Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104112.D
Acq On : 30 Mar 2018 23:59
Operator : JU/SJ
Sample : J174907RX 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 31 00:32:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97540	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	419274	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	180253	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	284666	20.00	ng	0.00
75) Chrysene-d12	14.14	240	228534	20.00	ng	0.00
86) Perylene-d12	15.68	264	178545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	27680	4.53	ng	0.02
7) Phenol-d6	6.60	99	69947	9.30	ng	0.01
23) Nitrobenzene-d5	7.53	82	42571	6.21	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	18532	9.23	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	111205	9.73	ng	0.00
78) Terphenyl-d14	13.07	244	87804	8.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	858	Below Cal	#	54
25) Isophorone	7.53	82	42571	3.369	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	22230	7.260	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	22604	5.786	ng	# 21

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

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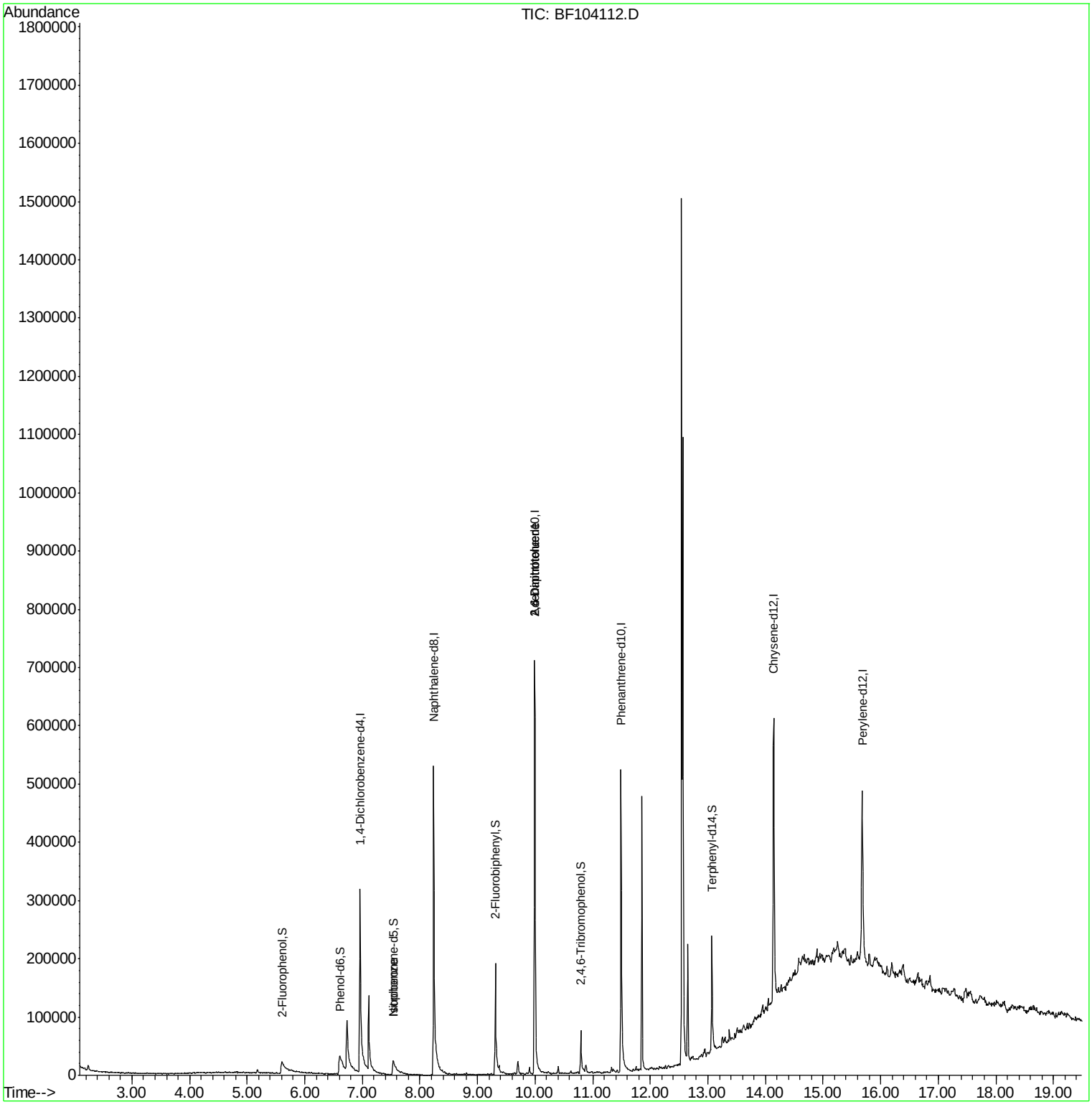
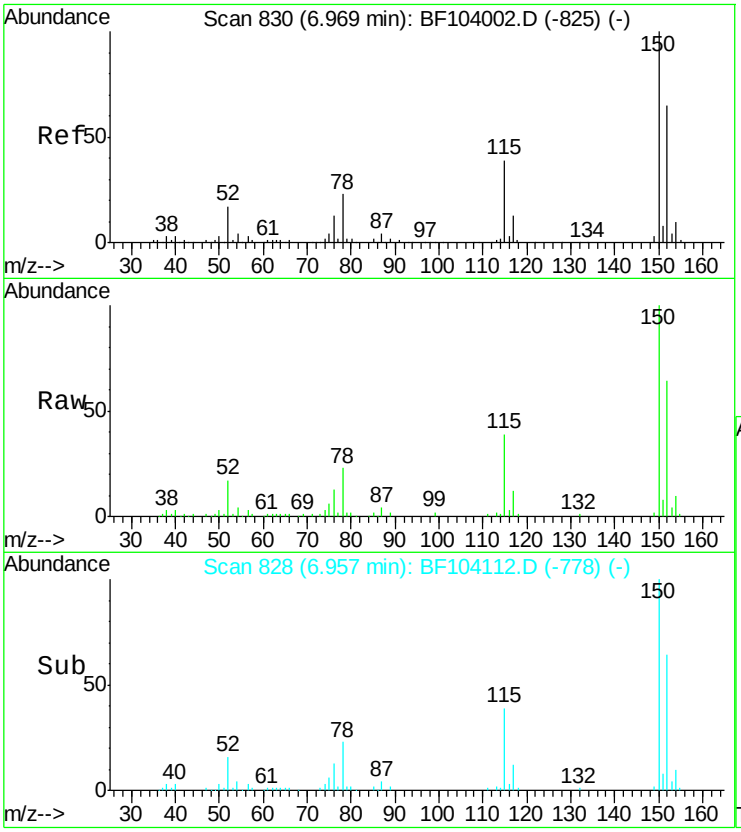


