Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077985.D
Acq On : 26 Mar 2015 8:55
Operator : TP/IZ
Sample : G1642-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Time: Mar 26 12:51:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 02:09:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42994	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	176233	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	91653	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	183247	20.00	ng	-0.08
75) Chrysene-d12	15.97	240	210469	20.00	ng	-0.16
86) Perylene-d12	17.80	264	201473	20.00	ng	-0.30
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	129620	52.62	ng	-0.06
7) Phenol-d6	6.67	99	102254	33.60	ng	-0.06
23) Nitrobenzene-d5	7.79	82	213125	79.27	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	98473	112.29	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	460244	73.80	ng	-0.07
78) Terphenyl-d14	14.67	244	569152	66.05	ng	-0.09
Target Compounds						Qvalue
32) Benzoic acid	8.41	122	61039	42.72	ng	96
37) 2-Methylnaphthalene	9.56	142	17431	2.87	ng	95

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

Quantitation Report (LSC Reviewed)

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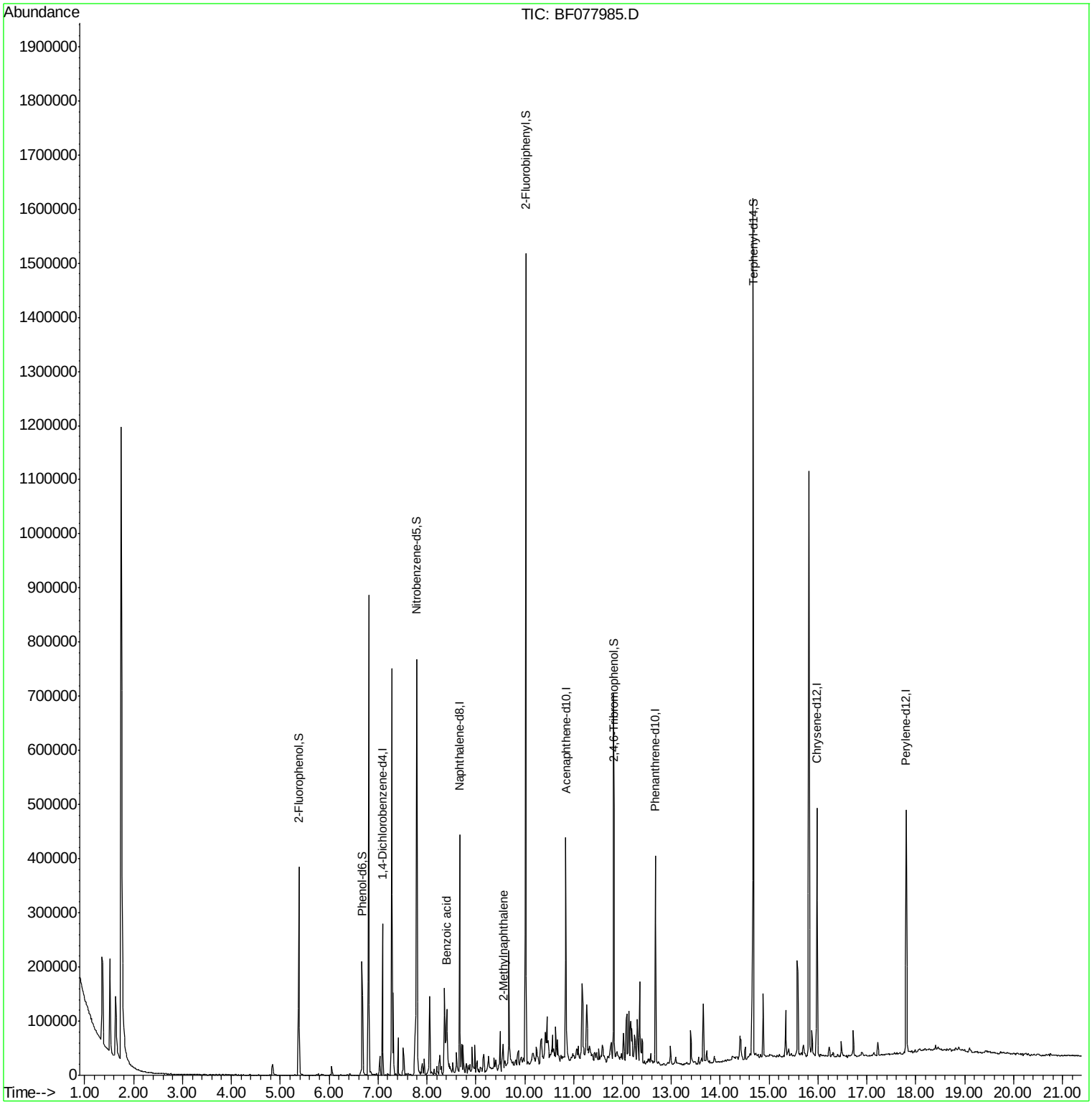
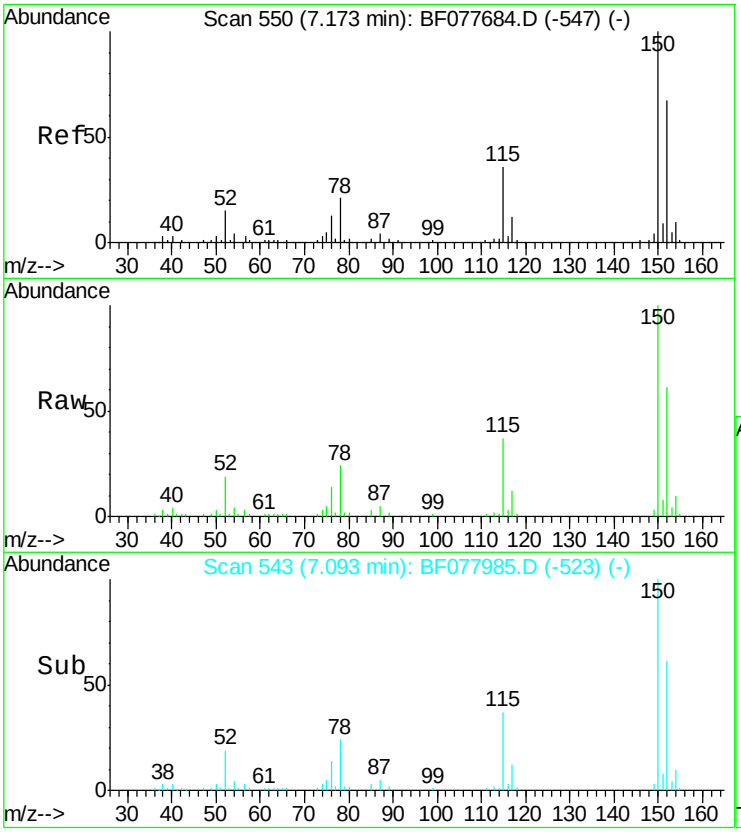


