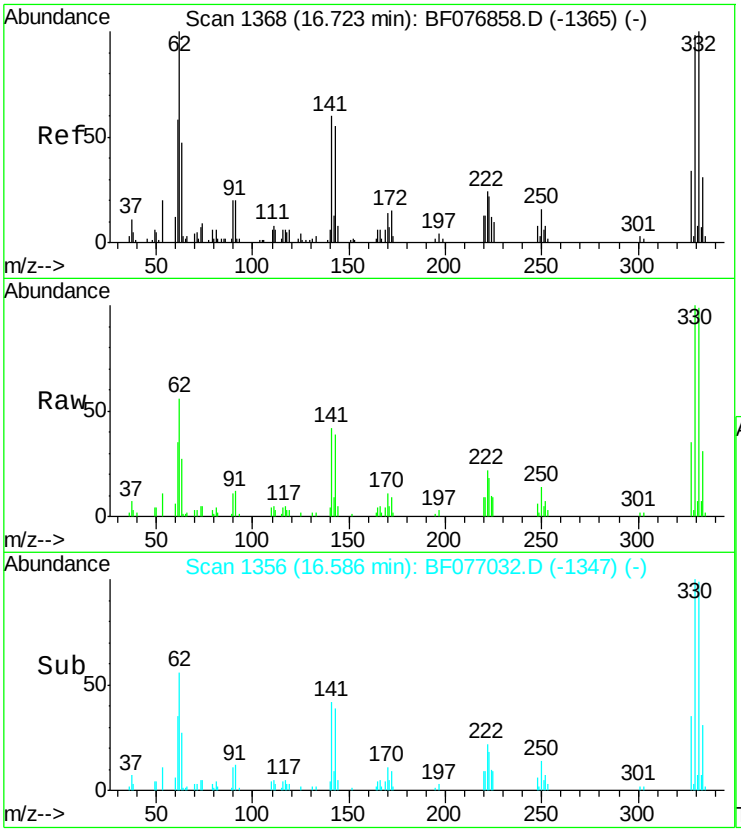


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:164 Resp: 51898

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	45.0	34.8	52.2



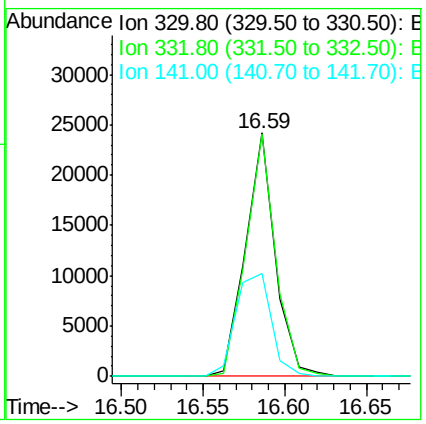


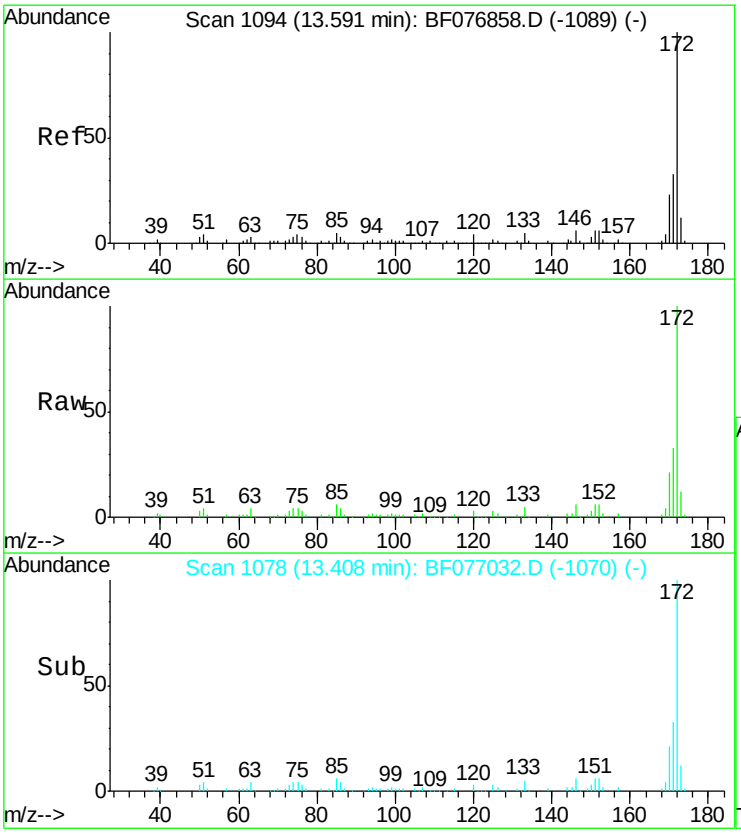
#41
2,4,6-Tribromophenol
Concen: 72.84 ng
RT: 16.59 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 30685

