Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076981.D
Acq On : 21 Jan 2015 3:05
Operator : IZ / TP
Sample : G1101-08
Misc : W
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11M

Quant Time: Jan 21 04:02:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 01:04:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	32000	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	132086	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	70360	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	122737	20.00	ng	0.00
75) Chrysene-d12	21.23	240	119864	20.00	ng	-0.01
86) Perylene-d12	22.87	264	100580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	101273	52.03	ng	0.00
7) Phenol-d6	7.32	99	79048	32.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	200788	84.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	70146	122.82	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	415143	89.79	ng	0.00
78) Terphenyl-d14	19.97	244	436299	83.80	ng	0.00
Target Compounds						Qvalue

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

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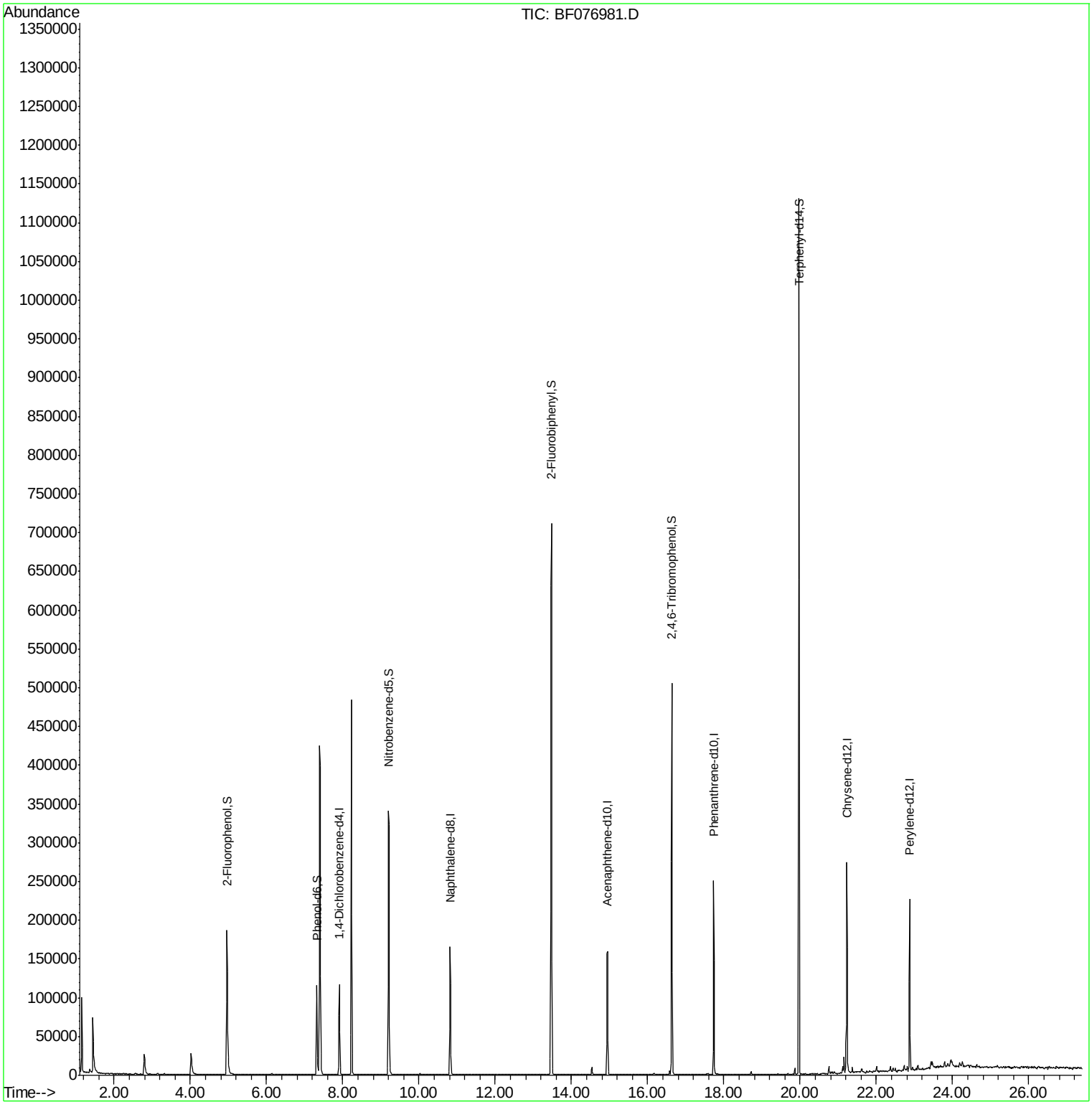
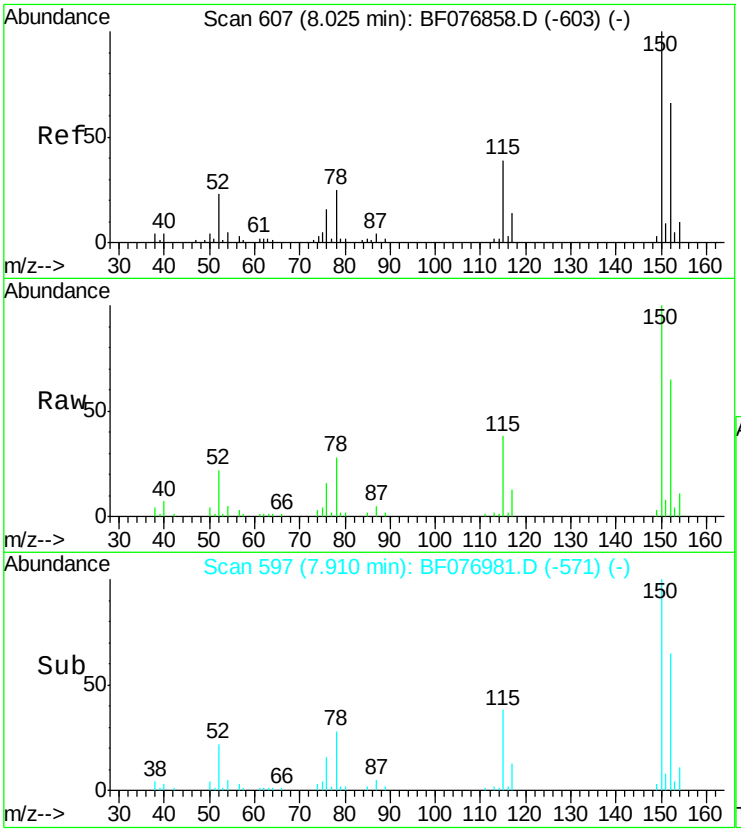


