Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076815.D
Acq On : 12 Jan 2015 18:56
Operator : IZ / TP
Sample : G1042-07
Misc : S
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-GRAB-3

Quant Time: Jan 13 00:47:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33876	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	146392	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	80979	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	136071	20.00	ng	0.00
75) Chrysene-d12	21.34	240	128014	20.00	ng	-0.01
86) Perylene-d12	23.04	264	116248	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	189770	93.48	ng	-0.01
7) Phenol-d6	7.48	99	245244	95.96	ng	-0.02
23) Nitrobenzene-d5	9.37	82	147005	55.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	54875	81.19	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	293377	53.32	ng	-0.01
78) Terphenyl-d14	20.07	244	291267	49.96	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.51	94	5784	2.08	ng	95
49) Dimethylphthalate	14.70	163	28803	4.89	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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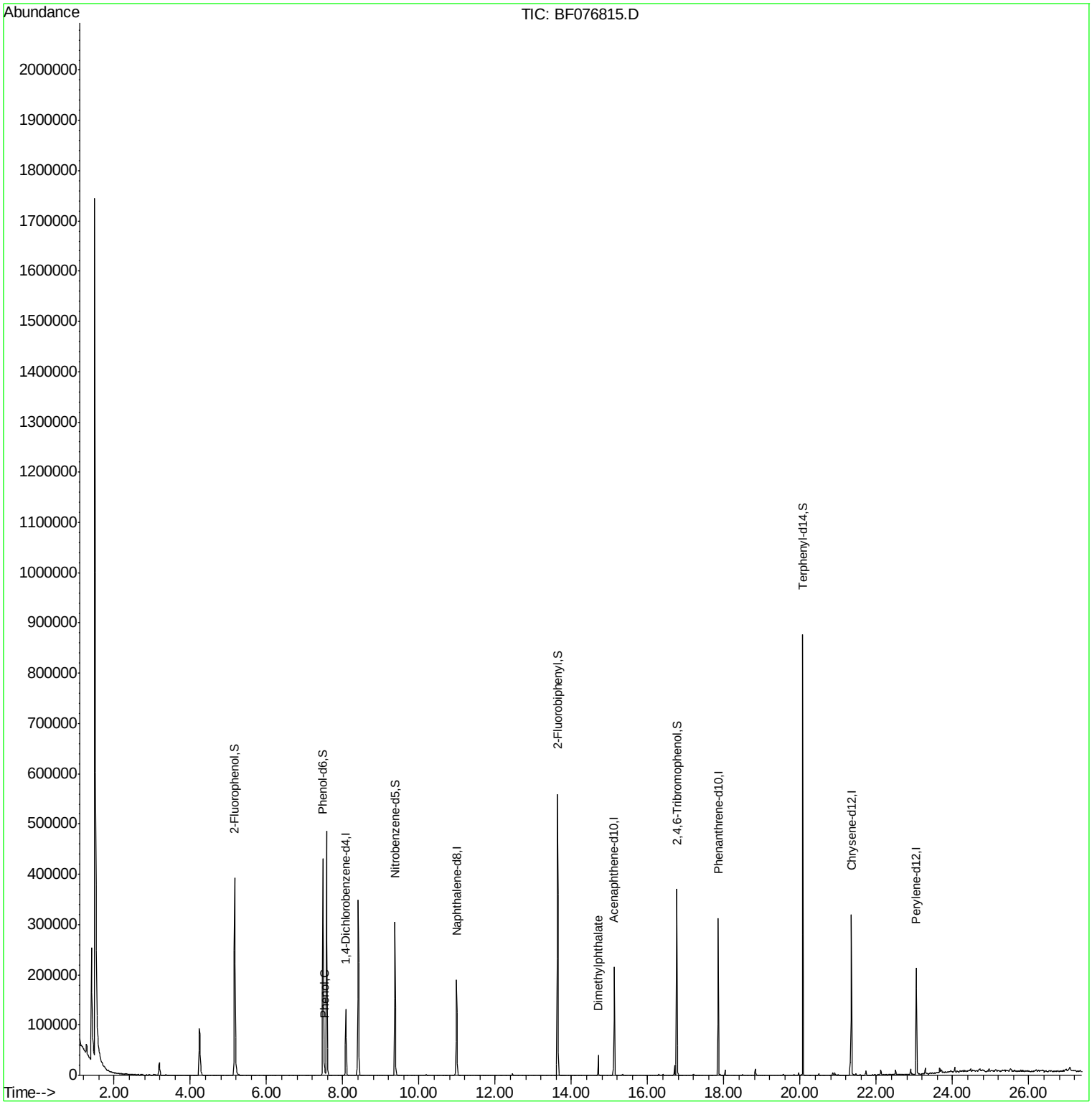
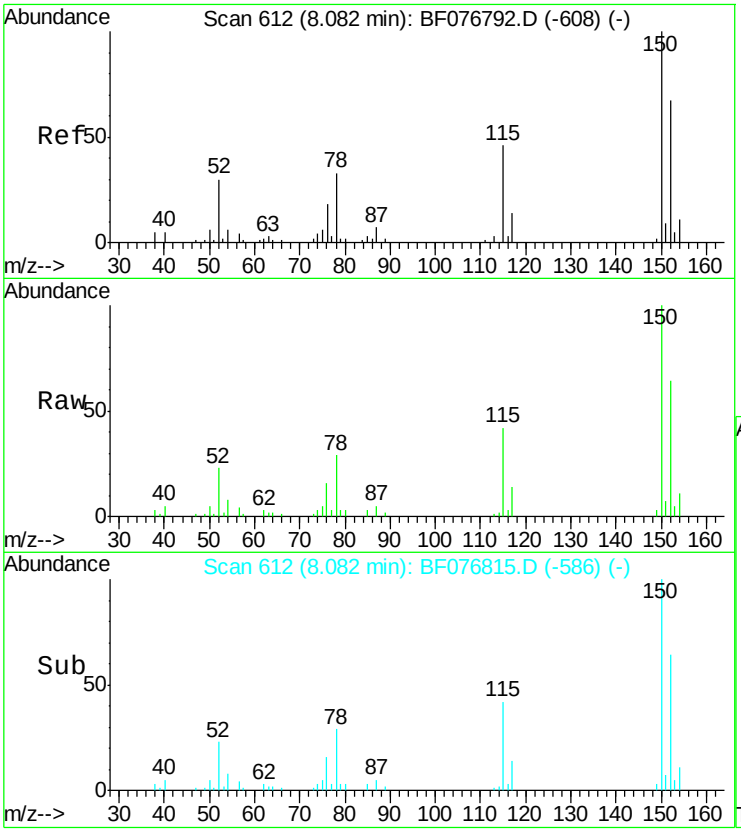


