Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100041.D
Acq On : 1 Nov 2017 11:09
Operator : SJ/JU
Sample : I6092-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STRAIGHT-PATH-WEST-COMP(0-3)

Quant Time: Nov 01 14:13:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73865	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	303056	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	123557	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	251222	20.00	ng	0.00
75) Chrysene-d12	13.98	240	142759	20.00	ng	0.00
86) Perylene-d12	15.47	264	64064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	659053	140.08	ng	0.02
7) Phenol-d6	6.43	99	675001	121.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	469893	99.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	188935	167.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	987739	123.34	ng	0.00
78) Terphenyl-d14	12.90	244	812717	124.41	ng	0.00
Target Compounds						Qvalue

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

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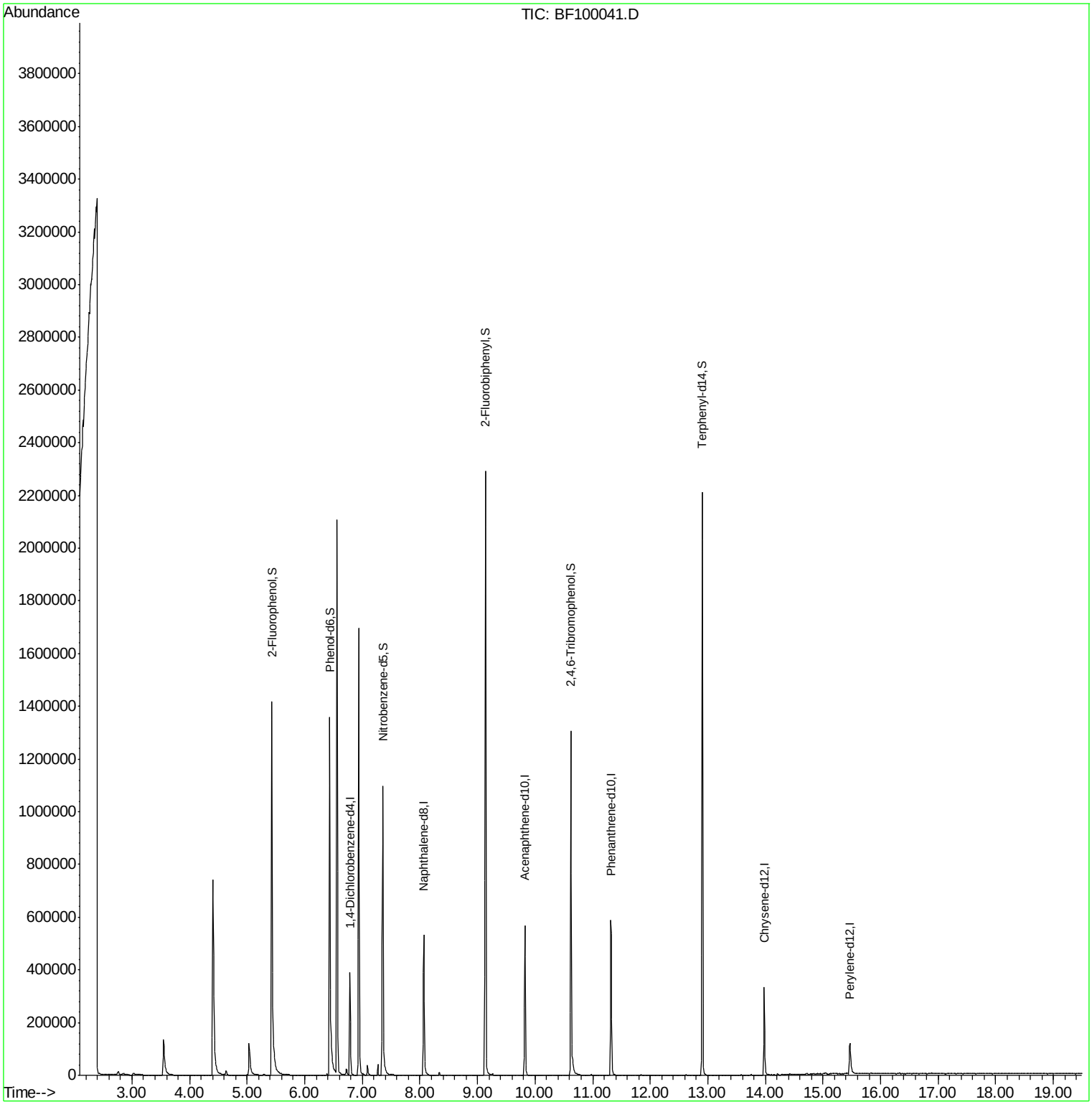
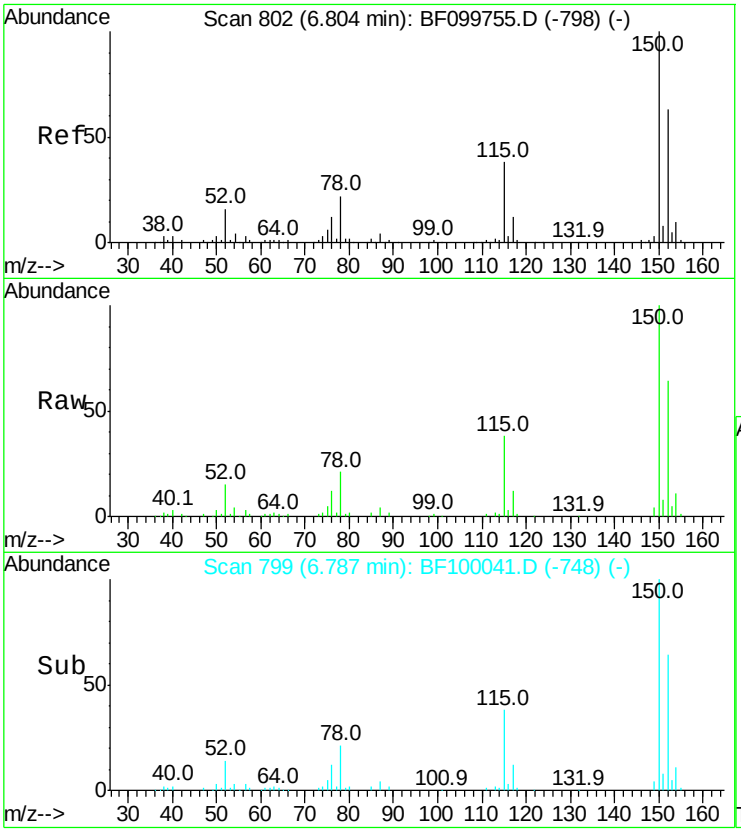


