Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103741.D
Acq On : 17 Mar 2018 13:51
Operator : JU/SJ
Sample : J1750-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 07:05:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157393	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	614390	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	257356	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	372587	20.00	ng		0.00
75) Chrysene-d12	14.15	240	291457	20.00	ng		0.00
86) Perylene-d12	15.69	264	237391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1231878	119.04	ng		0.03
7) Phenol-d6	6.60	99	1363993	107.74	ng		0.01
23) Nitrobenzene-d5	7.53	82	1005373	114.11	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	310506	140.33	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1554521	96.35	ng		0.00
78) Terphenyl-d14	13.09	244	1179287	93.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	28019	3.369	ng		82
19) n-Nitroso-di-n-propylamine	7.53	70	132422	16.321	ng	#	75
25) Isophorone	7.53	82	1005363	49.294	ng	#	64
32) Benzoic acid	7.93	122	1268	10.068	ng		86
47) 2-Nitroaniline	9.42	65	121	6.838	ng	#	2
50) 2,6-Dinitrotoluene	10.01	165	32752	11.891	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	32752	12.139	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	614	8.610	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	18576	4.856	ng	#	1
68) Atrazine	11.30	200	8347	2.128	ng	#	37
69) Pentachlorophenol	11.30	266	42600	16.971	ng		98

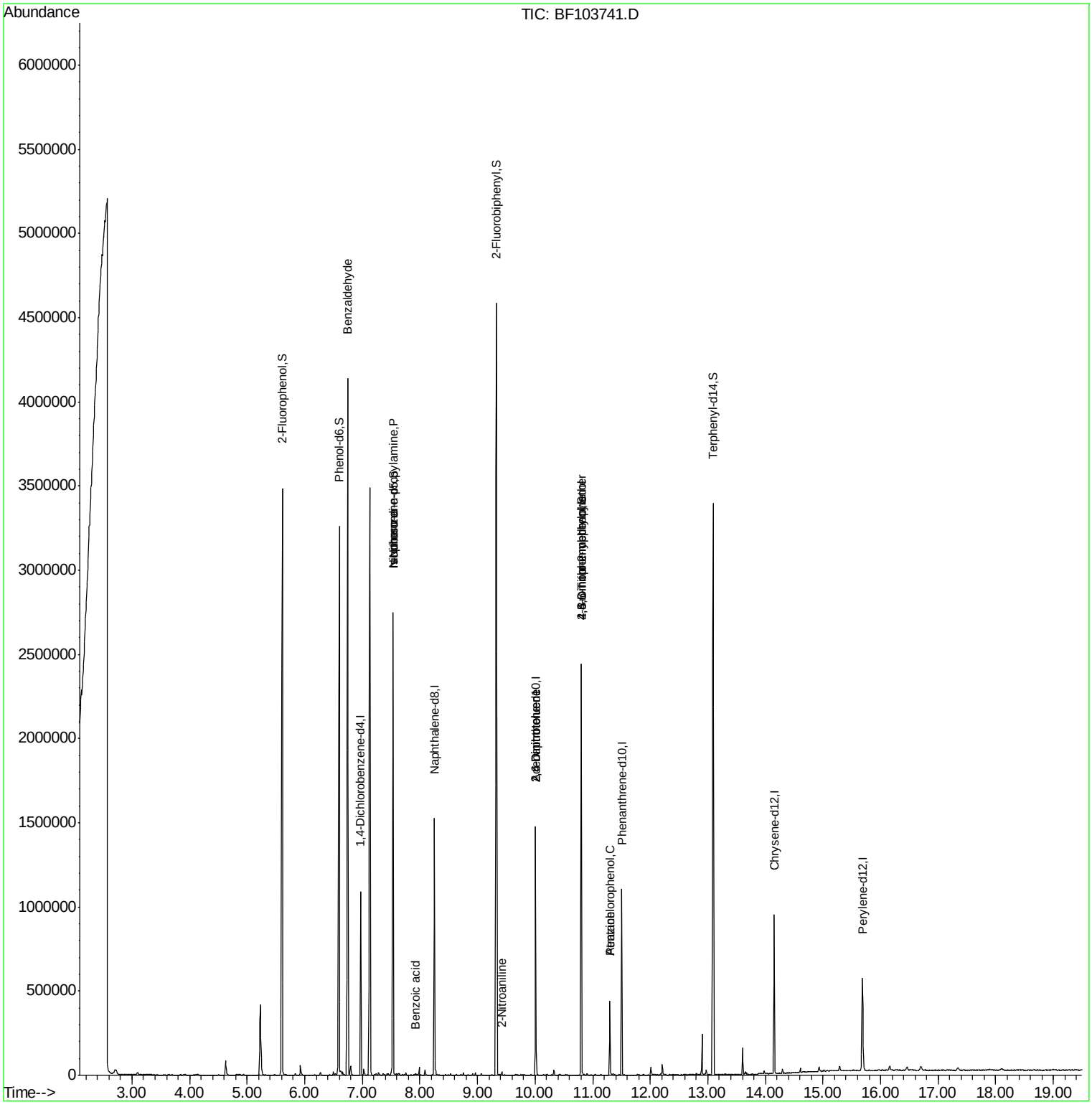
(#) = qualifier out of range (m) = manual integration (+) = signals summed

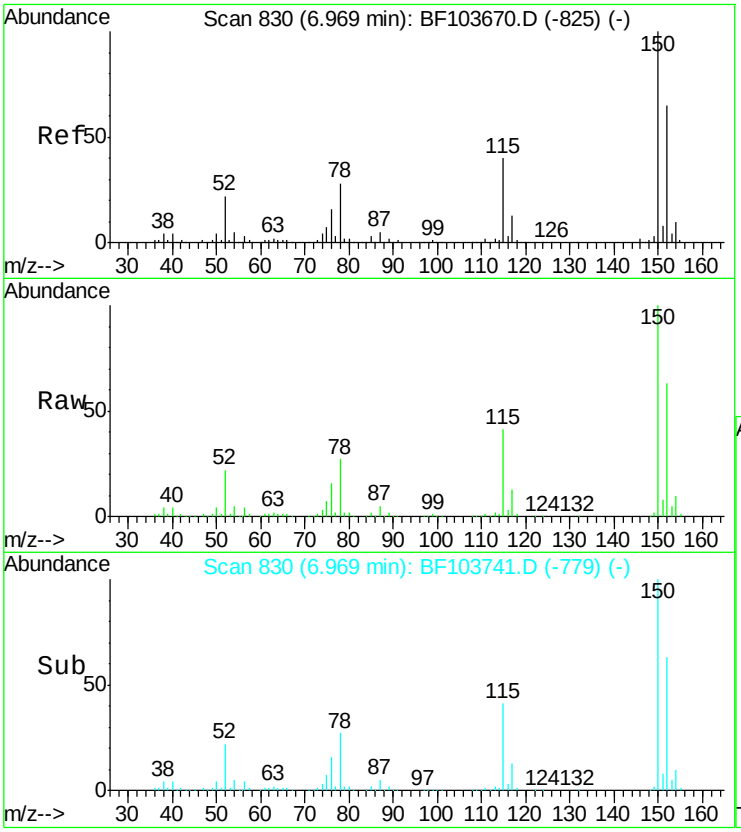
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103741.D
Acq On : 17 Mar 2018 13:51
Operator : JU/SJ
Sample : J1750-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 07:05:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



