Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077136.D
Acq On : 29 Jan 2015 22:13
Operator : TP/IZ
Sample : G1178-08
Misc : W
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-GRAB4

Quant Time: Jan 30 03:04:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 01:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	28625	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	119107	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	62718	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	110752	20.00	ng	0.00
75) Chrysene-d12	21.08	240	112379	20.00	ng	0.00
86) Perylene-d12	22.71	264	104340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	177195	101.78	ng	0.00
7) Phenol-d6	7.10	99	198070	90.18	ng	0.00
23) Nitrobenzene-d5	8.98	82	149159	69.38	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	57070	112.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	301185	73.08	ng	0.00
78) Terphenyl-d14	19.81	244	315742	64.68	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.64	128	16027	2.61	ng	97
37) 2-Methylnaphthalene	12.30	142	11434	2.73	ng	96

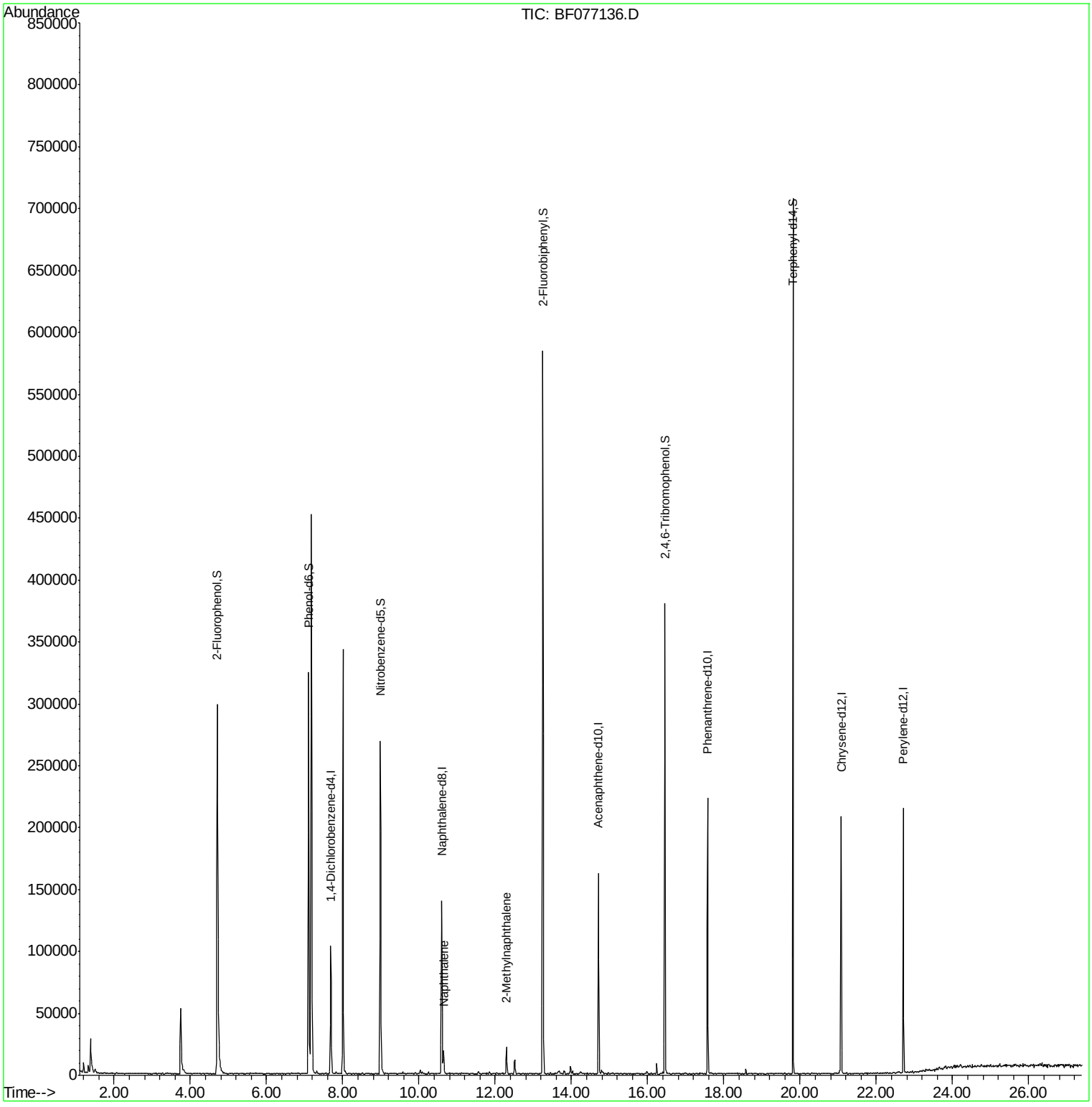
(#) = qualifier out of range (m) = manual integration (+) = signals summed

