Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10

Quant Time: Dec 23 00:37:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155600	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	594549	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	240561	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379688	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272963	20.00	ng	0.00
86) Perylene-d12	15.44	264	266872	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	108522	10.39	ng	0.01
7) Phenol-d6	6.44	99	143467	11.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	78030	7.31	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20184	8.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	146222	9.43	ng	0.00
78) Terphenyl-d14	12.90	244	99754	8.81	ng	0.00

Target Compounds	Qvalue

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

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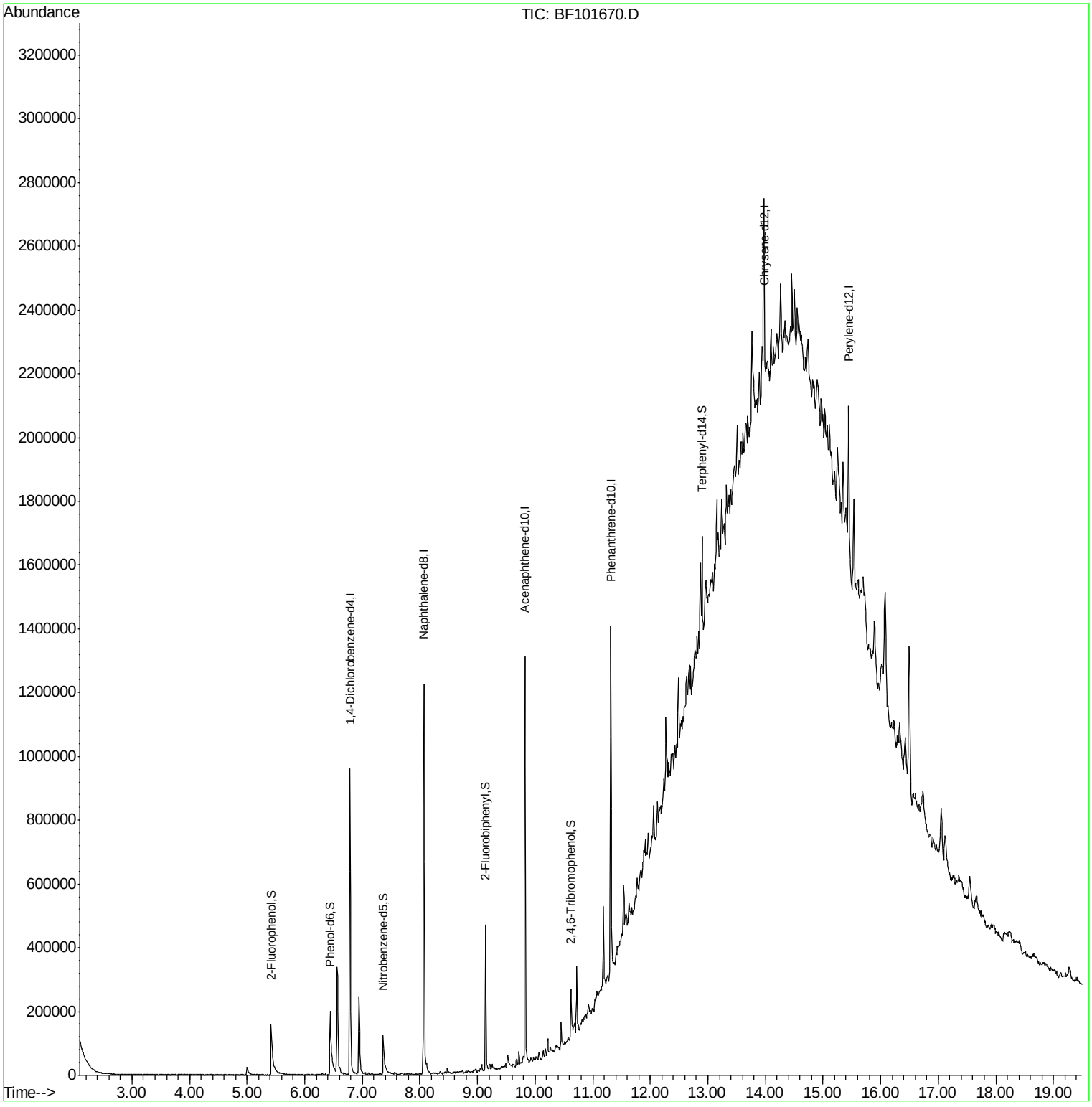
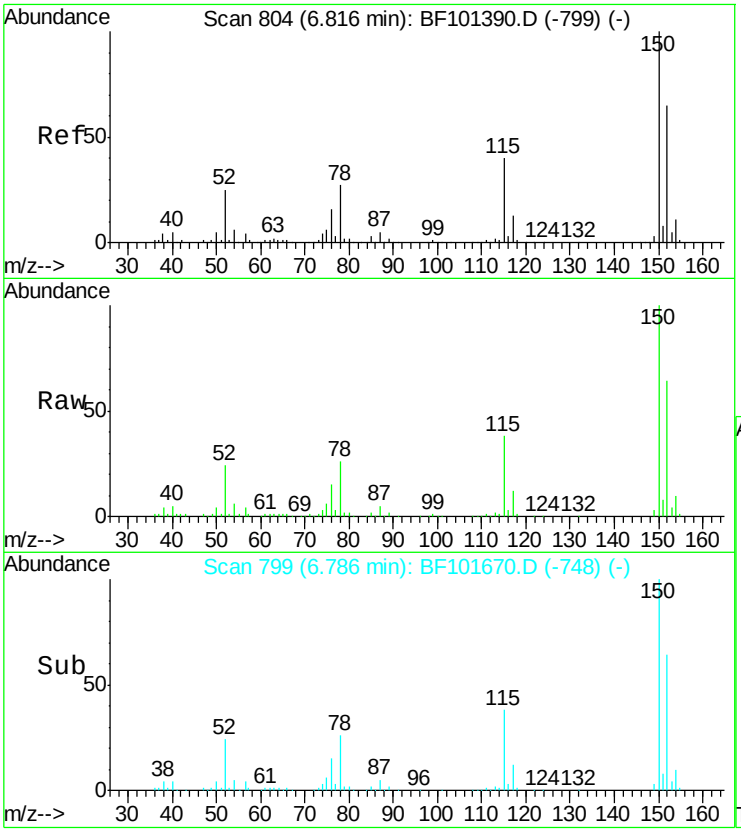