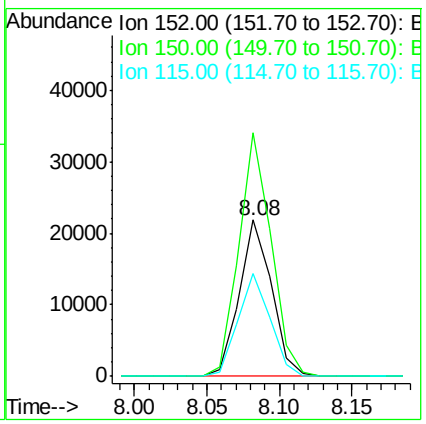


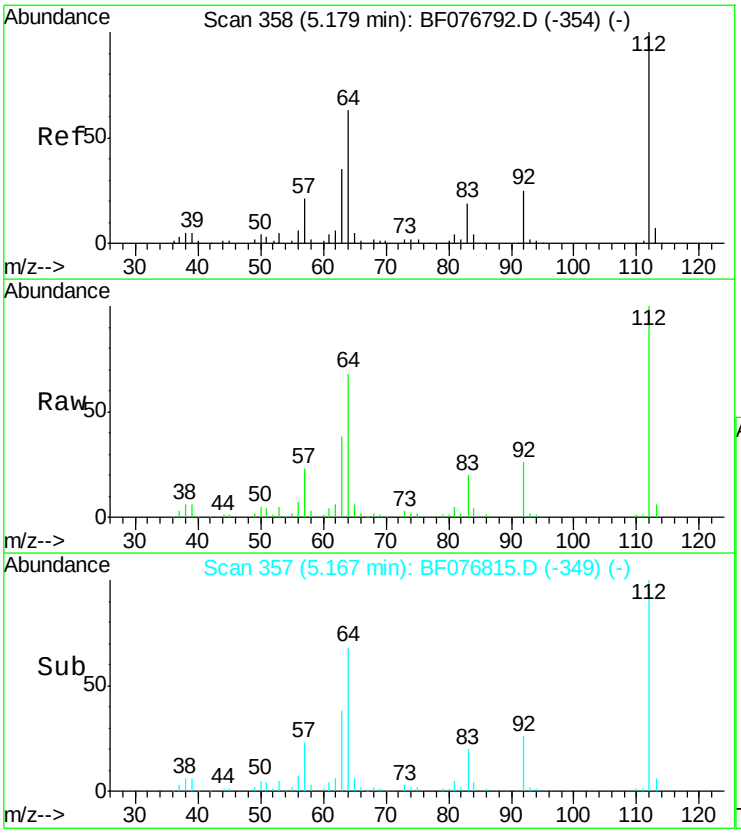
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:152 Resp: 33876

