Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077133.D
Acq On : 29 Jan 2015 20:30
Operator : TP/IZ
Sample : G1178-04
Misc : S
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-COMPOSITE4

Quant Time: Jan 30 02:42:33 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	29109	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120171	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	66284	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	112905	20.00	ng	0.00
75) Chrysene-d12	21.07	240	113341	20.00	ng	-0.01
86) Perylene-d12	22.70	264	107517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	174197	98.39	ng	0.00
7) Phenol-d6	7.10	99	196330	87.91	ng	0.00
23) Nitrobenzene-d5	8.98	82	154642	71.29	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	59550	110.68	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	313554	71.99	ng	0.00
78) Terphenyl-d14	19.81	244	346045	70.29	ng	0.00
Target Compounds						Qvalue
76) Benzidine	19.50	184	44262	12.20	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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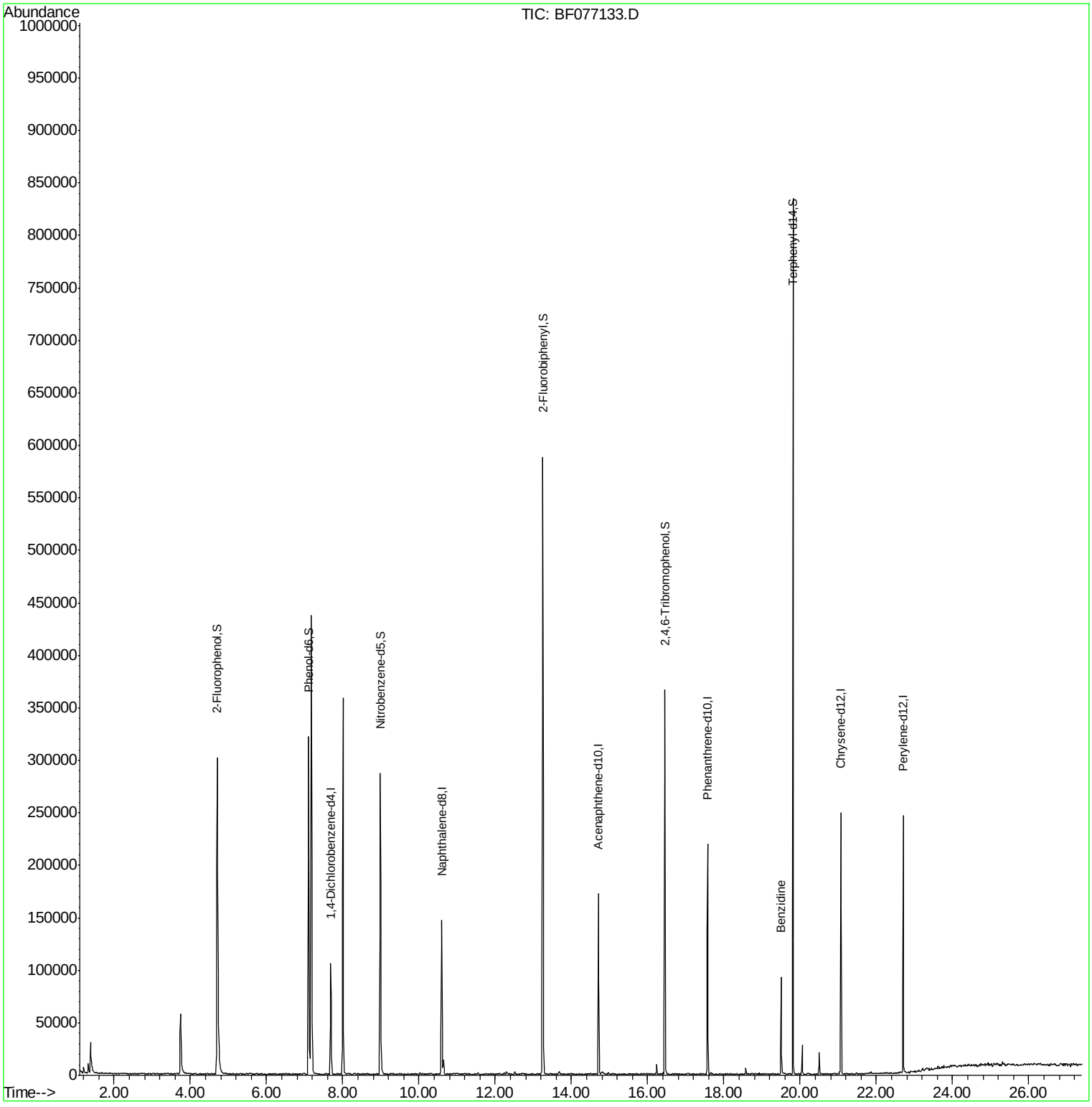
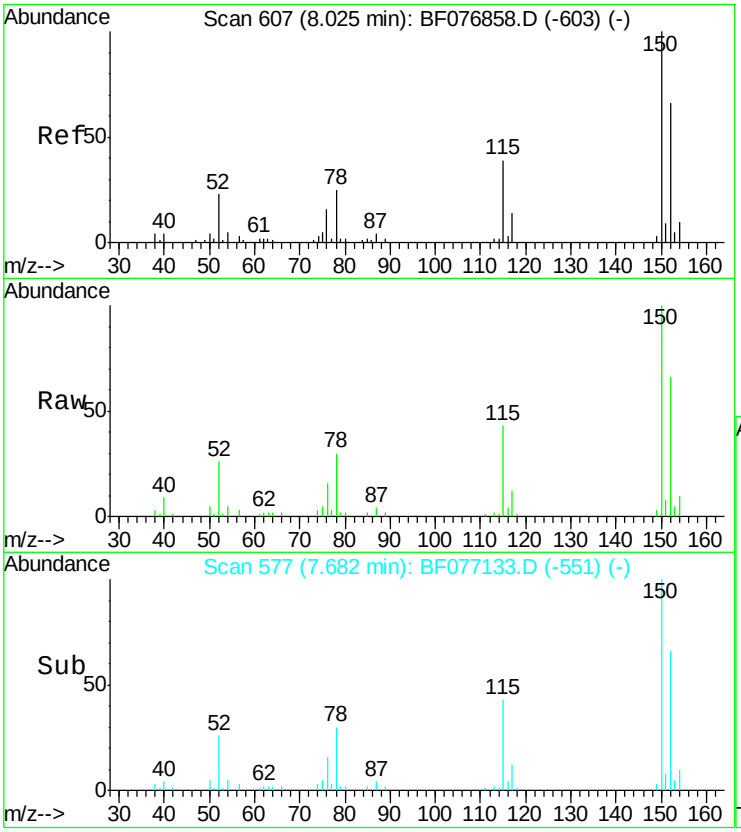