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.6
141	50.2	38.5	57.7

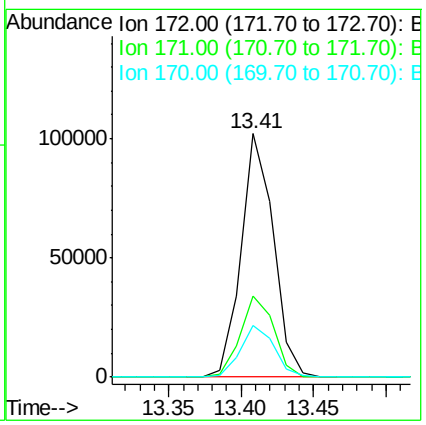


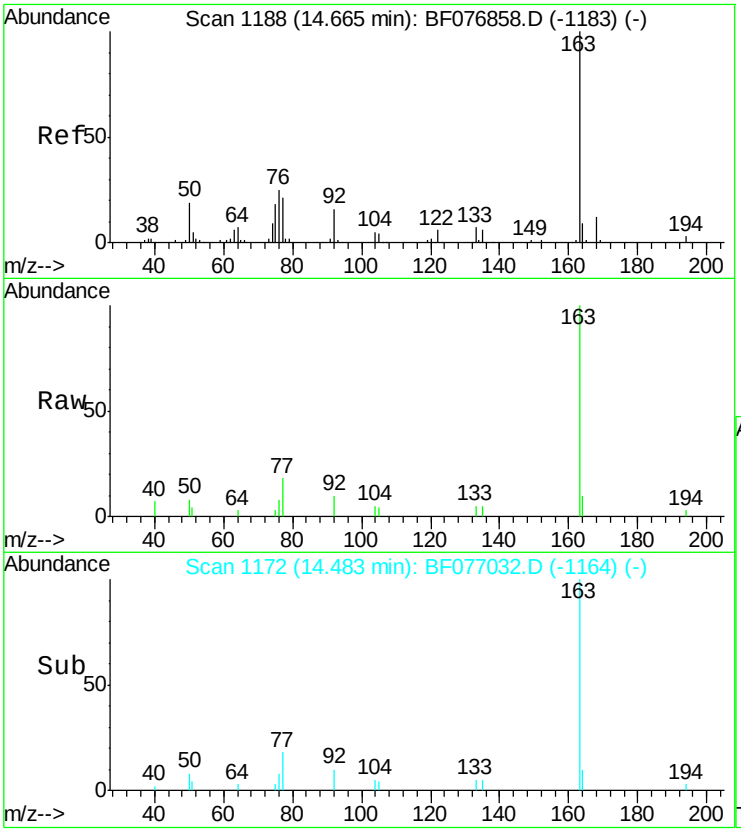


#44
2-Fluorobiphenyl
Concen: 46.23 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:172 Resp: 157647