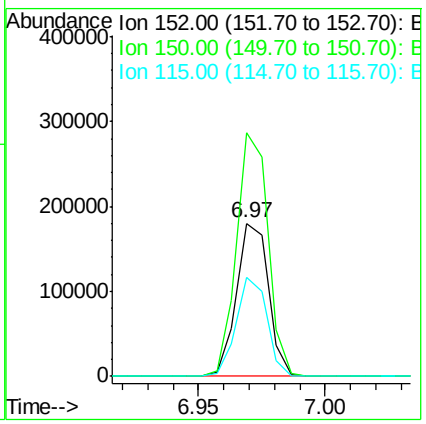


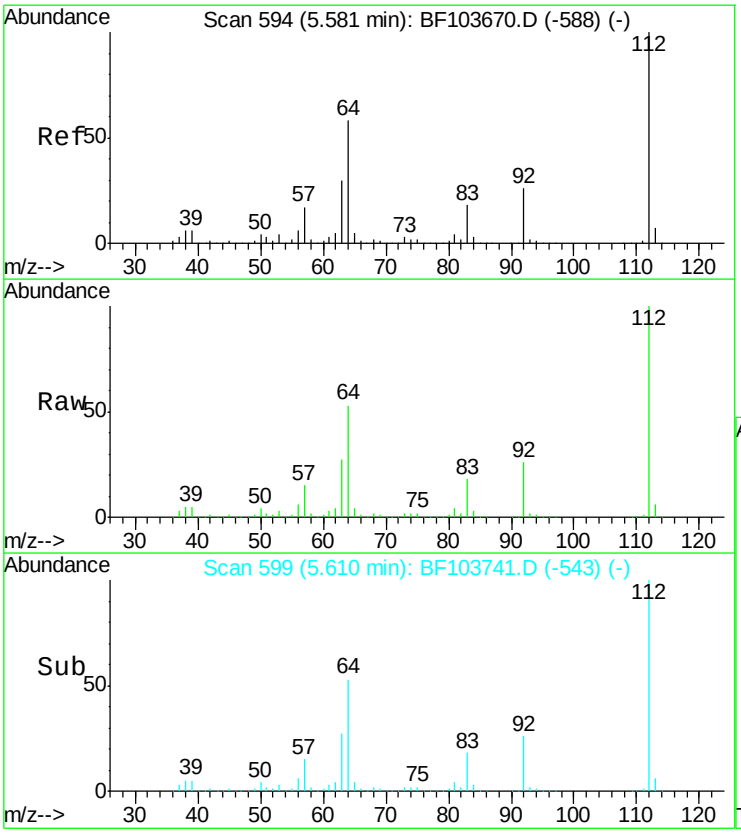
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157393

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	64.8	50.1	75.1

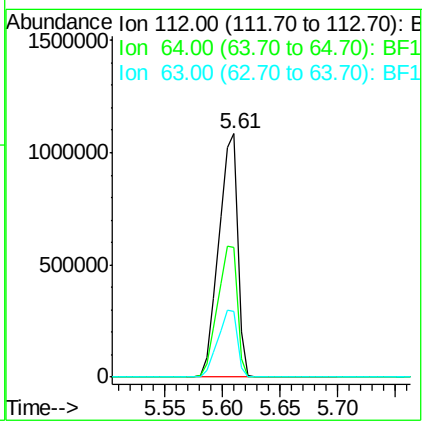


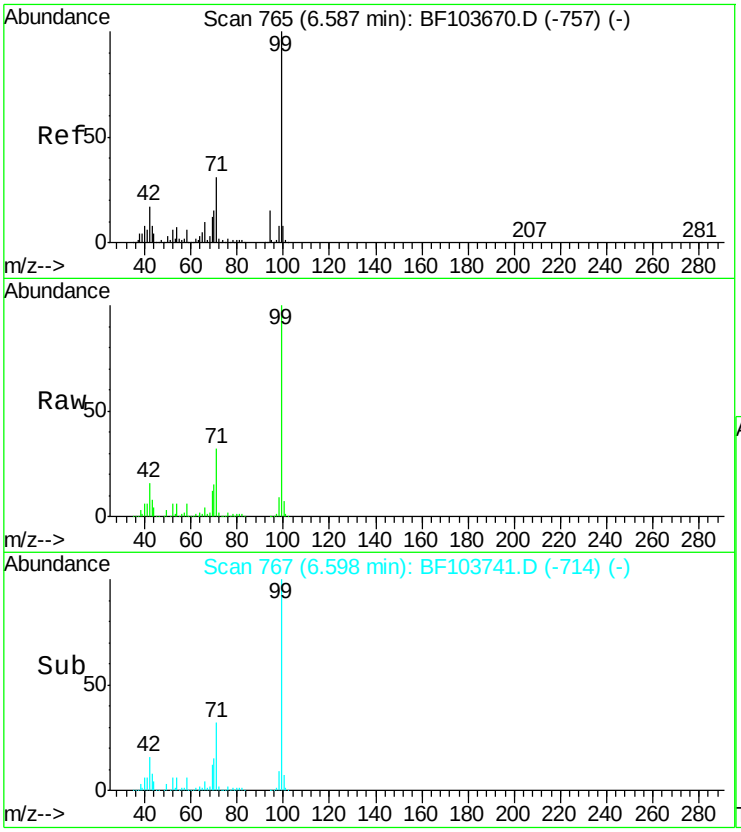


#5
2-Fluorophenol
Concen: 119.045 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.03 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:112 Resp: 1231878

