Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103750.D
Acq On : 19 Mar 2018 12:10
Operator : JU/SJ
Sample : J1938-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-3

Quant Time: Mar 19 13:25:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176533	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	710967	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	338135	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	614982	20.00	ng		0.00
75) Chrysene-d12	14.16	240	575612	20.00	ng		0.00
86) Perylene-d12	15.69	264	491661	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1345199	115.90	ng		0.02
7) Phenol-d6	6.60	99	1488588	104.83	ng		0.00
23) Nitrobenzene-d5	7.53	82	1144935	112.30	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	448678	154.33	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1807329	85.26	ng		0.00
78) Terphenyl-d14	13.10	244	1966445	79.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	30513	3.271	ng		84
19) n-Nitroso-di-n-propylamine	7.53	70	151179	16.613	ng	#	74
25) Isophorone	7.53	82	1144926	48.512	ng	#	64
32) Benzoic acid	7.93	122	1737	10.098	ng		92
47) 2-Nitroaniline	9.33	65	2959	7.248	ng	#	1
50) 2,6-Dinitrotoluene	10.01	165	42534	11.799	ng	#	25
55) 4-Nitrophenol	10.22	139	3036	5.573	ng	#	9
56) 2,4-Dinitrotoluene	10.01	165	42534	12.070	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	896	8.553	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	27030	4.281	ng	#	1

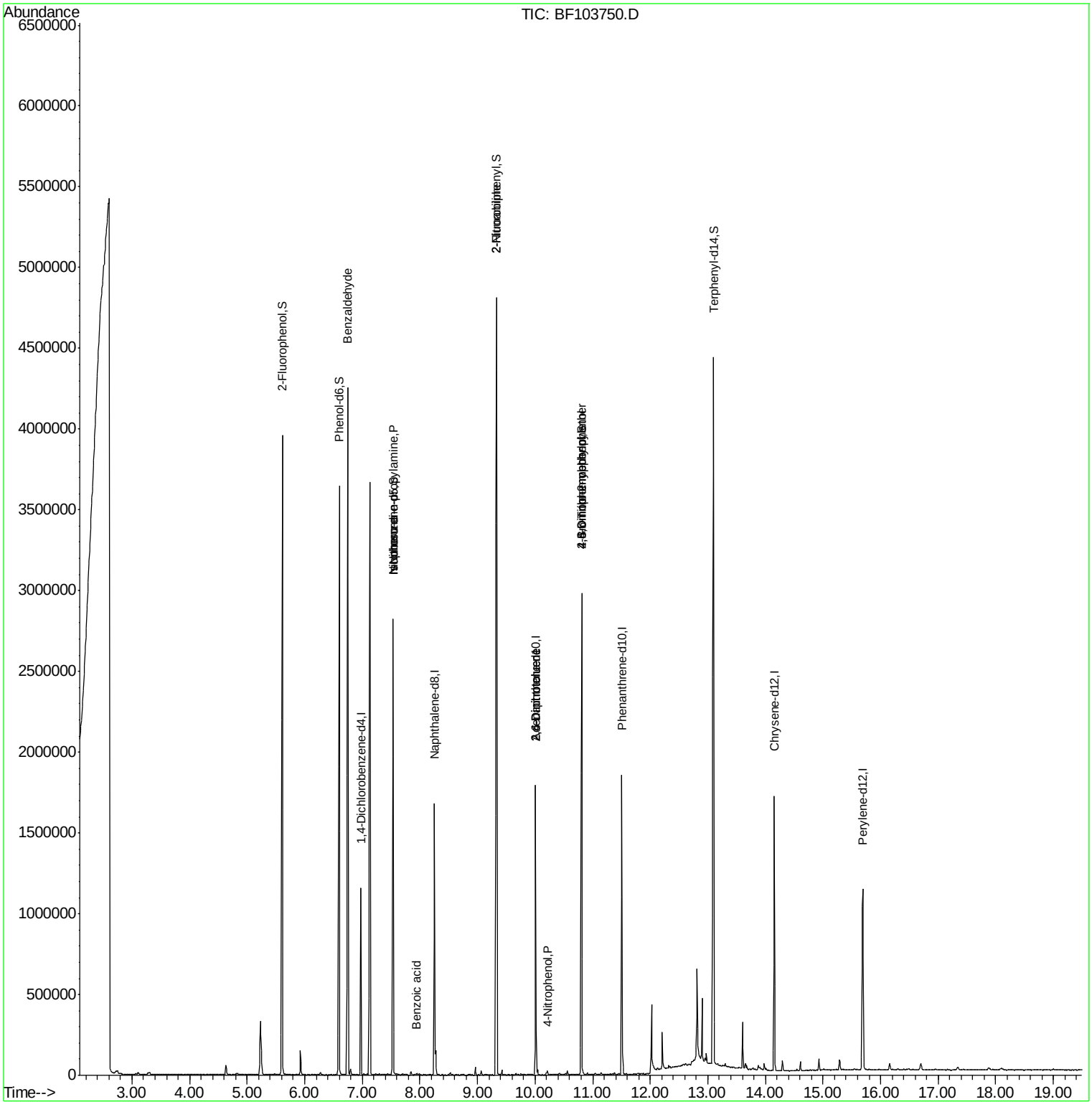
(#) = qualifier out of range (m) = manual integration (+) = signals summed

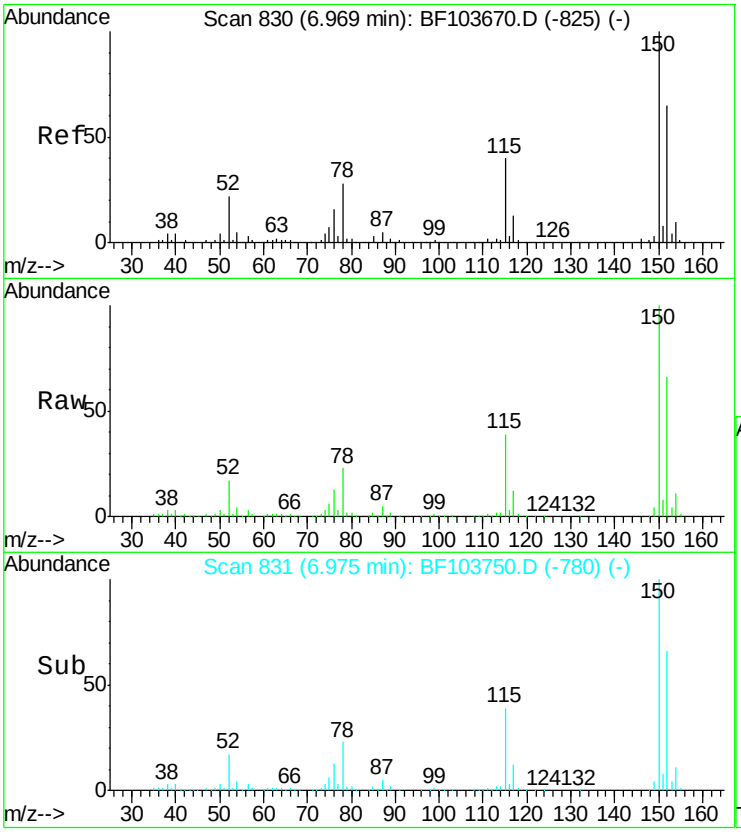
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103750.D
Acq On : 19 Mar 2018 12:10
Operator : JU/SJ
Sample : J1938-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-3

Quant Time: Mar 19 13:25:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration



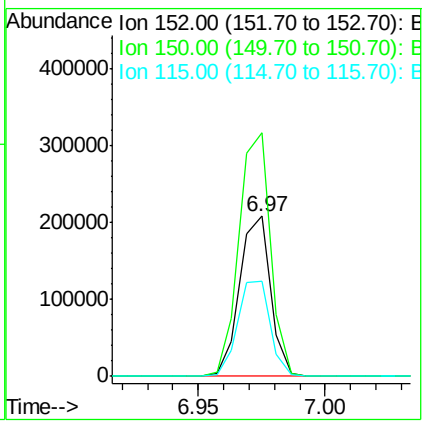


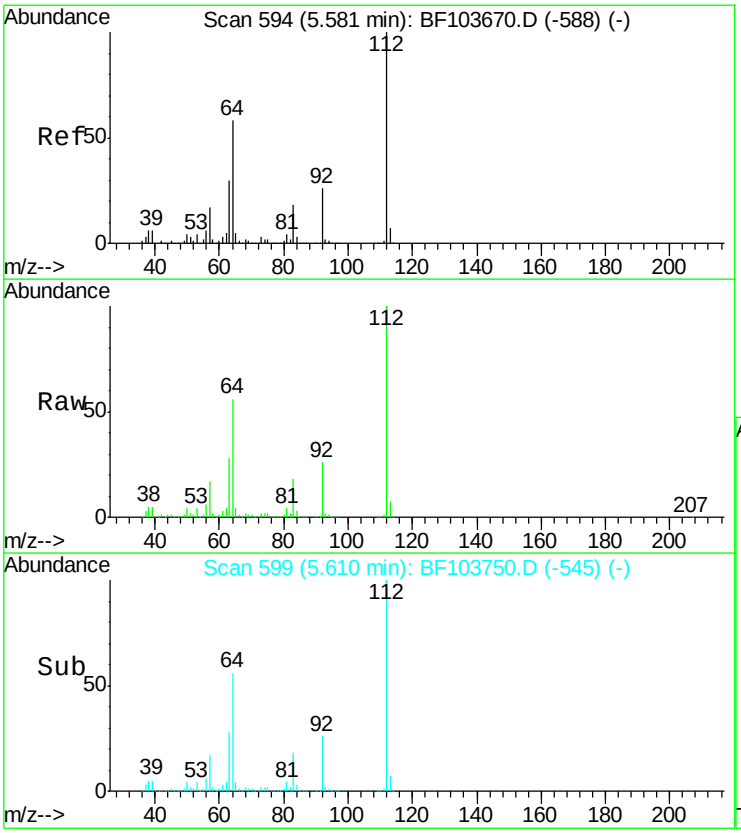
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:152 Resp: 176533

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	59.5	50.1	75.1

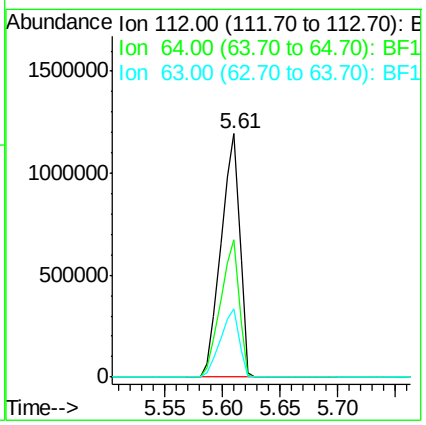


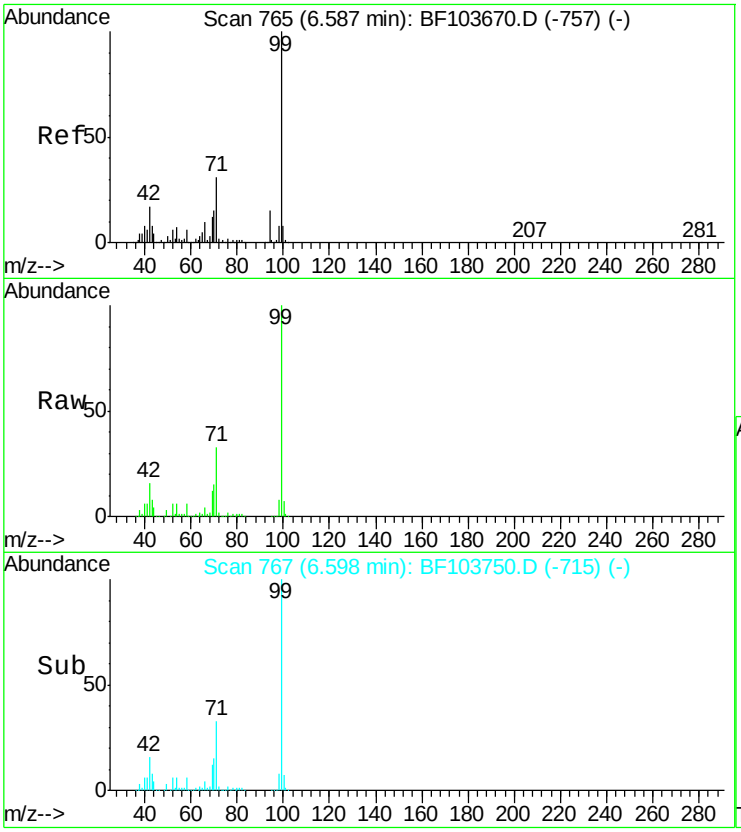


#5
2-Fluorophenol
Concen: 115.901 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:112 Resp: 1345199

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.2	23.7	35.5



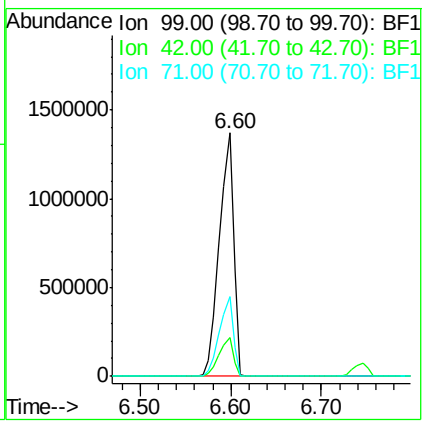


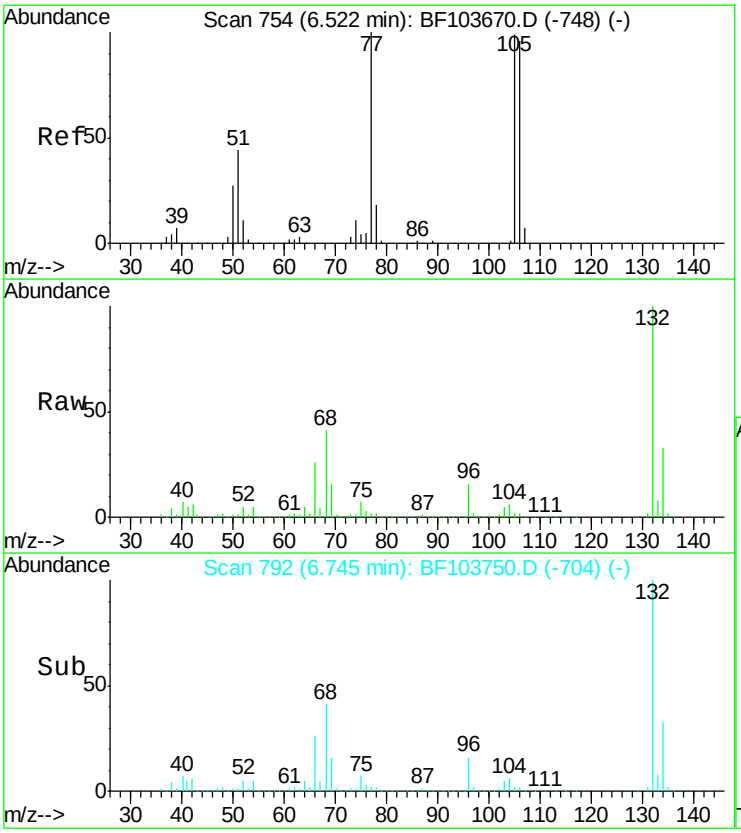
#7
Phenol-d6
Concen: 104.833 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 99 Resp: 1488588

