Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
Data File : BF077107.D
Acq On : 28 Jan 2015 18:04
Operator : TP/IZ
Sample : G1139-04DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 01:06:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25971	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107113	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	53534	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	89451	20.00	ng	0.00
75) Chrysene-d12	21.10	240	86819	20.00	ng	0.00
86) Perylene-d12	22.76	264	79089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	14165	8.97	ng	0.01
7) Phenol-d6	7.14	99	18822	9.45	ng	0.00
23) Nitrobenzene-d5	9.02	82	12230	6.33	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	3816	8.78	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	24390	6.93	ng	0.00
78) Terphenyl-d14	19.83	244	22568	5.98	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	676	Below Cal	#	1
22) Acetophenone	8.68	105	14379	5.48	ng	# 56
31) Naphthalene	10.68	128	40165	7.28	ng	# 93
37) 2-Methylnaphthalene	12.33	142	98399	26.13	ng	98
45) 1,1'-Biphenyl	13.49	154	10814	2.72	ng	98
47) 2-Nitroaniline	13.84	65	3133	3.16	ng	# 11
55) 4-Nitrophenol	15.42	139	3064	5.15	ng	# 49
56) 2,4-Dinitrotoluene	15.42	165	2386	4.12	ng	# 50
57) Fluorene	16.00	166	9510	2.47	ng	# 78
65) n-Nitrosodiphenylamine	16.38	169	7303	2.29	ng	# 40
70) Phenanthrene	17.63	178	30384	5.45	ng	99

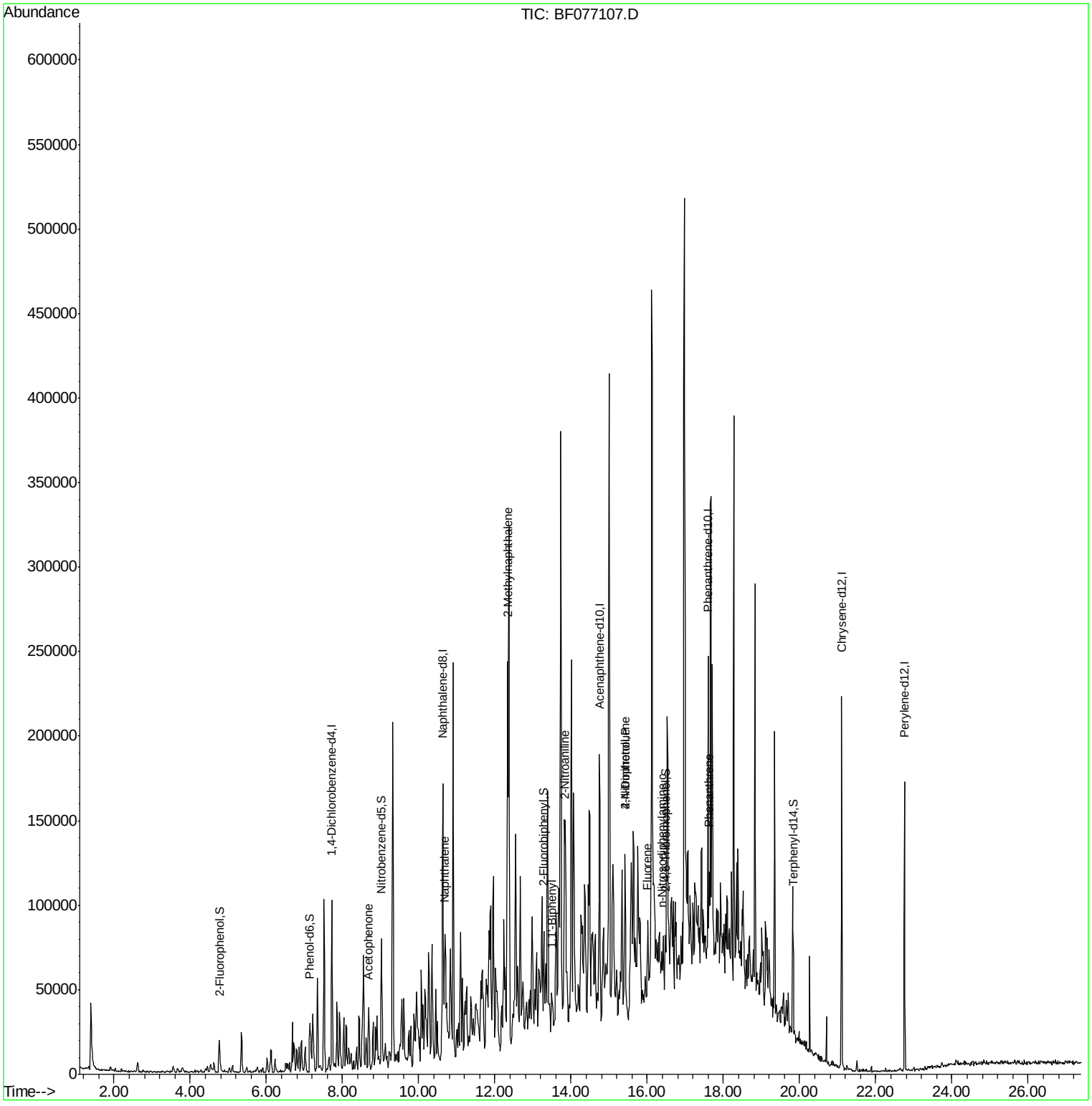
(#) = qualifier out of range (m) = manual integration (+) = signals summed

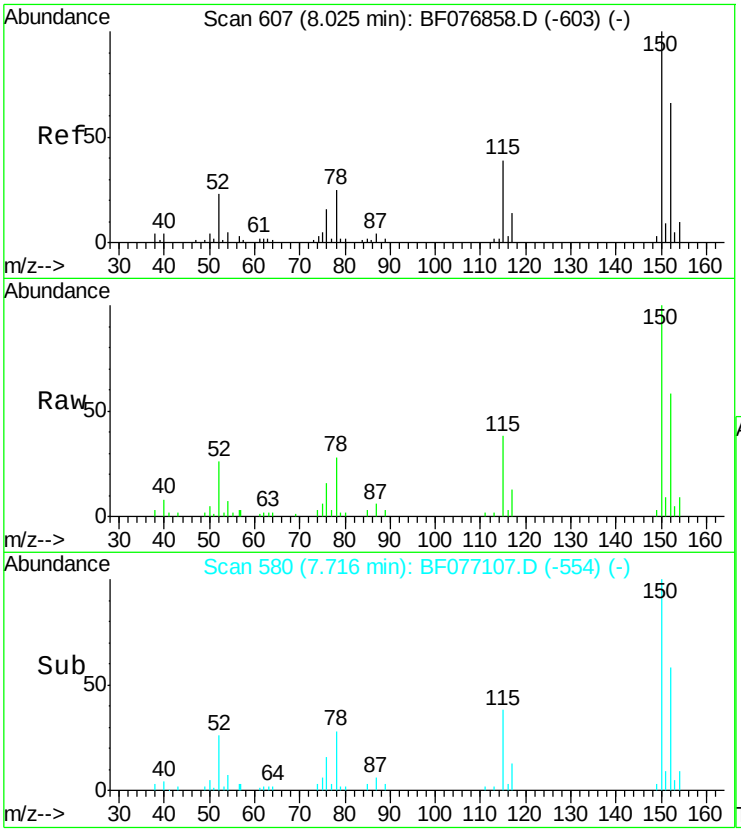
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
Data File : BF077107.D
Acq On : 28 Jan 2015 18:04
Operator : TP/IZ
Sample : G1139-04DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 29 01:06:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration