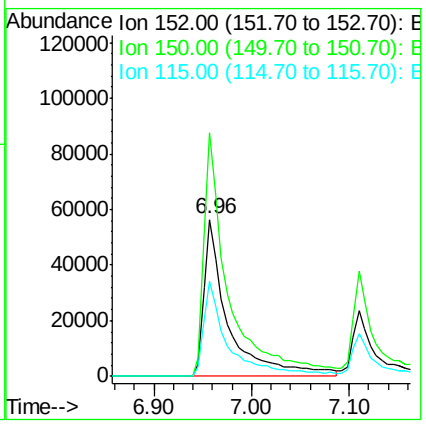


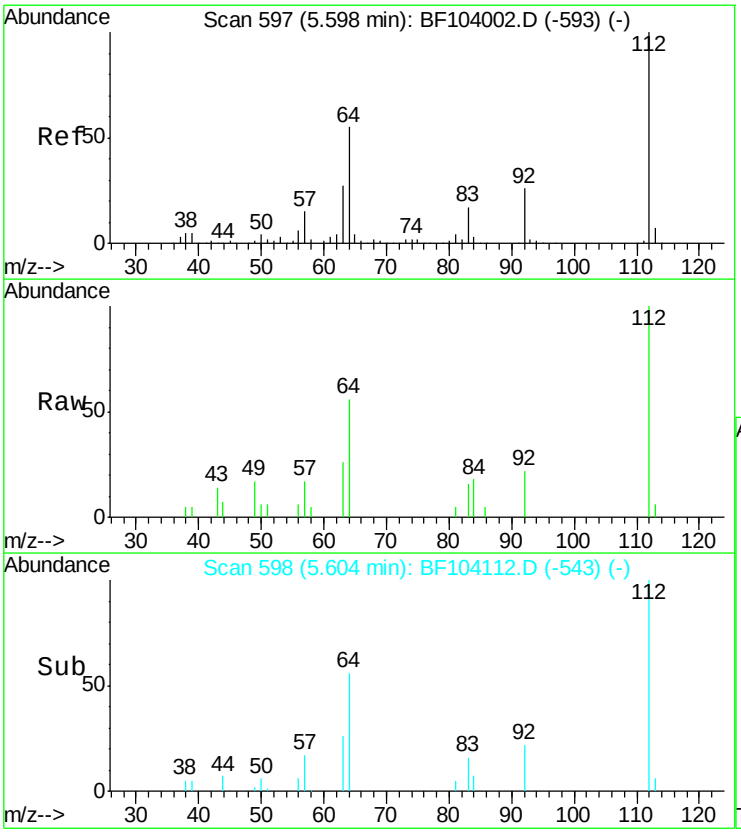
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97540