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.8	25.4	38.0

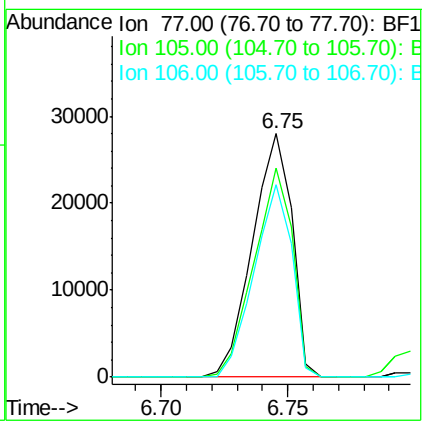


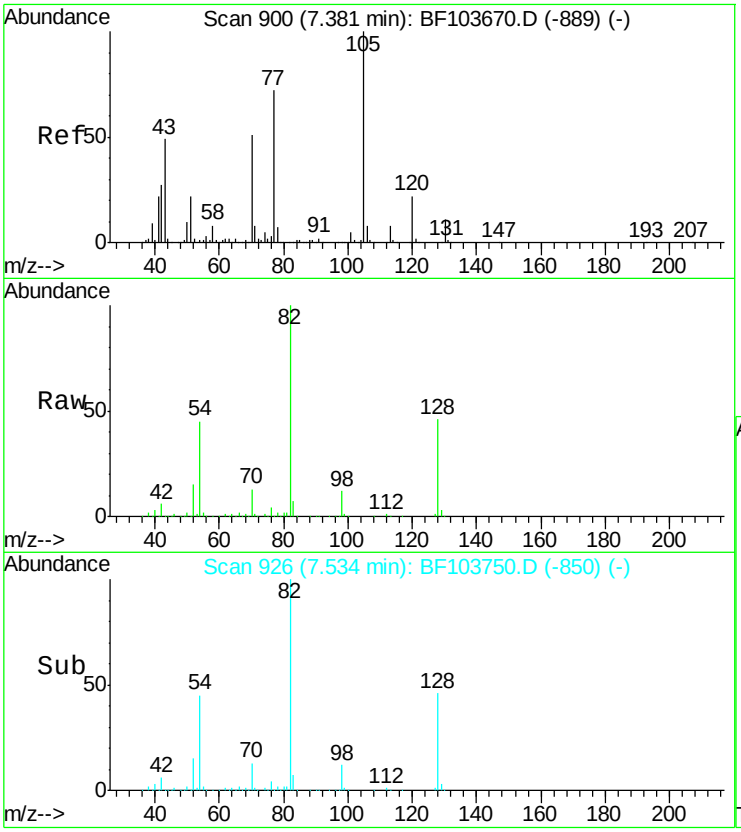


#9
Benzaldehyde
Concen: 3.271 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion: 77 Resp: 30513

Ion	Ratio	Lower	Upper
77	100		
105	85.8	81.1	121.1
106	78.8	74.5	114.5



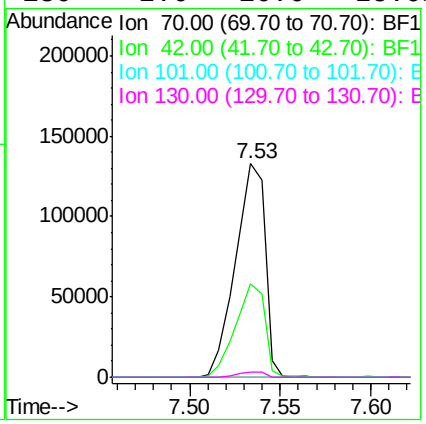


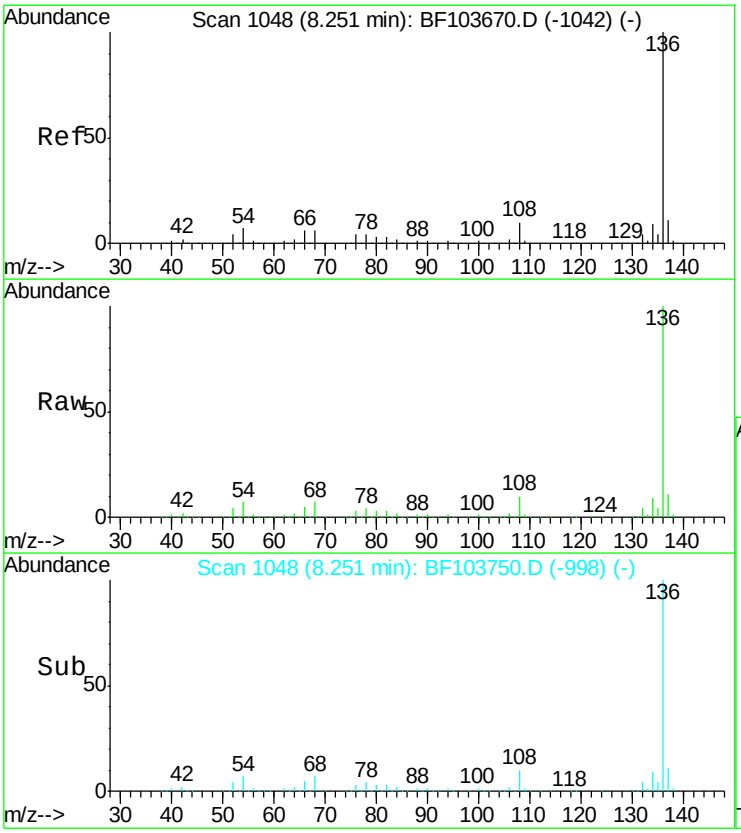
#19
n-Nitroso-di-n-propylamine
Concen: 16.613 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 70 Resp: 151179