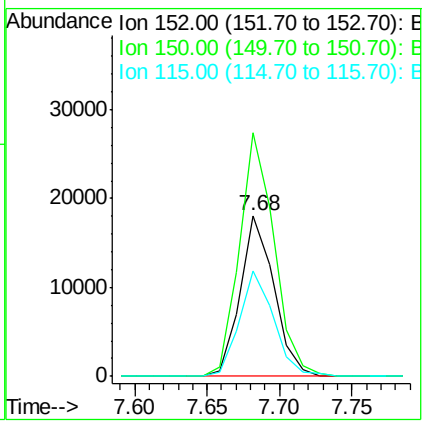


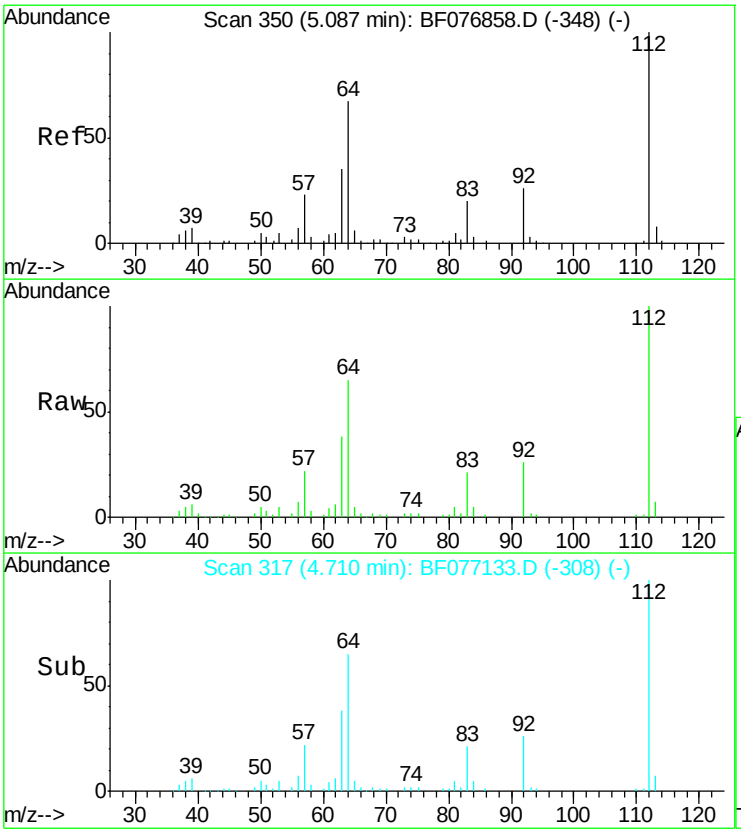
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion:152 Resp: 29109

Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.7	182.5
115	65.5	47.0	70.6

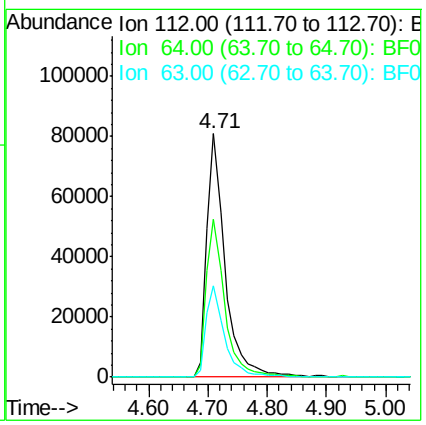


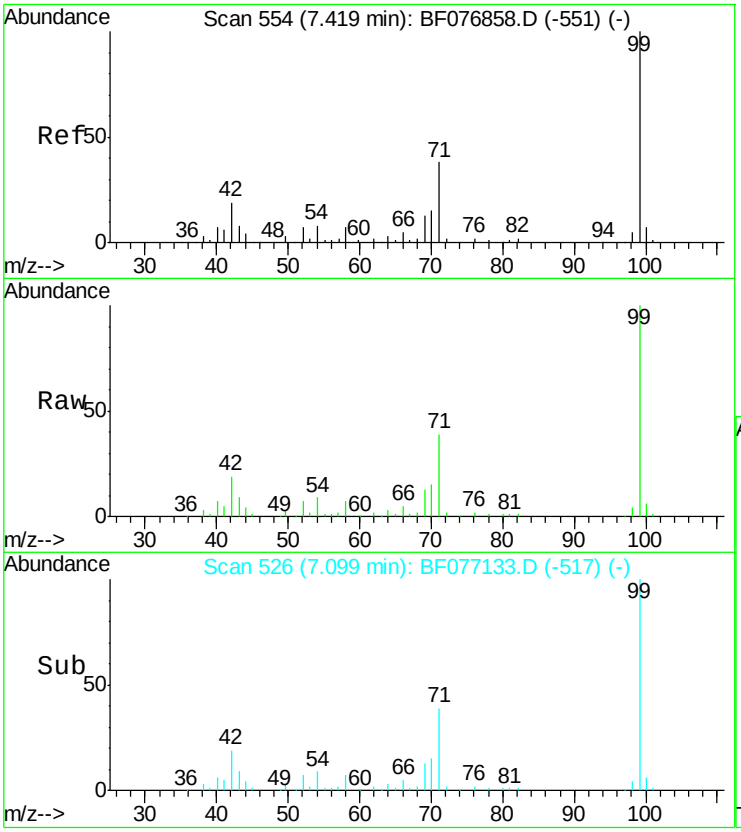


#5
2-Fluorophenol
Concen: 98.39 ng
RT: 4.71 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:112 Resp: 174197

Ion	Ratio	Lower	Upper
112	100		
64	64.7	54.2	81.4
63	37.7	28.4	42.6



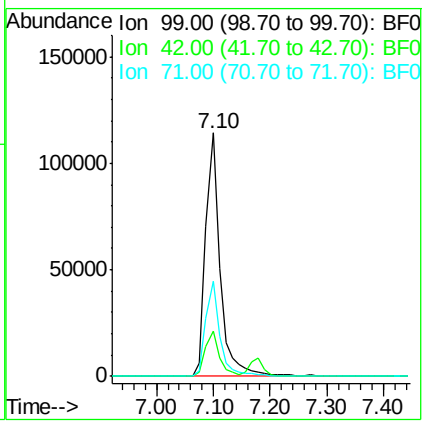


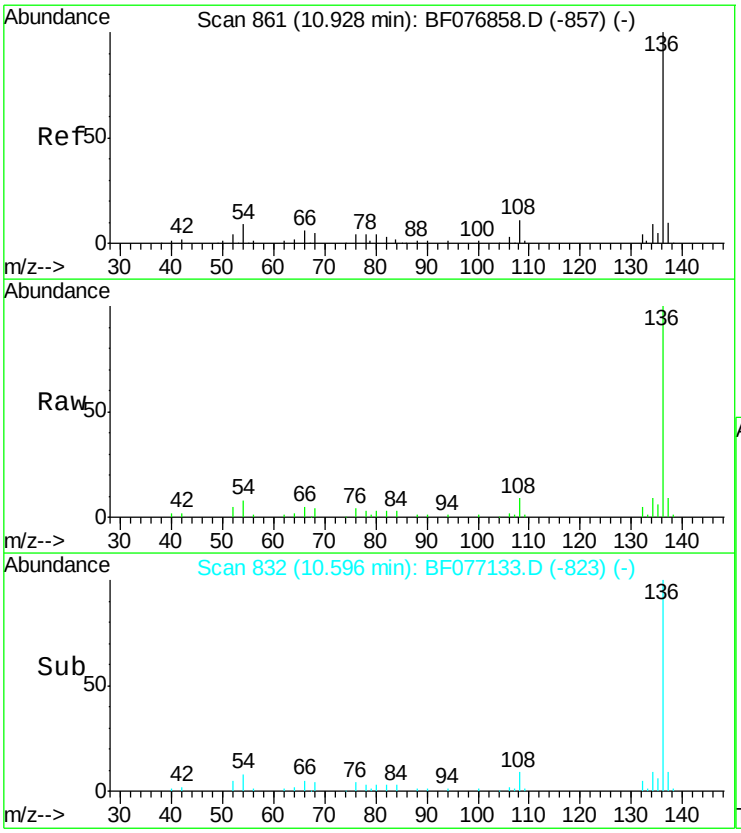
#7
Phenol-d6
Concen: 87.91 ng
RT: 7.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion: 99 Resp: 196330

