Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078269.D
Acq On : 6 Apr 2015 21:05
Operator : TP/IZ
Sample : G1744-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Time: Apr 07 01:28:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 02:08:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	36060	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	150603	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	74643	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	149059	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	154981	20.00	ng	-0.03
86) Perylene-d12	17.56	264	148890	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	118921	54.37	ng	0.00
7) Phenol-d6	6.58	99	88402	32.25	ng	0.00
23) Nitrobenzene-d5	7.68	82	219071	88.17	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	92900	150.07	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	504981	96.70	ng	0.00
78) Terphenyl-d14	14.55	244	599096	87.35	ng	0.00
Target Compounds						Qvalue

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

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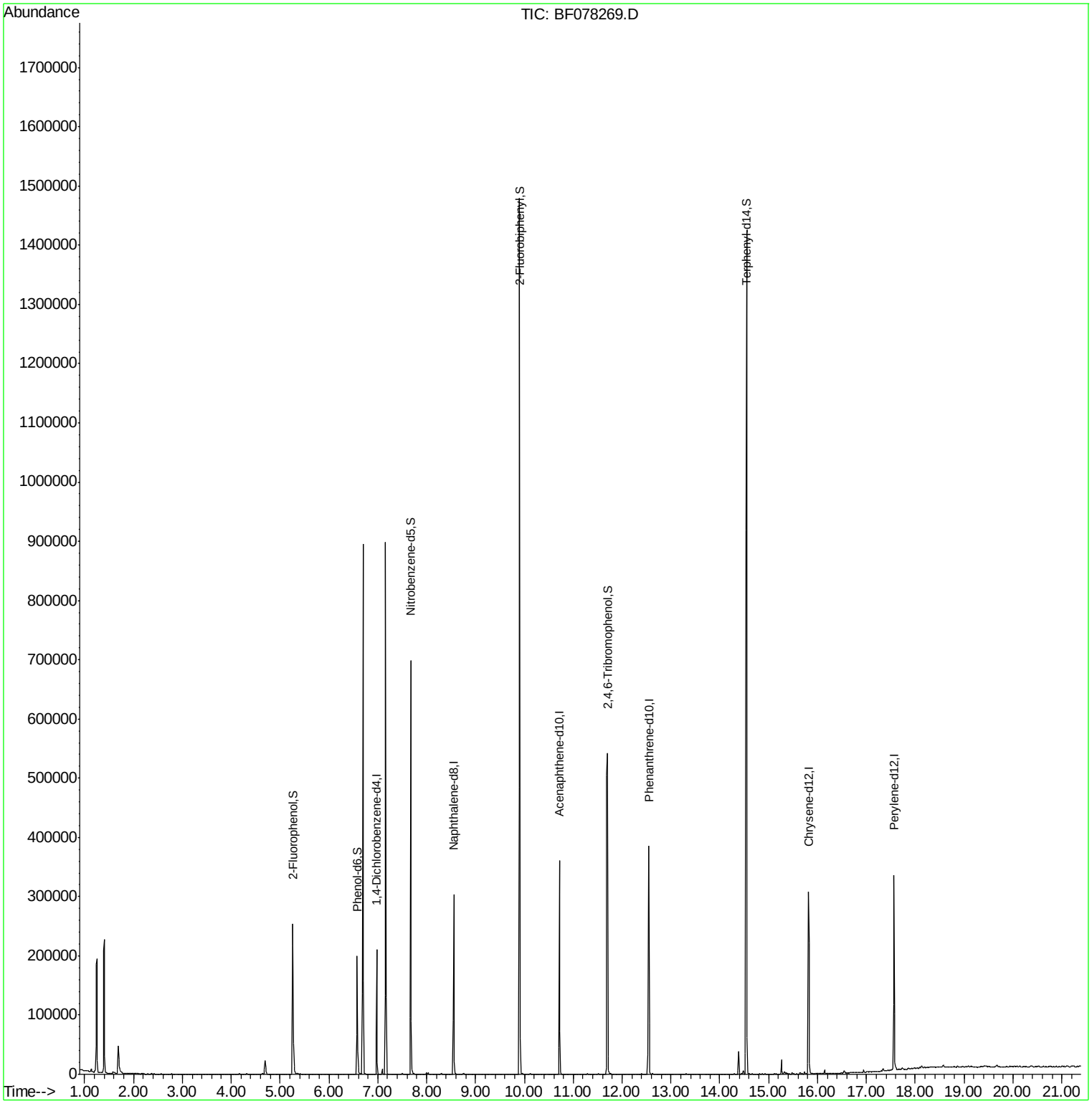
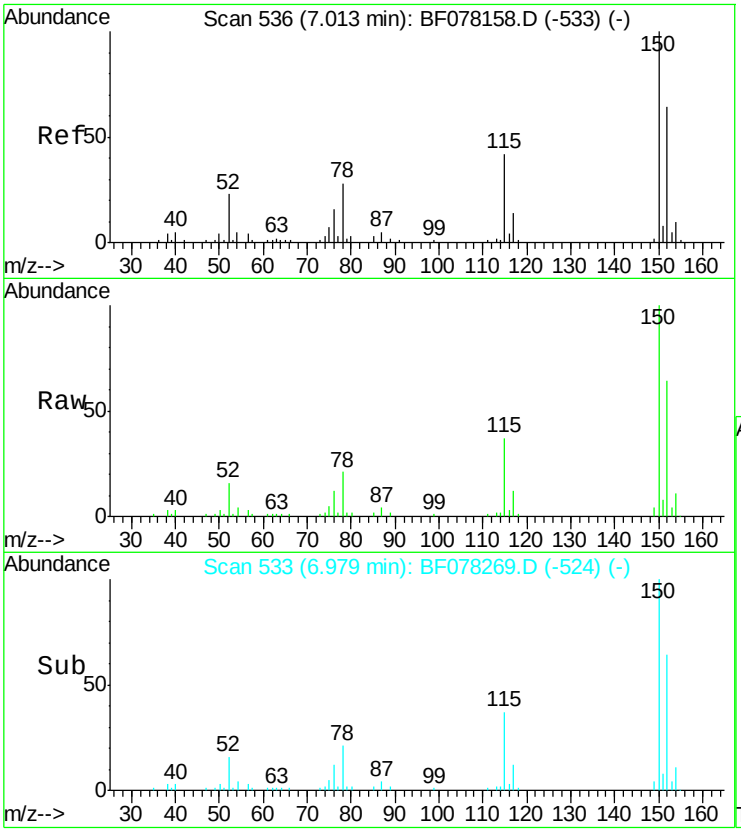