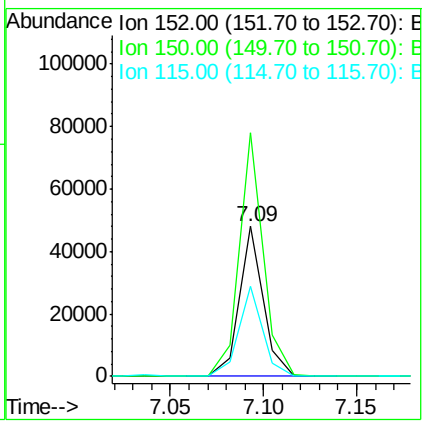


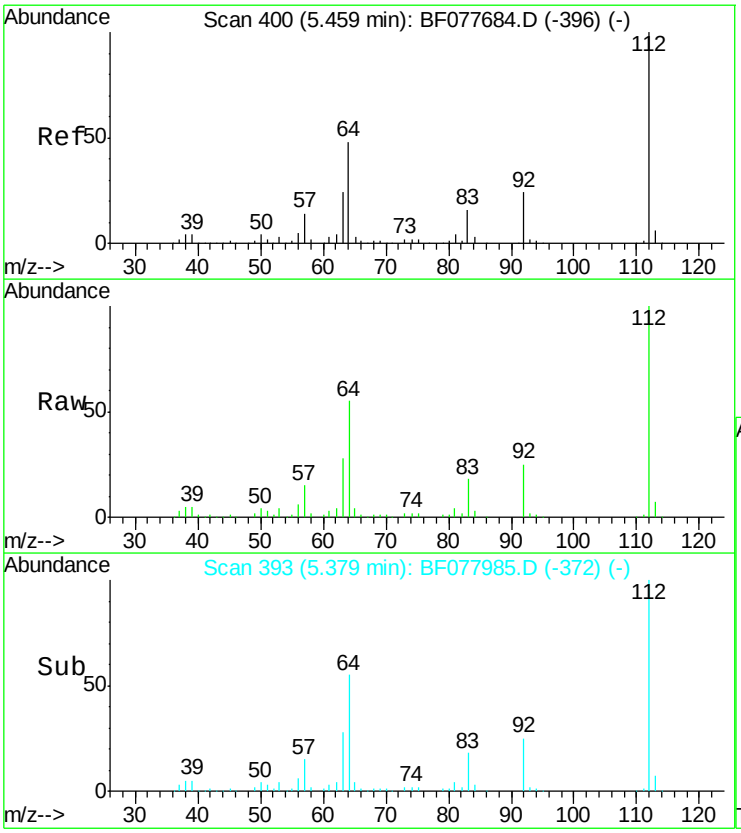
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 42994