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.6	50.1	75.1

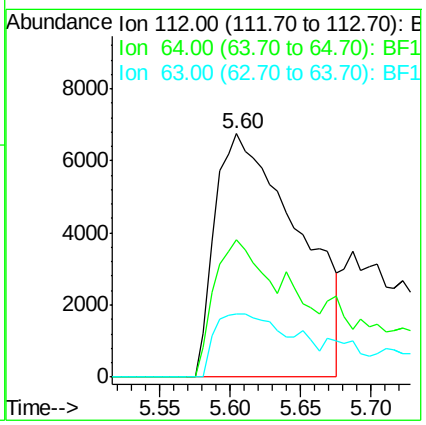


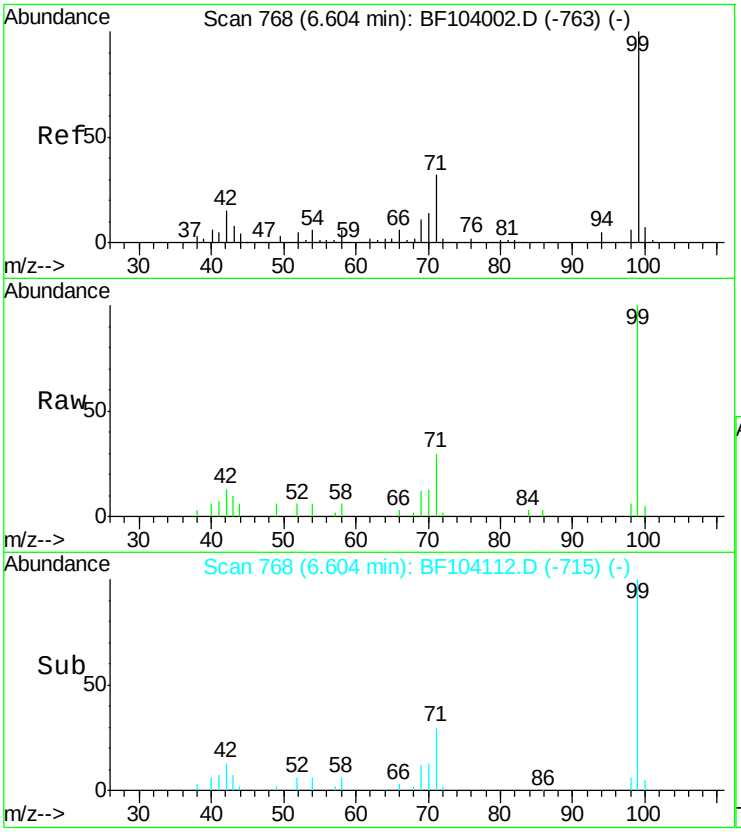


#5
2-Fluorophenol
Concen: 4.526 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:112 Resp: 27680

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	26.0	23.7	35.5



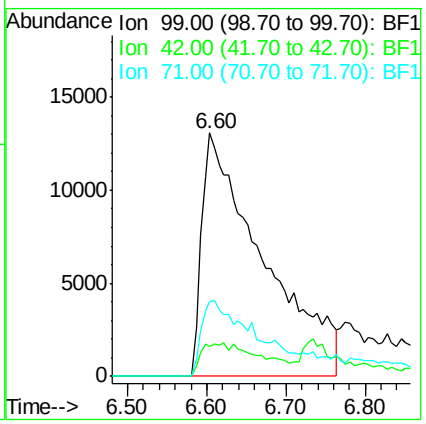


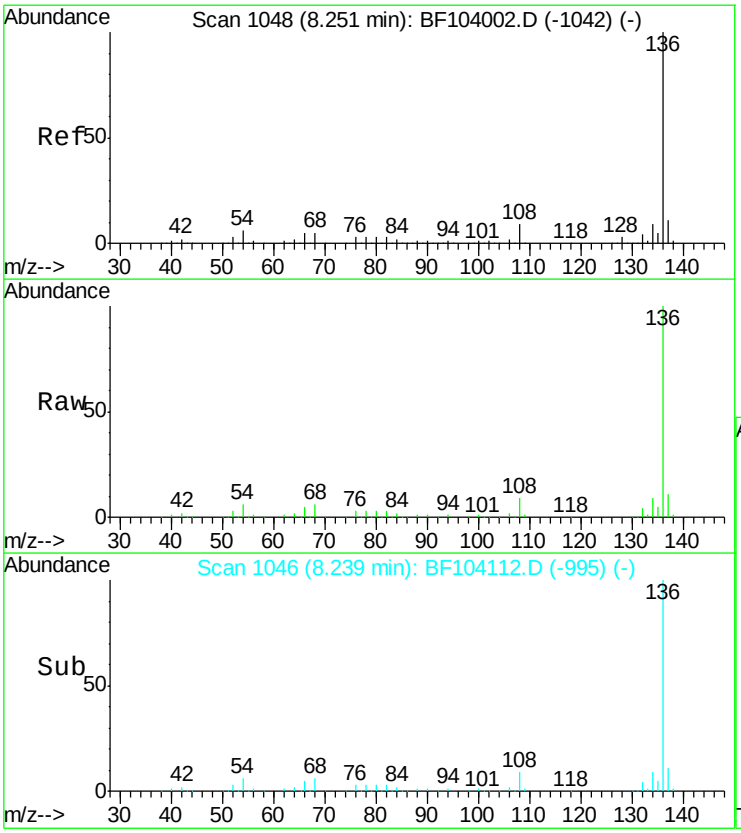
#7
Phenol-d6
Concen: 9.295 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 69947