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	27.1	23.7	35.5



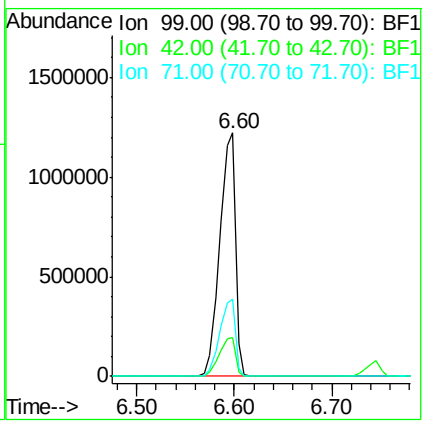


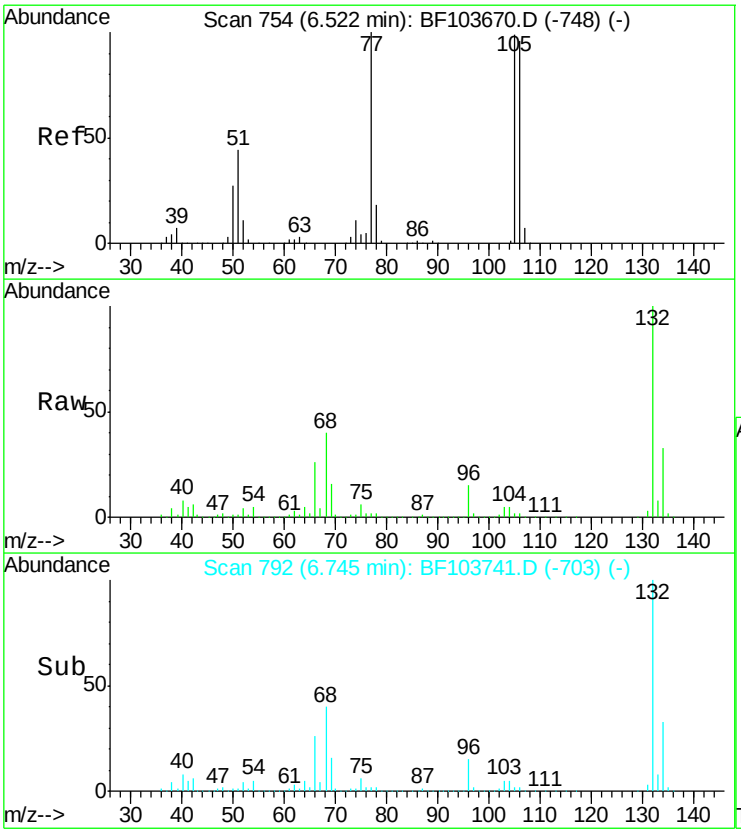
#7
Phenol-d6
Concen: 107.740 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1363993

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.9	25.4	38.0

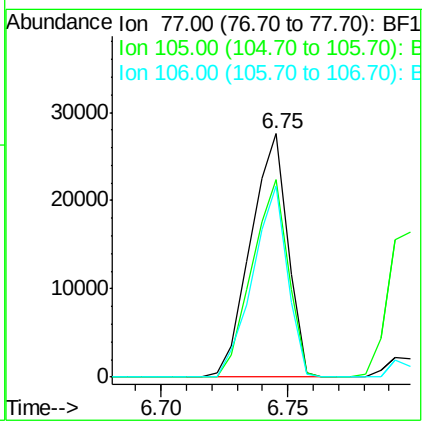


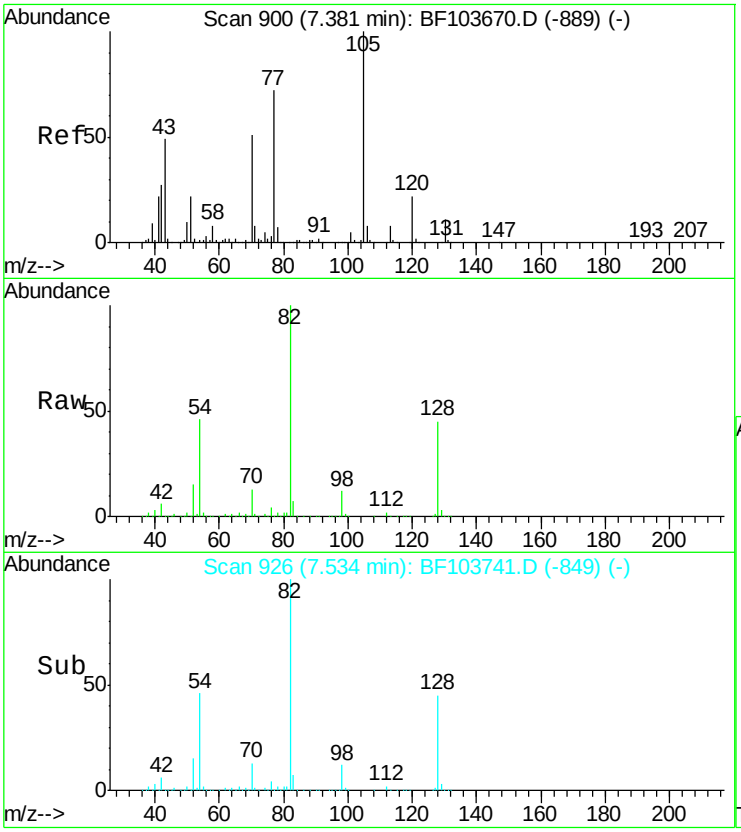


#9
Benzaldehyde
Concen: 3.369 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion: 77 Resp: 28019

Ion	Ratio	Lower	Upper
77	100		
105	81.4	81.1	121.1
106	78.5	74.5	114.5



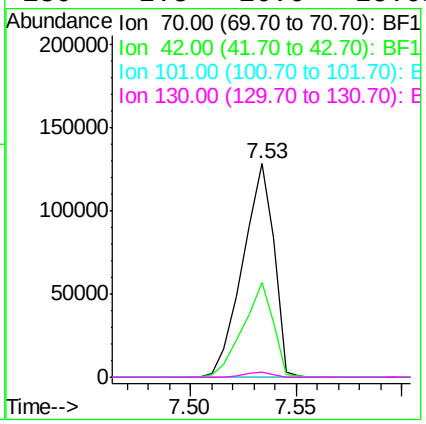


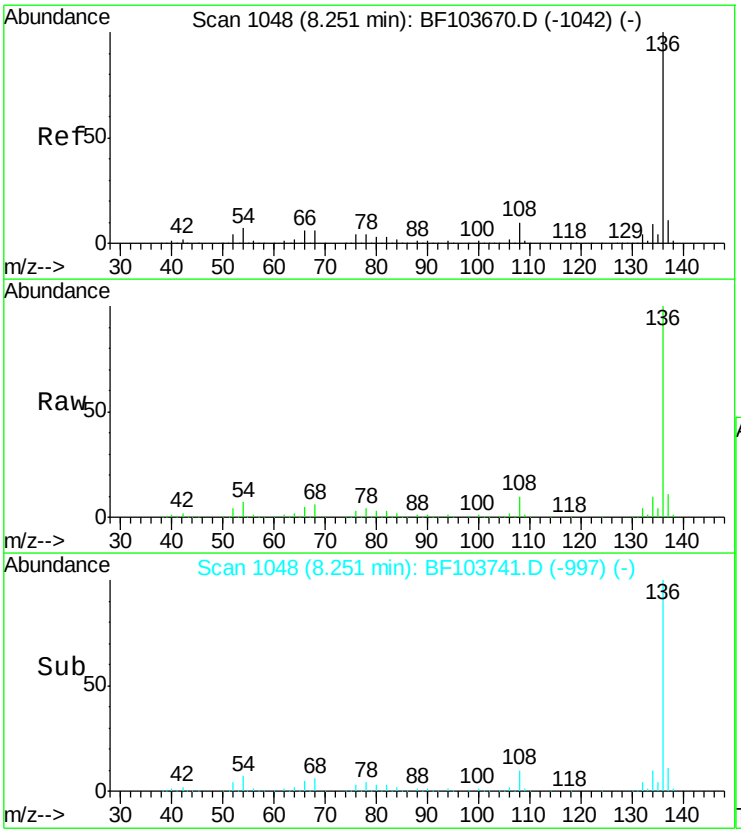
#19
n-Nitroso-di-n-propylamine
Concen: 16.321 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 132422

