Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104212.D
Acq On : 4 Apr 2018 7:34
Operator : JU/SJ
Sample : J2173-03DL 50X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 08:15:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92401	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	405245	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	208817	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	384850	20.00	ng	0.00
75) Chrysene-d12	14.15	240	265129	20.00	ng	0.00
86) Perylene-d12	15.70	264	214485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	109	0.02	ng	0.12
7) Phenol-d6	6.69	99	249	0.03	ng	0.09
23) Nitrobenzene-d5	7.57	82	2119	0.32	ng	0.04
41) 2,4,6-Tribromophenol	10.80	330	2737	1.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	19915	1.50	ng	0.00
78) Terphenyl-d14	13.08	244	16378	1.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.51	77	1252	Below Cal	#	1
18) Hexachloroethane	7.52	117	10209	3.983	ng	# 7
31) Naphthalene	8.26	128	1695094	85.621	ng	99
32) Benzoic acid	8.03	122	8070	2.099	ng	# 21
33) 4-Chloroaniline	8.26	127	217199	26.023	ng	# 33
37) 2-Methylnaphthalene	8.96	142	54198	4.156	ng	97
50) 2,6-Dinitrotoluene	10.00	165	25848	7.287	ng	# 27
51) Acenaphthene	10.03	154	35776	2.888	ng	97
54) Dibenzofuran	10.21	168	37613	2.079	ng	98
55) 4-Nitrophenol	10.21	139	14291	5.845	ng	# 12
56) 2,4-Dinitrotoluene	10.00	165	26381	5.829	ng	# 24

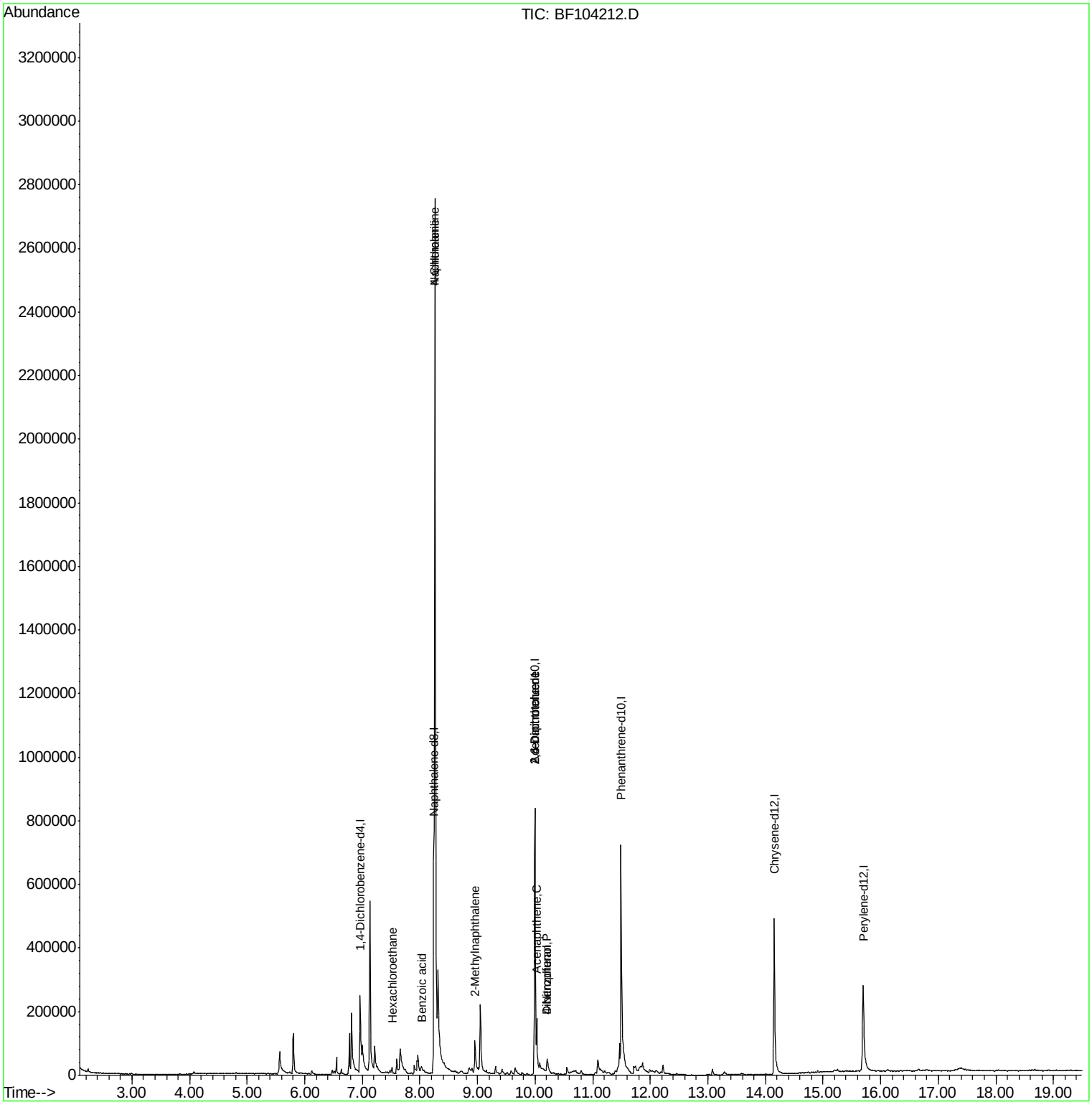
(#) = qualifier out of range (m) = manual integration (+) = signals summed

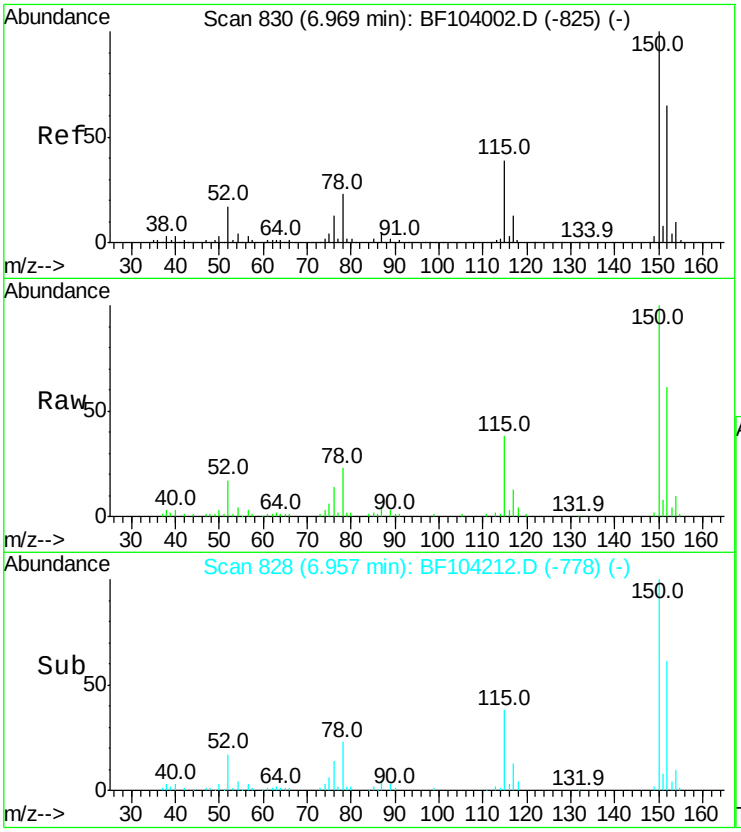
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104212.D
Acq On : 4 Apr 2018 7:34
Operator : JU/SJ
Sample : J2173-03DL 50X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 04 08:15:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