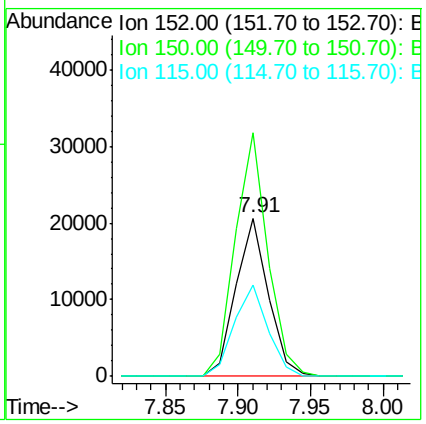


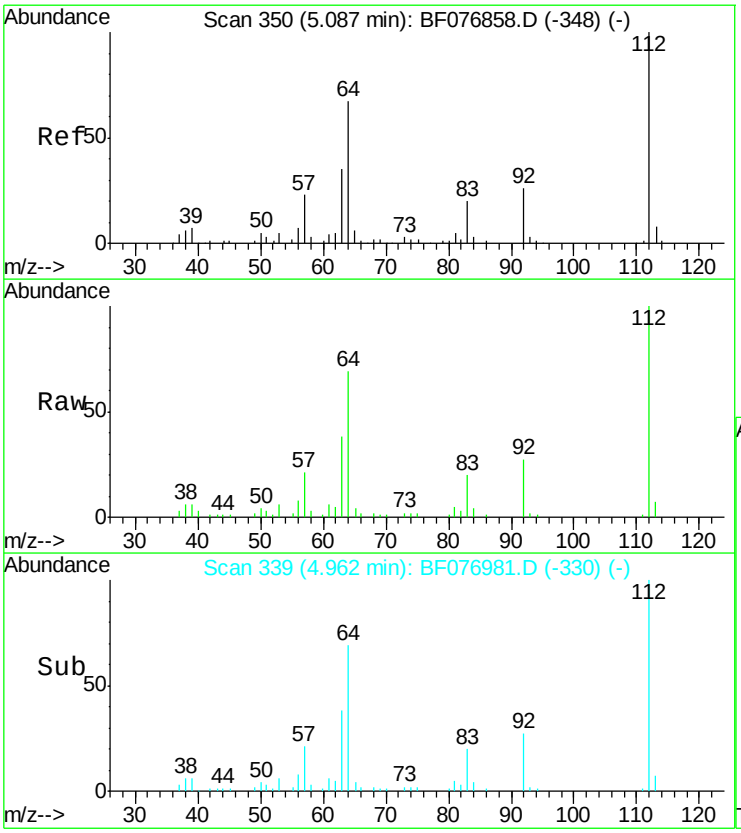
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:152 Resp: 32000

