Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100135.D
Acq On : 3 Nov 2017 15:34
Operator : SJ/JU
Sample : I6258-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOXWOOD-DR-2-4-12-14

Quant Time: Nov 03 16:08:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82314	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	346564	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	168424	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	311422	20.00	ng	0.00
75) Chrysene-d12	13.95	240	222224	20.00	ng	0.00
86) Perylene-d12	15.41	264	146196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	690893	131.77	ng	0.02
7) Phenol-d6	6.42	99	721198	116.01	ng	0.00
23) Nitrobenzene-d5	7.34	82	523759	97.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	228289	148.73	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1070980	98.11	ng	0.00
78) Terphenyl-d14	12.89	244	990620	97.42	ng	0.00
Target Compounds						Qvalue

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

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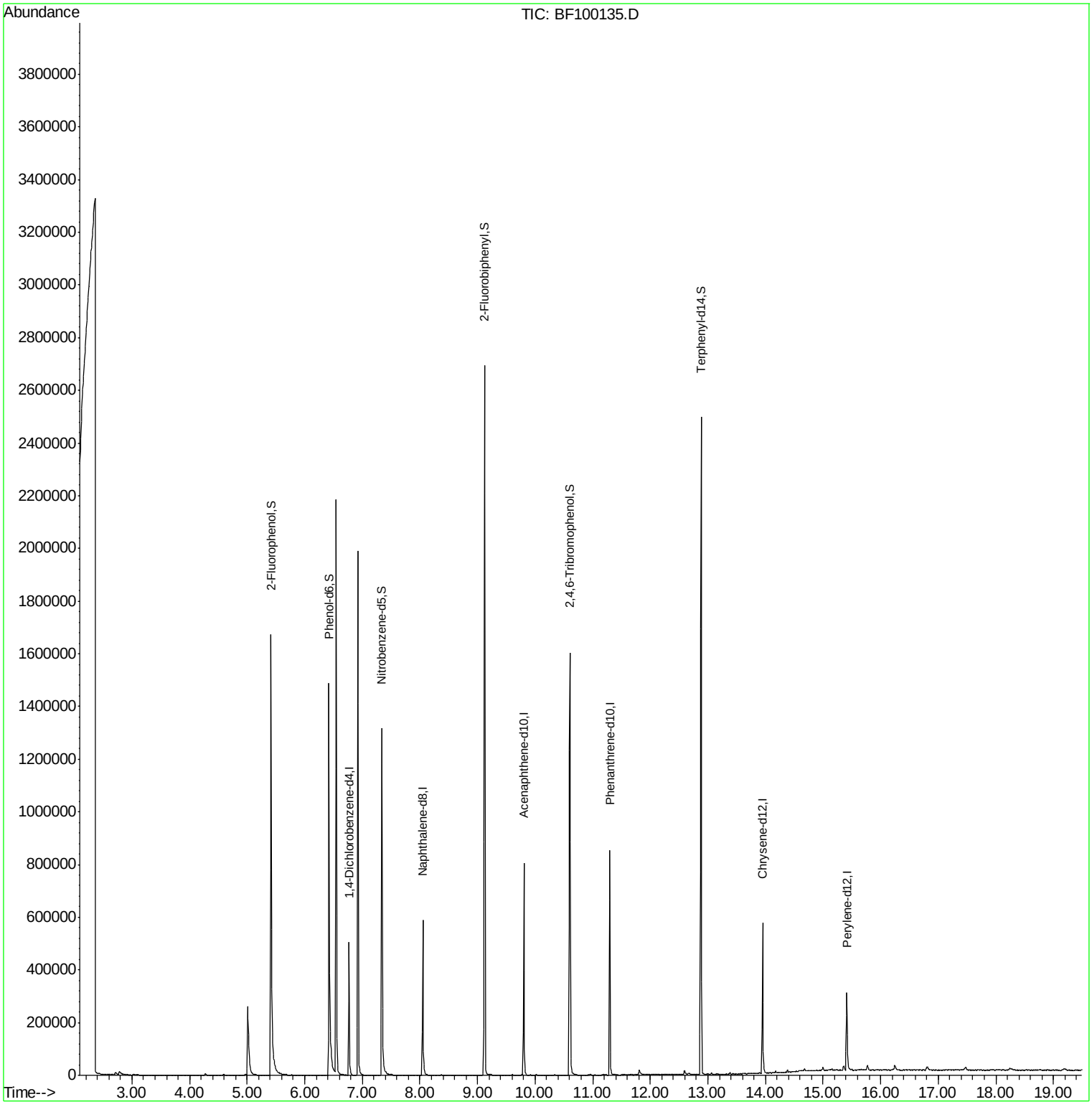
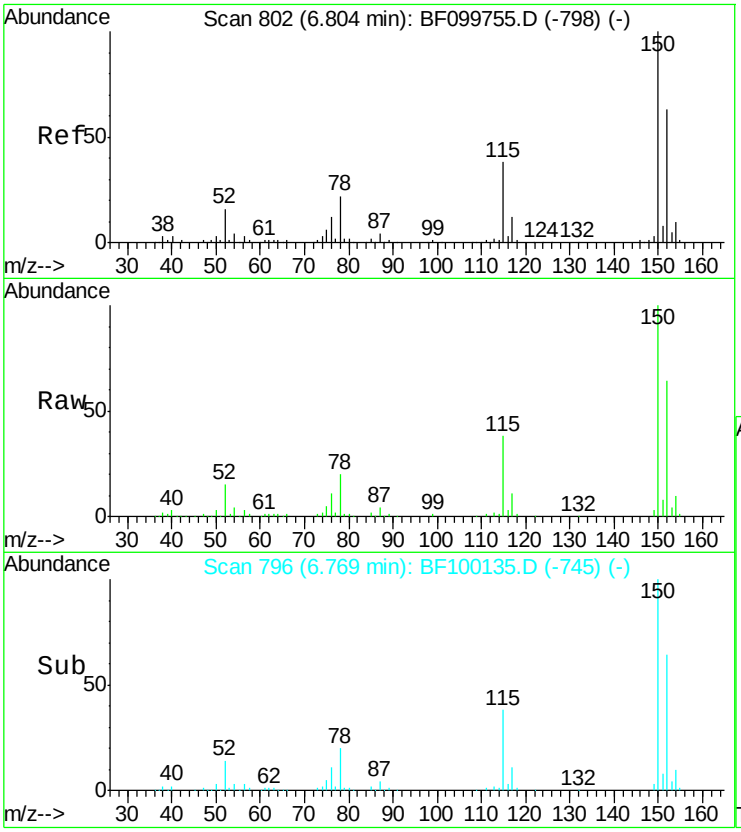