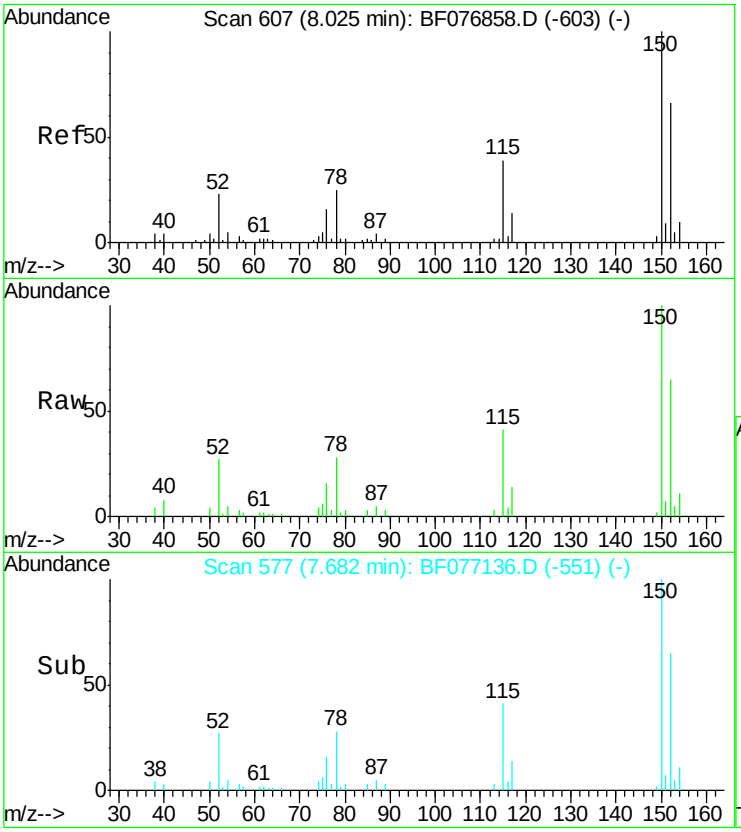
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077136.D
Acq On : 29 Jan 2015 22:13
Operator : TP/IZ
Sample : G1178-08
Misc : W
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Quant Time: Jan 30 03:04:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 01:31:55 2015
Response via : Initial Calibration



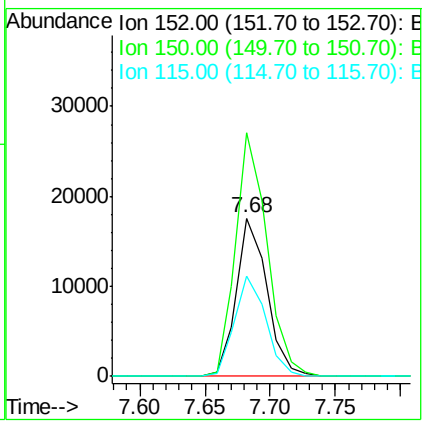


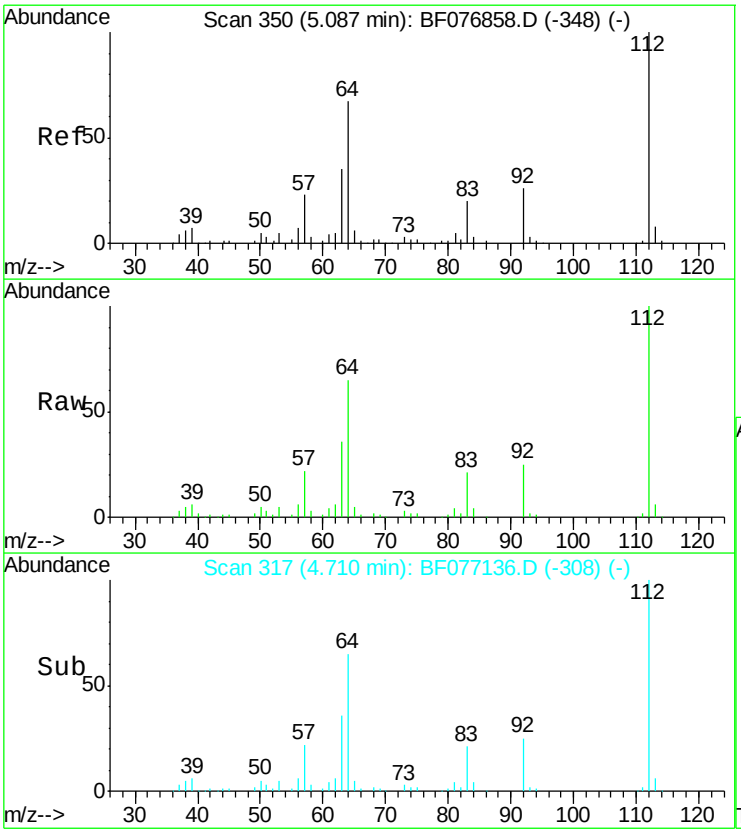
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion:152 Resp: 28625

