Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076825.D
Acq On : 13 Jan 2015 2:26
Operator : IZ / TP
Sample : G1042-04
Misc : W
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-COMPOSITE-4

Quant Time: Jan 13 03:20:54 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	31041	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	131822	20.00	ng	0.00
38) Acenaphthene-d10	15.12	164	70960	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	115179	20.00	ng	0.00
75) Chrysene-d12	21.34	240	105758	20.00	ng	-0.01
86) Perylene-d12	23.00	264	93149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	235952	126.84	ng	0.00
7) Phenol-d6	7.49	99	267146	114.07	ng	-0.01
23) Nitrobenzene-d5	9.37	82	212920	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	79726	134.61	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	447152	92.74	ng	0.00
78) Terphenyl-d14	20.07	244	411419	85.41	ng	0.00
Target Compounds						Qvalue

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

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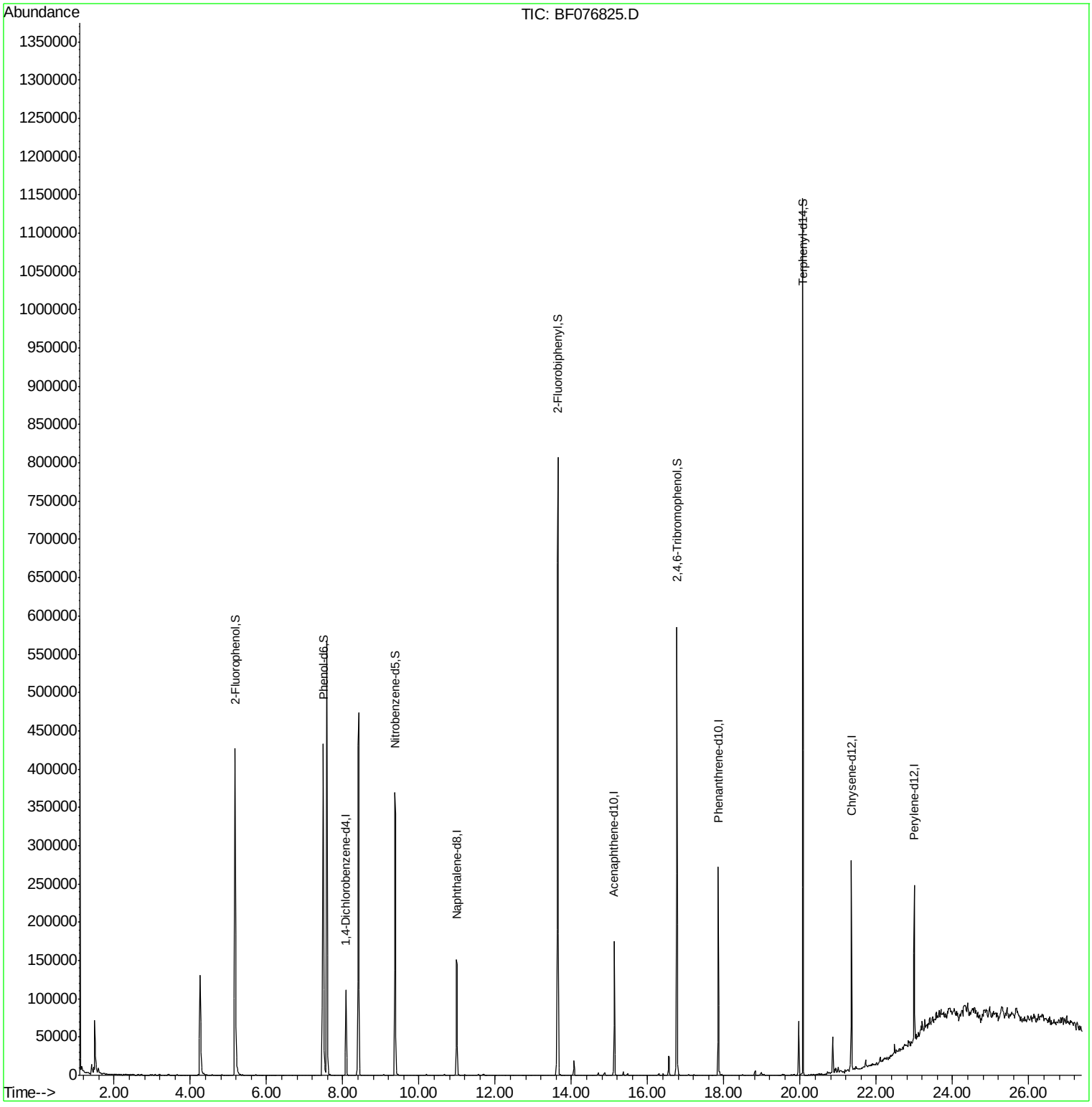
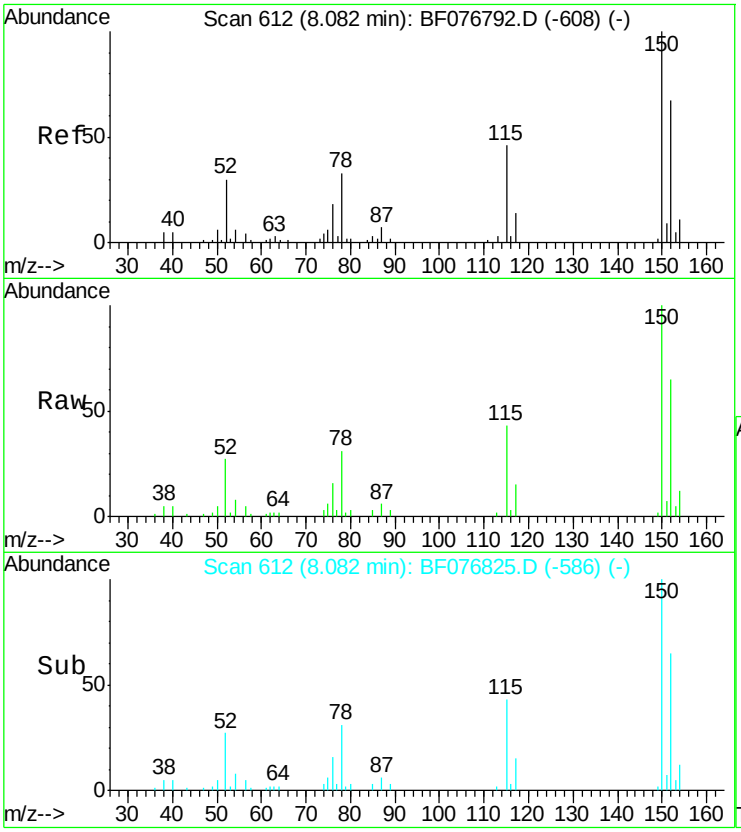