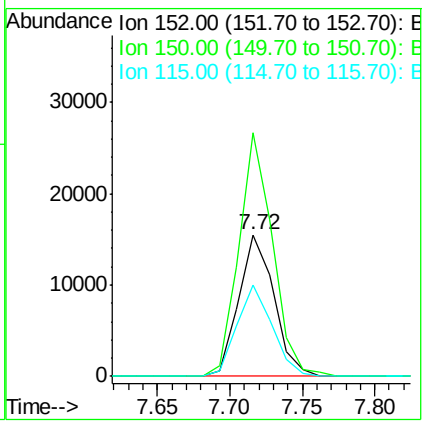


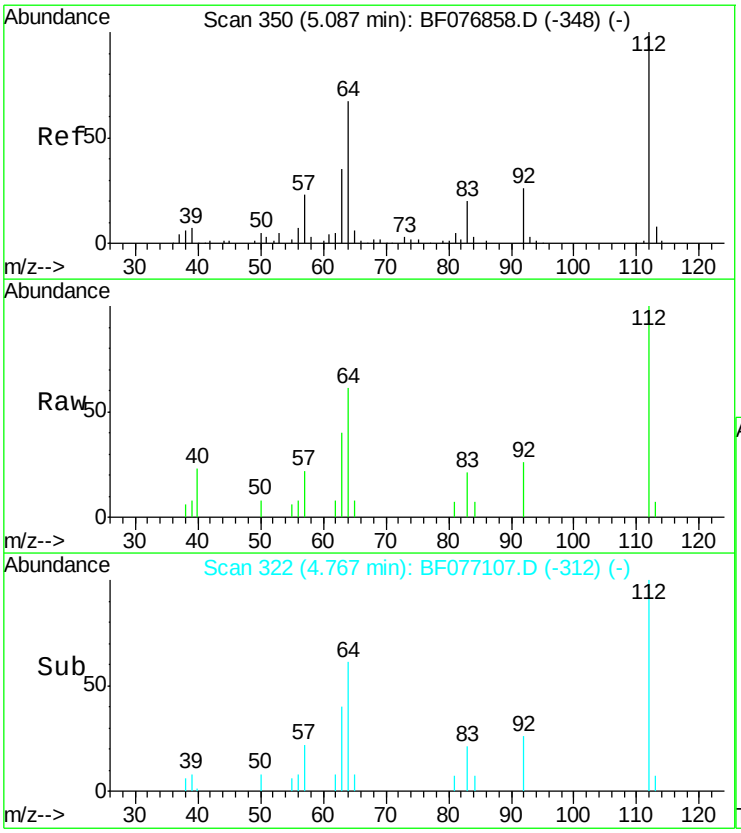
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 25971

Ion	Ratio	Lower	Upper
152	100		
150	171.8	121.7	182.5
115	64.7	47.0	70.6

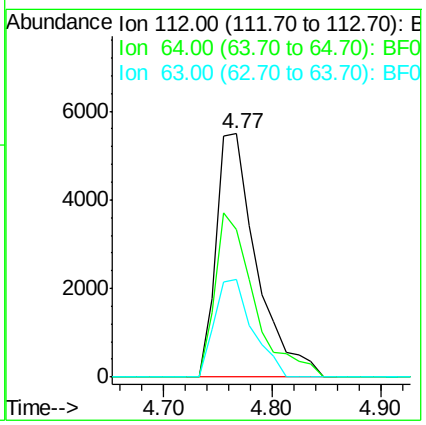


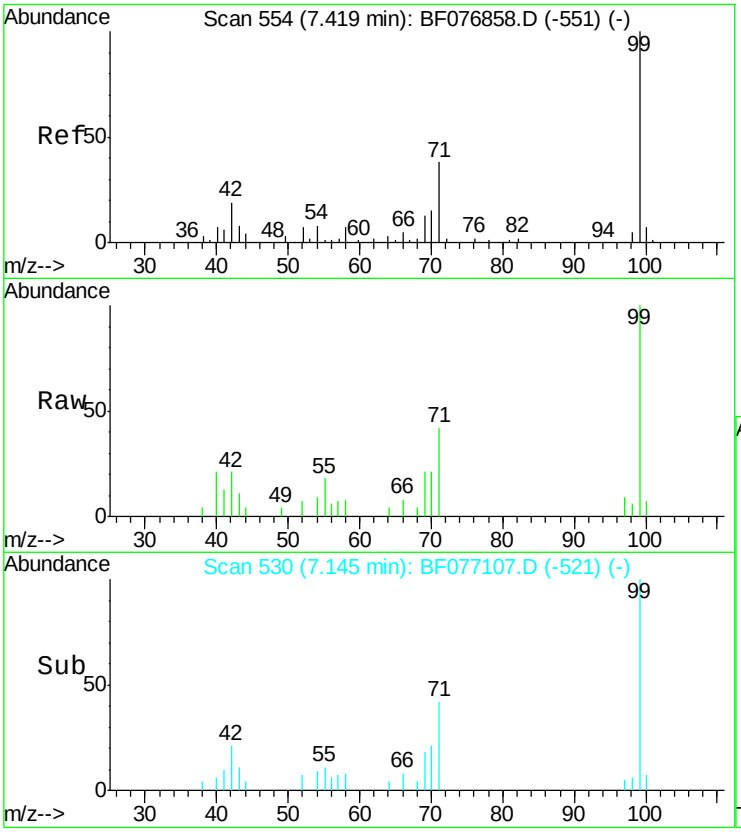


#5
2-Fluorophenol
Concen: 8.97 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:112 Resp: 14165

Ion	Ratio	Lower	Upper
112	100		
64	60.8	54.2	81.4
63	40.4	28.4	42.6



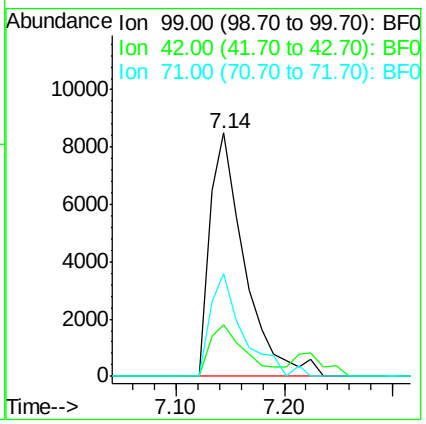


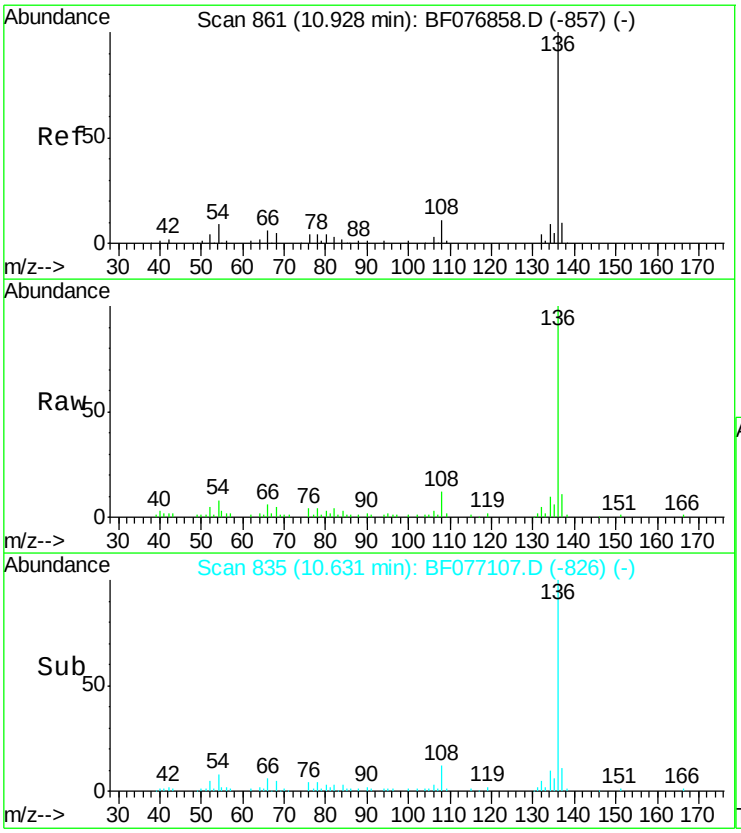
#7
Phenol-d6
Concen: 9.45 ng
RT: 7.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 18822

