Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101149.D
Acq On : 6 Dec 2017 3:20
Operator : SJ/JU
Sample : I6702-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-2-E(4-5)

Quant Time: Dec 06 04:39:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54829	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	212954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94325	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	171268	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106359	20.00	ng	0.00
86) Perylene-d12	15.49	264	113624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	294102	88.64	ng	0.00
7) Phenol-d6	6.48	99	351594	87.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	215666	60.41	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	91859	81.07	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	395455	57.36	ng	0.00
78) Terphenyl-d14	12.96	244	297047	61.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	12966	2.895	ng	97
49) Dimethylphthalate	9.60	163	34276	4.506	ng	98
77) Pyrene	12.82	202	18523	2.524	ng	95

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

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BNA_F
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MH-2-E(4-5)

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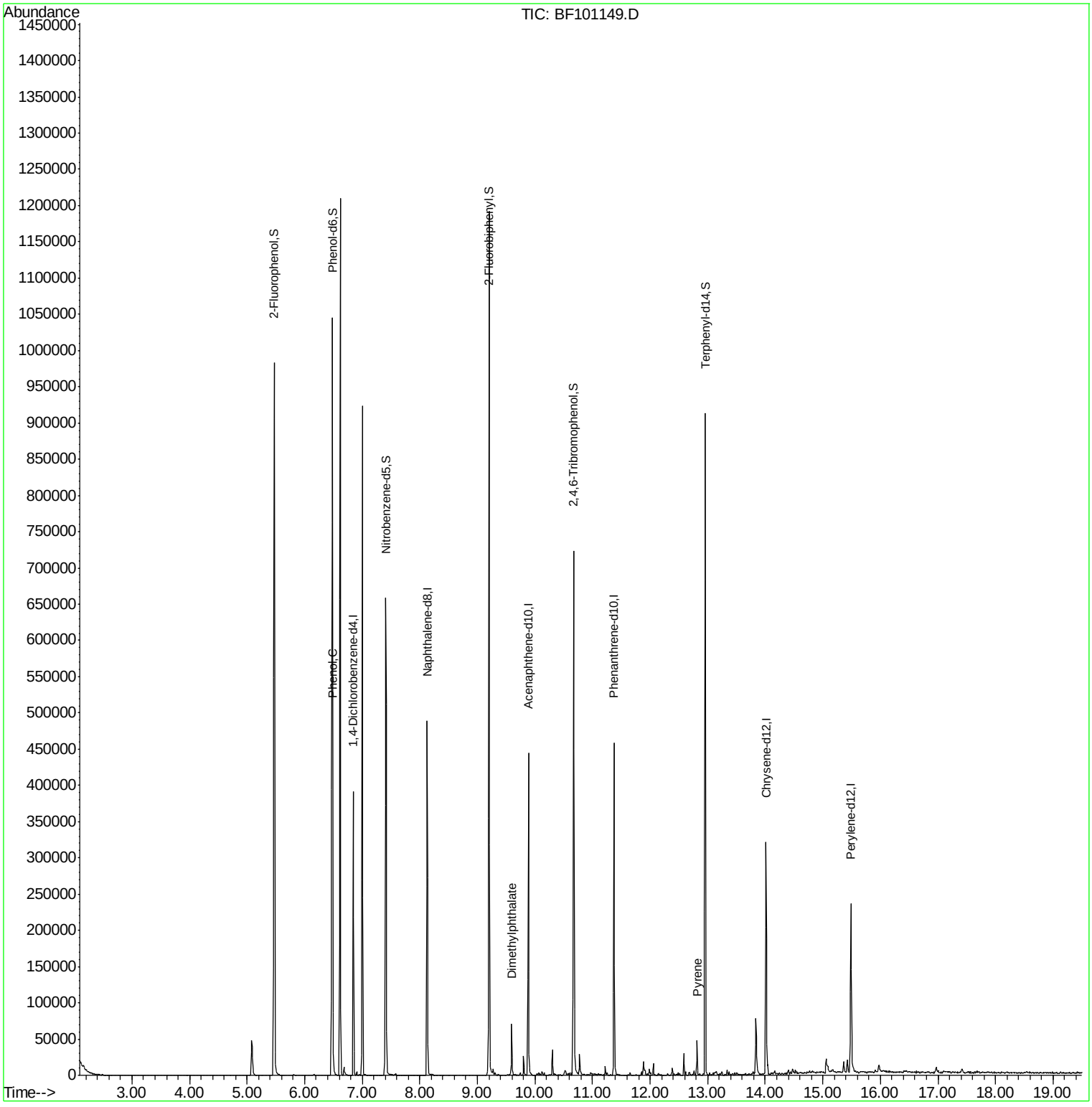
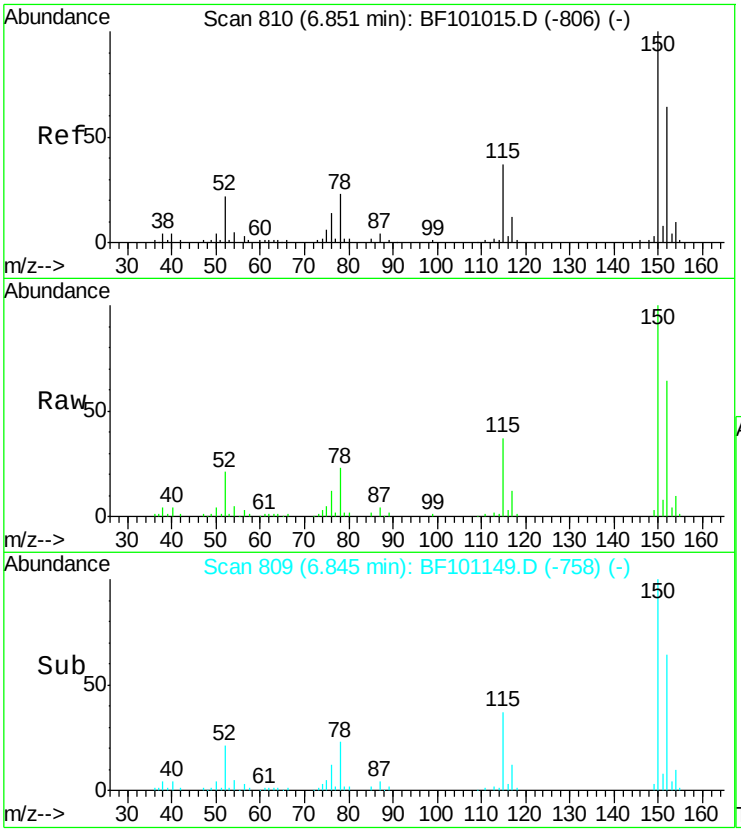