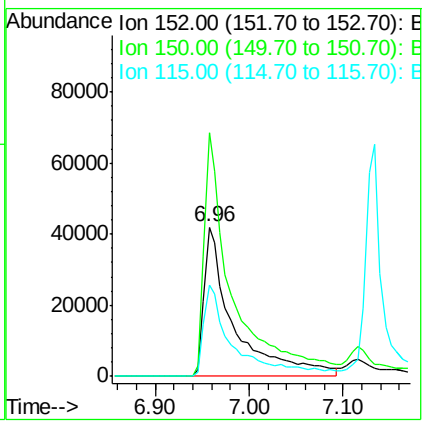




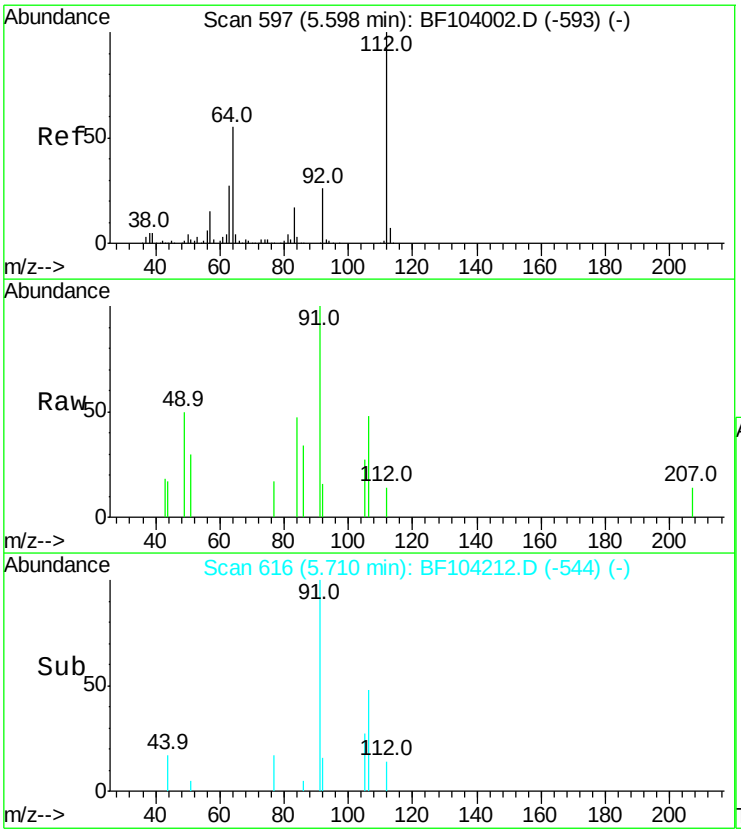
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:152 Resp: 92401

Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.6	186.8
115	61.7	50.1	75.1



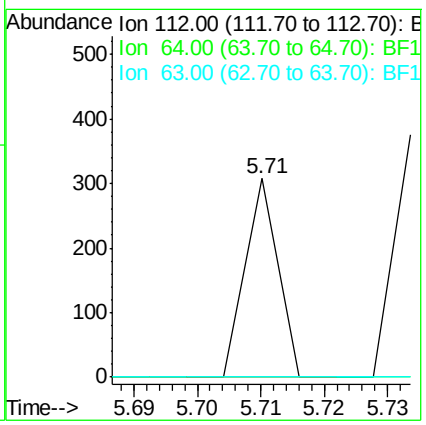
Instrument :
BNA_F
ClientSampleId :

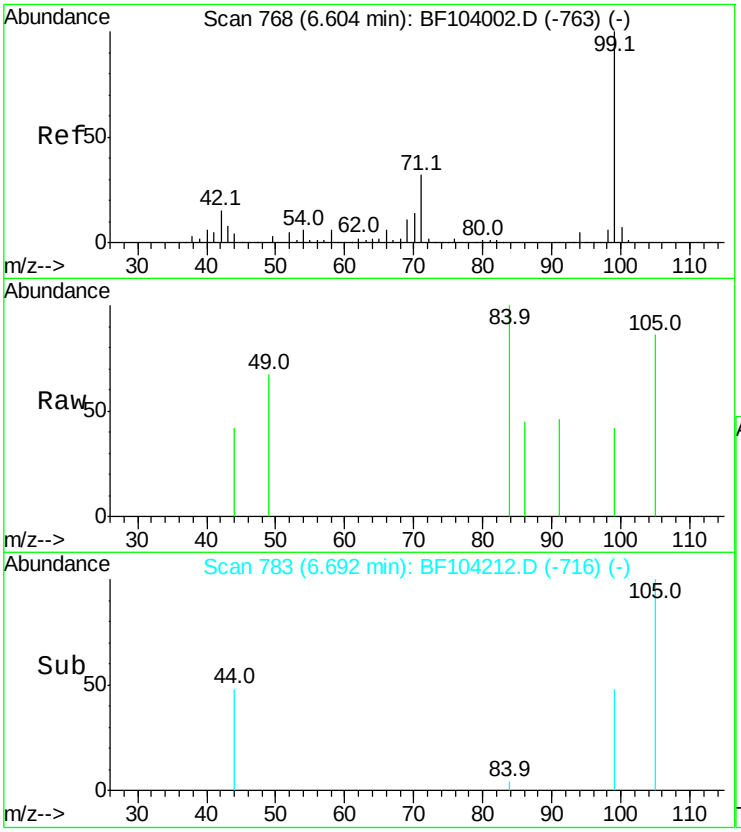


#5
2-Fluorophenol
Concen: 0.019 ng
RT: 5.71 min Scan# 616
Delta R.T. 0.12 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:112 Resp: 109

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



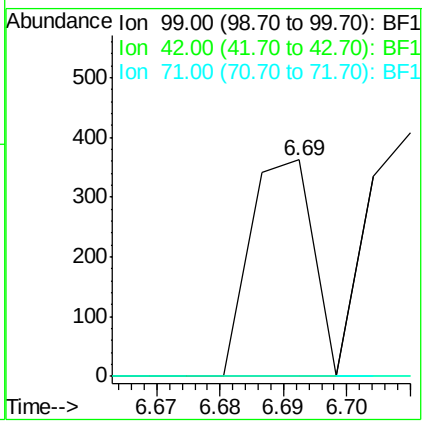


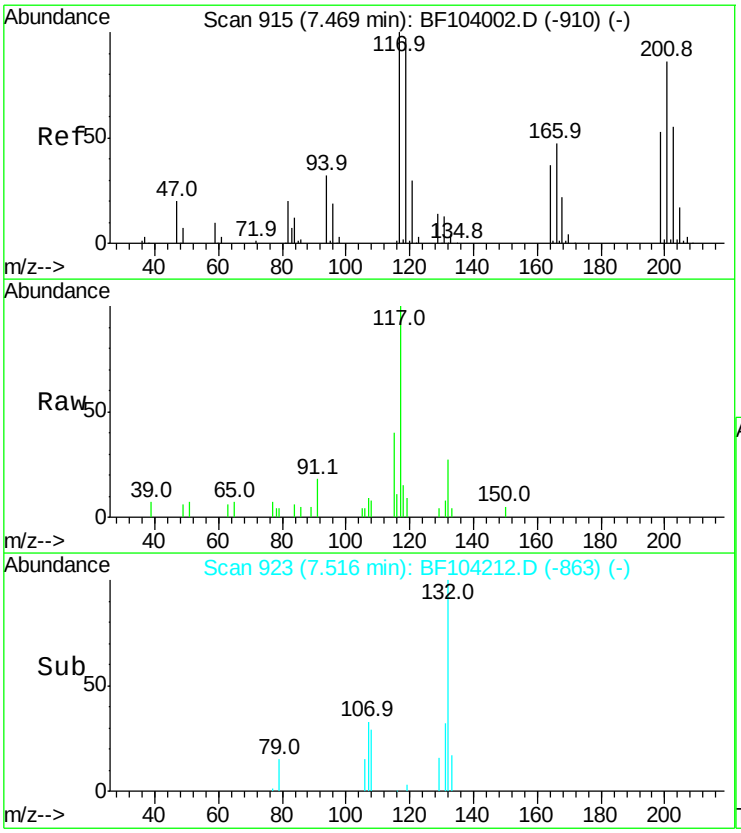
#7
Phenol-d6
Concen: 0.035 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.09 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 249