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.7	182.5
115	57.7	47.0	70.6

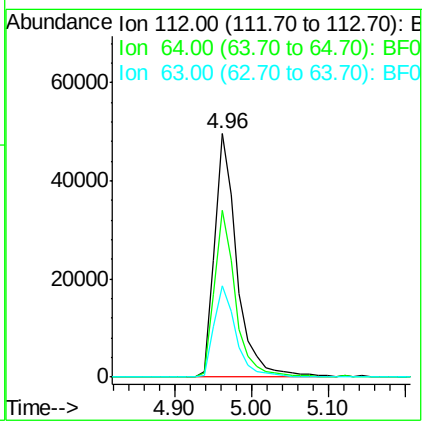


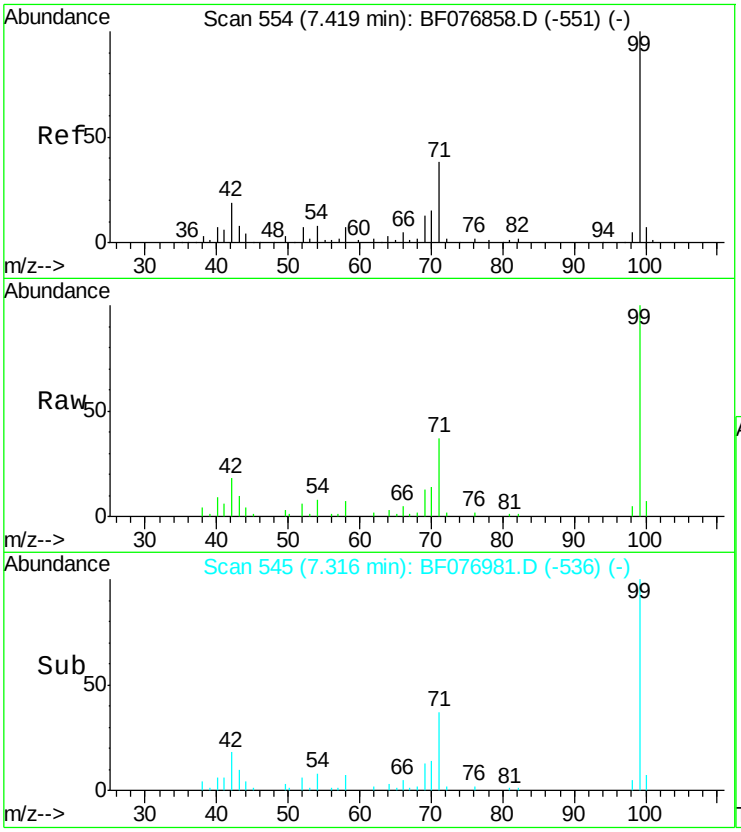


#5
2-Fluorophenol
Concen: 52.03 ng
RT: 4.96 min Scan# 339
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:112 Resp: 101273

Ion	Ratio	Lower	Upper
112	100		
64	68.6	54.2	81.4
63	37.7	28.4	42.6



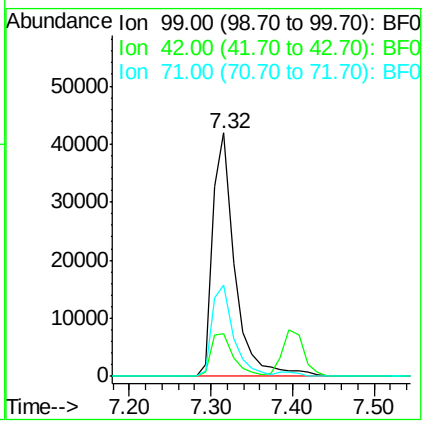


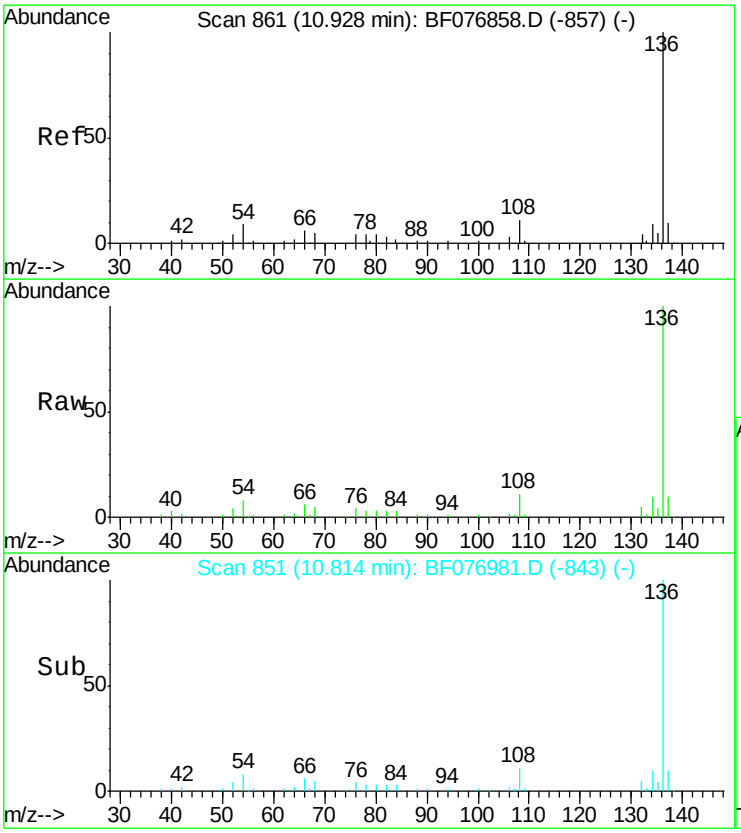
#7
Phenol-d6
Concen: 32.20 ng
RT: 7.32 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion: 99 Resp: 79048