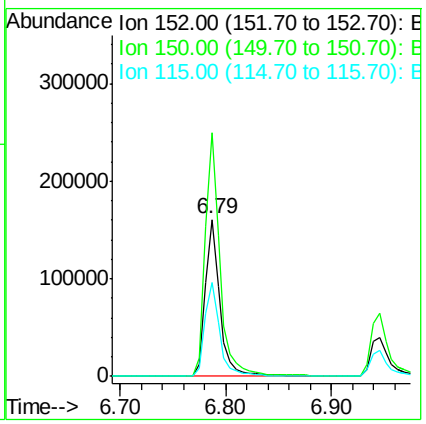


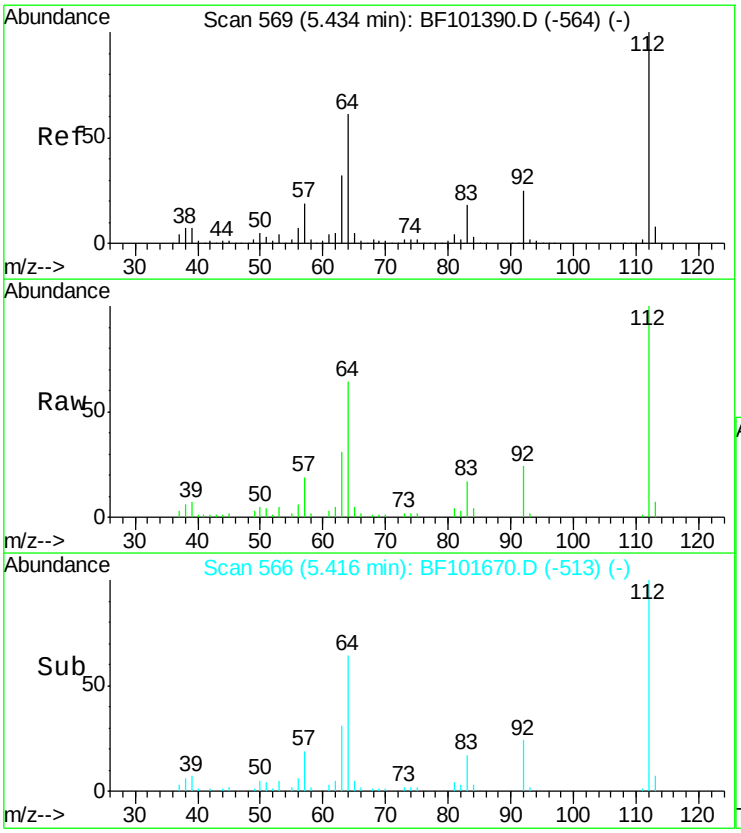
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion:152 Resp: 155600