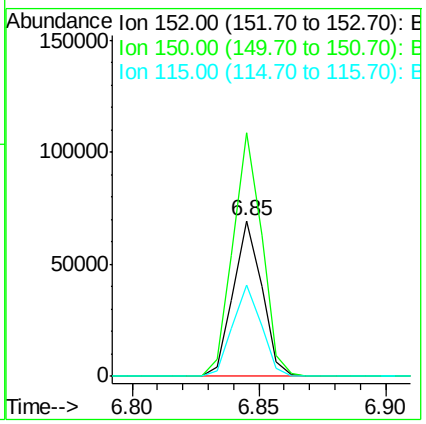


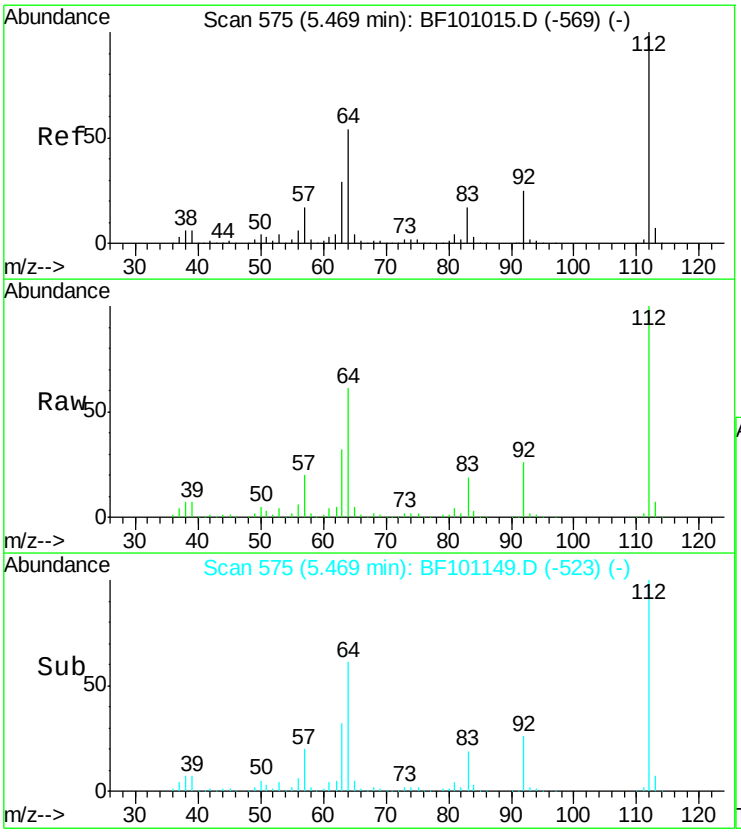
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:152 Resp: 54829

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.6	50.1	75.1

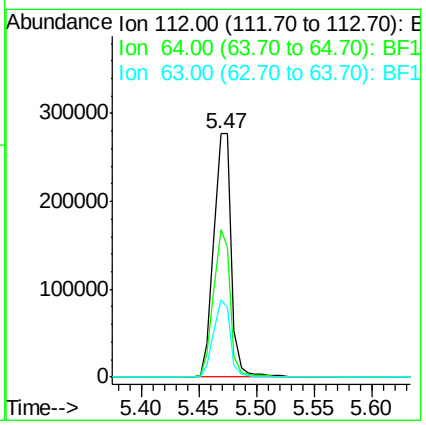


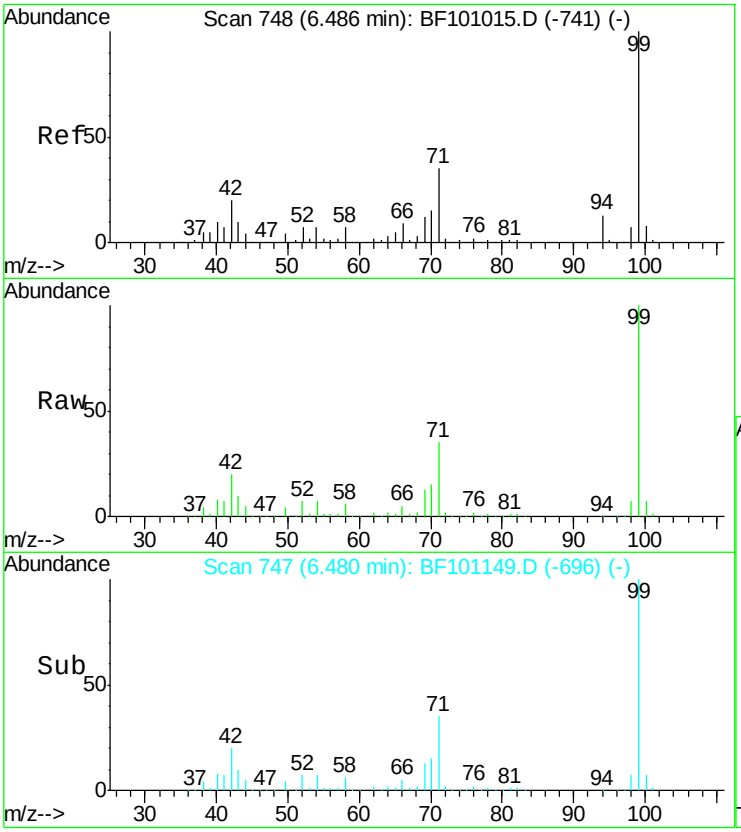


#5
2-Fluorophenol
Concen: 88.637 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:112 Resp: 294102