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	37.3	30.5	45.7

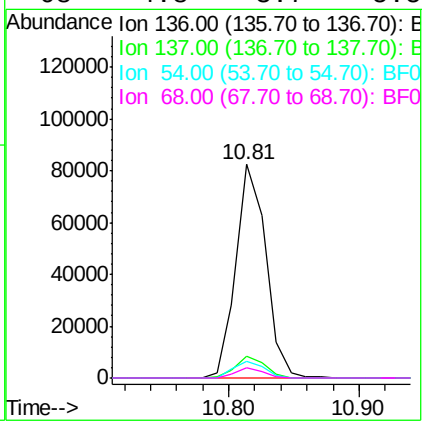


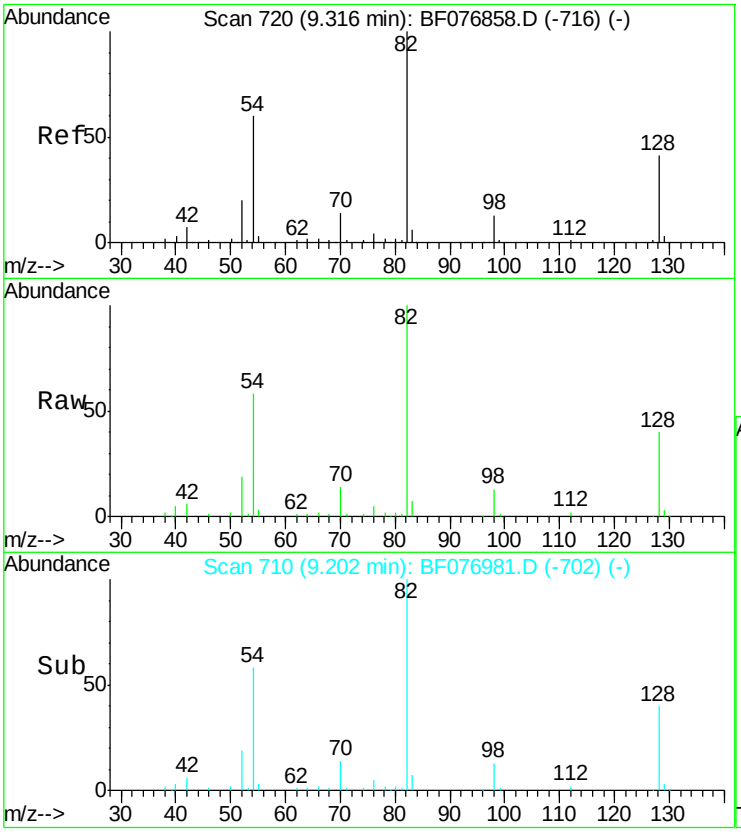


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:136 Resp: 132086

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	8.1	7.0	10.4
68	4.8	3.7	5.5