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.5	50.1	75.1

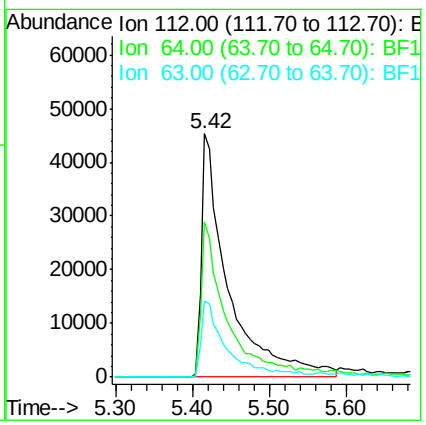


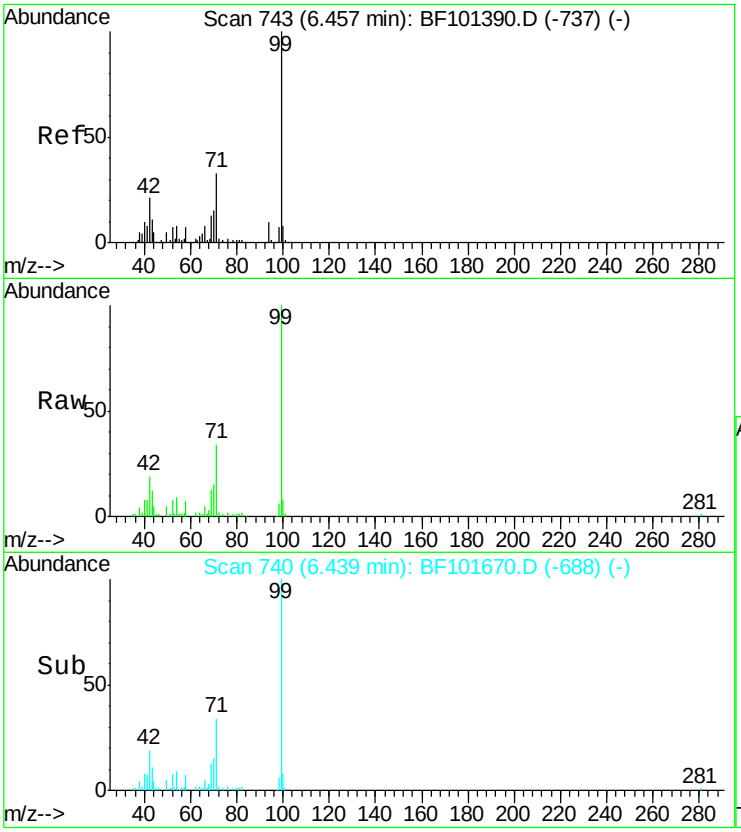


#5
2-Fluorophenol
Concen: 10.389 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:112 Resp: 108522

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	31.0	23.7	35.5



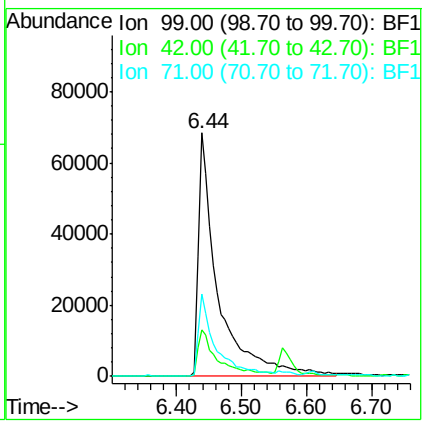


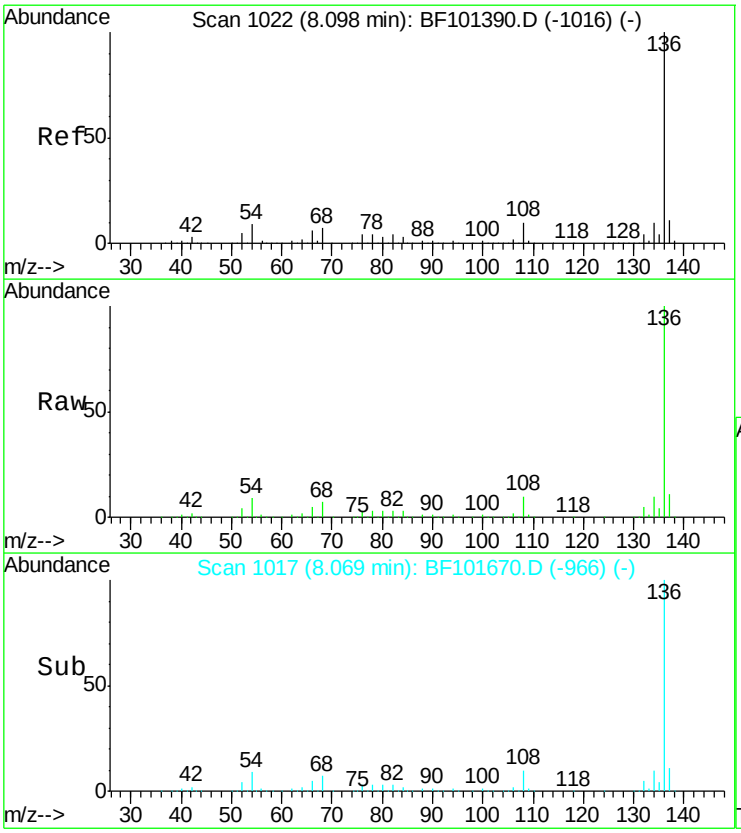
#7
Phenol-d6
Concen: 11.036 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion: 99 Resp: 143467