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.0	22.4
71	42.3	30.5	45.7

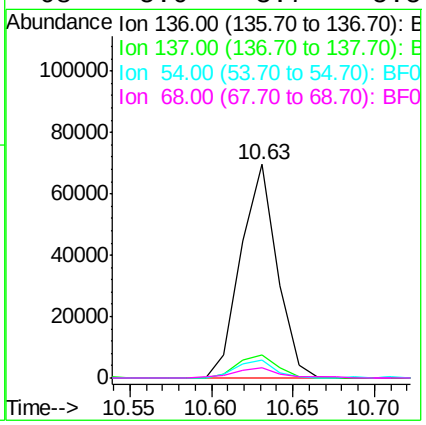


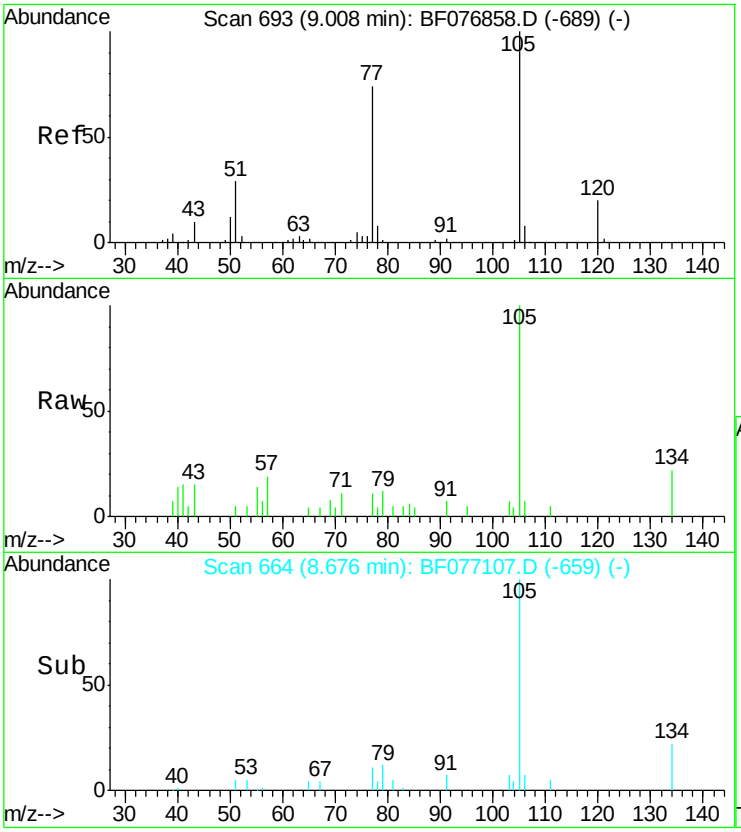


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:136 Resp: 107113

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	8.3	7.0	10.4
68	5.0	3.7	5.5



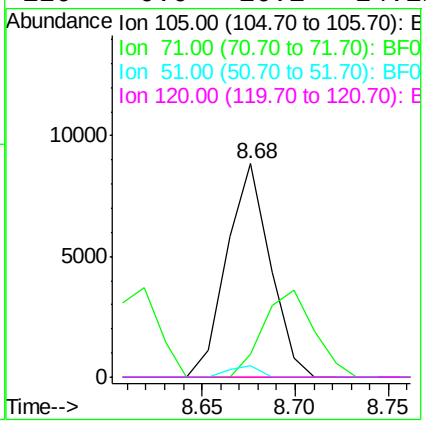


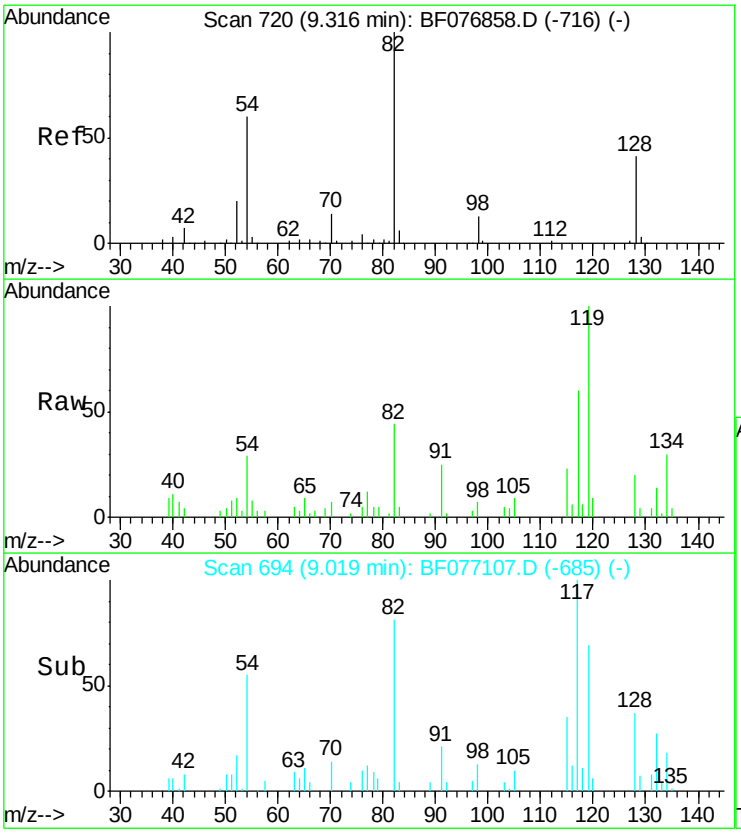
#22
Acetophenone
Concen: 5.48 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 14379

Ion	Ratio	Lower	Upper
105	100		
71	11.0	0.0	0.0#
51	5.1	23.3	34.9#
120	0.0	16.1	24.1#

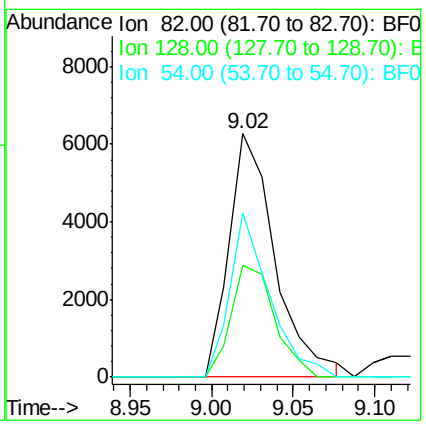


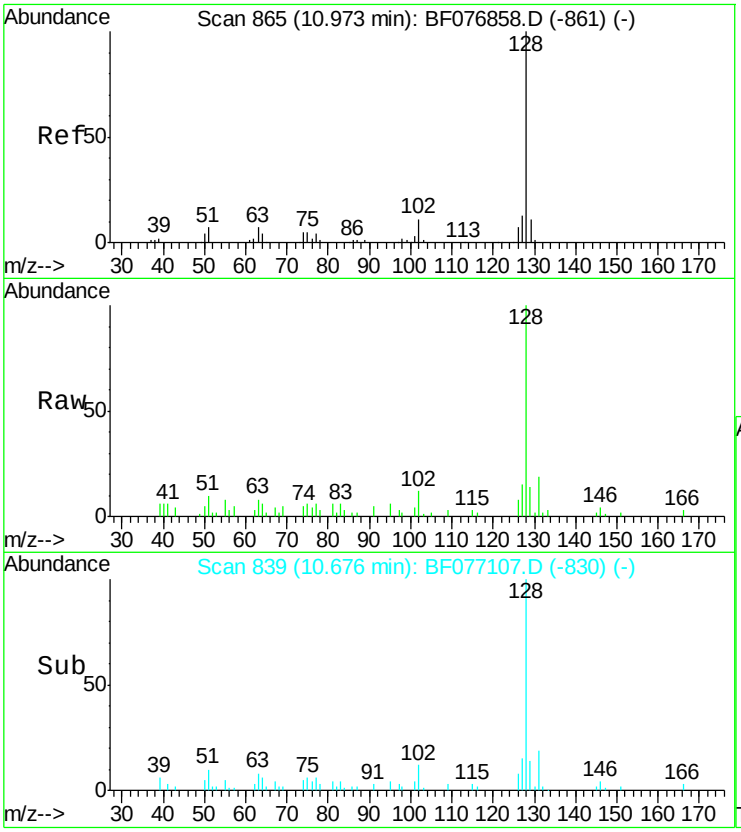


#23
Nitrobenzene-d5
Concen: 6.33 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion: 82 Resp: 12230