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	39.2	30.5	45.7

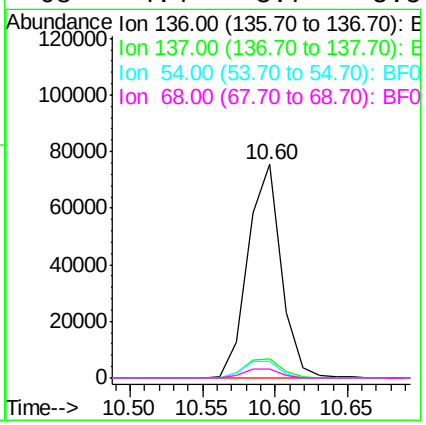


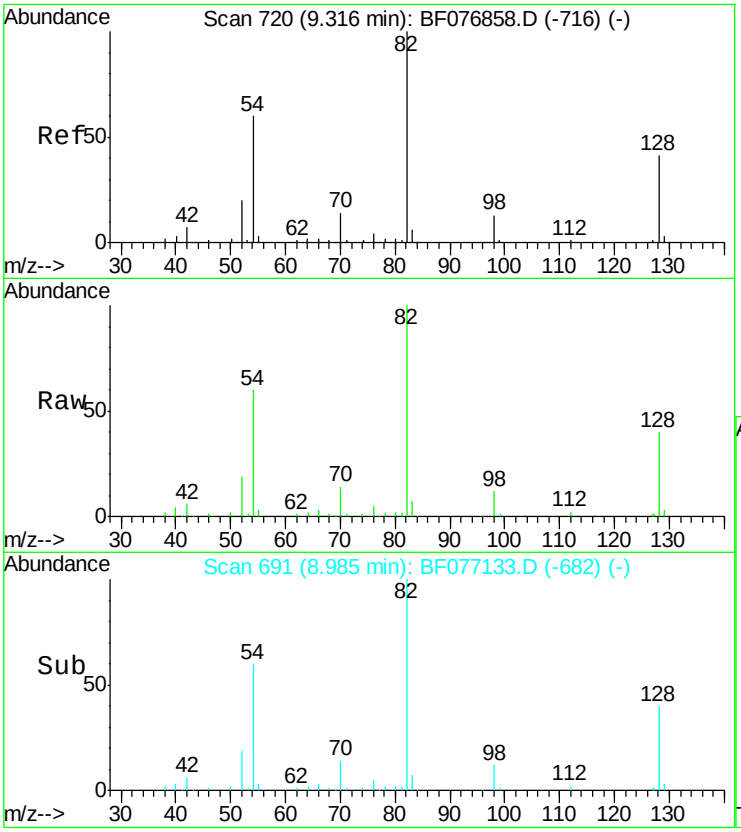


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:136 Resp: 120171

Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.1	12.1
54	7.6	7.0	10.4
68	4.4	3.7	5.5



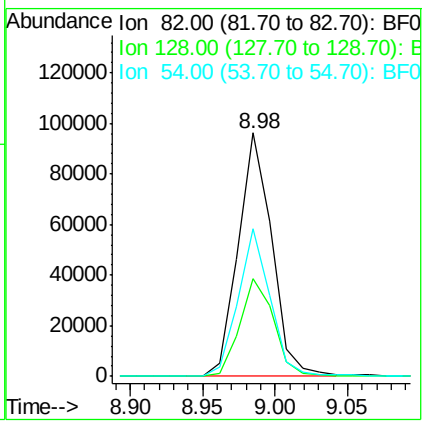


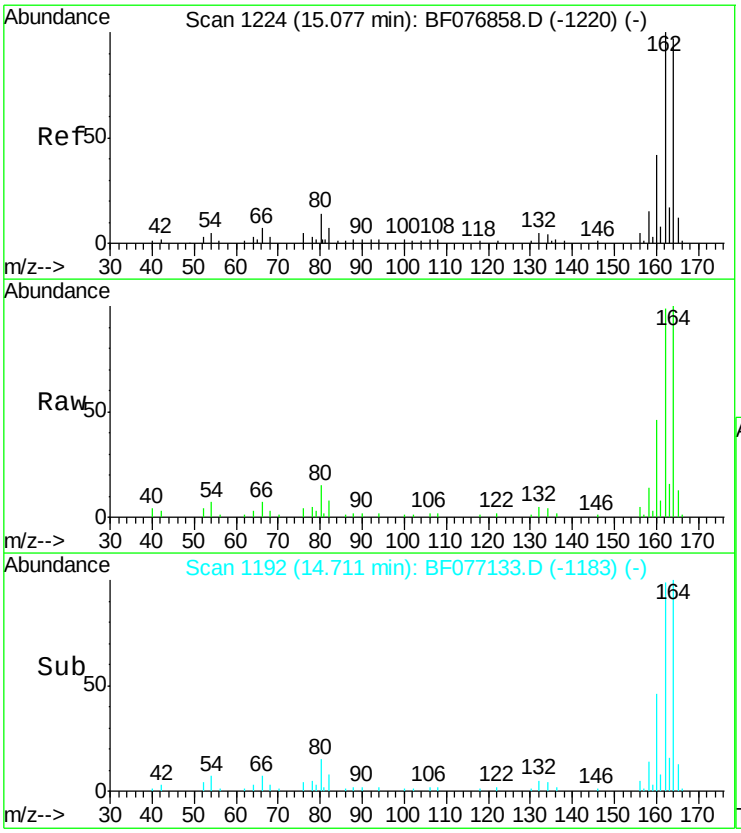
#23
Nitrobenzene-d5
Concen: 71.29 ng
RT: 8.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion: 82 Resp: 154642