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	65.5	54.6	81.8

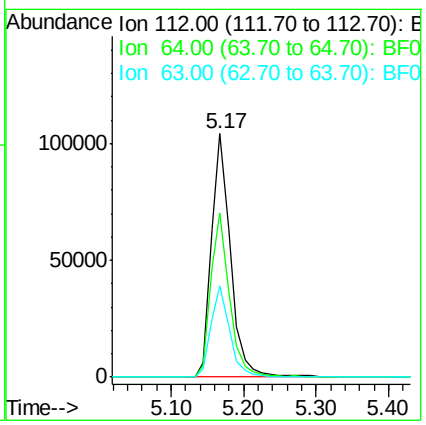


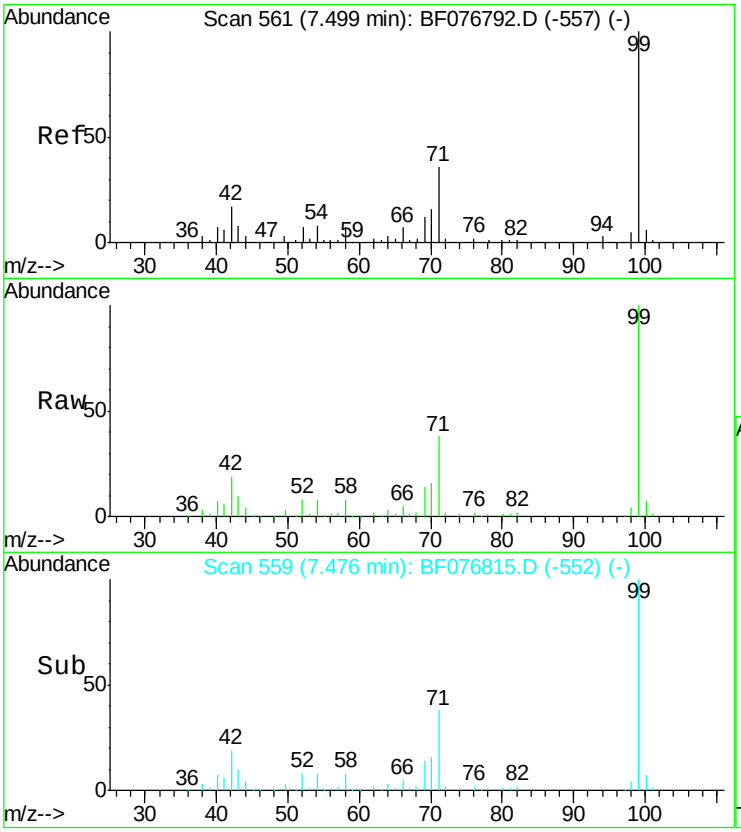


#5
2-Fluorophenol
Concen: 93.48 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:112 Resp: 189770

Ion	Ratio	Lower	Upper
112	100		
64	67.7	50.2	75.4
63	37.6	27.8	41.6



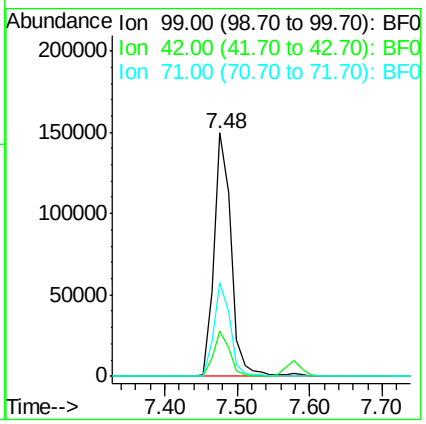


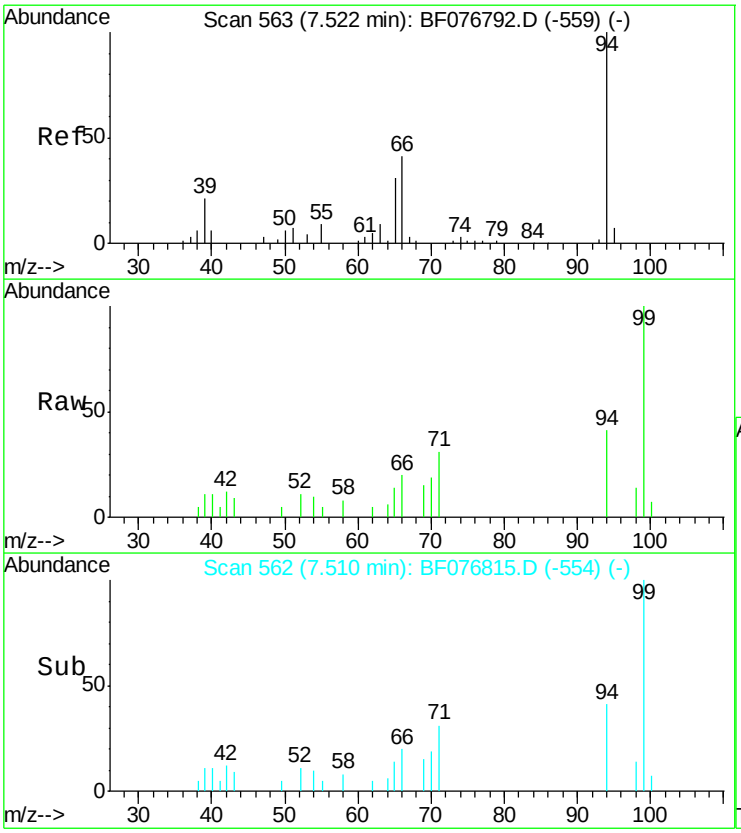
#7
Phenol-d6
Concen: 95.96 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion: 99 Resp: 245244