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#

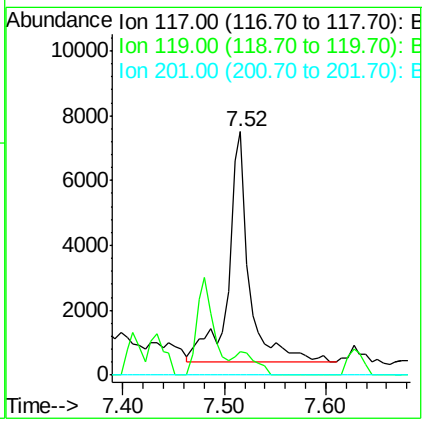


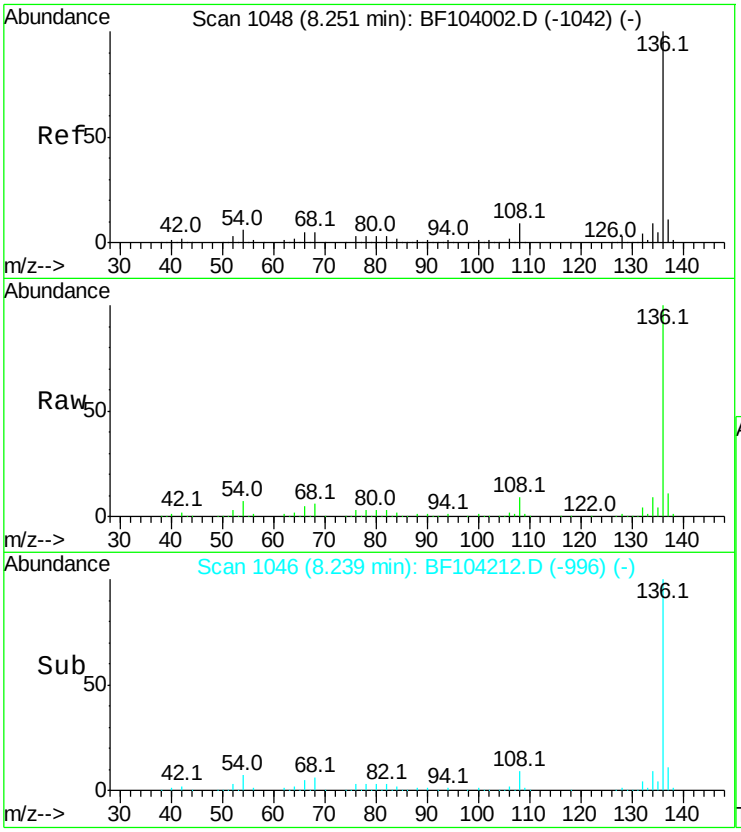


#18
Hexachloroethane
Concen: 3.983 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.05 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:117 Resp: 10209

Ion	Ratio	Lower	Upper
117	100		
119	9.5	75.8	113.8#
201	0.0	75.7	113.5#



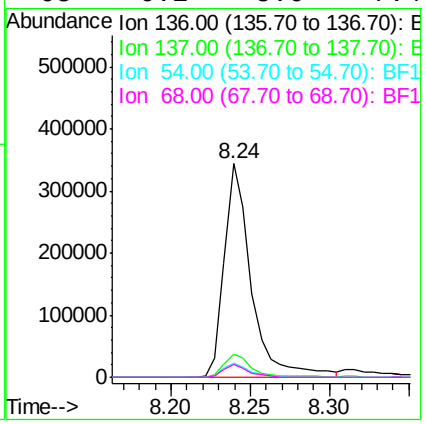


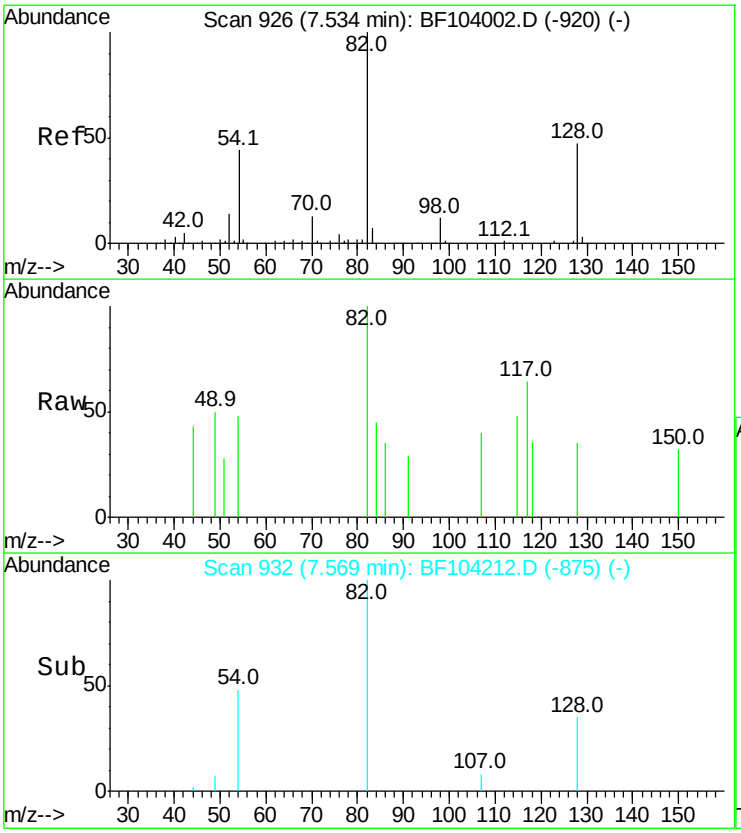
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 405245

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	6.2	5.0	7.4

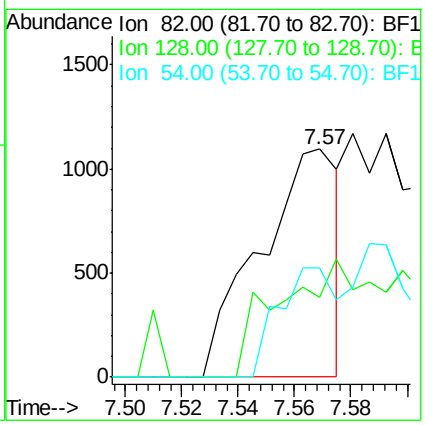


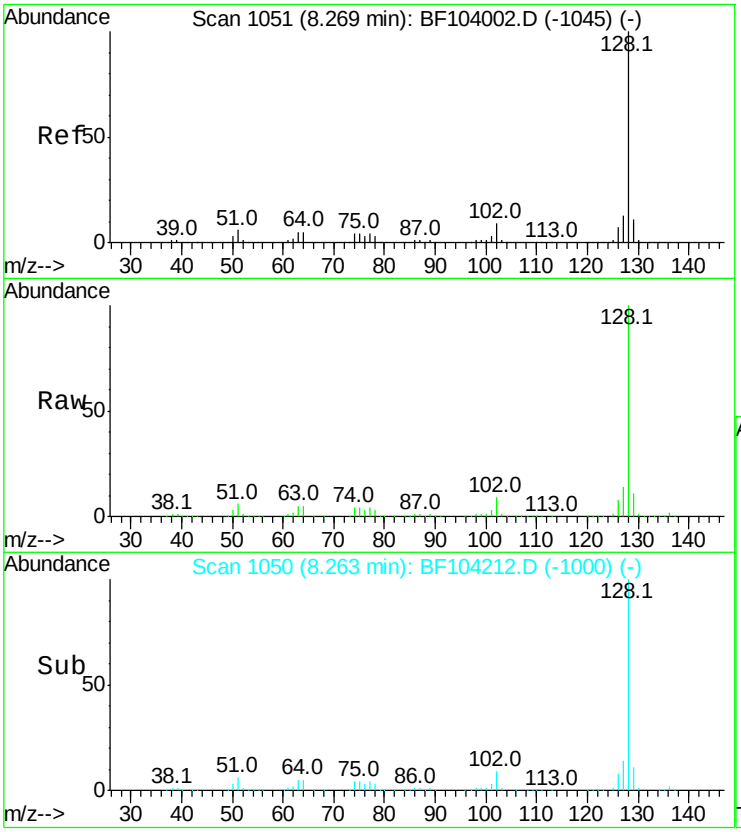


#23
Nitrobenzene-d5
Concen: 0.320 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.04 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion: 82 Resp: 2119