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.9	23.7	35.5



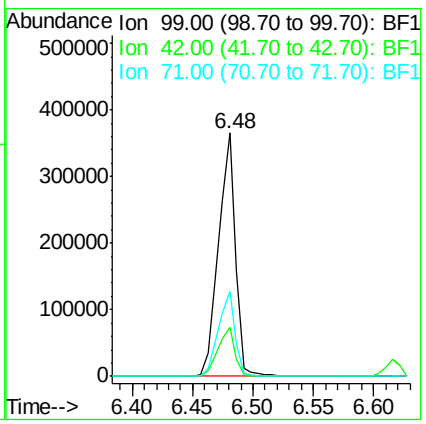


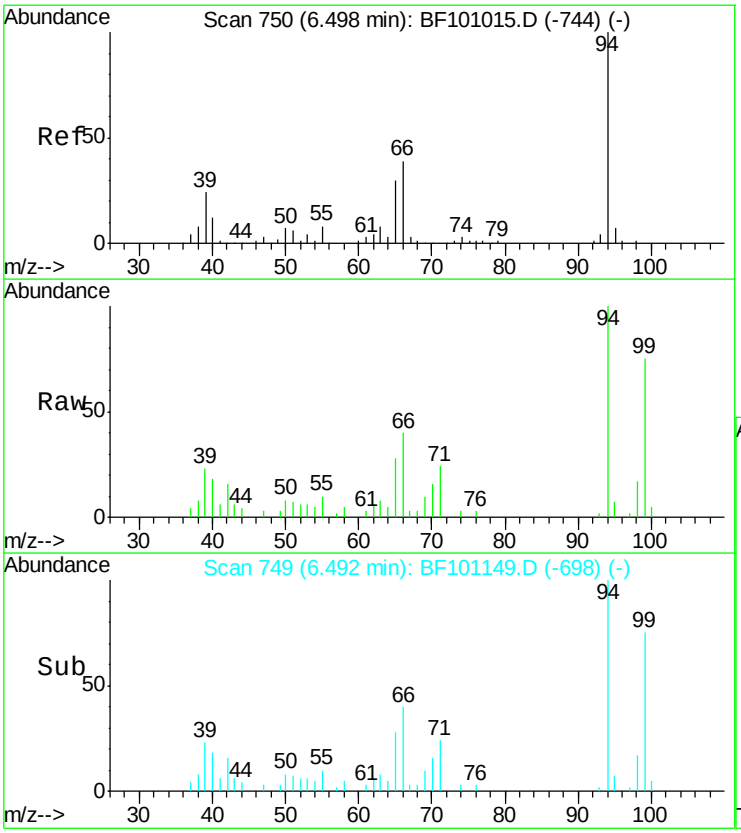
#7
Phenol-d6
Concen: 87.278 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion: 99 Resp: 351594

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	35.0	25.4	38.0

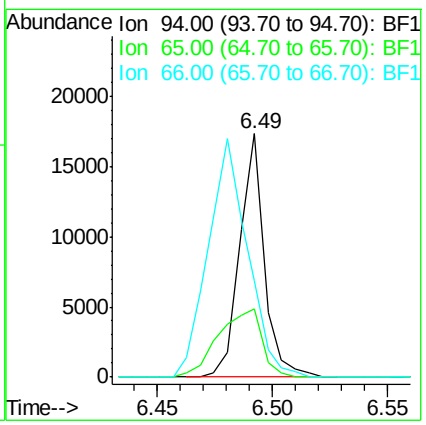


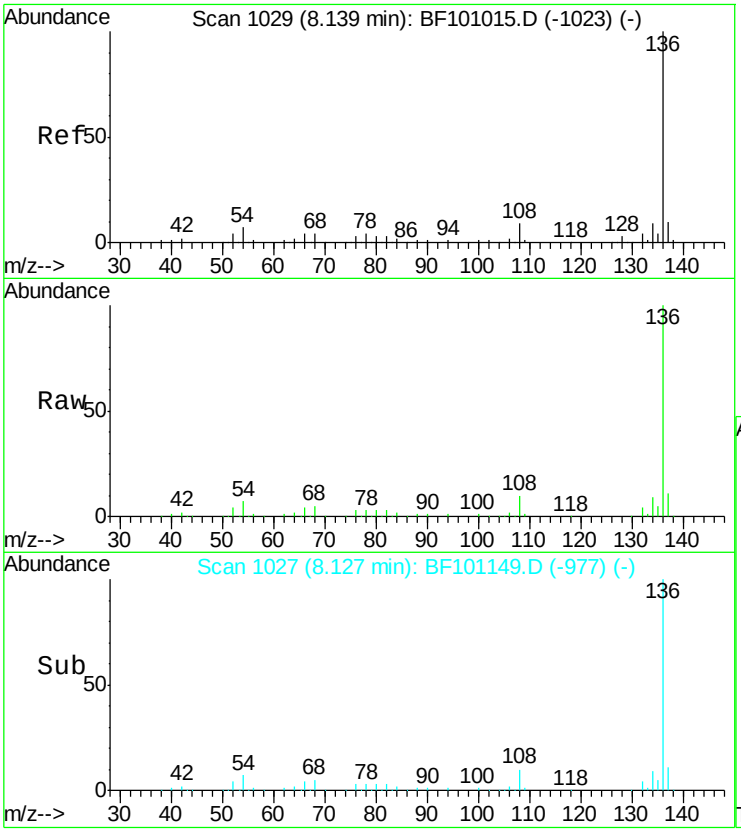


#10
Phenol
Concen: 2.895 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion: 94 Resp: 12966