Ion	Ratio	Lower	Upper
99	100		
42	12.5	14.5	21.7#
71	30.5	25.4	38.0

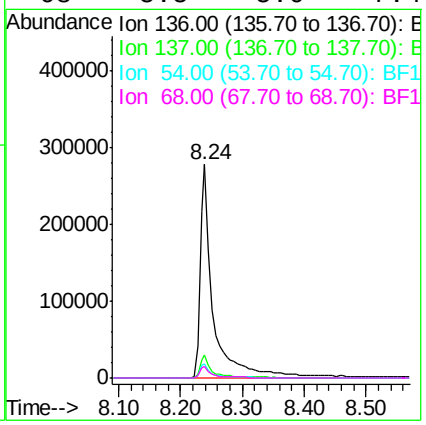


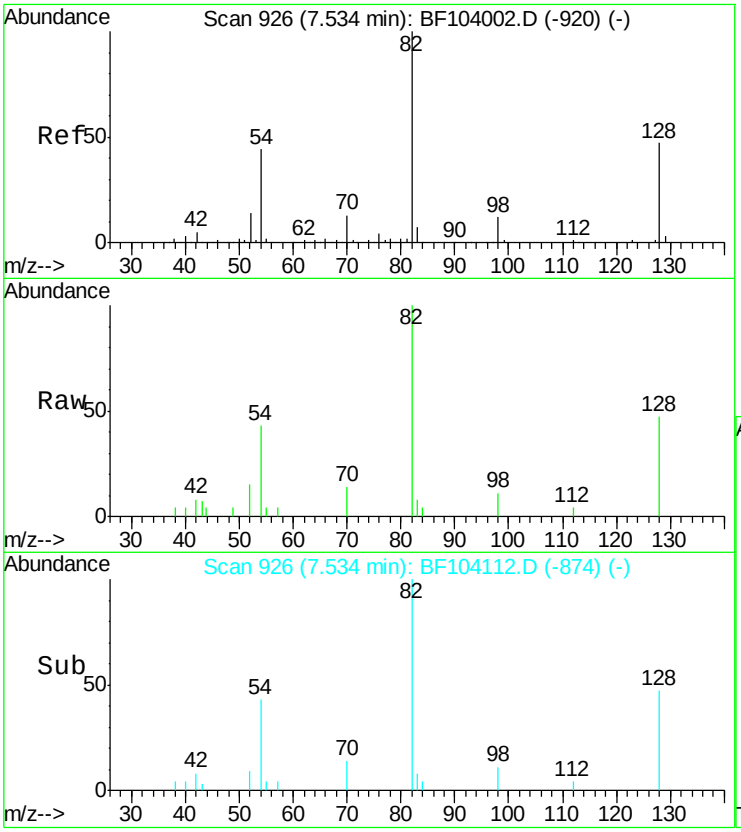


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:136 Resp: 419274

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4



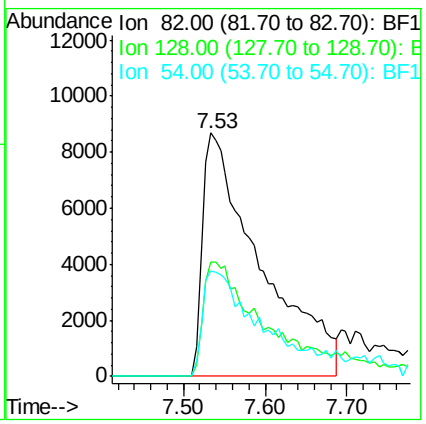


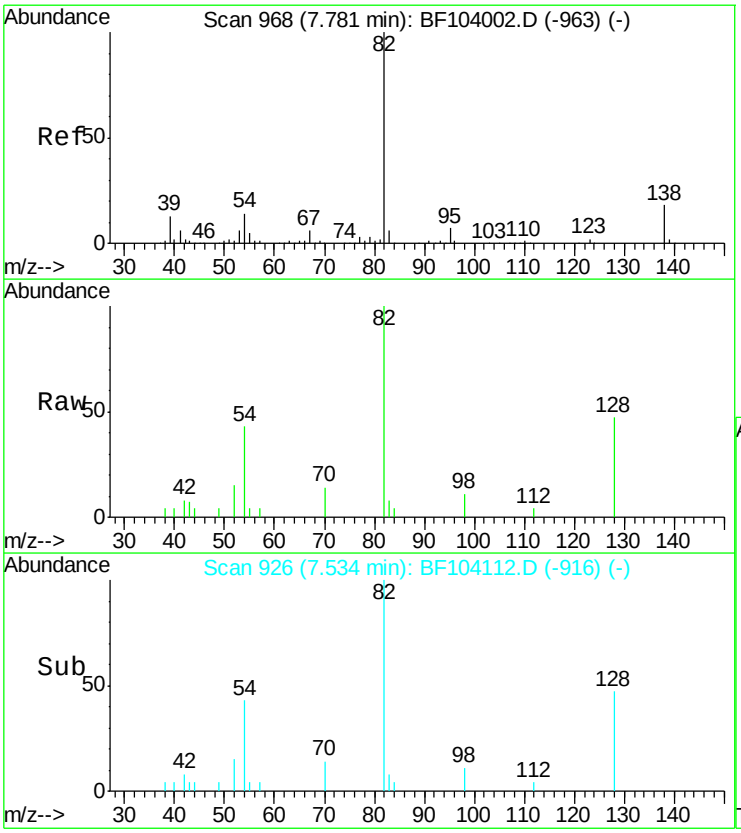
#23
Nitrobenzene-d5
Concen: 6.209 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 42571

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	43.5	41.4	62.2

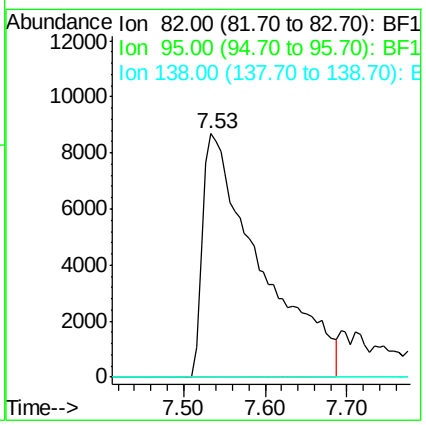


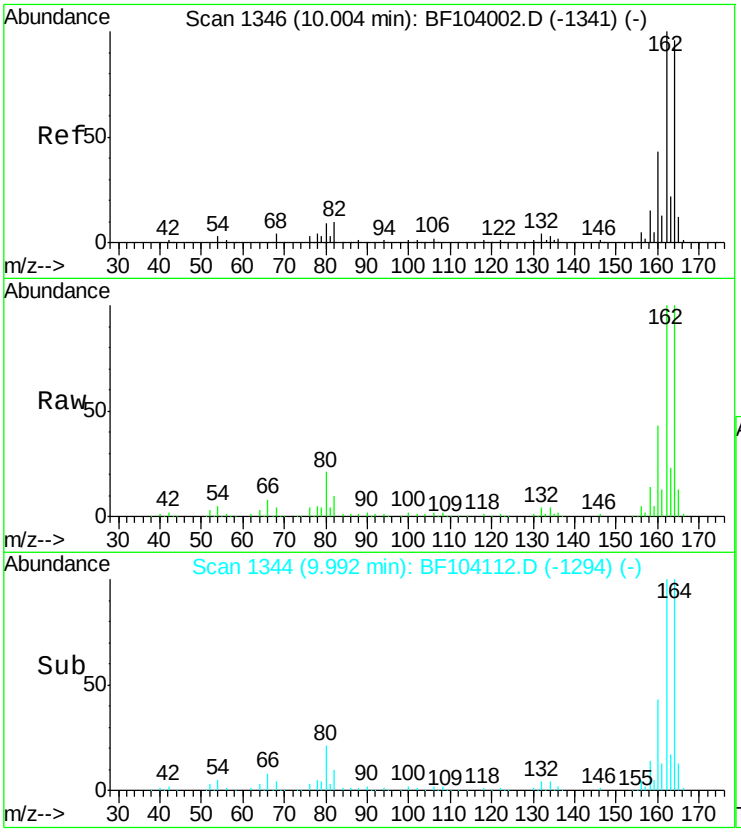


#25
Isophorone
Concen: 3.369 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.24 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion: 82 Resp: 42571