Ion	Ratio	Lower	Upper
82	100		
128	35.1	36.1	54.1#
54	47.9	41.4	62.2



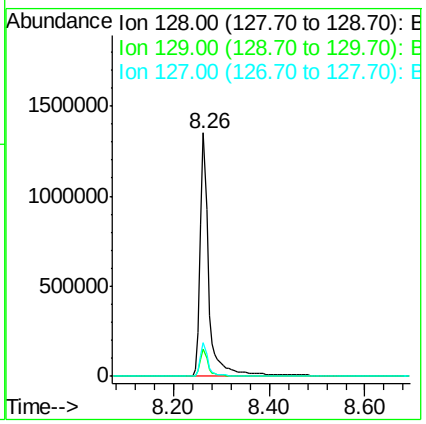


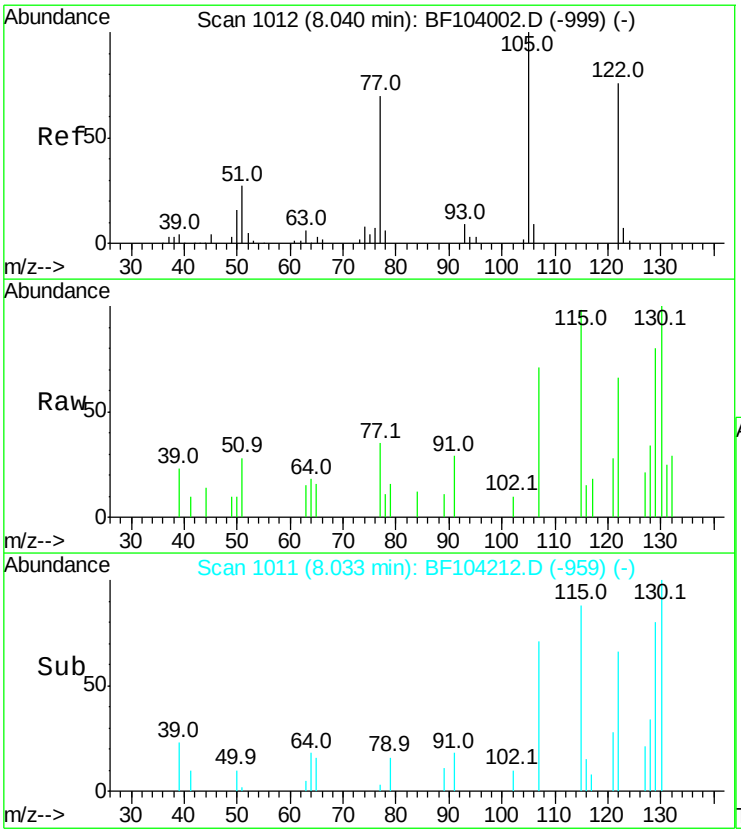
#31
Naphthalene
Concen: 85.621 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1695094

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.8	10.9	16.3

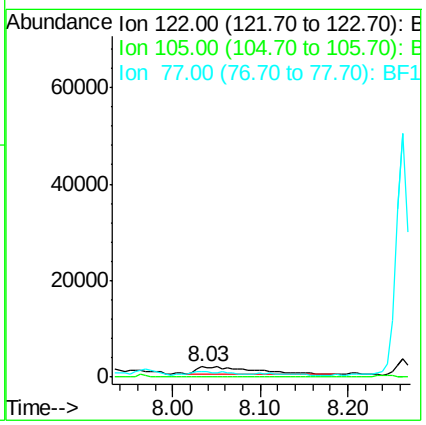


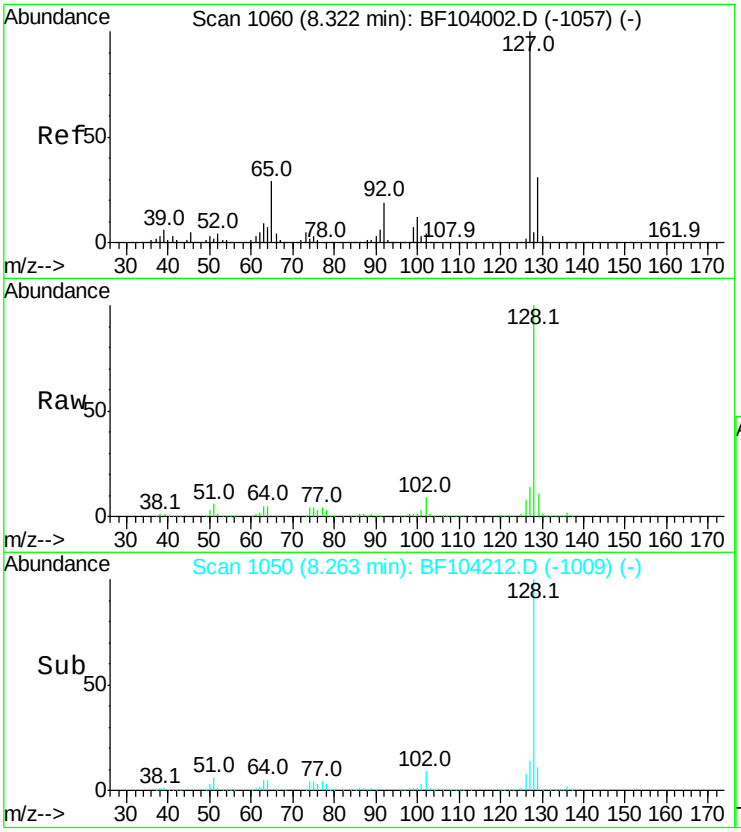


#32
Benzoic acid
Concen: 2.099 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:122 Resp: 8070

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	53.2	70.7	110.7#



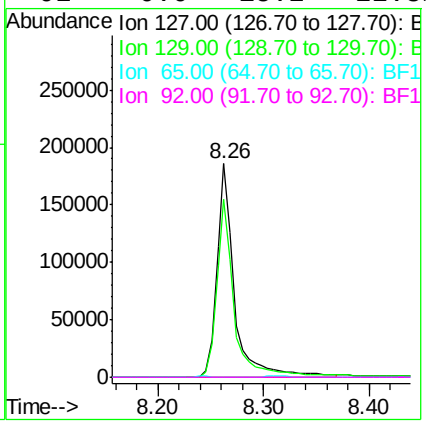


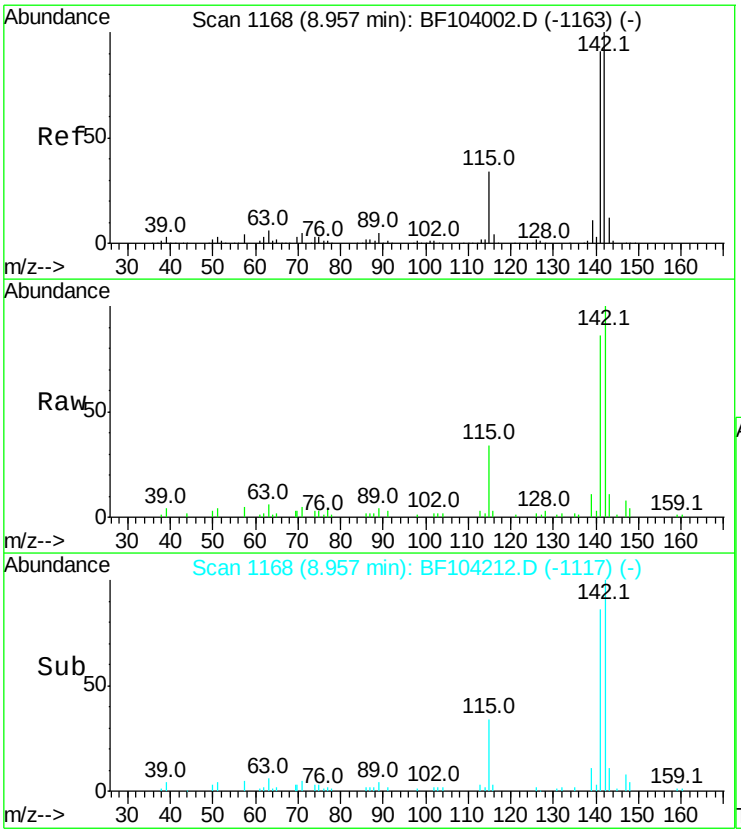
#33
4-Chloroaniline
Concen: 26.023 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 217199

Ion	Ratio	Lower	Upper
127	100		
129	83.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