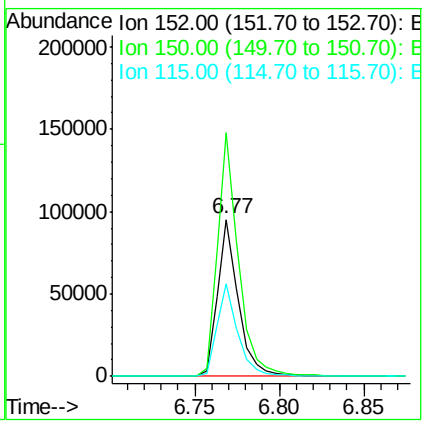


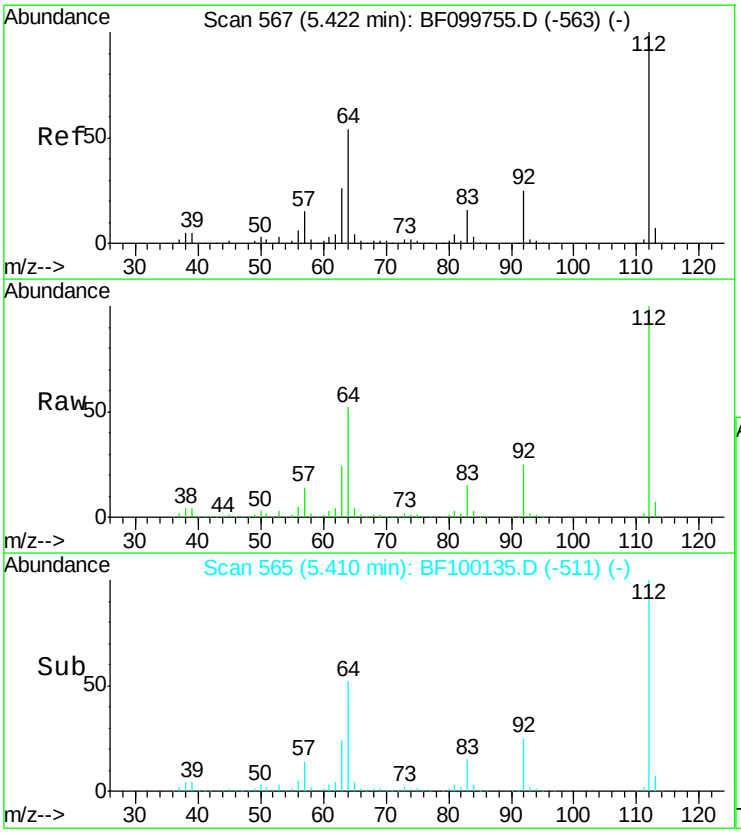
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion:152 Resp: 82314