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.3	19.9
71	38.3	29.2	43.8

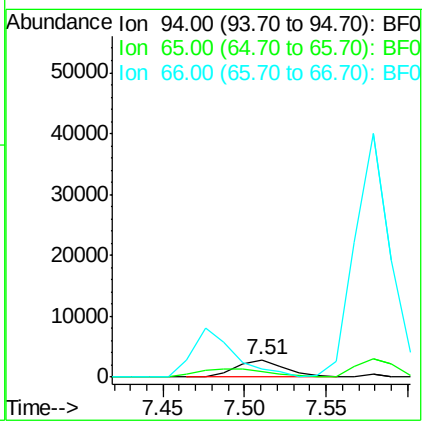


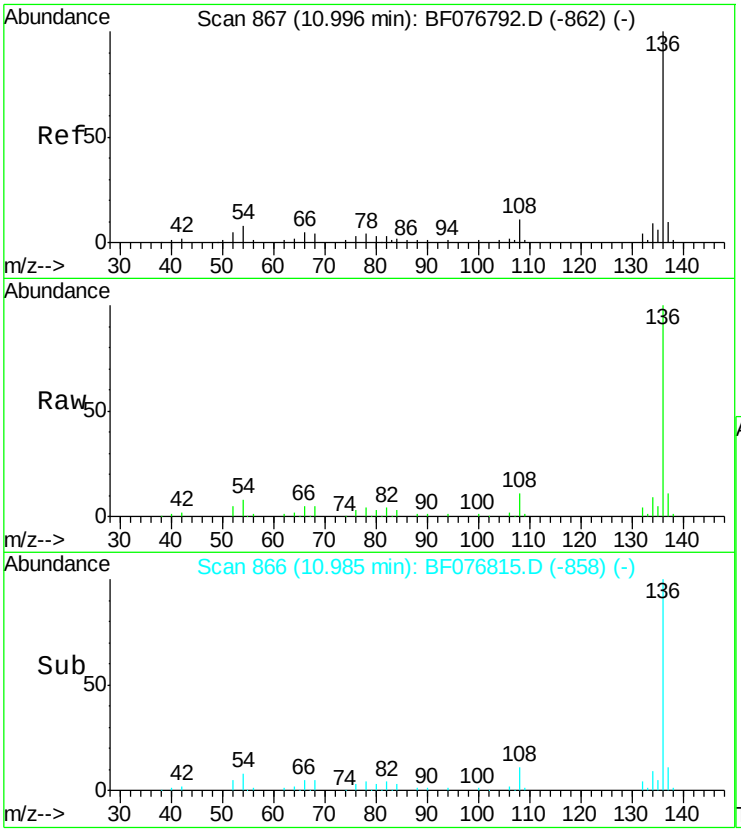


#10
Phenol
Concen: 2.08 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion: 94 Resp: 5784

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.6	51.6
66	47.2	22.3	62.3



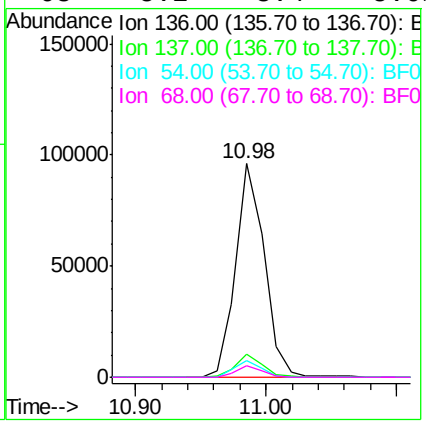


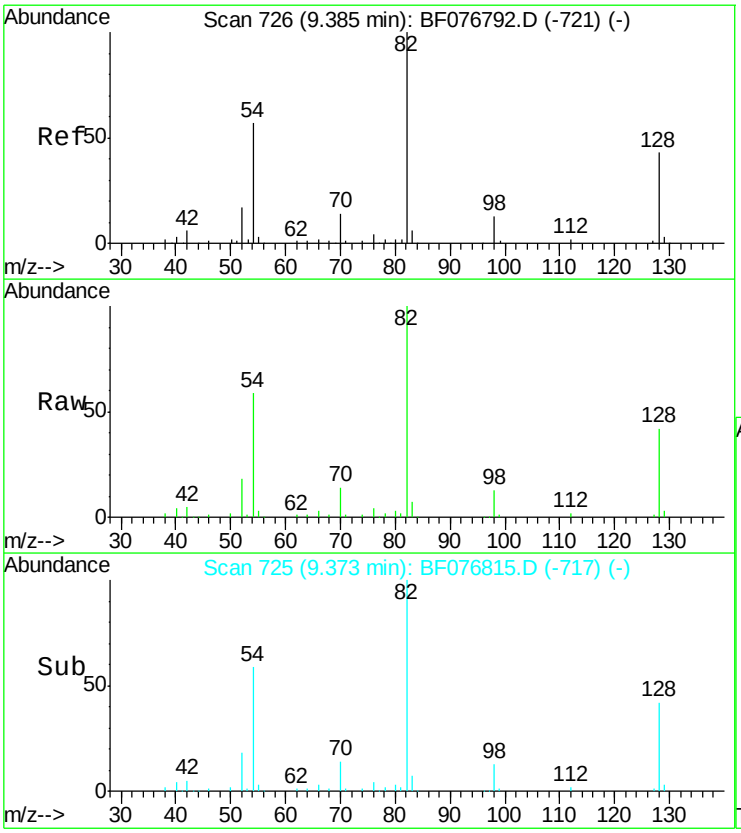
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:136 Resp: 146392

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	8.0	6.3	9.5
68	5.2	3.4	5.0#

