Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101975.D
Acq On : 10 Jan 2018 1:31
Operator : SJ/JU
Sample : J1038-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: Jan 10 05:00:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218144	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	801809	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	280931	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	413649	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413138	20.00	ng	0.00
86) Perylene-d12	15.30	264	287716	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	828729	53.64	ng	0.02
7) Phenol-d6	6.36	99	609722	33.08	ng	0.01
23) Nitrobenzene-d5	7.30	82	1226969	89.92	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264532	107.90	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1713744	95.30	ng	0.00
78) Terphenyl-d14	12.84	244	1342241	67.46	ng	0.00
Target Compounds						Qvalue

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

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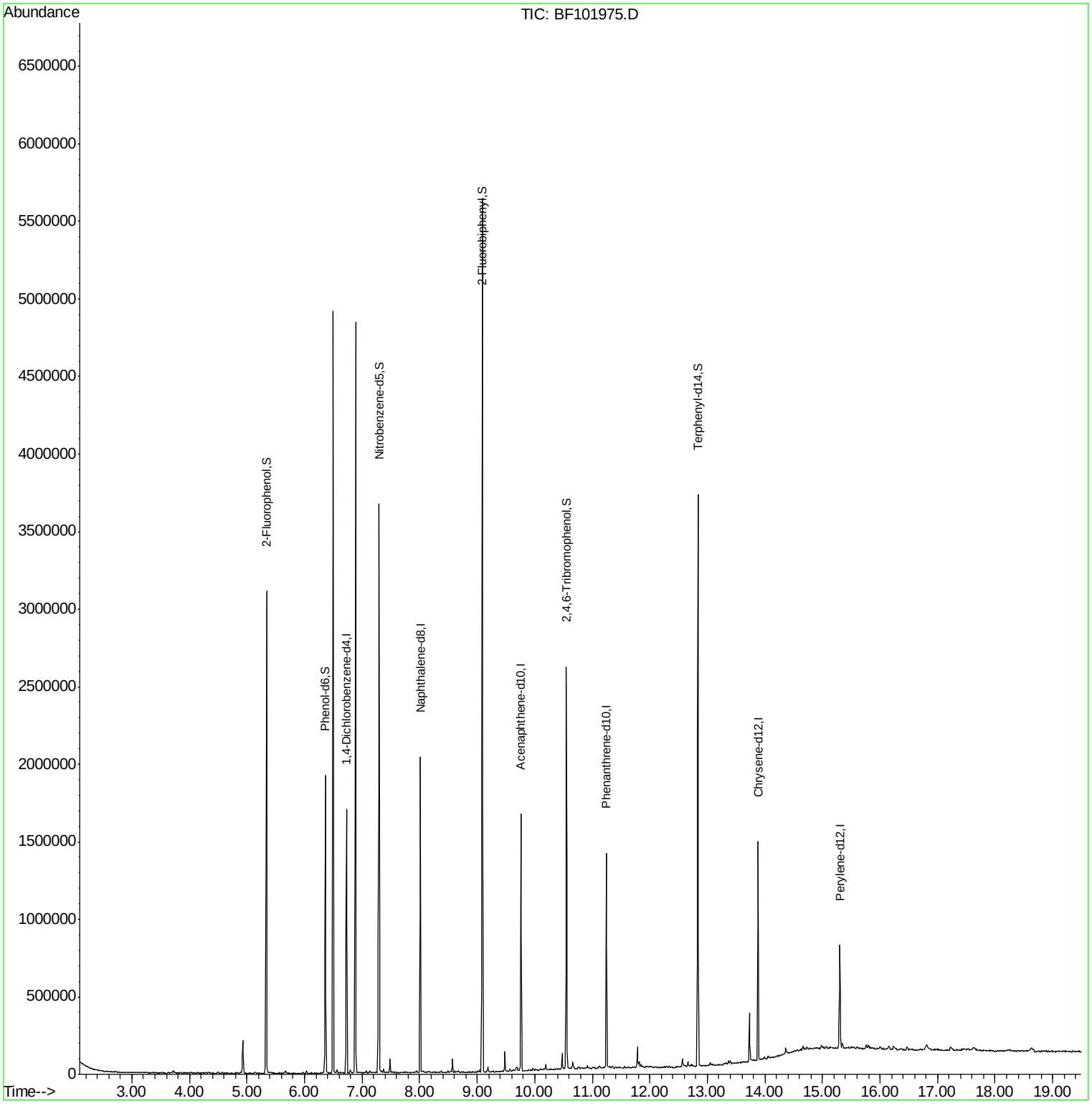
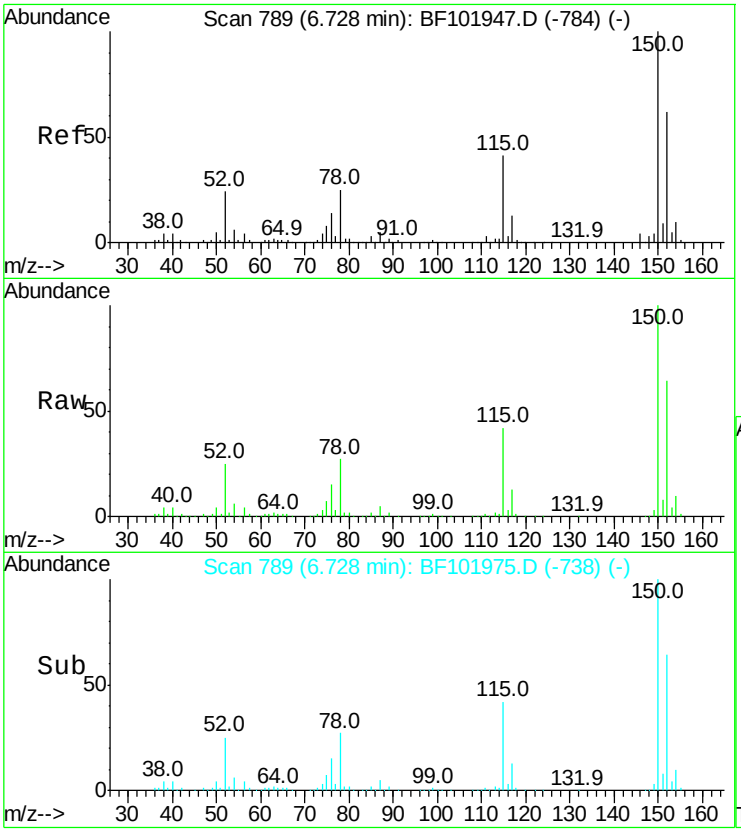