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.0	50.1	75.1

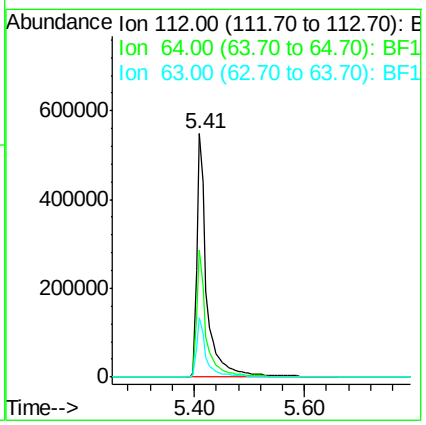


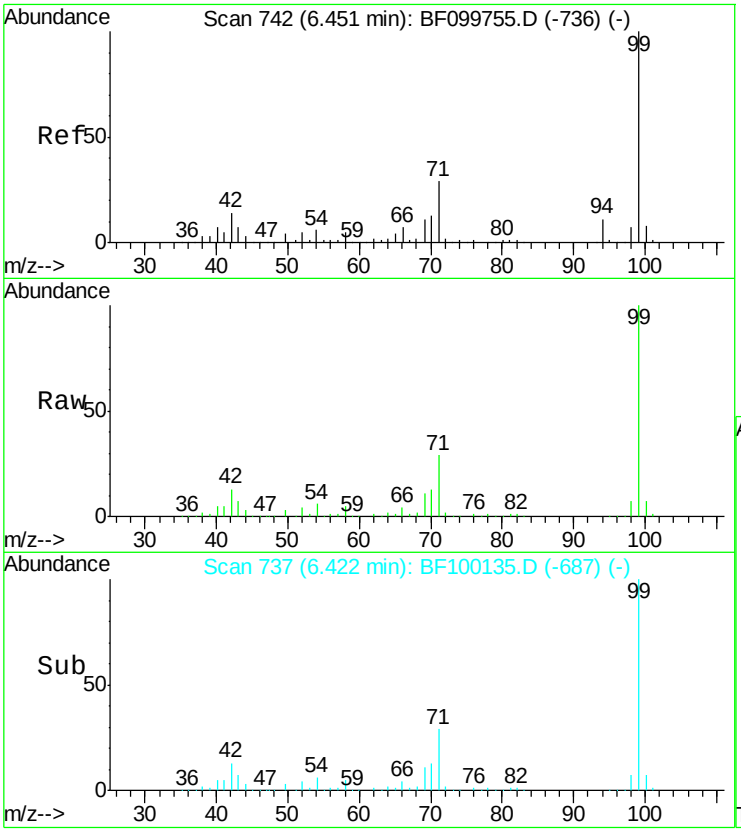


#5
2-Fluorophenol
Concen: 131.773 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:112 Resp: 690893

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	24.2	23.7	35.5



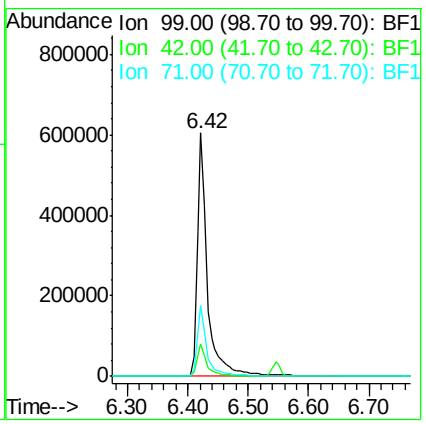


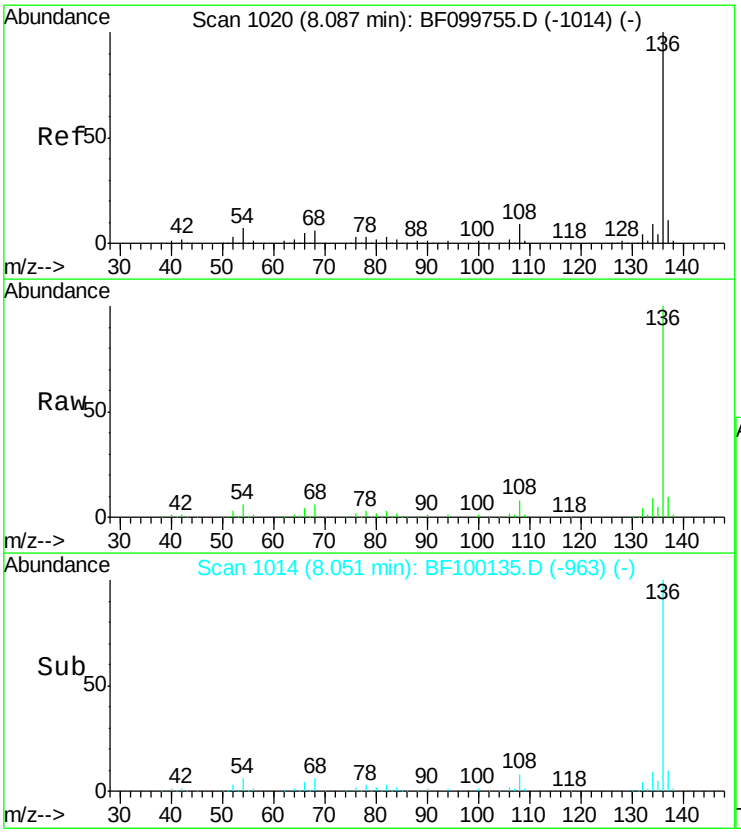
#7
Phenol-d6
Concen: 116.008 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion: 99 Resp: 721198