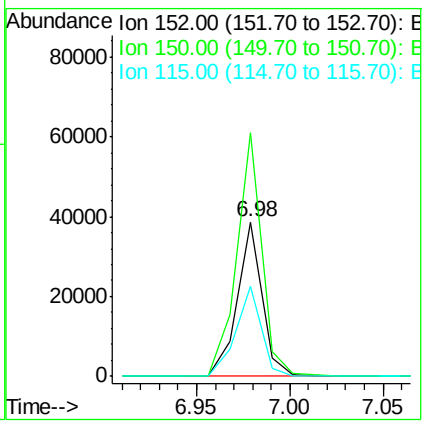


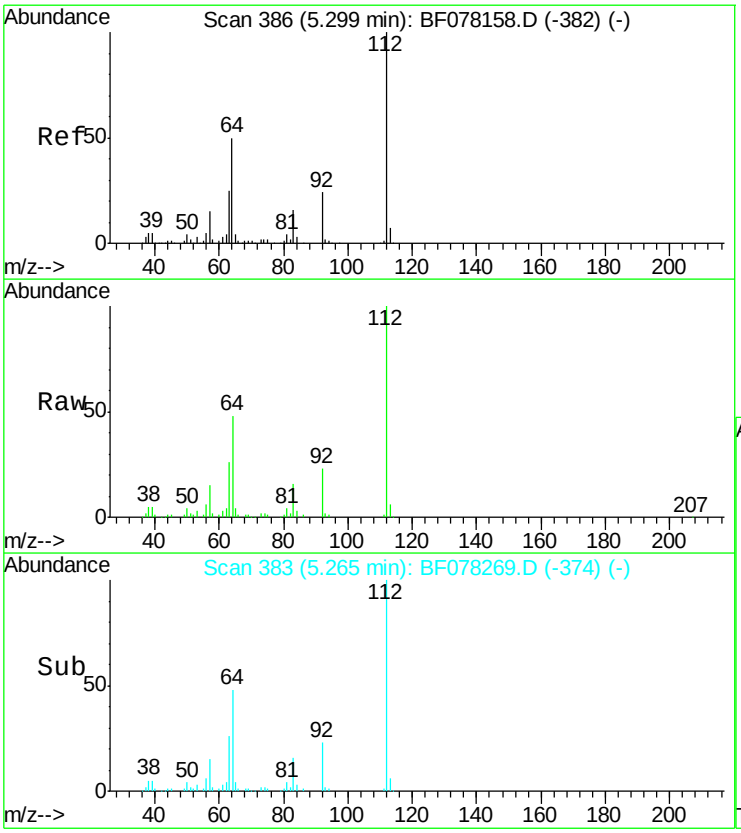
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:152 Resp: 36060

