Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104173.D
Acq On : 3 Apr 2018 10:32
Operator : JU/SJ
Sample : J21705DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 12:15:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76990	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	322668	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	129736	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	206912	20.00	ng		0.00
75) Chrysene-d12	14.15	240	192873	20.00	ng		0.00
86) Perylene-d12	15.69	264	127738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	30583	6.33	ng		0.02
7) Phenol-d6	6.62	99	27128	4.57	ng		0.02
23) Nitrobenzene-d5	7.53	82	78806	14.94	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	32615	22.58	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	202143	24.57	ng		0.00
78) Terphenyl-d14	13.07	244	157337	18.84	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	1819	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.53	70	8820	2.502	ng	#	72
25) Isophorone	7.53	82	78806	8.105	ng	#	64
31) Naphthalene	8.26	128	1138697	72.237	ng		99
33) 4-Chloroaniline	8.26	127	152605	22.963	ng	#	32
50) 2,6-Dinitrotoluene	10.00	165	15865	7.199	ng	#	24
51) Acenaphthene	10.03	154	28008	3.639	ng		95
54) Dibenzofuran	10.21	168	28578	2.542	ng		98
55) 4-Nitrophenol	10.21	139	10137	6.674	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	15865	5.642	ng	#	21
57) Fluorene	10.55	166	24098	2.599	ng		96
70) Phenanthrene	11.52	178	43265	3.862	ng		98

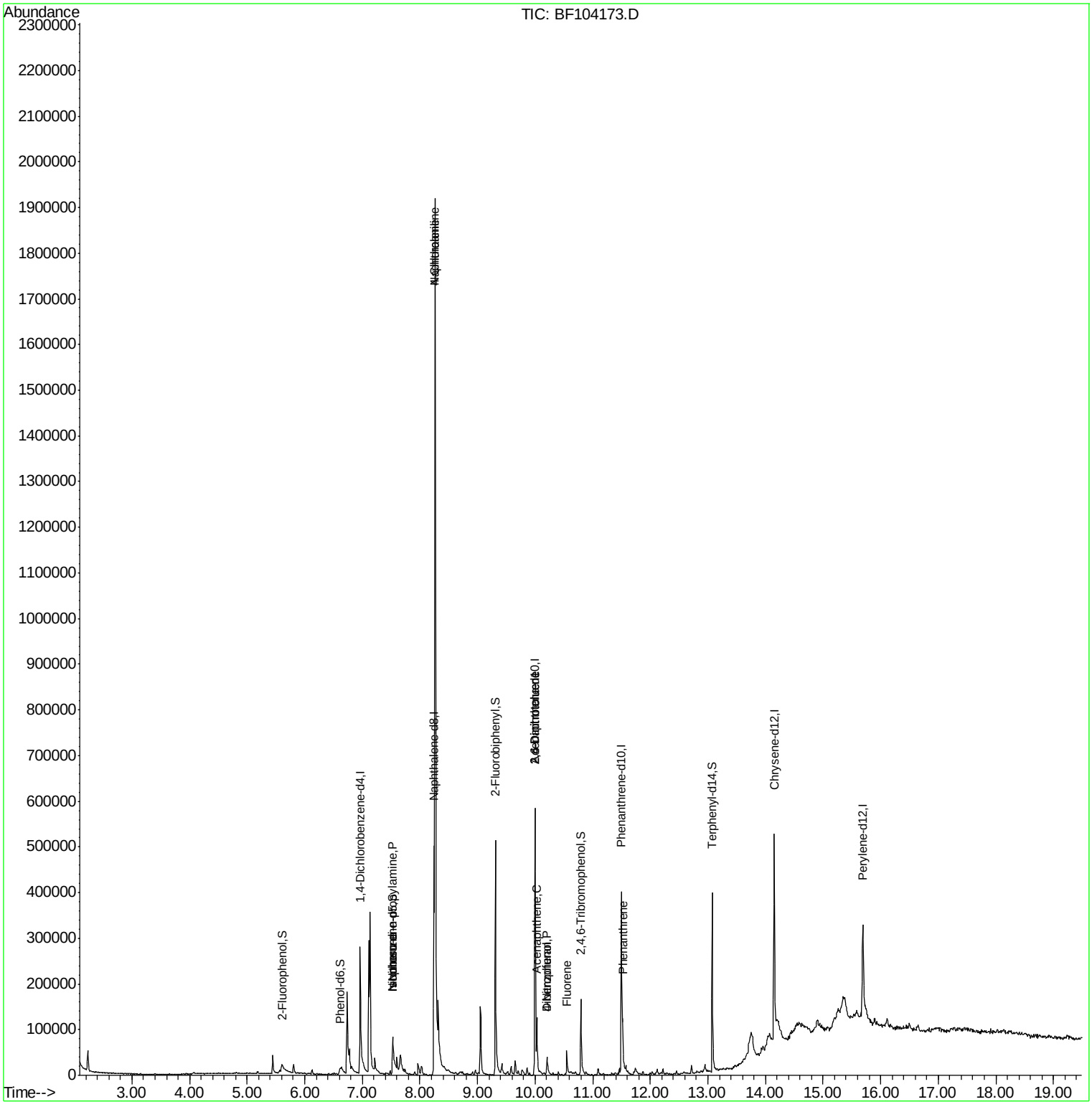
(#) = qualifier out of range (m) = manual integration (+) = signals summed

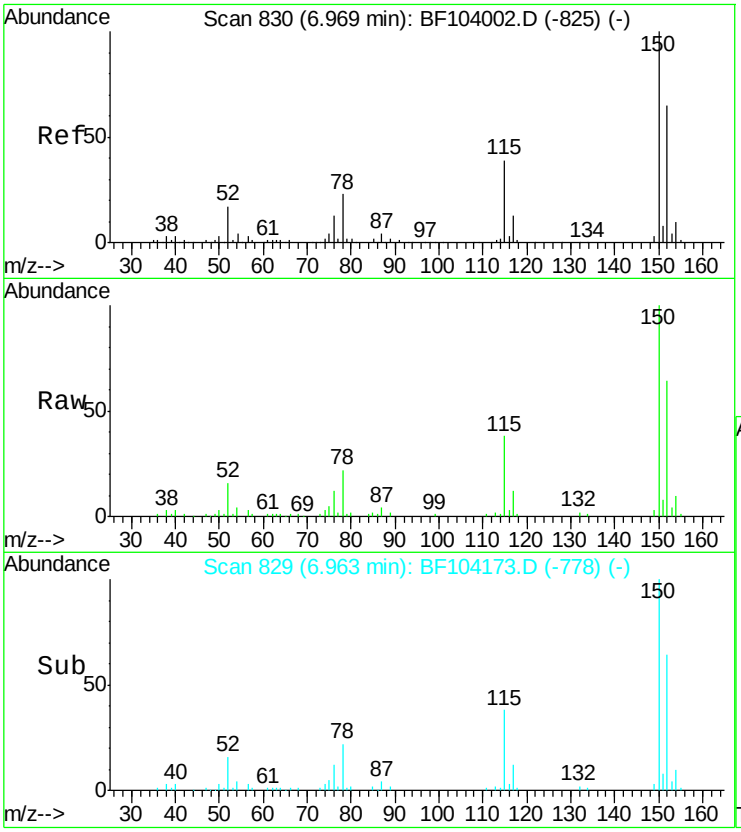
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104173.D
Acq On : 3 Apr 2018 10:32
Operator : JU/SJ
Sample : J21705DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 03 12:15:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration