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	29.3	25.4	38.0

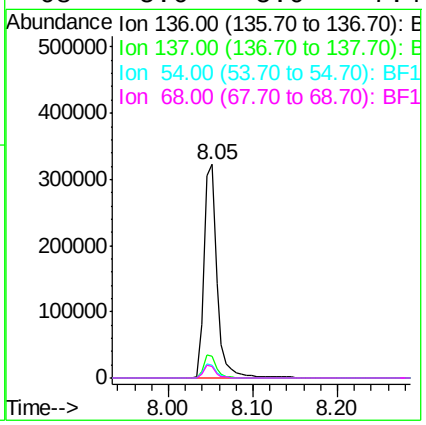


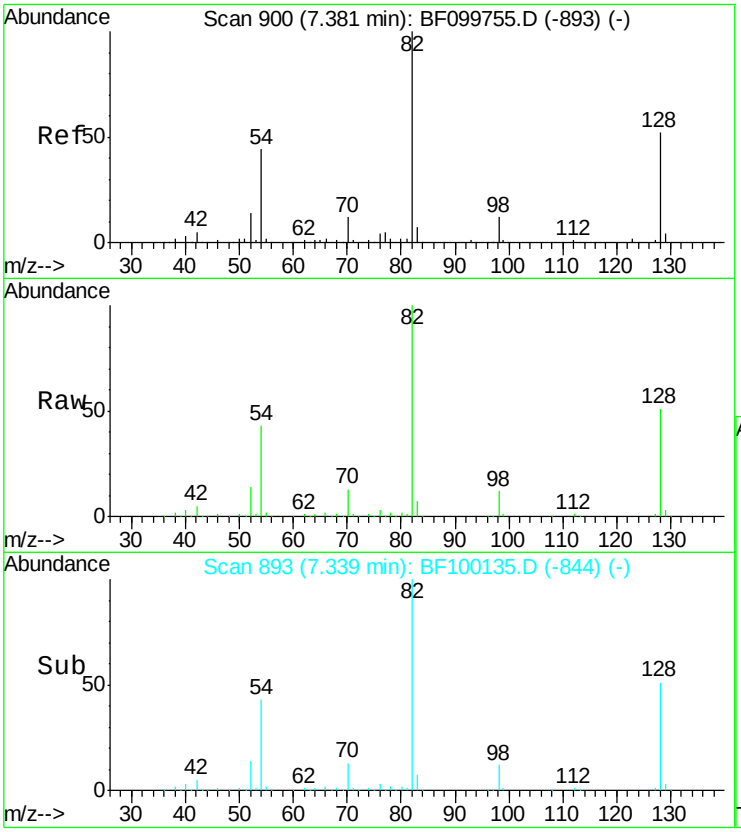


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:136 Resp: 346564

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.0	6.6	9.8#
68	5.6	5.0	7.4



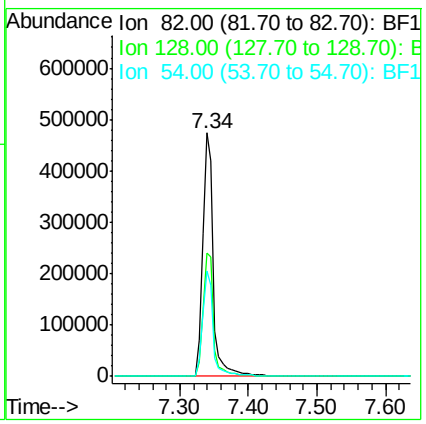


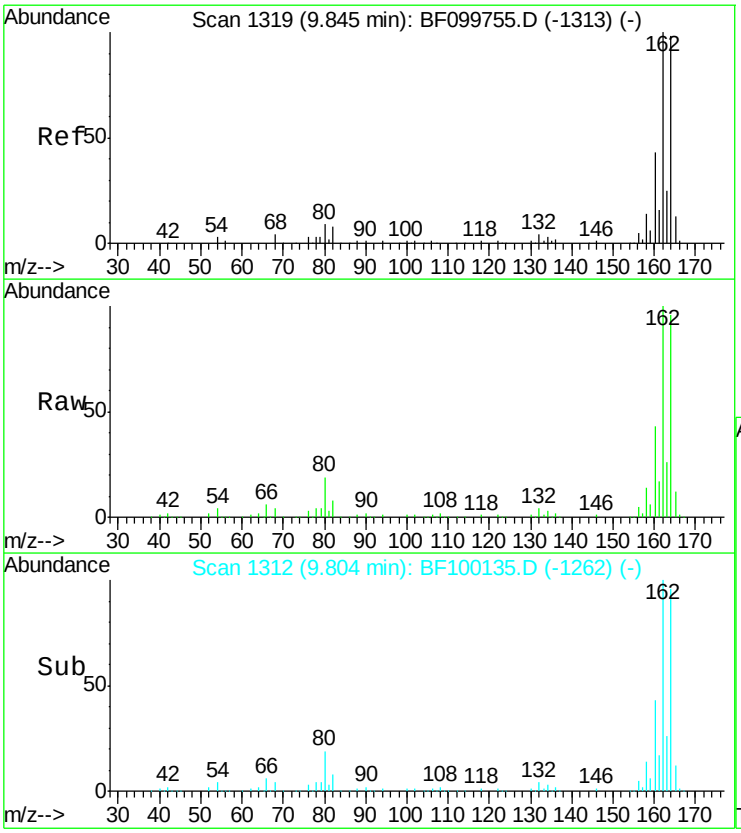
#23
Nitrobenzene-d5
Concen: 97.298 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion: 82 Resp: 523759

Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.4	41.4	62.2

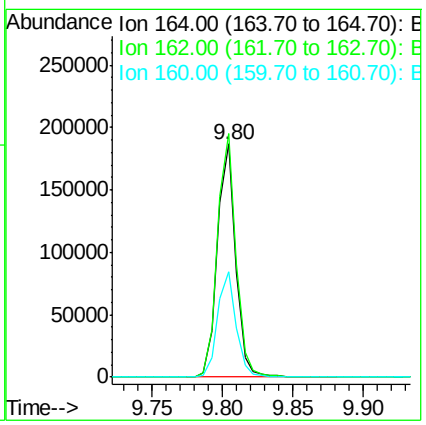


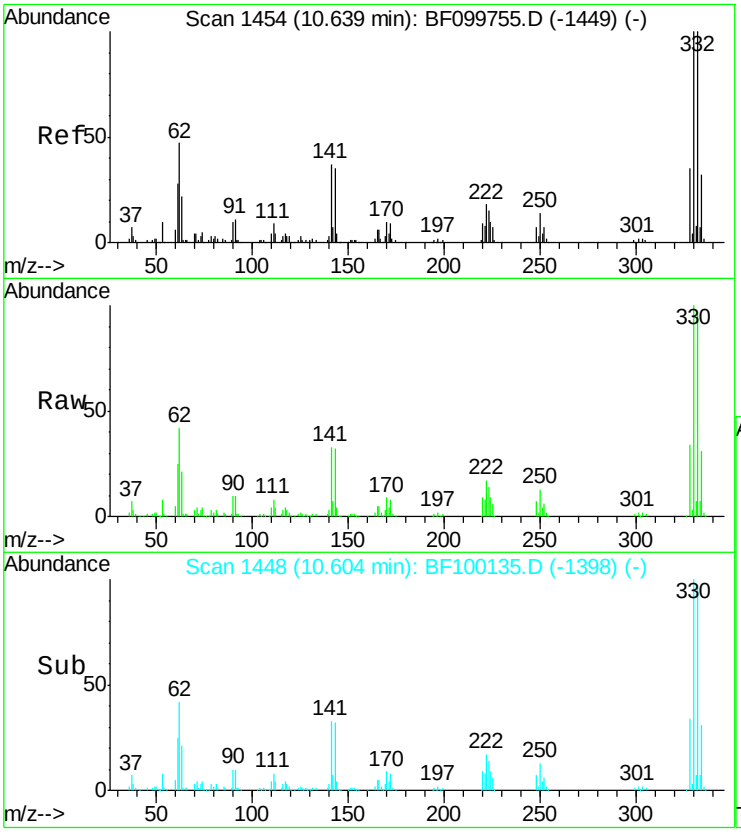


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:164 Resp: 168424

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.3	38.3	57.5



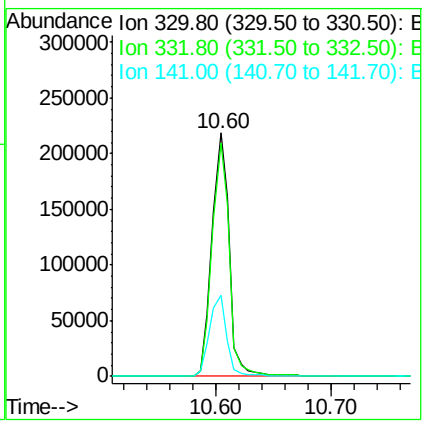


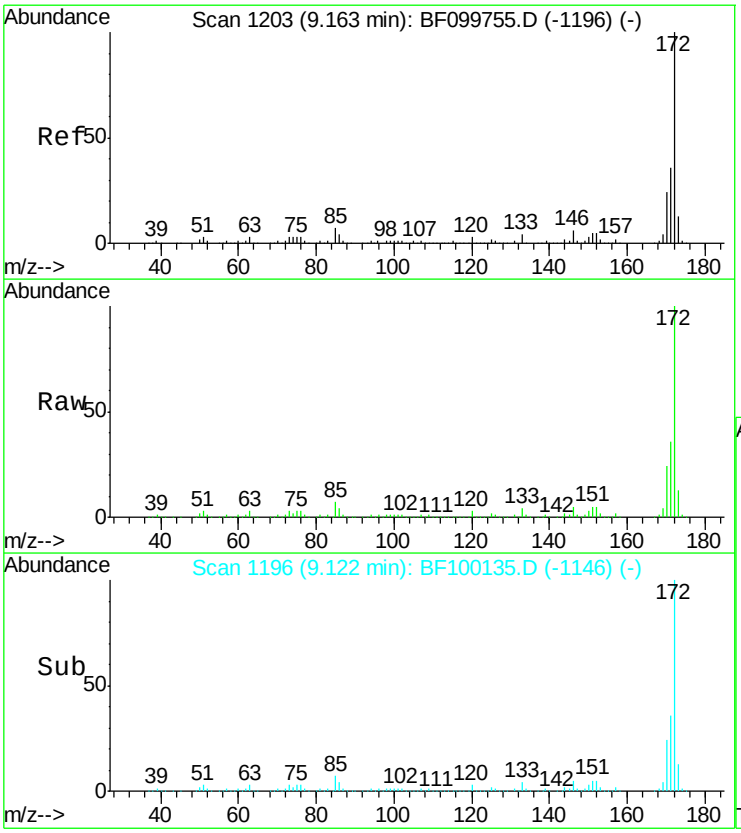
#41
2,4,6-Tribromophenol
Concen: 148.734 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion:330 Resp: 228289