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

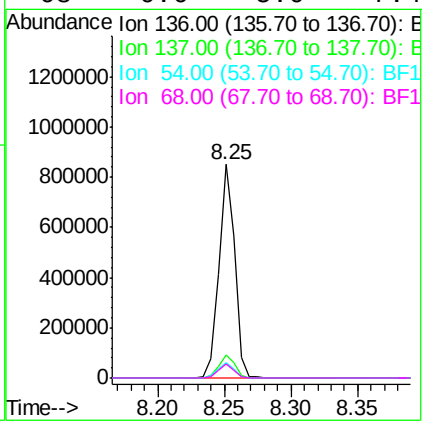


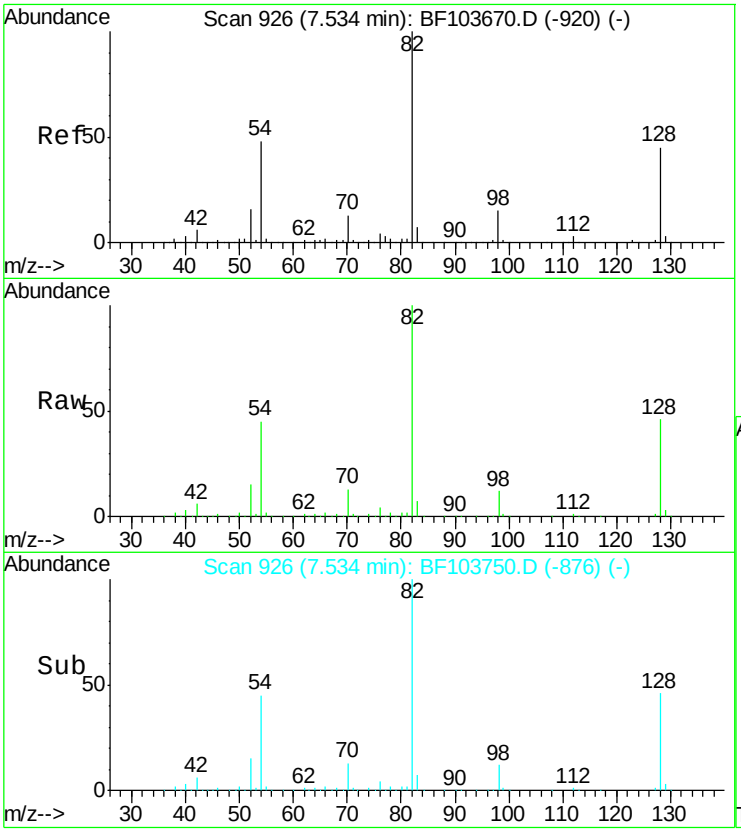


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:136 Resp: 710967

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



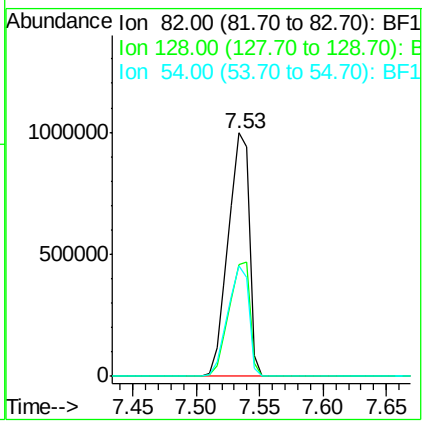


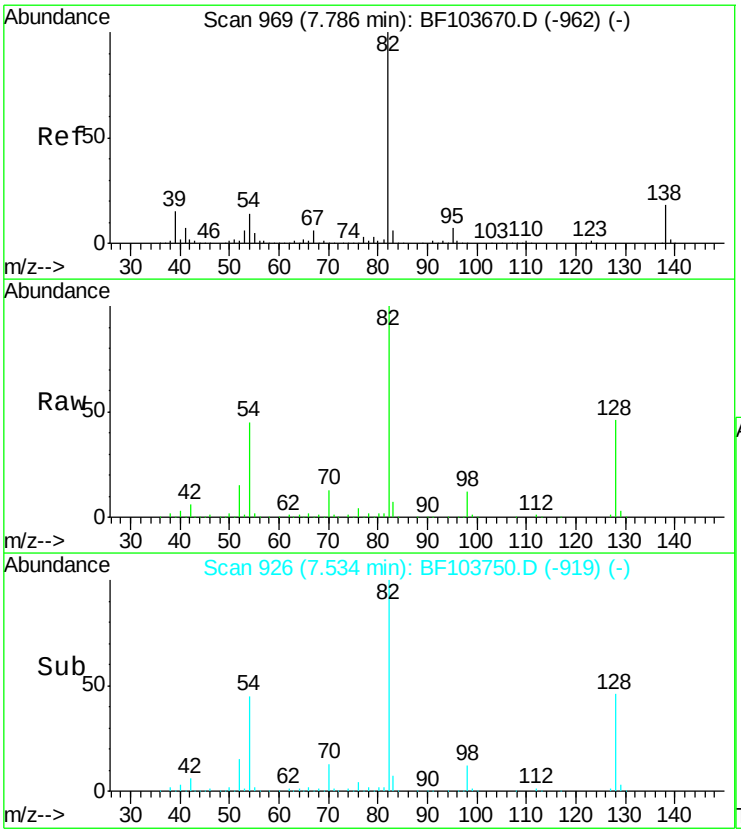
#23
Nitrobenzene-d5
Concen: 112.302 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 82 Resp: 1144935

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.2	41.4	62.2

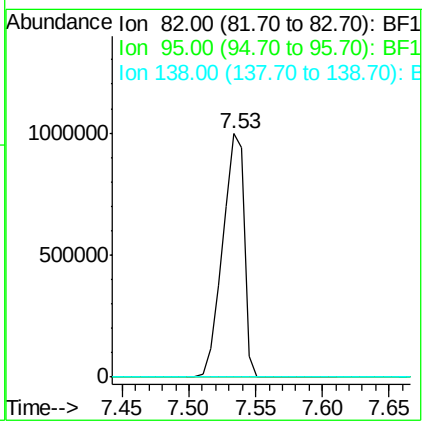


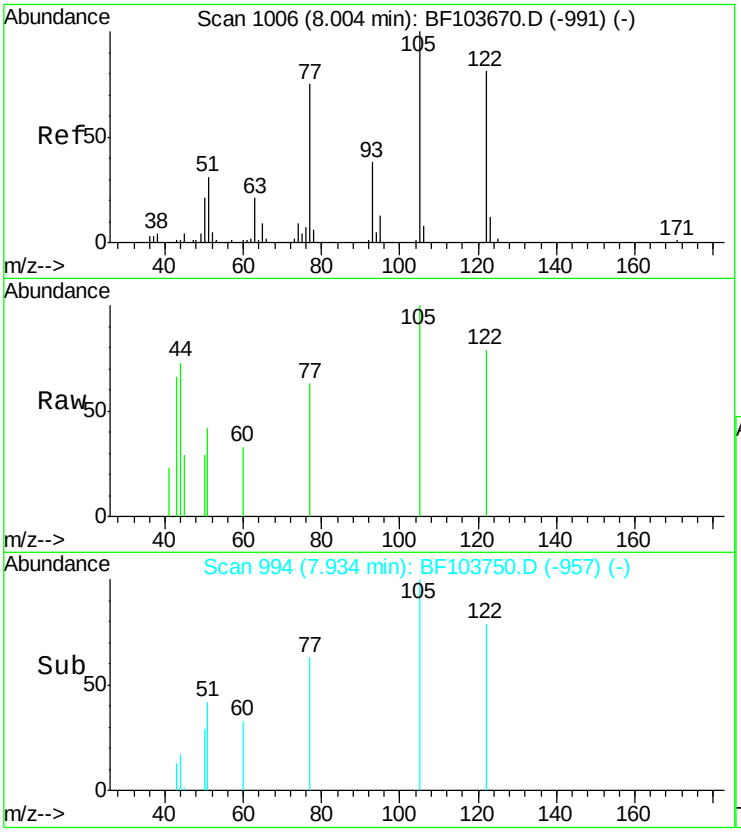


#25
Isophorone
Concen: 48.512 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion: 82 Resp: 1144926

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



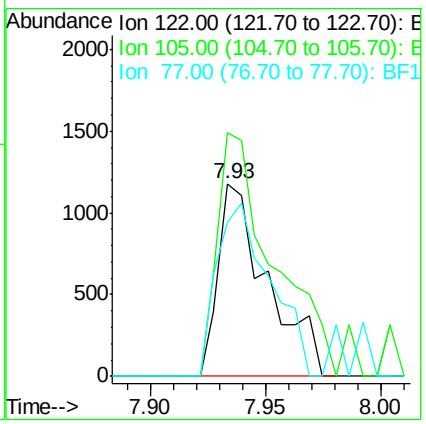


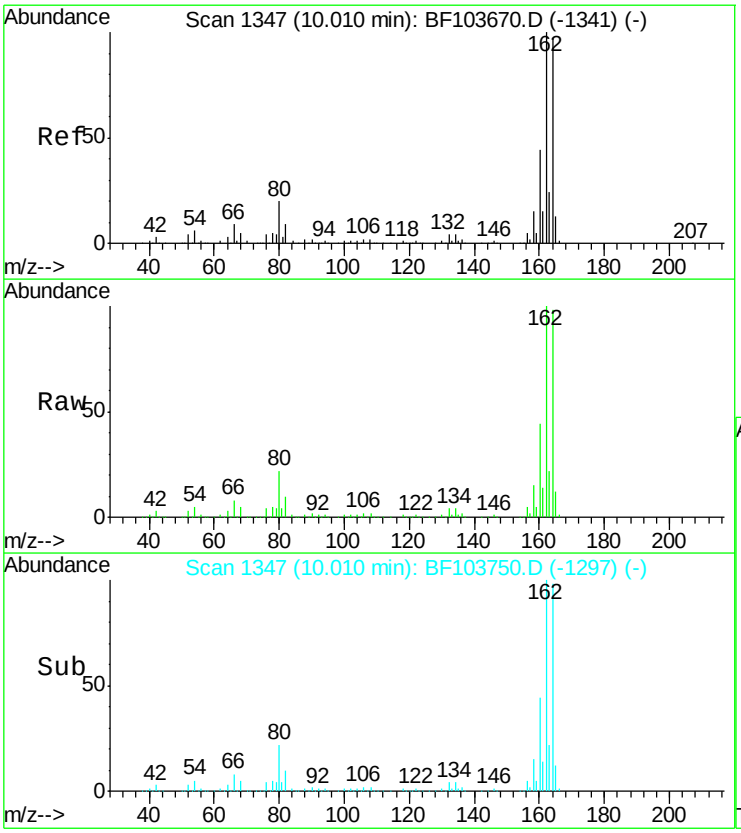
#32
Benzoic acid
Concen: 10.098 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.08 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:122 Resp: 1737