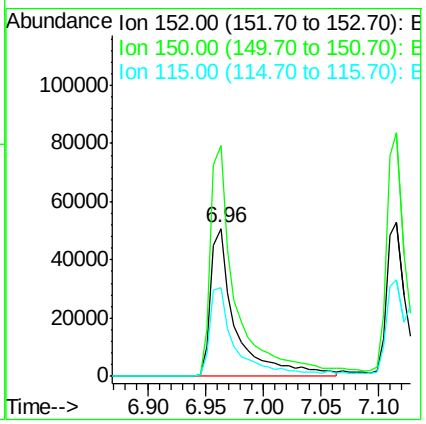


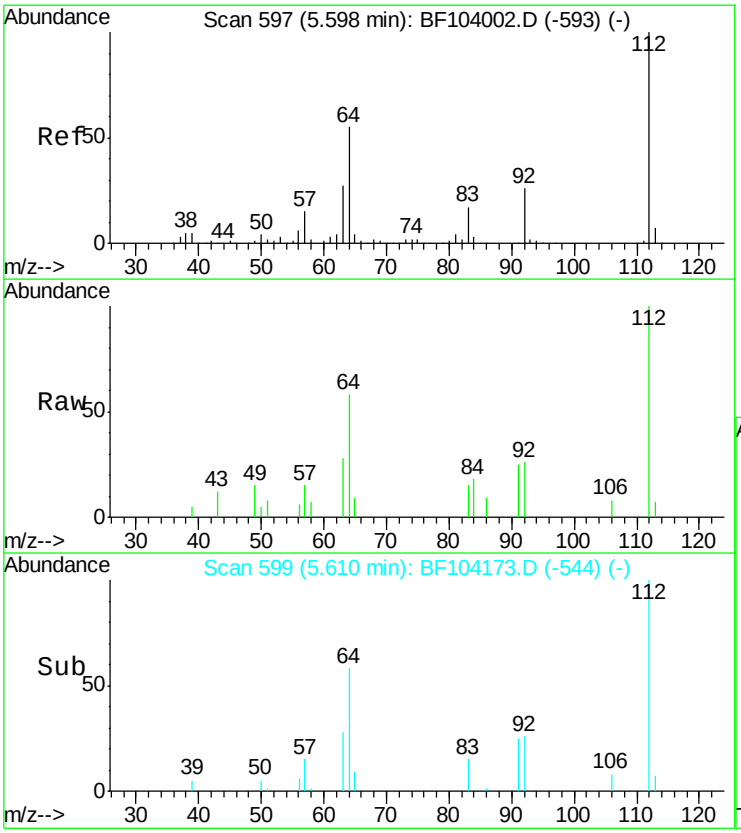
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76990

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.1	50.1	75.1

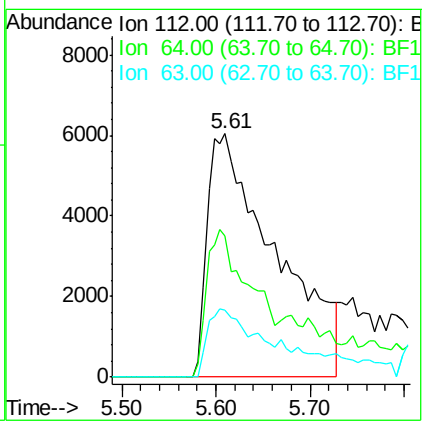


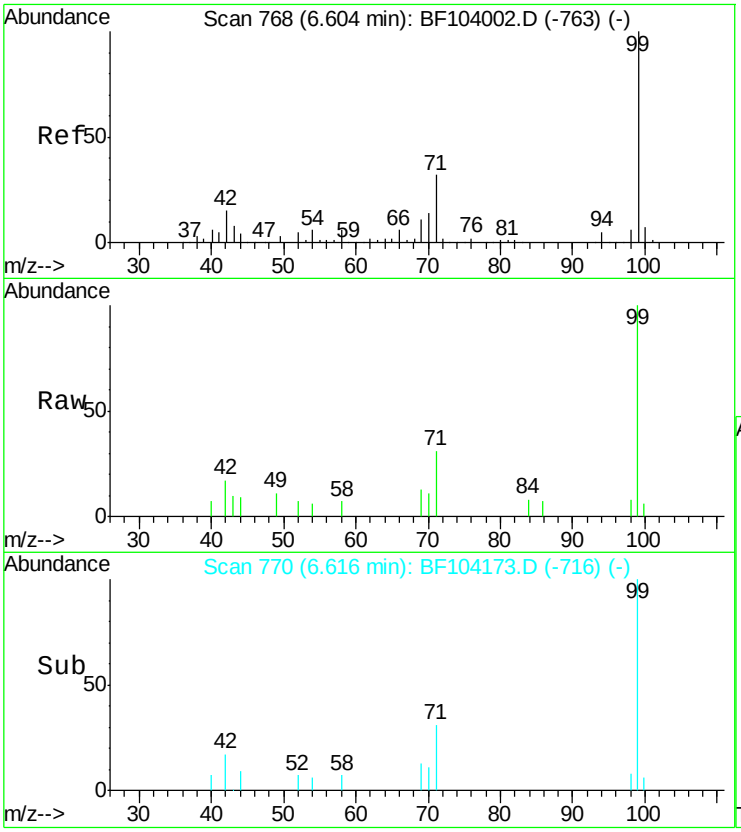


#5
2-Fluorophenol
Concen: 6.335 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:112 Resp: 30583

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	27.6	23.7	35.5



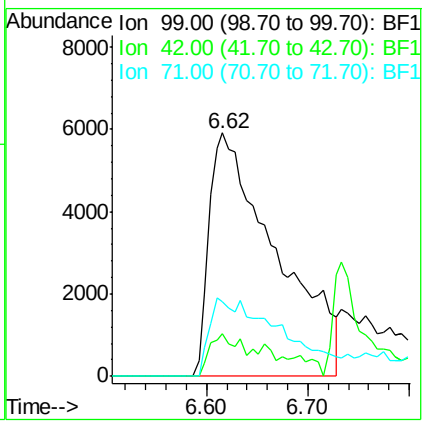


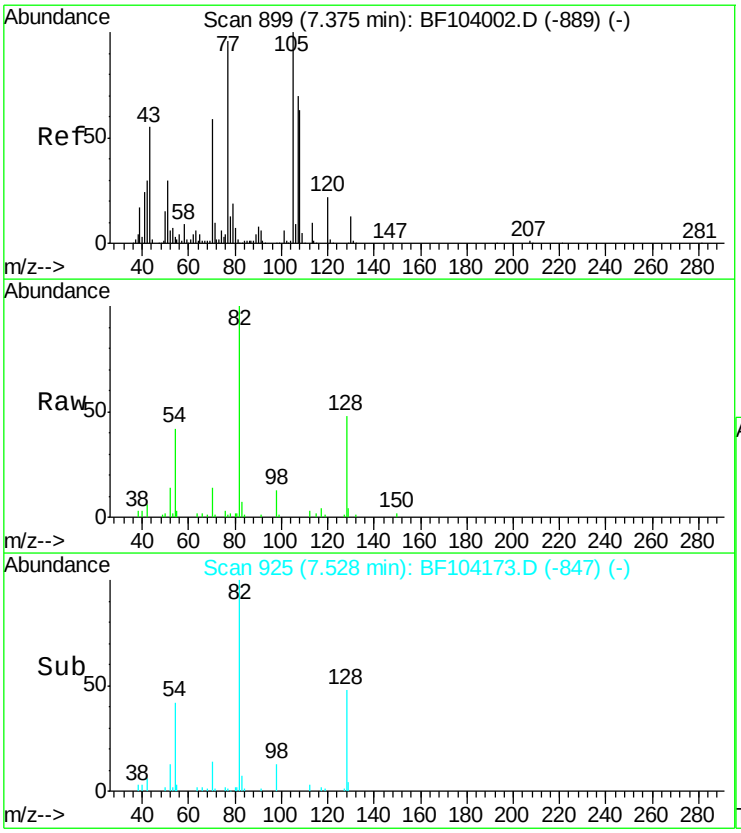
#7
Phenol-d6
Concen: 4.567 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.02 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 27128