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	33.9	25.4	38.0

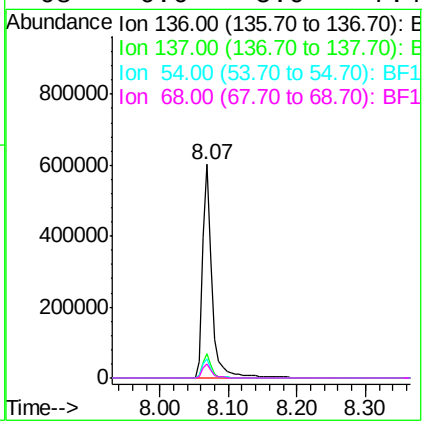


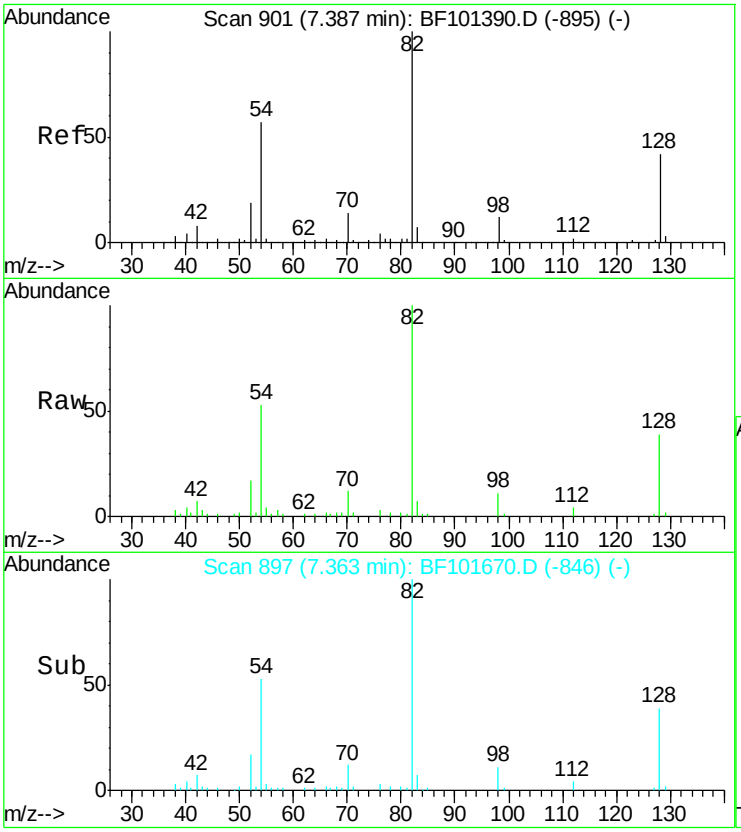


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:136 Resp: 594549

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4



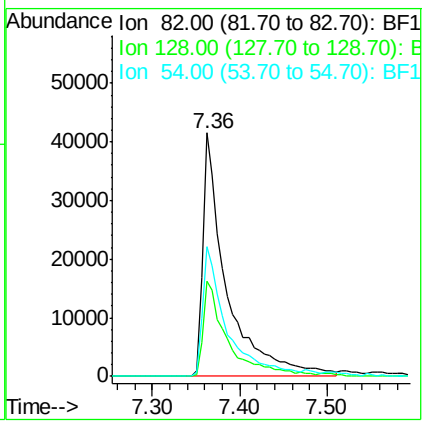


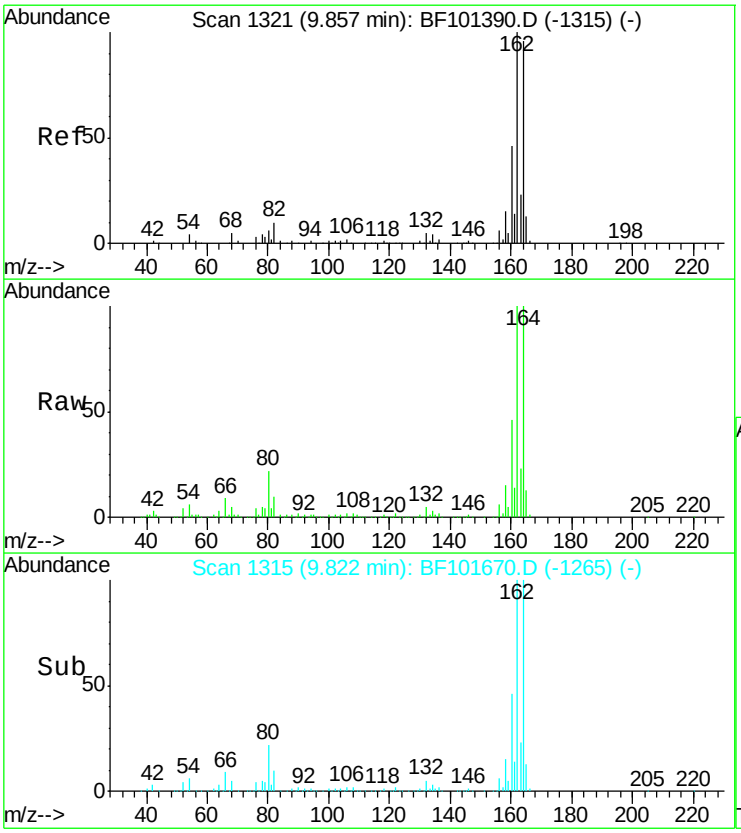
#23
Nitrobenzene-d5
Concen: 7.306 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion: 82 Resp: 78030