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.6	40.0
170	21.4	18.0	27.0



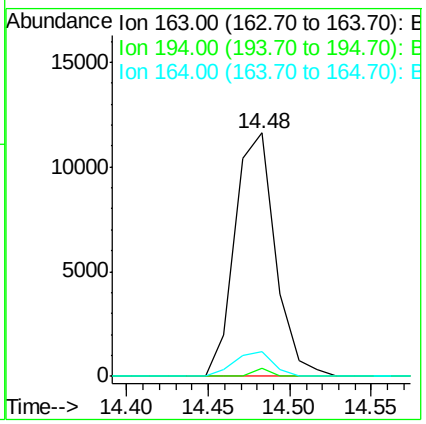


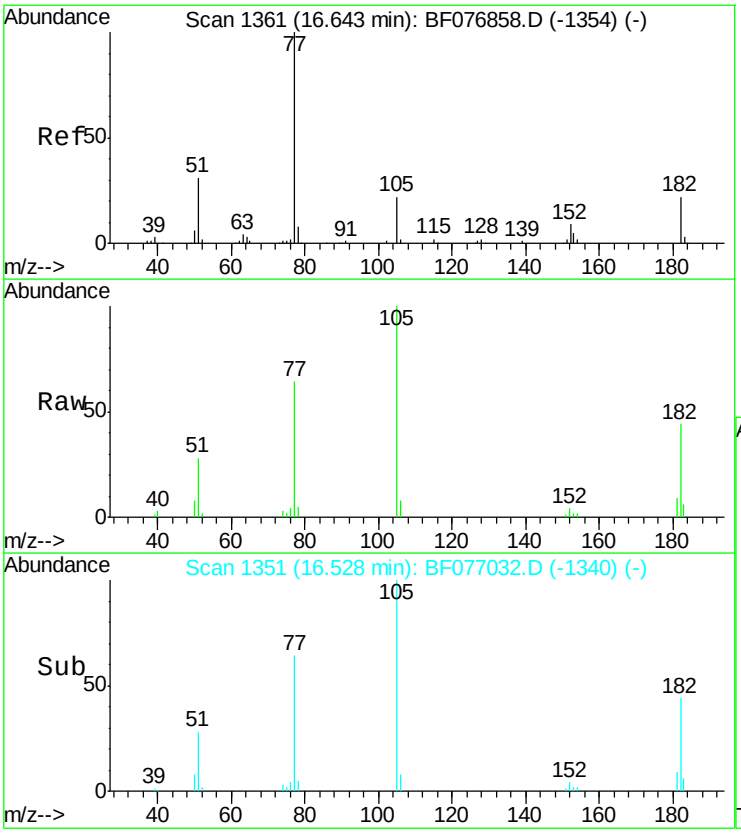
#49
Dimethylphthalate
Concen: 5.41 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19905