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	30.8	25.4	38.0

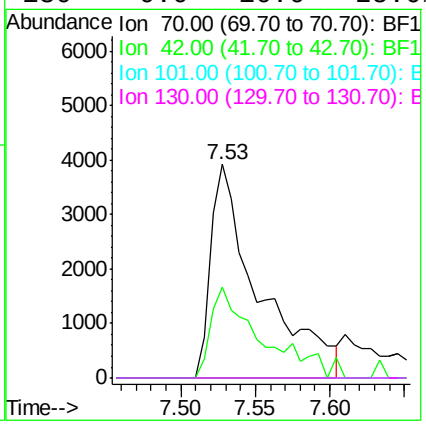


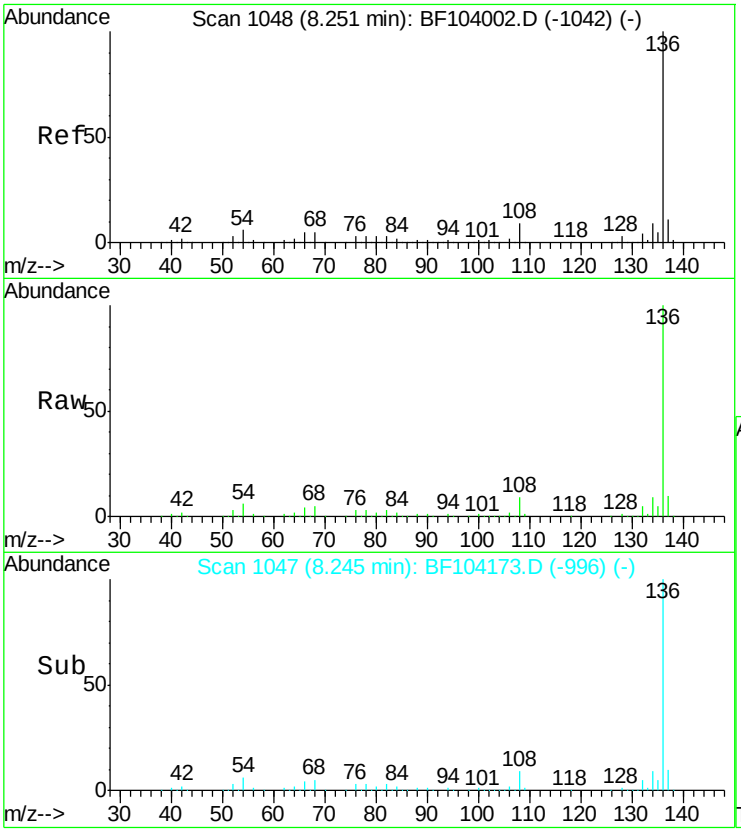


#19
n-Nitroso-di-n-propylamine
Concen: 2.502 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion: 70 Resp: 8820

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



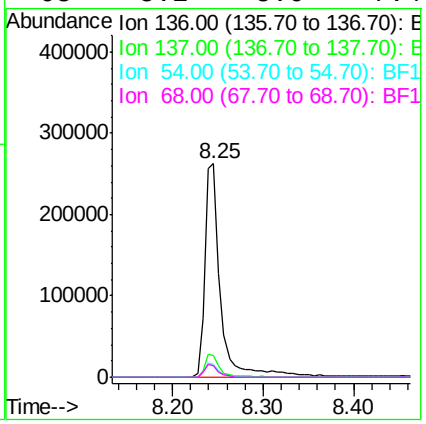


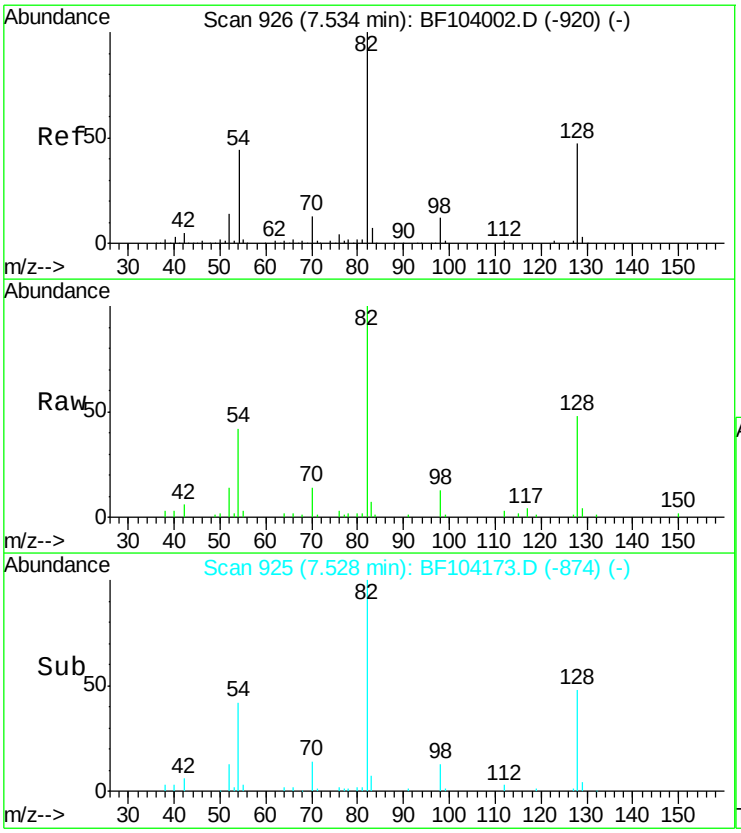
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 322668

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.8	6.6	9.8#
68	5.2	5.0	7.4

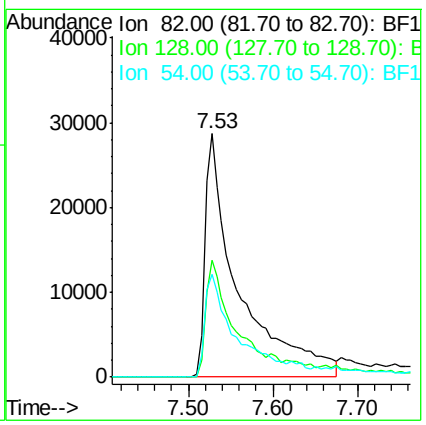


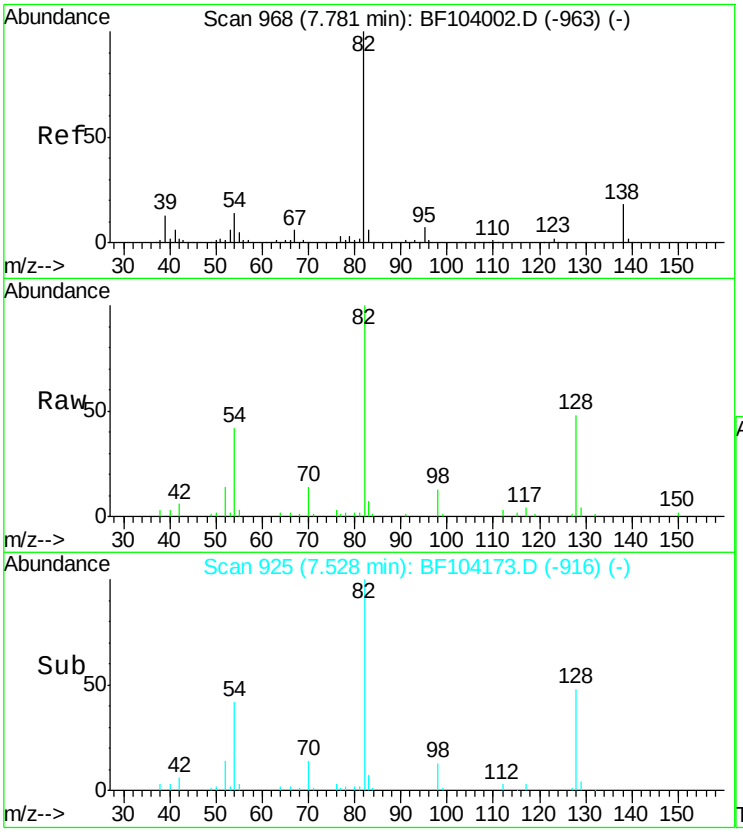


#23
Nitrobenzene-d5
Concen: 14.936 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion: 82 Resp: 78806

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	42.4	41.4	62.2



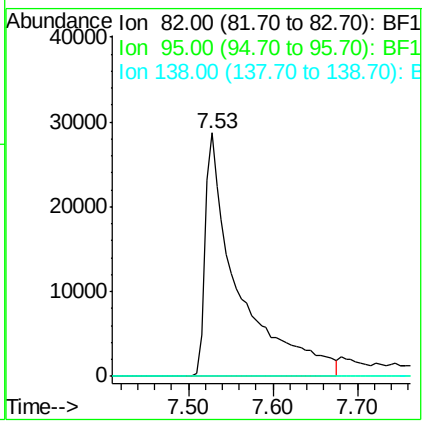


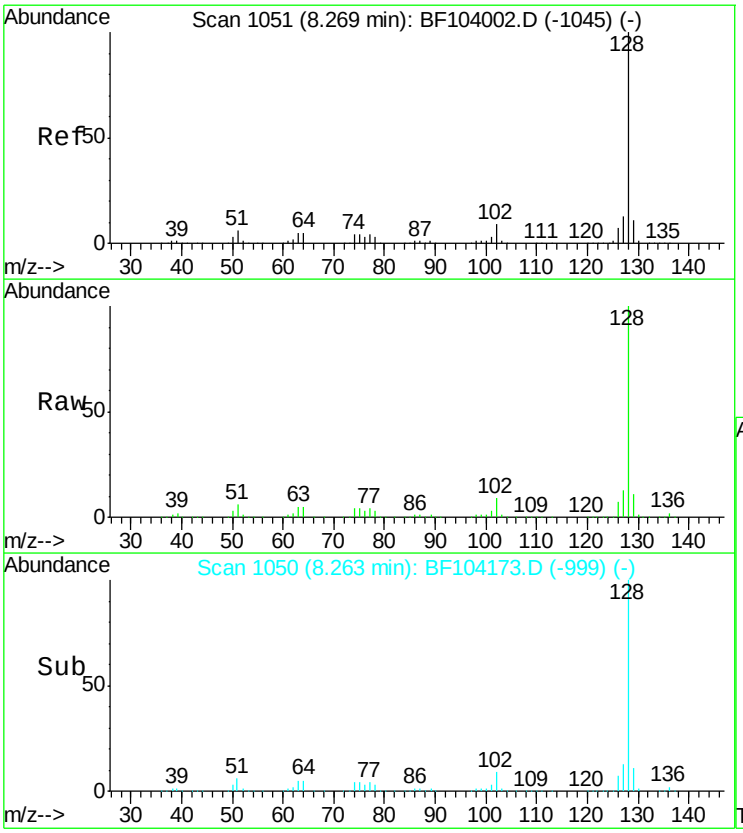
#25
Isophorone
Concen: 8.105 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 78806