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.1	49.7
54	60.5	48.3	72.5

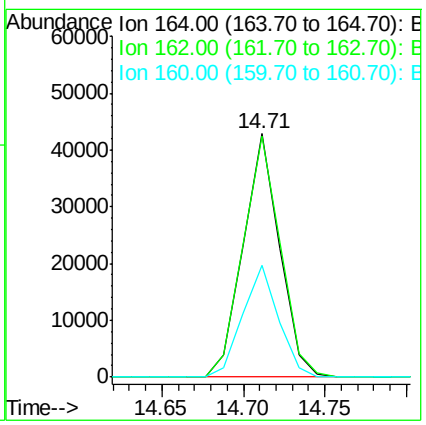


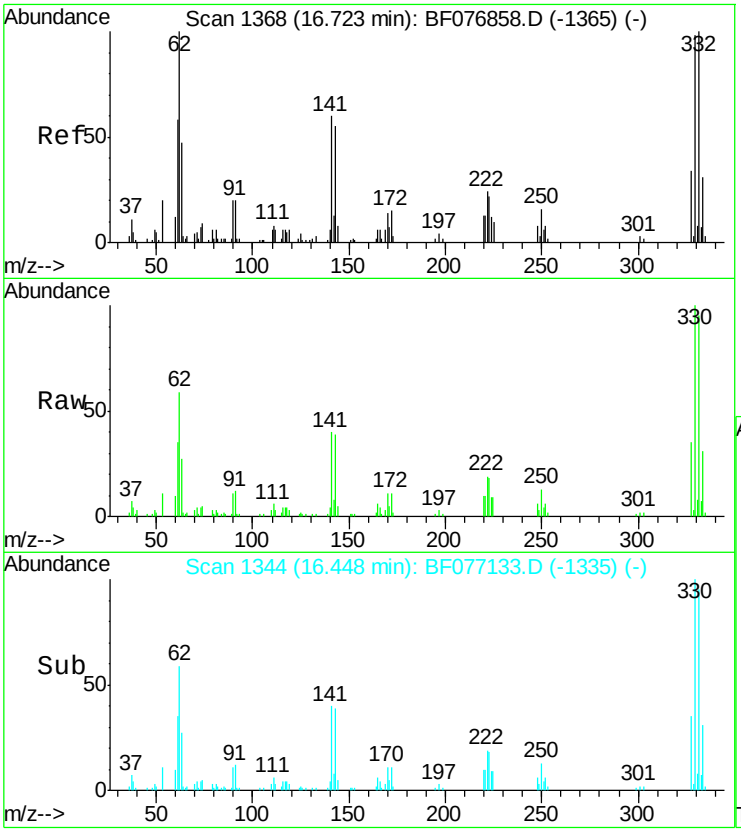


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:164 Resp: 66284

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	45.8	34.8	52.2



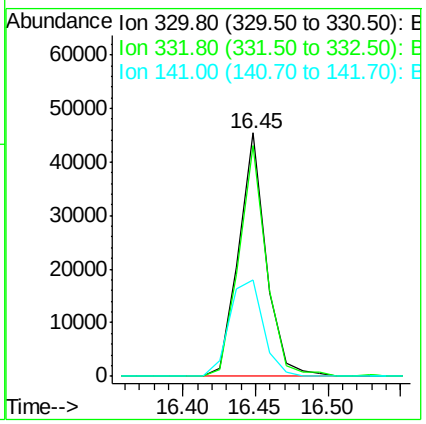


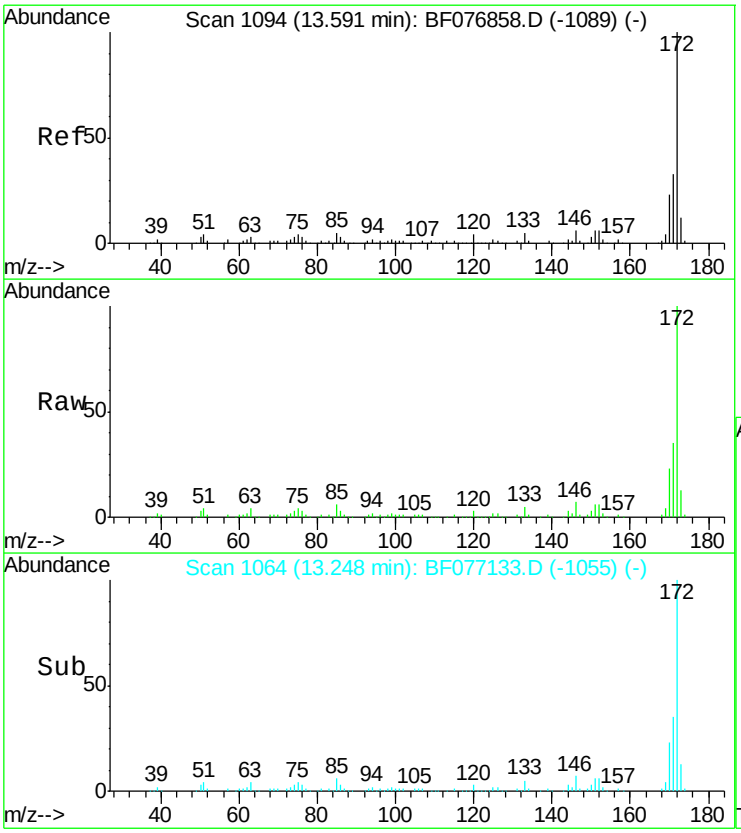
#41
2,4,6-Tribromophenol
Concen: 110.68 ng
RT: 16.45 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion:330 Resp: 59550