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

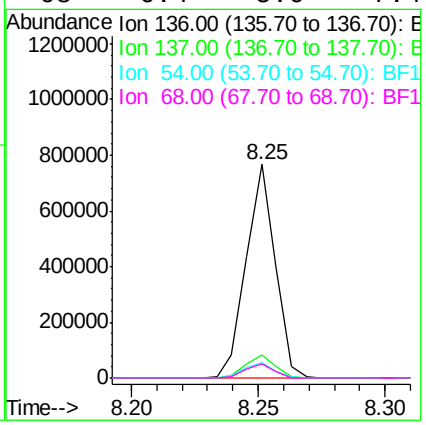


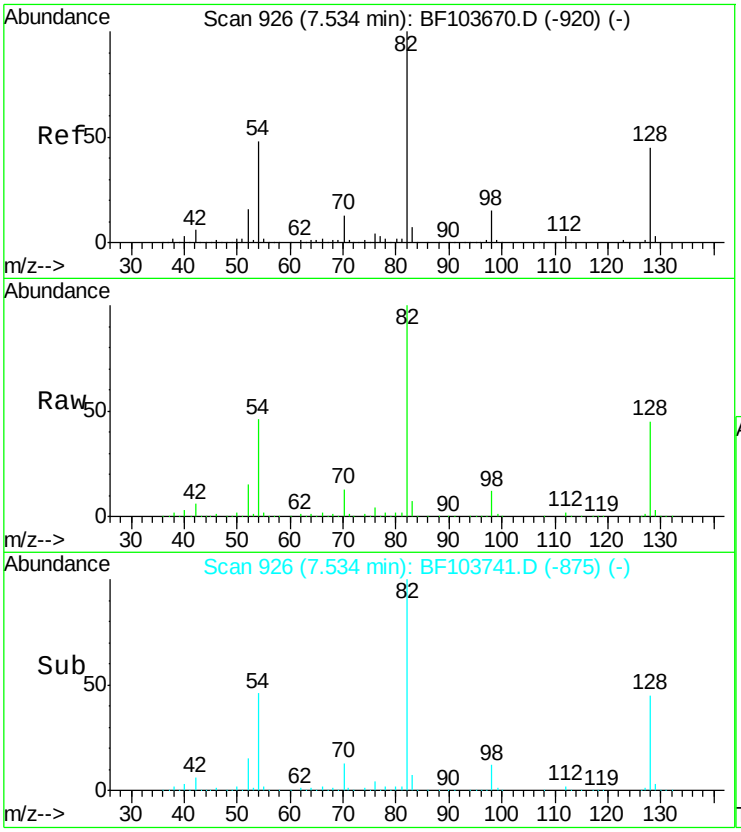


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:136 Resp: 614390

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4



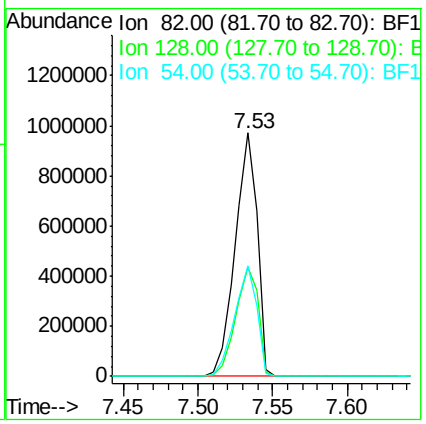


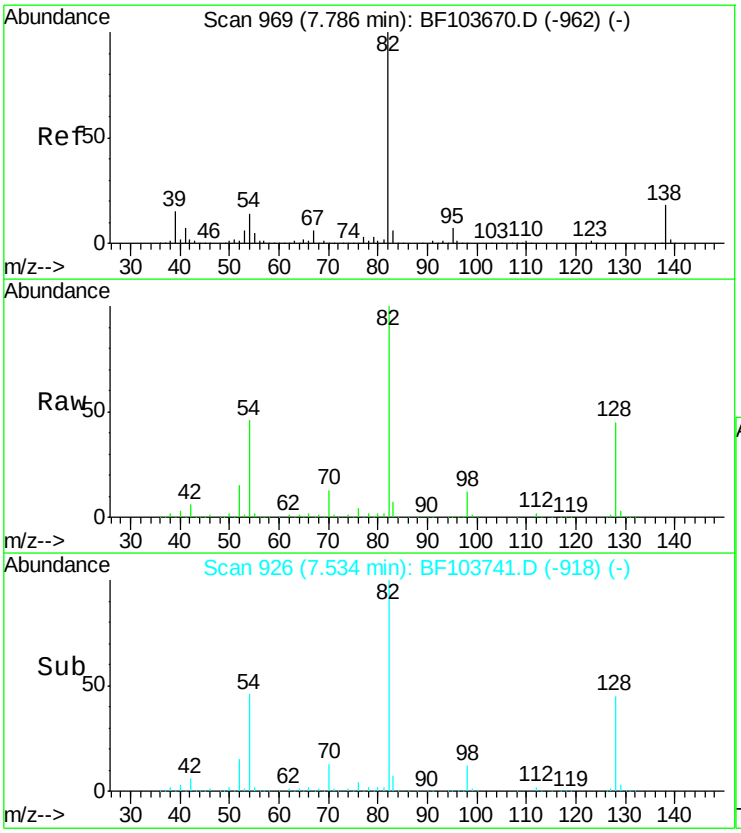
#23
Nitrobenzene-d5
Concen: 114.114 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1005373

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	45.6	41.4	62.2

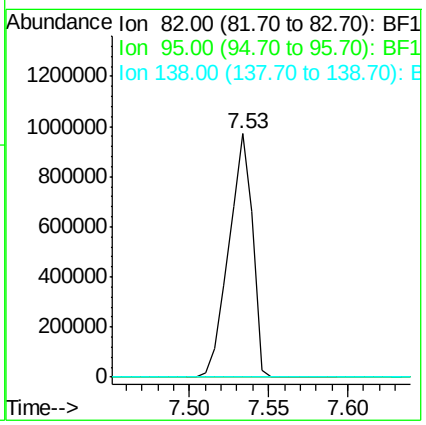


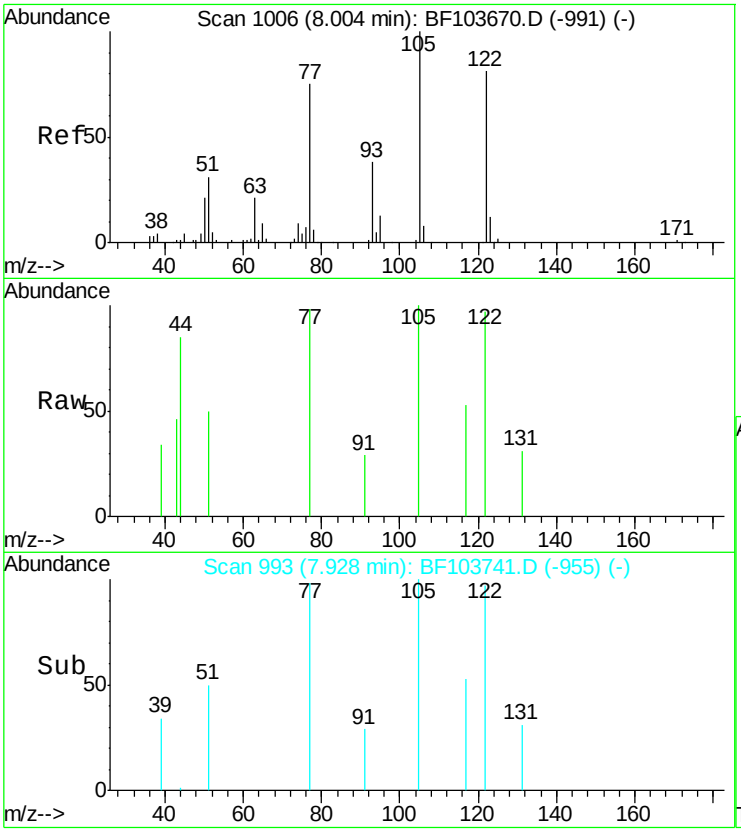


#25
Isophorone
Concen: 49.294 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion: 82 Resp: 1005363