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



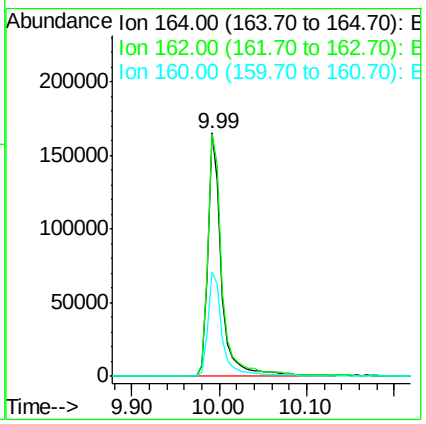


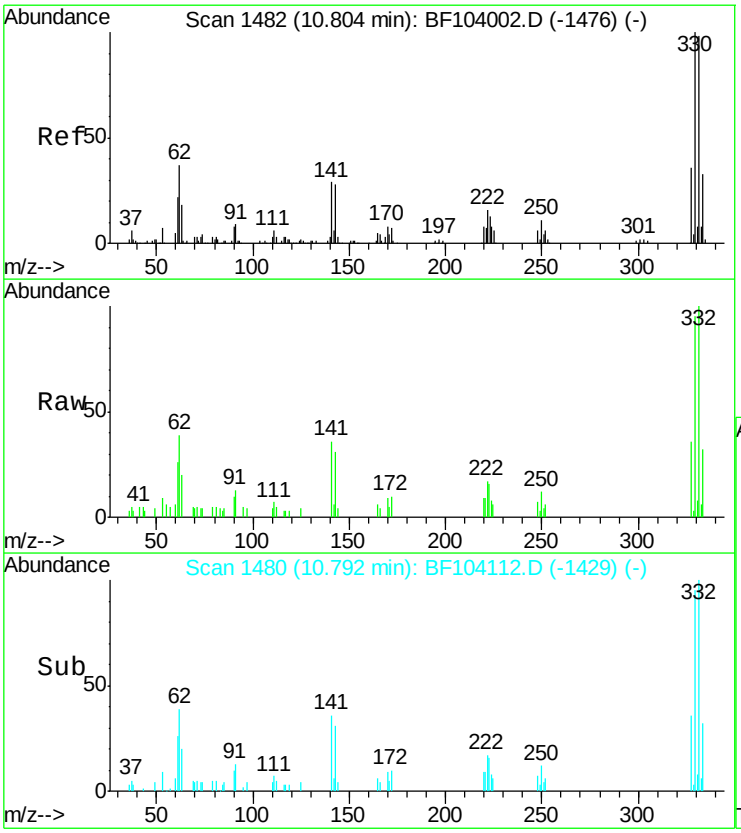
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 180253

Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	42.8	38.3	57.5

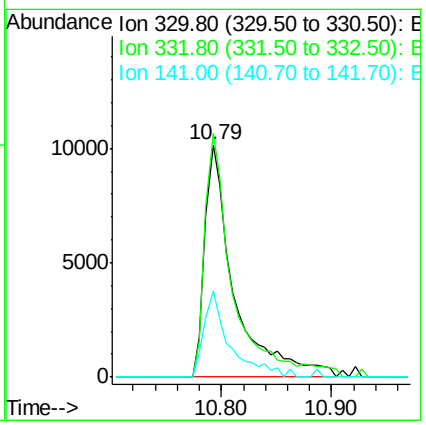


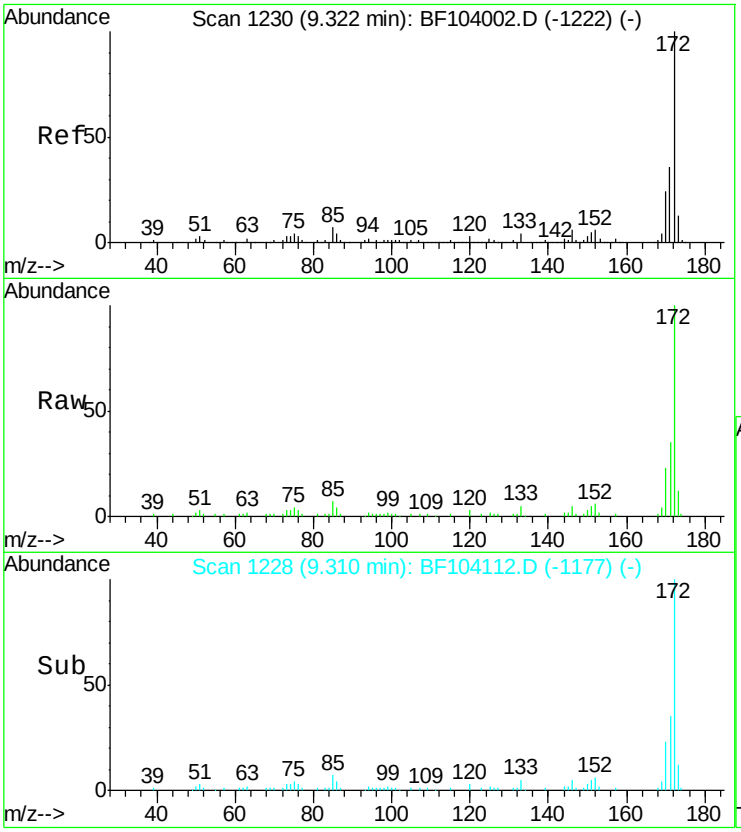


#41
2,4,6-Tribromophenol
Concen: 9.233 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:330 Resp: 18532