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	48.7	38.5	57.7

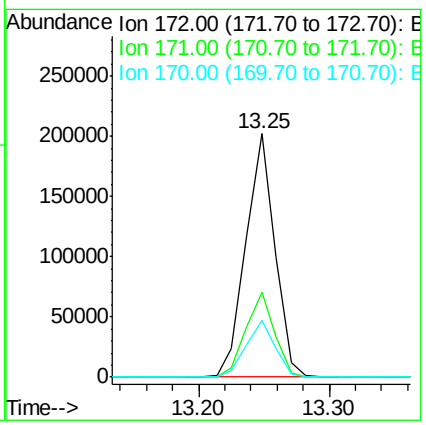


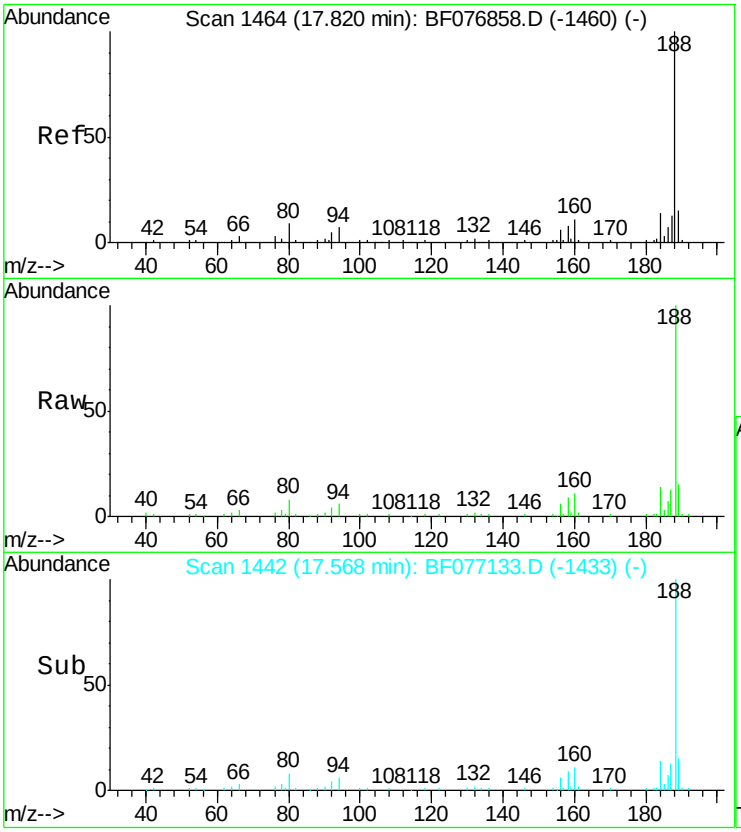


#44
2-Fluorobiphenyl
Concen: 71.99 ng
RT: 13.25 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:172 Resp: 313554