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	7.5	11.3

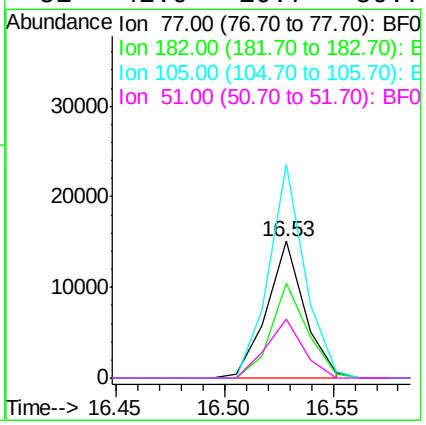


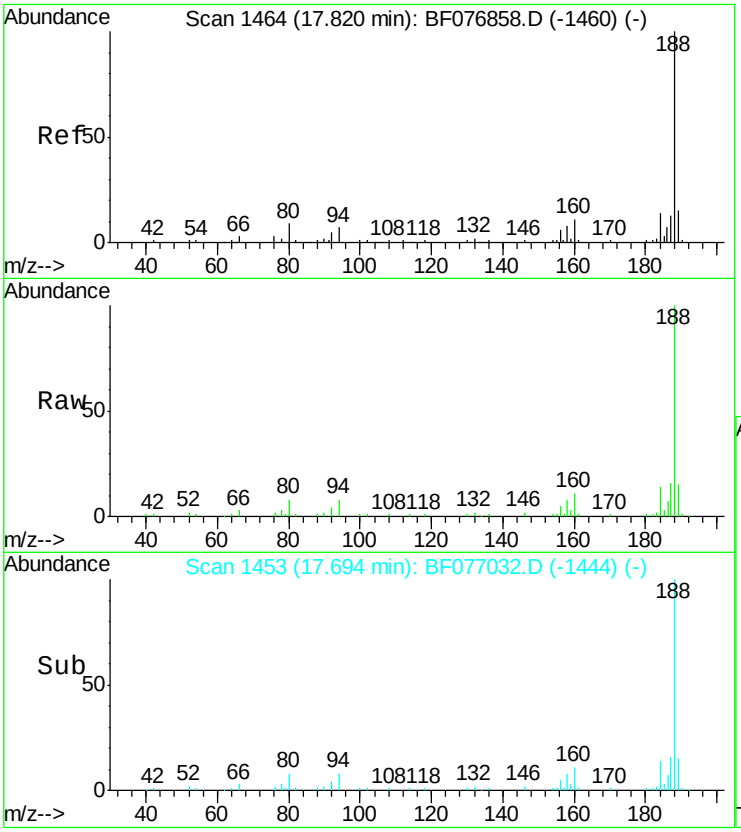


#62
Azobenzene
Concen: 4.76 ng
RT: 16.53 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion: 77 Resp: 18439

Ion	Ratio	Lower	Upper
77	100		
182	69.2	2.0	42.0#
105	156.1	2.3	42.3#
51	42.9	10.7	50.7



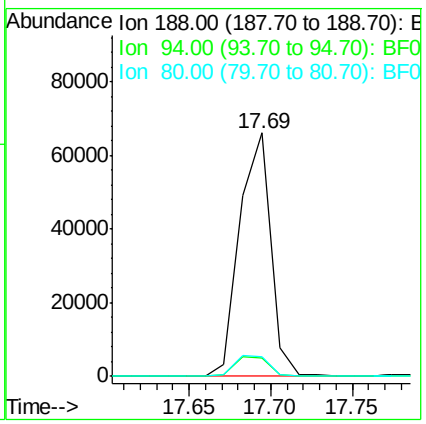


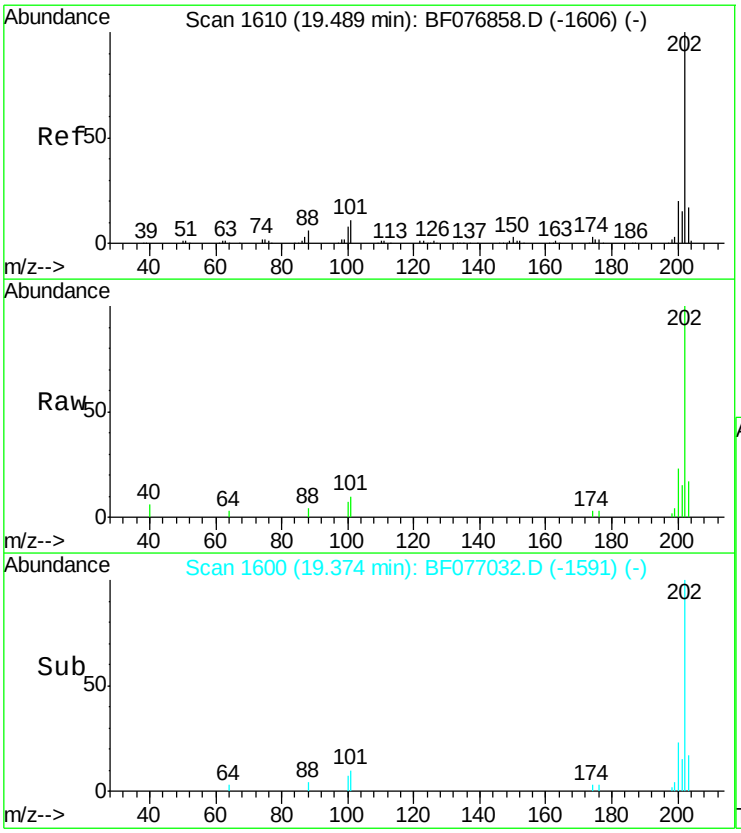
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 87142