Ion	Ratio	Lower	Upper
152	100		
150	162.7	119.5	179.3
115	60.1	43.0	64.4

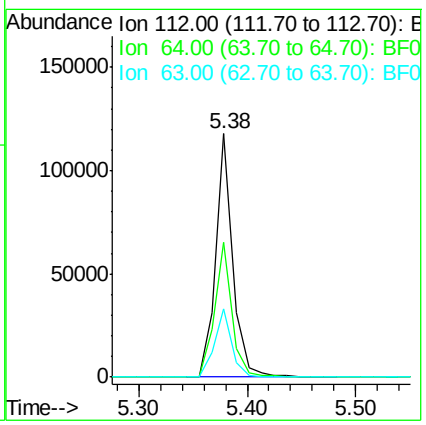


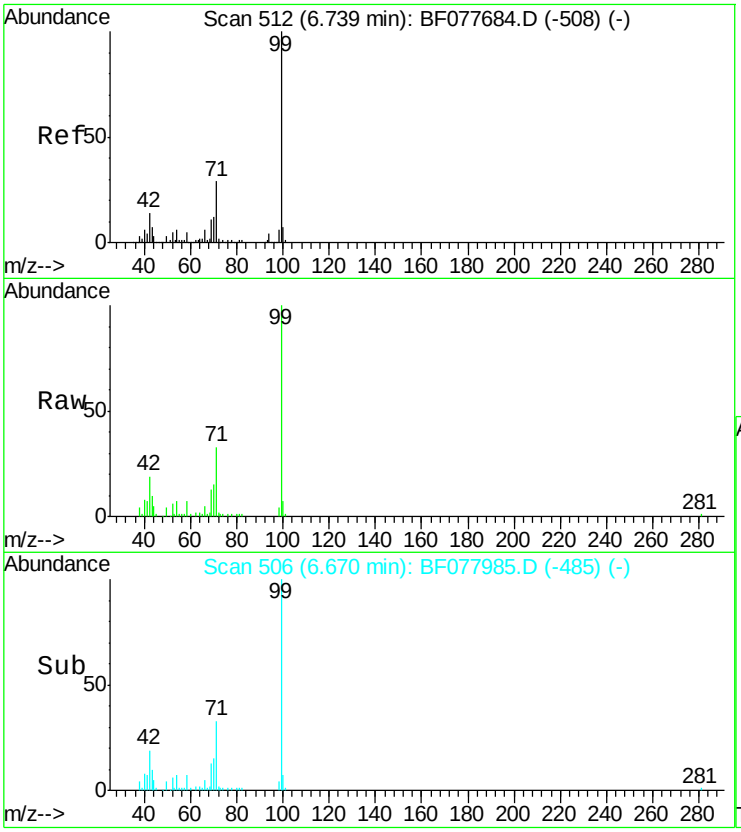


#5
2-Fluorophenol
Concen: 52.62 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:112 Resp: 129620

Ion	Ratio	Lower	Upper
112	100		
64	55.2	38.6	57.8
63	28.0	19.3	28.9



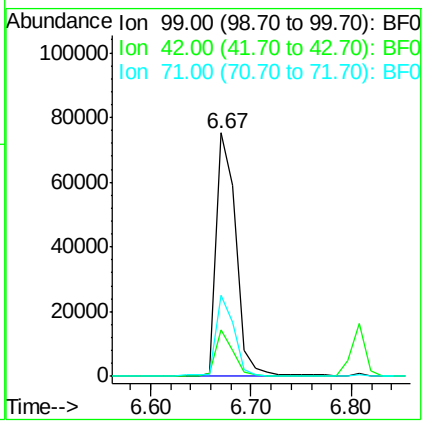


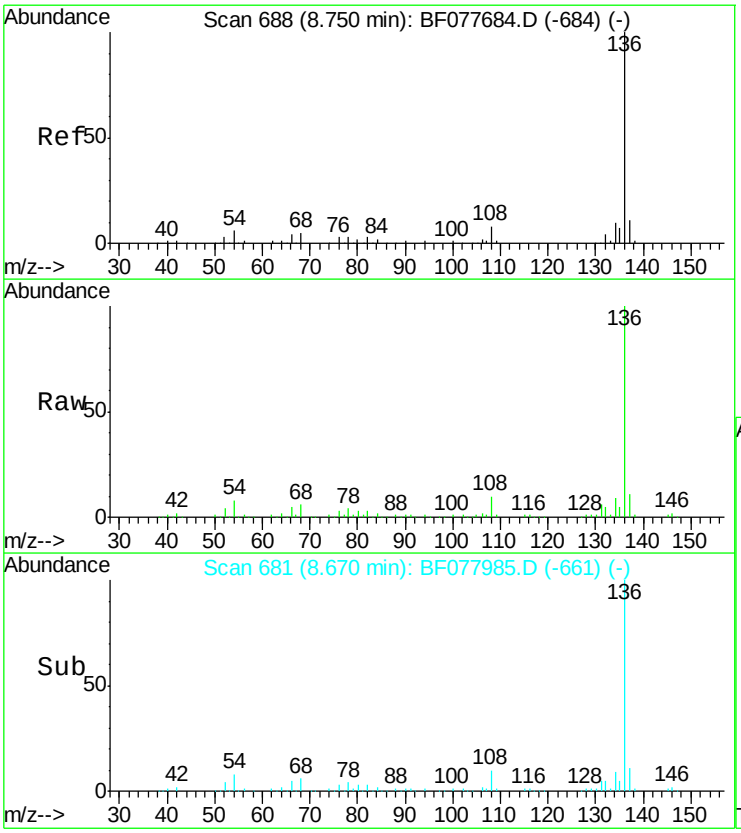
#7
Phenol-d6
Concen: 33.60 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 102254