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.6	40.0
170	23.5	18.0	27.0



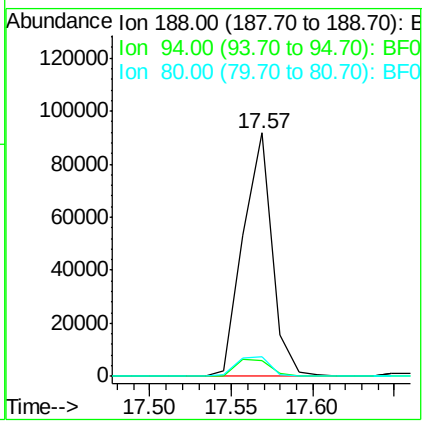


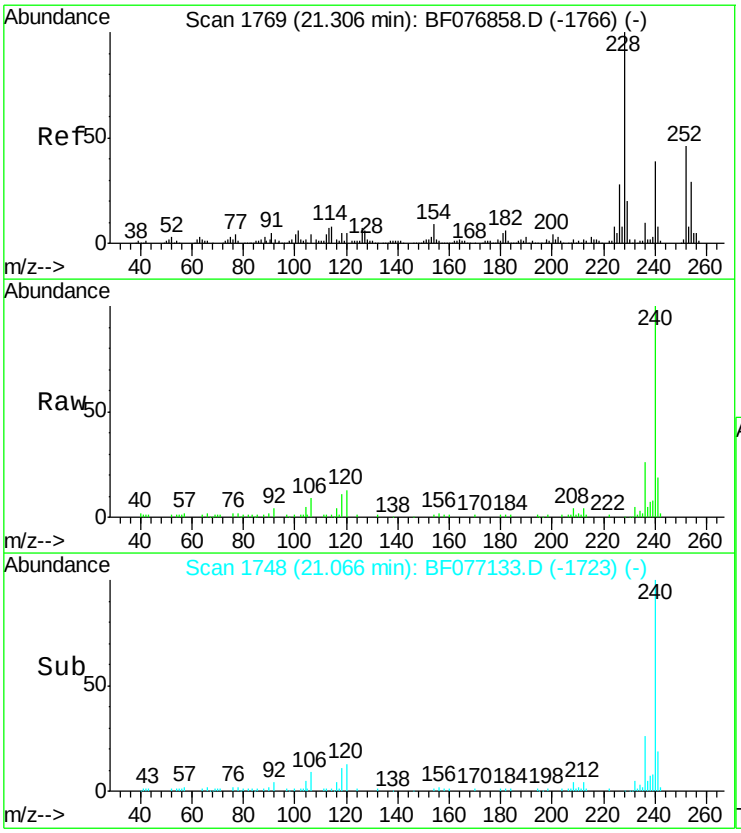
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion:188 Resp: 112905