Ion	Ratio	Lower	Upper
122	100		
105	126.4	101.1	141.1
77	80.0	70.7	110.7

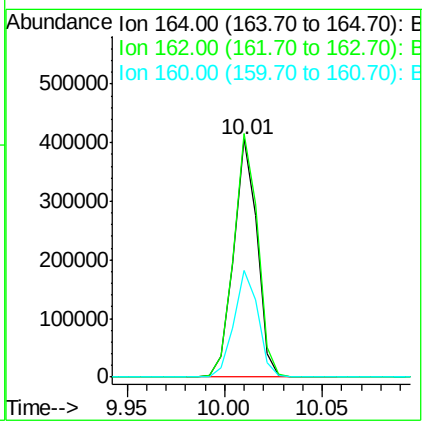


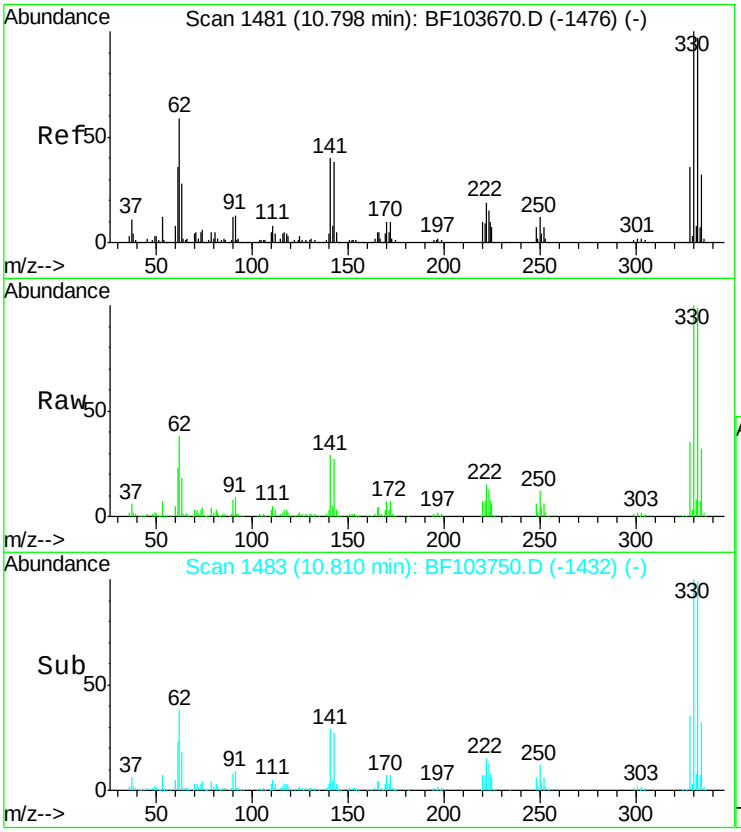


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:164 Resp: 338135

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.0	38.3	57.5



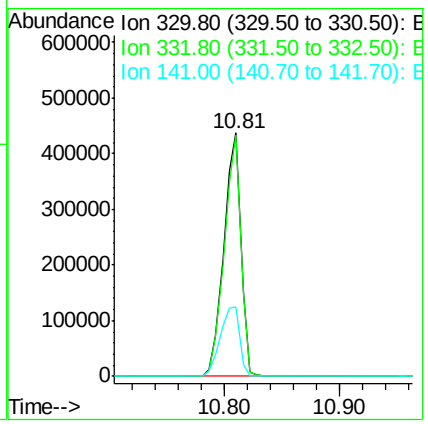


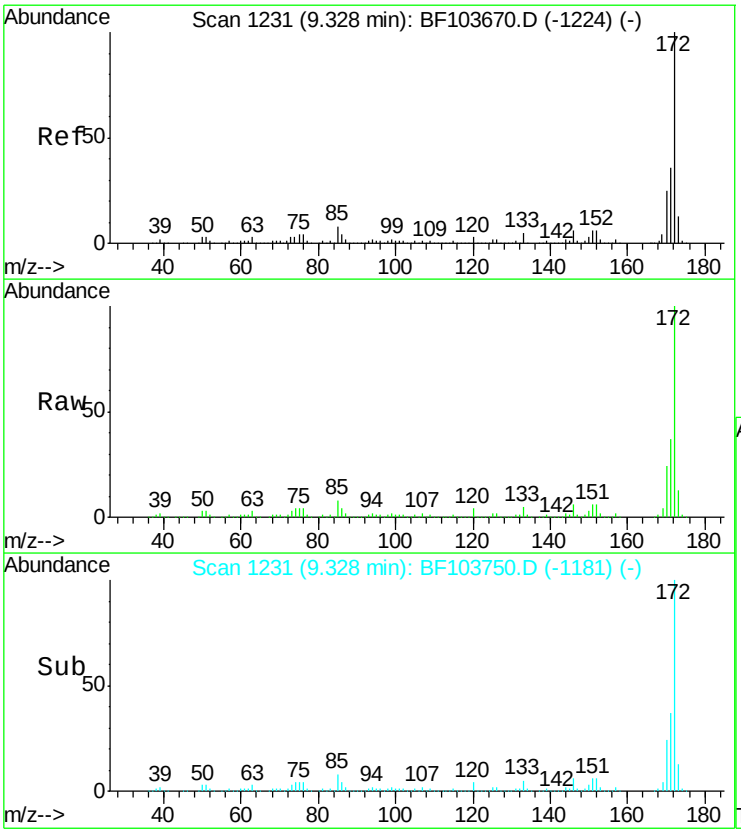
#41
2,4,6-Tribromophenol
Concen: 154.328 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:330 Resp: 448678

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.5	29.9	44.9

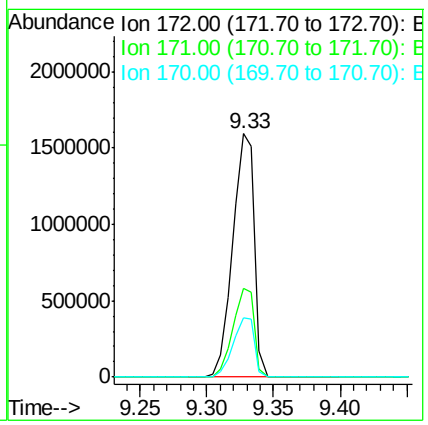


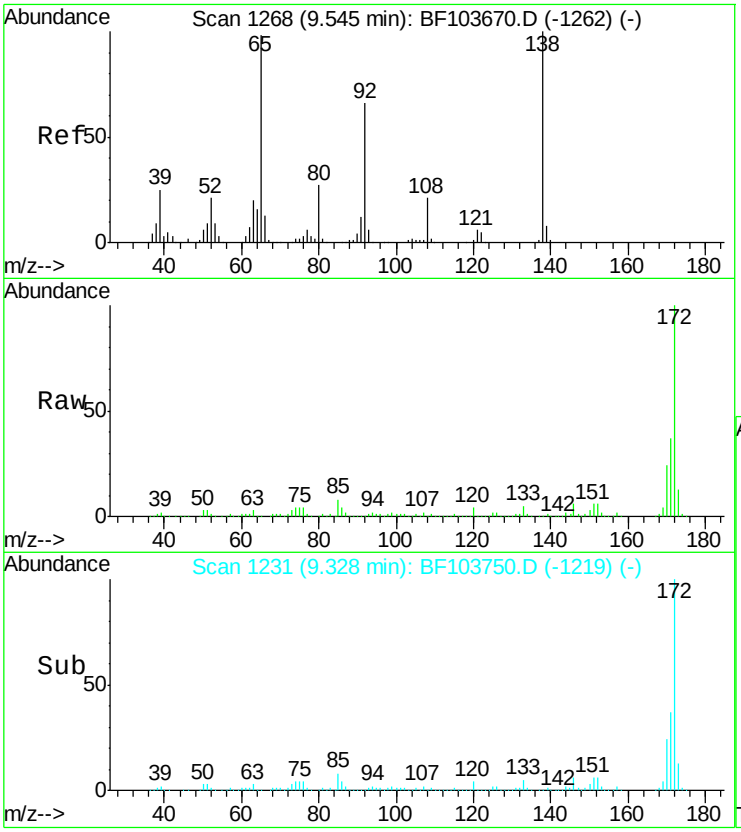


#44
2-Fluorobiphenyl
Concen: 85.261 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:172 Resp: 1807329