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.7	182.5
115	63.3	47.0	70.6

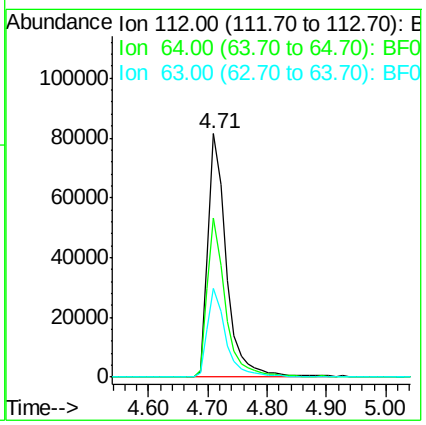


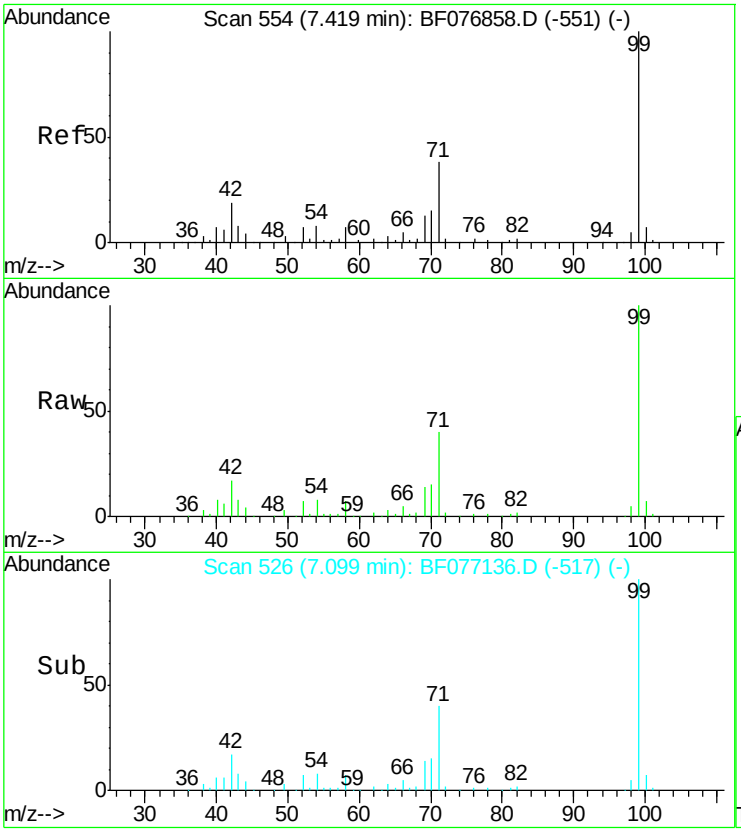


#5
2-Fluorophenol
Concen: 101.78 ng
RT: 4.71 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:112 Resp: 177195

Ion	Ratio	Lower	Upper
112	100		
64	65.2	54.2	81.4
63	36.4	28.4	42.6



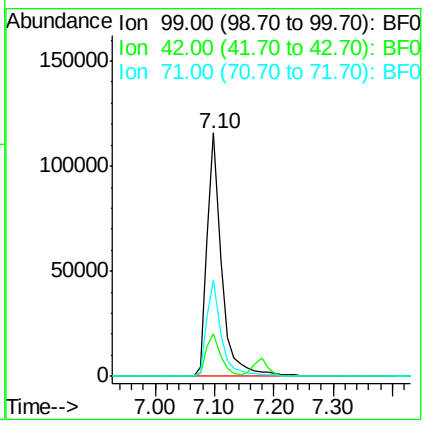


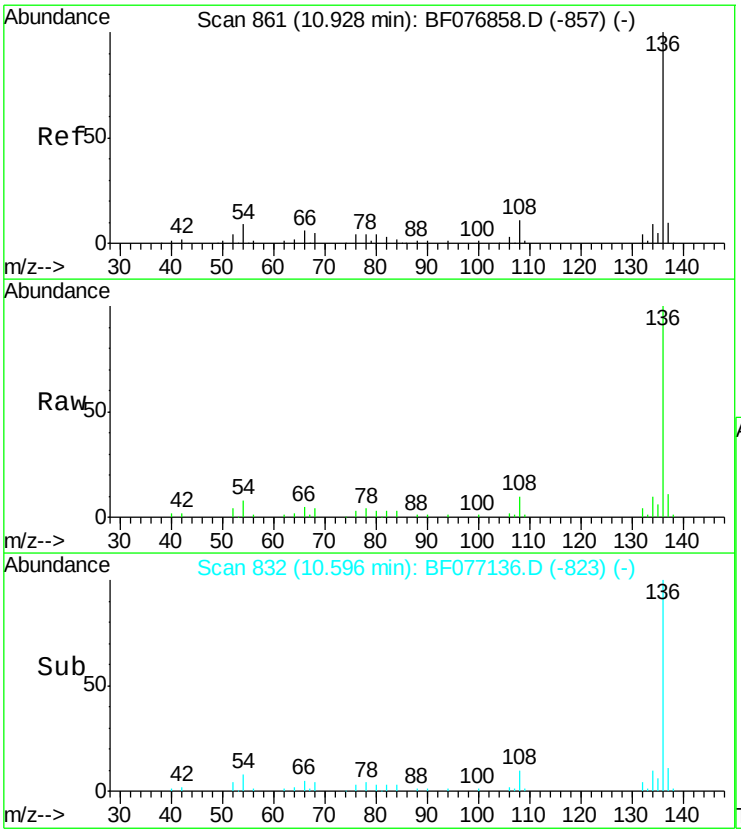
#7
Phenol-d6
Concen: 90.18 ng
RT: 7.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion: 99 Resp: 198070