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.0	16.4#
71	33.2	23.4	35.2

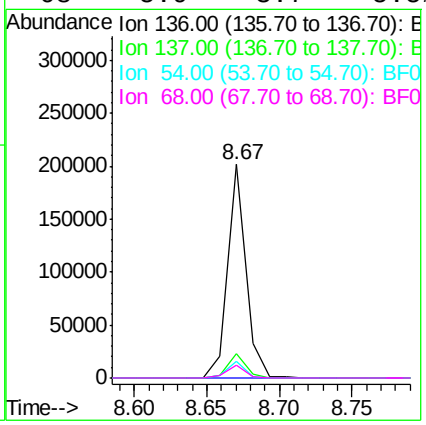


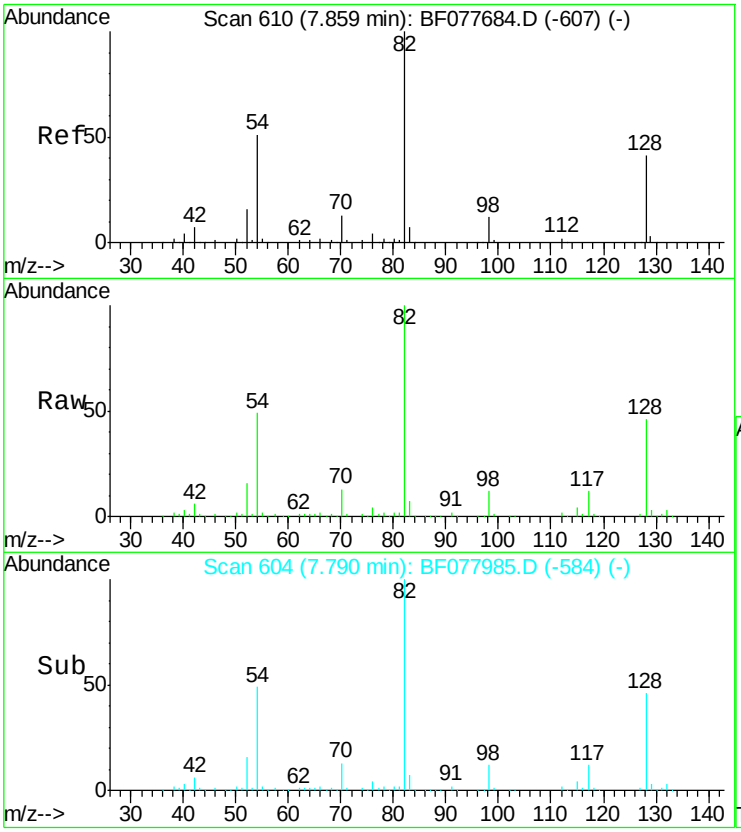


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:136 Resp: 176233

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	4.6	6.8#
68	5.9	3.7	5.5#



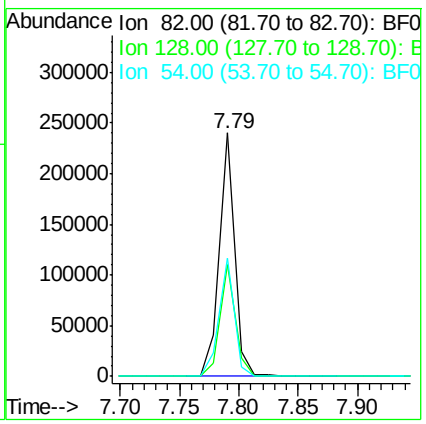


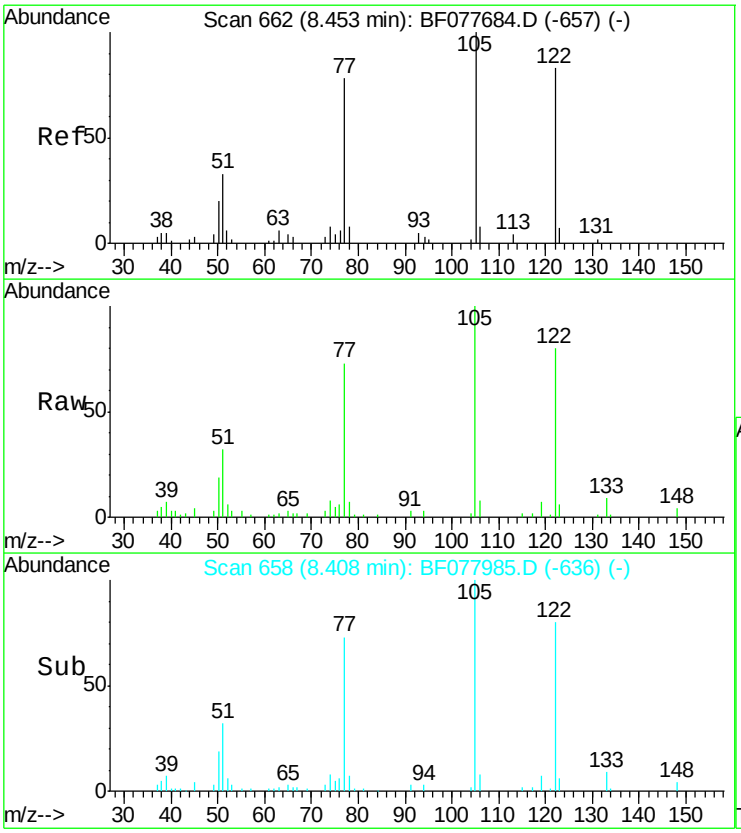
#23
Nitrobenzene-d5
Concen: 79.27 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 82 Resp: 213125

Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.8	49.2
54	48.6	40.6	60.8

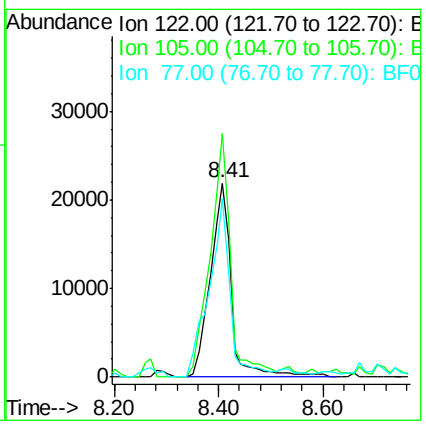


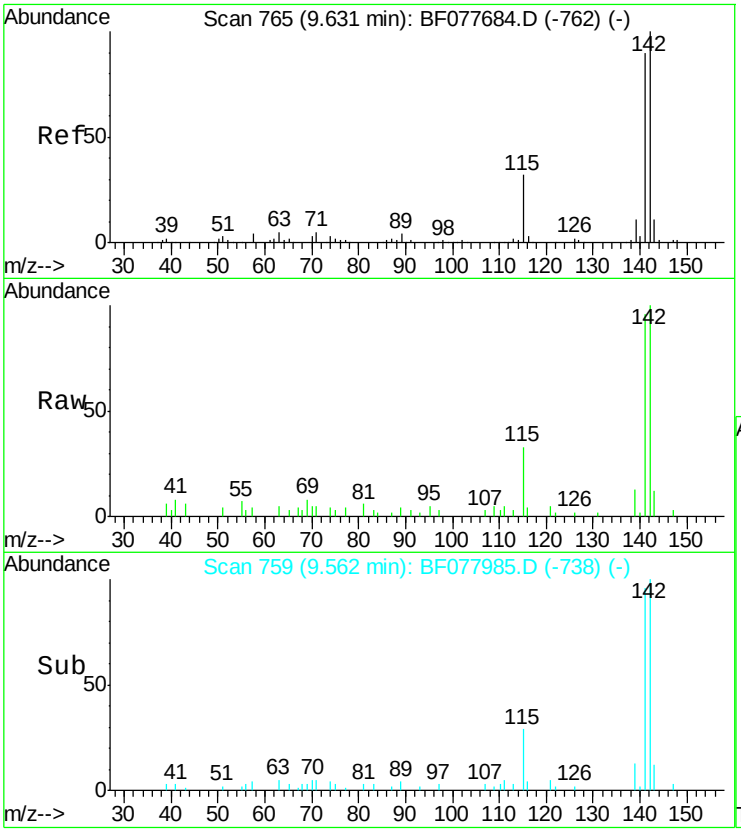


#32
Benzoic acid
Concen: 42.72 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:122 Resp: 61039

Ion	Ratio	Lower	Upper
122	100		
105	125.5	99.9	139.9
77	92.0	73.7	113.7



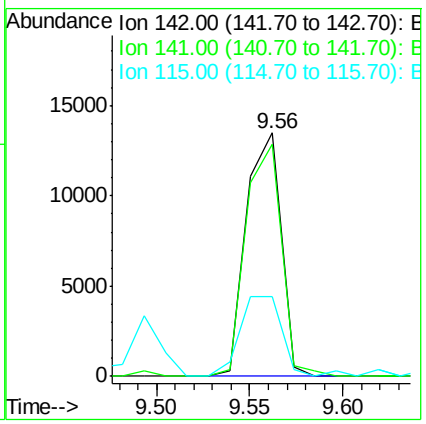


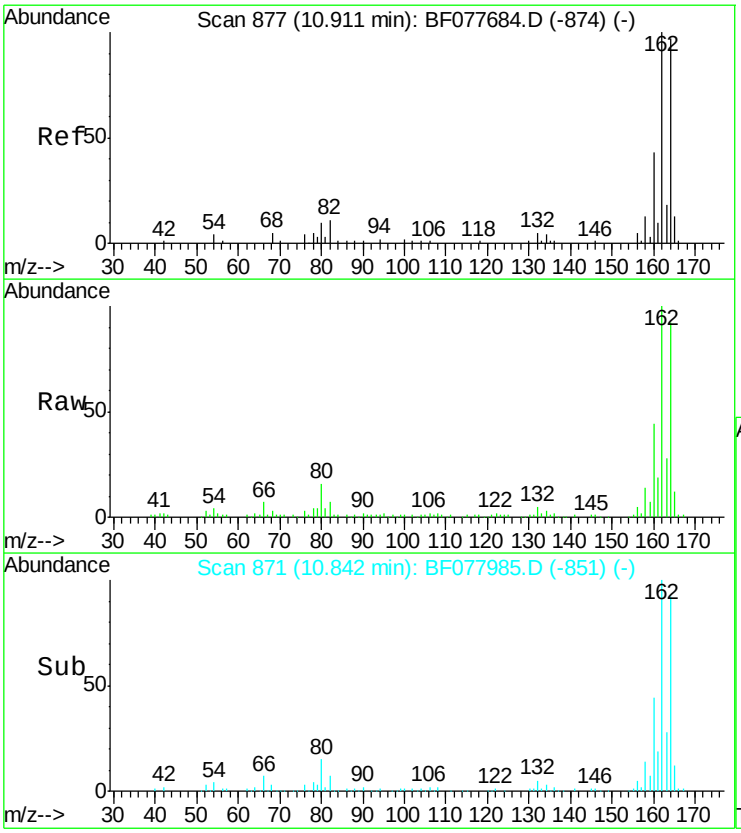
#37
2-Methylnaphthalene
Concen: 2.87 ng
RT: 9.56 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:142 Resp: 17431