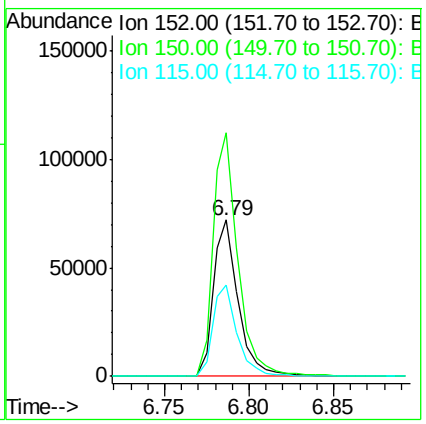


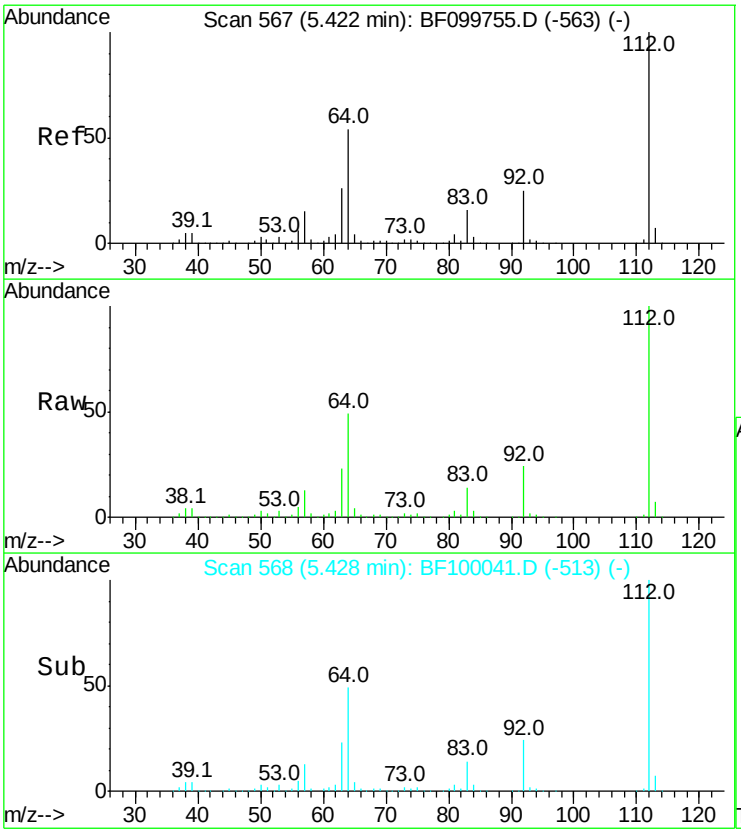
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion:152 Resp: 73865