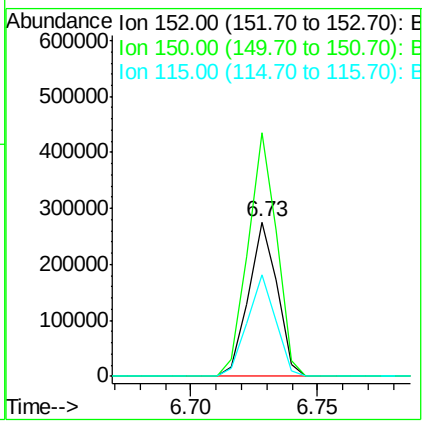


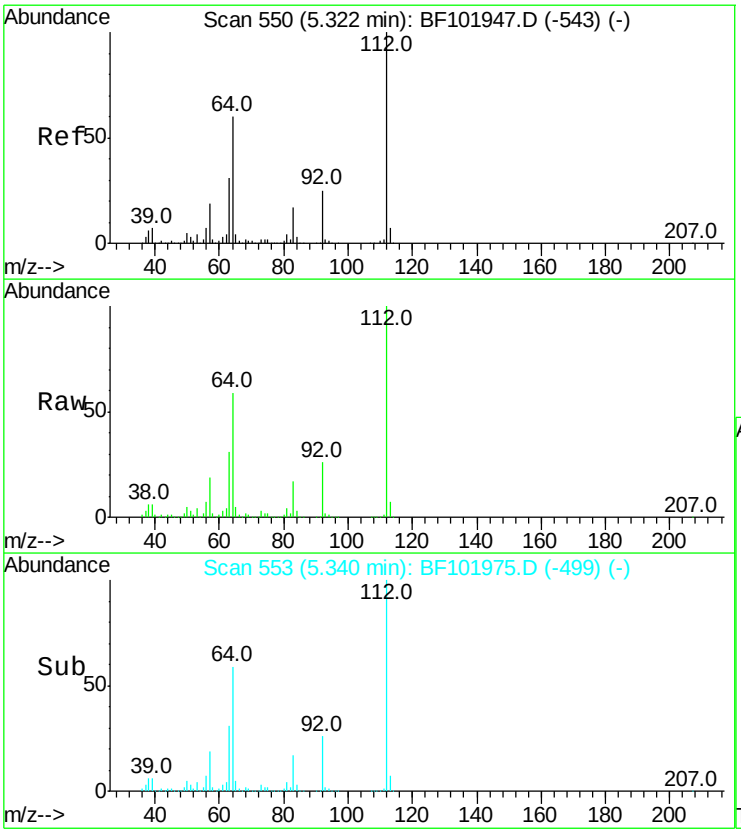
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 218144