Ion	Ratio	Lower	Upper
142	100		
141	95.5	71.9	107.9
115	32.5	25.4	38.0

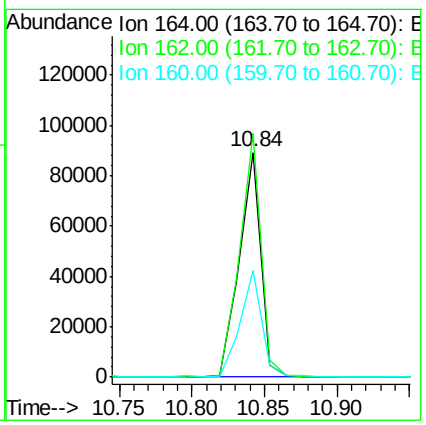


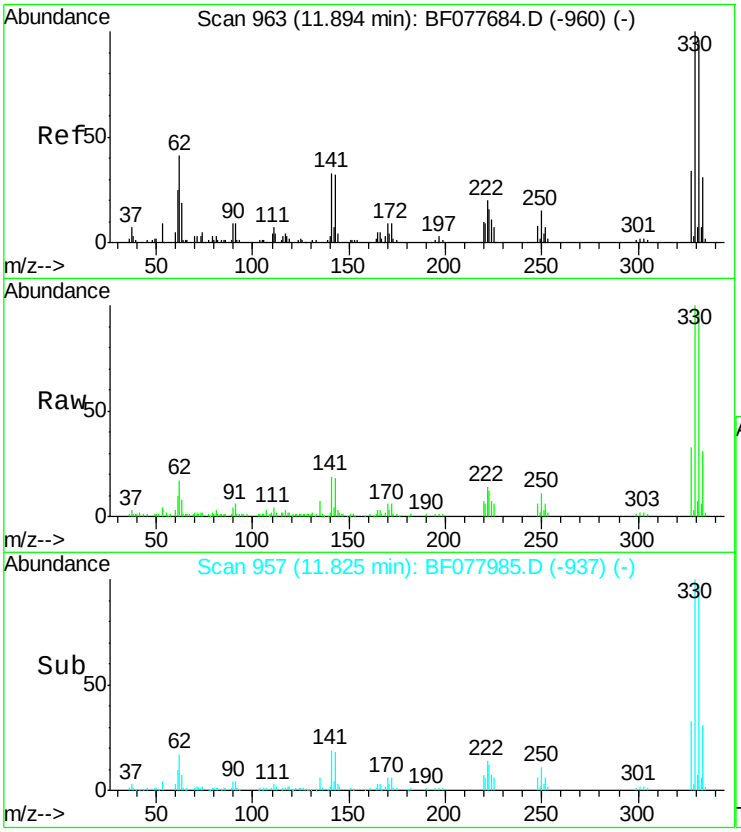


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:164 Resp: 91653

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.4	123.6
160	47.3	35.8	53.6



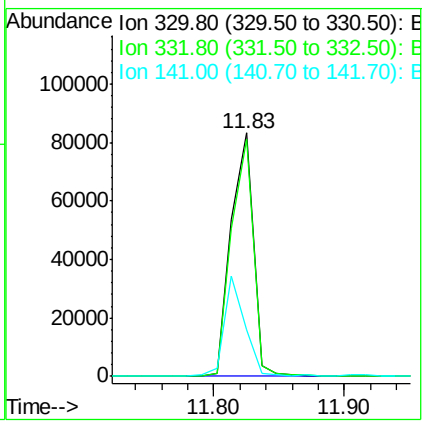


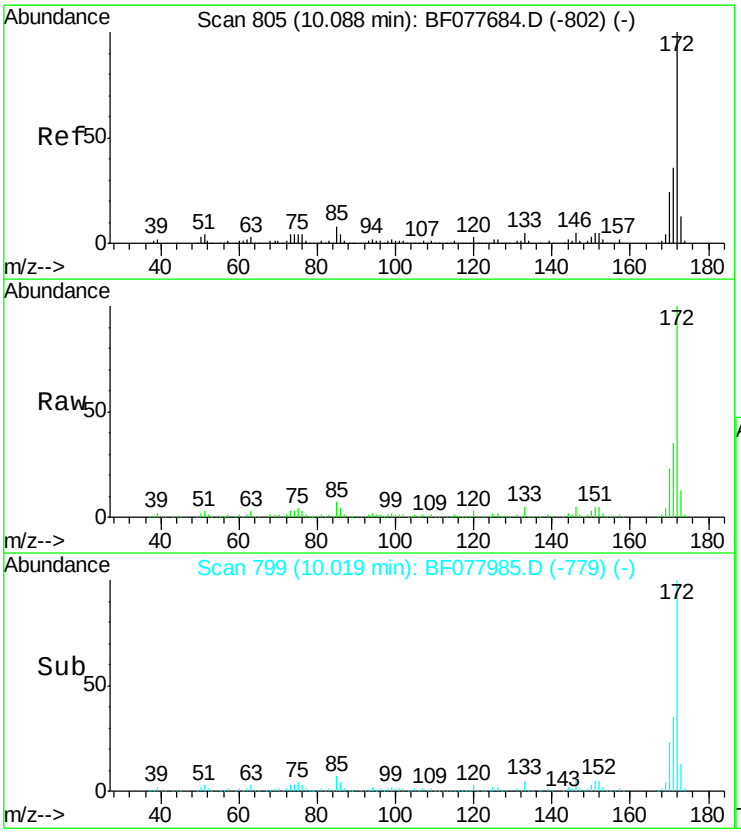
#41
2,4,6-Tribromophenol
Concen: 112.29 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:330 Resp: 98473