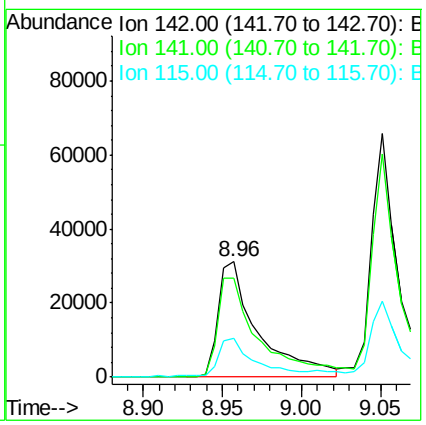


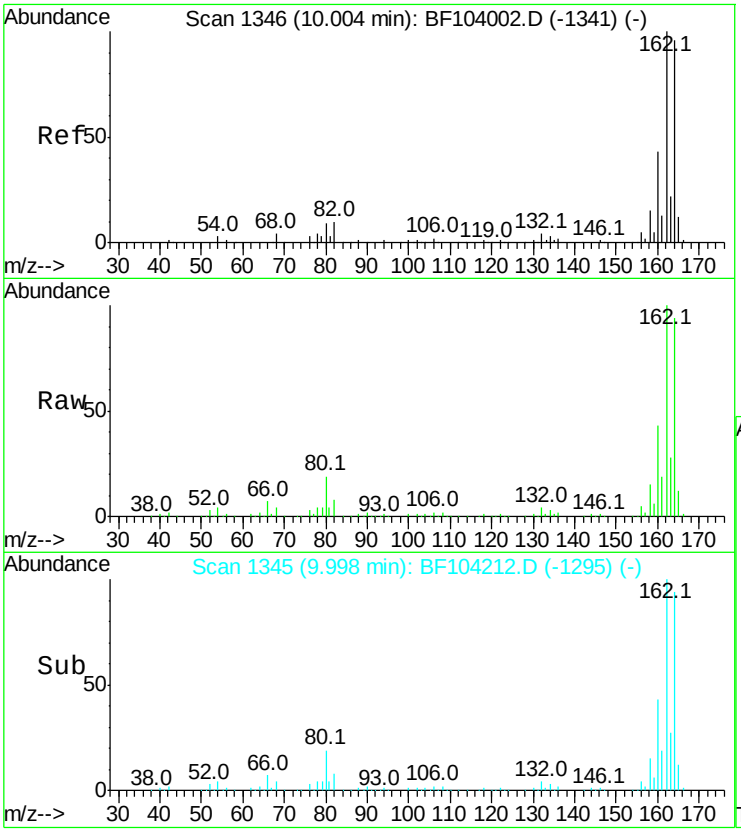


#37
2-Methylnaphthalene
Concen: 4.156 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:142 Resp: 54198

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.8	106.2
115	33.5	26.1	39.1



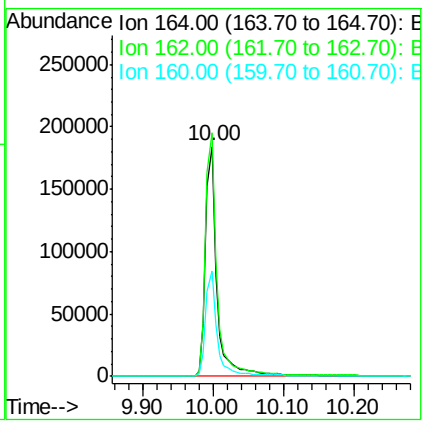


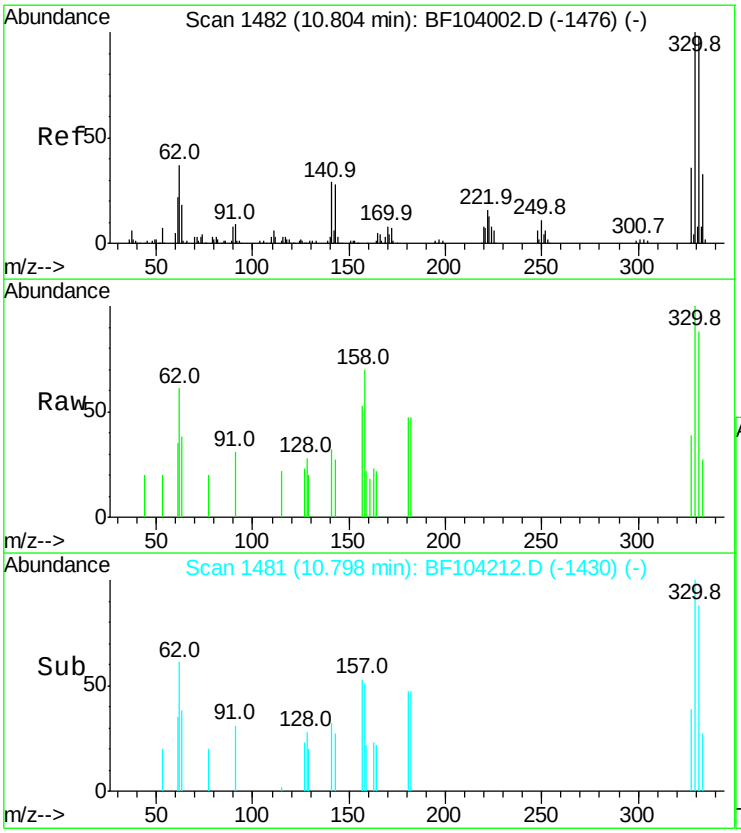
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 208817

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	45.9	38.3	57.5

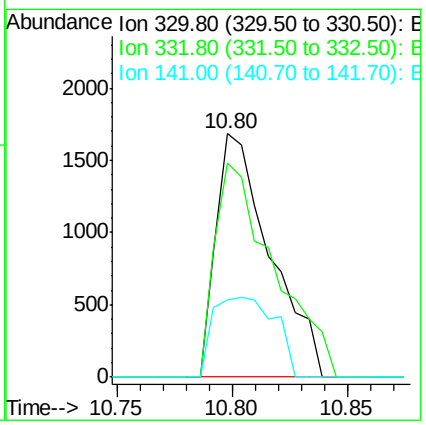


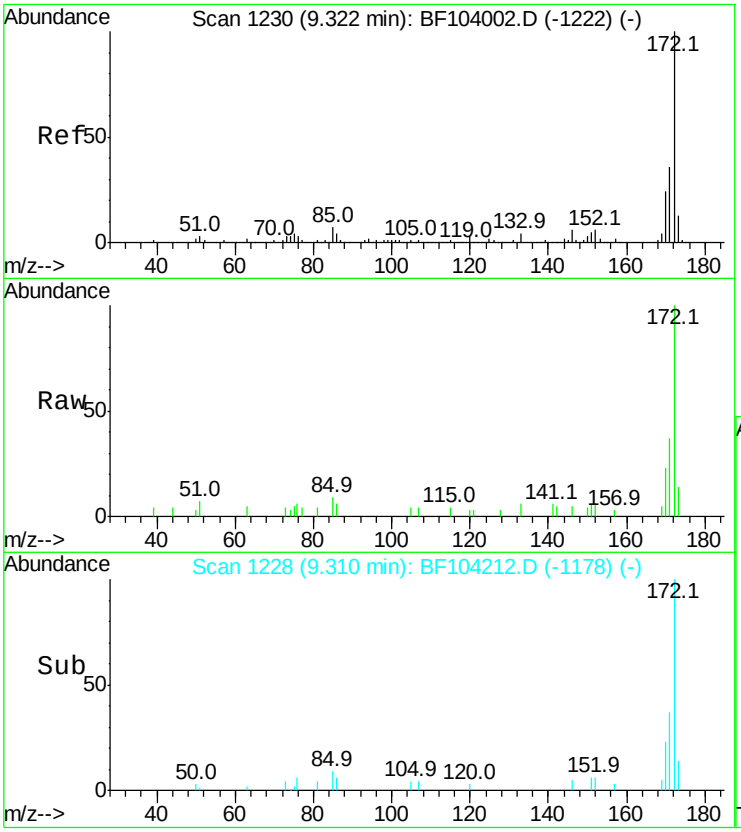


#41
2,4,6-Tribromophenol
Concen: 1.177 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:330 Resp: 2737