Ion	Ratio	Lower	Upper
82	100		
128	45.9	33.1	49.7
54	67.5	48.3	72.5



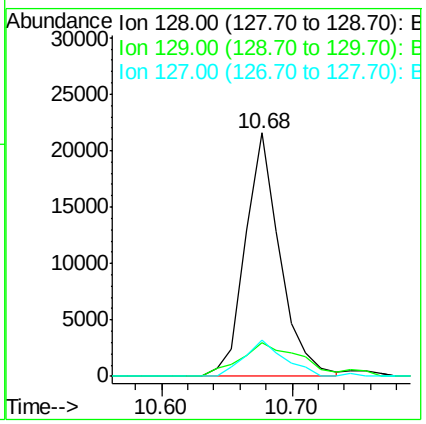


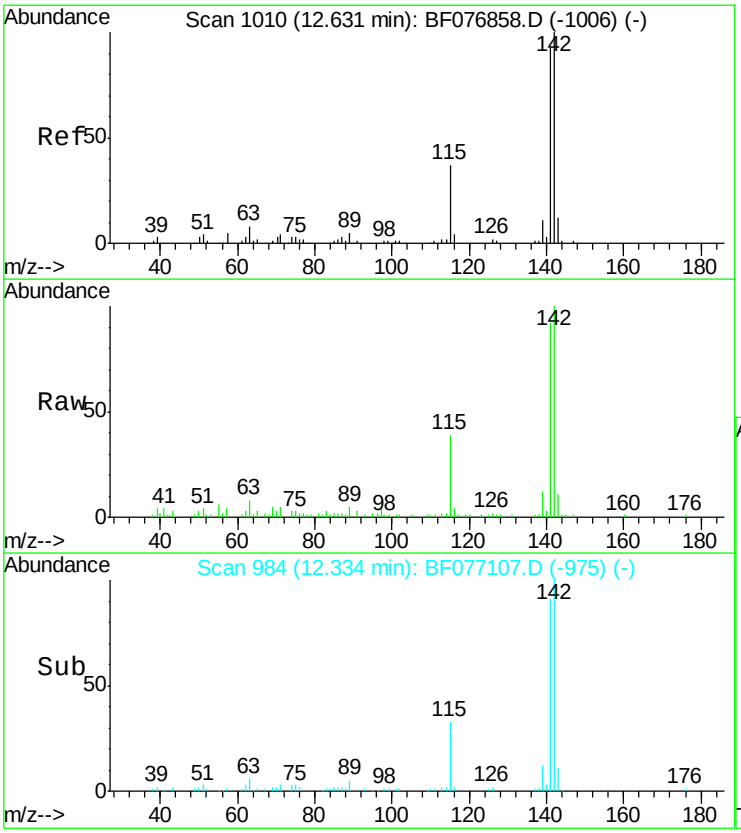
#31
Naphthalene
Concen: 7.28 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 40165

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.0	13.6#
127	15.2	10.2	15.2

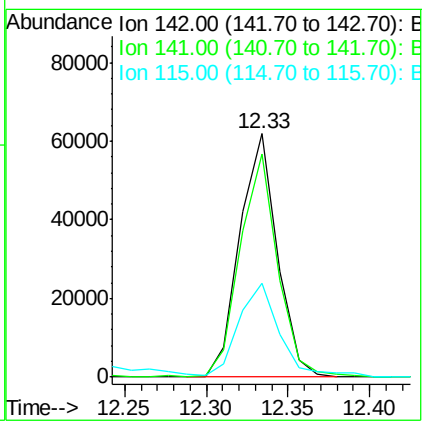


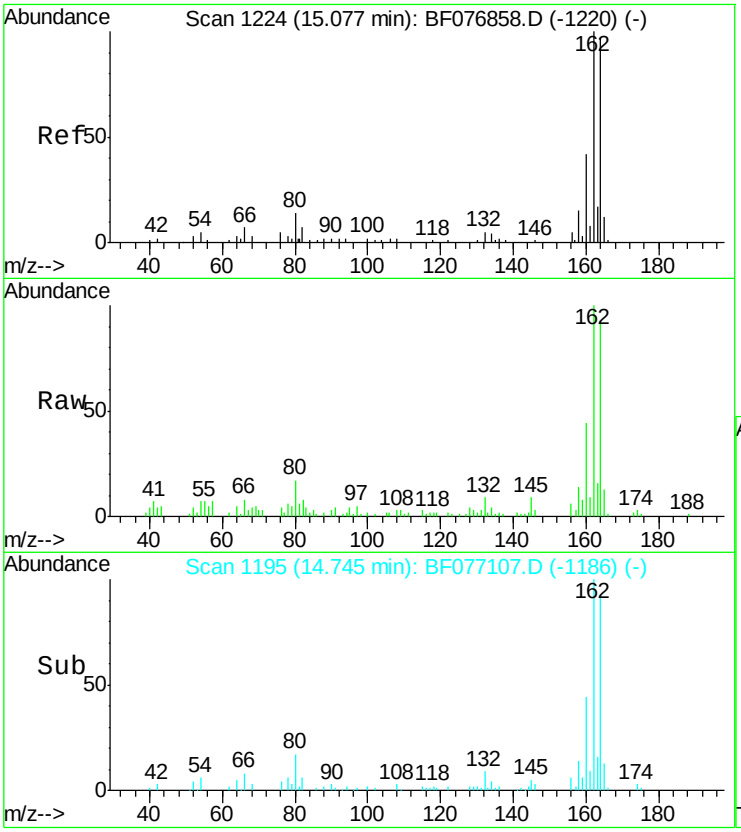


#37
2-Methylnaphthalene
Concen: 26.13 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:142 Resp: 98399

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.5	111.7
115	38.6	29.7	44.5



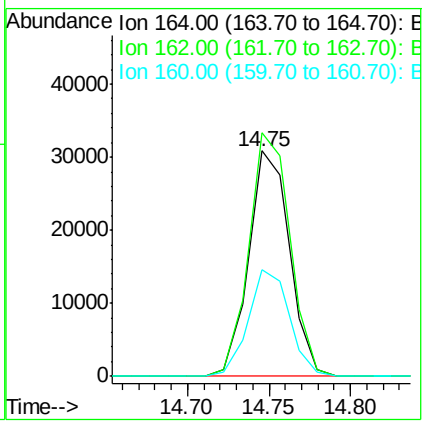


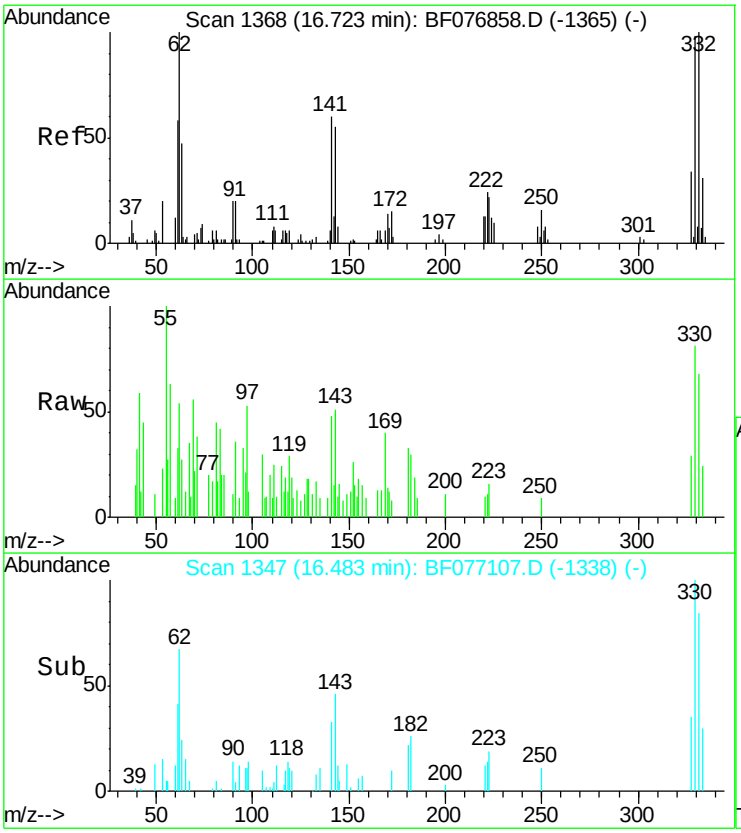
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 53534

Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.4	123.6
160	47.1	34.8	52.2

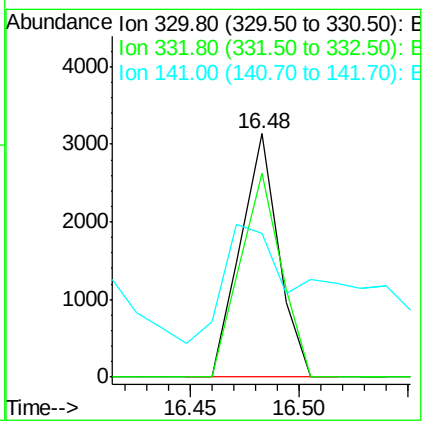


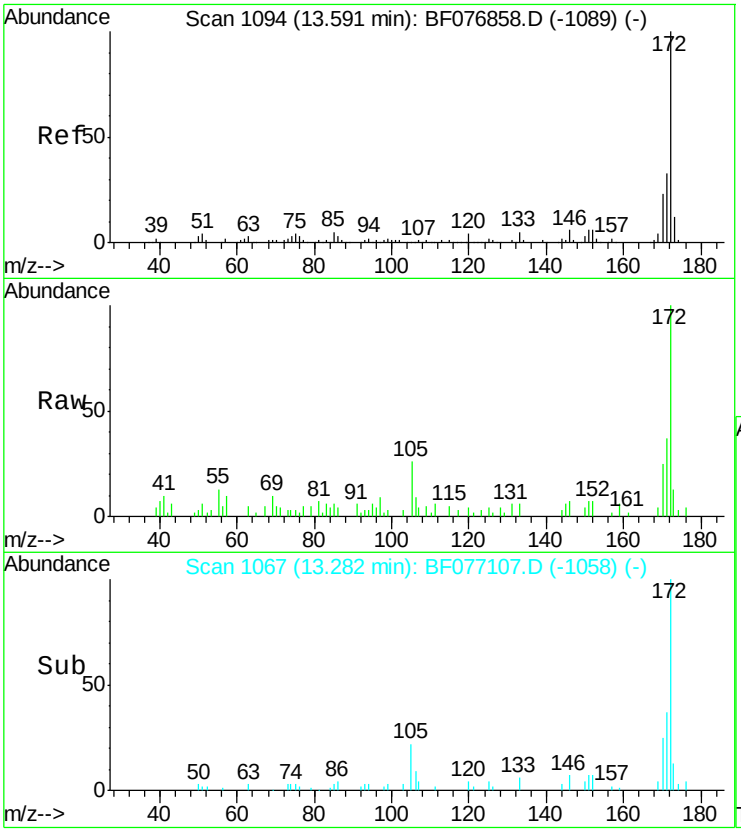


#41
2,4,6-Tribromophenol
Concen: 8.78 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:330 Resp: 3816

Ion	Ratio	Lower	Upper
330	100		
332	90.8	77.8	116.6
141	111.4	38.5	57.7#



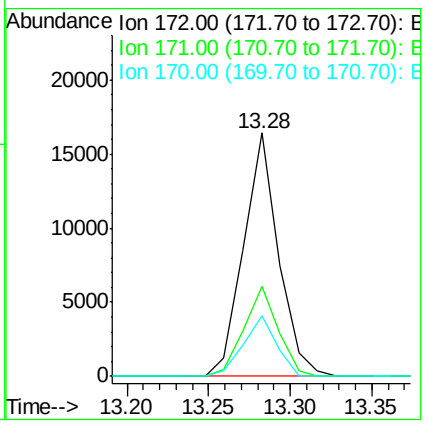


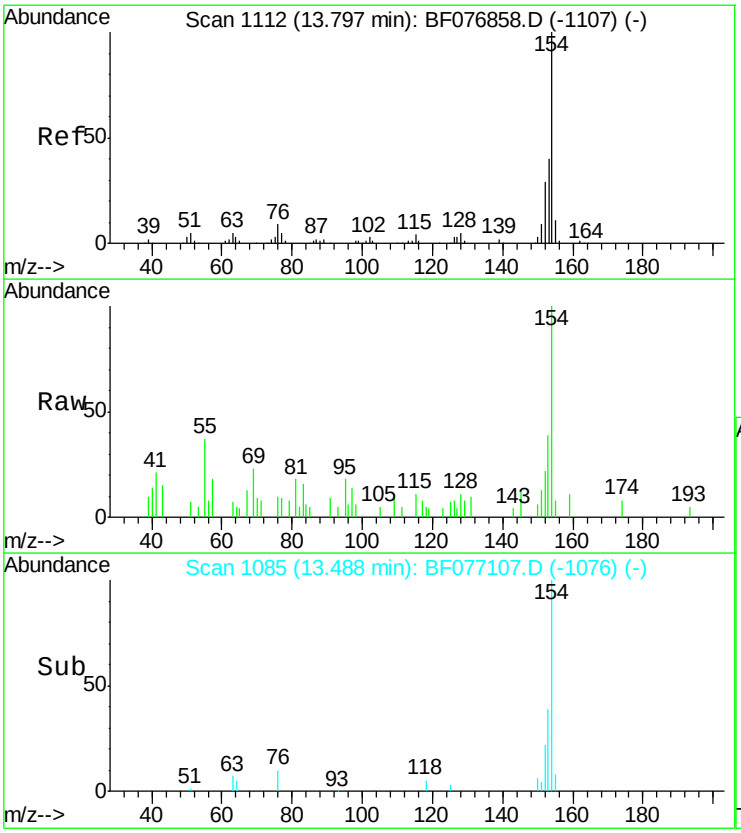
#44
2-Fluorobiphenyl
Concen: 6.93 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 24390

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	40.0
170	25.1	18.0	27.0

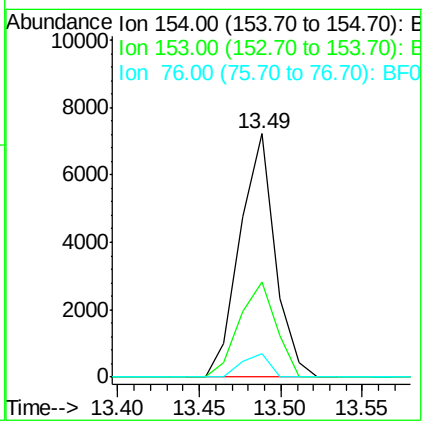


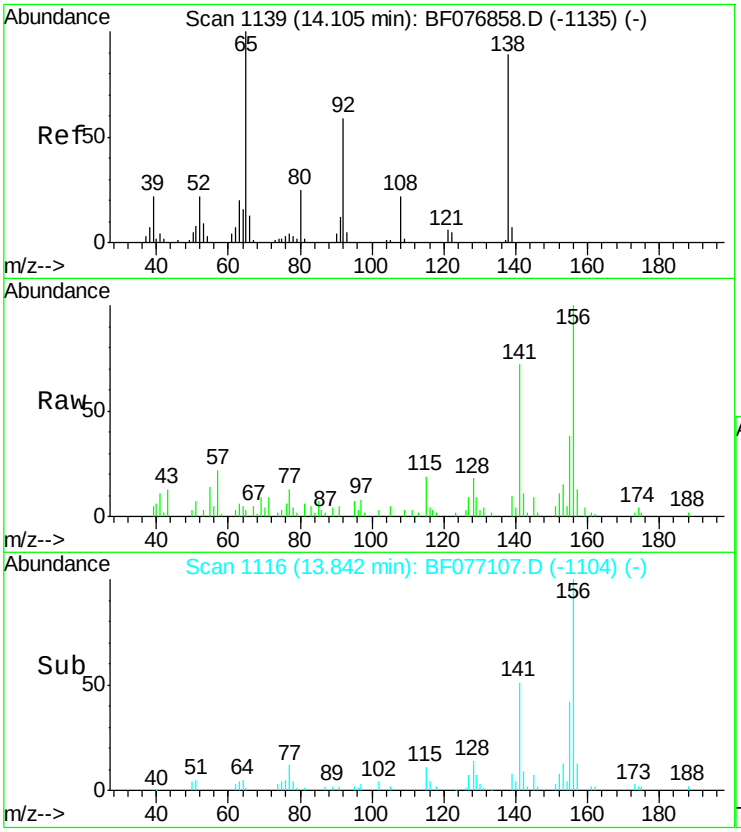


#45
1,1'-Biphenyl
Concen: 2.72 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:154 Resp: 10814