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	58.1	52.7	79.1

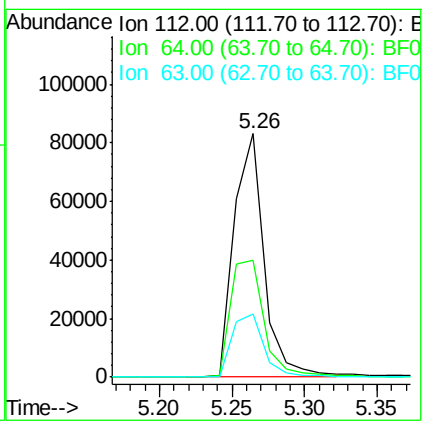


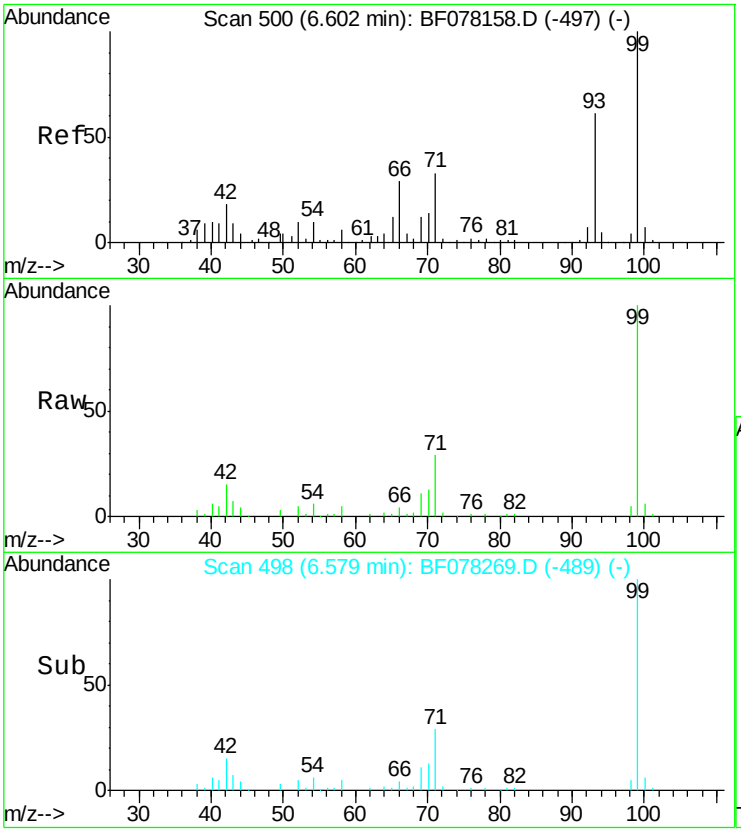


#5
2-Fluorophenol
Concen: 54.37 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:112 Resp: 118921

Ion	Ratio	Lower	Upper
112	100		
64	48.1	39.9	59.9
63	26.2	20.2	30.4



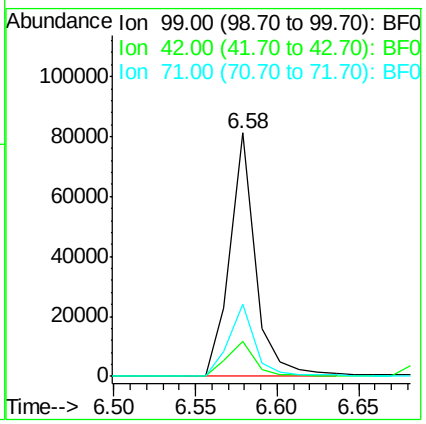


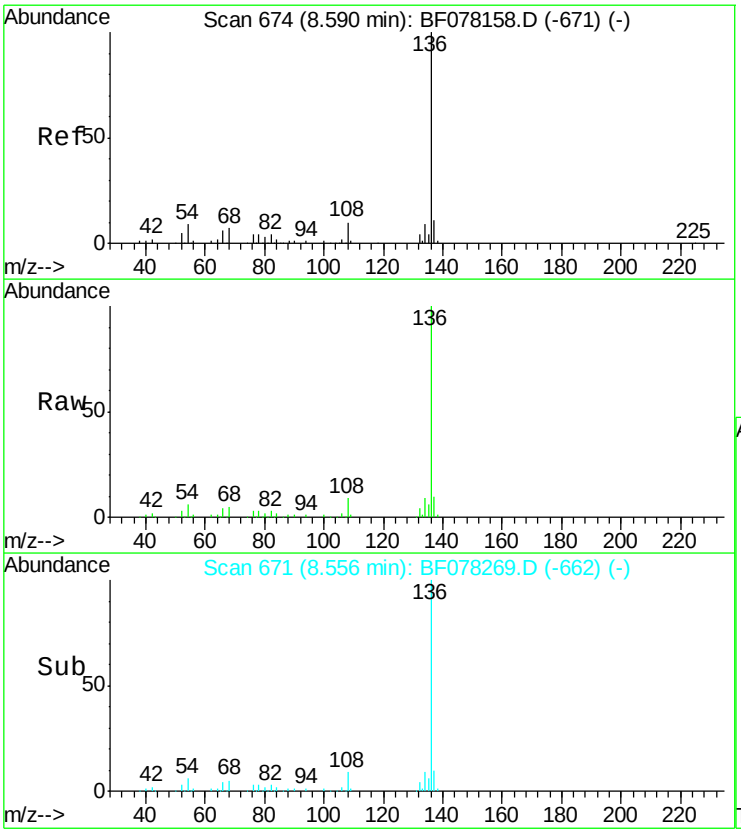
#7
Phenol-d6
Concen: 32.25 ng
RT: 6.58 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion: 99 Resp: 88402