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	65.7	50.1	75.1

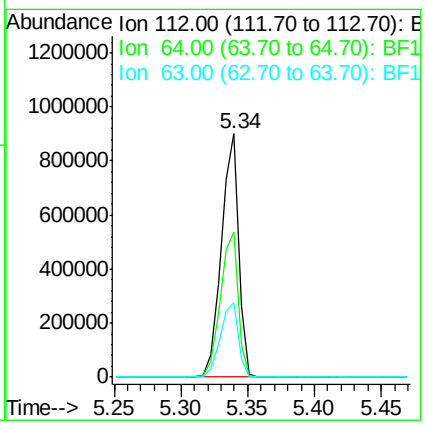




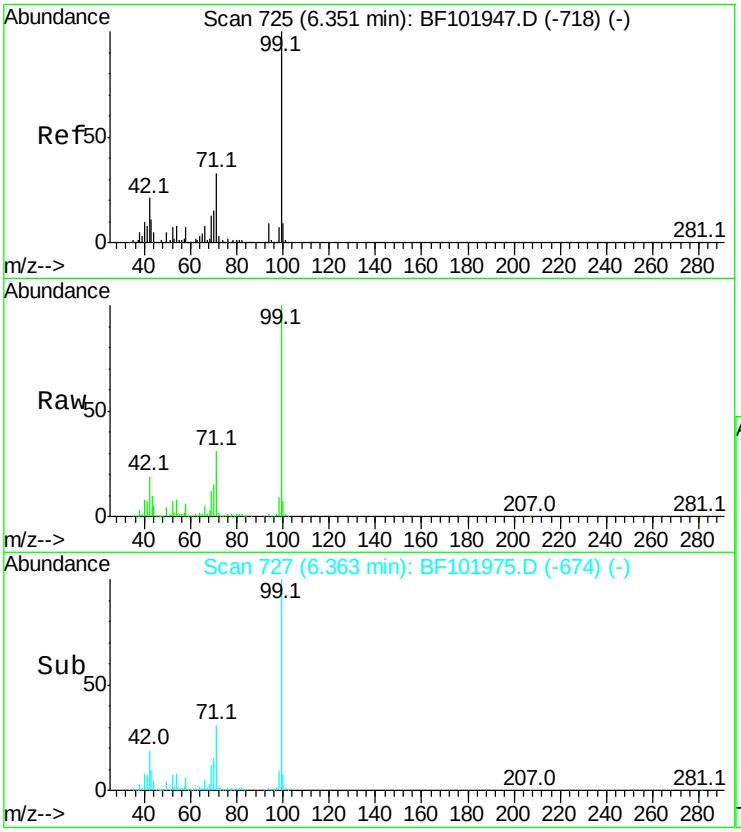
#5
2-Fluorophenol
Concen: 53.645 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:112 Resp: 828729

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.9	23.7	35.5



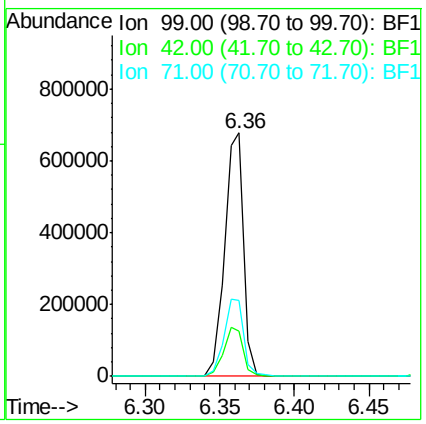
Instrument :
BNA_F
ClientSampleId :
MW-3