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

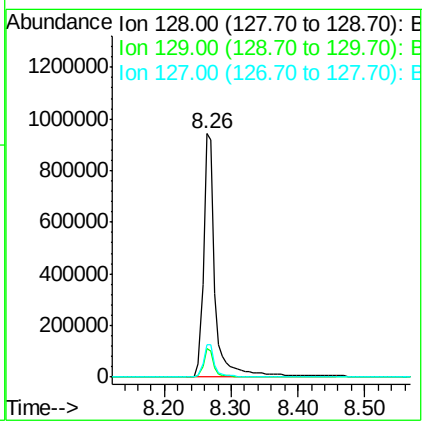


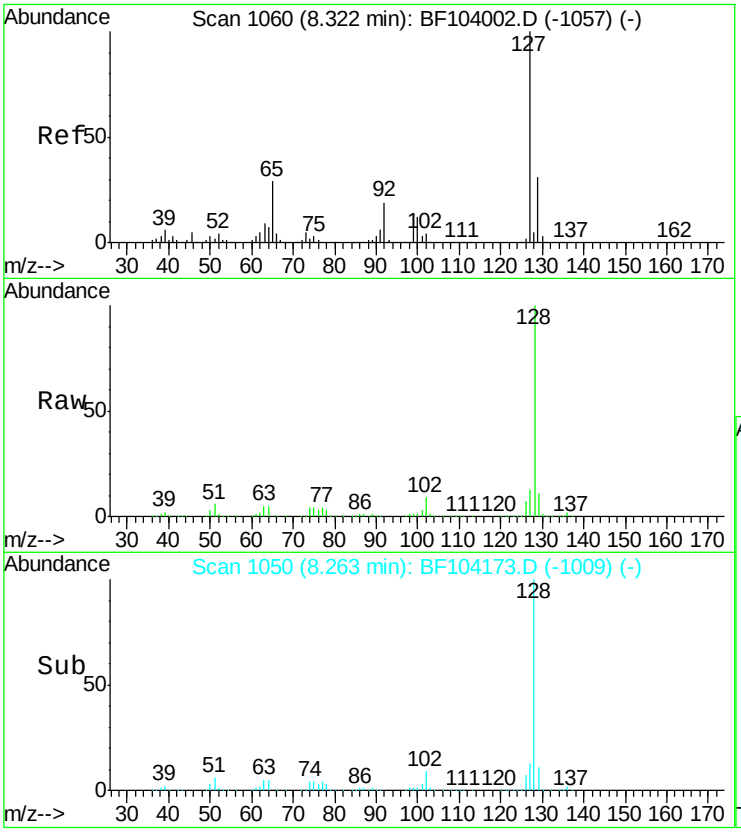


#31
Naphthalene
Concen: 72.237 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:128 Resp: 1138697

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3



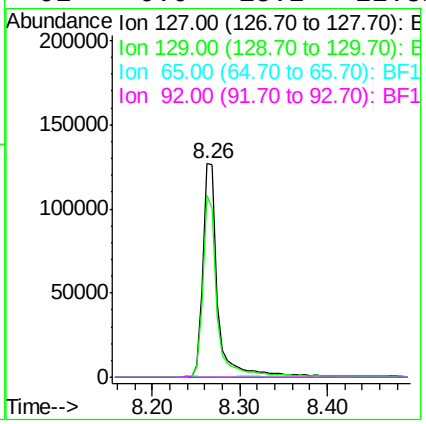


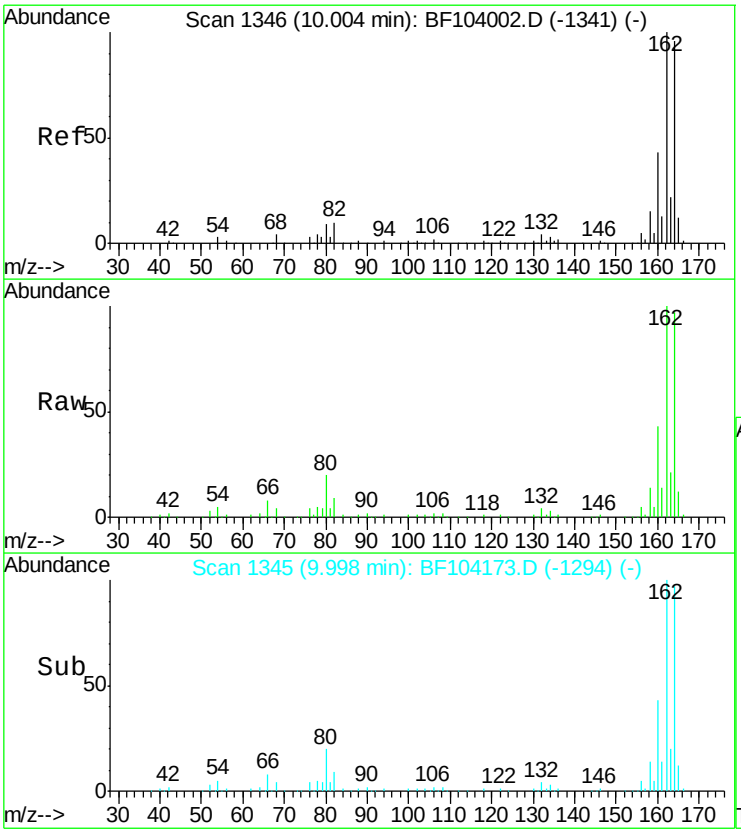
#33
4-Chloroaniline
Concen: 22.963 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 152605

Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

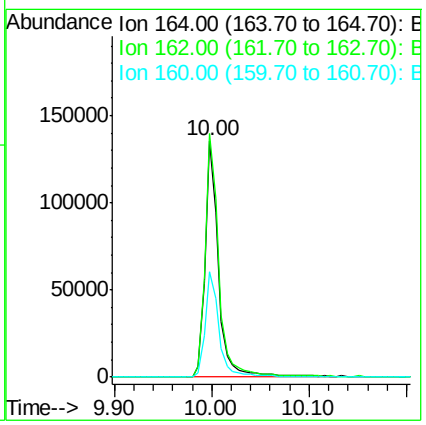


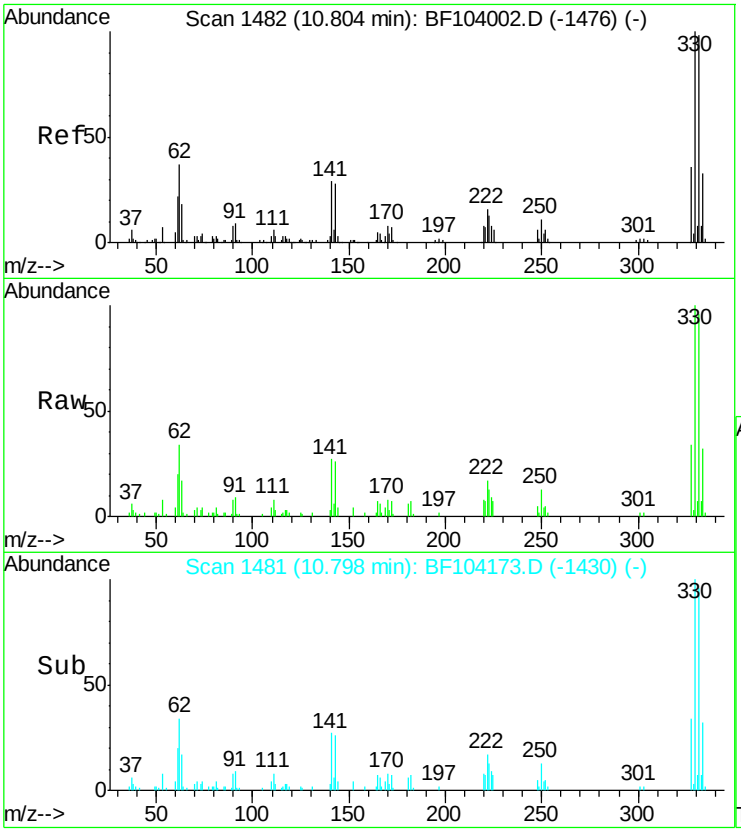


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:164 Resp: 129736

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5



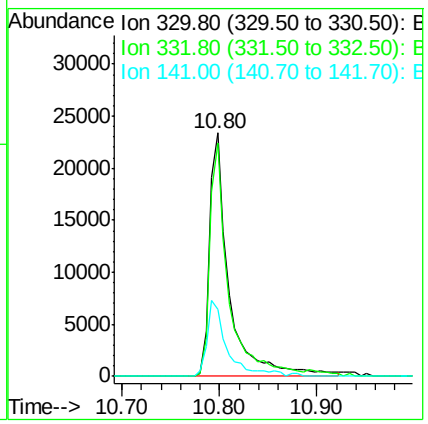


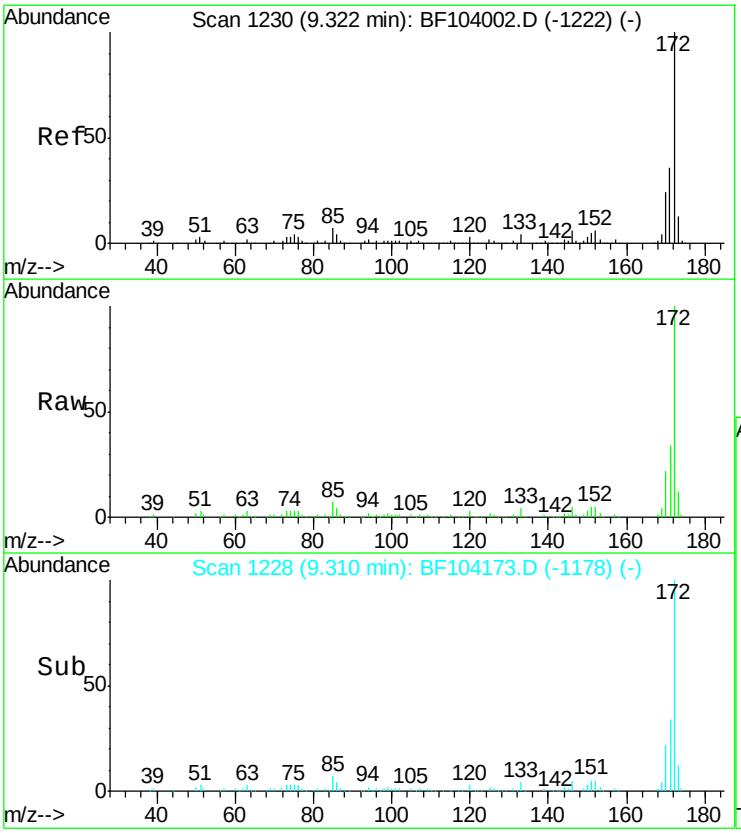
#41
2,4,6-Tribromophenol
Concen: 22.577 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32615

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.0	115.6
141	31.3	29.9	44.9

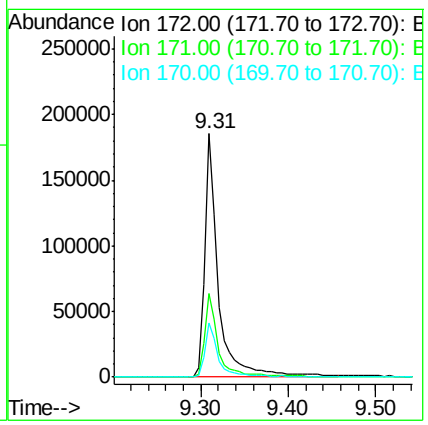


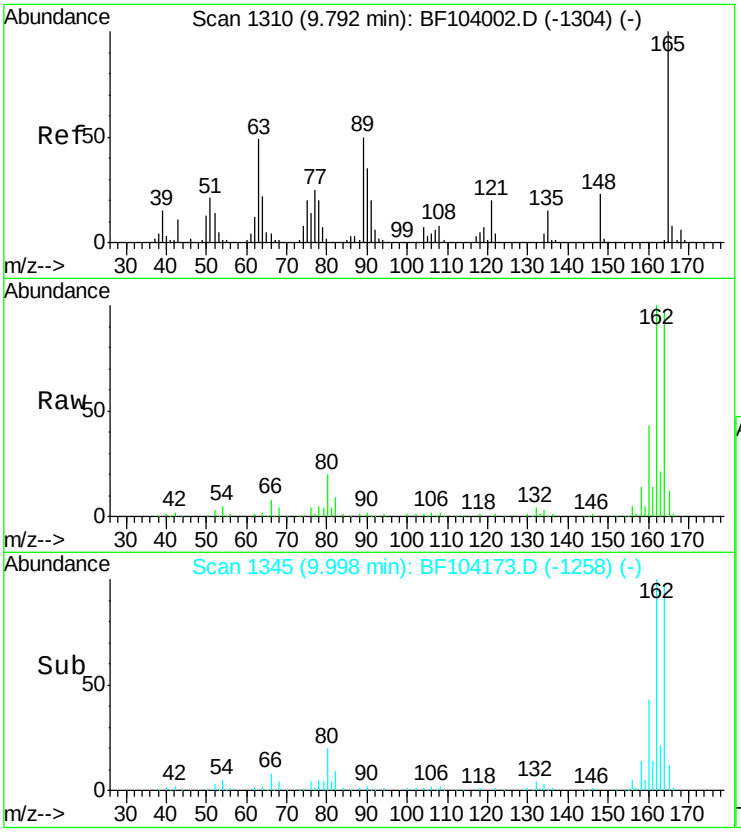


#44
2-Fluorobiphenyl
Concen: 24.570 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:172 Resp: 202143

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.3	19.6	29.4



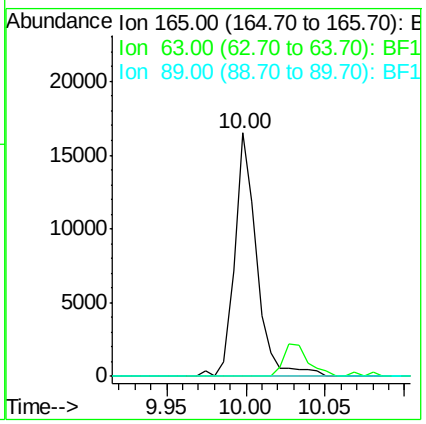


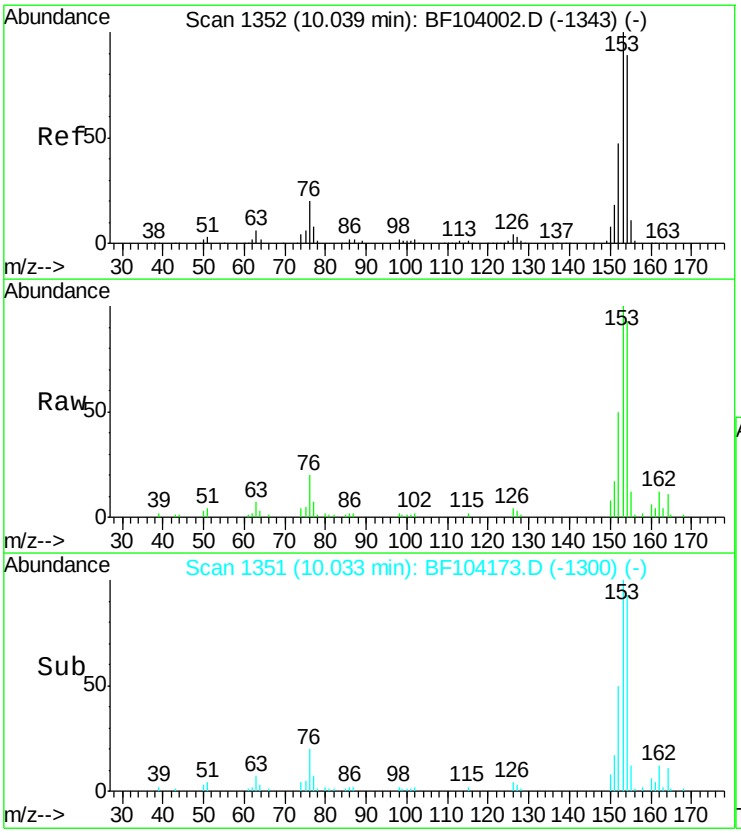
#50
2,6-Dinitrotoluene
Concen: 7.199 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15865