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.8	22.2#
71	29.4	26.6	39.8

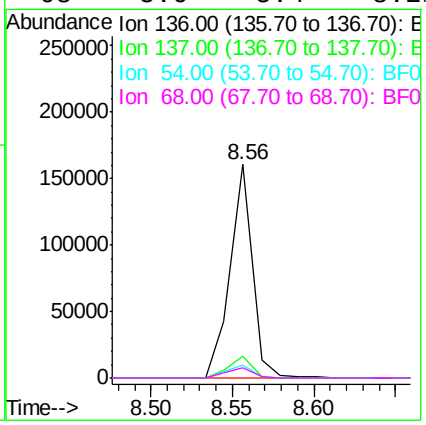


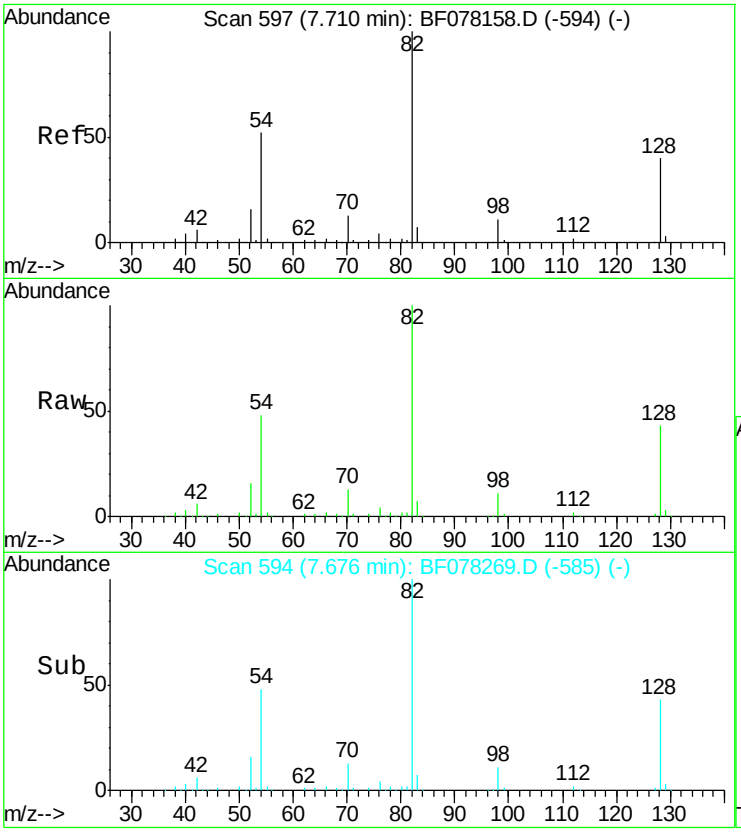


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:136 Resp: 150603

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	6.2	7.0	10.6#
68	5.0	5.4	8.2#