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.2	60.2
76	9.8	0.0	29.0



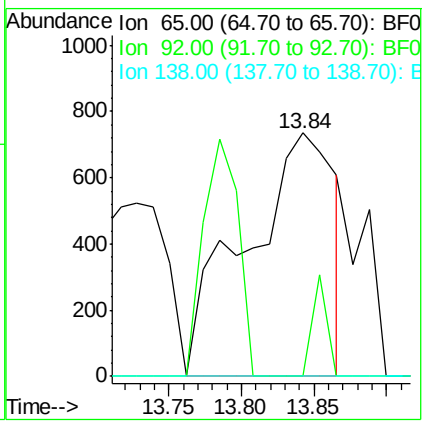


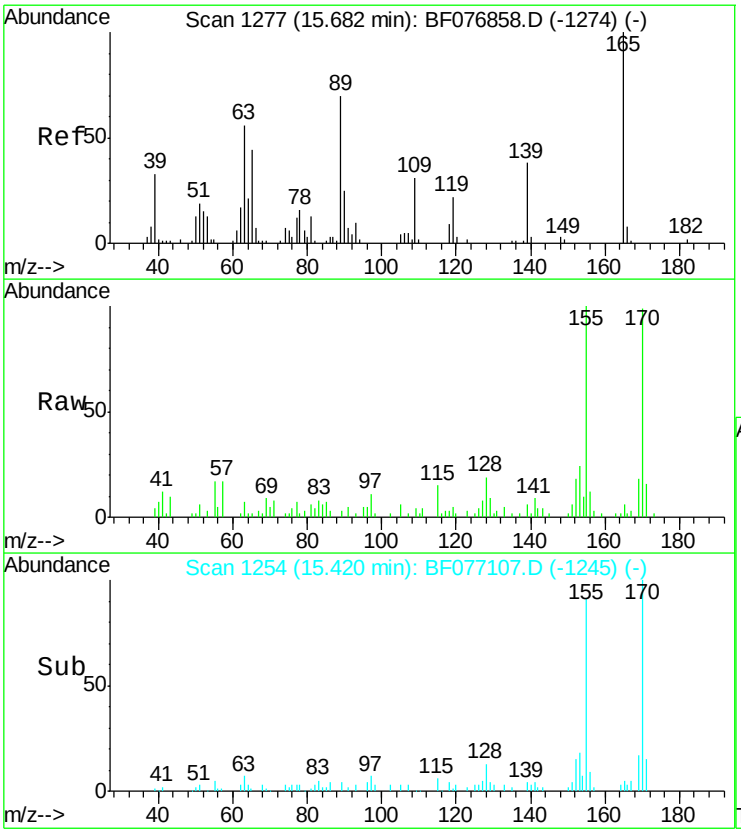
#47
2-Nitroaniline
Concen: 3.16 ng
RT: 13.84 min Scan# 1116
Delta R.T. 0.03 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3133

Ion	Ratio	Lower	Upper
65	100		
92	0.0	47.3	70.9#
138	0.0	71.4	107.2#

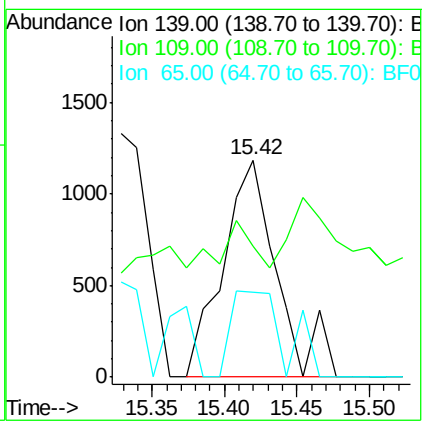


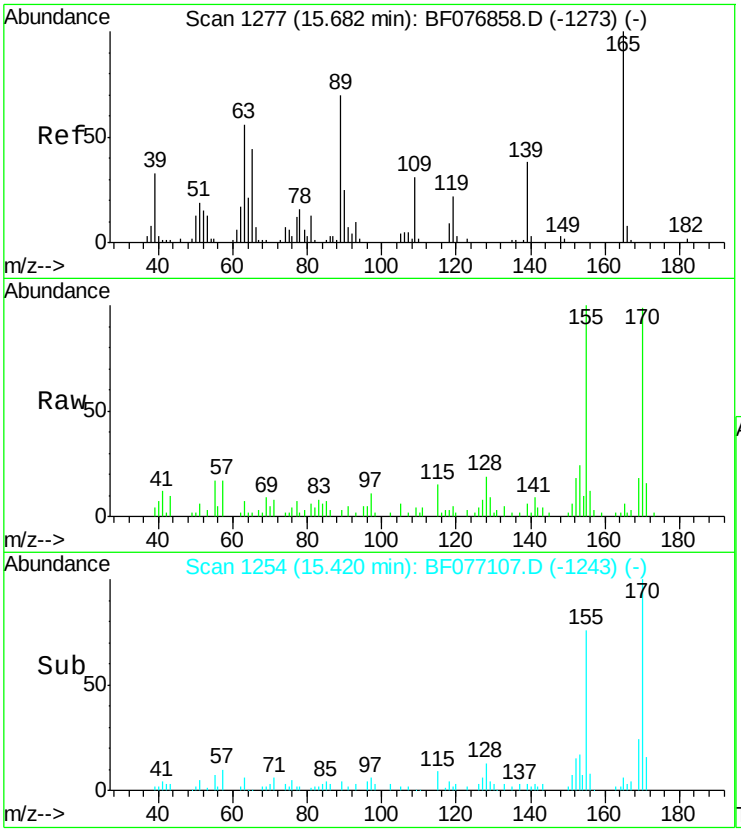


#55
4-Nitrophenol
Concen: 5.15 ng
RT: 15.42 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:139 Resp: 3064

Ion	Ratio	Lower	Upper
139	100		
109	60.6	61.0	101.0#
65	39.2	96.6	136.6#



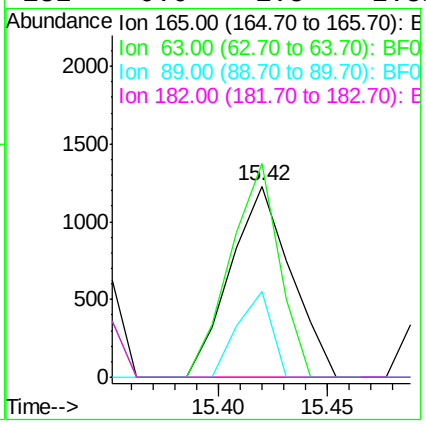


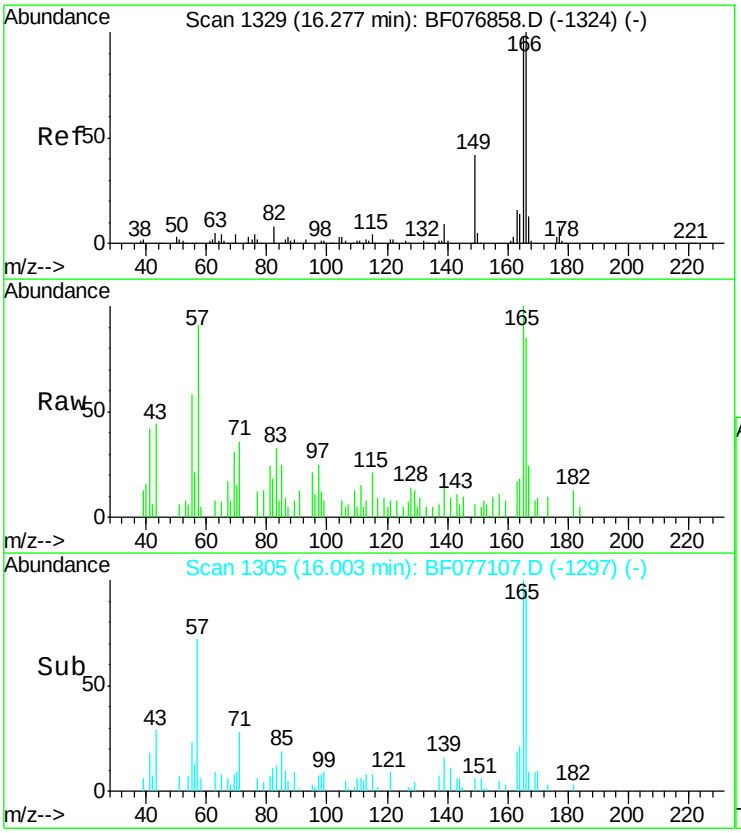
#56
2,4-Dinitrotoluene
Concen: 4.12 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2386

Ion	Ratio	Lower	Upper
165	100		
63	112.0	44.8	67.2#
89	45.0	56.2	84.2#
182	0.0	1.5	2.3#