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	39.7	16.2	56.2



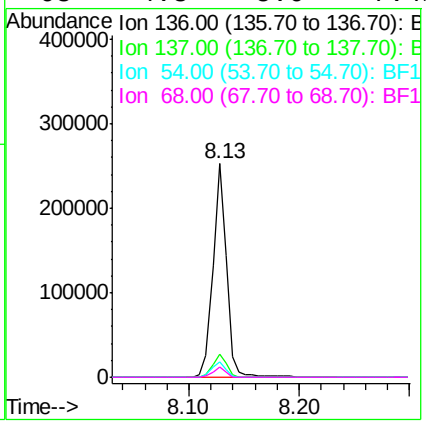


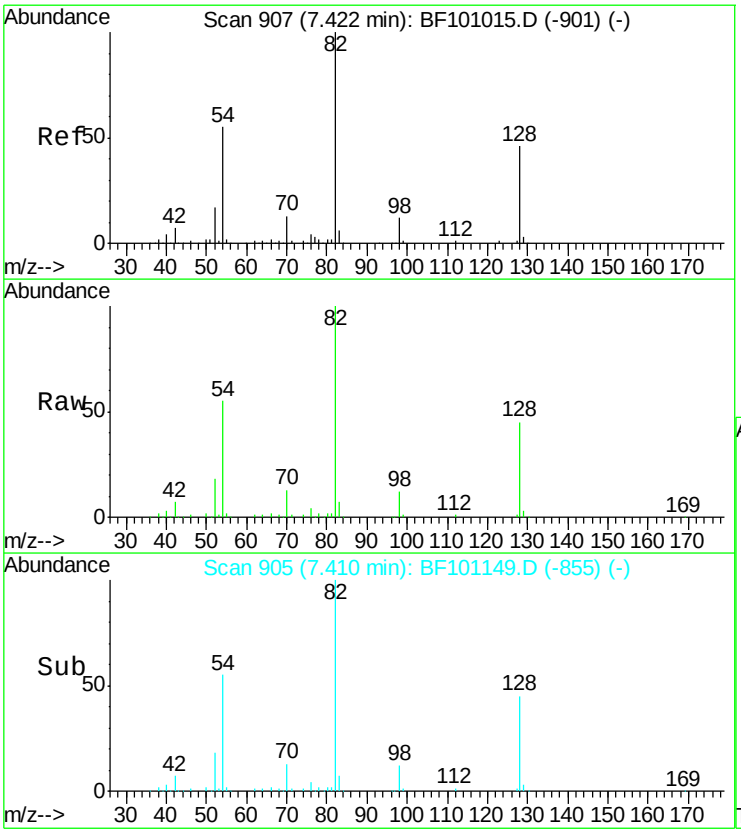
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:136 Resp: 212954

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#

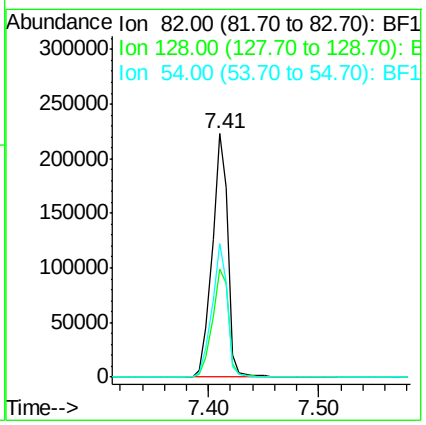


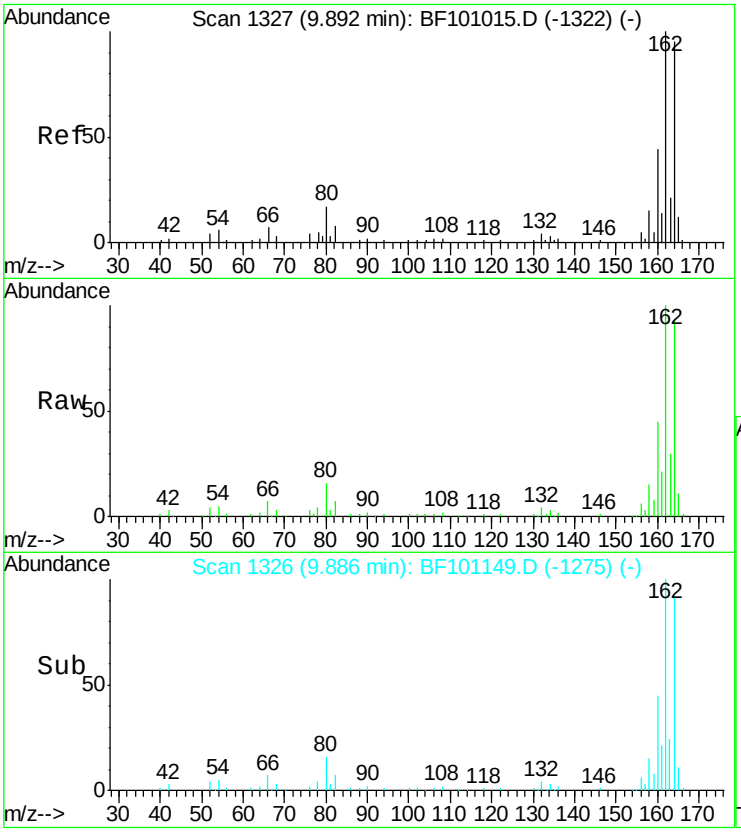


#23
Nitrobenzene-d5
Concen: 60.413 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion: 82 Resp: 215666