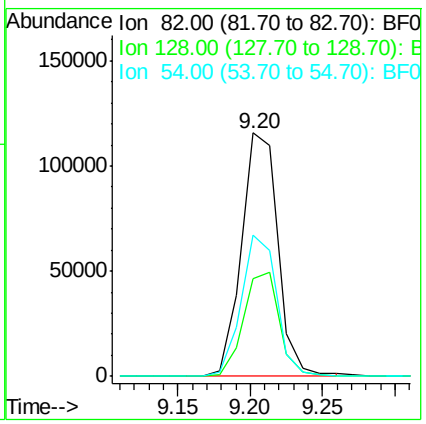


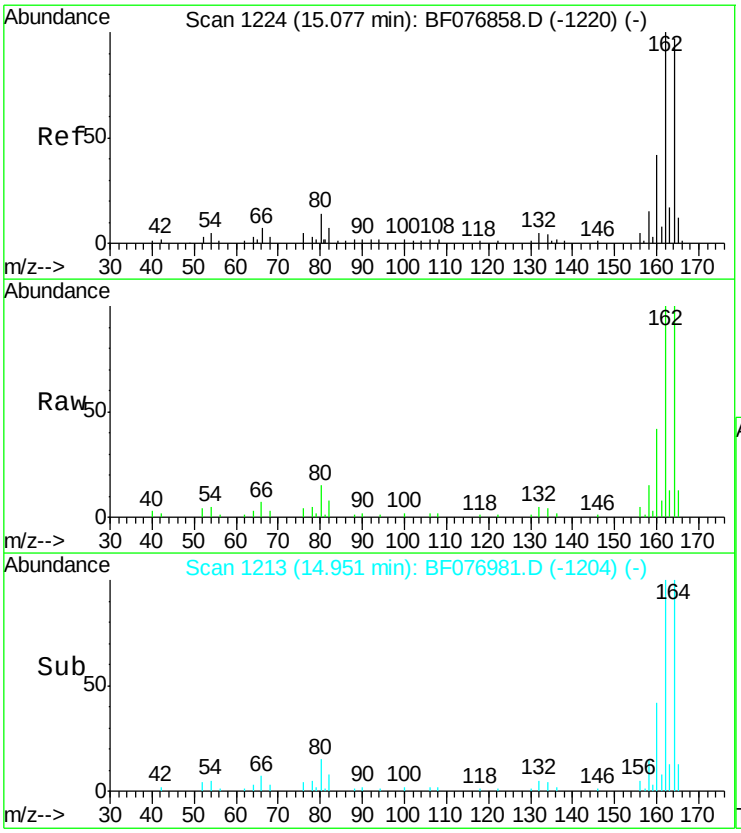
#23
Nitrobenzene-d5
Concen: 84.22 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion: 82 Resp: 200788