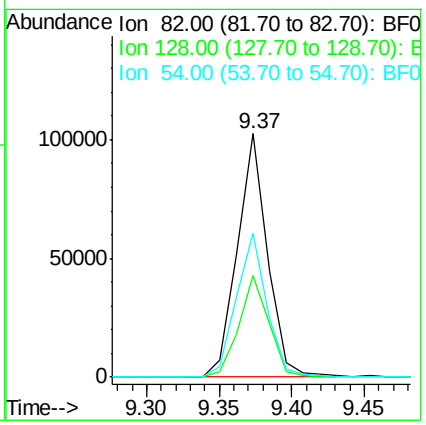


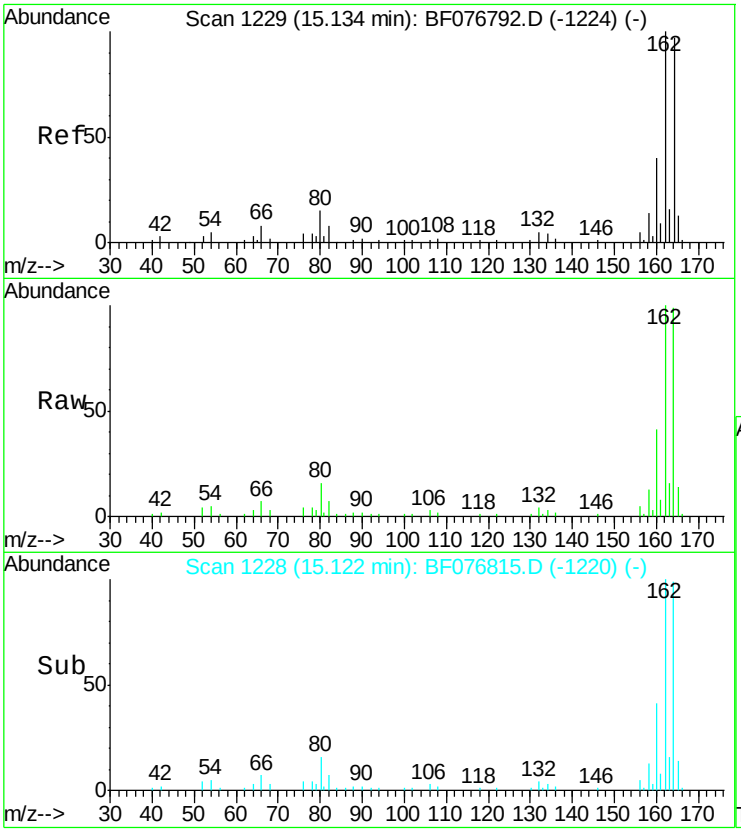


#23
Nitrobenzene-d5
Concen: 55.80 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion: 82 Resp: 147005

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	59.2	45.6	68.4



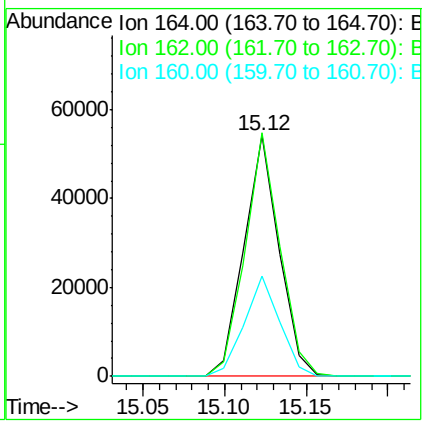


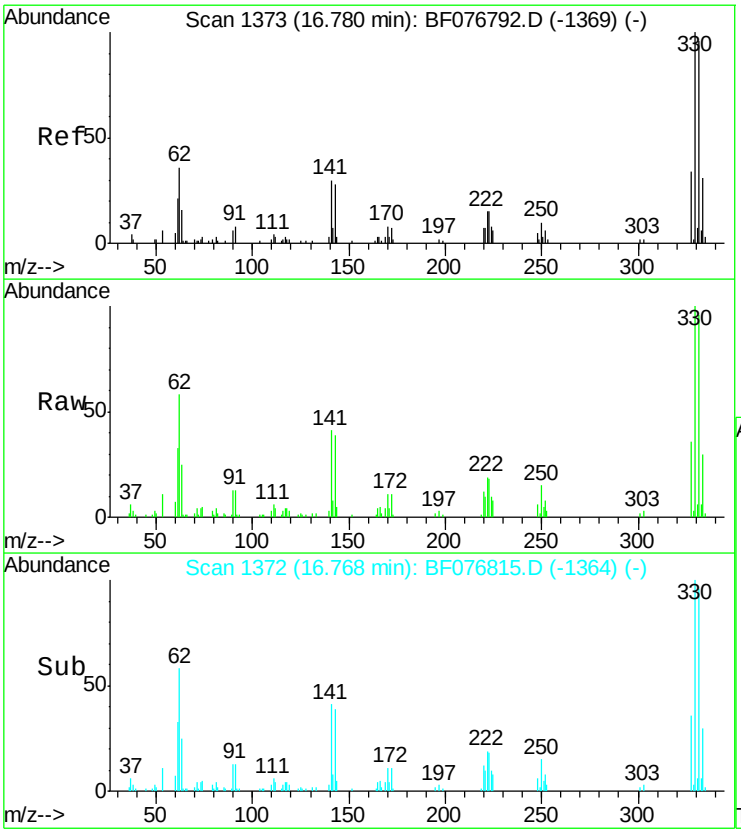
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:164 Resp: 80979