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	39.5	0.0	0.0#

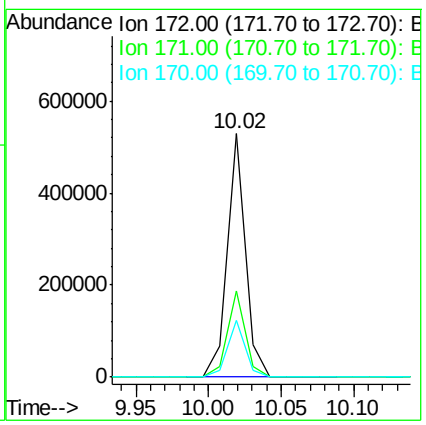


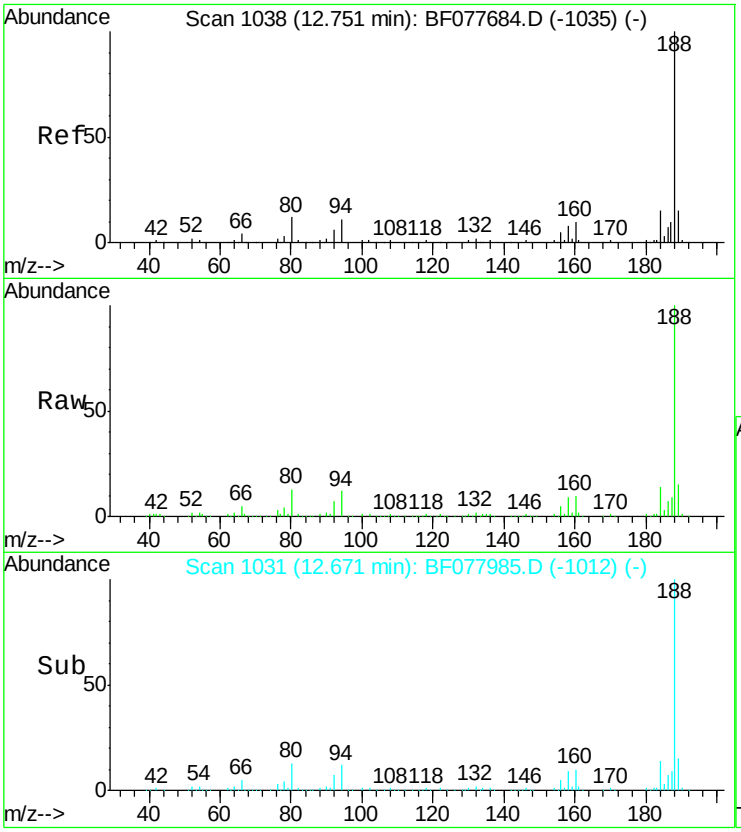


#44
2-Fluorobiphenyl
Concen: 73.80 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:172 Resp: 460244

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2



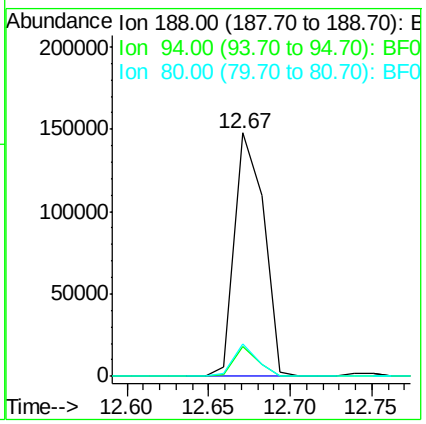


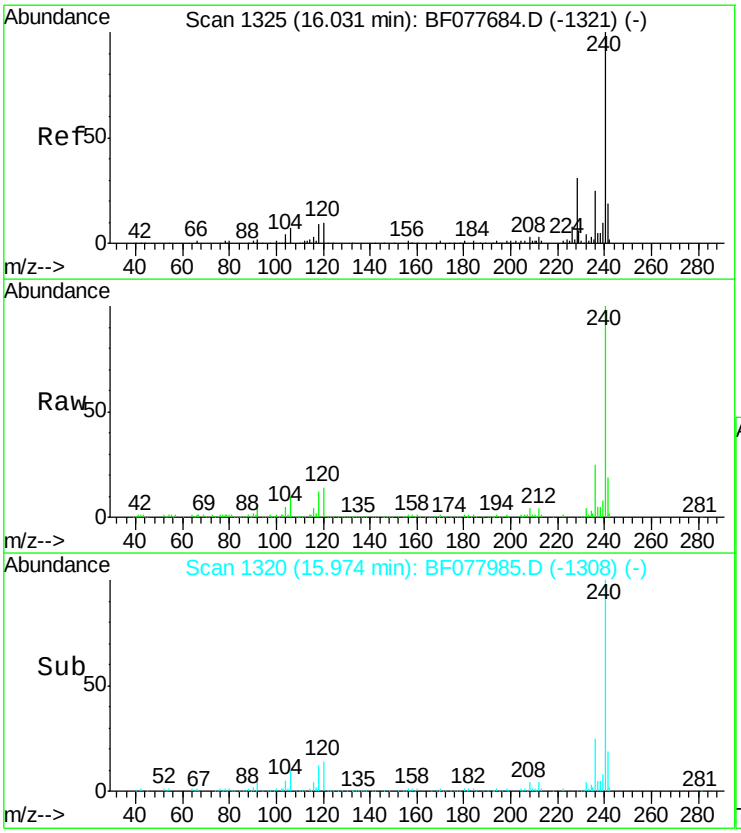
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:188 Resp: 183247