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.1	49.7
54	58.2	48.3	72.5

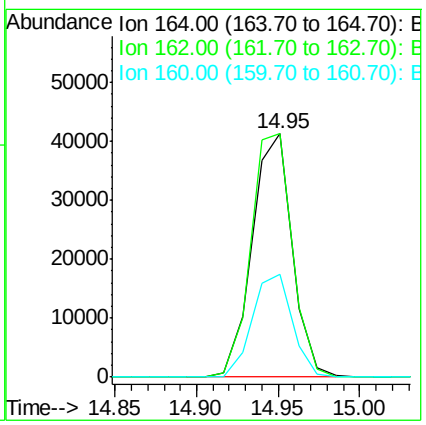


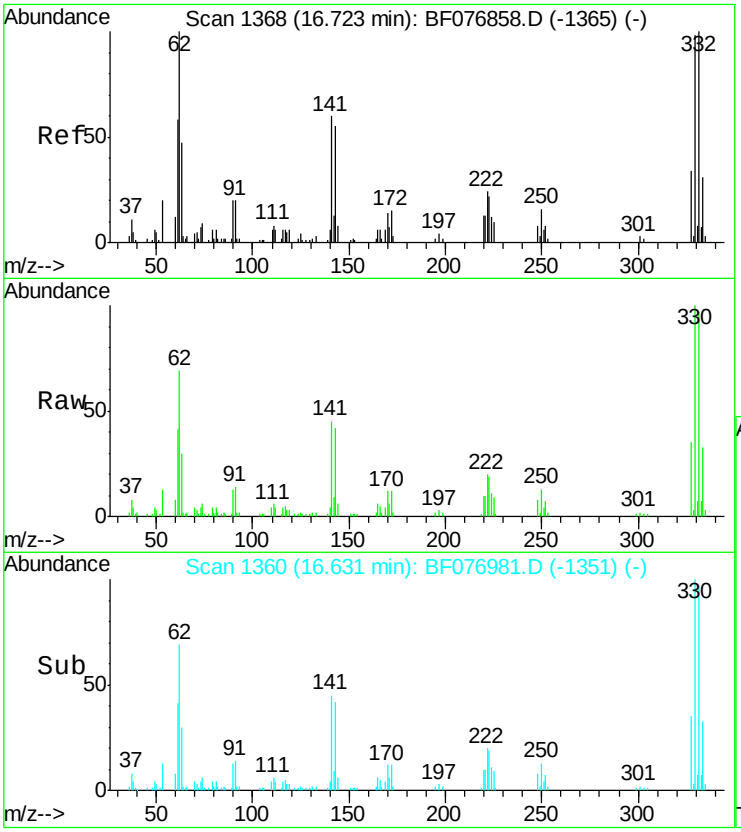


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:164 Resp: 70360

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.4	123.6
160	42.4	34.8	52.2



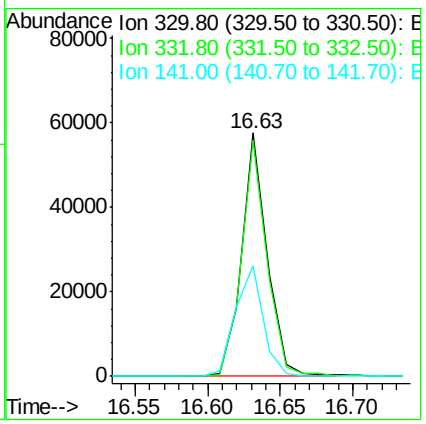


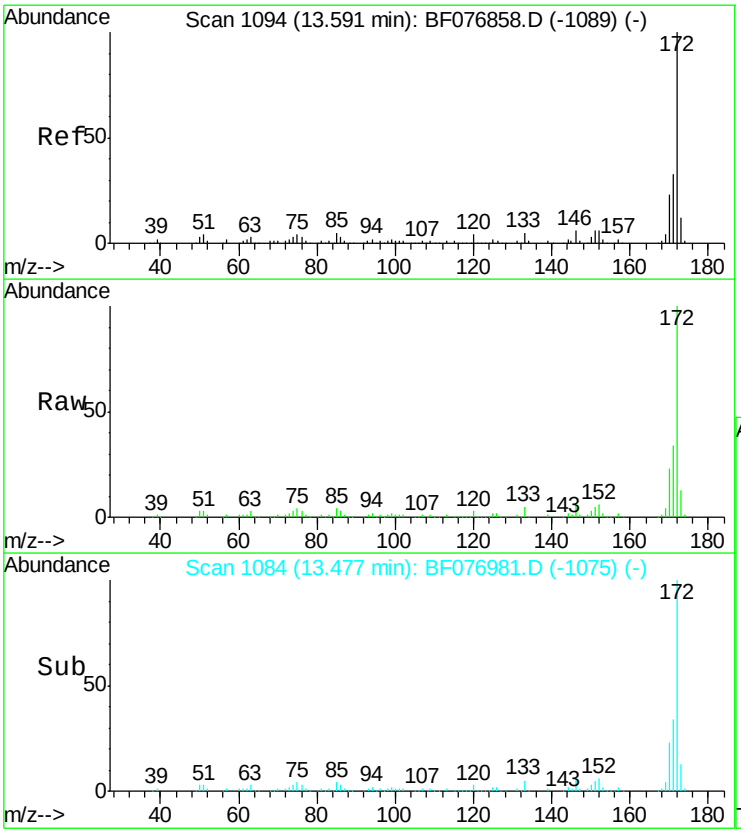
#41
2,4,6-Tribromophenol
Concen: 122.82 ng
RT: 16.63 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:330 Resp: 70146