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.5	123.7
160	41.7	33.1	49.7

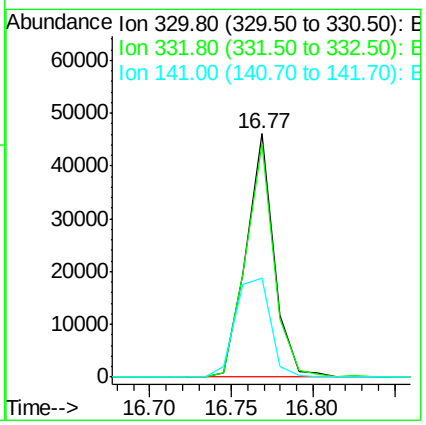


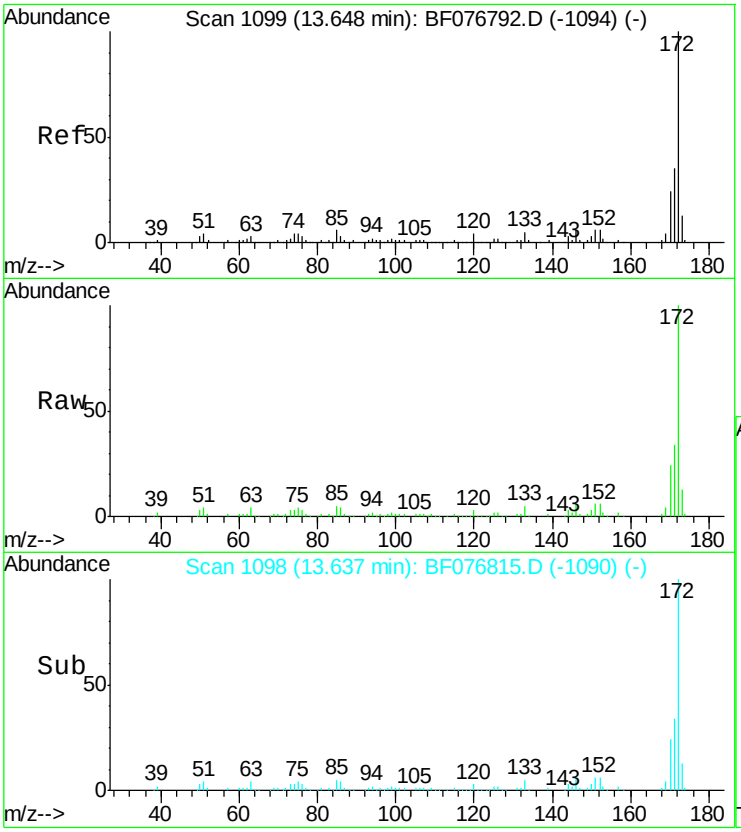


#41
2,4,6-Tribromophenol
Concen: 81.19 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:330 Resp: 54875

Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.8	112.2
141	50.9	42.4	63.6



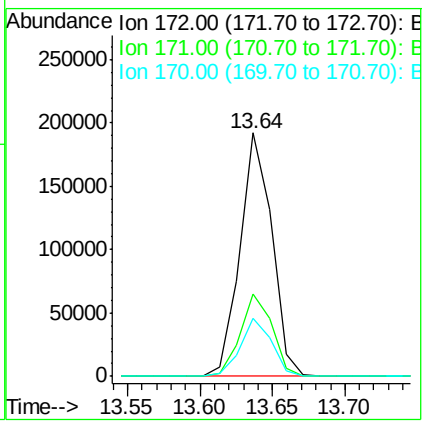


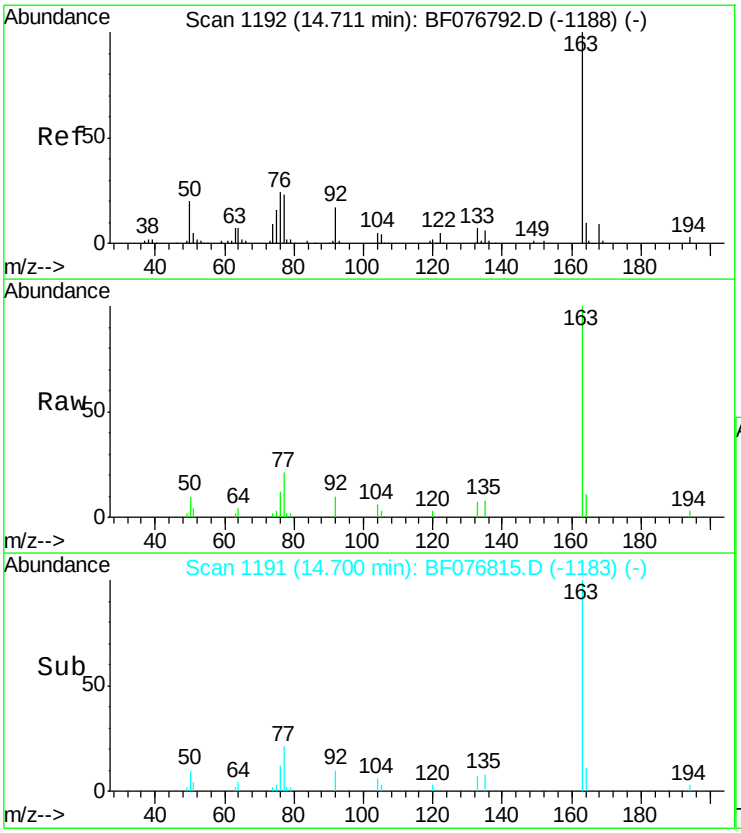
#44
2-Fluorobiphenyl
Concen: 53.32 ng
RT: 13.64 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:172 Resp: 293377