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.7	29.9	44.9



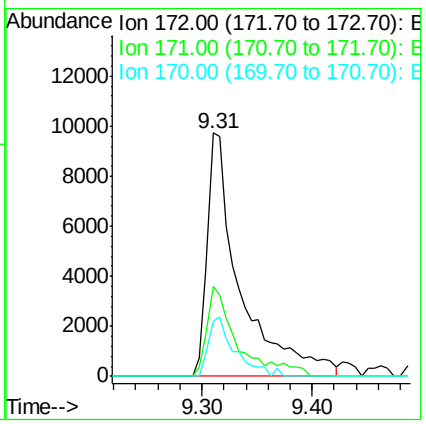


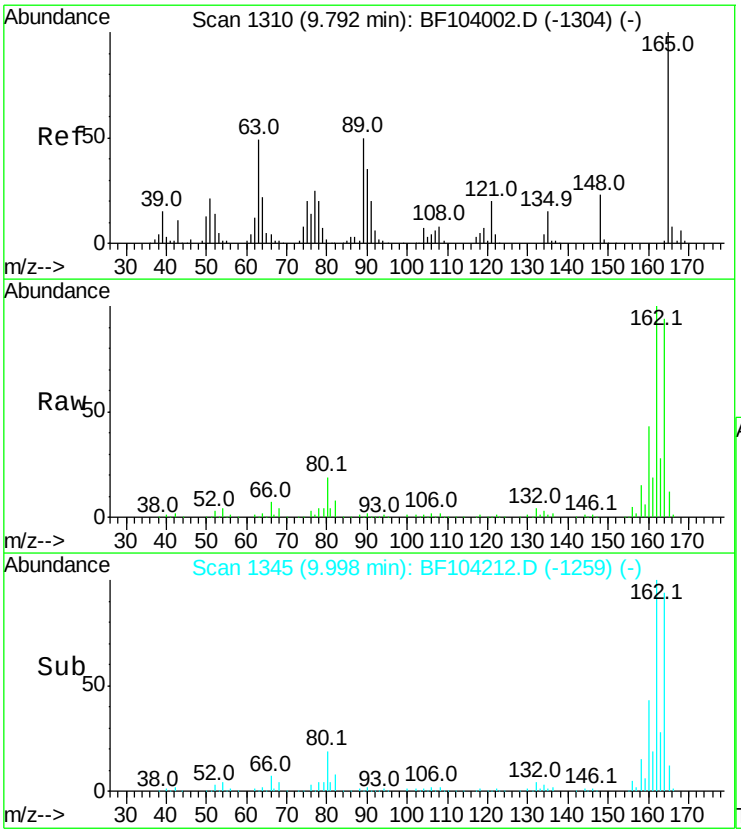
#44
2-Fluorobiphenyl
Concen: 1.504 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 19915

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	22.7	19.6	29.4

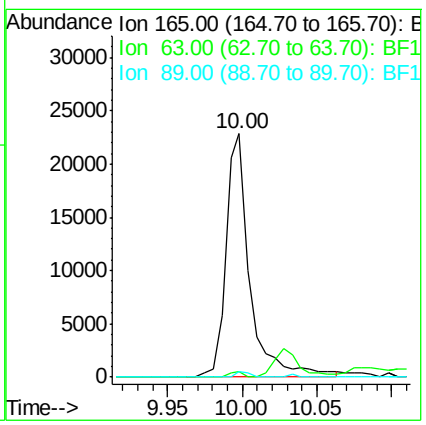


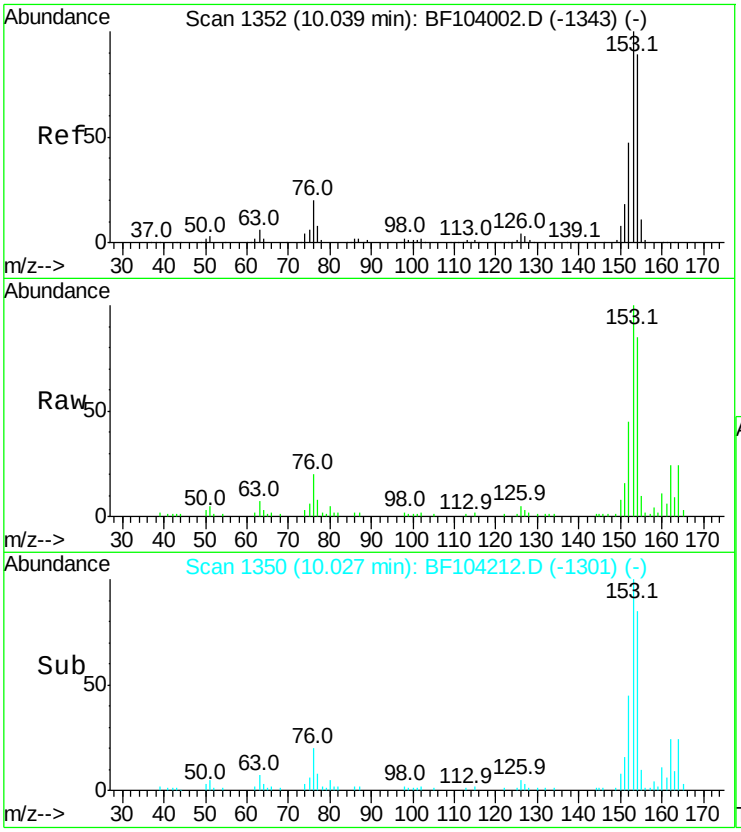


#50
2,6-Dinitrotoluene
Concen: 7.287 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:165 Resp: 25848

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	2.2	44.0	66.0#



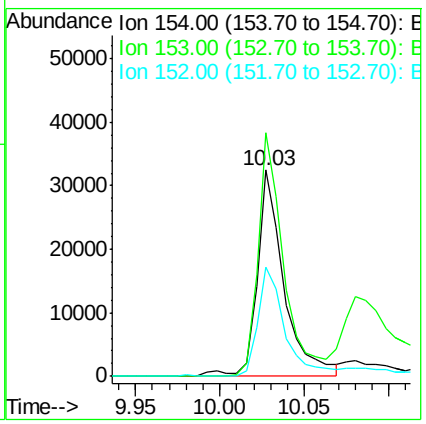


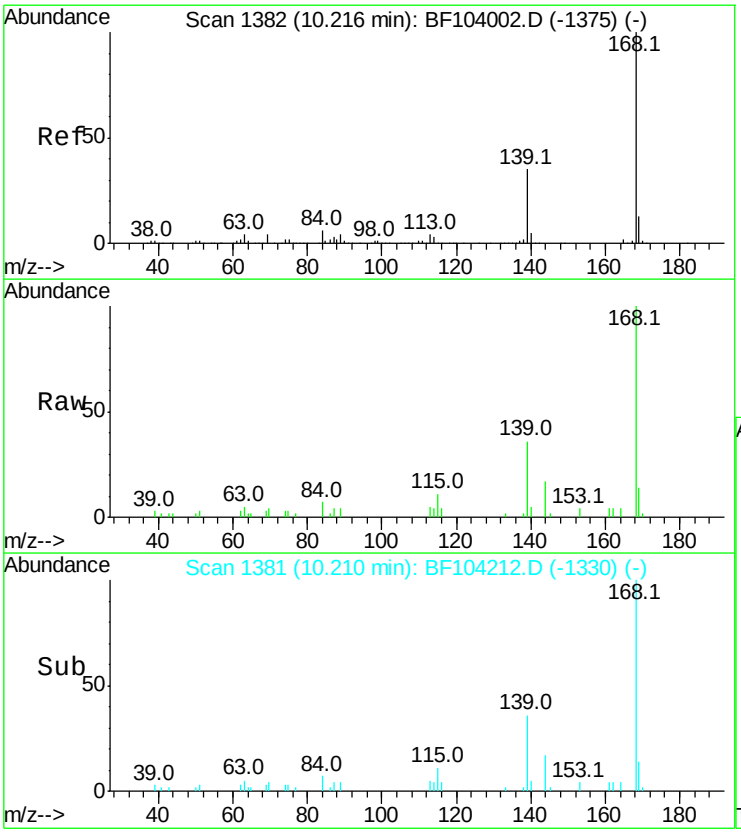
#51
Acenaphthene
Concen: 2.888 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 35776