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	58.5	50.1	75.1

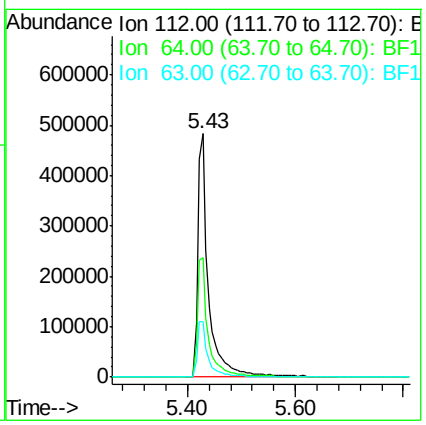


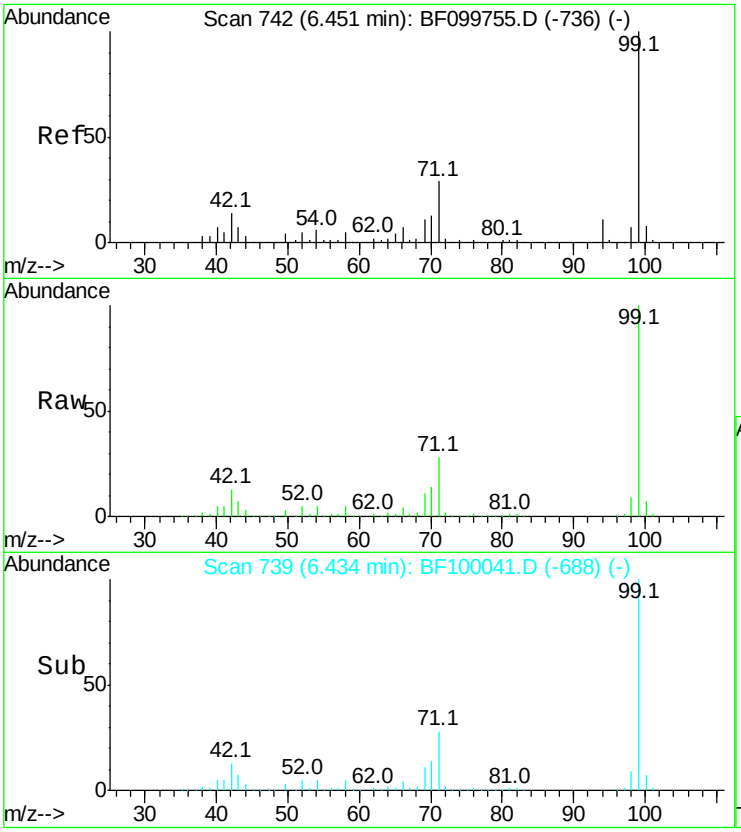


#5
2-Fluorophenol
Concen: 140.079 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:112 Resp: 659053

Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	23.0	23.7	35.5#



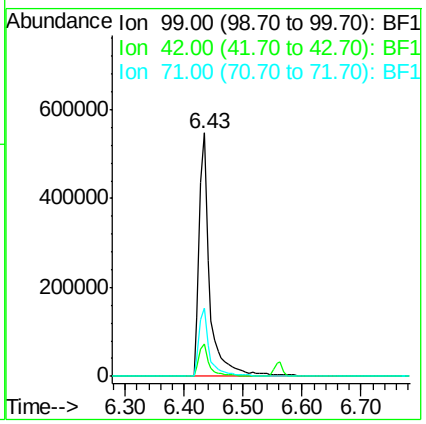


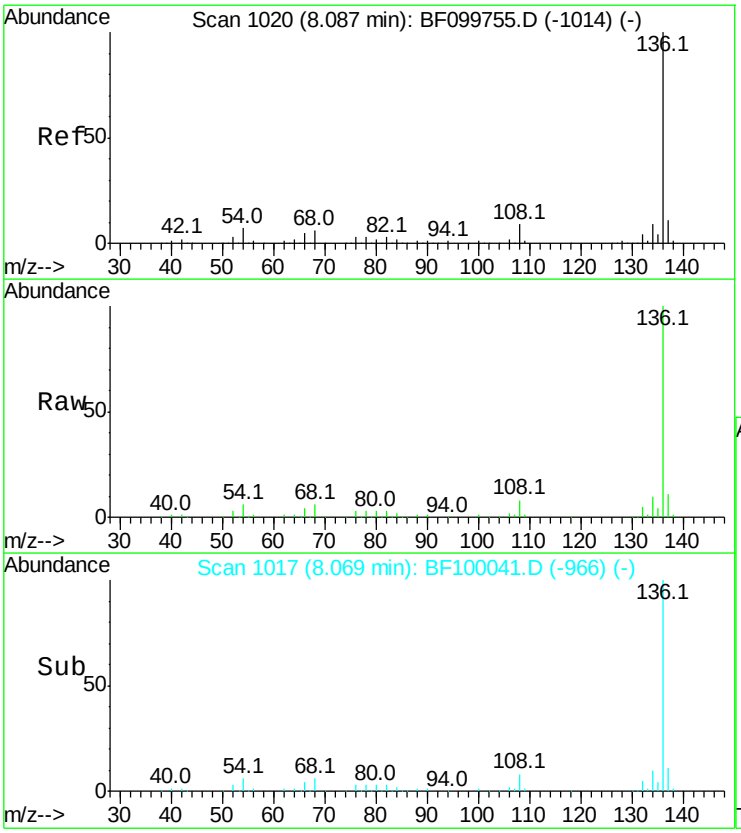
#7
Phenol-d6
Concen: 120.997 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion: 99 Resp: 675001