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



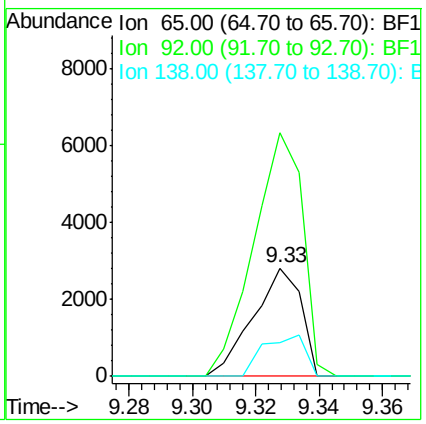


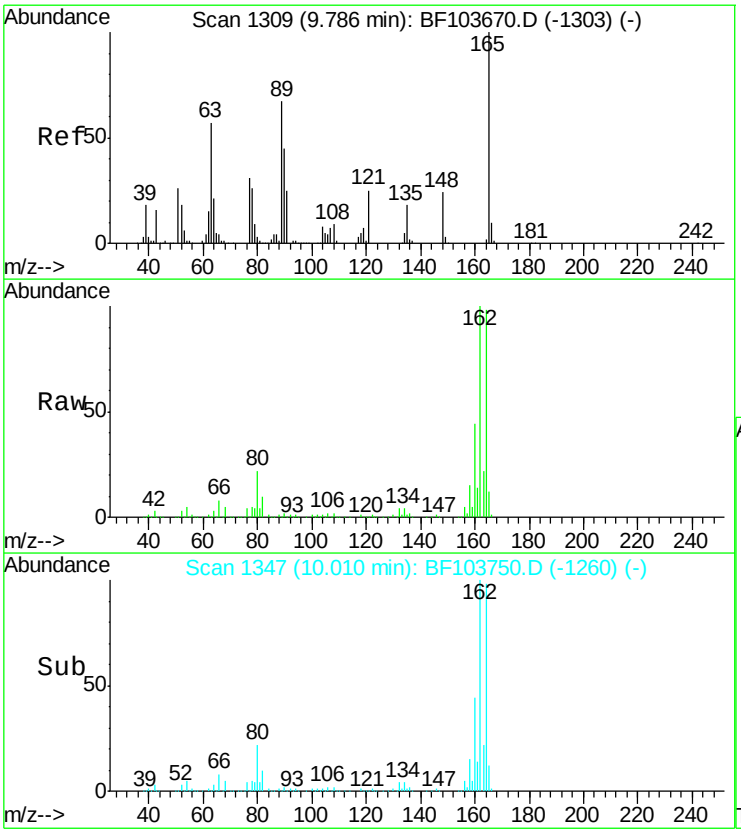
#47
2-Nitroaniline
Concen: 7.248 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 65 Resp: 2959

Ion	Ratio	Lower	Upper
65	100		
92	225.1	55.8	83.6#
138	30.6	91.2	136.8#

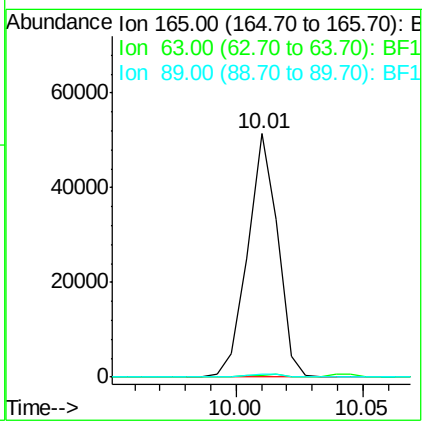


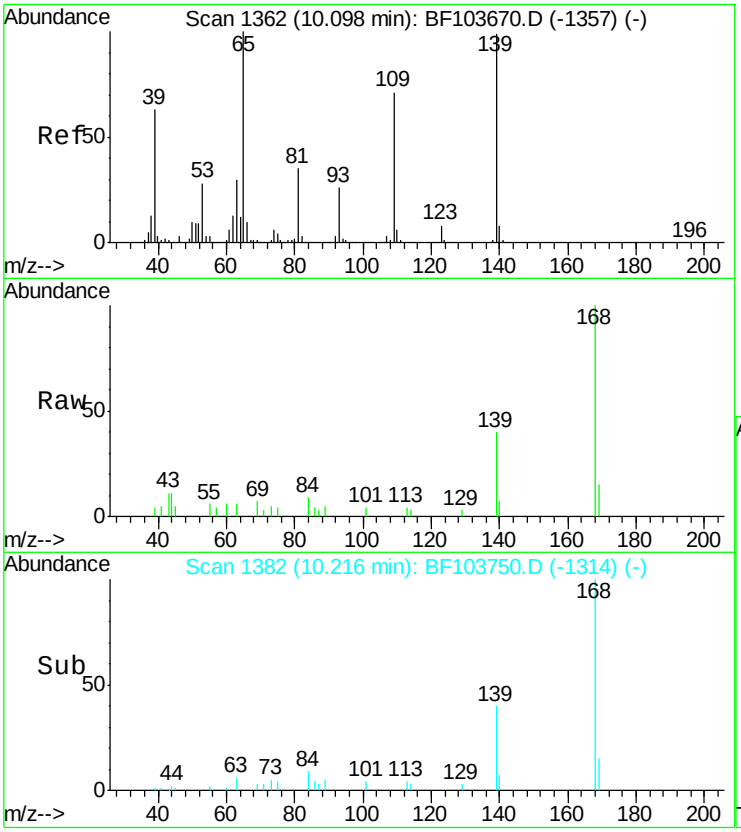


#50
2,6-Dinitrotoluene
Concen: 11.799 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:165 Resp: 42534

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.2	44.0	66.0#



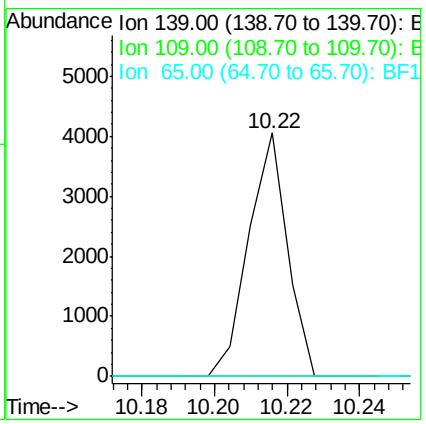


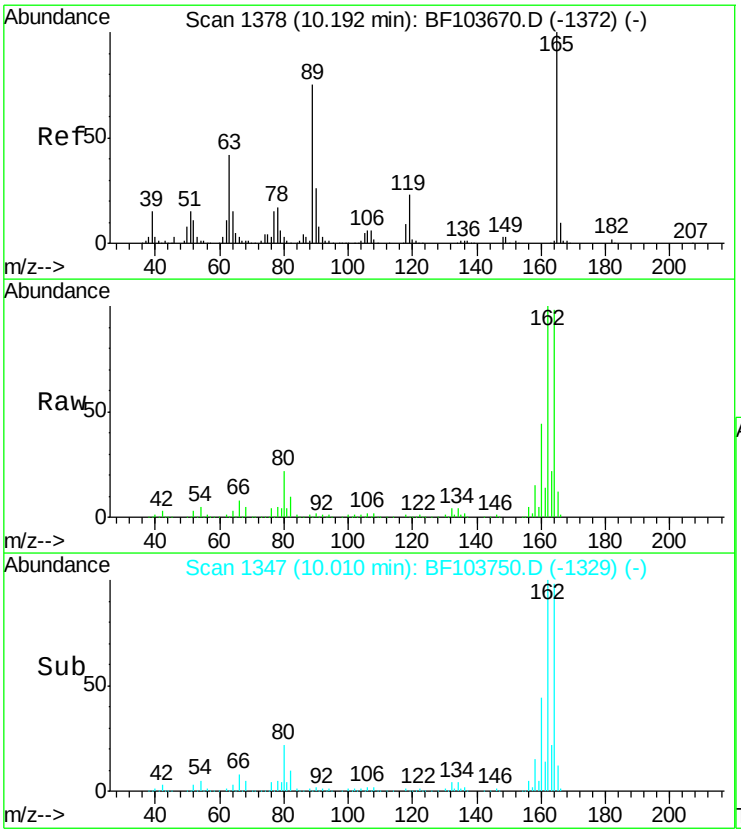
#55
4-Nitrophenol
Concen: 5.573 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.10 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:139 Resp: 3036