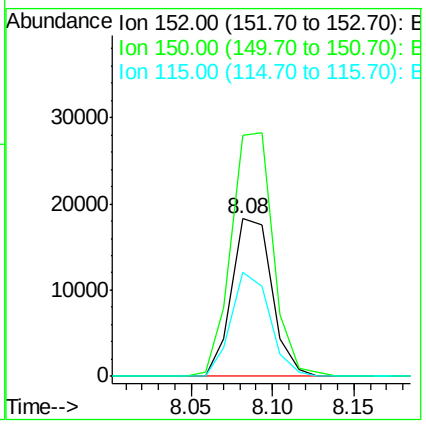


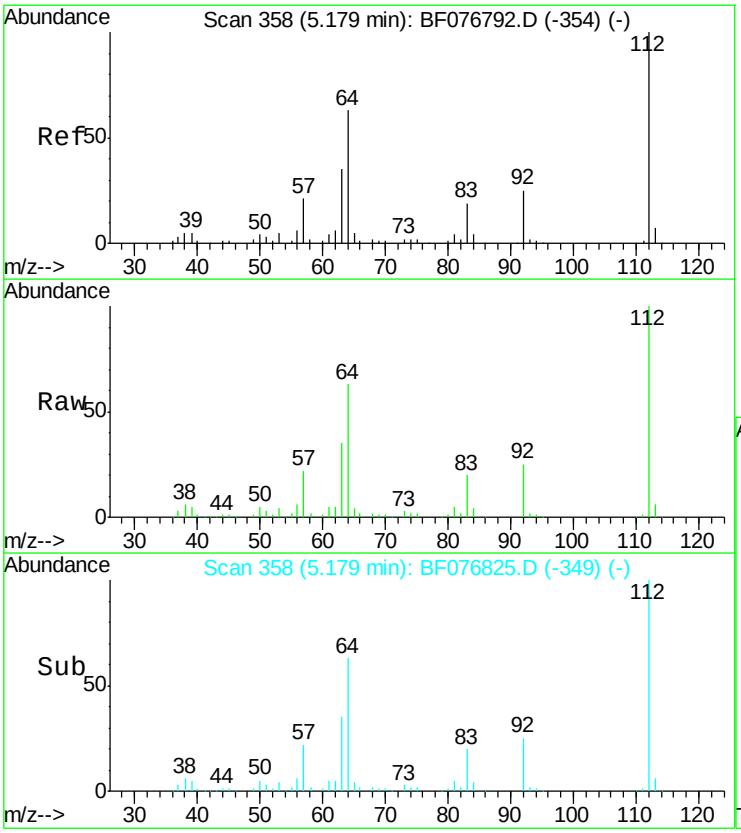
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion:152 Resp: 31041

Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	66.3	54.6	81.8

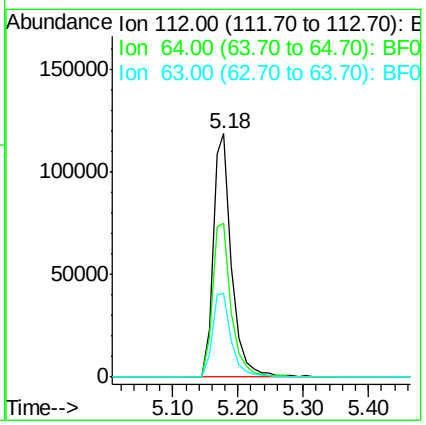


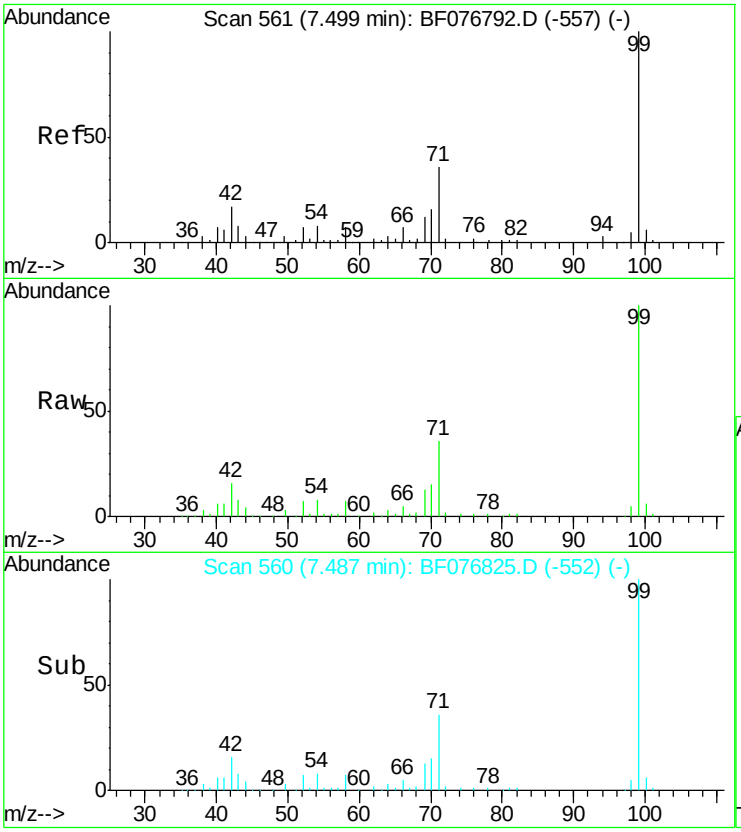


#5
2-Fluorophenol
Concen: 126.84 ng
RT: 5.18 min Scan# 358
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:112 Resp: 235952

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.4
63	34.5	27.8	41.6



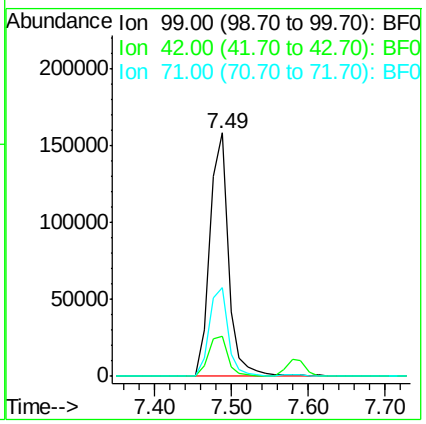


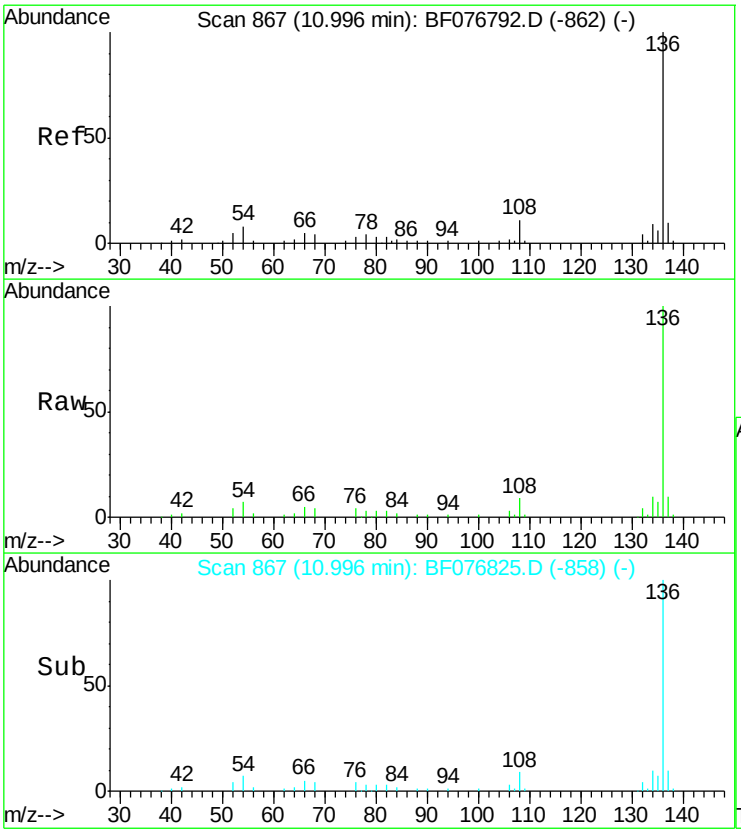
#7
Phenol-d6
Concen: 114.07 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion: 99 Resp: 267146