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	39.6	30.5	45.7

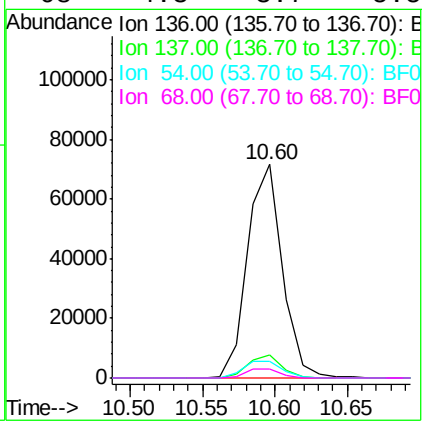


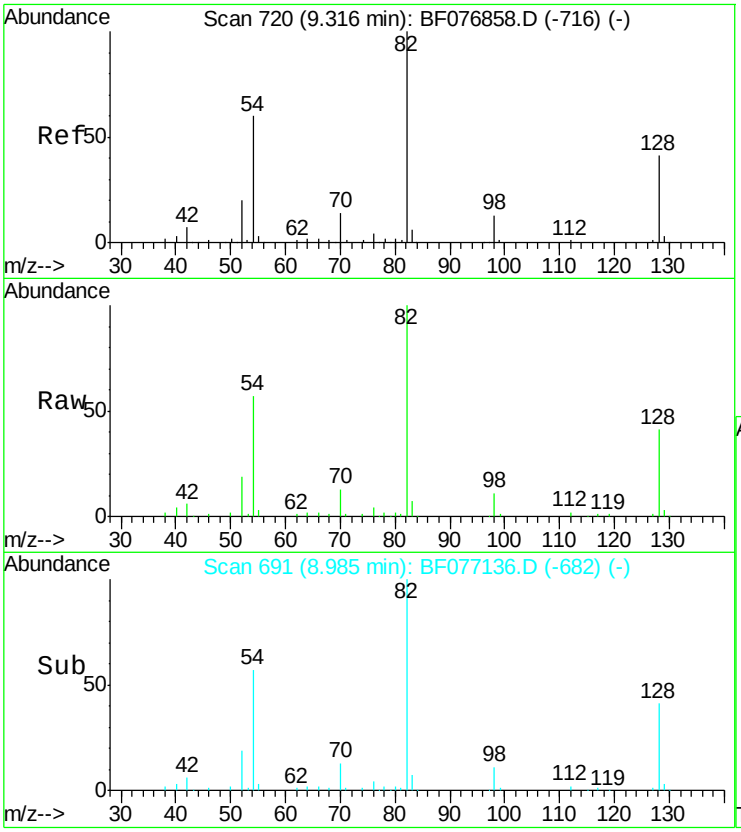


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:136 Resp: 119107

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.1	12.1
54	8.0	7.0	10.4
68	4.3	3.7	5.5



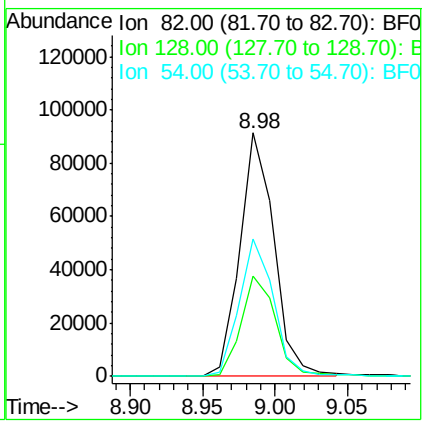


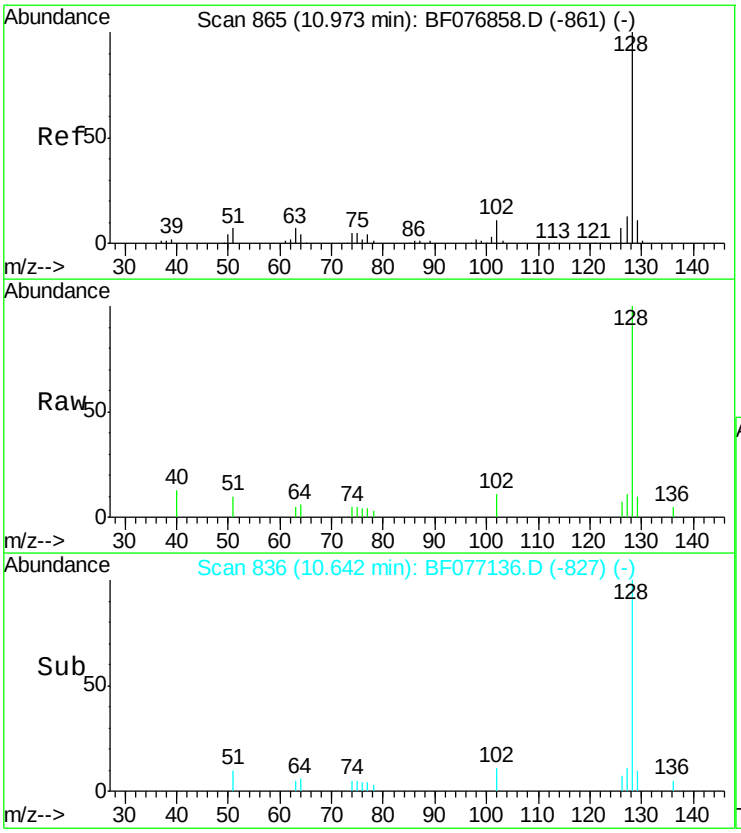
#23
Nitrobenzene-d5
Concen: 69.38 ng
RT: 8.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion: 82 Resp: 149159