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.7	13.1
80	13.4	9.3	13.9

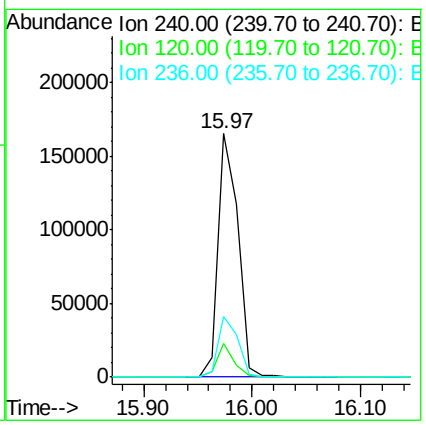


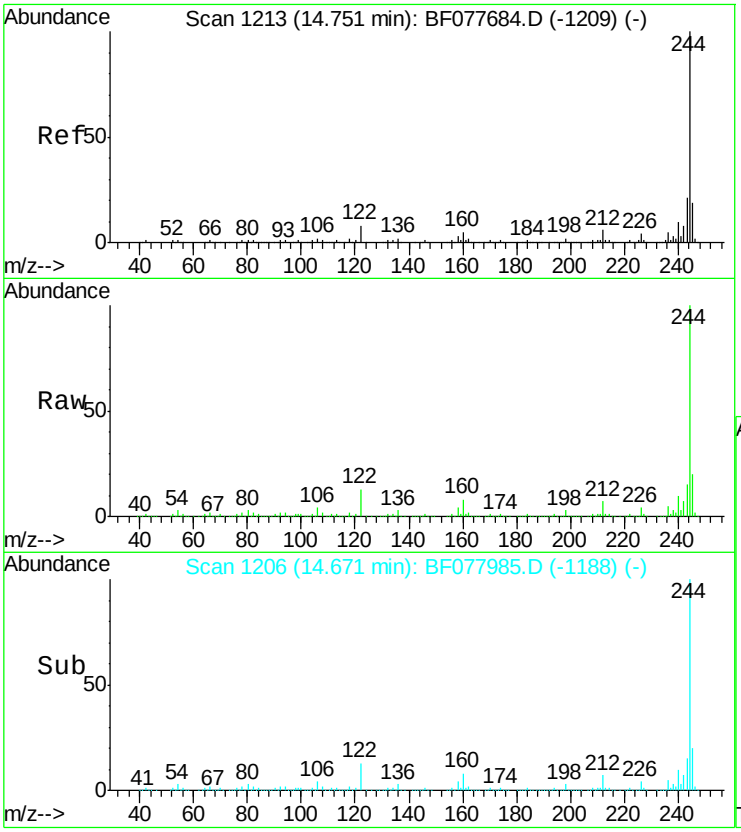


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.16 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:240 Resp: 210469

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.2	12.2#
236	25.0	20.0	30.0



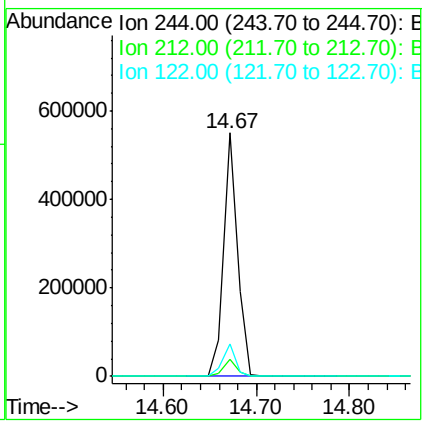


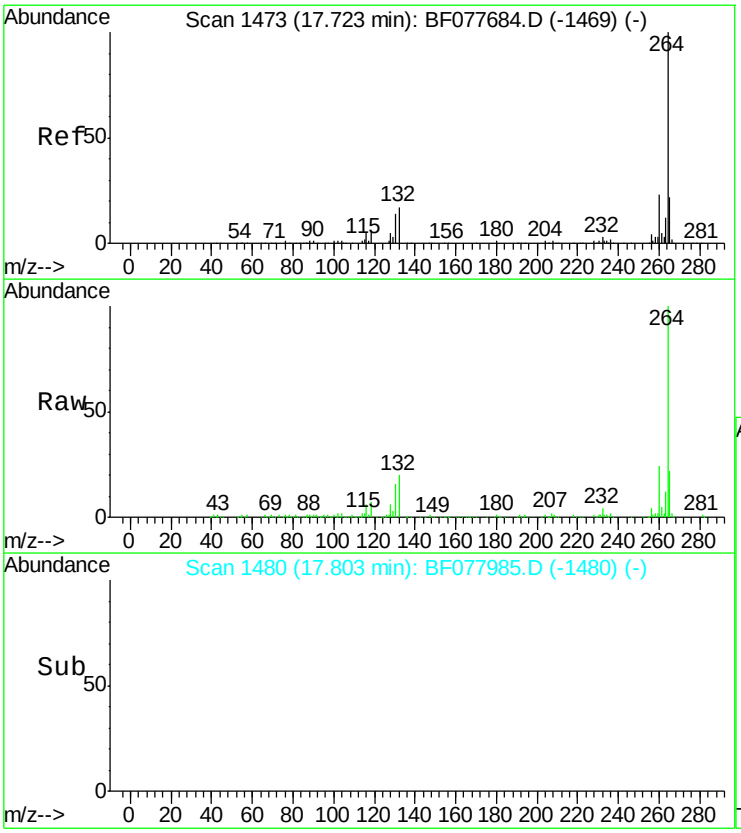
#78
Terphenyl-d14
Concen: 66.05 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.09 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:244 Resp: 569152

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	13.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.30 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:264 Resp: 201473

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.8	17.3	25.9