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.3	19.9
71	36.4	29.2	43.8

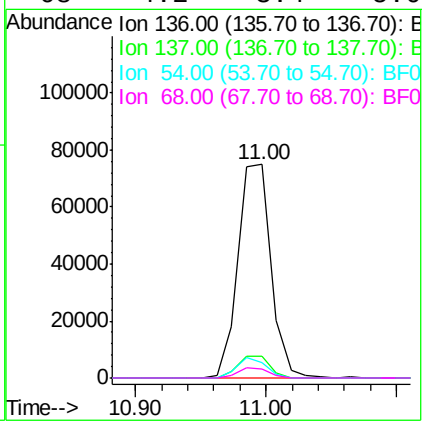


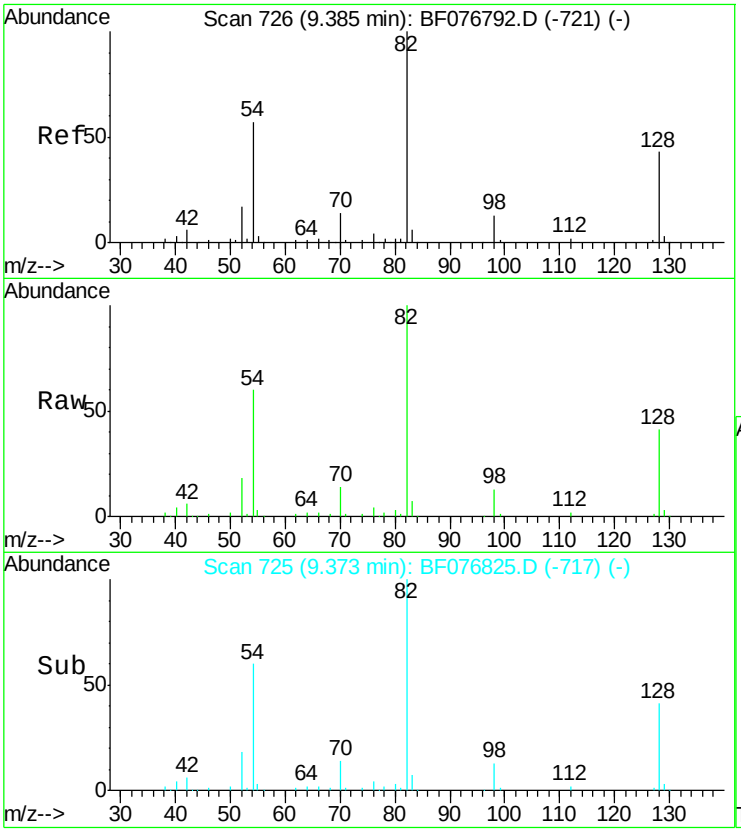


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:136 Resp: 131822

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	7.1	6.3	9.5
68	4.2	3.4	5.0



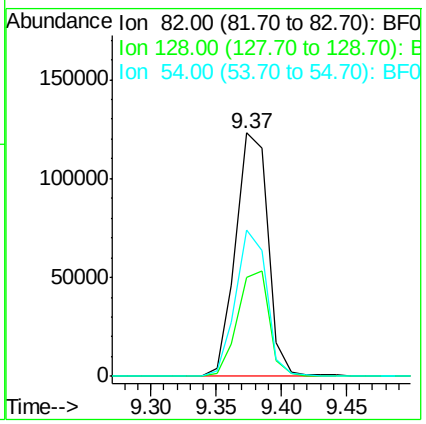


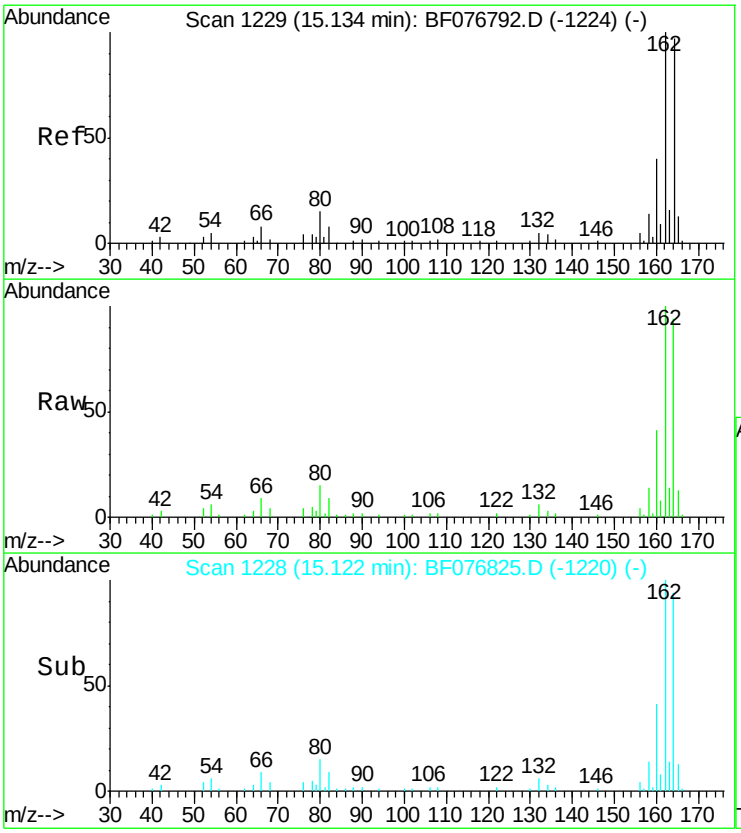
#23
Nitrobenzene-d5
Concen: 89.76 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion: 82 Resp: 212920