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	49.0	38.5	57.7

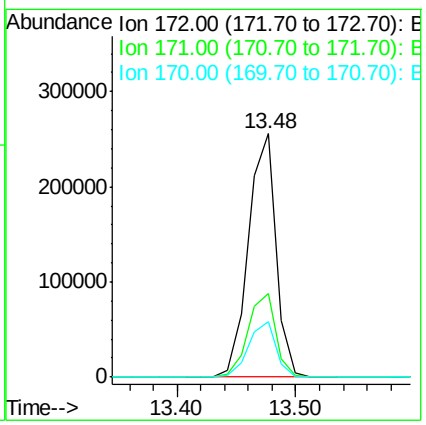


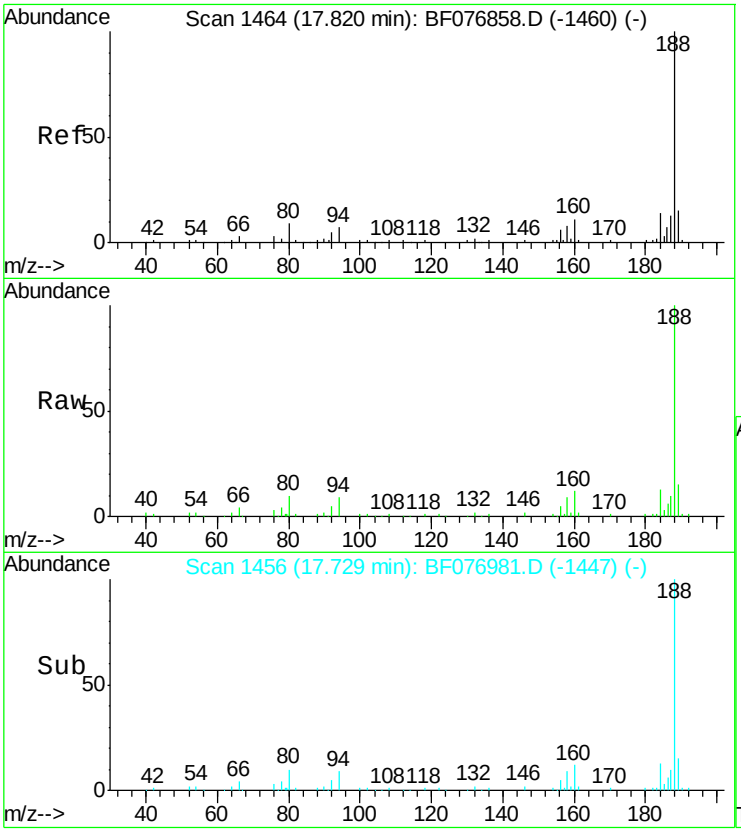


#44
2-Fluorobiphenyl
Concen: 89.79 ng
RT: 13.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:172 Resp: 415143

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.6	40.0
170	22.7	18.0	27.0



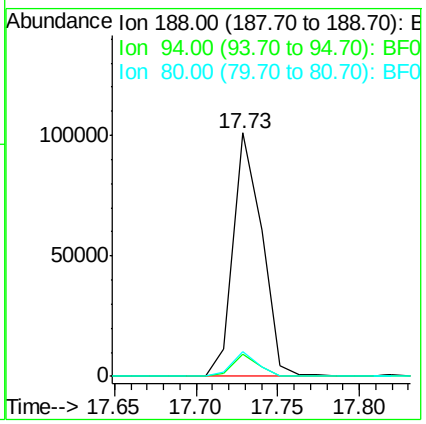


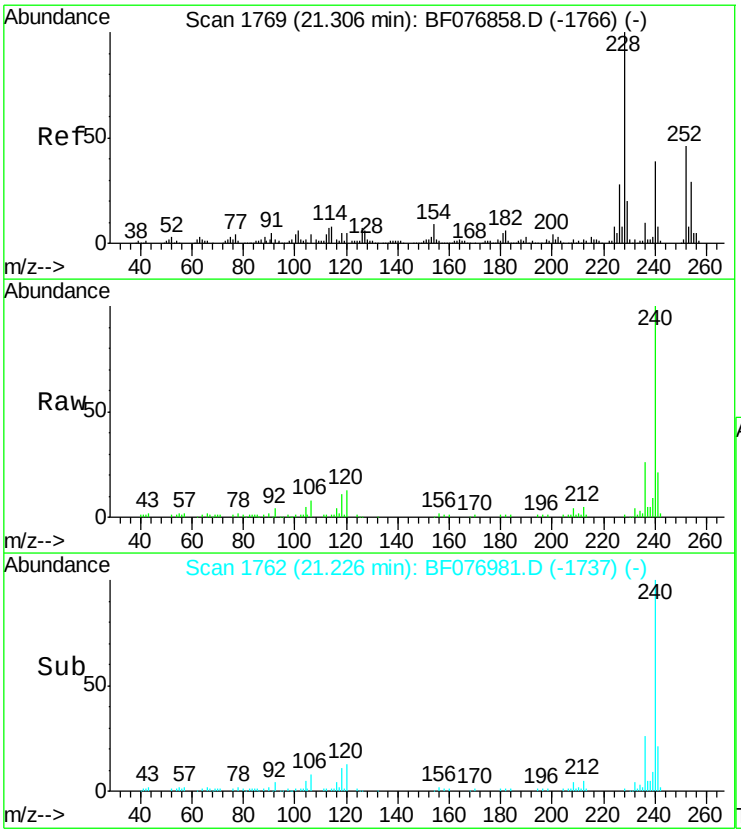
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:188 Resp: 122737