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	53.3	41.4	62.2

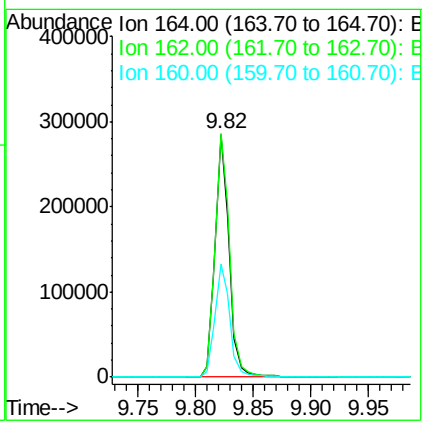


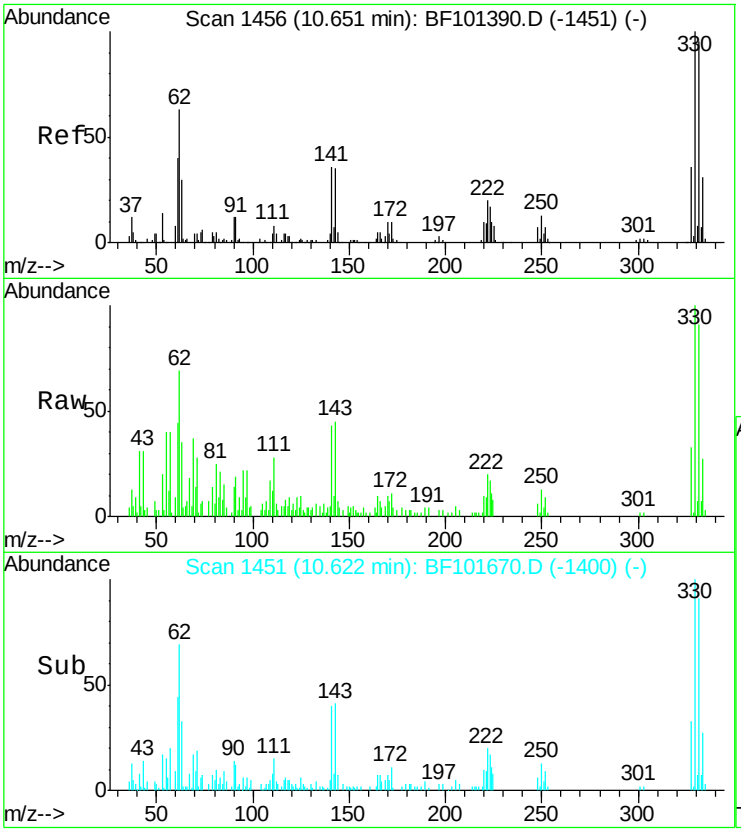


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:164 Resp: 240561

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.7	38.3	57.5



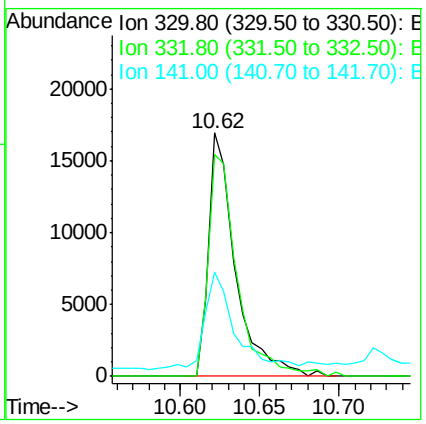


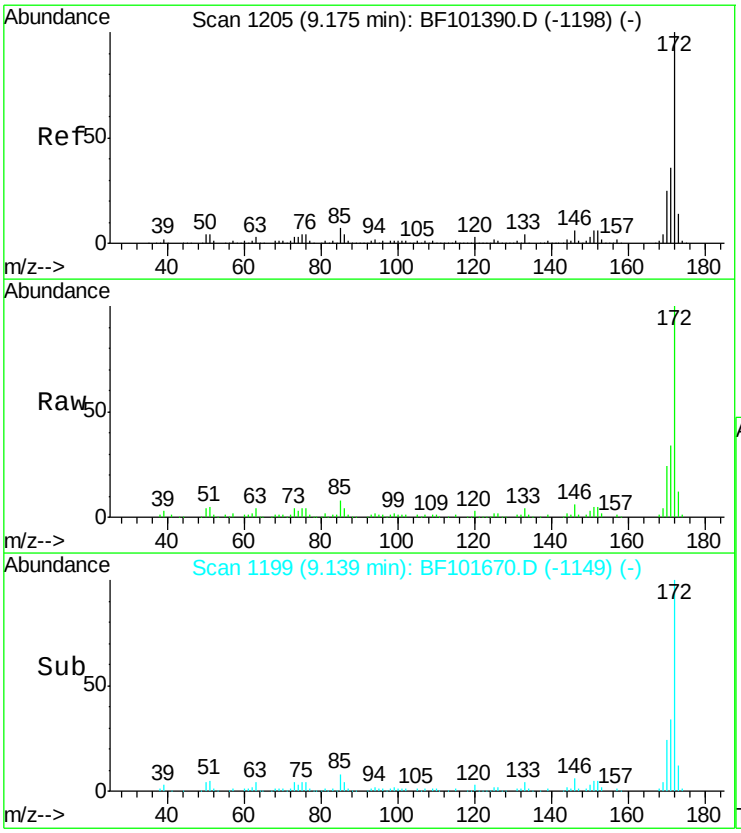
#41
2,4,6-Tribromophenol
Concen: 8.708 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion:330 Resp: 20184