Ion	Ratio	Lower	Upper
154	100		
153	118.0	91.2	136.8
152	52.8	43.8	65.8

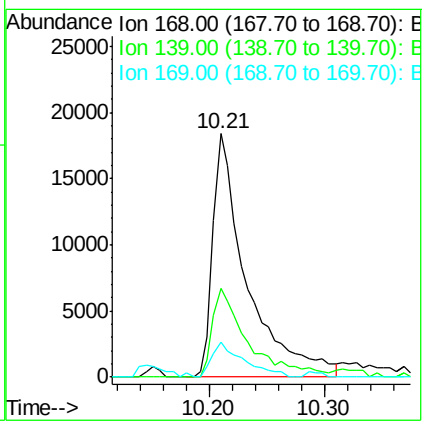


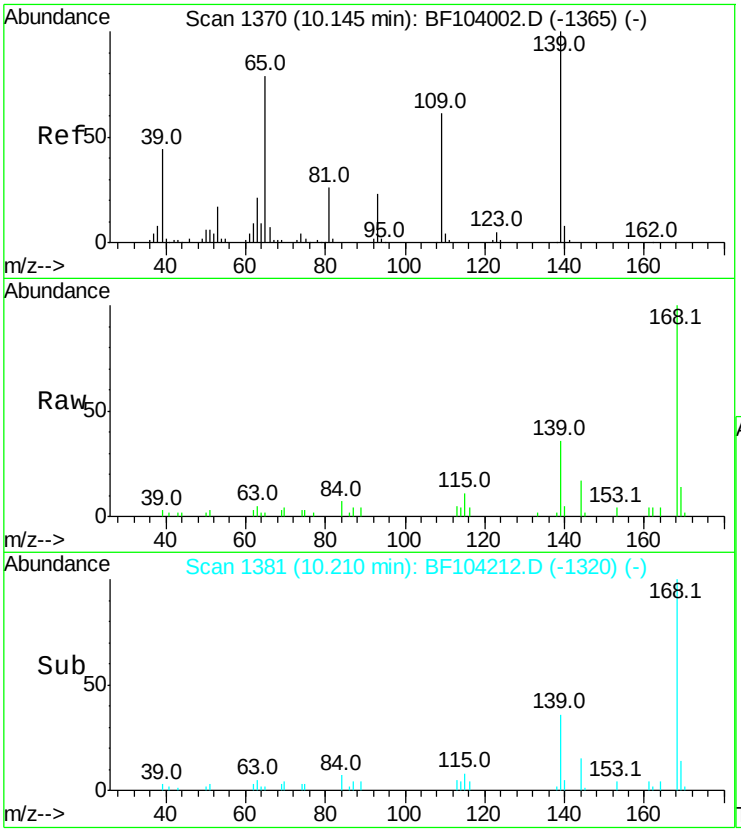


#54
Dibenzofuran
Concen: 2.079 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:168 Resp: 37613

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	14.3	10.9	16.3



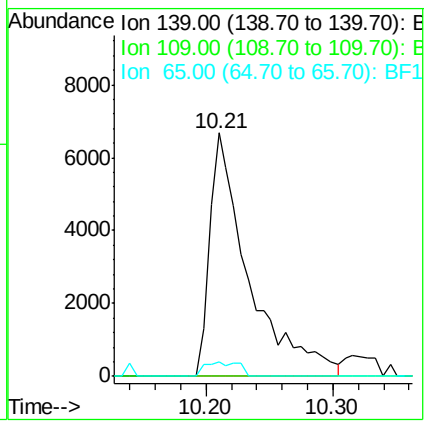


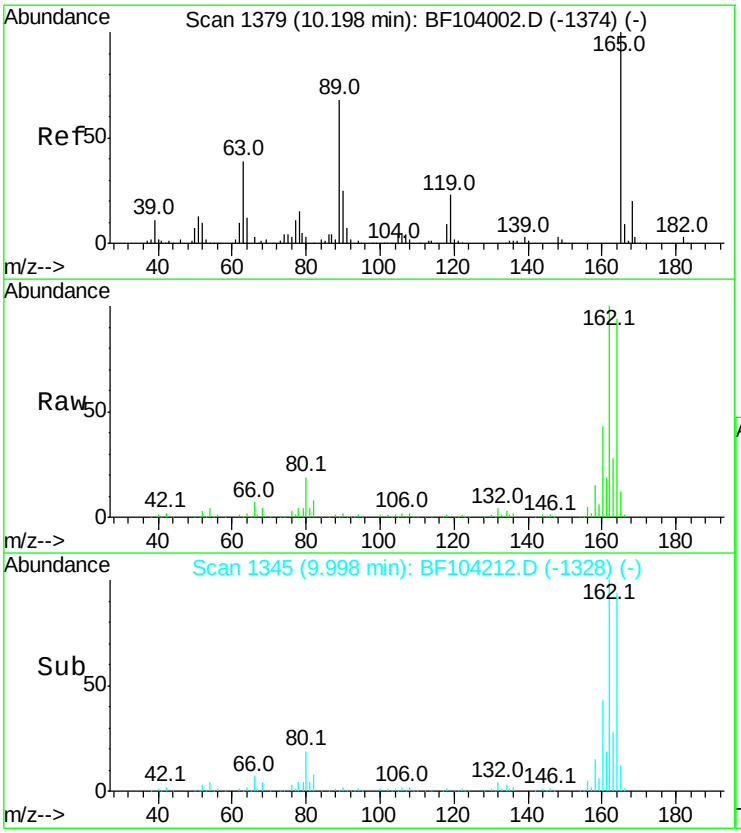
#55
4-Nitrophenol
Concen: 5.845 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.06 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 14291