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.0	9.0
80	8.3	6.9	10.3

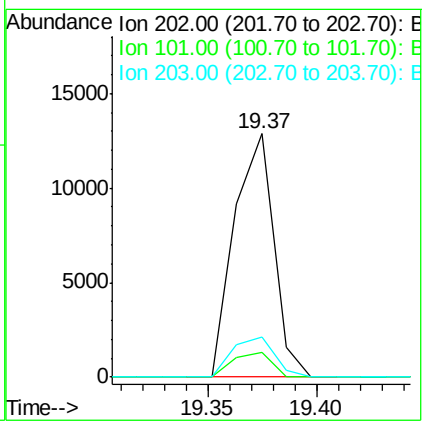


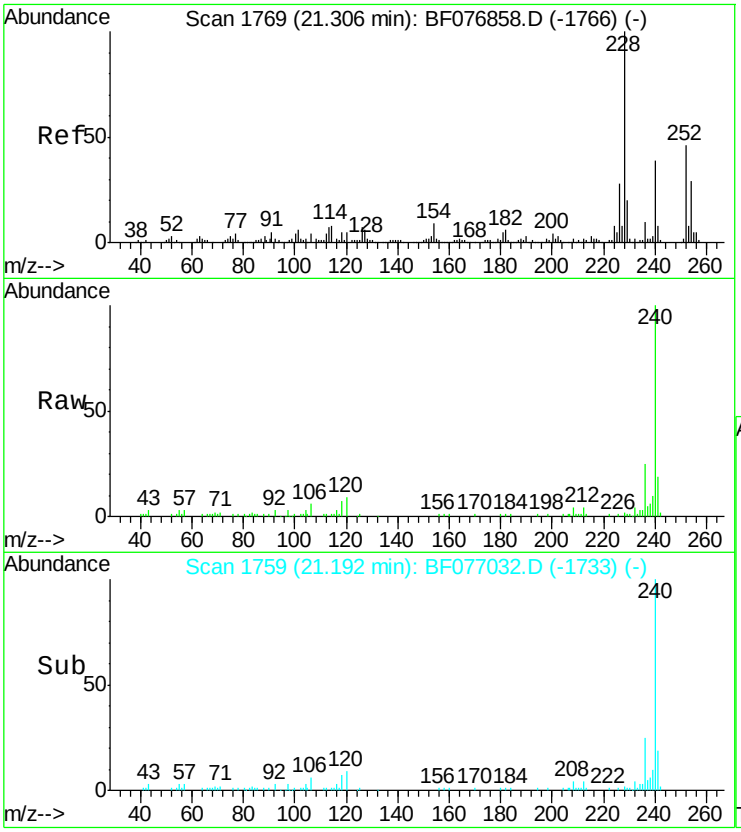


#74
Fluoranthene
Concen: 2.90 ng
RT: 19.37 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:202 Resp: 16175

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.7
203	16.7	0.0	36.9



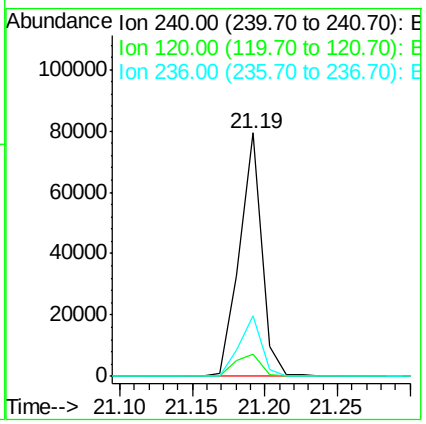


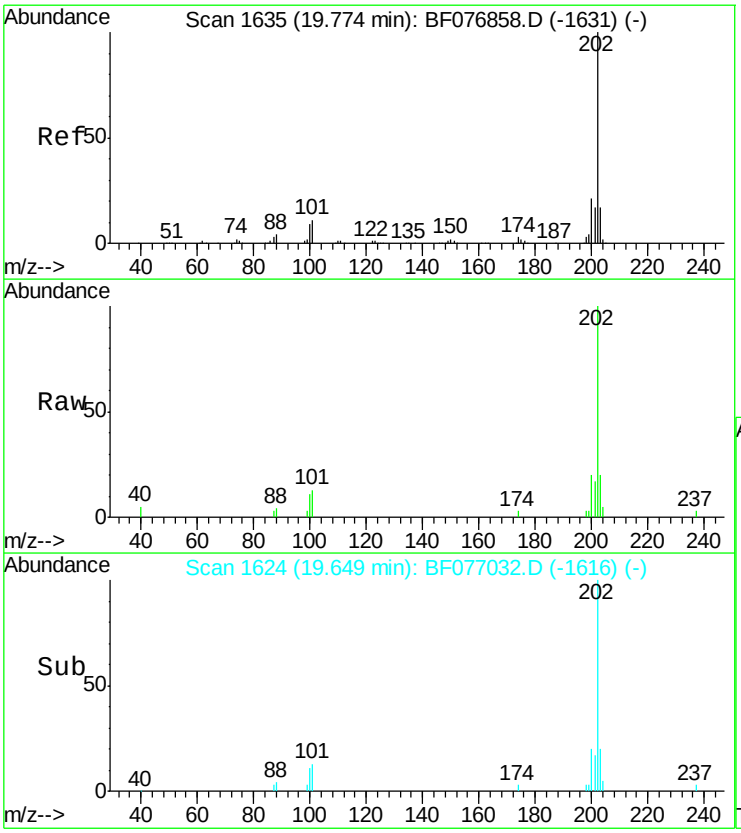
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 85014

Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.4	15.6#
236	25.1	20.2	30.2

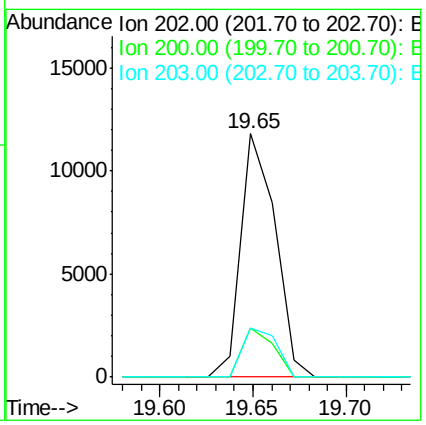


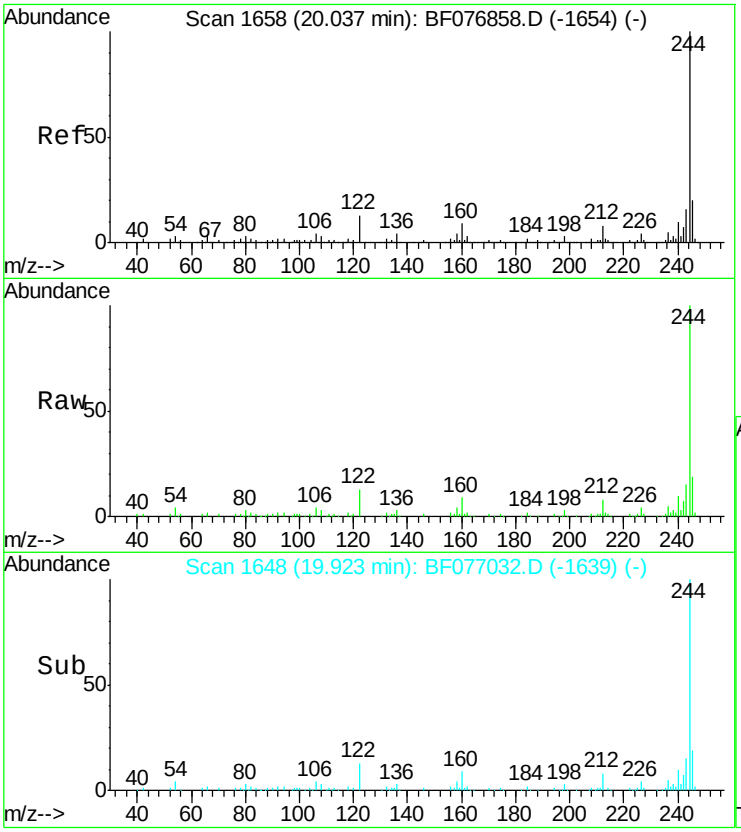


#77
Pyrene
Concen: 2.60 ng
RT: 19.65 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:202 Resp: 15150