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	32.5	29.9	44.9



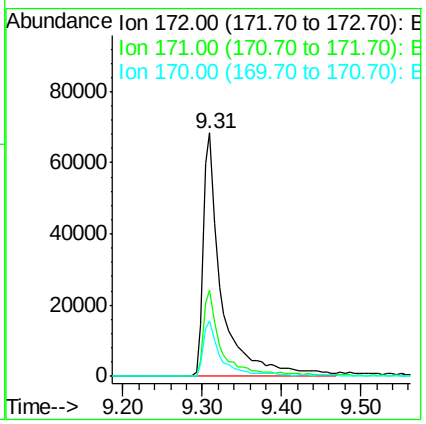


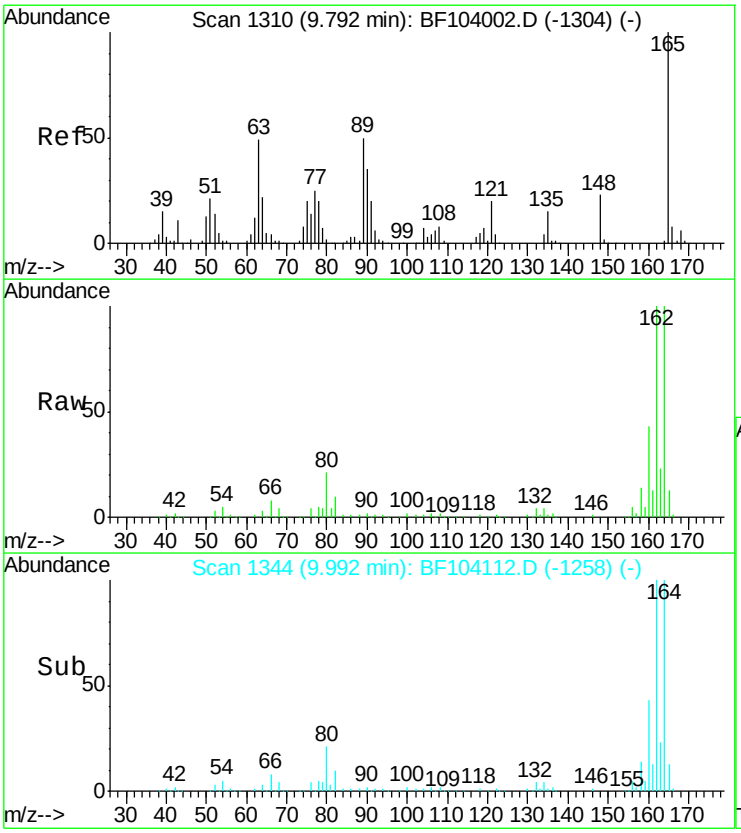
#44
2-Fluorobiphenyl
Concen: 9.729 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 111205

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.7	19.6	29.4

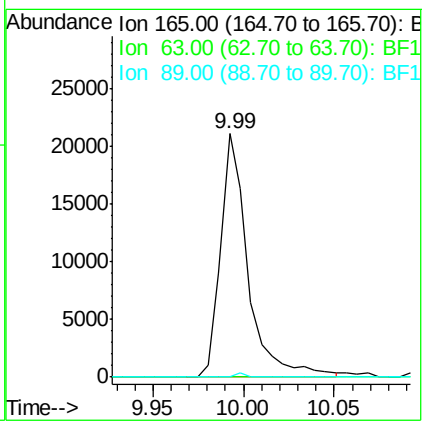


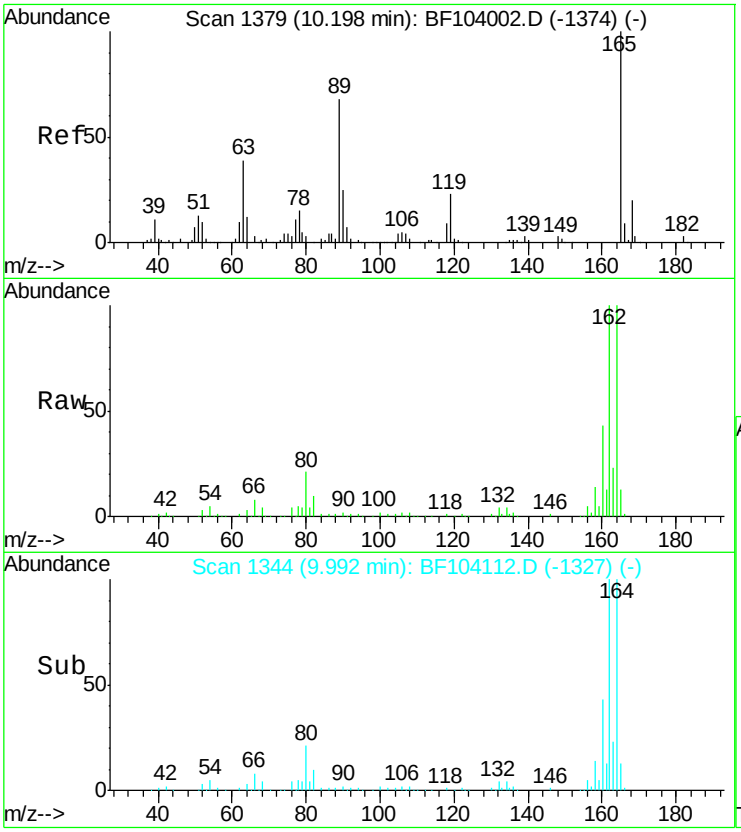


#50
2,6-Dinitrotoluene
Concen: 7.260 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:165 Resp: 22230