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.1	49.7
54	56.6	48.3	72.5

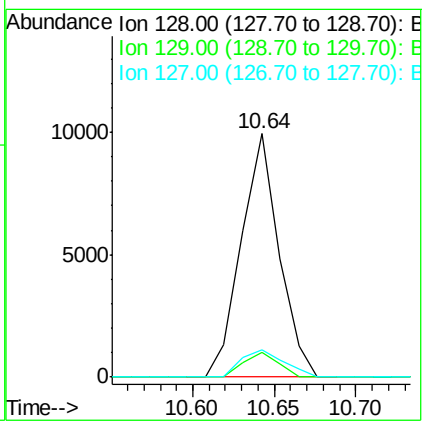


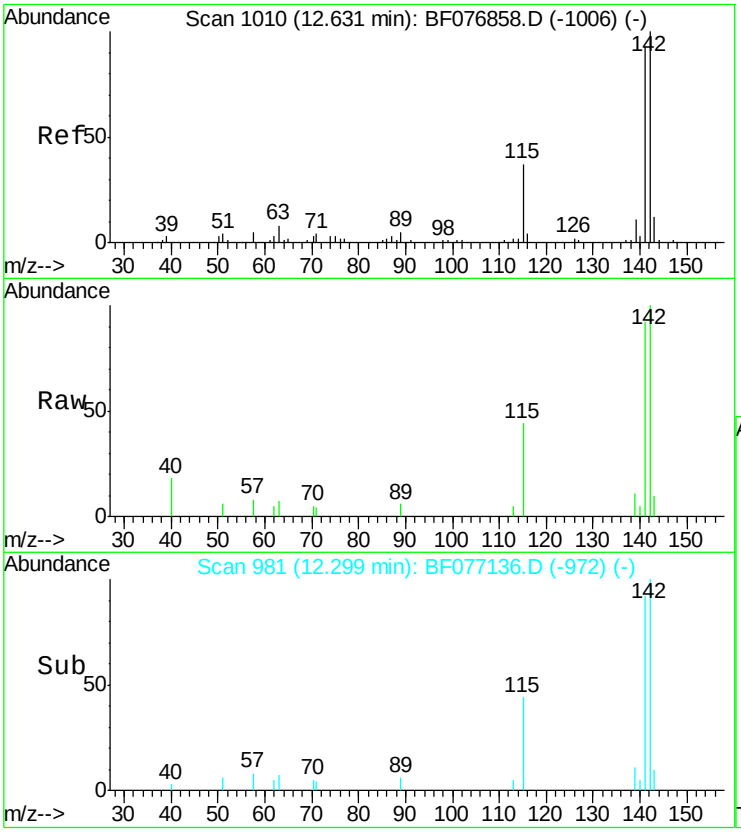


#31
Naphthalene
Concen: 2.61 ng
RT: 10.64 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:128 Resp: 16027

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	11.4	10.2	15.2



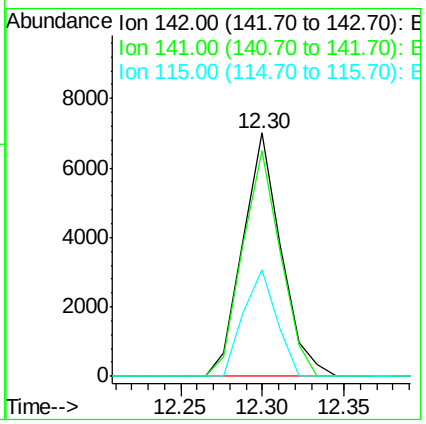


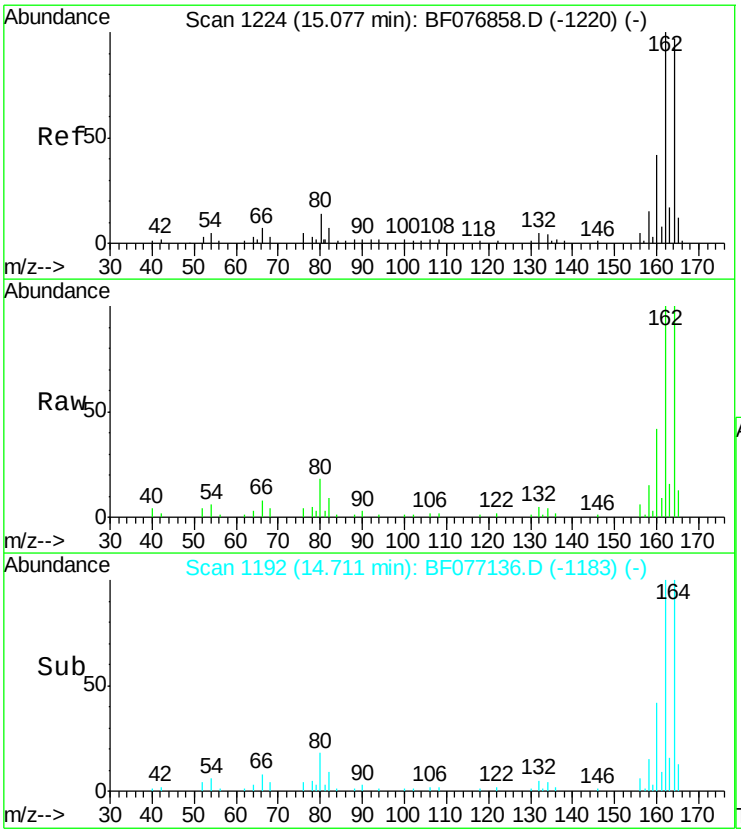
#37
2-Methylnaphthalene
Concen: 2.73 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion:142 Resp: 11434