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.0	9.0#
80	10.2	6.9	10.3

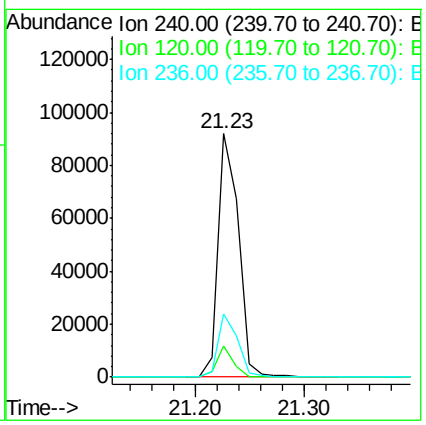


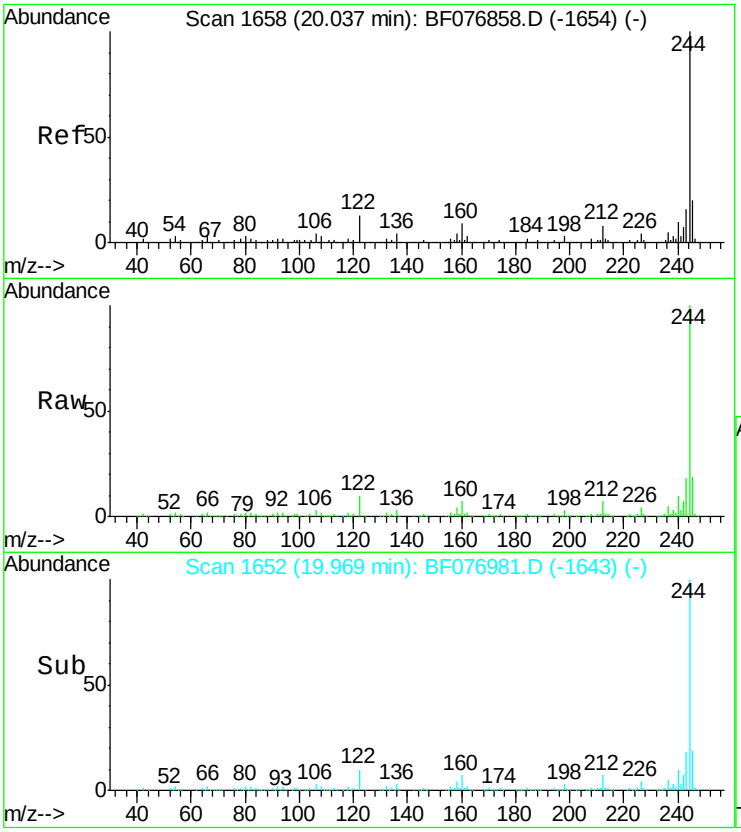


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:240 Resp: 119864

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.4	15.6
236	26.0	20.2	30.2



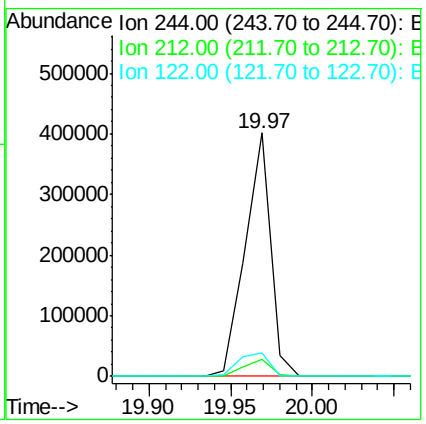


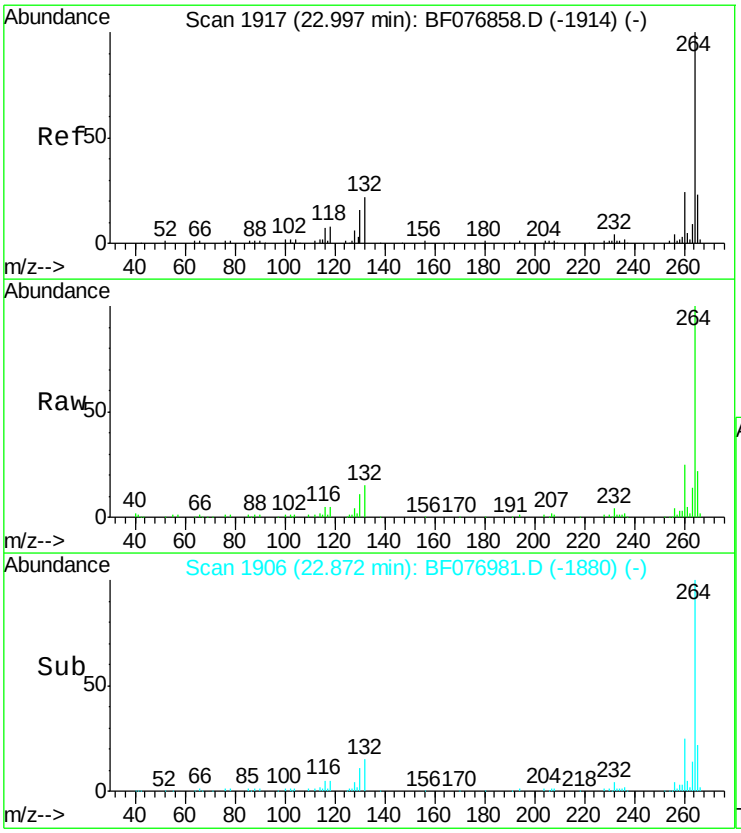
#78
Terphenyl-d14
Concen: 83.80 ng
RT: 19.97 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:244 Resp: 436299

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	9.8	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:264 Resp: 100580

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.4
265	21.5	18.1	27.1