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	46.1	29.9	44.9#

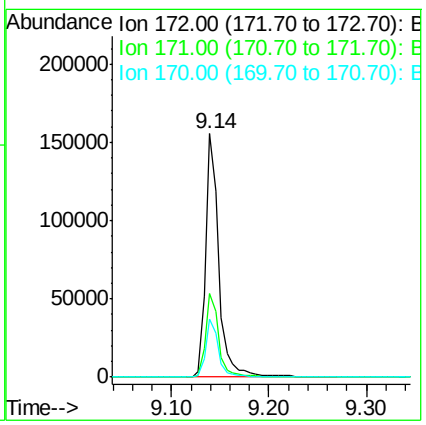


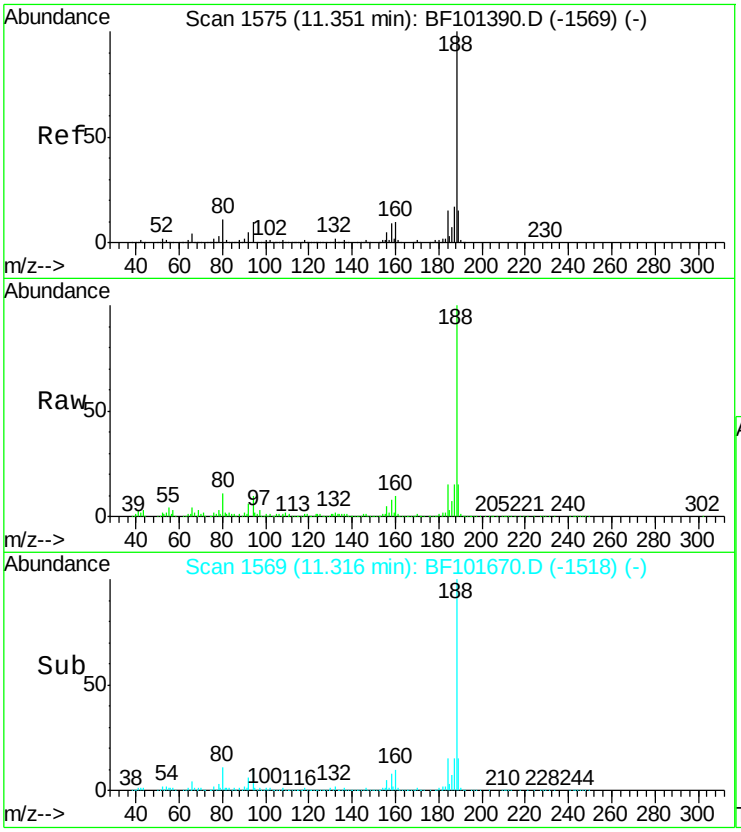


#44
2-Fluorobiphenyl
Concen: 9.429 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:172 Resp: 146222

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	23.6	19.6	29.4



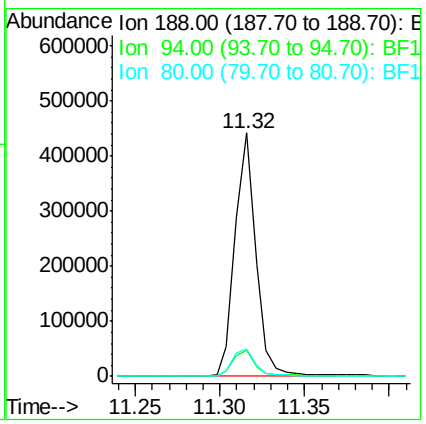


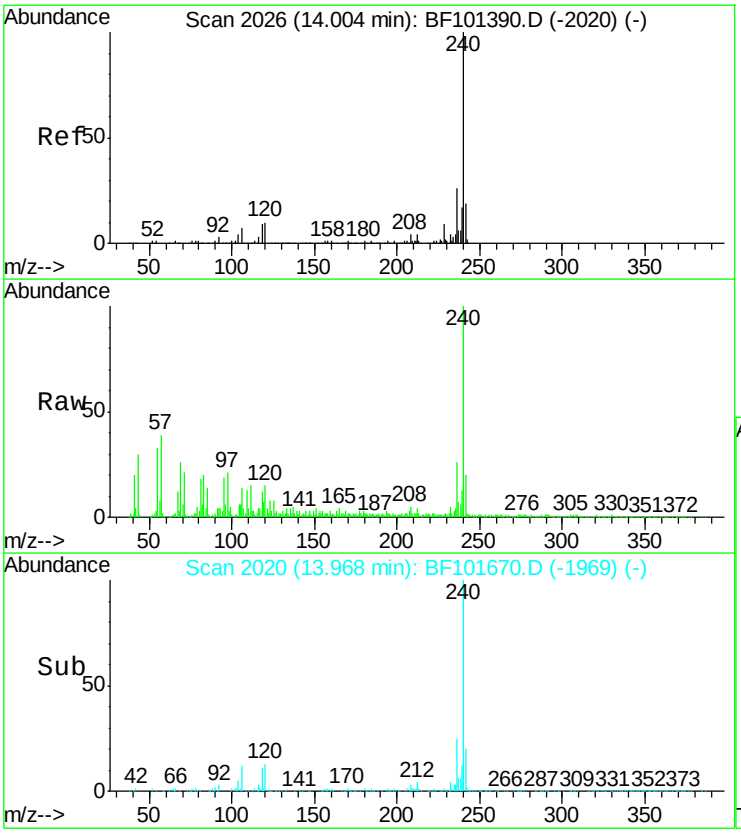
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion:188 Resp: 379688