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



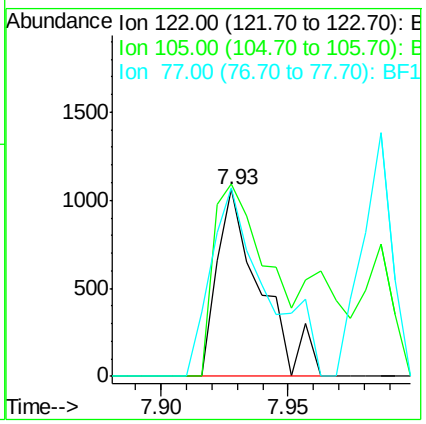


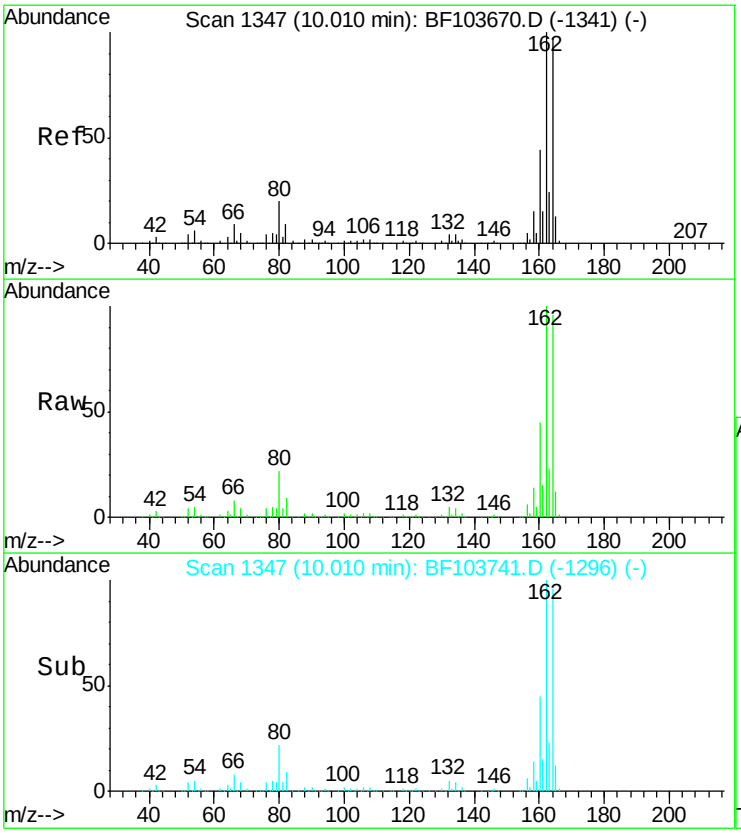
#32
Benzoic acid
Concen: 10.068 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.08 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1268