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

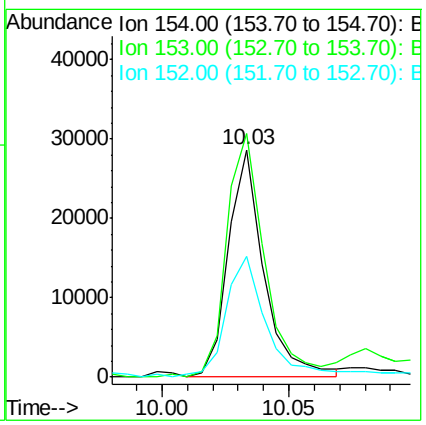


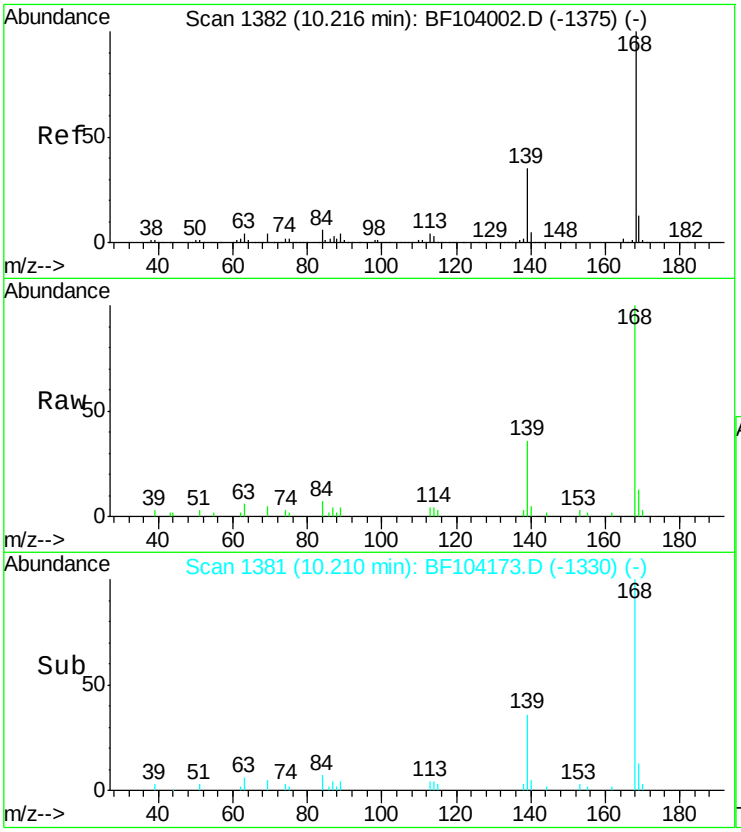


#51
Acenaphthene
Concen: 3.639 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:154 Resp: 28008

Ion	Ratio	Lower	Upper
154	100		
153	107.1	91.2	136.8
152	53.1	43.8	65.8



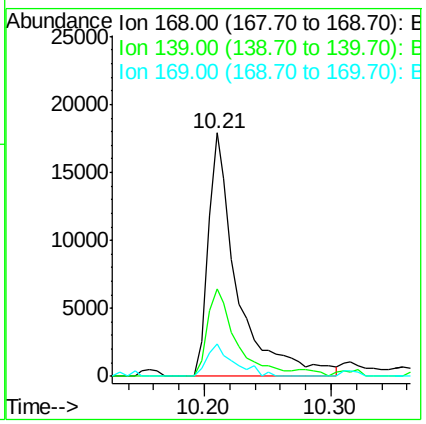


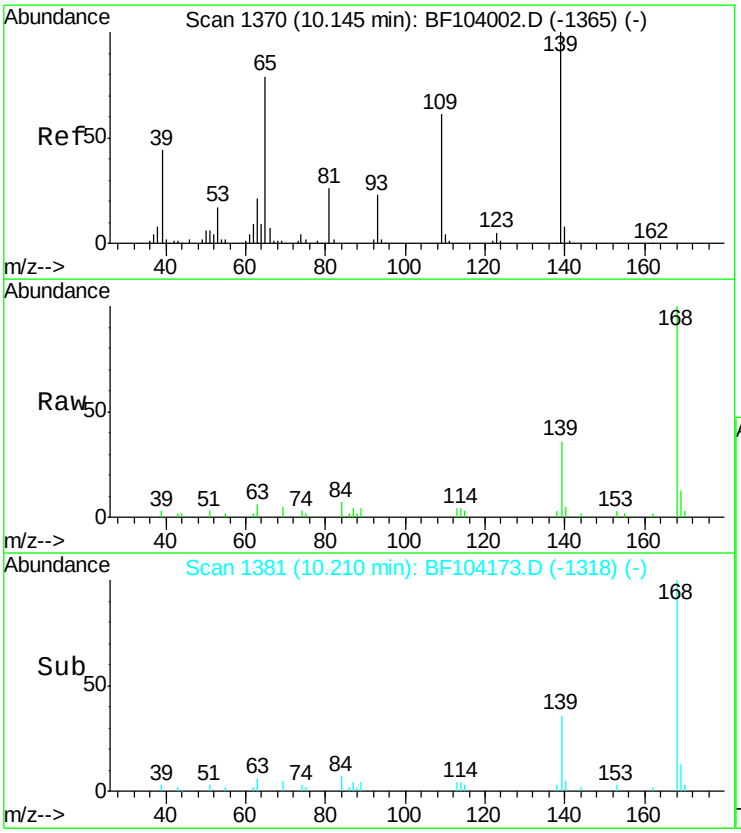
#54
Dibenzofuran
Concen: 2.542 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 28578

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	13.1	10.9	16.3

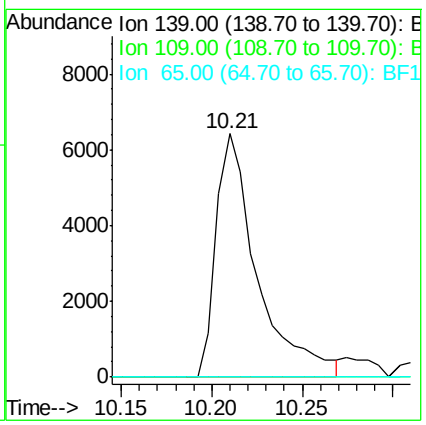


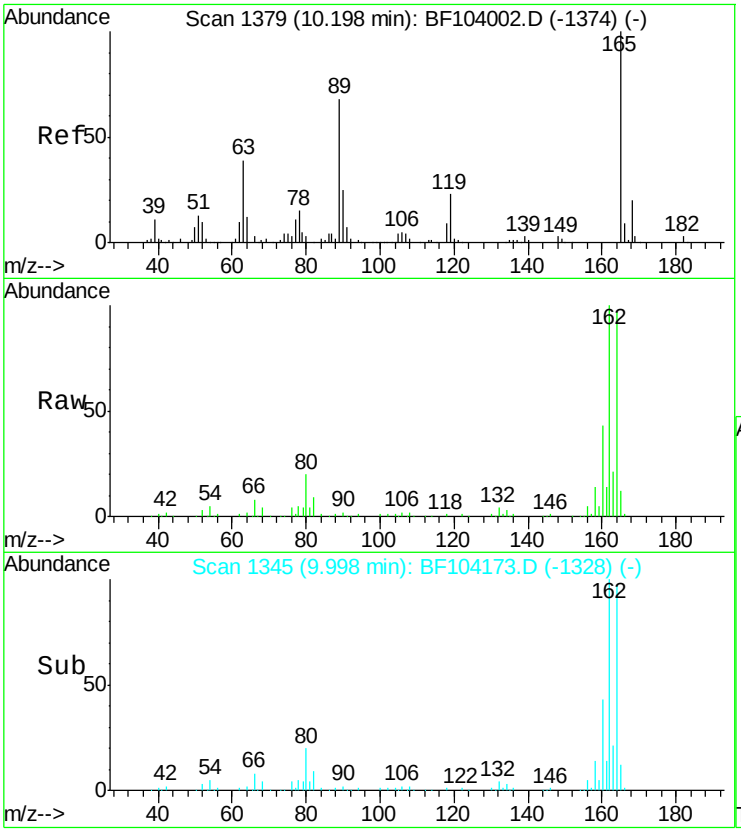


#55
4-Nitrophenol
Concen: 6.674 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.07 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:139 Resp: 10137