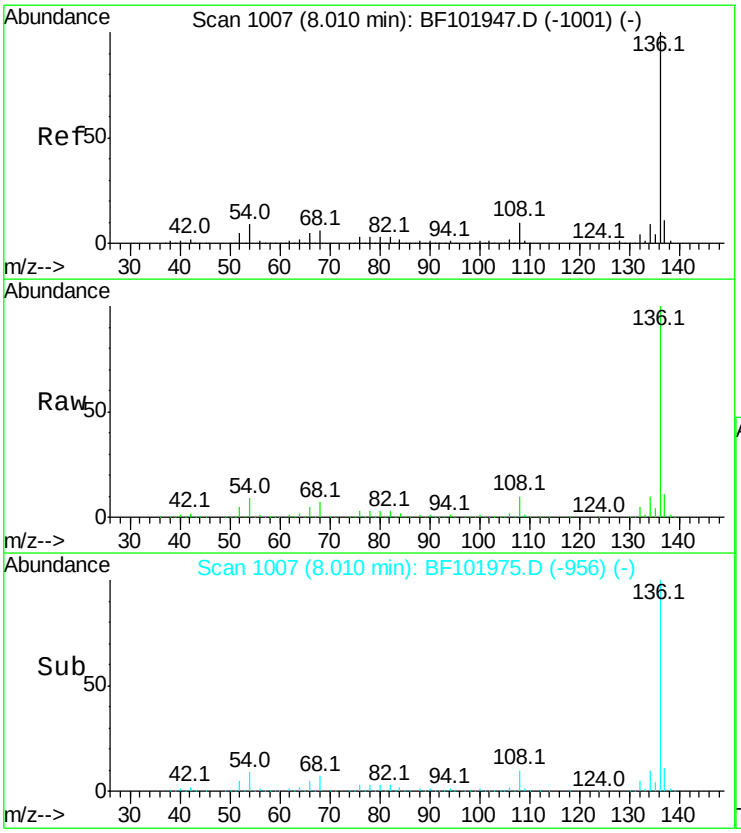


#7
Phenol-d6
Concen: 33.080 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion: 99 Resp: 609722