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



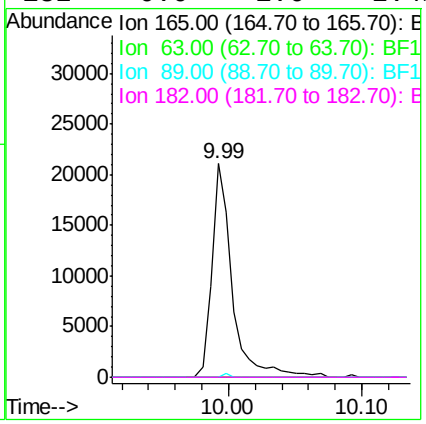


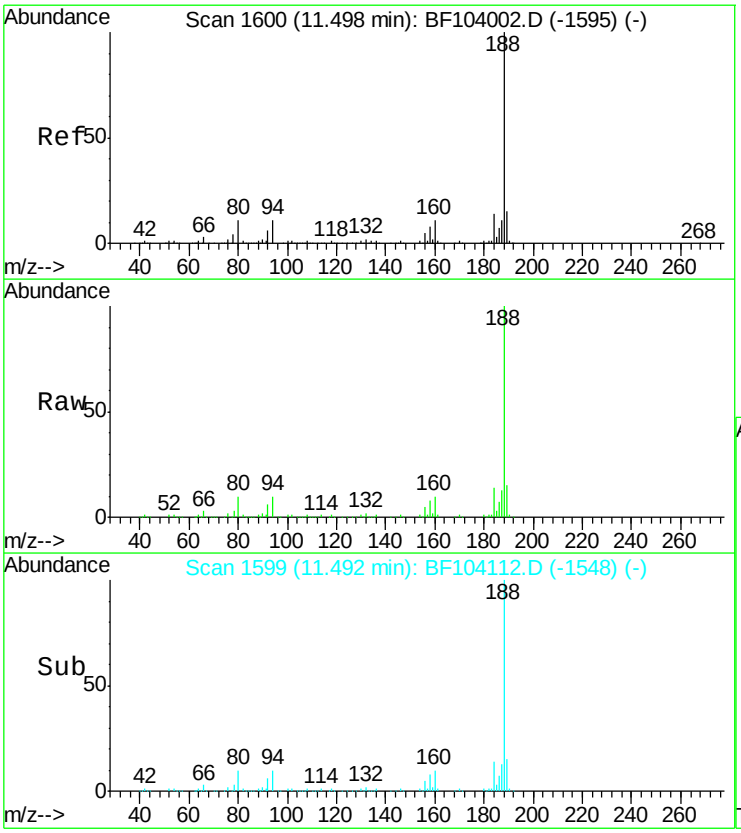
#56
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22604