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	54.7	41.4	62.2



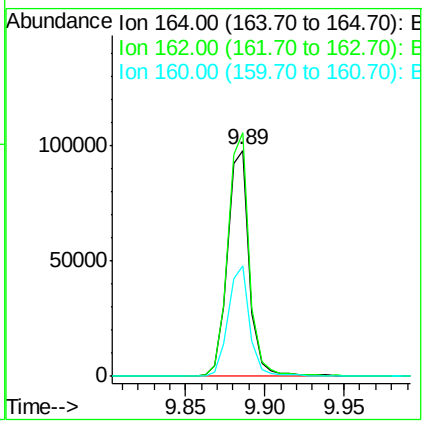


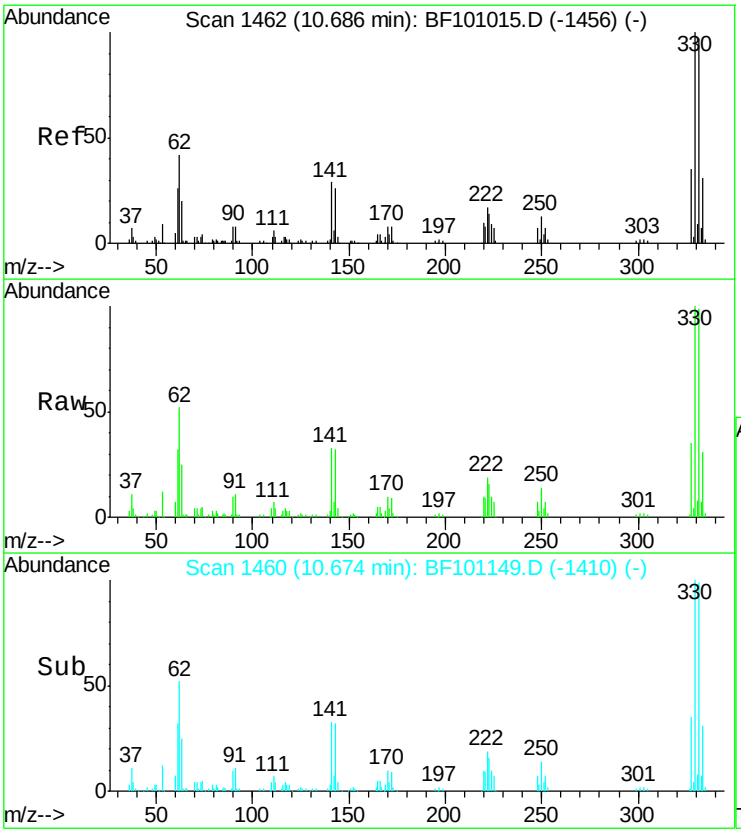
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:164 Resp: 94325

Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	49.0	38.3	57.5

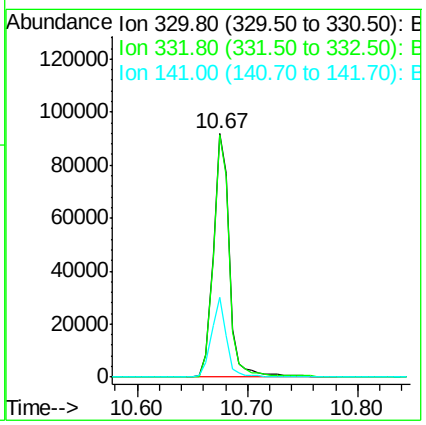


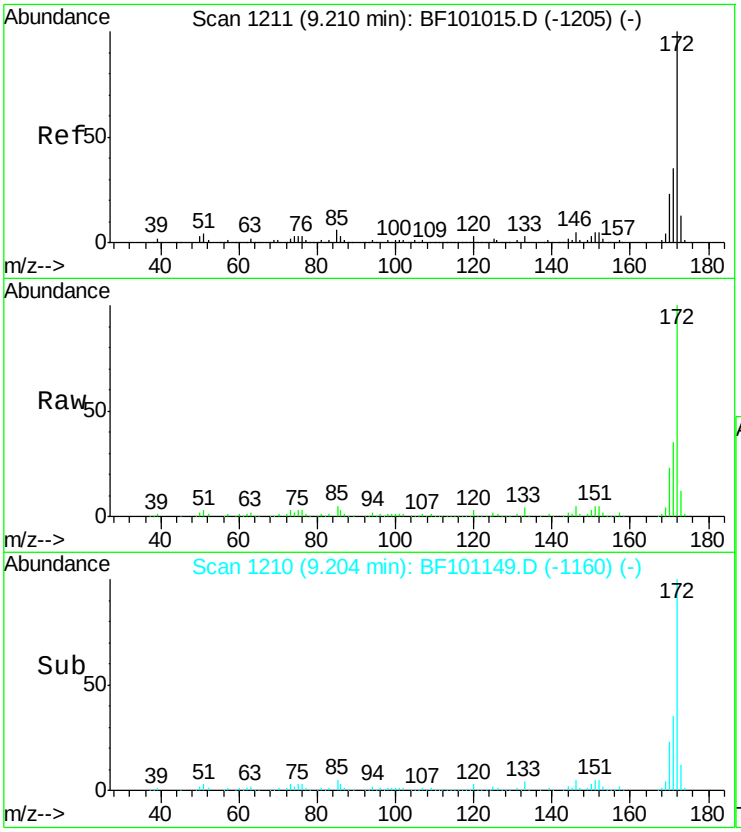


#41
2,4,6-Tribromophenol
Concen: 81.068 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:330 Resp: 91859