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	29.9	44.9

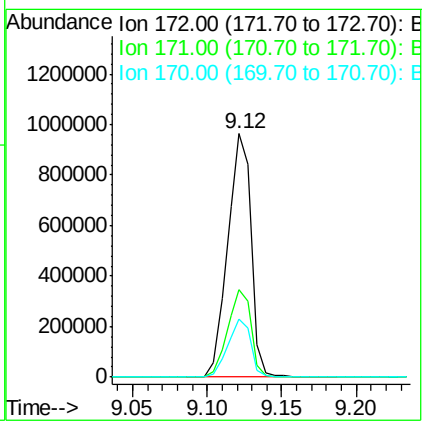


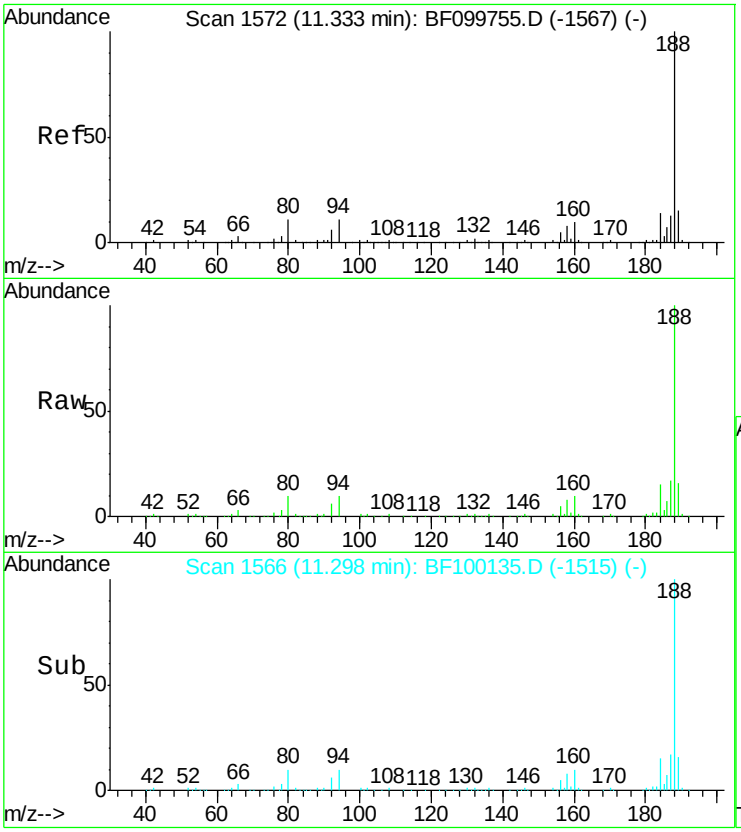


#44
2-Fluorobiphenyl
Concen: 98.107 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:172 Resp: 1070980

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4



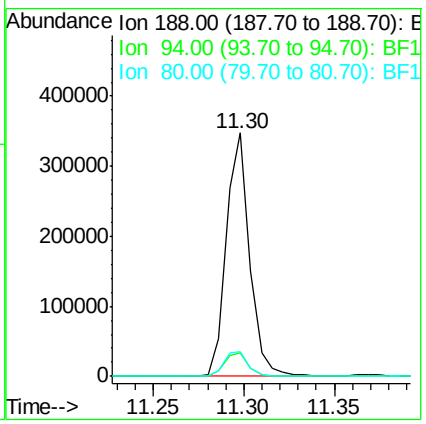


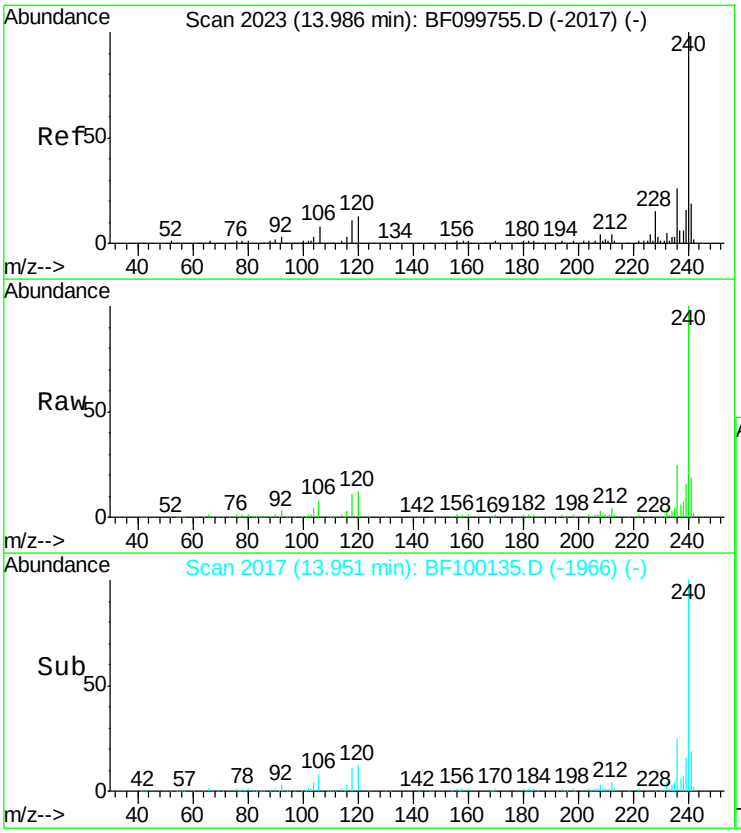
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion:188 Resp: 311422