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	6.0	72.6	112.6#

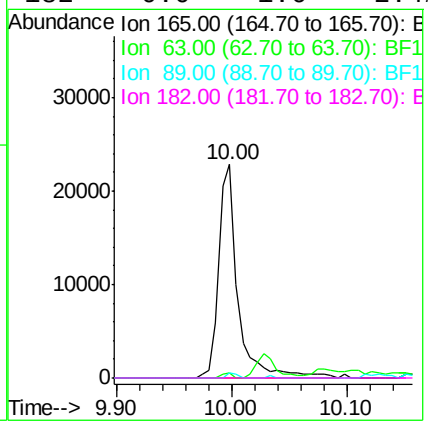


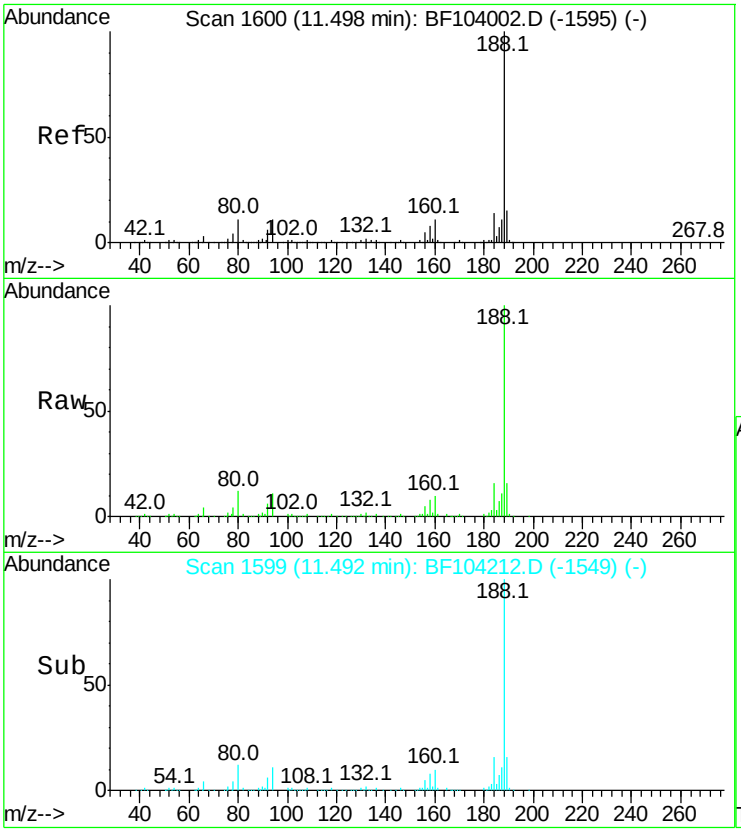


#56
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:165 Resp: 26381

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



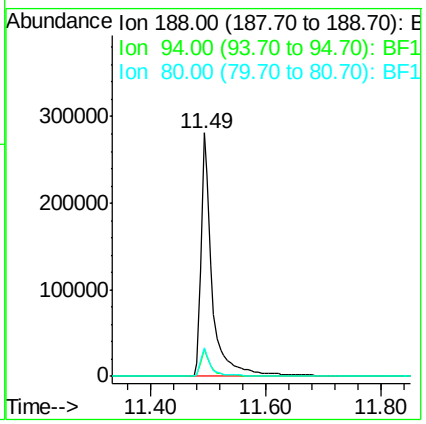


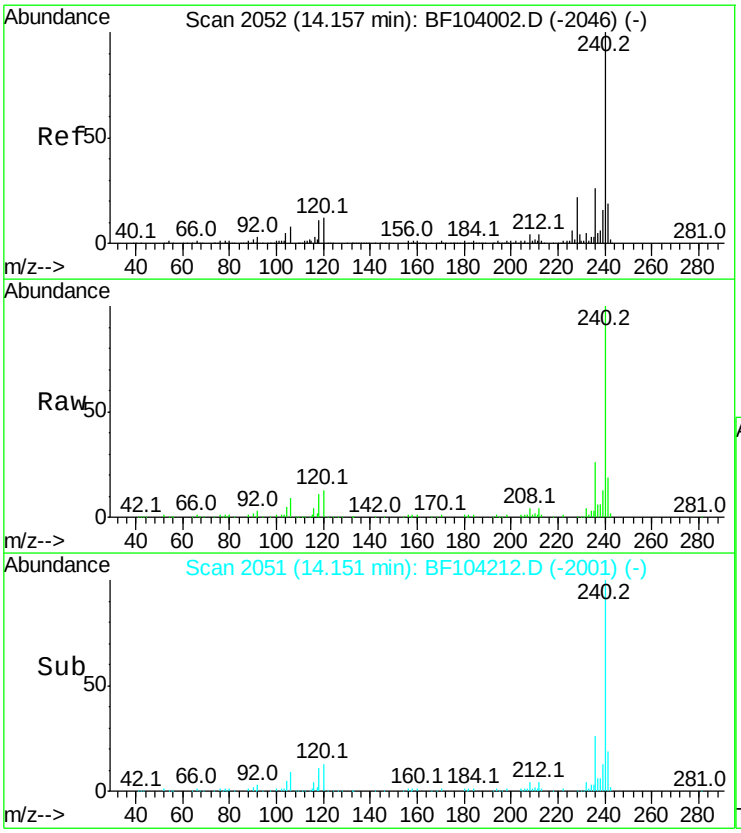
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 384850

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

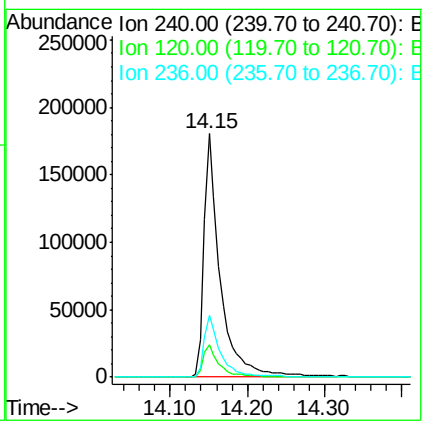


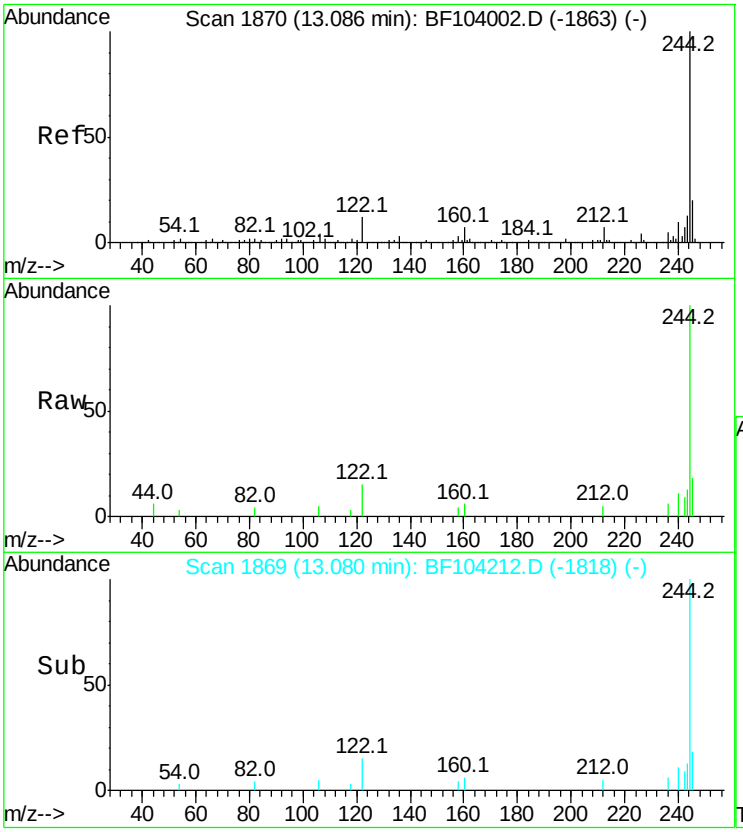


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:240 Resp: 265129

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.6	20.7	31.1



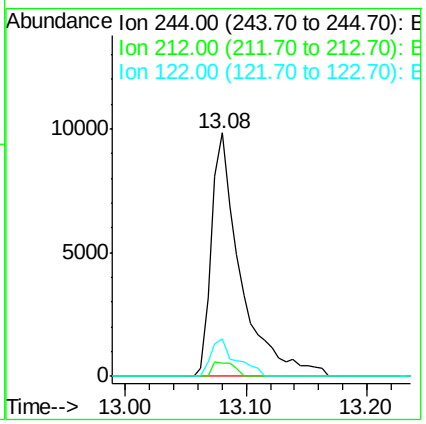


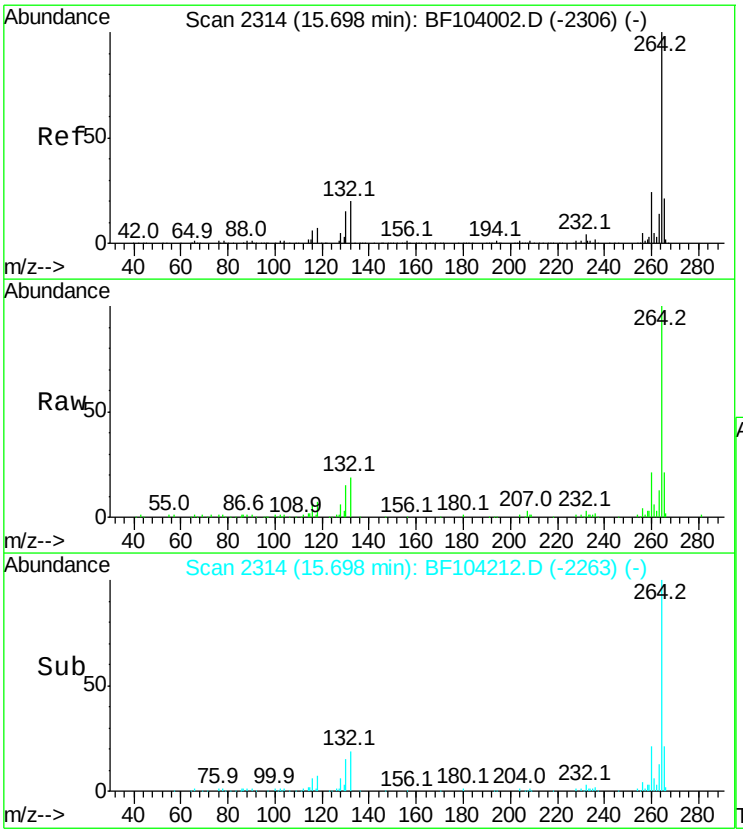
#78
Terphenyl-d14
Concen: 1.426 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 16378

Ion	Ratio	Lower	Upper
244	100		
212	5.2	5.4	8.0#
122	15.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104212.D
Acq: 4 Apr 2018 7:34

Tgt Ion:264 Resp: 214485

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.4	17.5	26.3