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.7	25.1
203	20.2	14.0	21.0



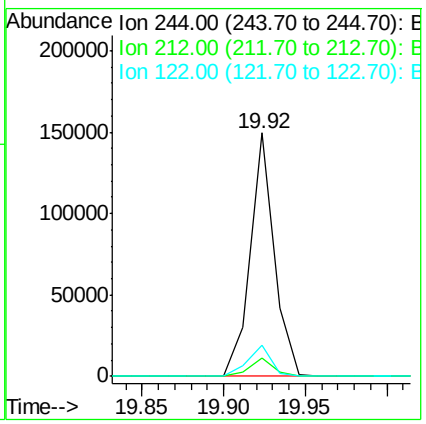


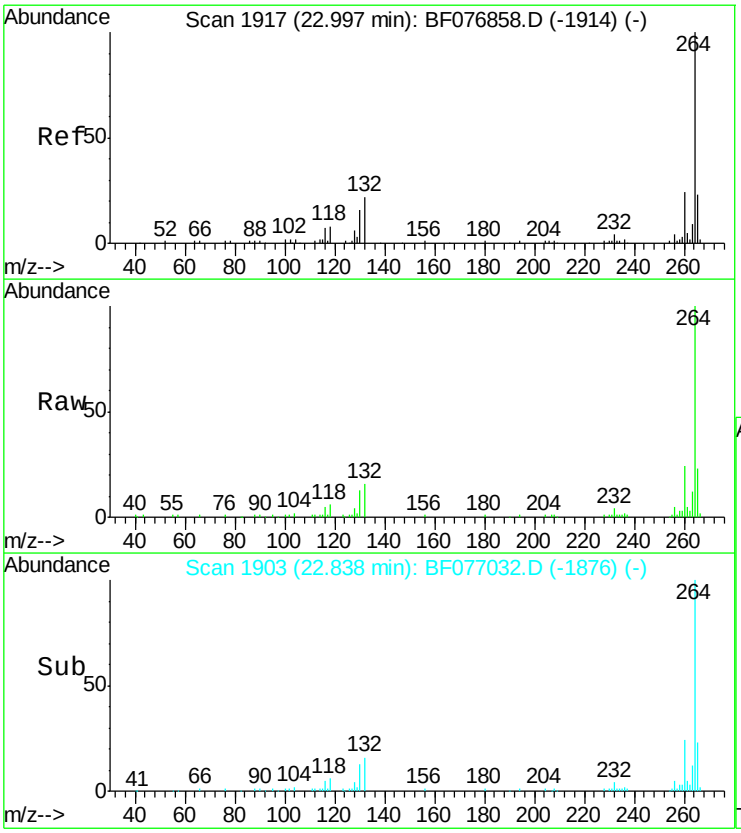
#78
Terphenyl-d14
Concen: 41.35 ng
RT: 19.92 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 152689