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



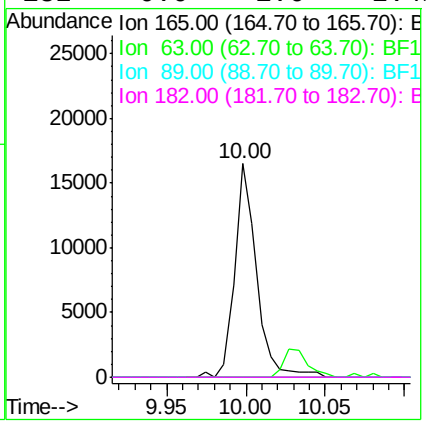


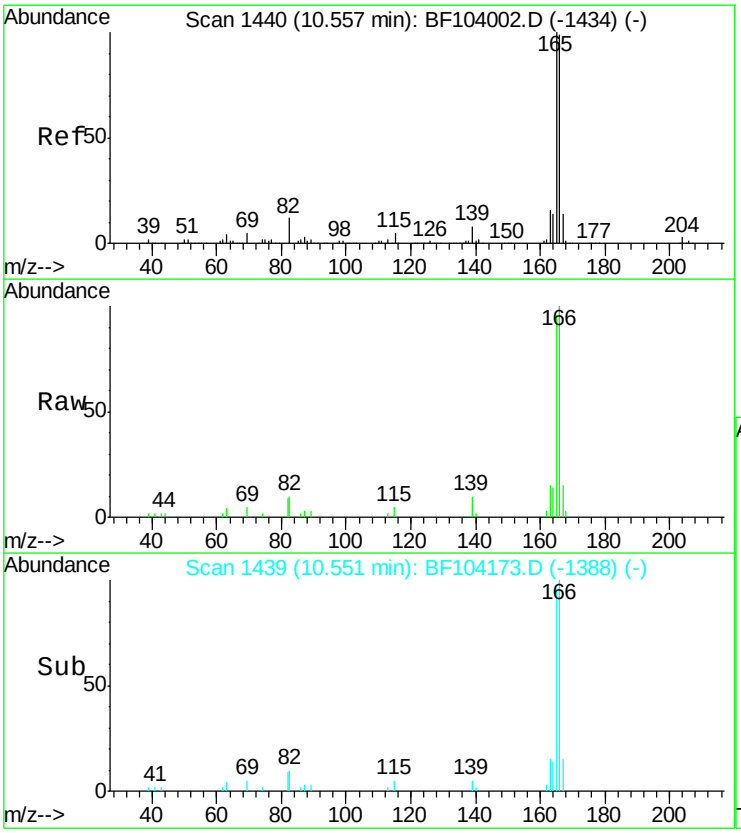
#56
2,4-Dinitrotoluene
Concen: 5.642 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15865

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#

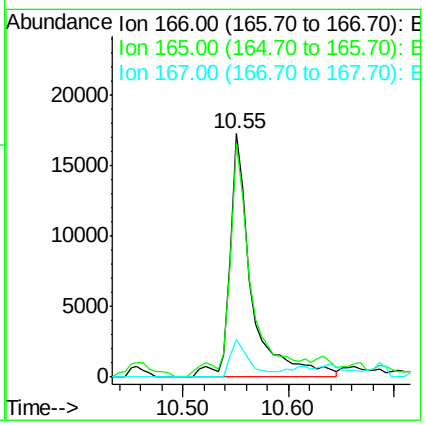


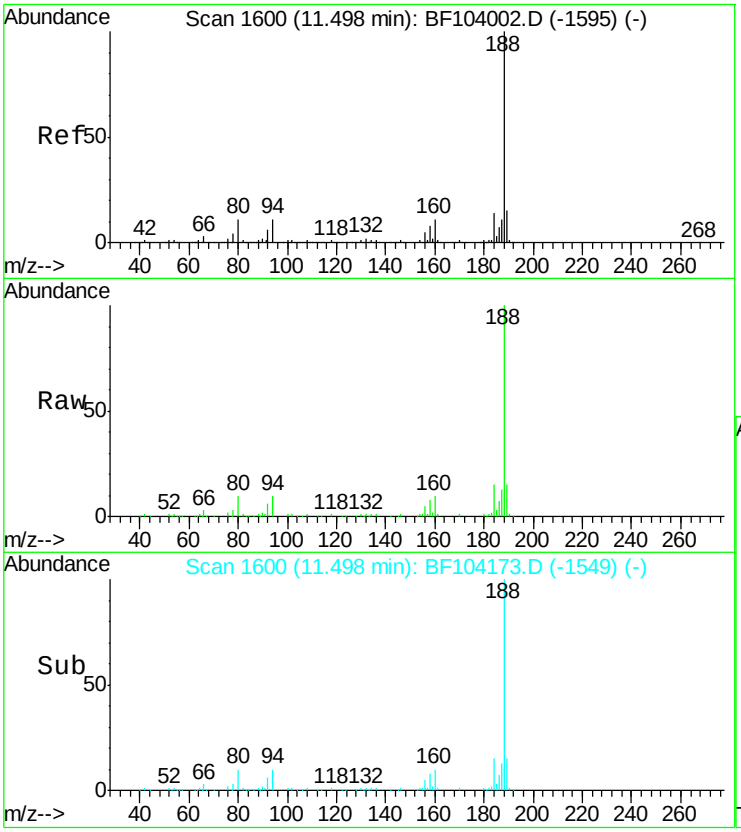


#57
Fluorene
Concen: 2.599 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:166 Resp: 24098

Ion	Ratio	Lower	Upper
166	100		
165	95.7	79.8	119.8
167	15.4	10.6	16.0



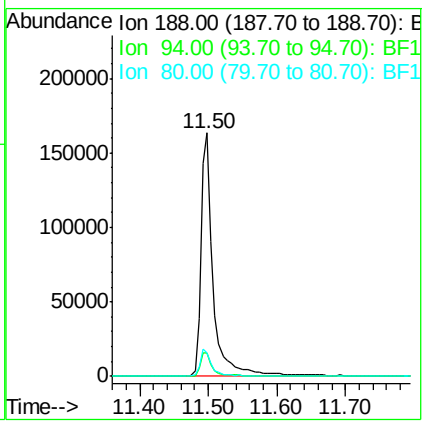


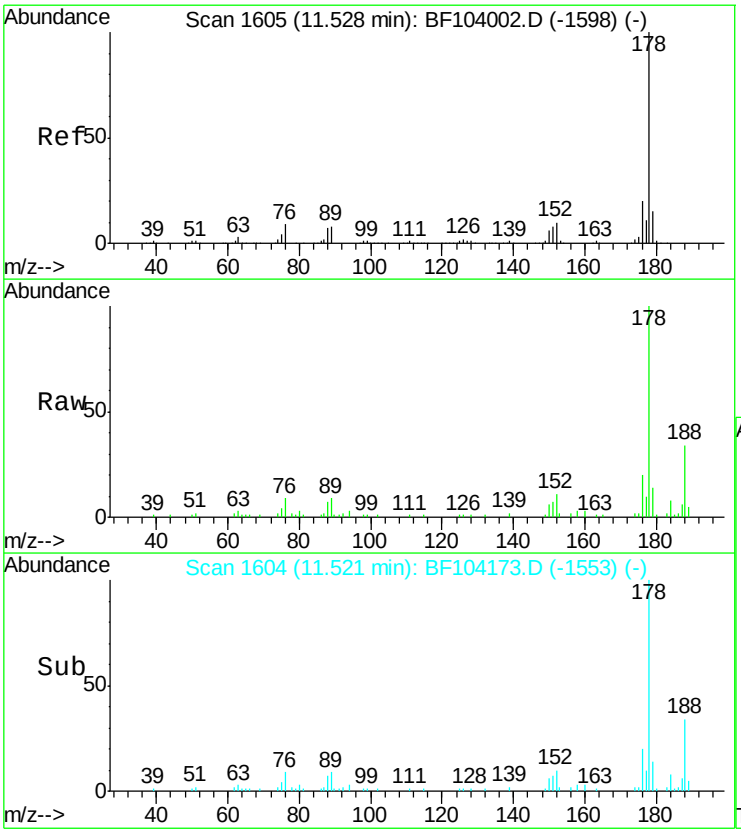
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 206912