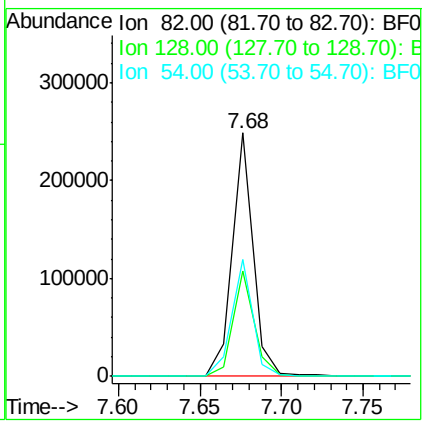


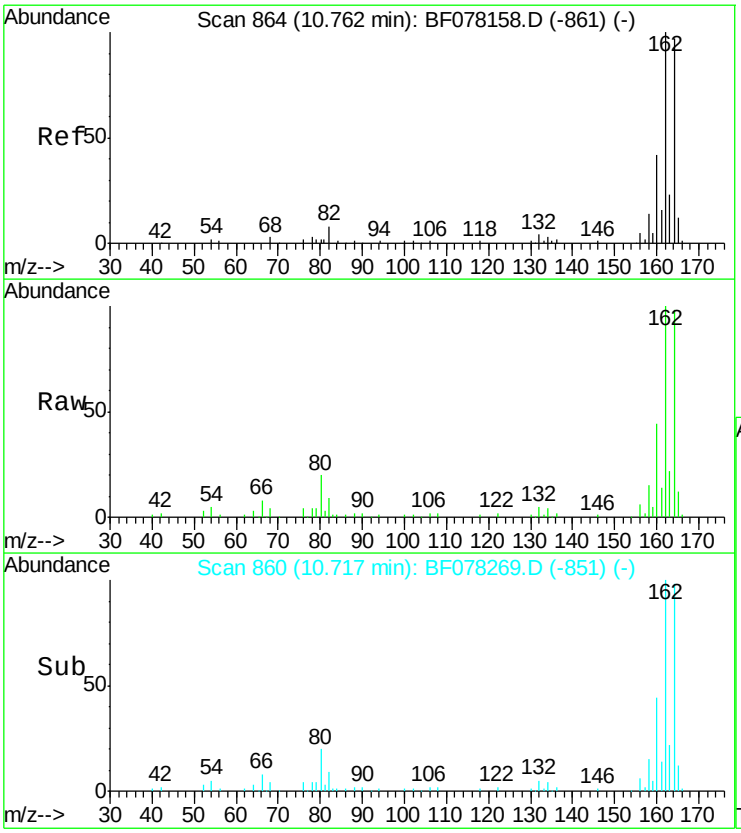
#23
Nitrobenzene-d5
Concen: 88.17 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion: 82 Resp: 219071