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	12.6	10.1	15.1

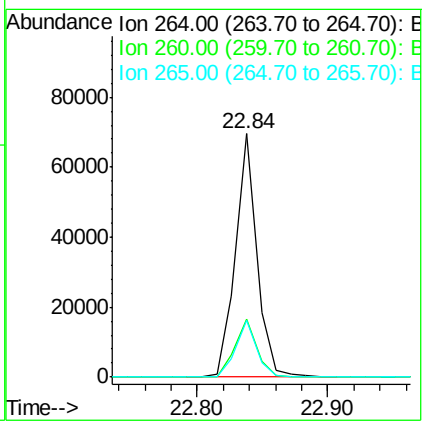


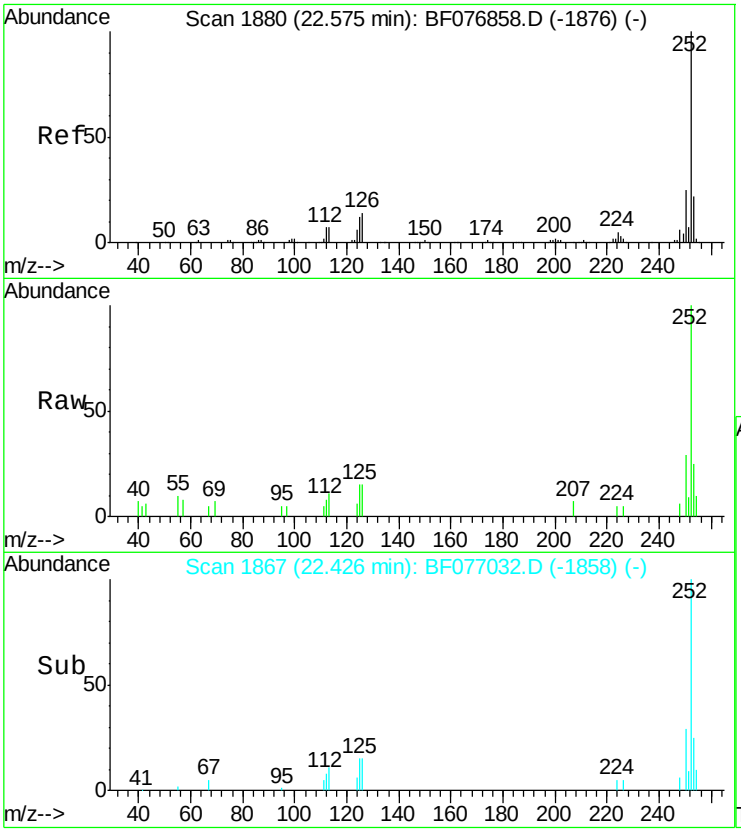


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.84 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:264 Resp: 78997

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	23.2	18.1	27.1



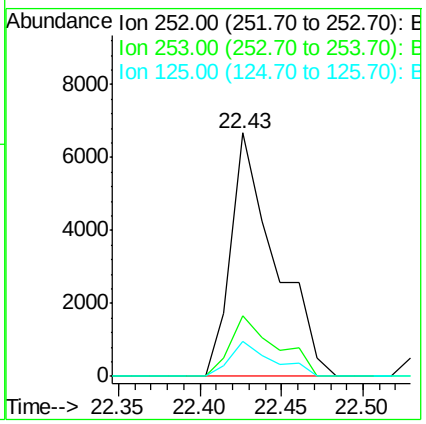


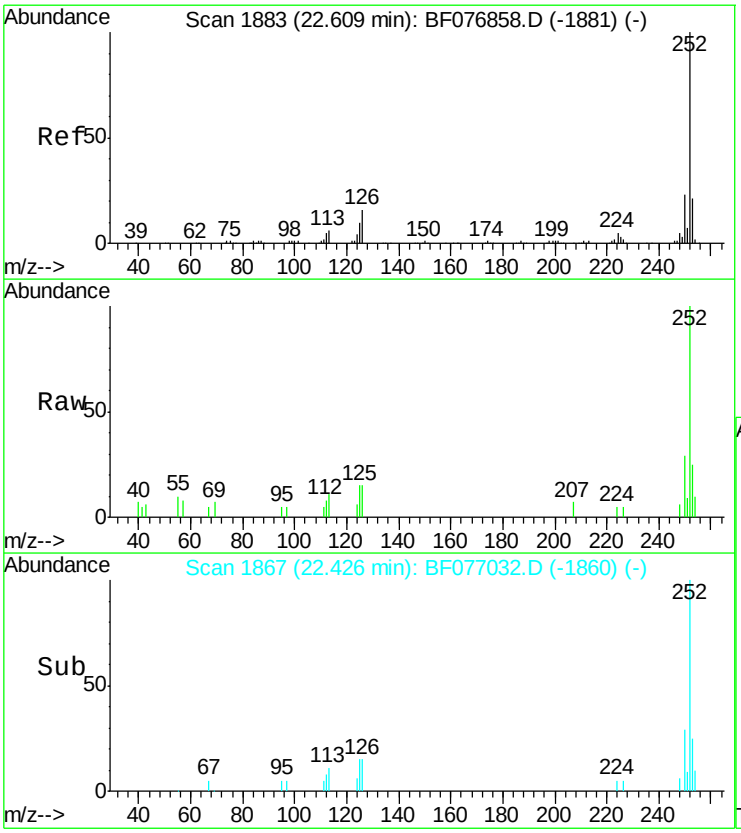
#87
Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 22.43 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 12546

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	14.6	9.4	14.0#





#88
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 22.43 min Scan# 1867
Delta R.T. -0.02 min
Lab File: BF077032.D
Acq: 23 Jan 2015 5:08

Tgt Ion:252 Resp: 12547

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	14.6	7.1	10.7#