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	28.0	25.4	38.0

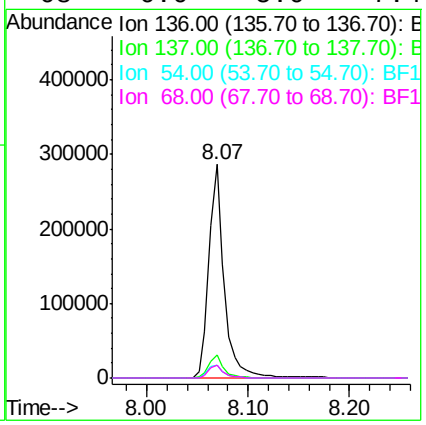


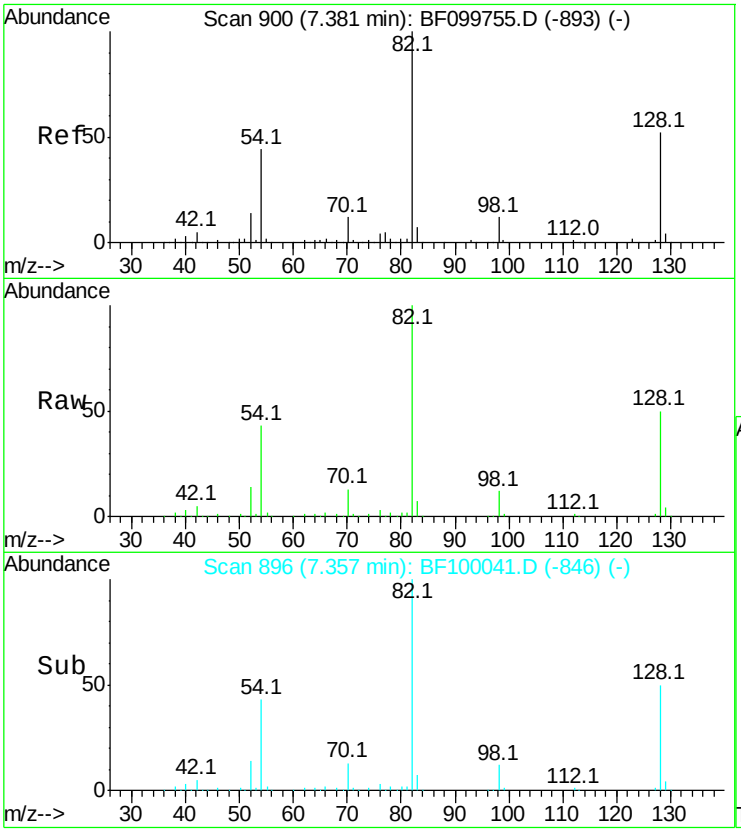


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:136 Resp: 303056

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	6.6	9.8#
68	6.0	5.0	7.4



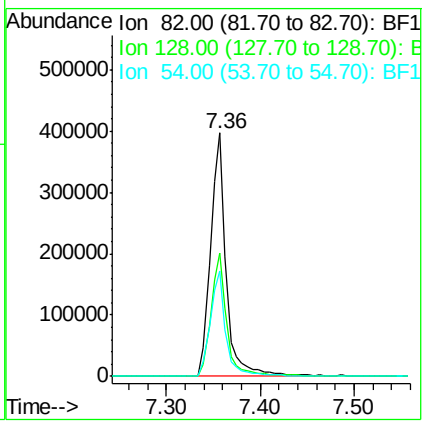


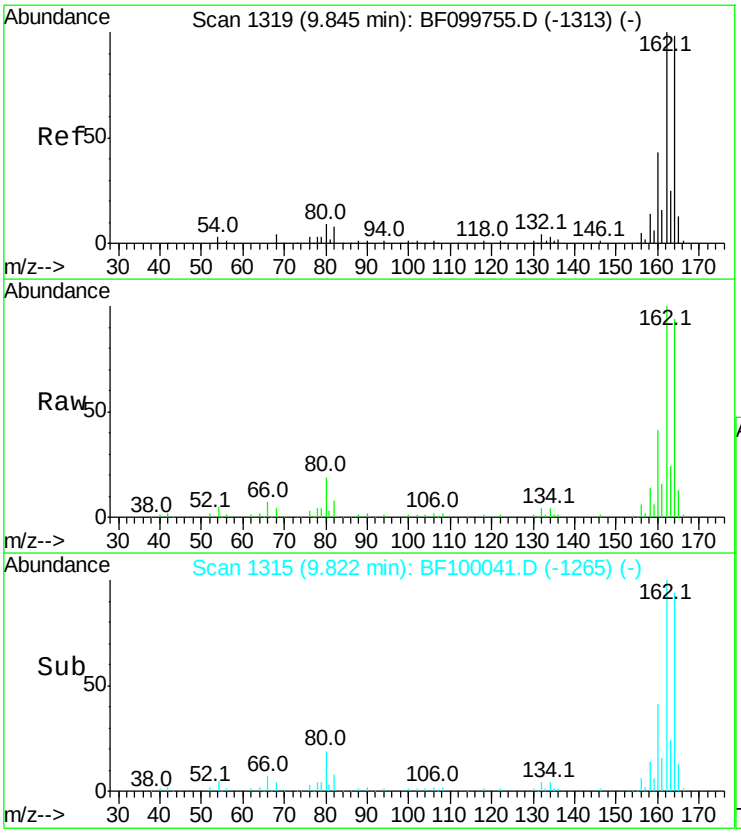
#23
Nitrobenzene-d5
Concen: 99.823 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion: 82 Resp: 469893

Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.4	41.4	62.2

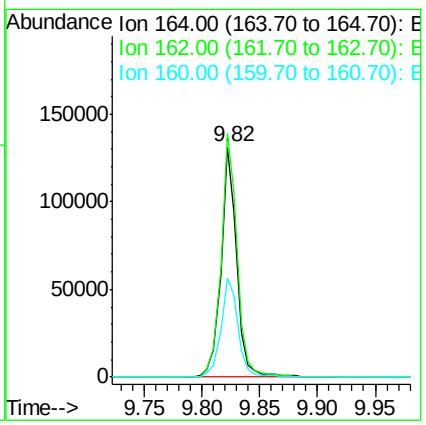


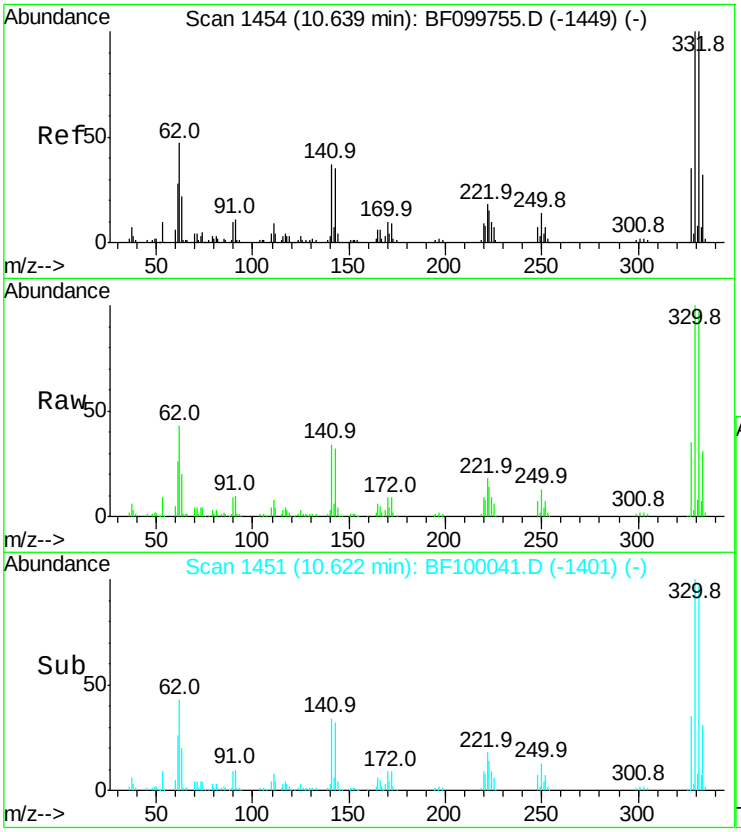


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:164 Resp: 123557

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	43.1	38.3	57.5



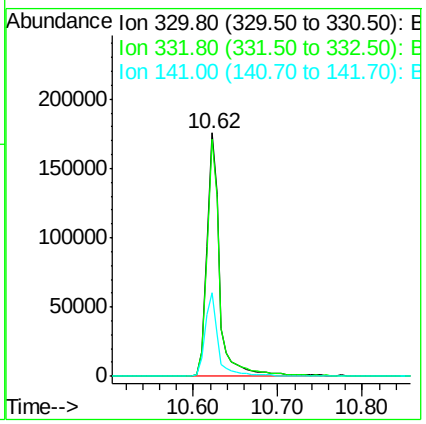


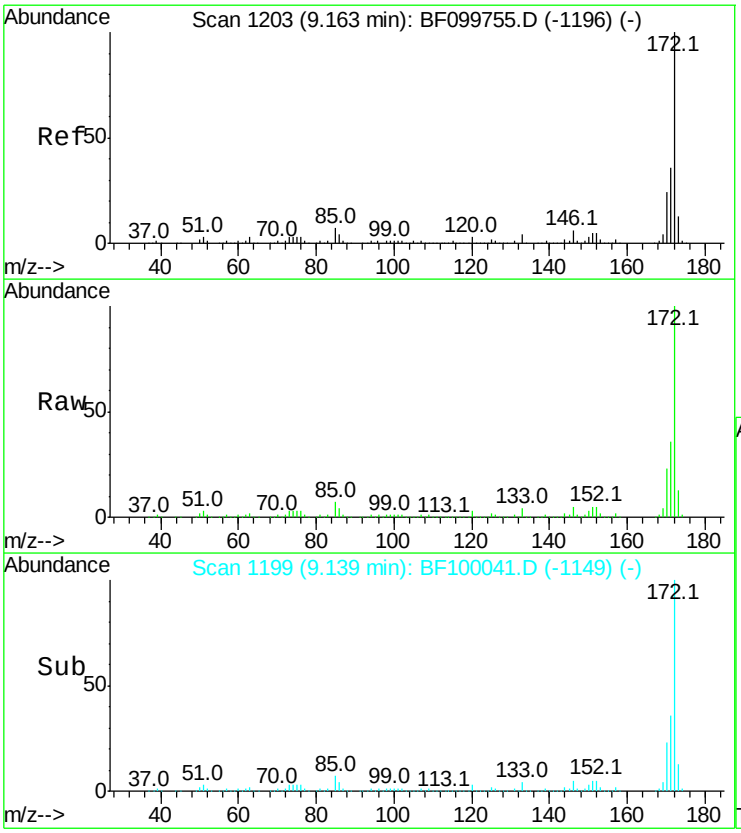
#41
2,4,6-Tribromophenol
Concen: 167.794 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion:330 Resp: 188935