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.8
170	23.8	18.8	28.2

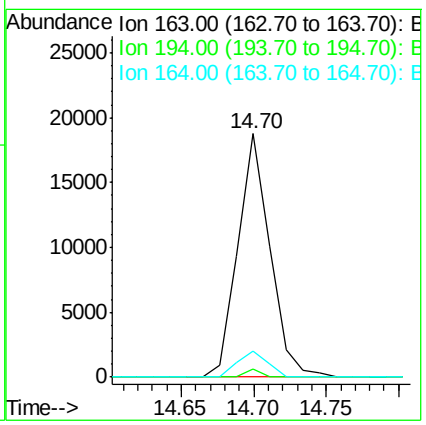


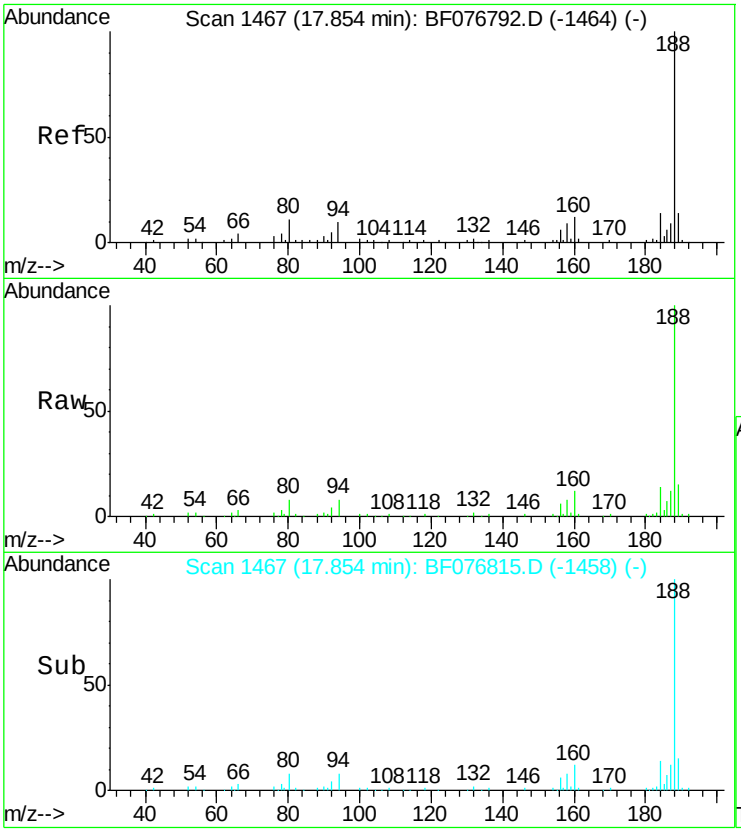


#49
Dimethylphthalate
Concen: 4.89 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:163 Resp: 28803

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.8	8.3	12.5



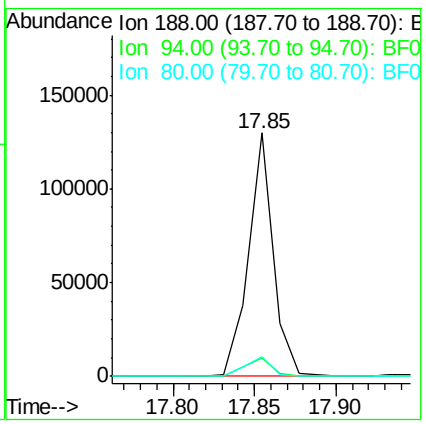


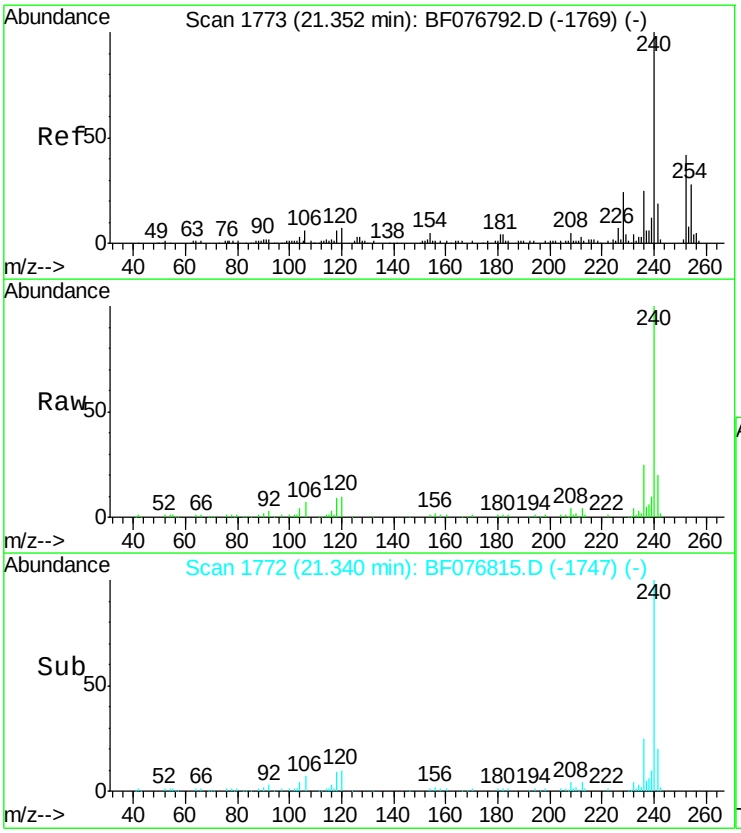
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:188 Resp: 136071