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	31.3	25.4	38.0

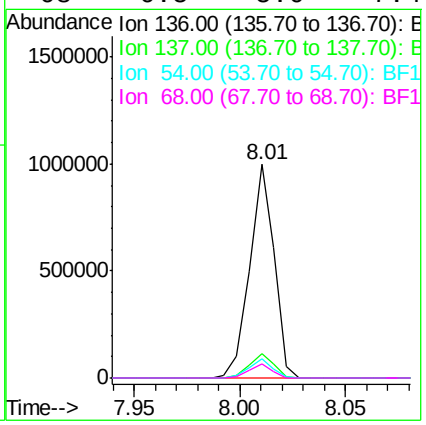


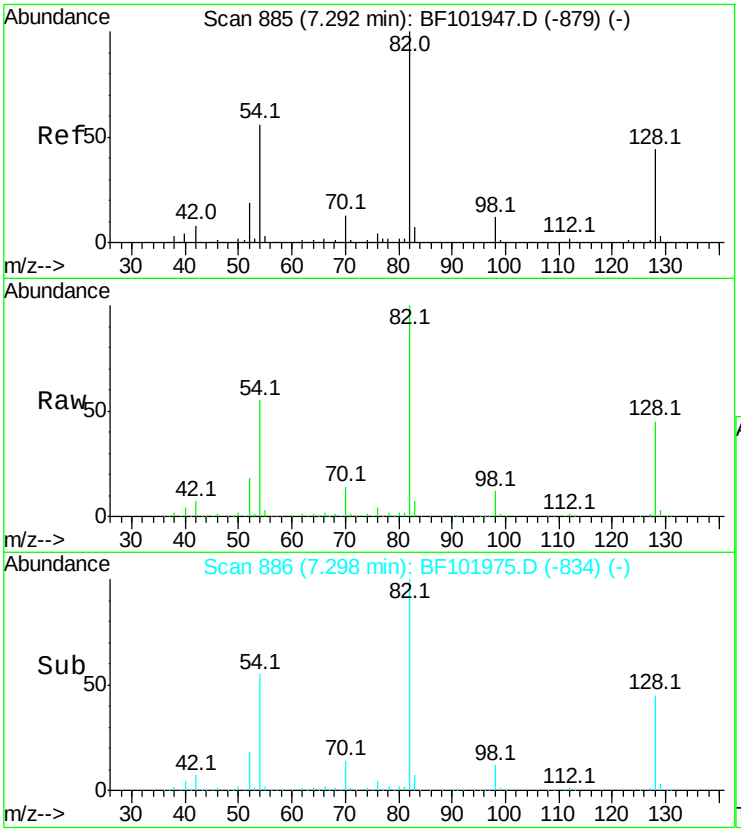


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:136 Resp: 801809

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4



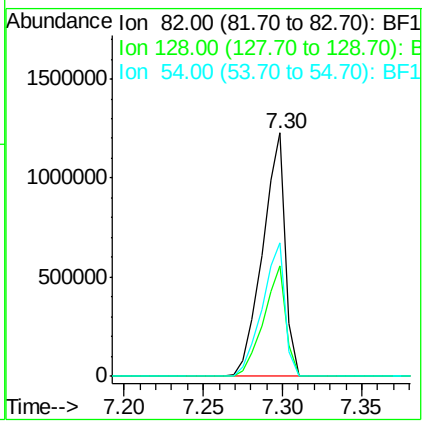


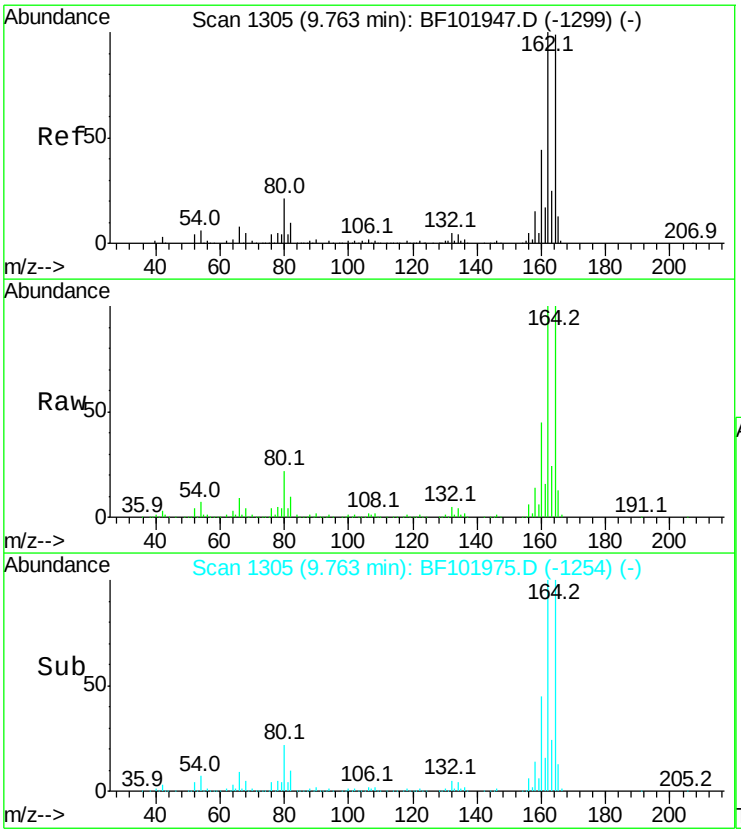
#23
Nitrobenzene-d5
Concen: 89.924 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 1226969