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	60.3	45.6	68.4

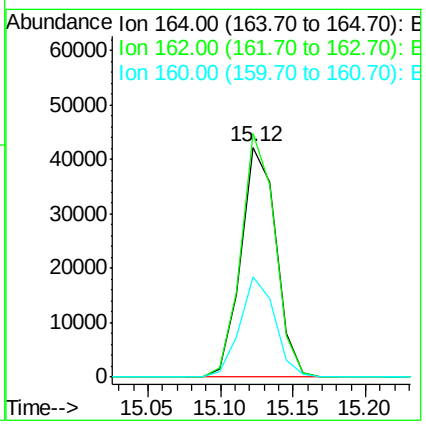


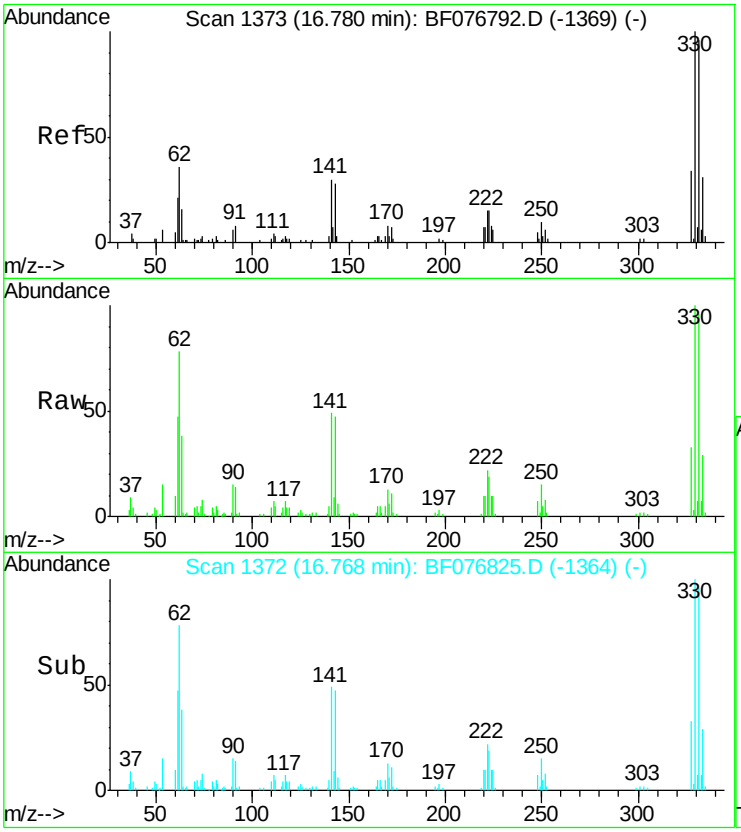


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:164 Resp: 70960

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.5	123.7
160	43.5	33.1	49.7



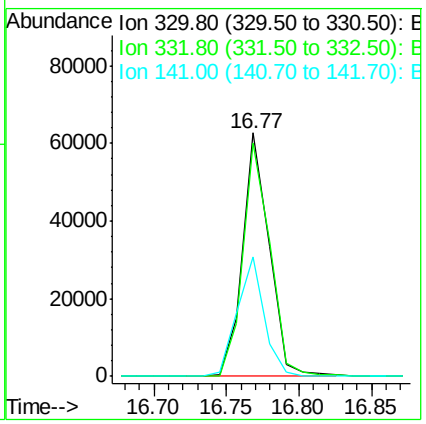


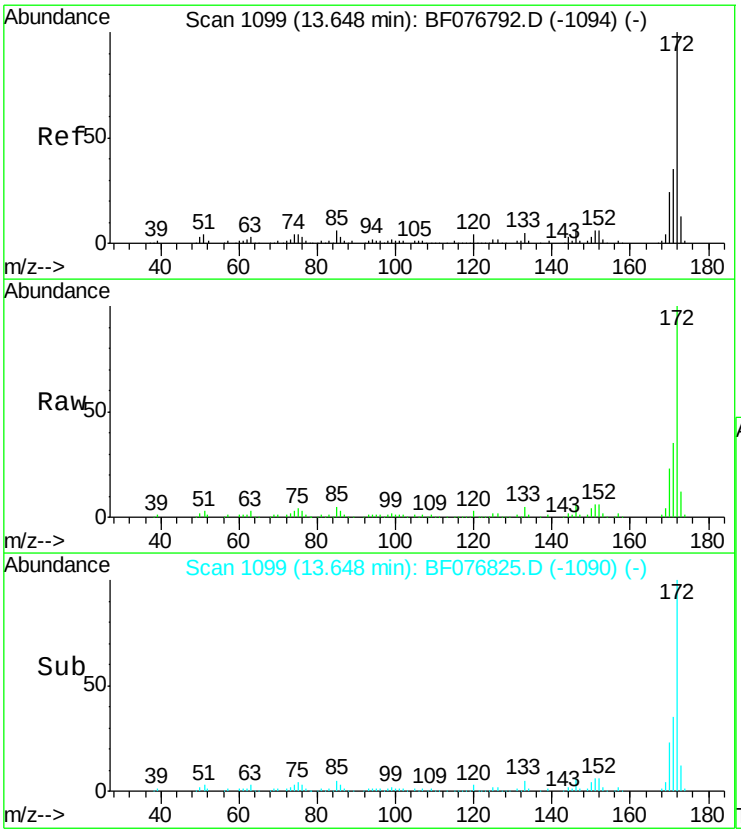
#41
2,4,6-Tribromophenol
Concen: 134.61 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion:330 Resp: 79726

Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.8	112.2
141	49.4	42.4	63.6

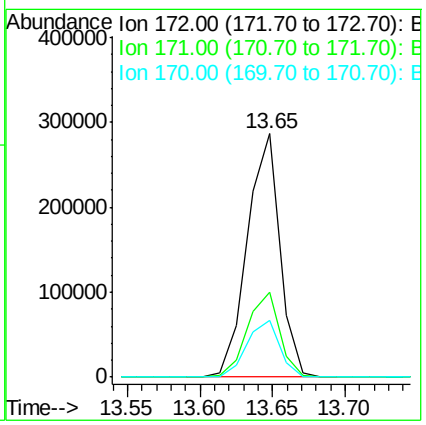


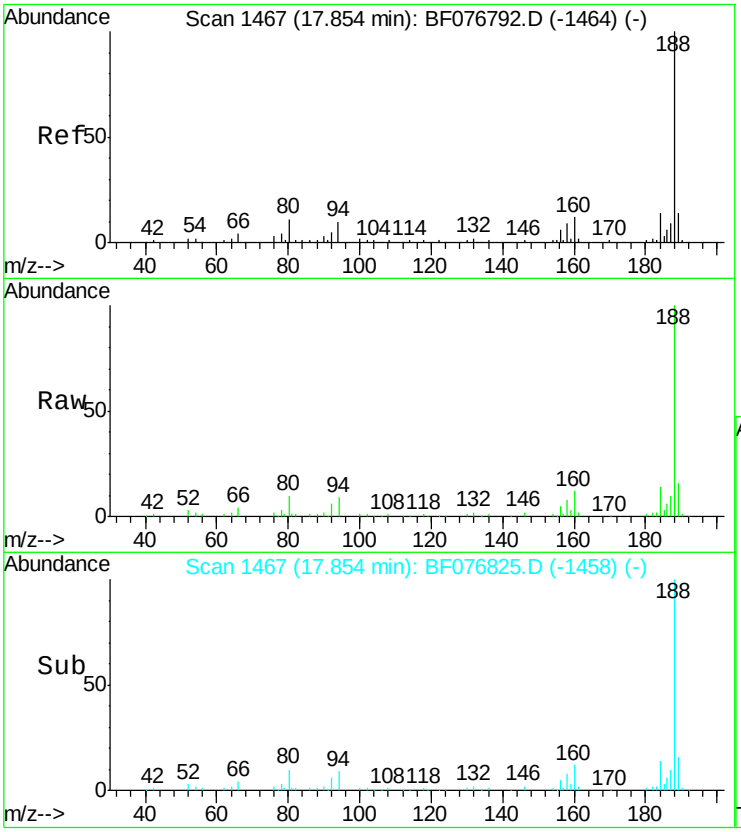


#44
2-Fluorobiphenyl
Concen: 92.74 ng
RT: 13.65 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:172 Resp: 447152

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.4	18.8	28.2



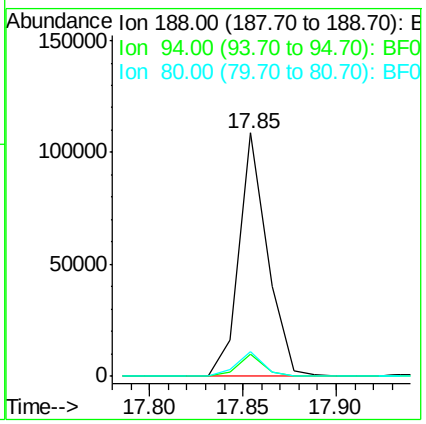


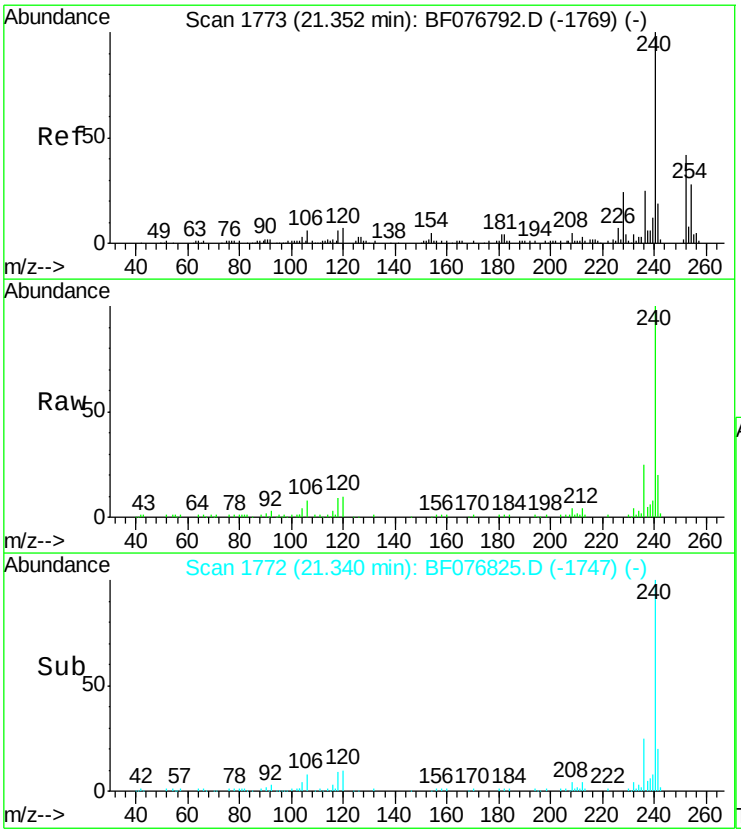
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion:188 Resp: 115179