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

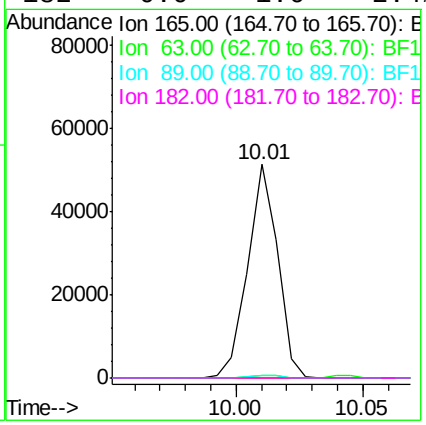


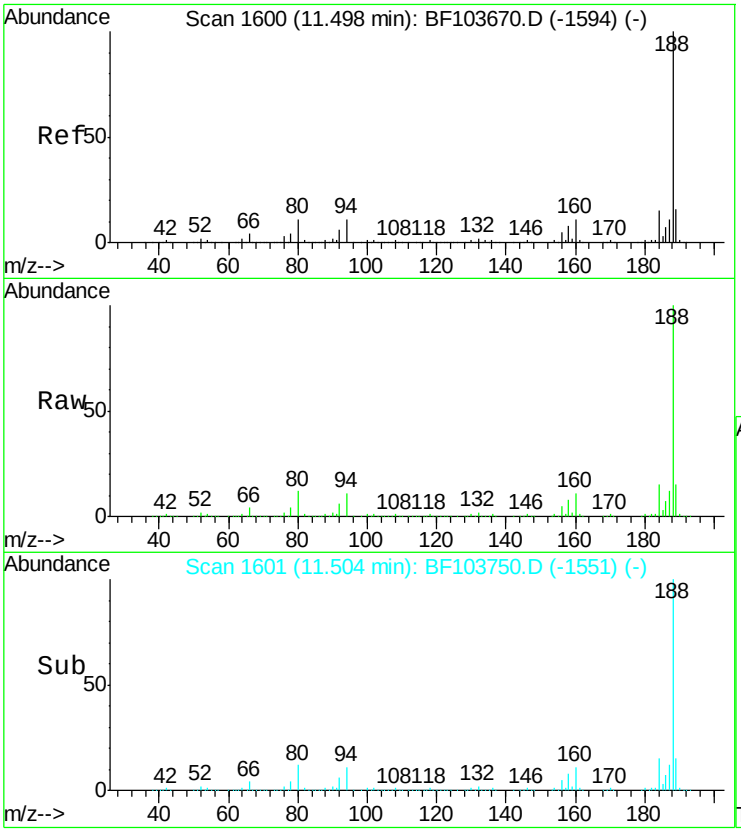


#56
2,4-Dinitrotoluene
Concen: 12.070 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:165 Resp: 42534

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



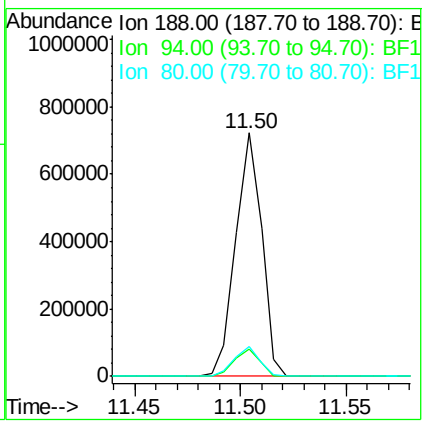


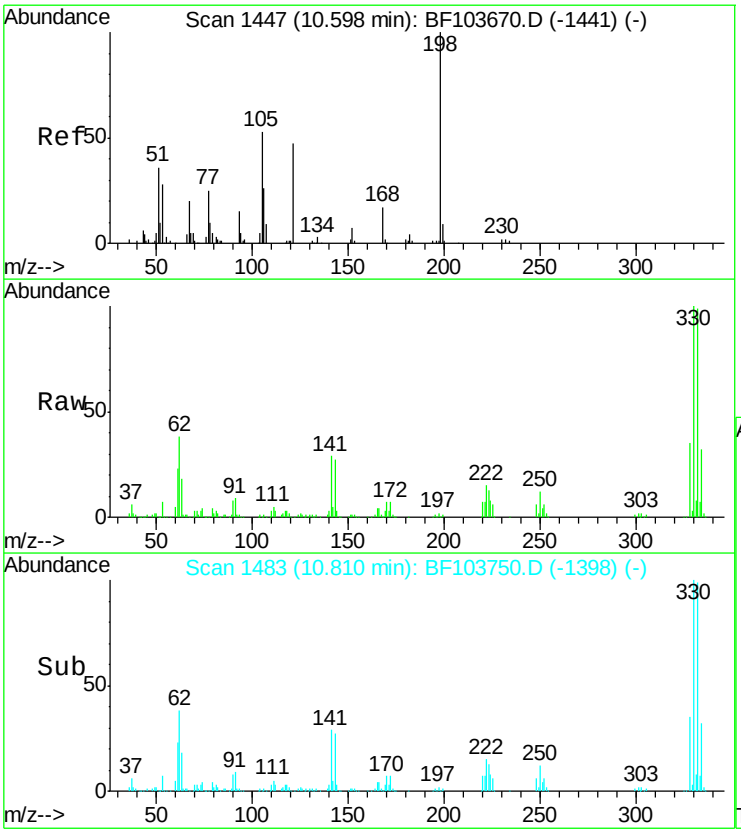
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:188 Resp: 614982

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8

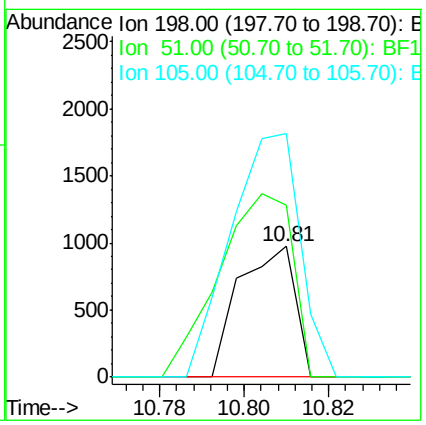


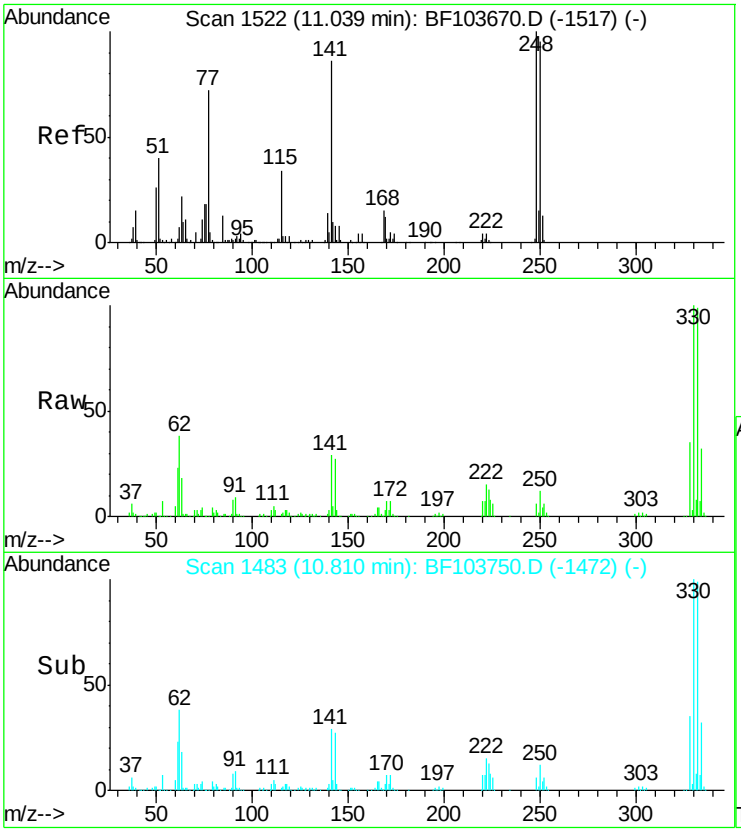


#64
4,6-Dinitro-2-methylphenol
Concen: 8.553 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.20 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:198 Resp: 896