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2

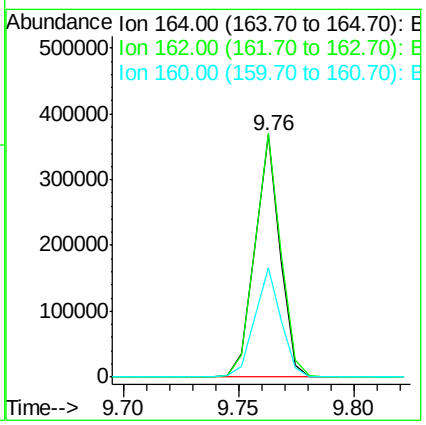


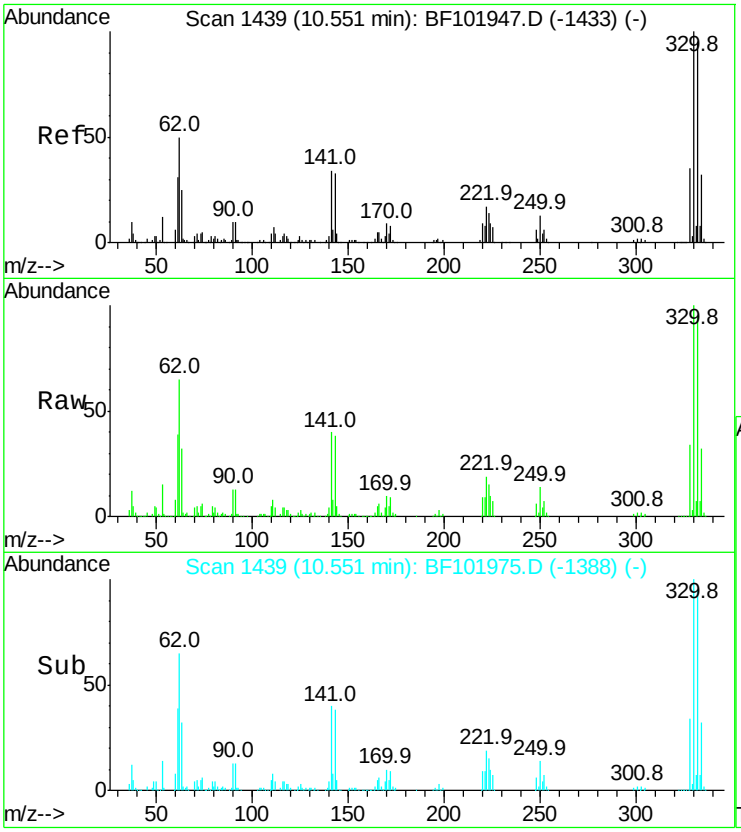


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:164 Resp: 280931

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	44.9	38.3	57.5



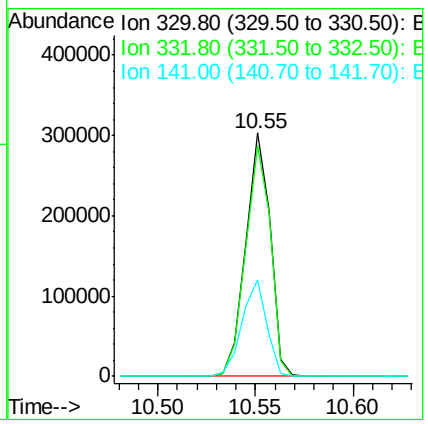


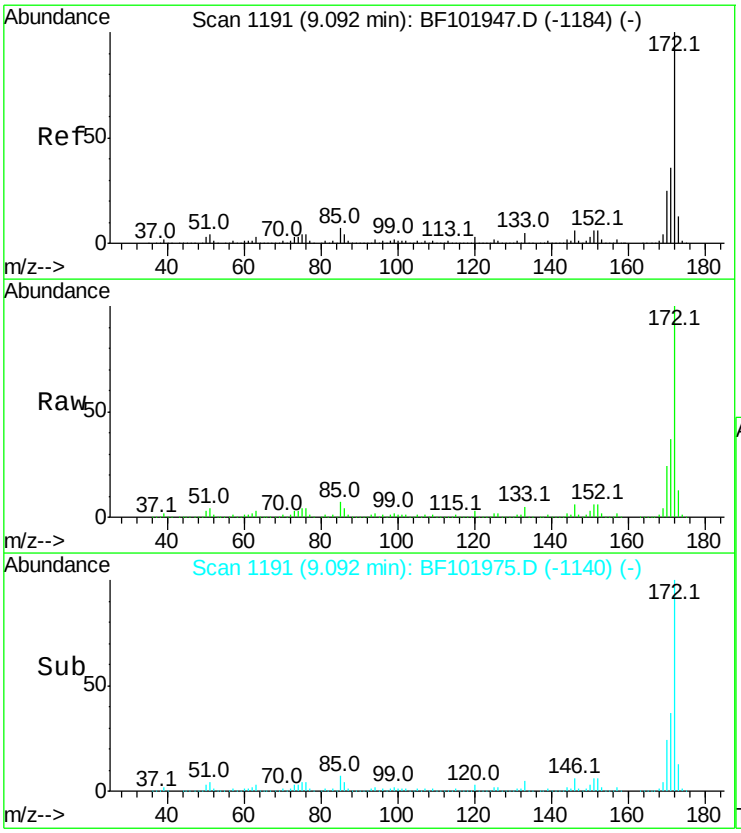
#41
2,4,6-Tribromophenol
Concen: 107.900 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 264532