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.8	11.6#
80	8.2	8.6	13.0#

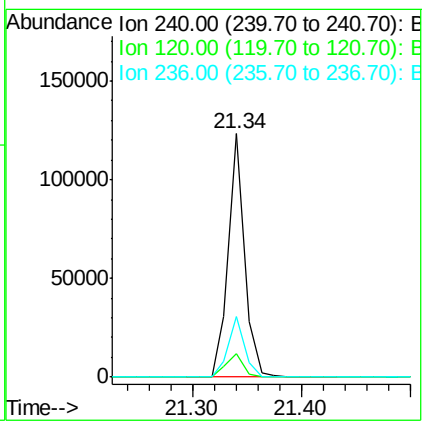


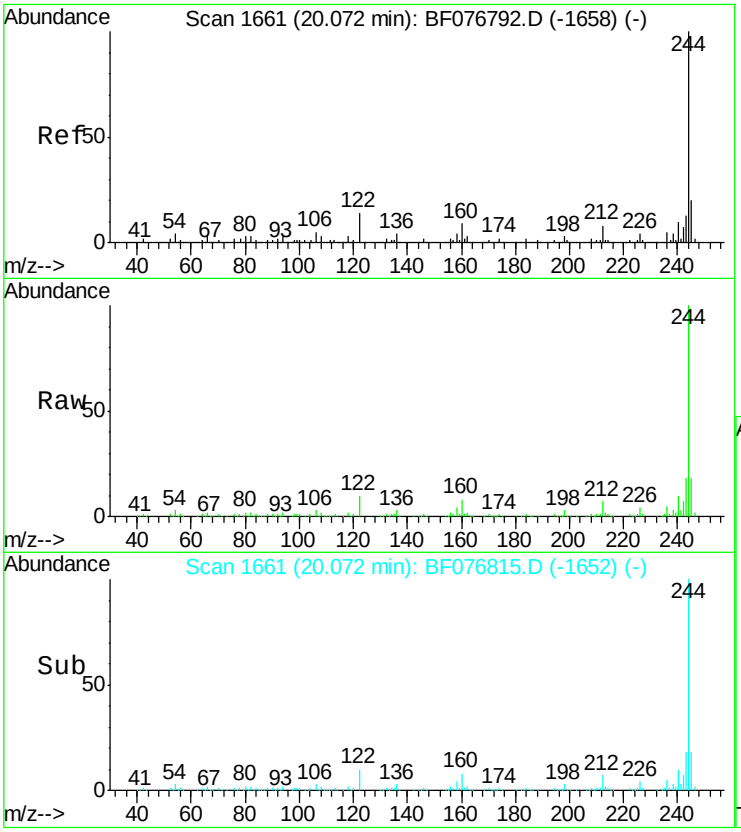


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:240 Resp: 128014

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.7	8.5#
236	24.7	19.7	29.5



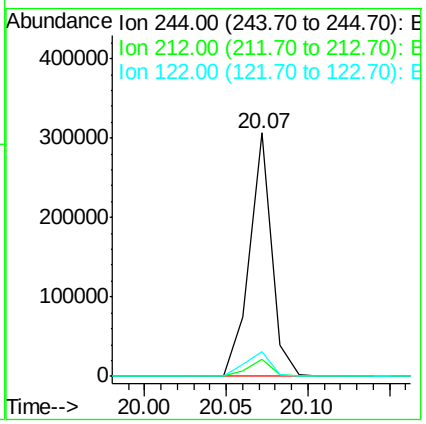


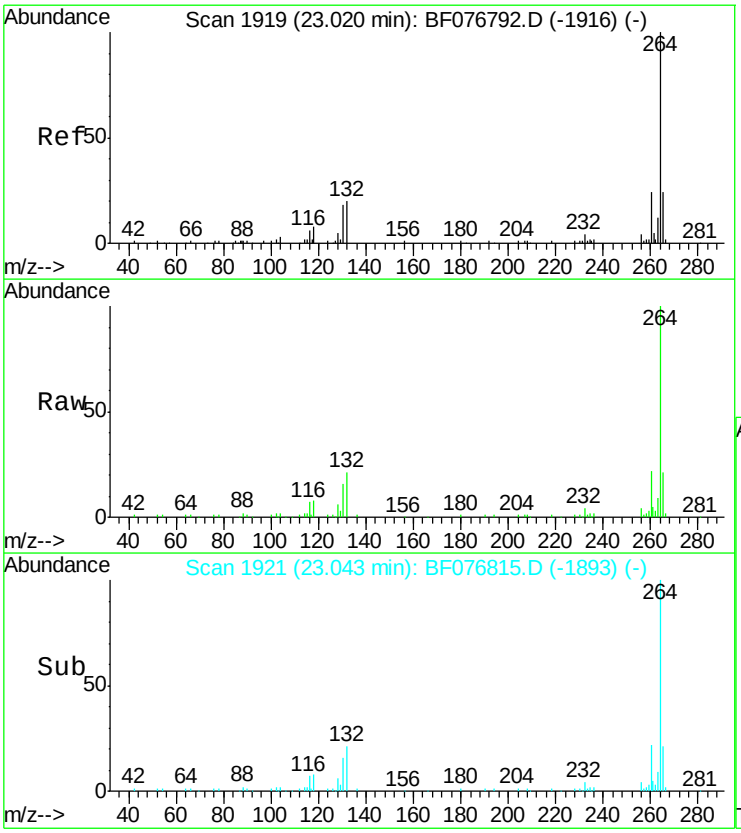
#78
Terphenyl-d14
Concen: 49.96 ng
RT: 20.07 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-GRAB-3

Tgt Ion:244 Resp: 291267

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.0	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.04 min Scan# 1921
Delta R.T. 0.02 min
Lab File: BF076815.D
Acq: 12 Jan 2015 18:56

Tgt Ion:264 Resp: 116248

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.4	29.0
265	21.0	18.9	28.3