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

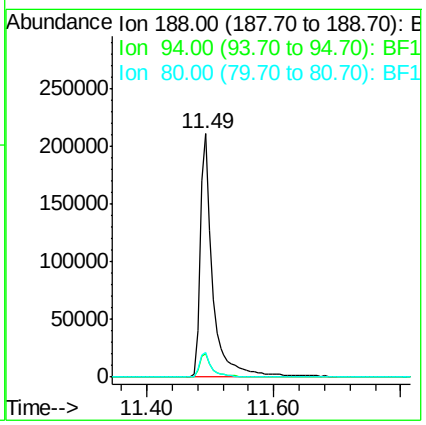


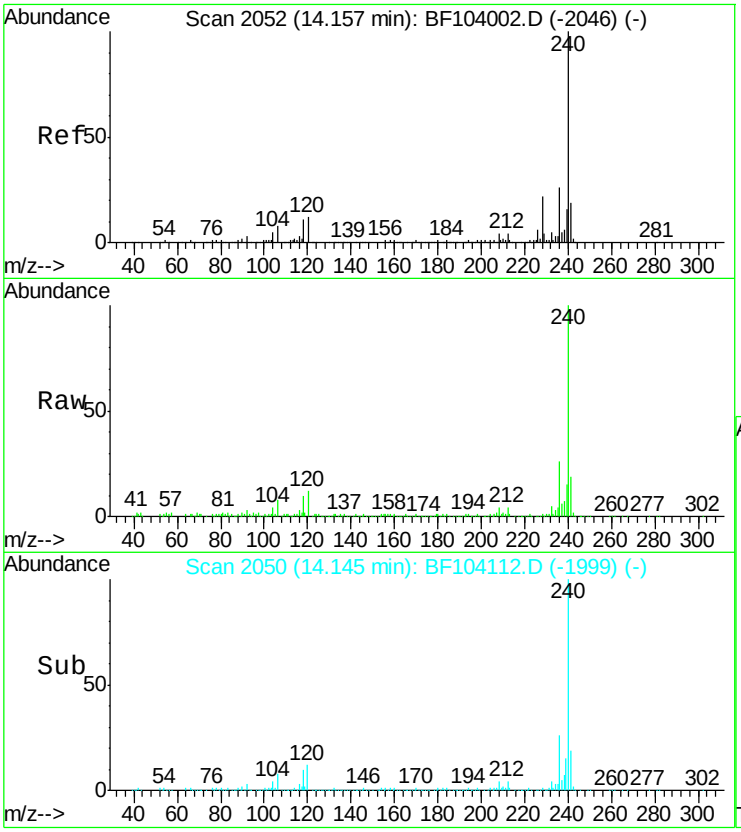


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:188 Resp: 284666

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8



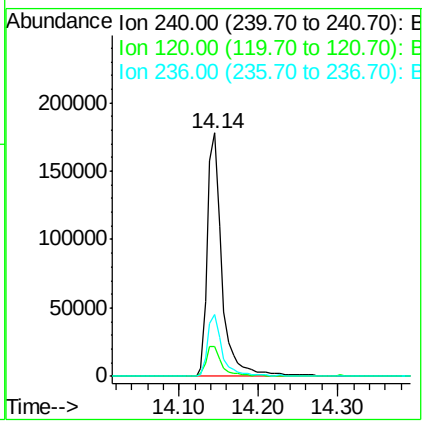


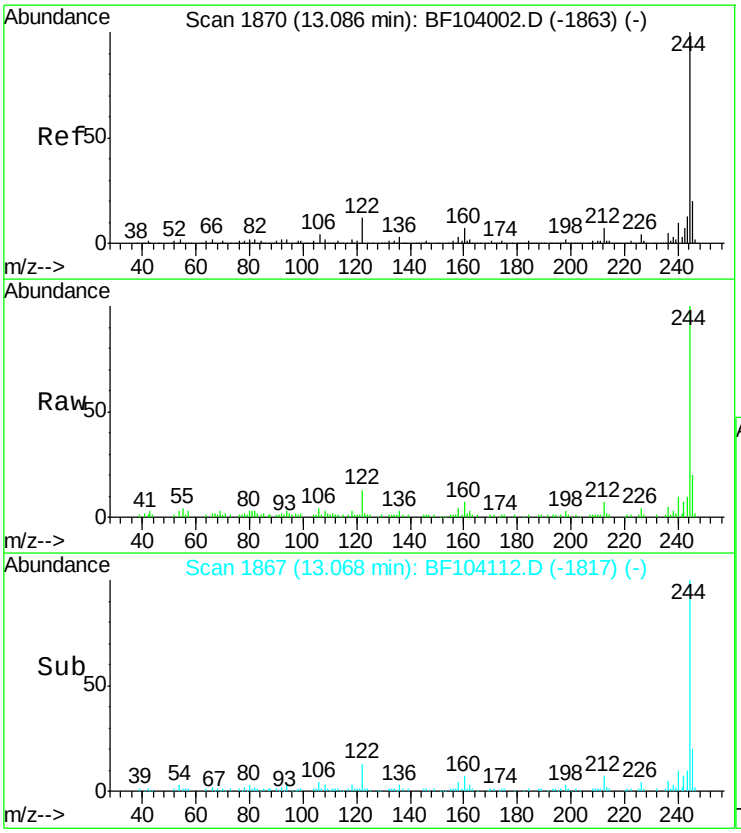
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 228534

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.5	20.7	31.1

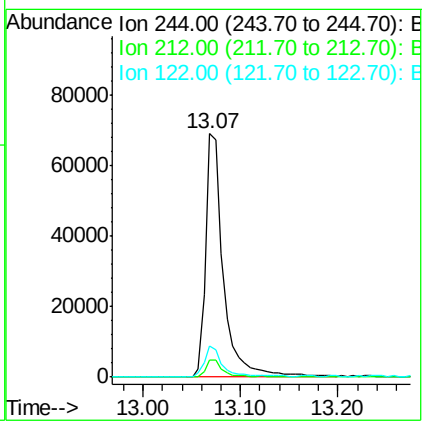


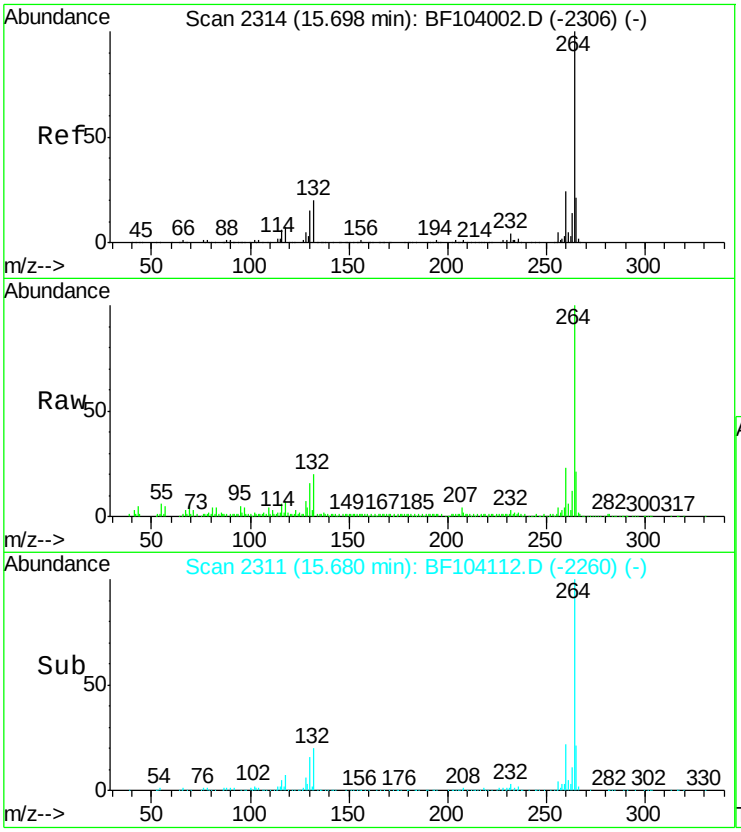


#78
Terphenyl-d14
Concen: 8.871 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:244 Resp: 87804

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 178545

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3