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.6
80	9.9	8.6	13.0

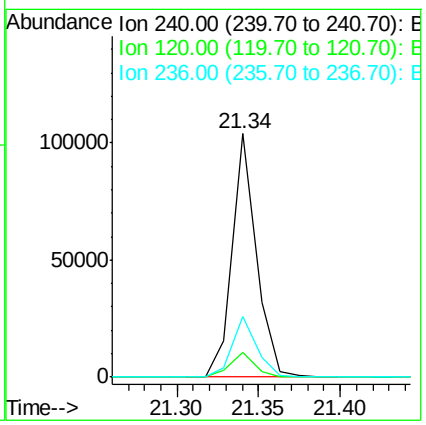


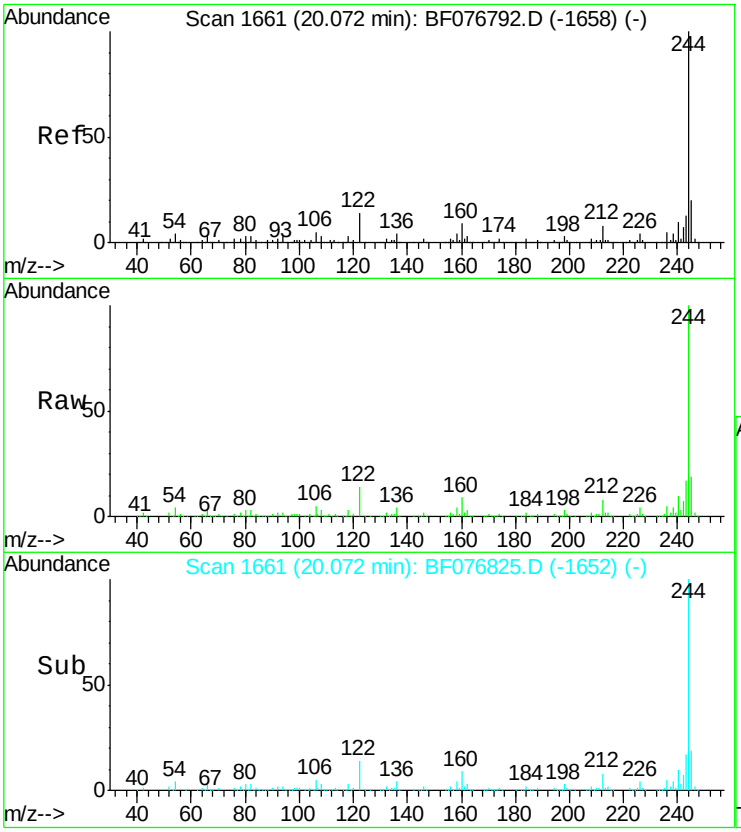


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:240 Resp: 105758

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.7	8.5#
236	24.8	19.7	29.5



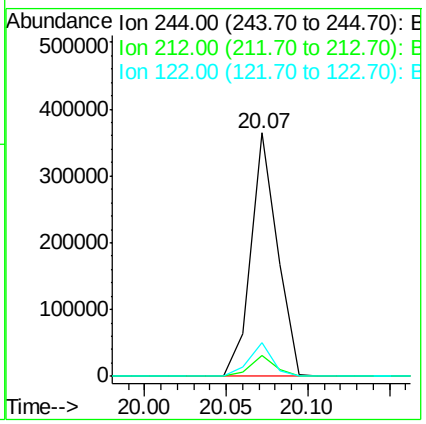


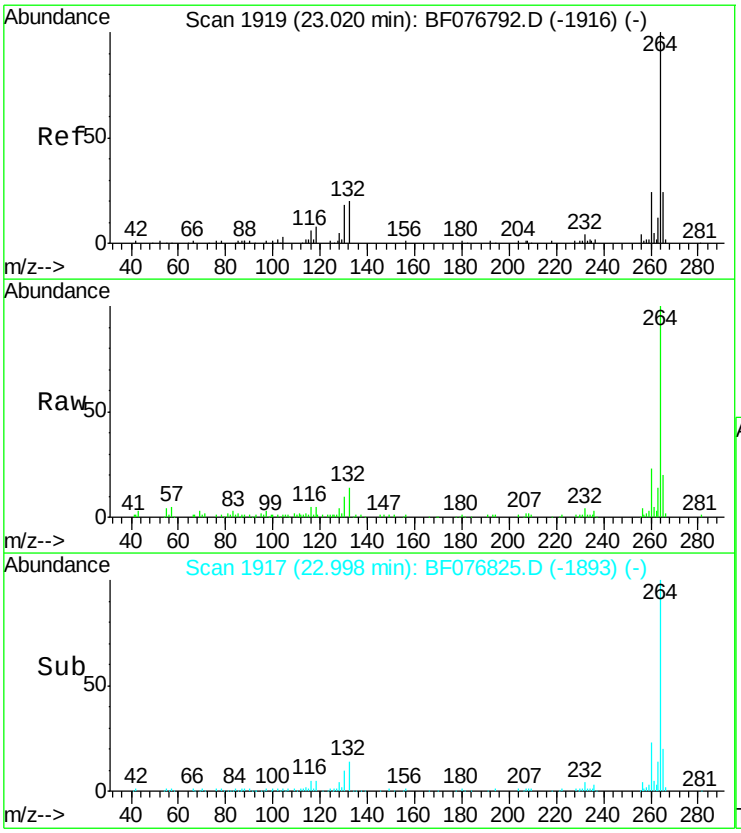
#78
Terphenyl-d14
Concen: 85.41 ng
RT: 20.07 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion:244 Resp: 411419

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	13.7	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:264 Resp: 93149

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	20.3	18.9	28.3