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.8	47.8
54	47.9	41.5	62.3

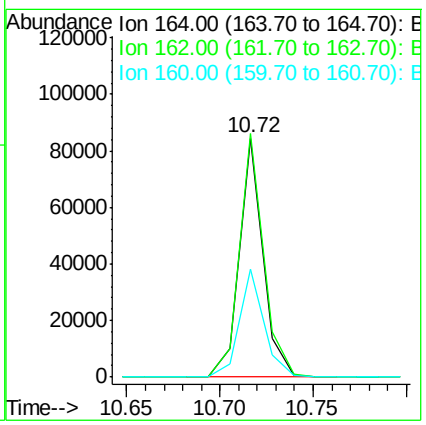


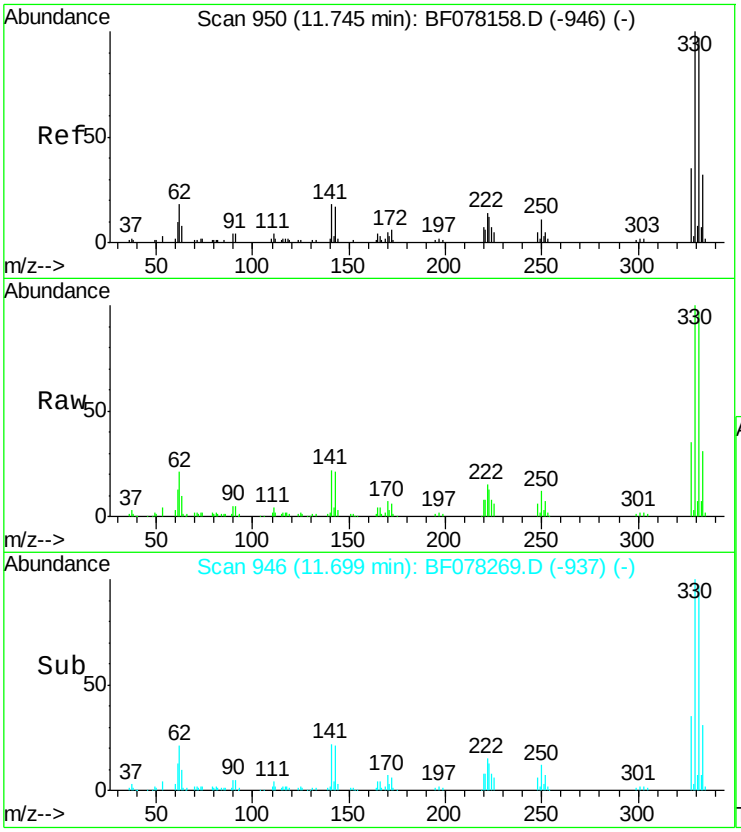


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:164 Resp: 74643

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	44.9	34.7	52.1



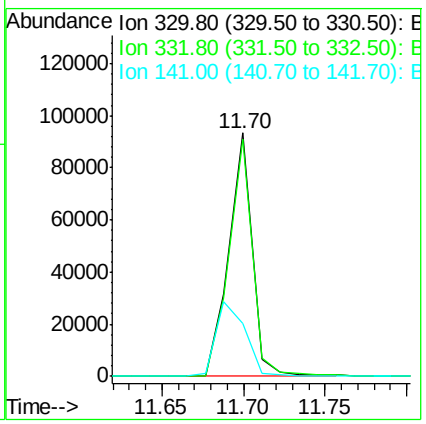


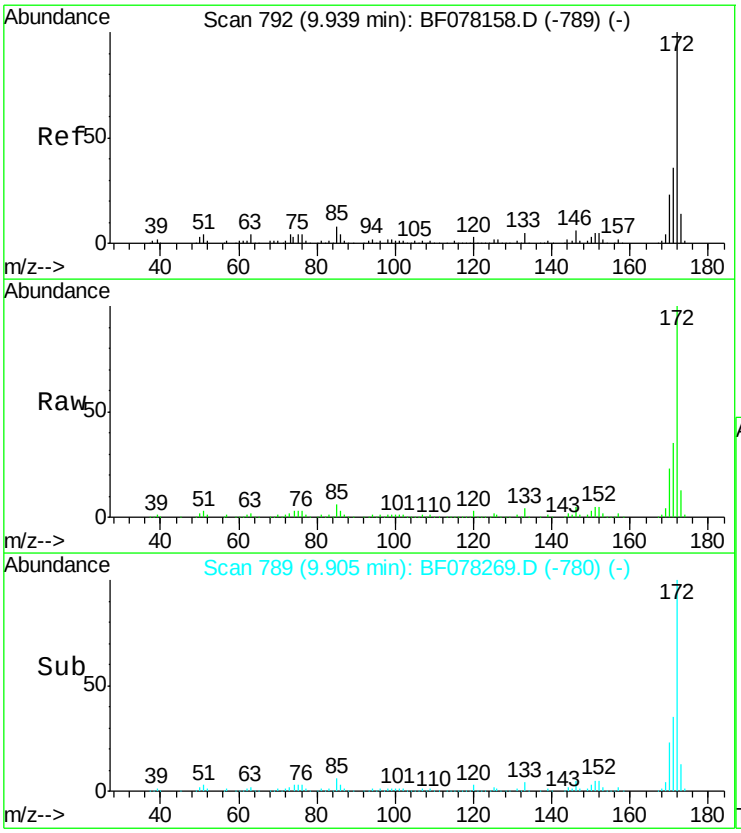
#41
2,4,6-Tribromophenol
Concen: 150.07 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:330 Resp: 92900