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8

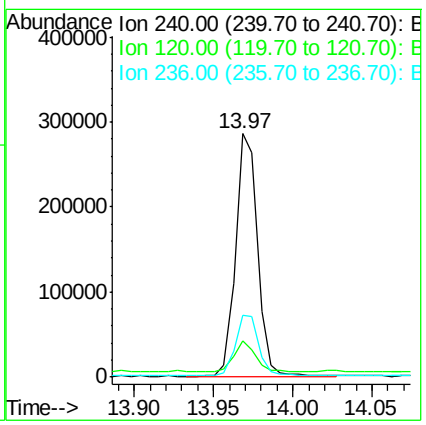


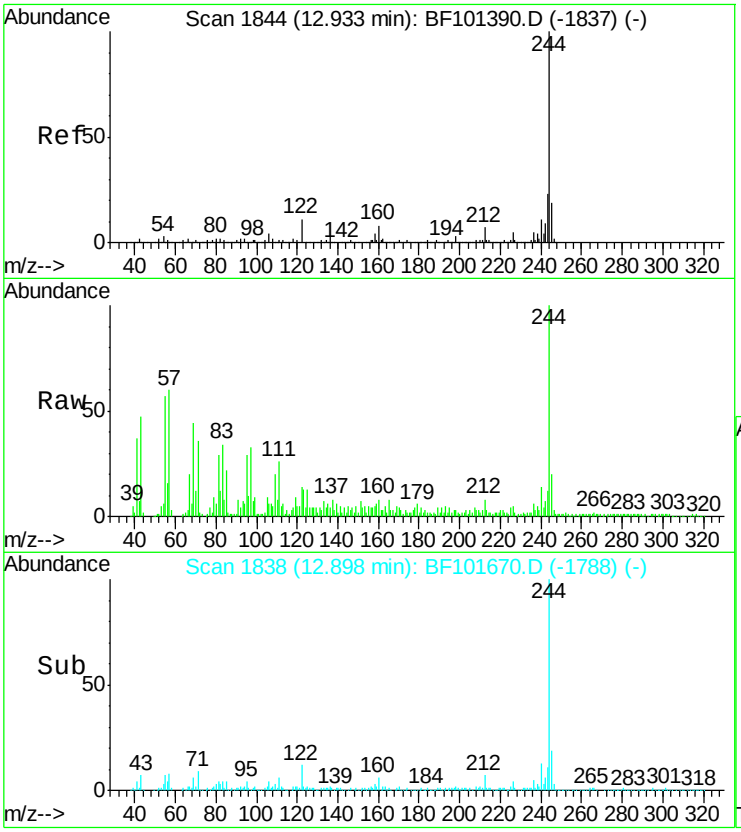


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:240 Resp: 272963

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.6	20.7	31.1



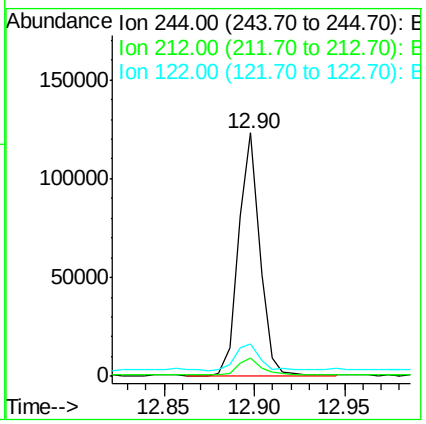


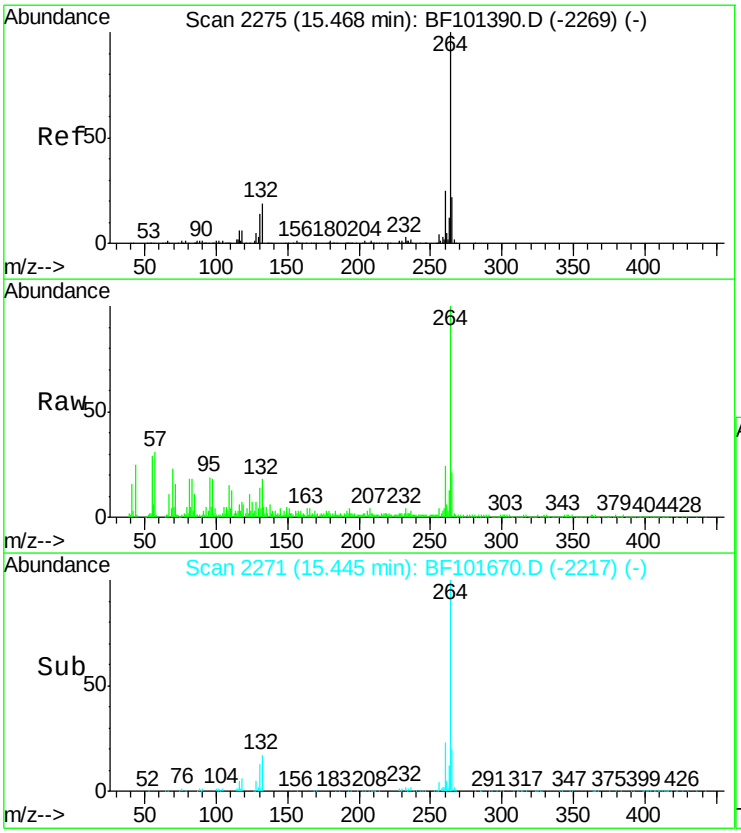
#78
Terphenyl-d14
Concen: 8.810 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tgt Ion:244 Resp: 99754

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:264 Resp: 266872

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3