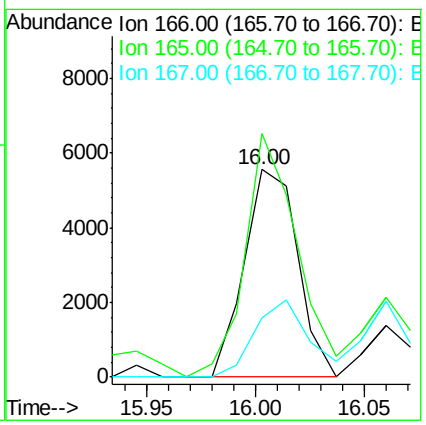


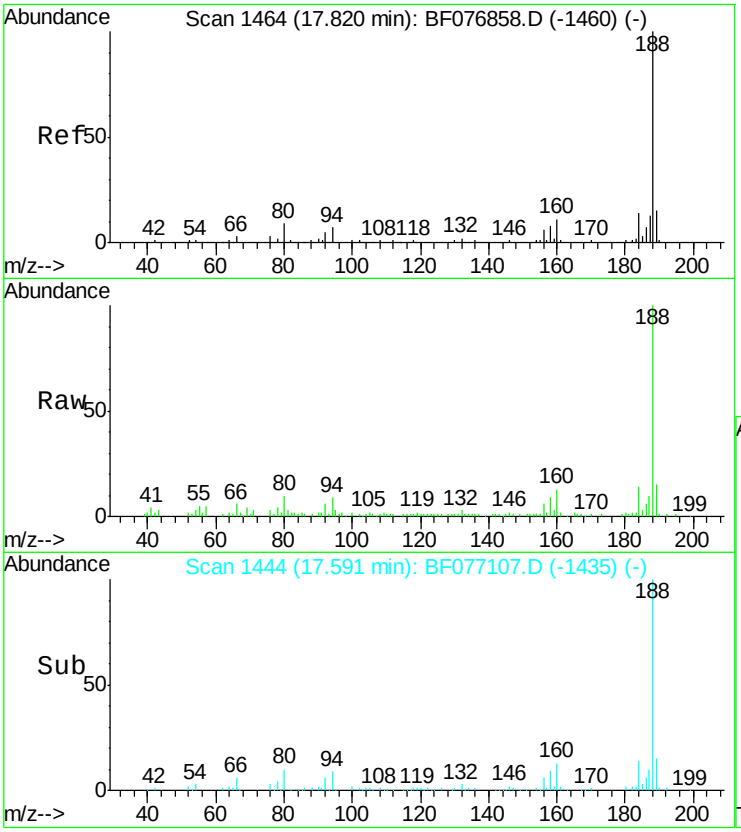


#57
Fluorene
Concen: 2.47 ng
RT: 16.00 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:166 Resp: 9510

Ion	Ratio	Lower	Upper
166	100		
165	117.3	78.5	117.7
167	28.5	10.4	15.6#



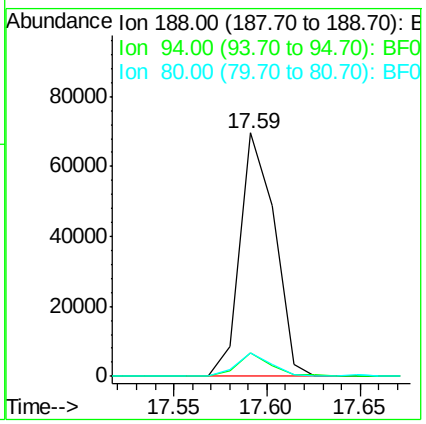


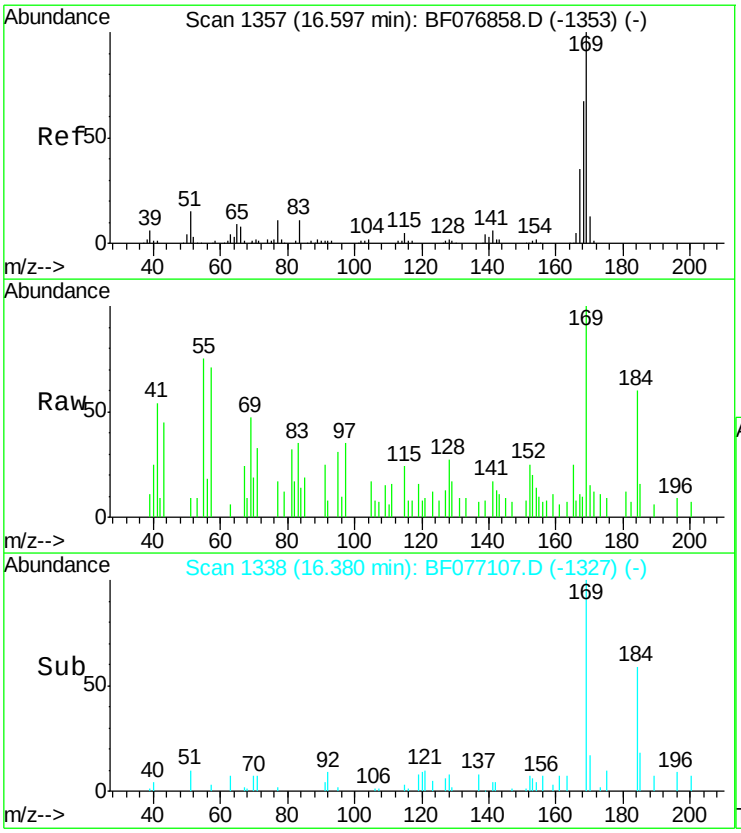
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 89451

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.0	9.0#
80	9.7	6.9	10.3

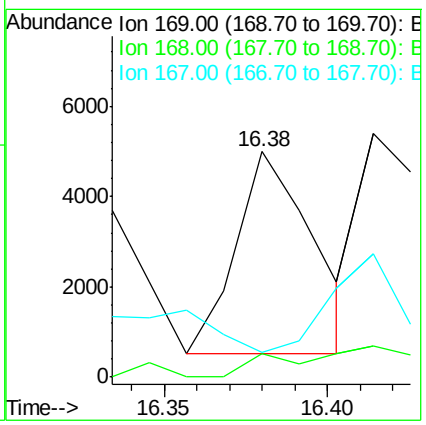


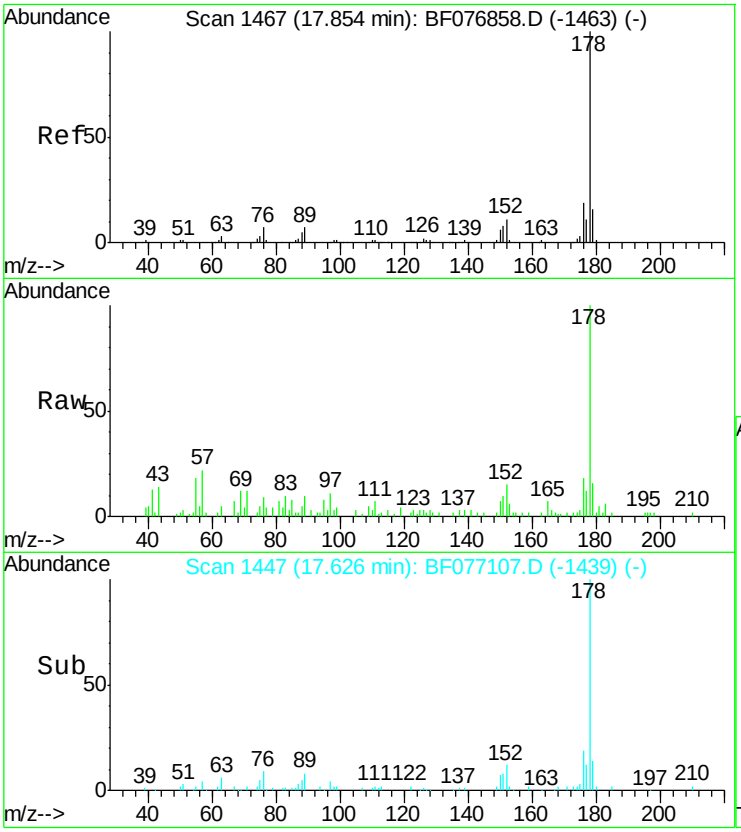


#65
n-Nitrosodiphenylamine
Concen: 2.29 ng
RT: 16.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:169 Resp: 7303