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	38.0	31.2	46.8

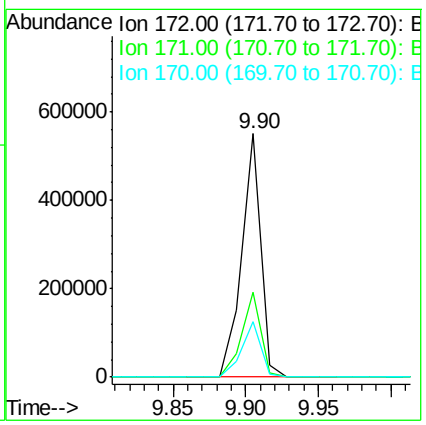


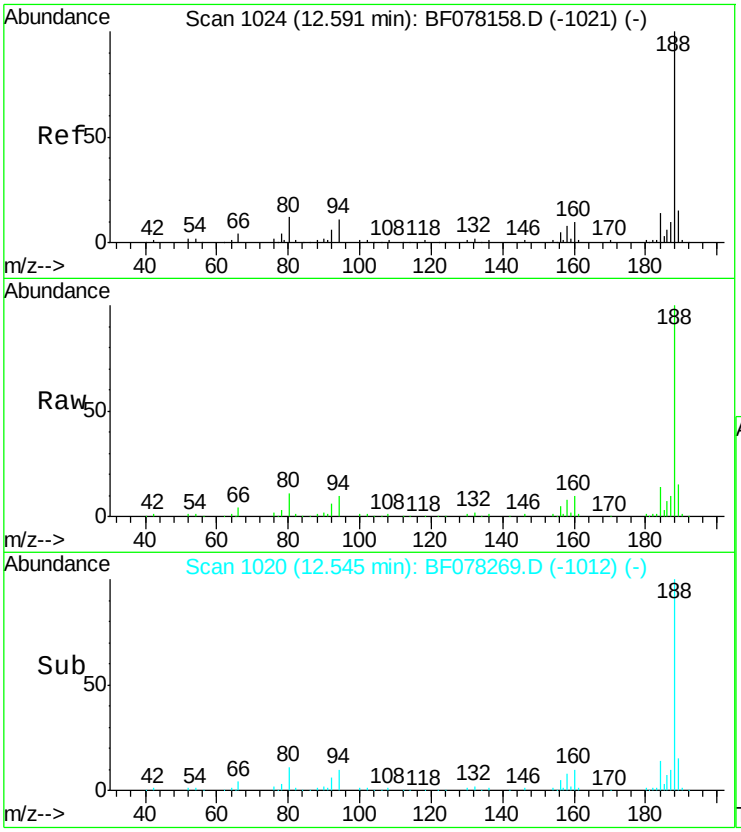


#44
2-Fluorobiphenyl
Concen: 96.70 ng
RT: 9.90 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:172 Resp: 504981

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.9	18.5	27.7



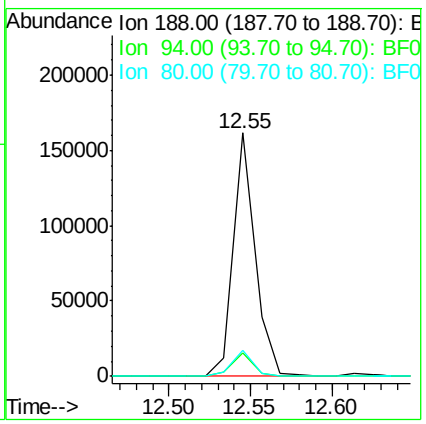


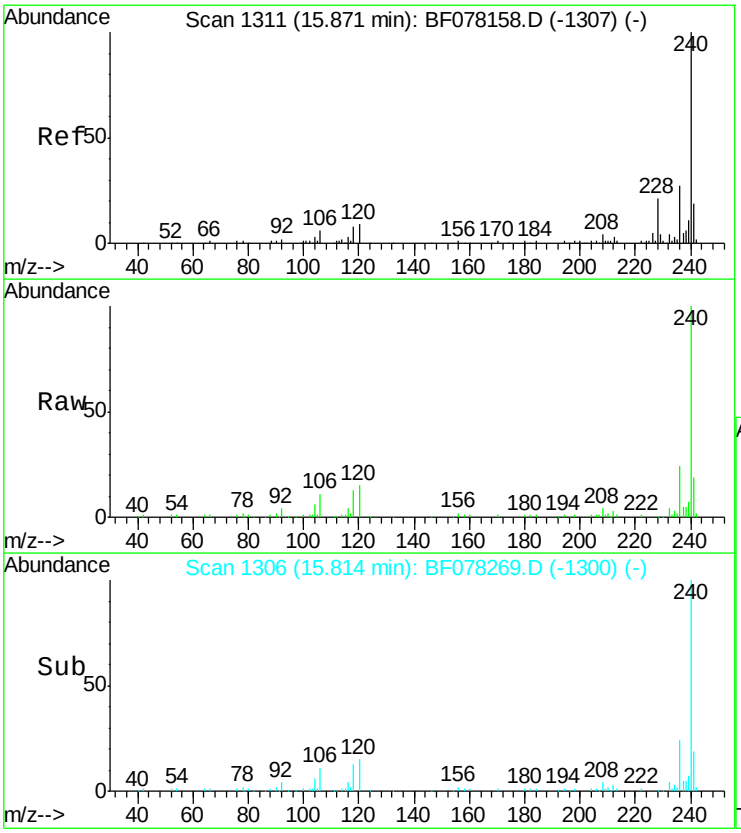
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:188 Resp: 149059