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	29.6	29.9	44.9#



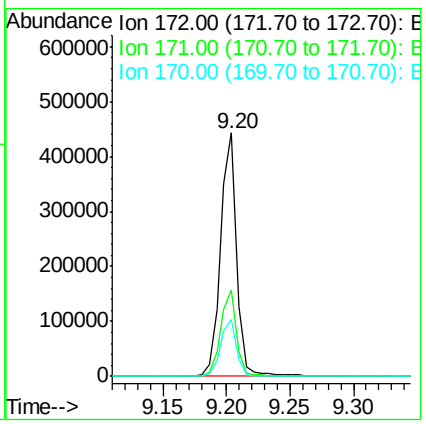


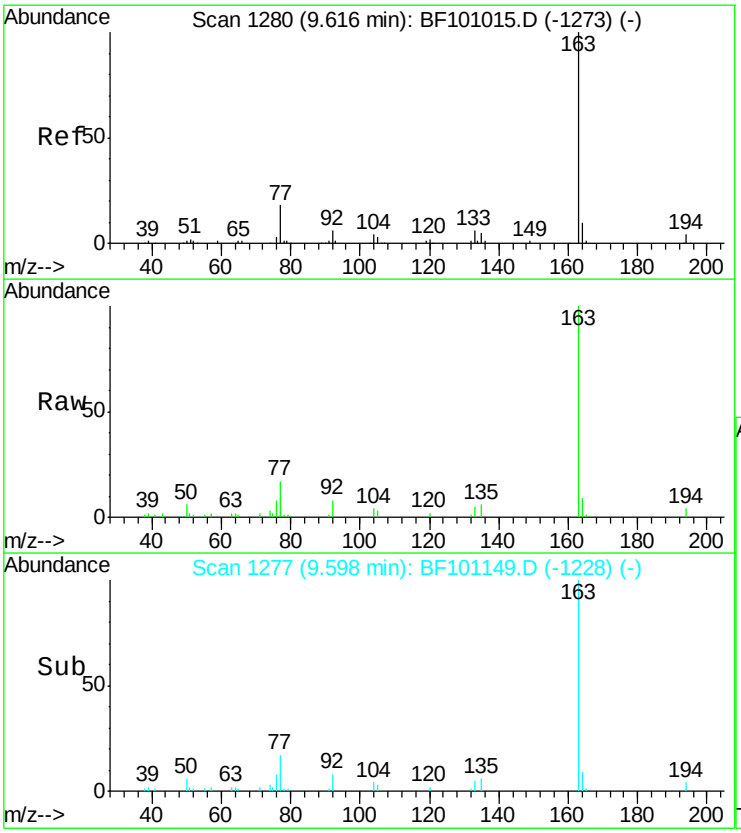
#44
2-Fluorobiphenyl
Concen: 57.361 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:172 Resp: 395455

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4

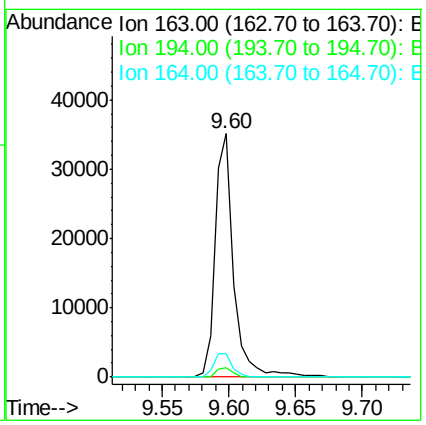


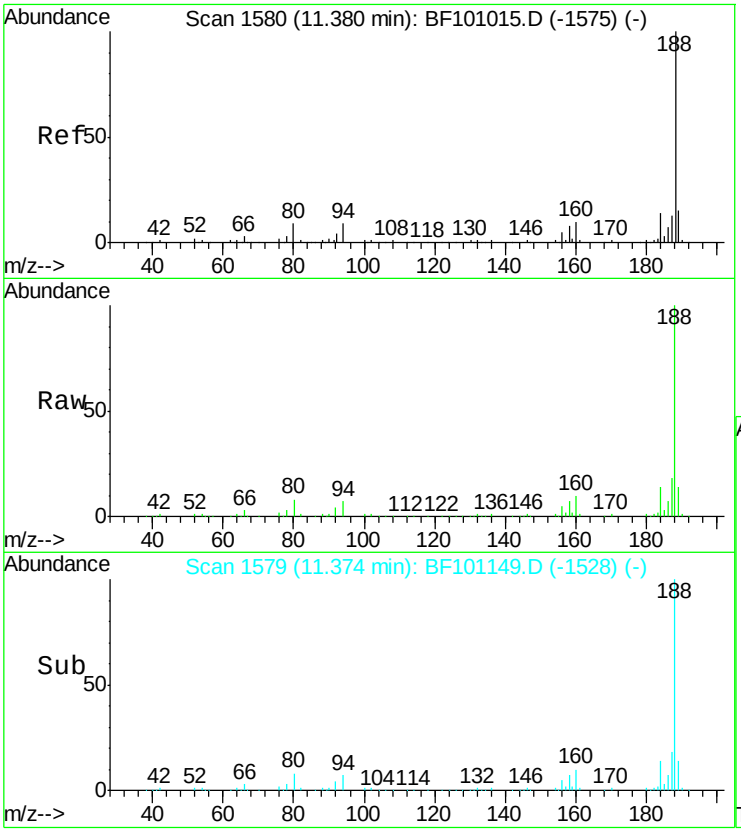


#49
Dimethylphthalate
Concen: 4.506 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:163 Resp: 34276