Ion	Ratio	Lower	Upper
198	100		
51	131.7	37.7	77.7#
105	186.6	36.3	76.3#



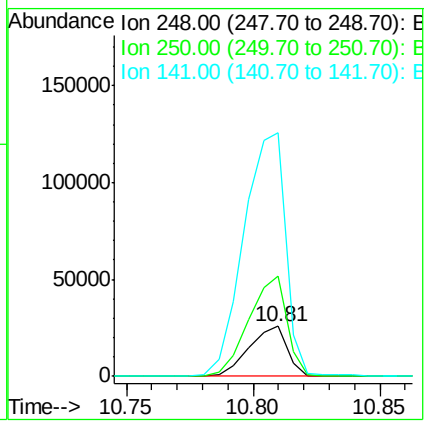


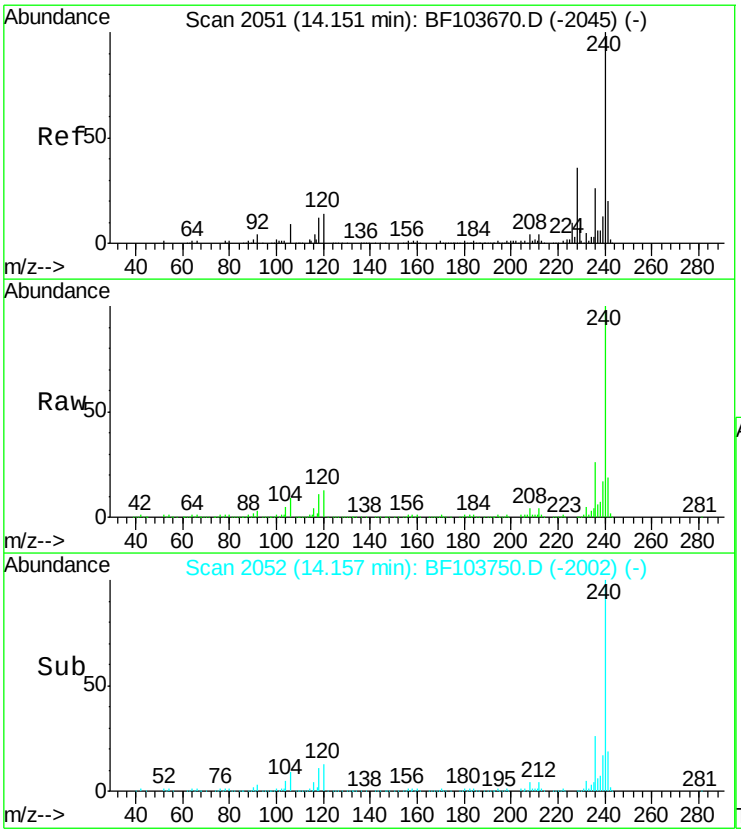
#66
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:248 Resp: 27030

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	484.9	74.4	111.6#

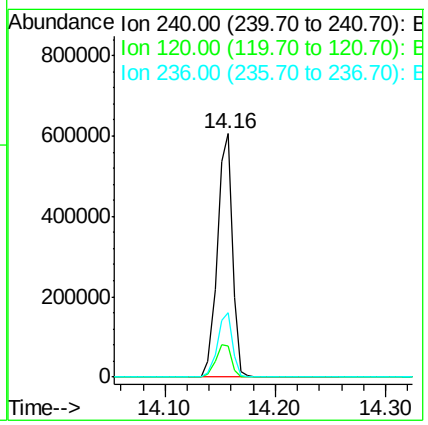


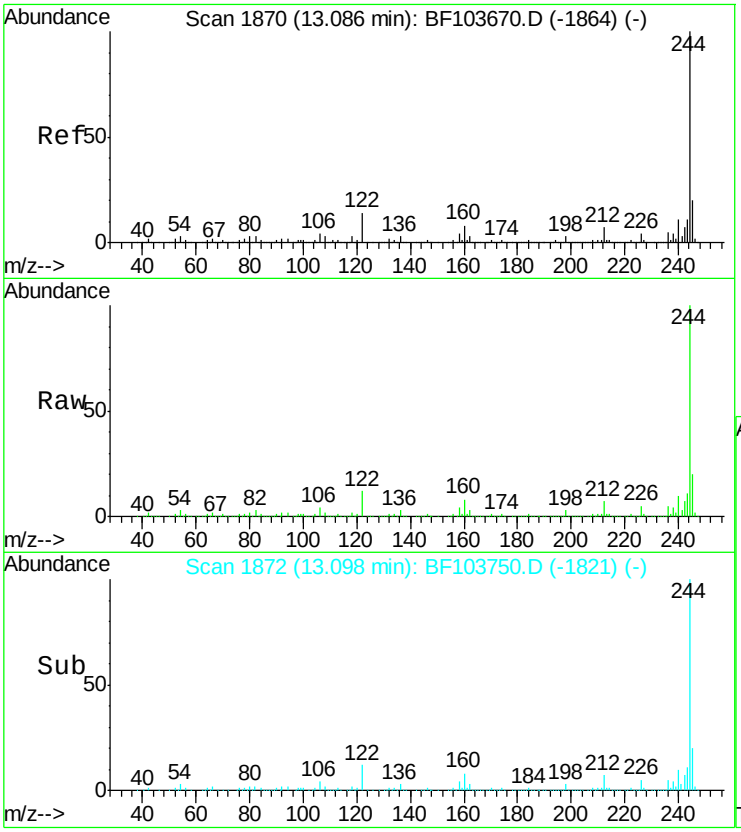


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:240 Resp: 575612

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1



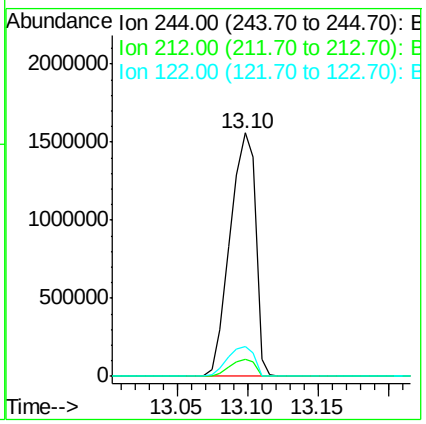


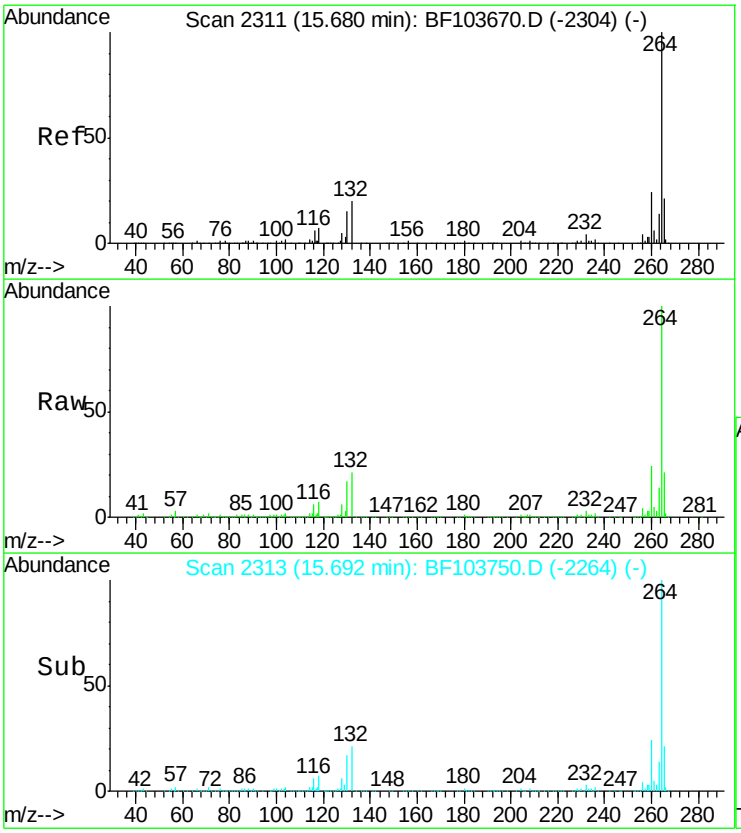
#78
Terphenyl-d14
Concen: 79.297 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:244 Resp: 1966445

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103750.D
Acq: 19 Mar 2018 12:10

Tgt Ion:264 Resp: 491661

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3