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.5	111.7
115	43.8	29.7	44.5

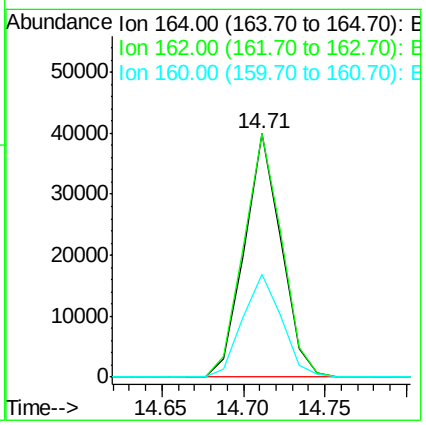


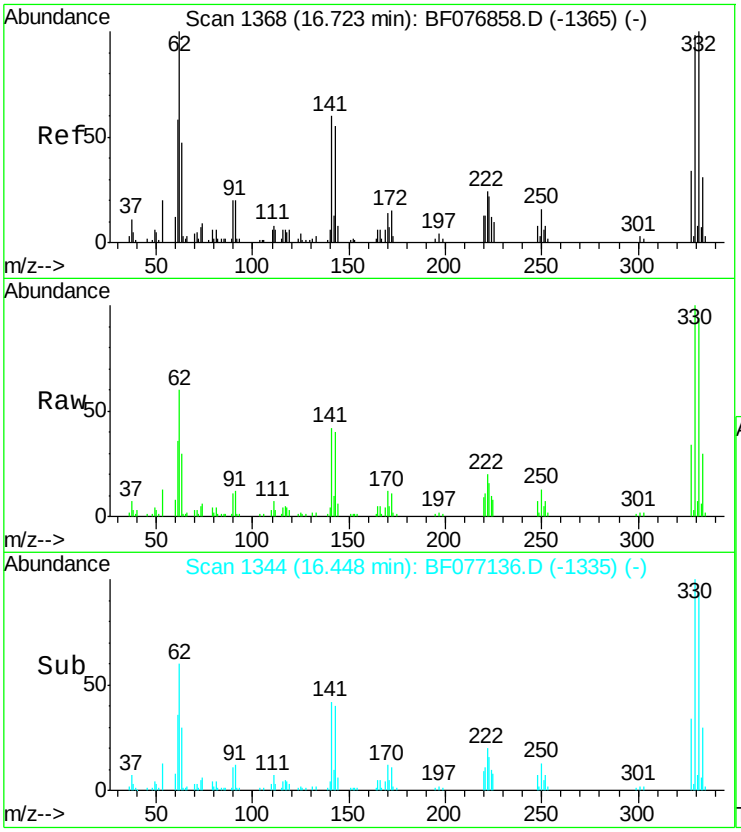


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:164 Resp: 62718

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.4	123.6
160	42.4	34.8	52.2



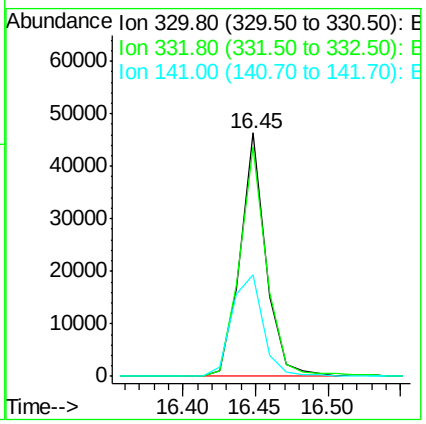


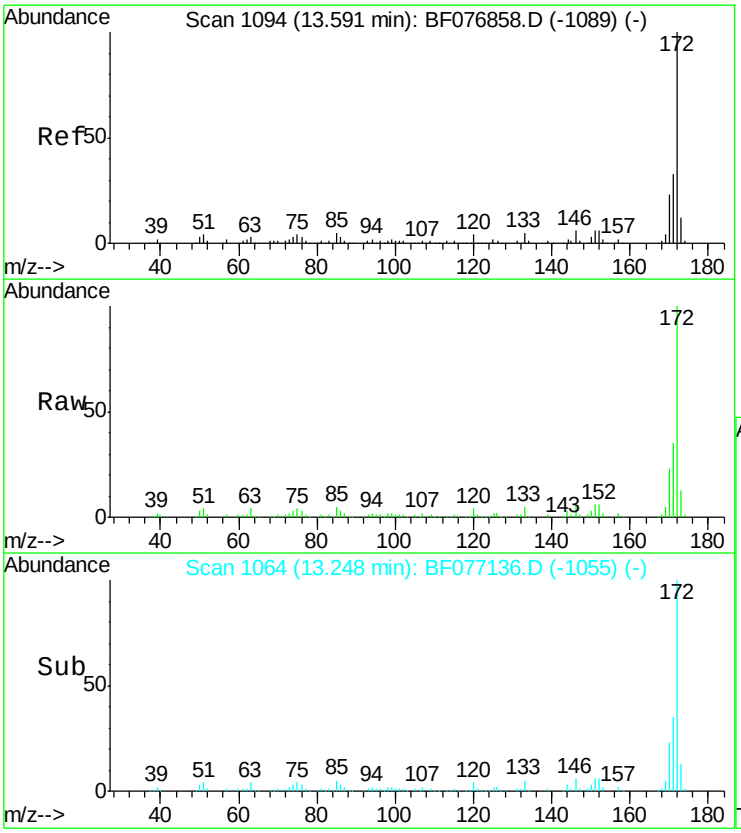
#41
2,4,6-Tribromophenol
Concen: 112.10 ng
RT: 16.45 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion:330 Resp: 57070