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.2	12.2



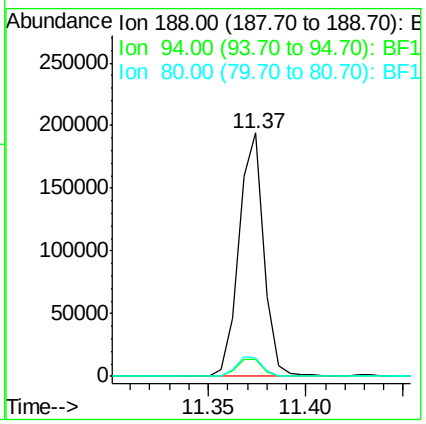


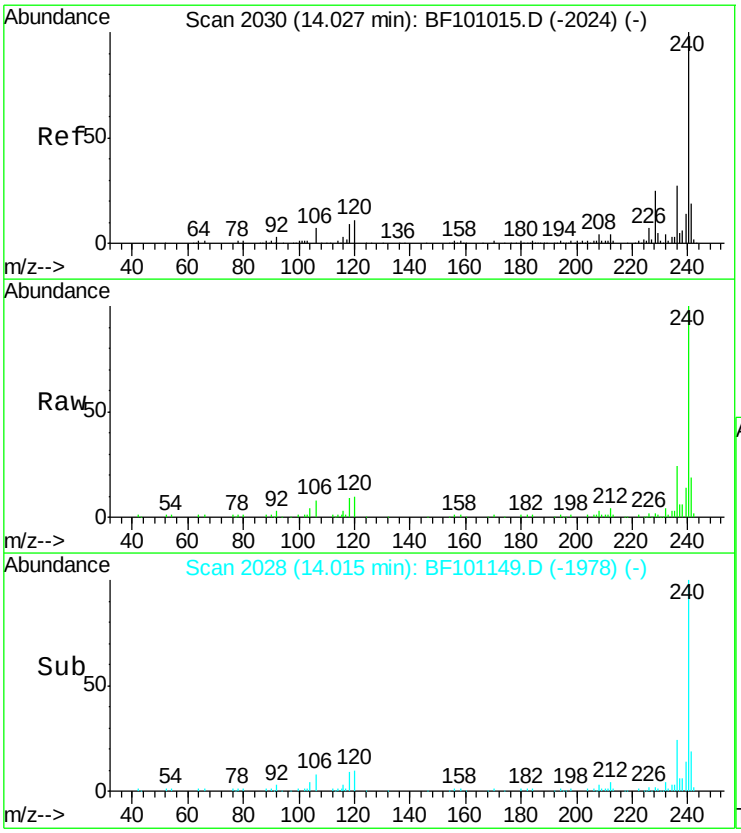
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:188 Resp: 171268