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.8	29.9	44.9

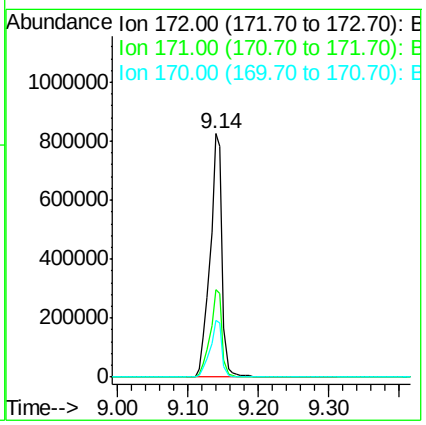


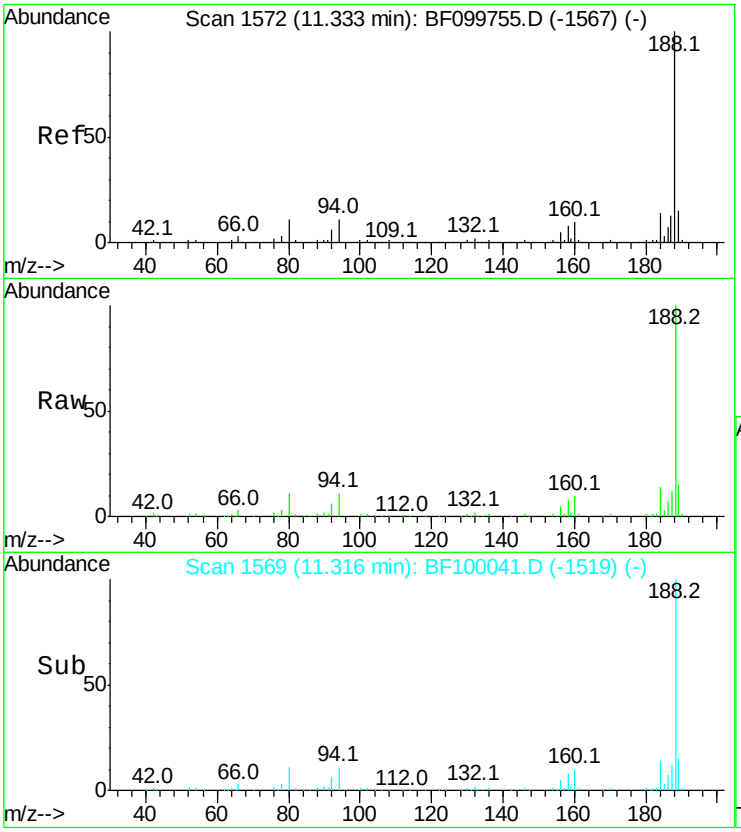


#44
2-Fluorobiphenyl
Concen: 123.338 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:172 Resp: 987739

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



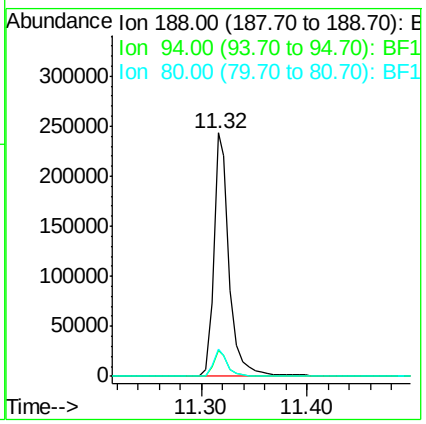


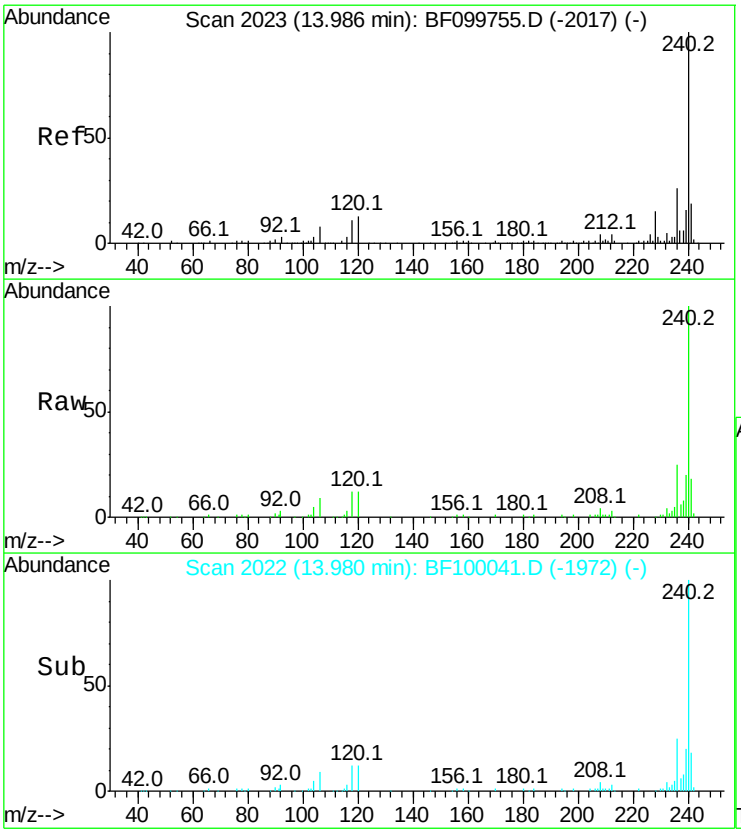
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion:188 Resp: 251222