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.2	29.9	44.9

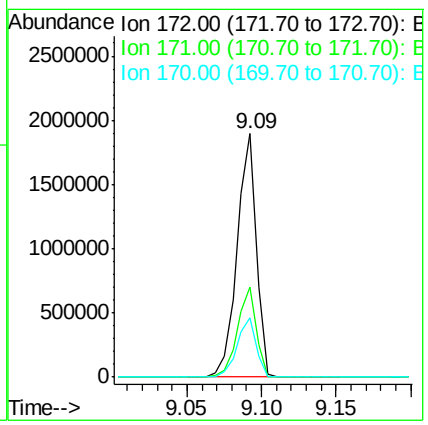


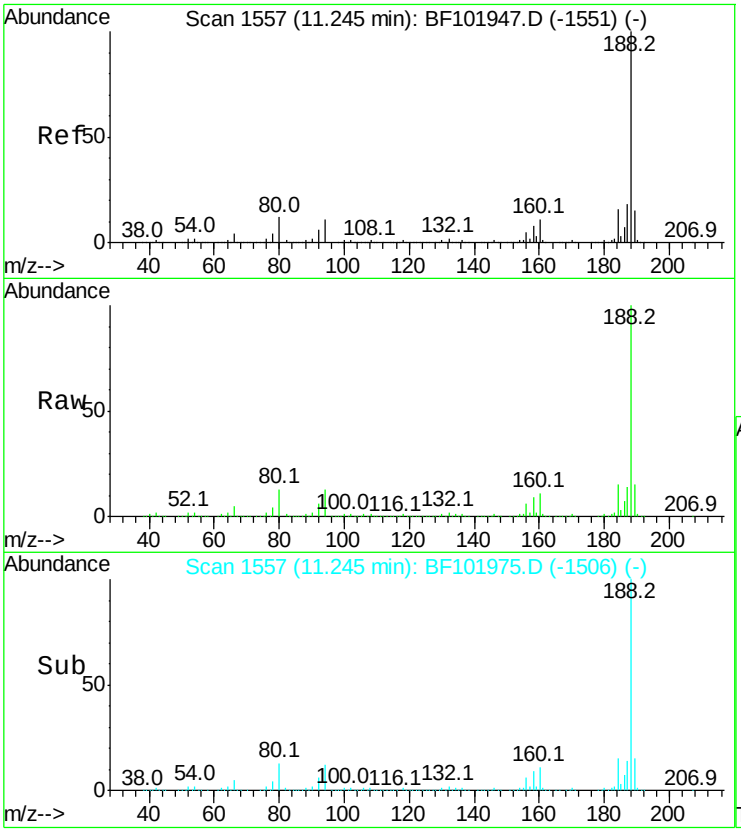


#44
2-Fluorobiphenyl
Concen: 95.302 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:172 Resp: 1713744

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4



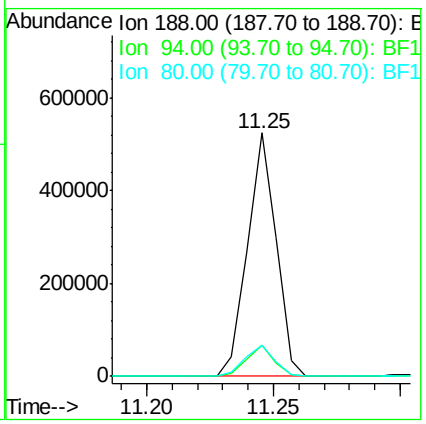


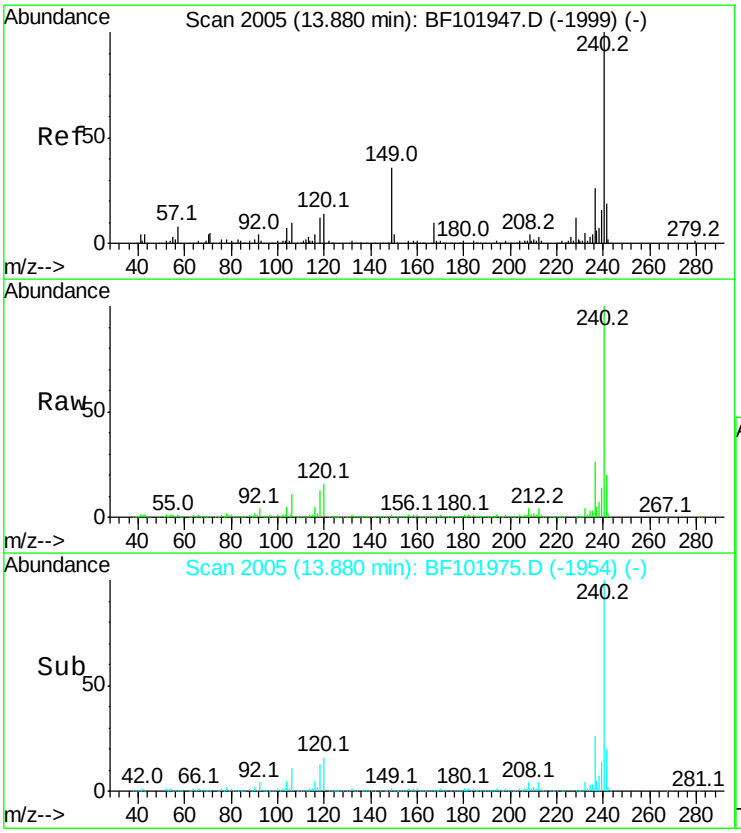
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 413649