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.5	12.7#
80	7.7	9.2	13.8#

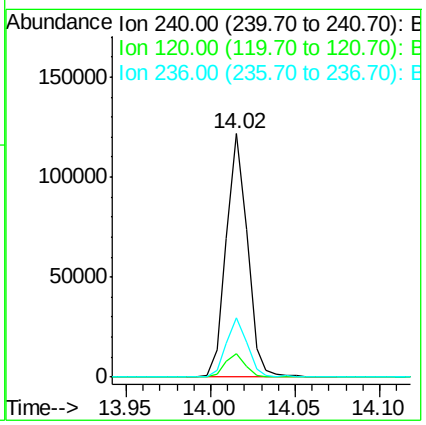


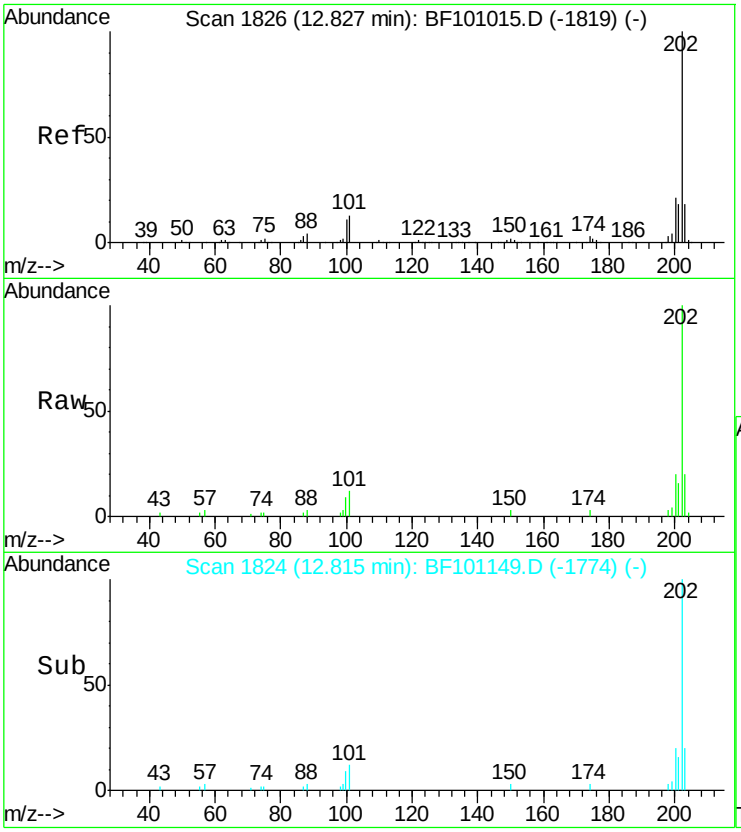


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:240 Resp: 106359

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	24.1	20.7	31.1



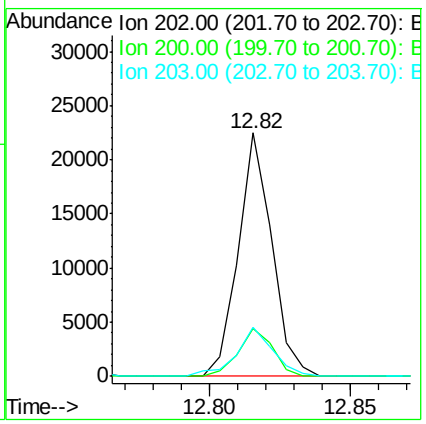


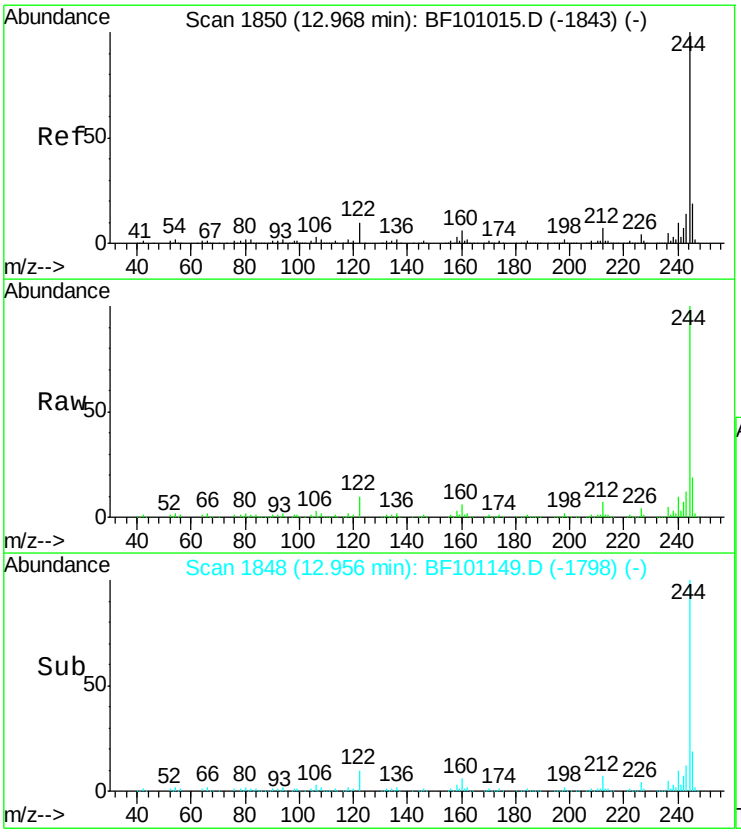
#77
Pyrene
Concen: 2.524 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:202 Resp: 18523

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	19.9	14.3	21.5

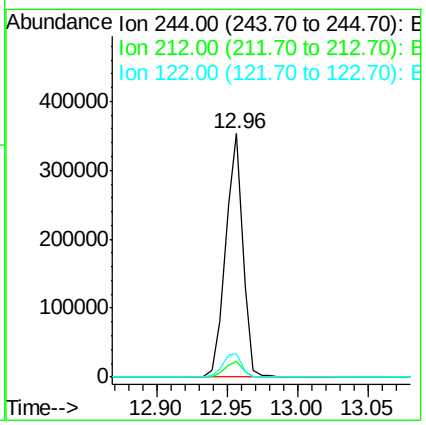


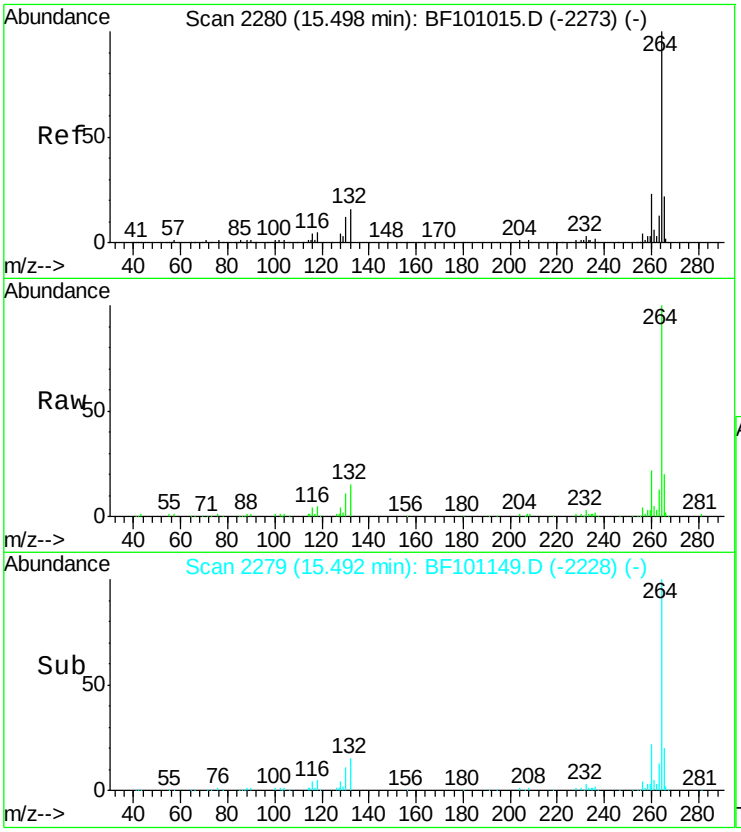


#78
Terphenyl-d14
Concen: 61.087 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:244 Resp: 297047

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tgt Ion:264 Resp: 113624

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.5	17.5	26.3