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

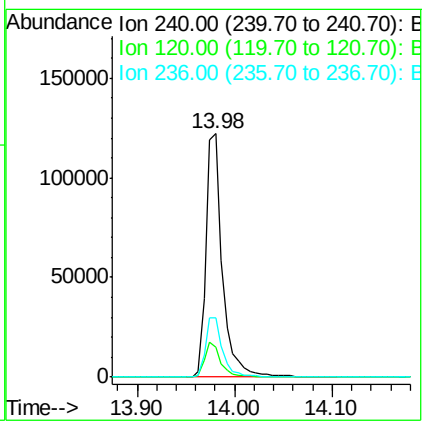


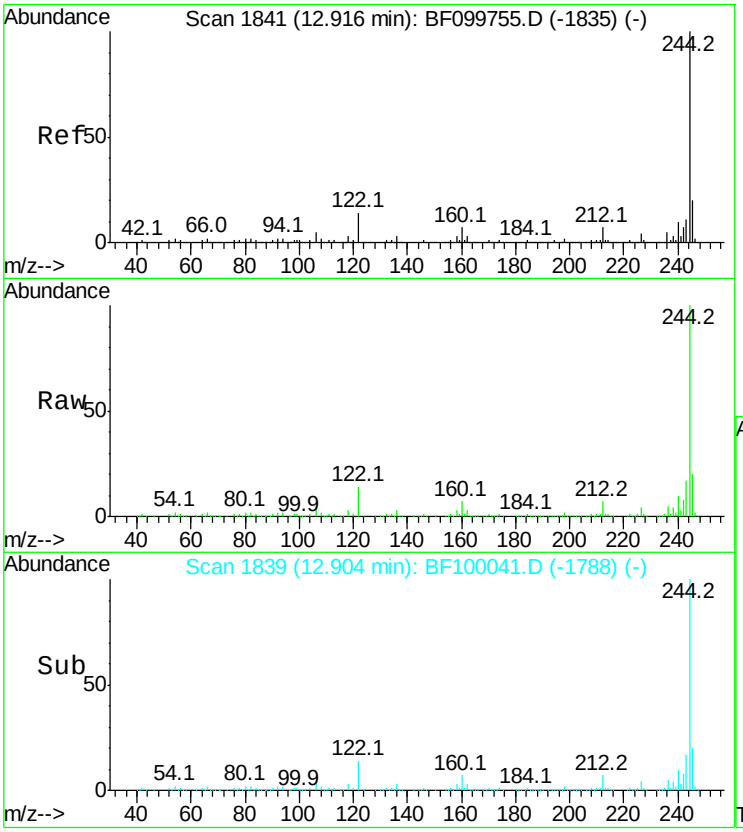


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:240 Resp: 142759

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	24.5	20.7	31.1



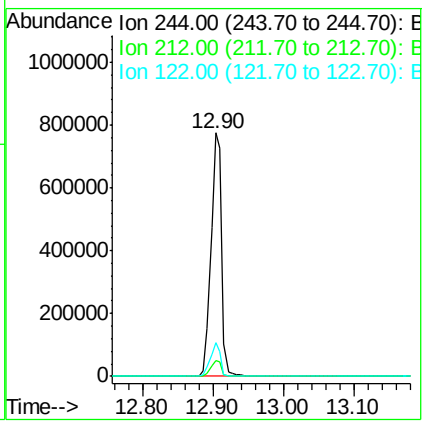


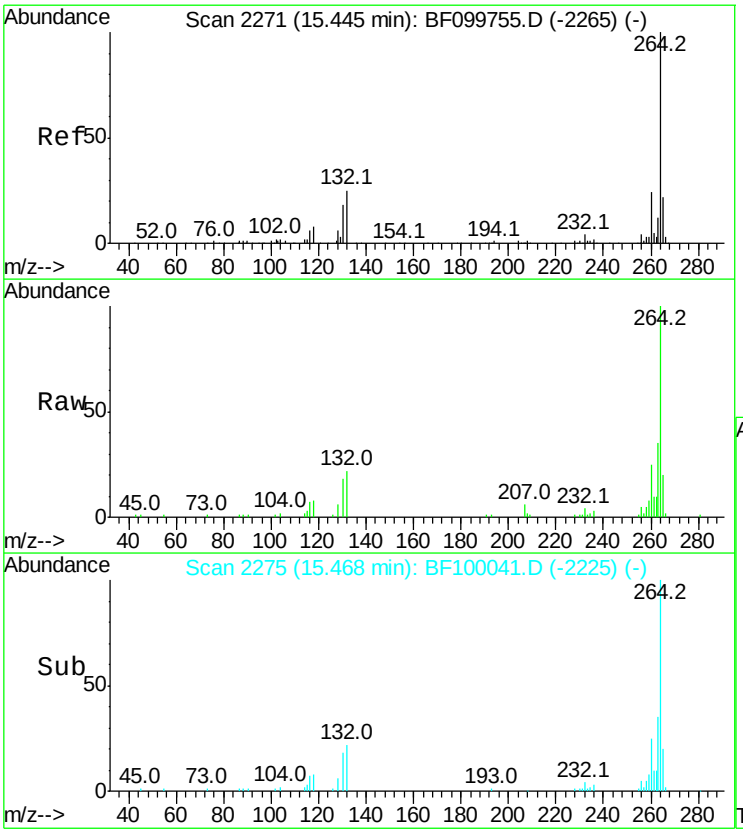
#78
Terphenyl-d14
Concen: 124.412 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-WEST-COMP(0-3)

Tgt Ion:244 Resp: 812717

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:264 Resp: 64064

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.1	17.5	26.3