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.0	9.0
80	7.8	6.9	10.3

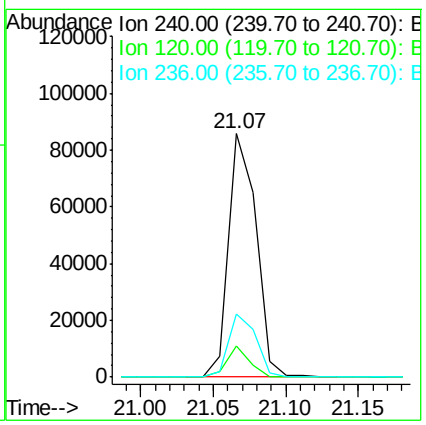


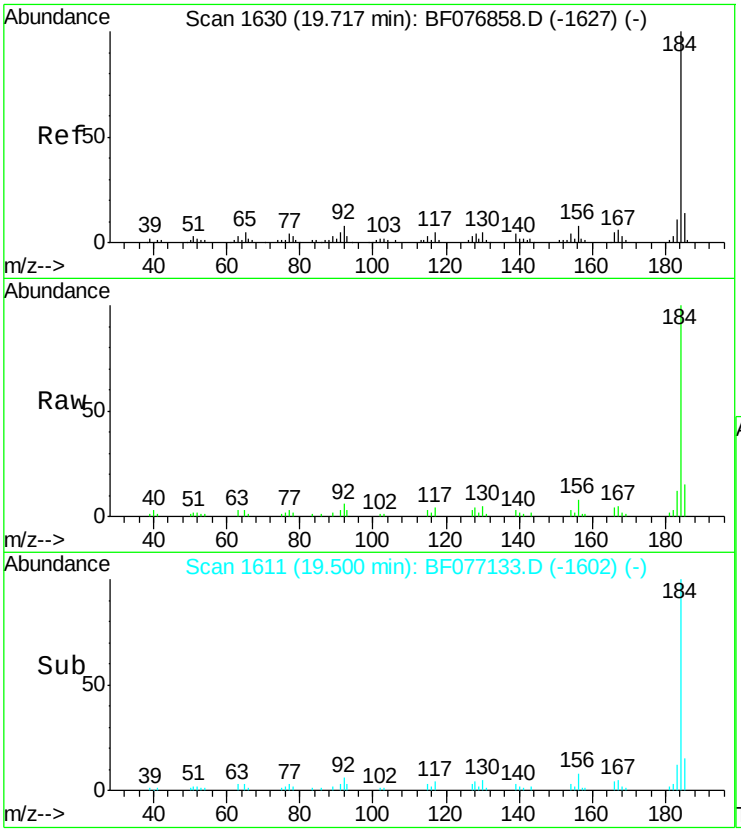


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:240 Resp: 113341

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.4	15.6
236	25.8	20.2	30.2



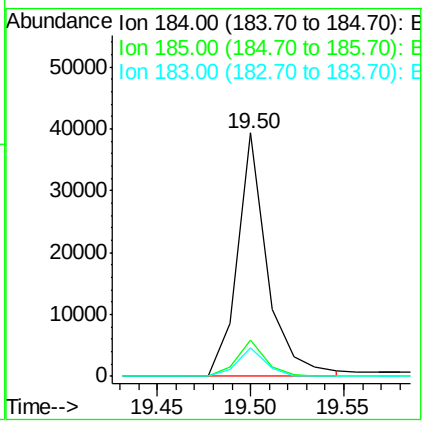


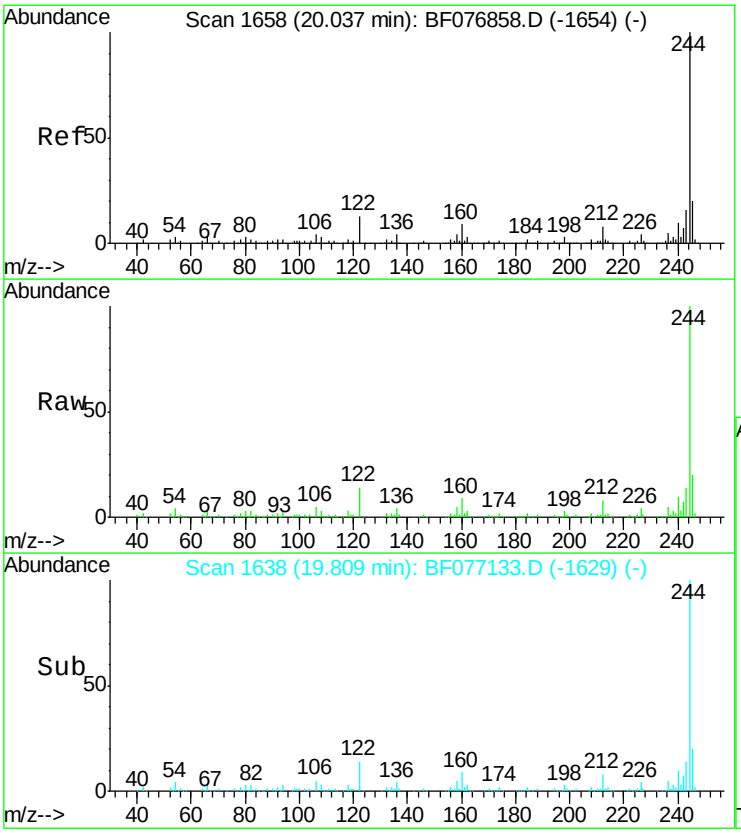
#76
Benzidine
Concen: 12.20 ng
RT: 19.50 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion:184 Resp: 44262

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.4	17.2
183	11.7	9.0	13.6

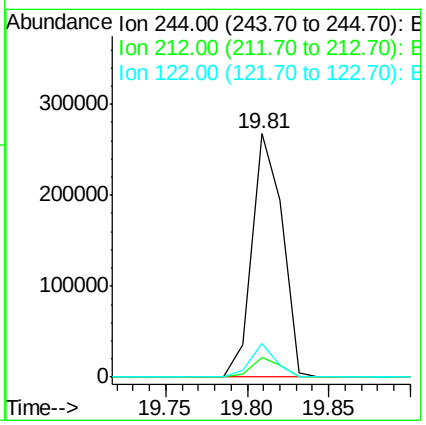


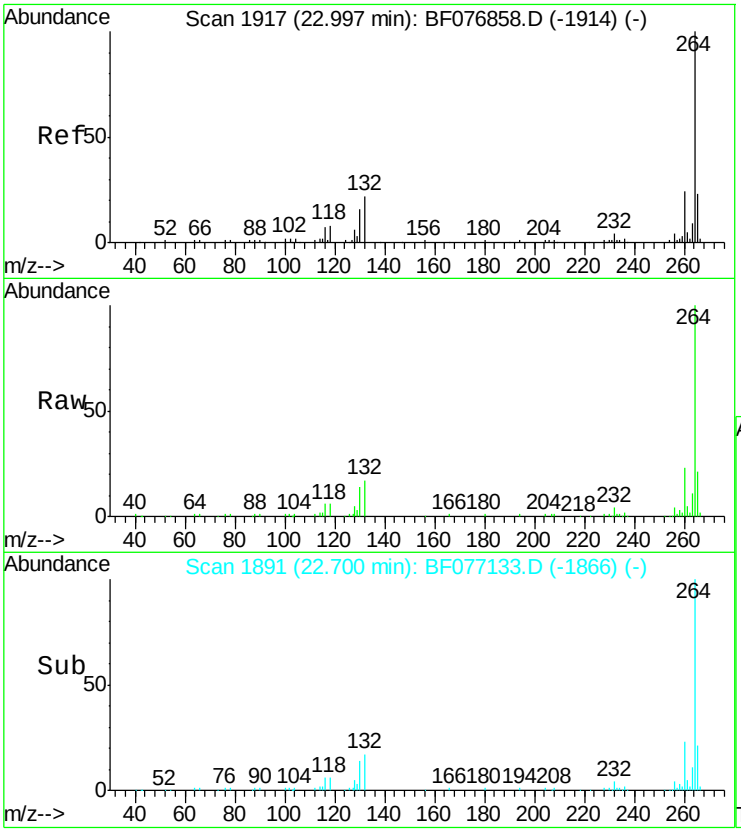


#78
Terphenyl-d14
Concen: 70.29 ng
RT: 19.81 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Tgt Ion:244 Resp: 346045

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	13.9	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.70 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion:264 Resp: 107517

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.5	18.1	27.1