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8

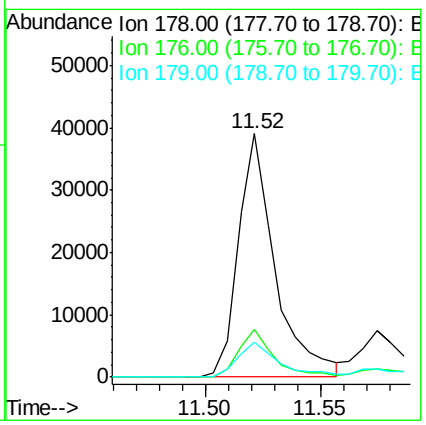


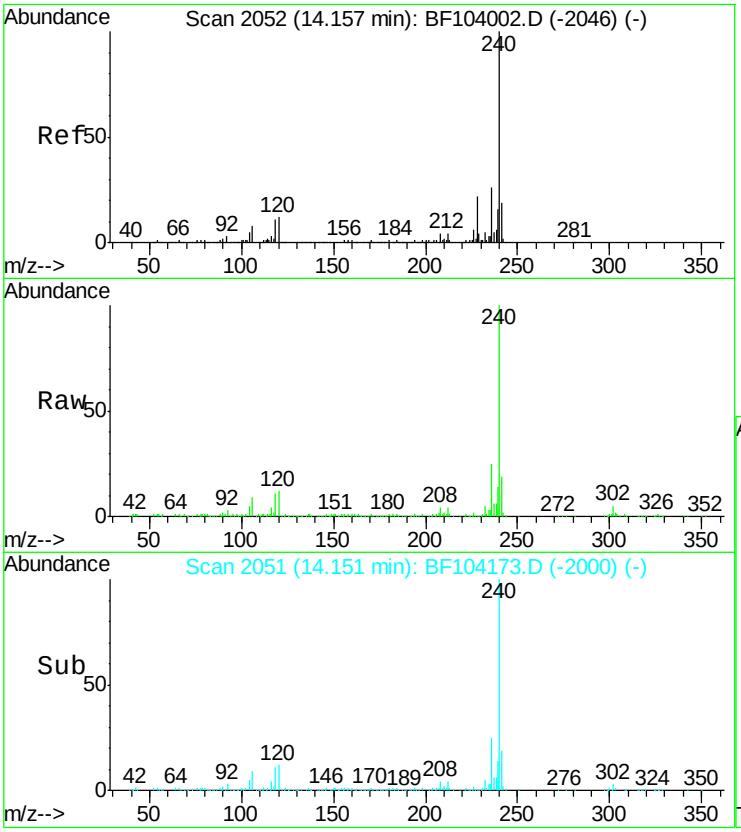


#70
Phenanthrene
Concen: 3.862 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:178 Resp: 43265

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.4	13.0	19.6



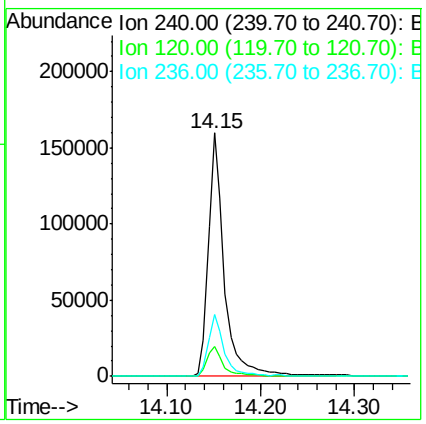


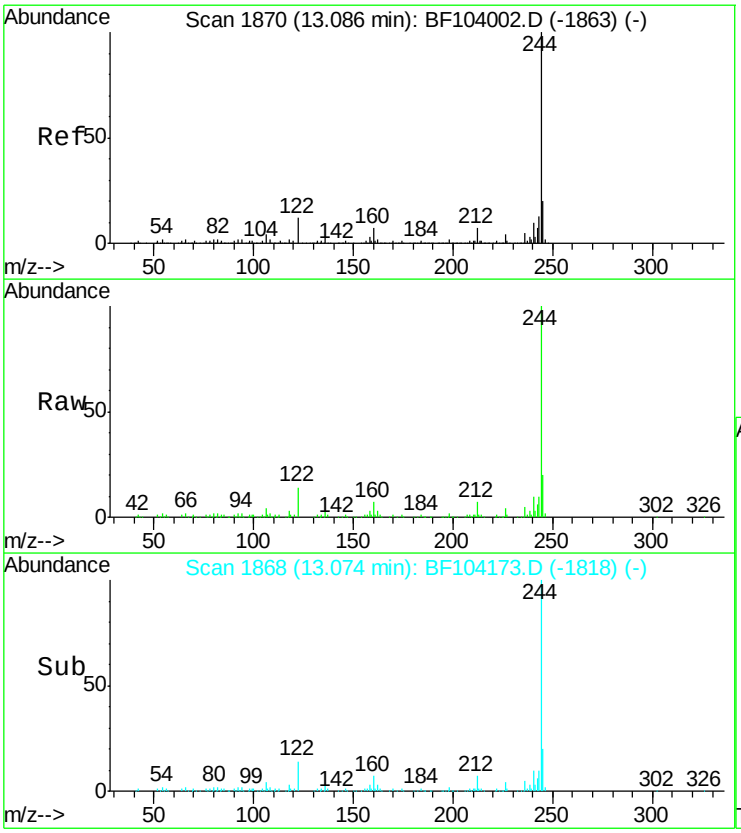
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 192873

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.2	20.7	31.1

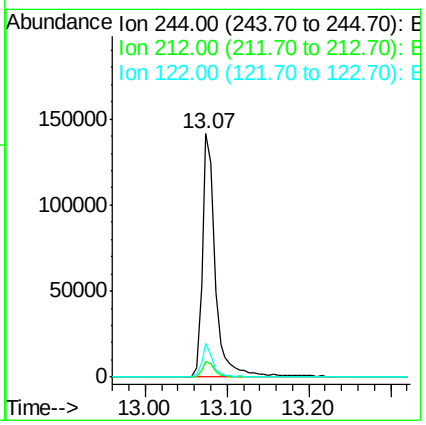


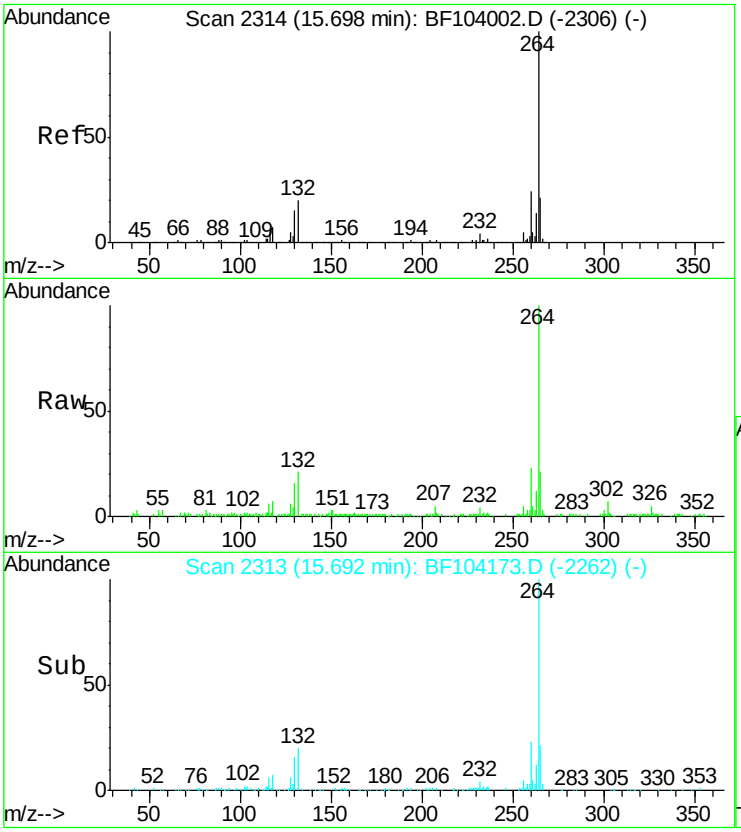


#78
Terphenyl-d14
Concen: 18.835 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion:244 Resp: 157337

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 127738

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.2	17.5	26.3