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.7	9.5	14.3

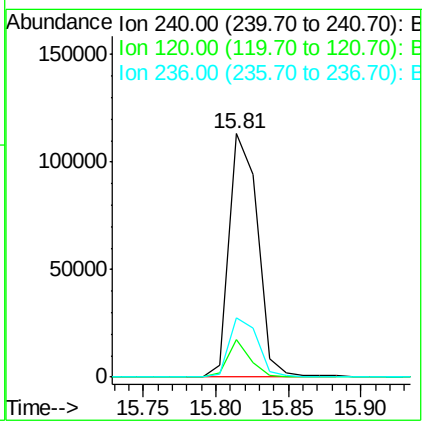


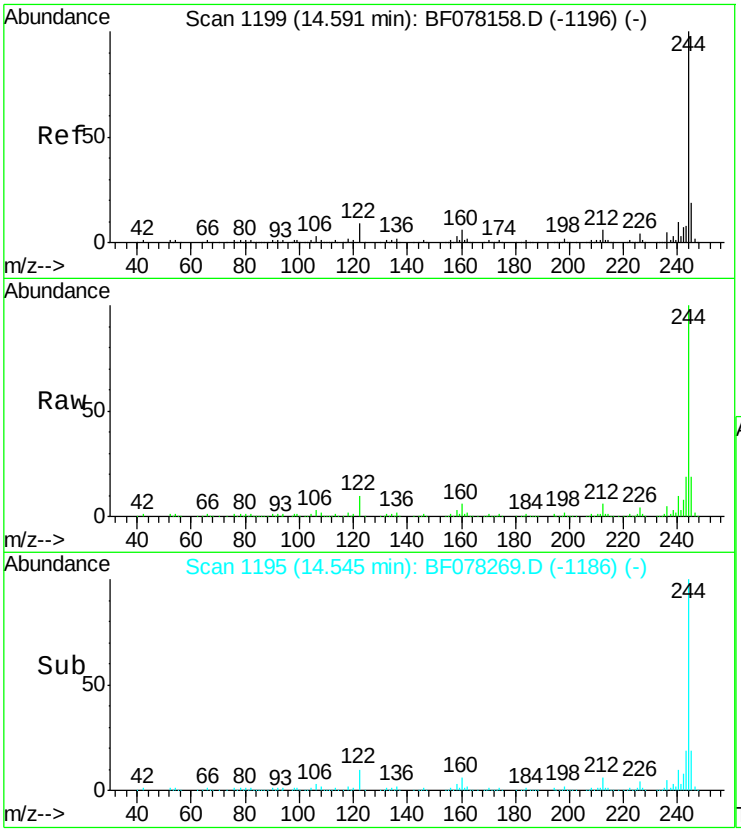


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:240 Resp: 154981

Ion	Ratio	Lower	Upper
240	100		
120	15.4	7.1	10.7#
236	24.5	21.4	32.2



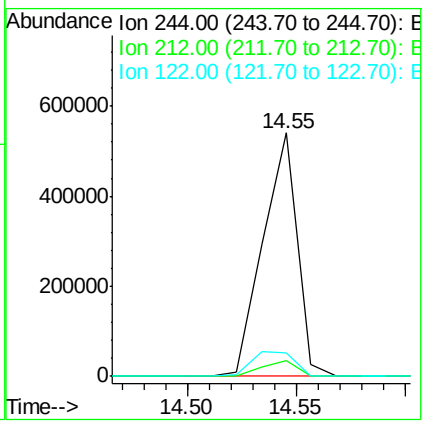


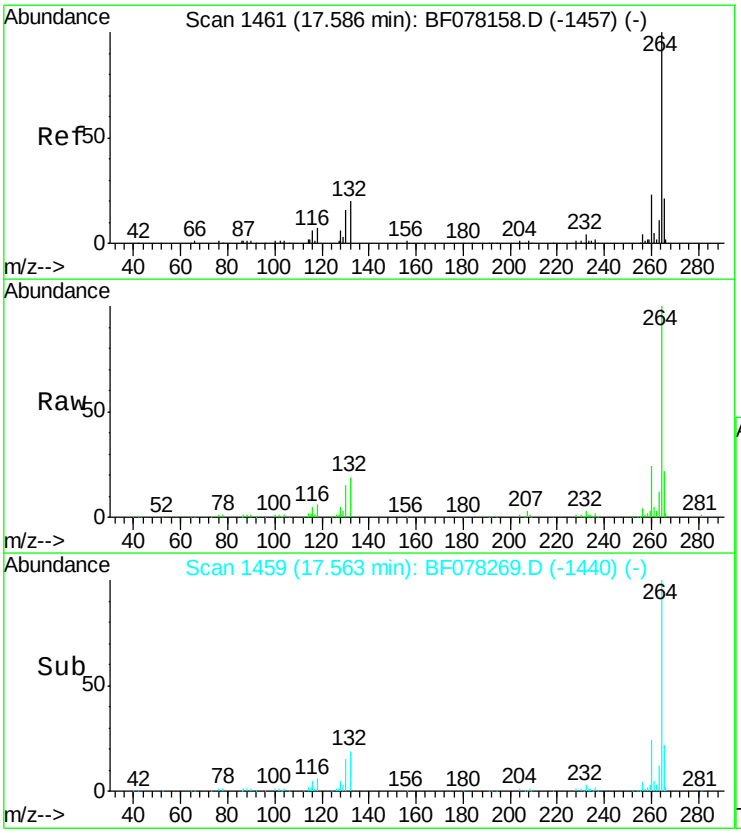
#78
Terphenyl-d14
Concen: 87.35 ng
RT: 14.55 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:244 Resp: 599096

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	9.7	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.08 min
Lab File: BF078269.D
Acq: 6 Apr 2015 21:05

Tgt Ion:264 Resp: 148890

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.0	25.6