Ion	Ratio	Lower	Upper
122	100		
105	102.9	101.1	141.1
77	100.5	70.7	110.7

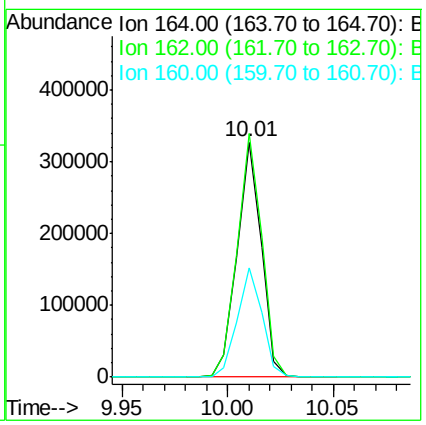


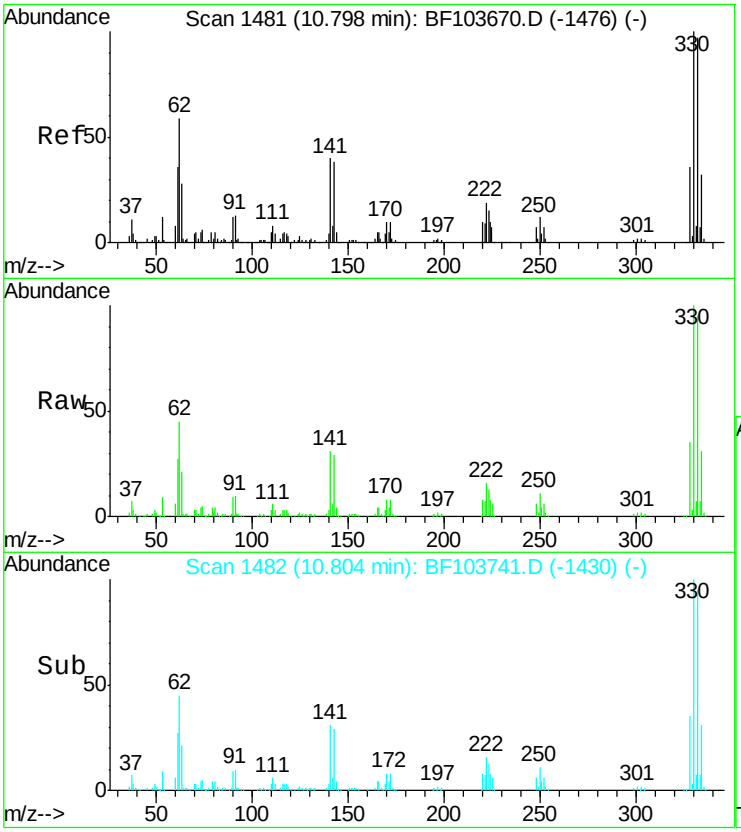


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:164 Resp: 257356

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.5	38.3	57.5



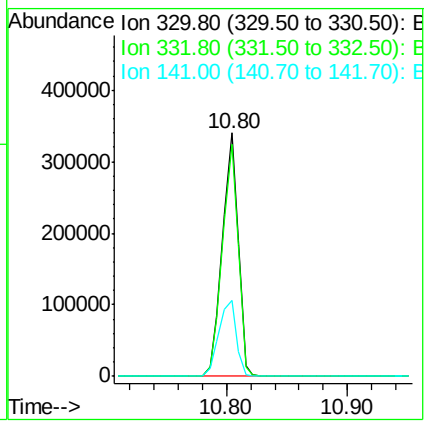


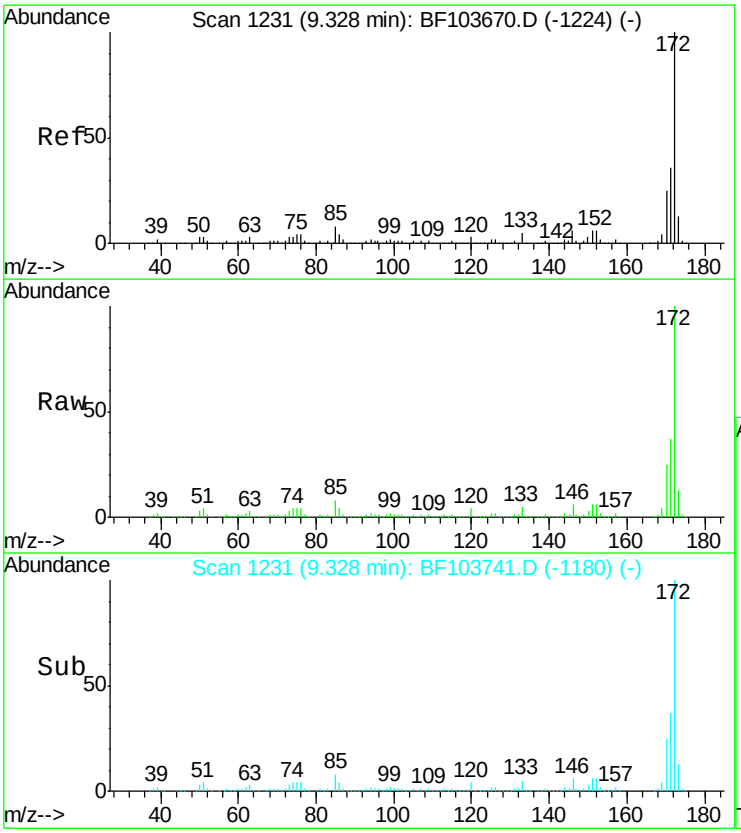
#41
2,4,6-Tribromophenol
Concen: 140.325 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 310506

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.0	29.9	44.9

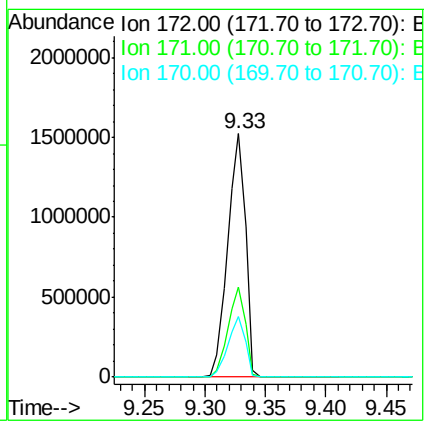


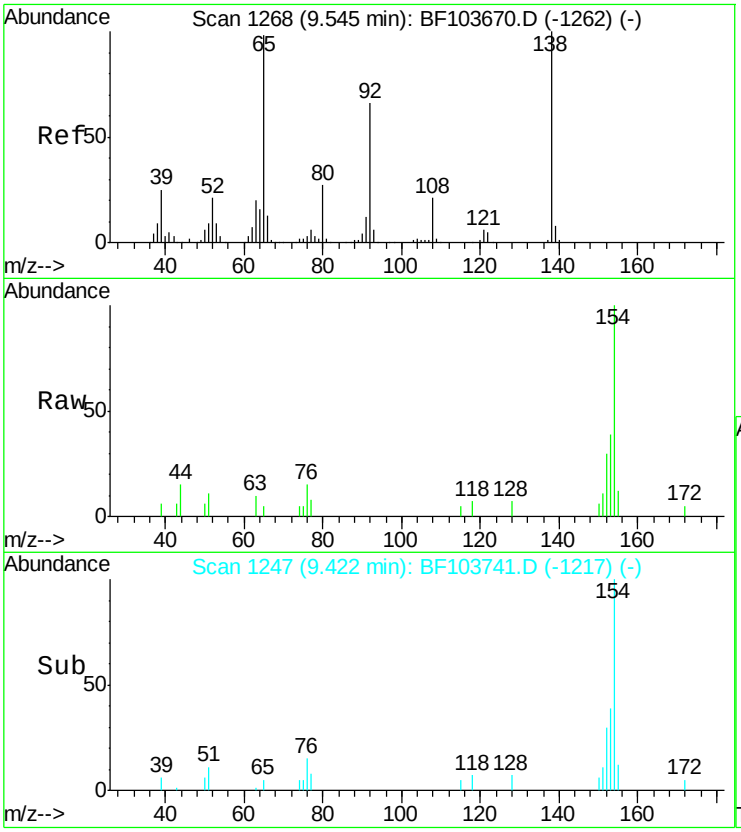


#44
2-Fluorobiphenyl
Concen: 96.353 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:172 Resp: 1554521

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4



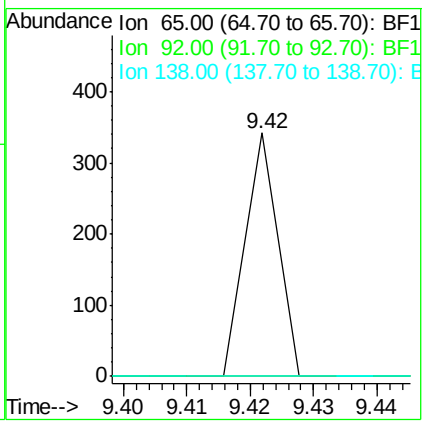


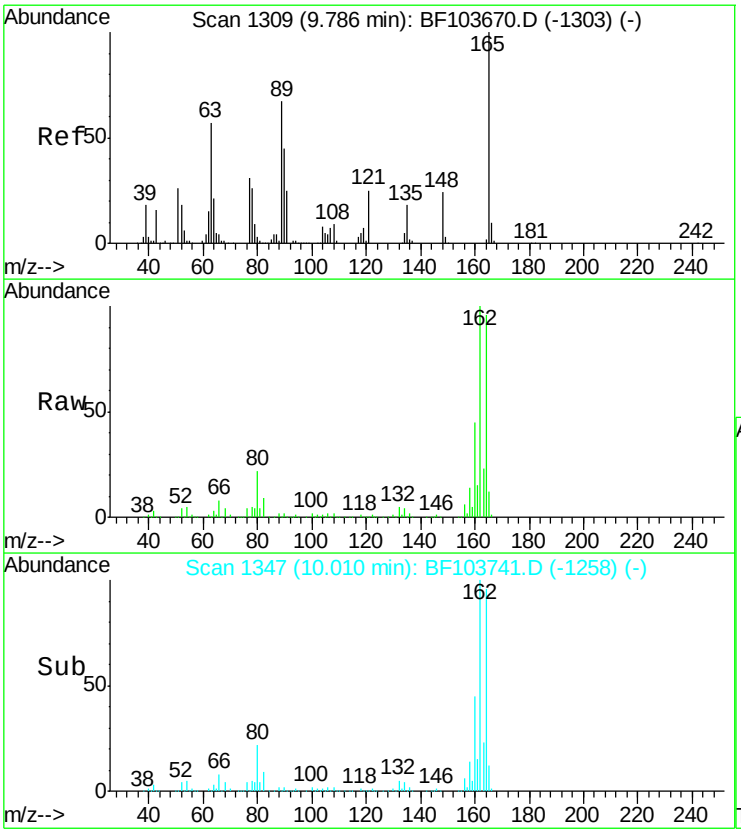
#47
2-Nitroaniline
Concen: 6.838 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.12 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 121