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.2	9.2	13.8

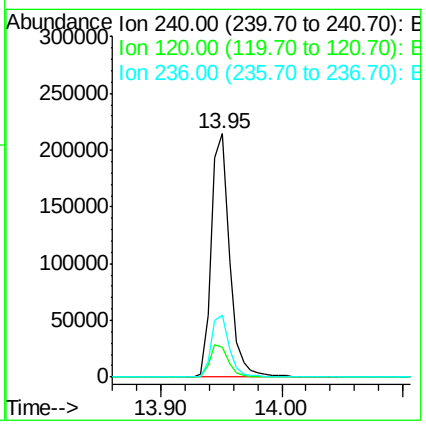


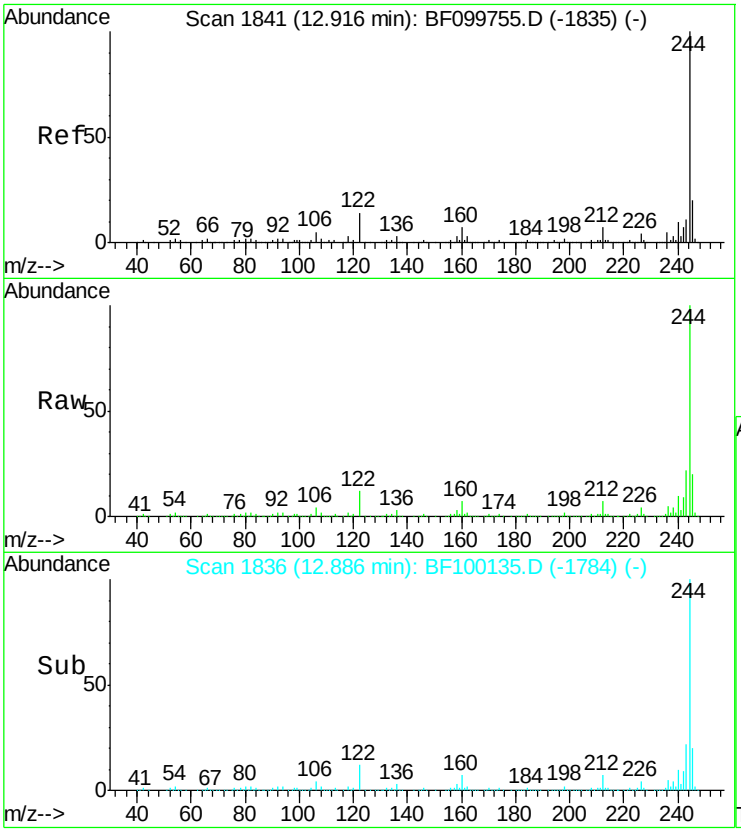


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:240 Resp: 222224

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.2	20.7	31.1



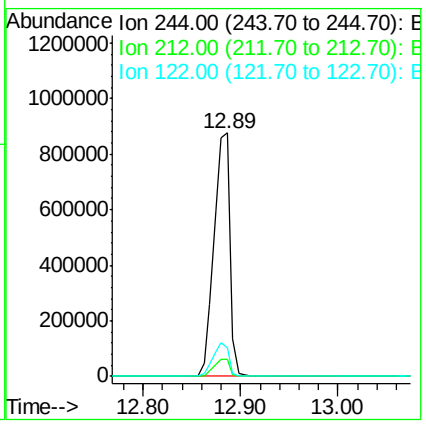


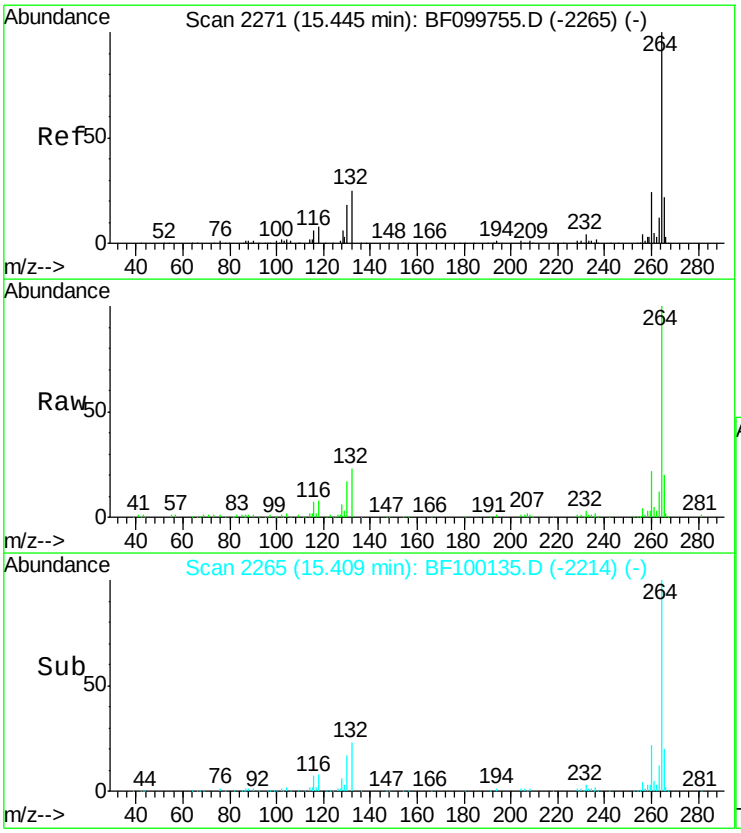
#78
Terphenyl-d14
Concen: 97.418 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion:244 Resp: 990620

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100135.D
Acq: 3 Nov 2017 15:34

Tgt Ion:264 Resp: 146196

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.2	28.8
265	20.1	17.5	26.3