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	12.8	9.2	13.8

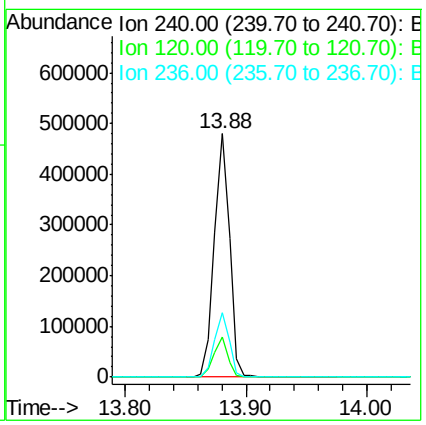


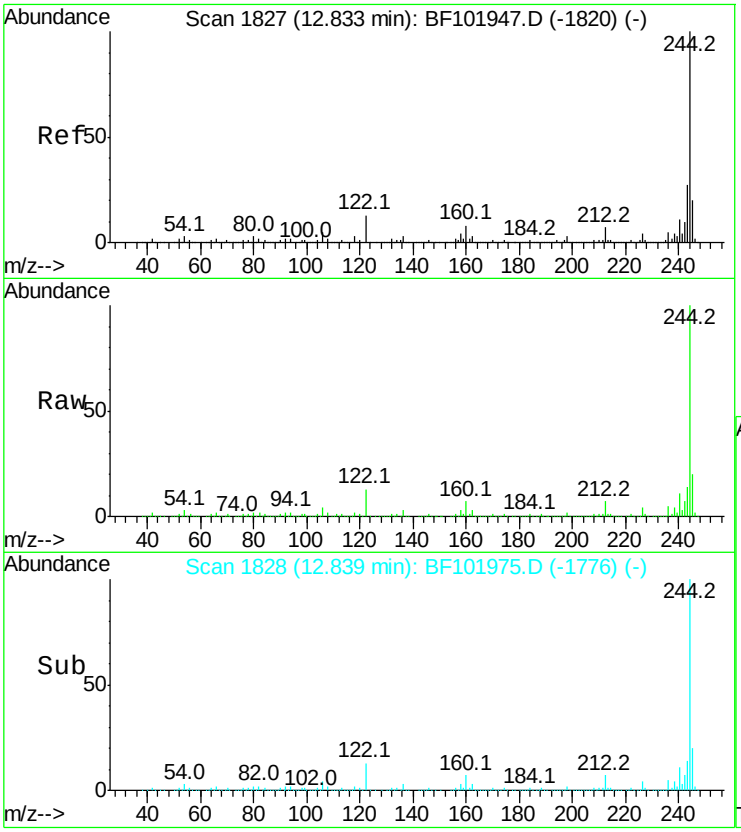


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:240 Resp: 413138

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	26.4	20.7	31.1



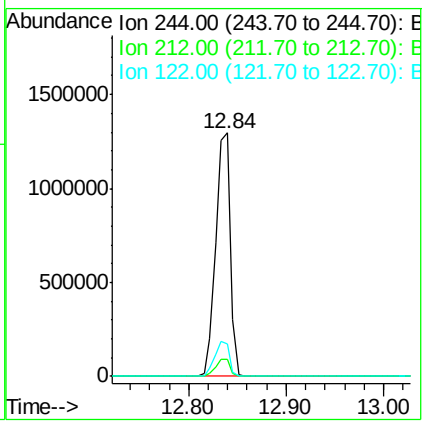


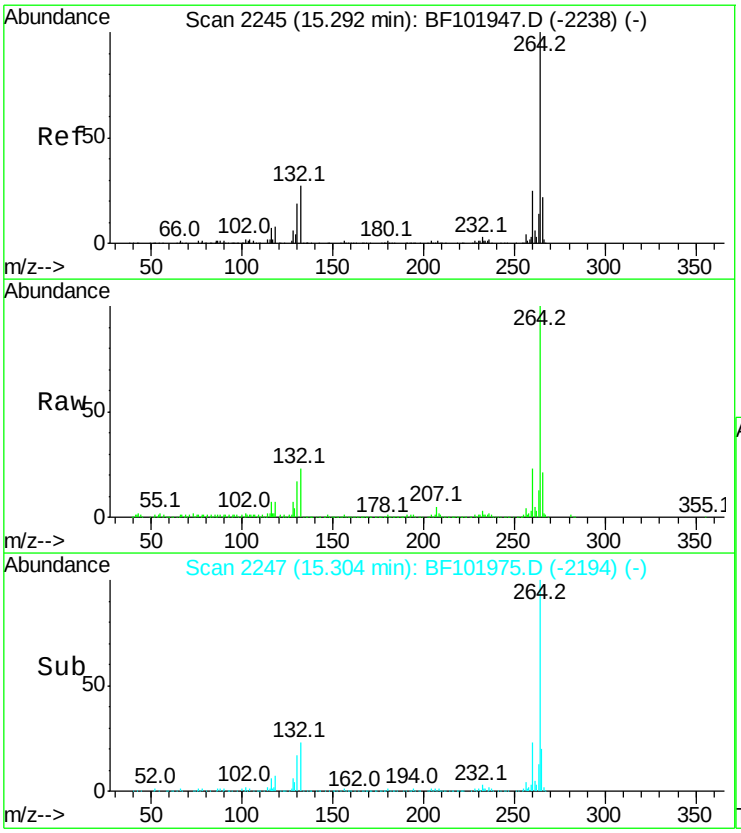
#78
Terphenyl-d14
Concen: 67.456 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1342241

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF101975.D
Acq: 10 Jan 2018 1:31

Tgt Ion:264 Resp: 287716

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3