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

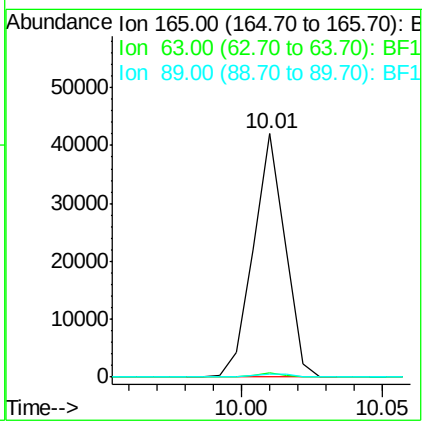


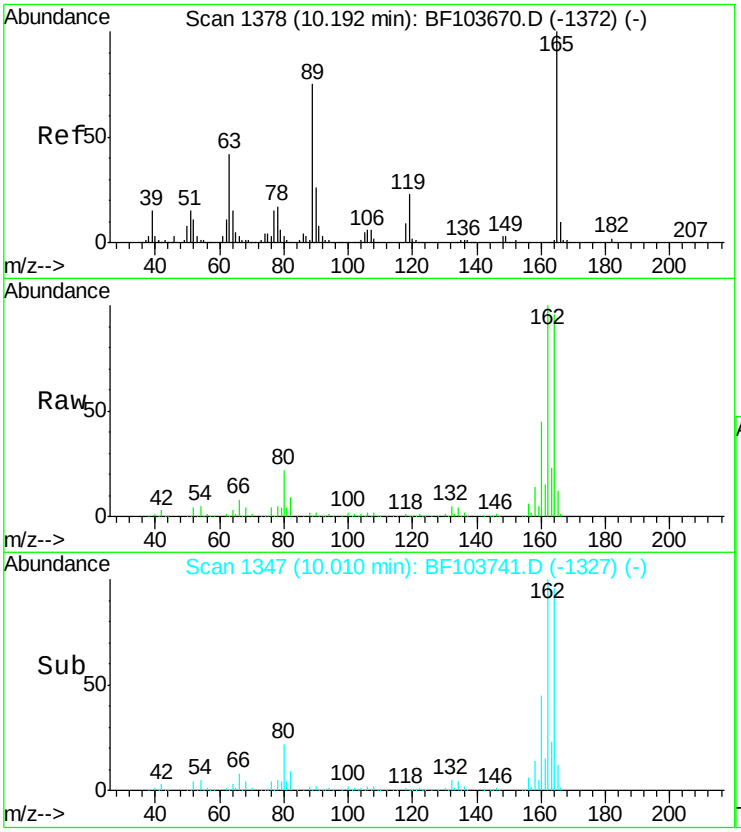


#50
2,6-Dinitrotoluene
Concen: 11.891 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:165 Resp: 32752

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



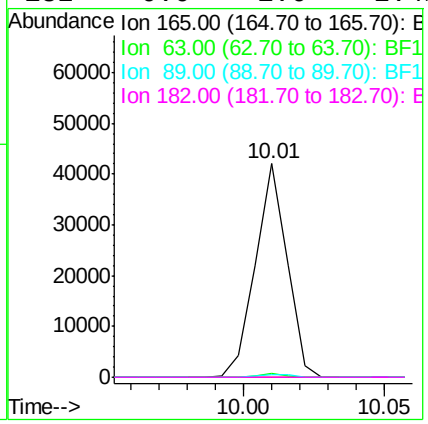


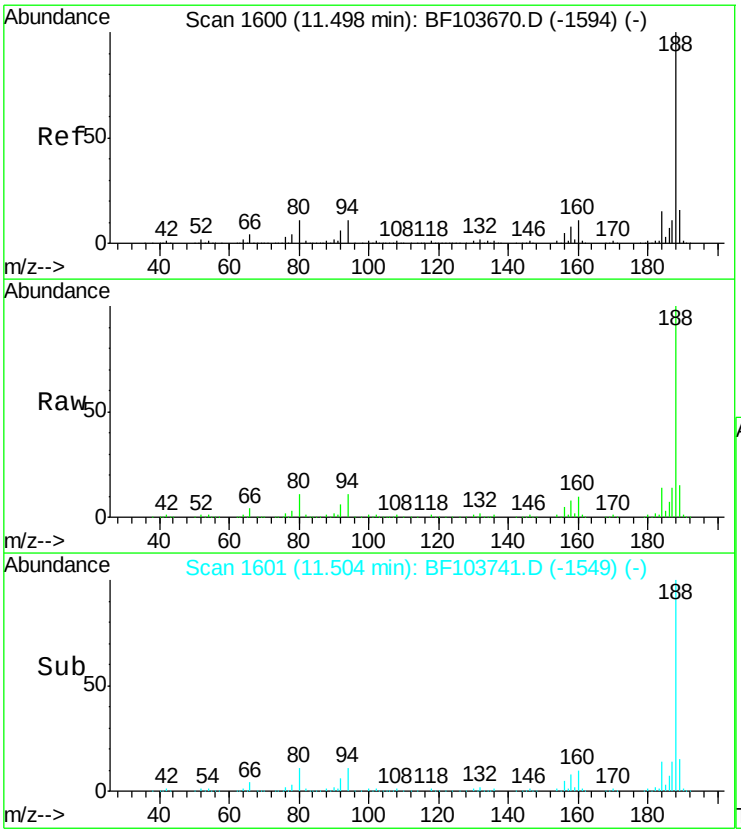
#56
2,4-Dinitrotoluene
Concen: 12.139 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32752