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.8	116.6
141	50.9	38.5	57.7

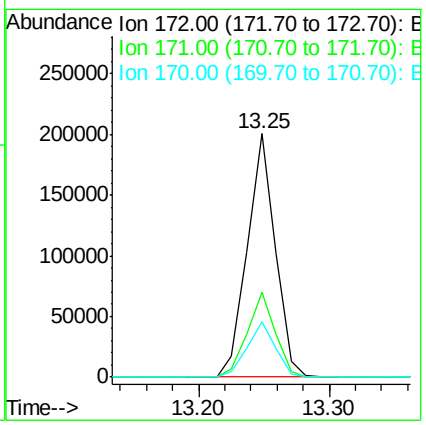


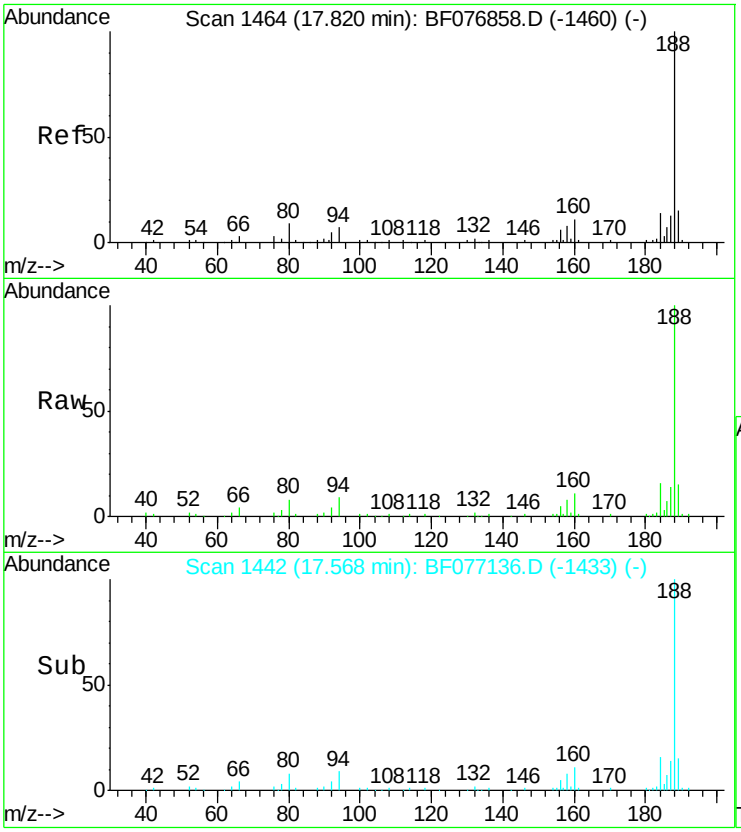


#44
2-Fluorobiphenyl
Concen: 73.08 ng
RT: 13.25 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:172 Resp: 301185

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	22.9	18.0	27.0



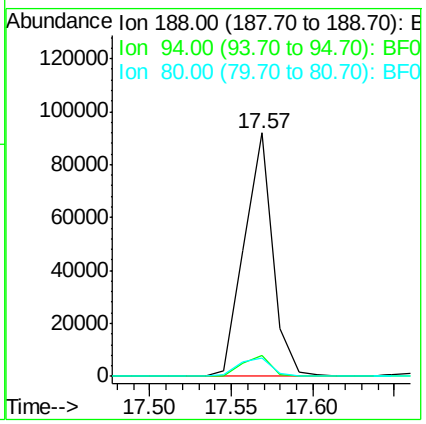


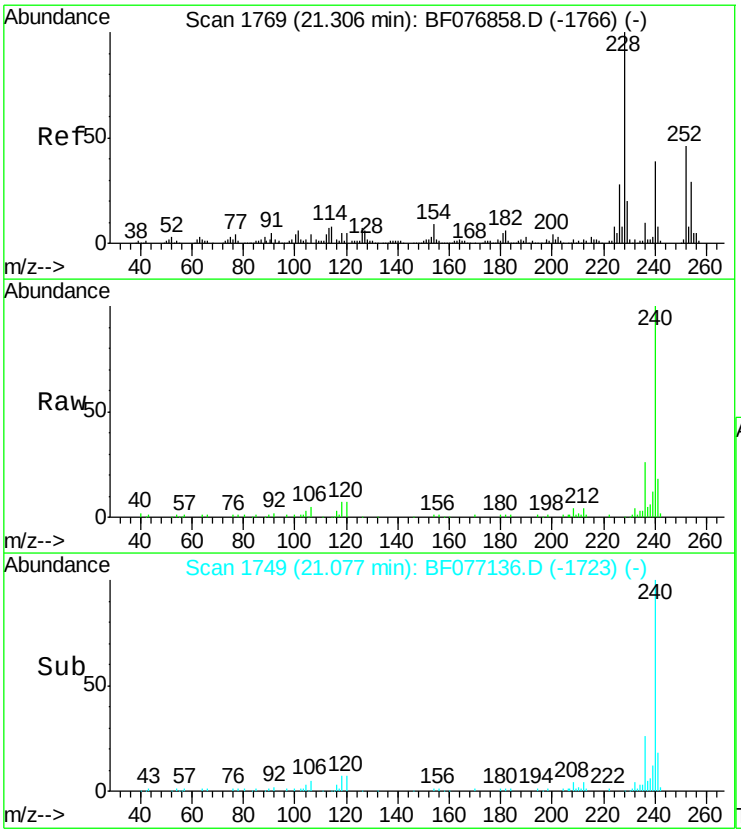
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion:188 Resp: 110752