Ion	Ratio	Lower	Upper
169	100		
168	10.5	53.8	80.6#
167	11.2	27.8	41.6#



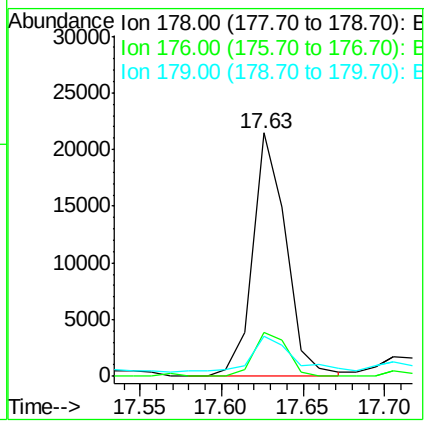


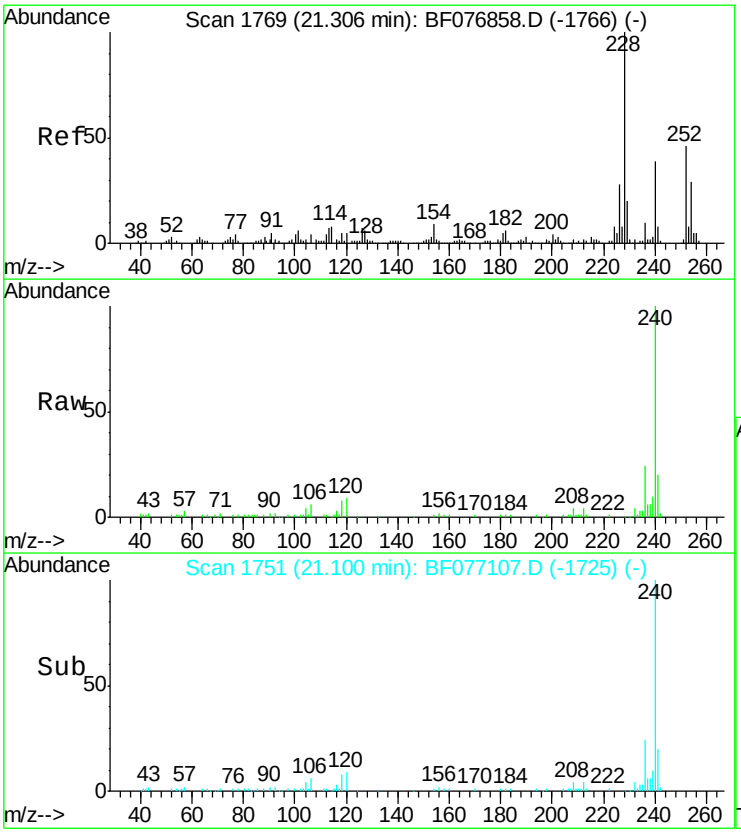
#70
Phenanthrene
Concen: 5.45 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 30384

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	16.4	12.7	19.1

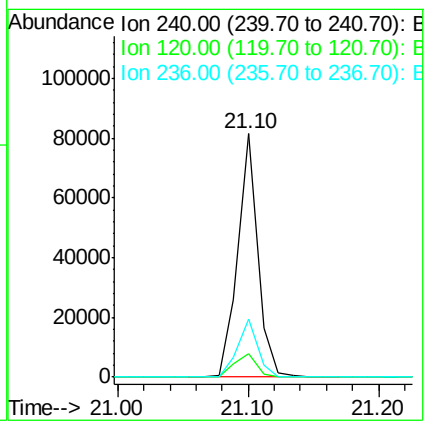


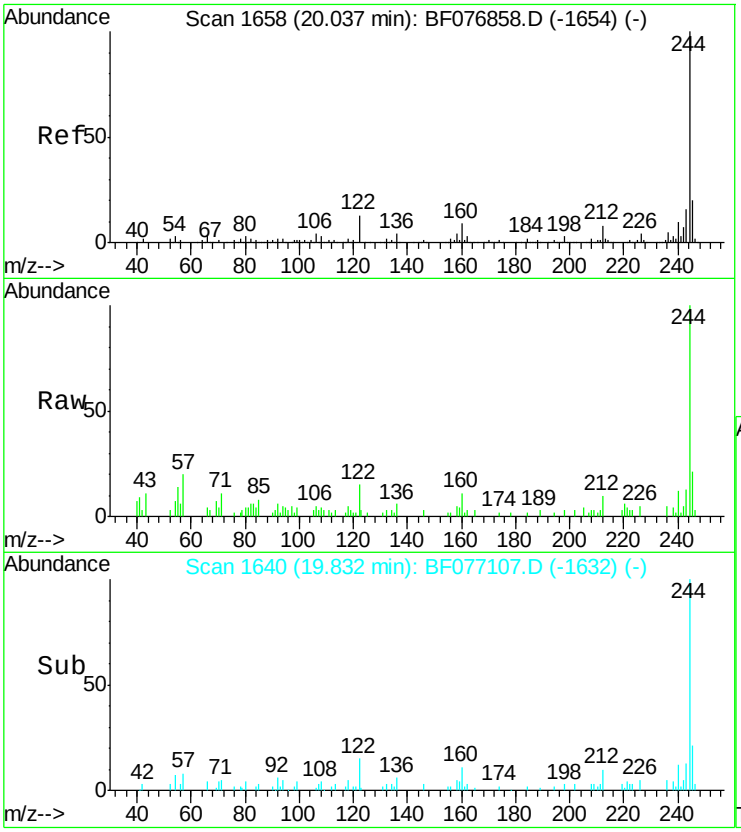


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:240 Resp: 86819

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.4	15.6#
236	23.8	20.2	30.2



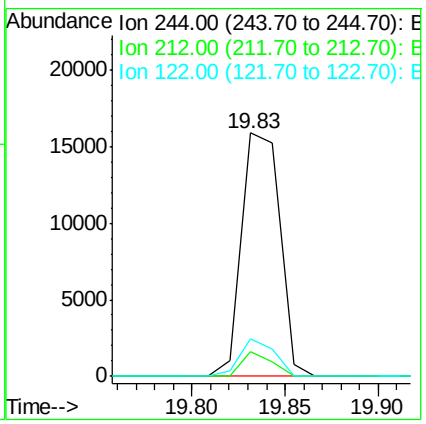


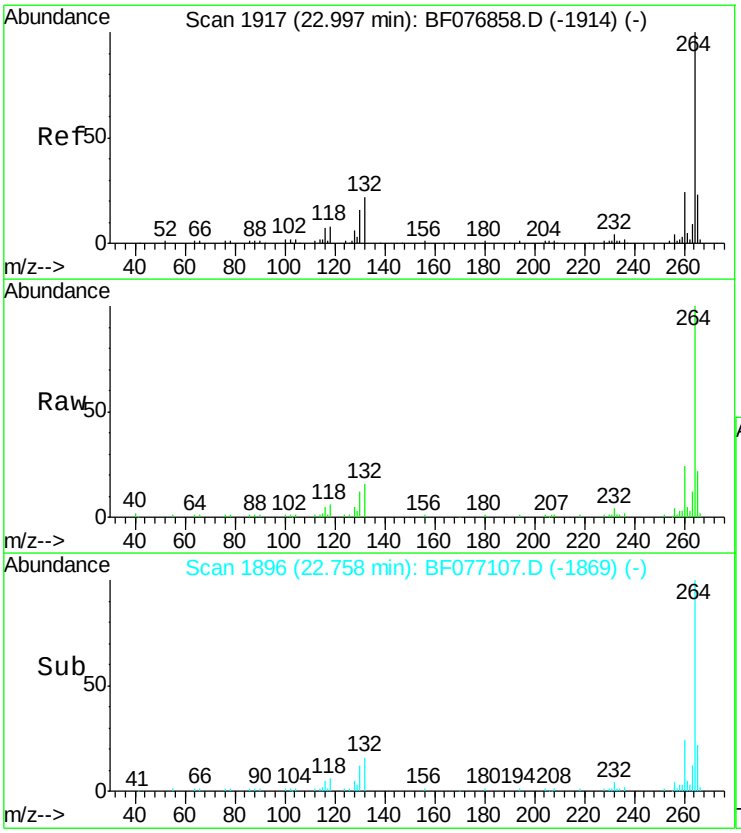
#78
Terphenyl-d14
Concen: 5.98 ng
RT: 19.83 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 22568

Ion	Ratio	Lower	Upper
244	100		
212	10.3	6.3	9.5#
122	15.4	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.76 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:264 Resp: 79089

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	22.0	18.1	27.1