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.0	9.0
80	7.7	6.9	10.3

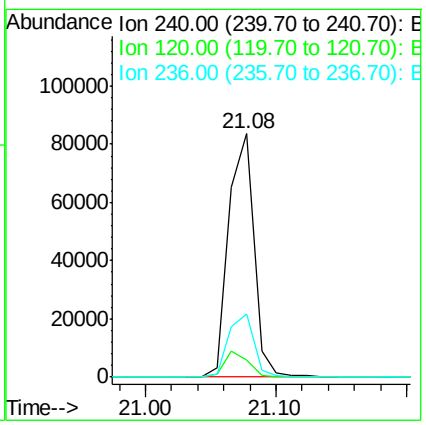


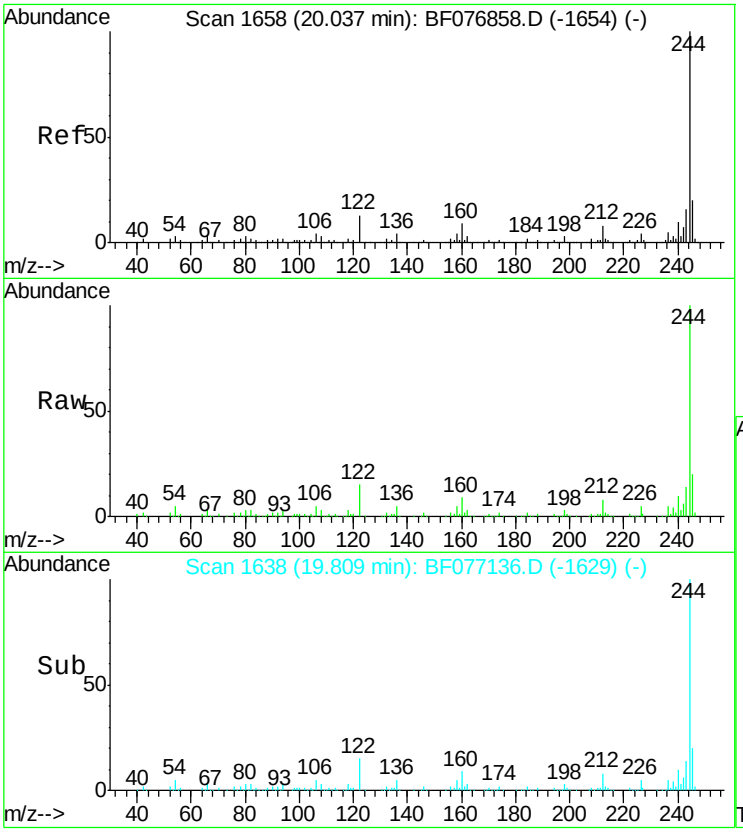


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:240 Resp: 112379

Ion	Ratio	Lower	Upper
240	100		
120	7.2	10.4	15.6#
236	25.8	20.2	30.2



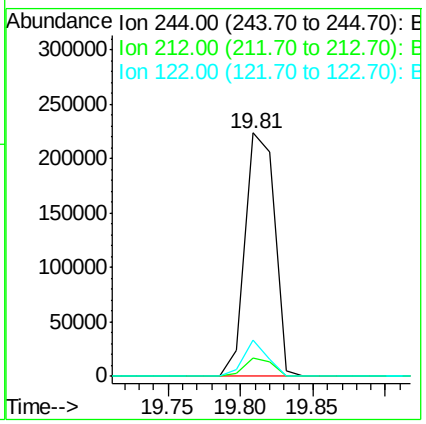


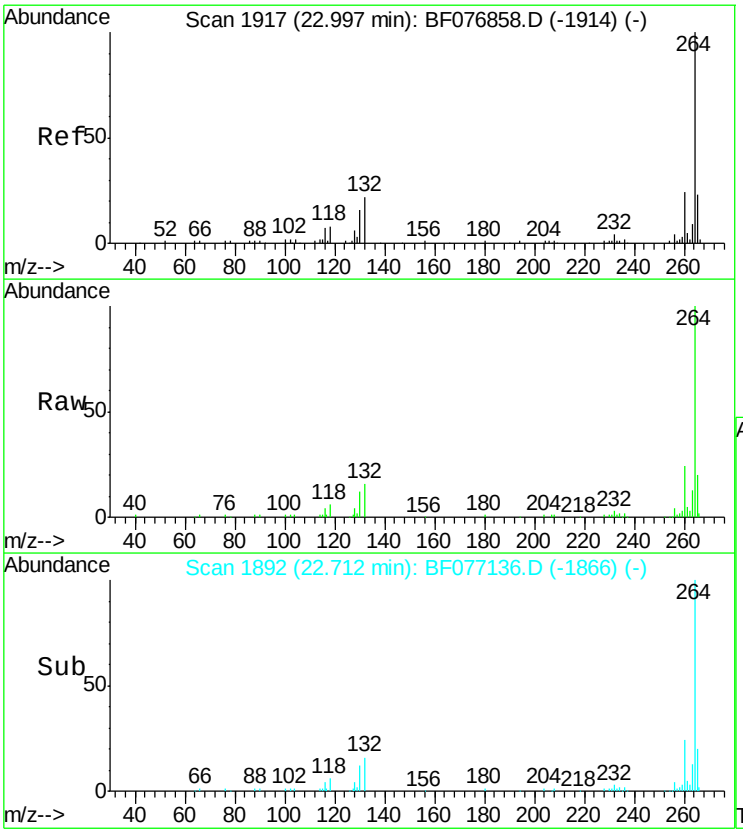
#78
Terphenyl-d14
Concen: 64.68 ng
RT: 19.81 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB4

Tgt Ion:244 Resp: 315742

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	14.7	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.71 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BF077136.D
Acq: 29 Jan 2015 22:13

Tgt Ion:264 Resp: 104340

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.3	18.1	27.1