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

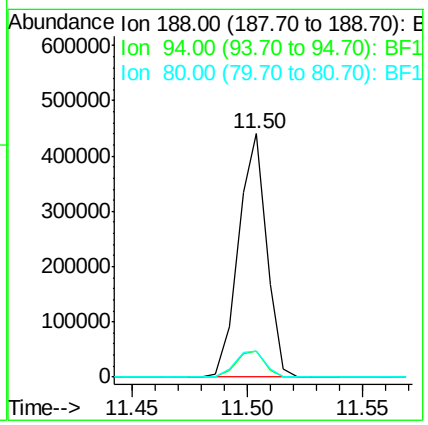


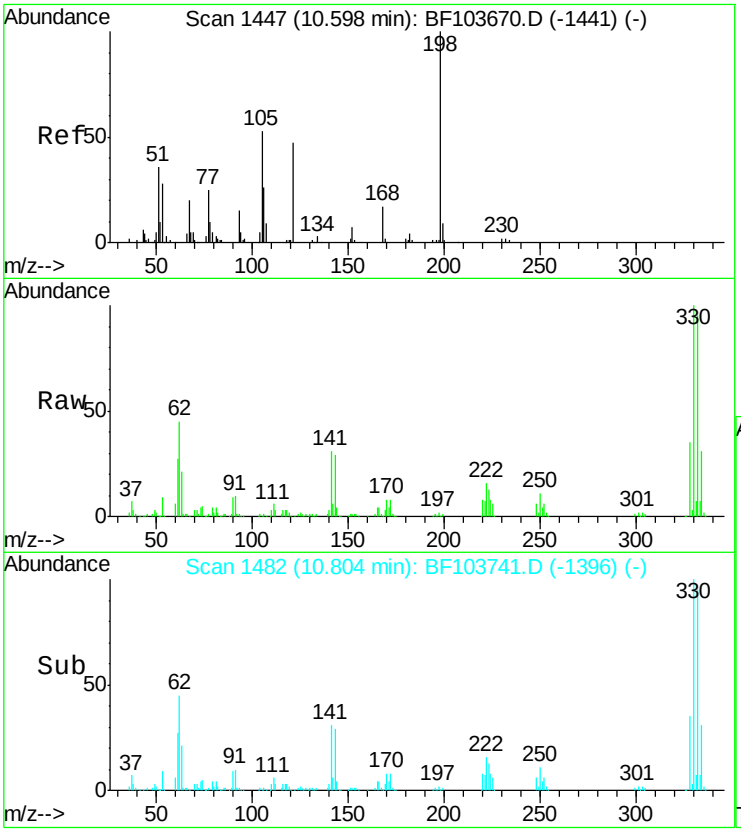


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:188 Resp: 372587

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.8	9.2	13.8



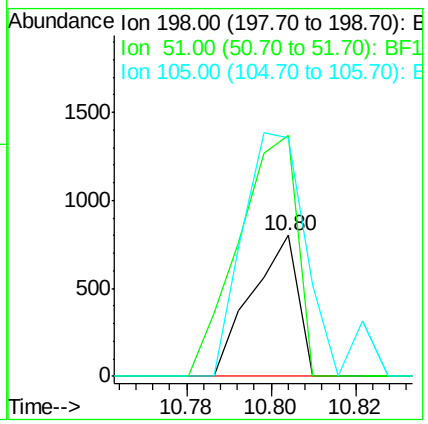


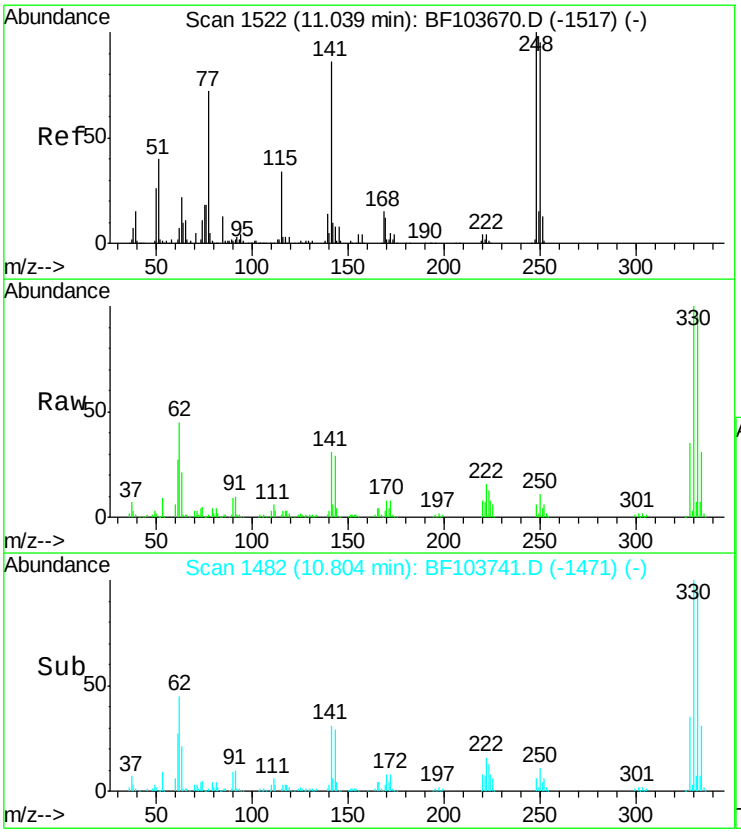
#64
4,6-Dinitro-2-methylphenol
Concen: 8.610 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 614

Ion	Ratio	Lower	Upper
198	100		
51	171.3	37.7	77.7#
105	169.2	36.3	76.3#

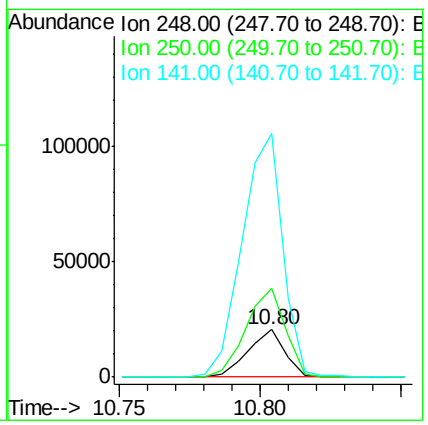


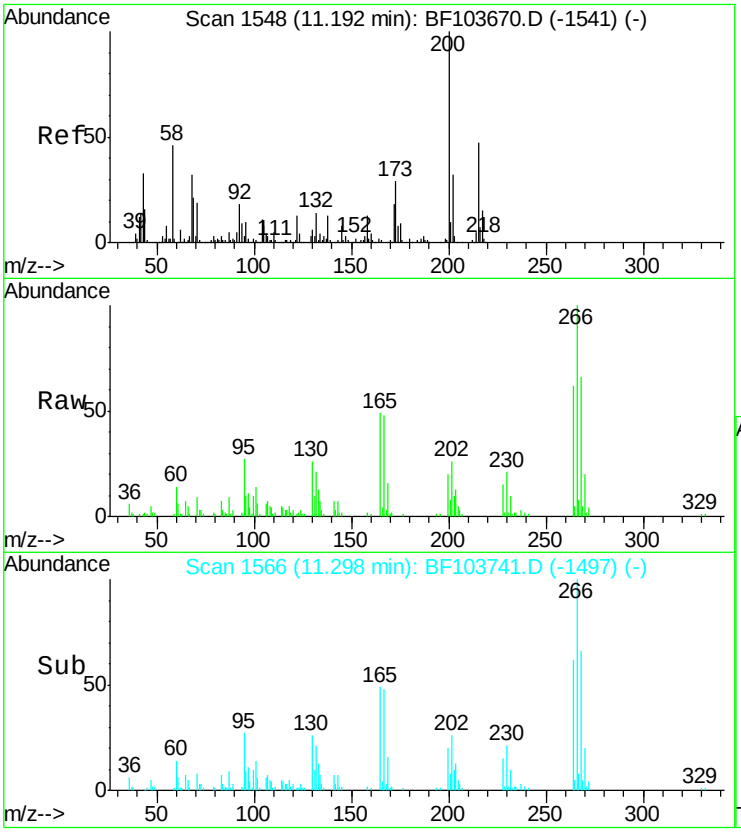


#66
4-Bromophenyl-phenylether
Concen: 4.856 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:248 Resp: 18576

Ion	Ratio	Lower	Upper
248	100		
250	187.7	76.9	115.3#
141	512.9	74.4	111.6#



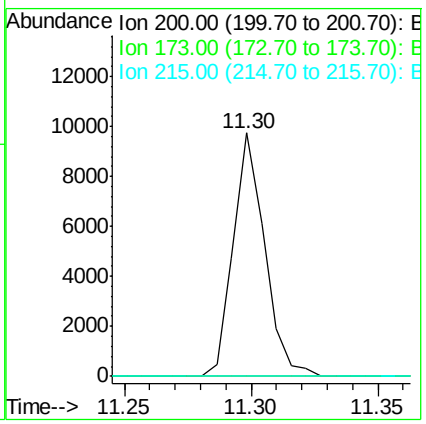


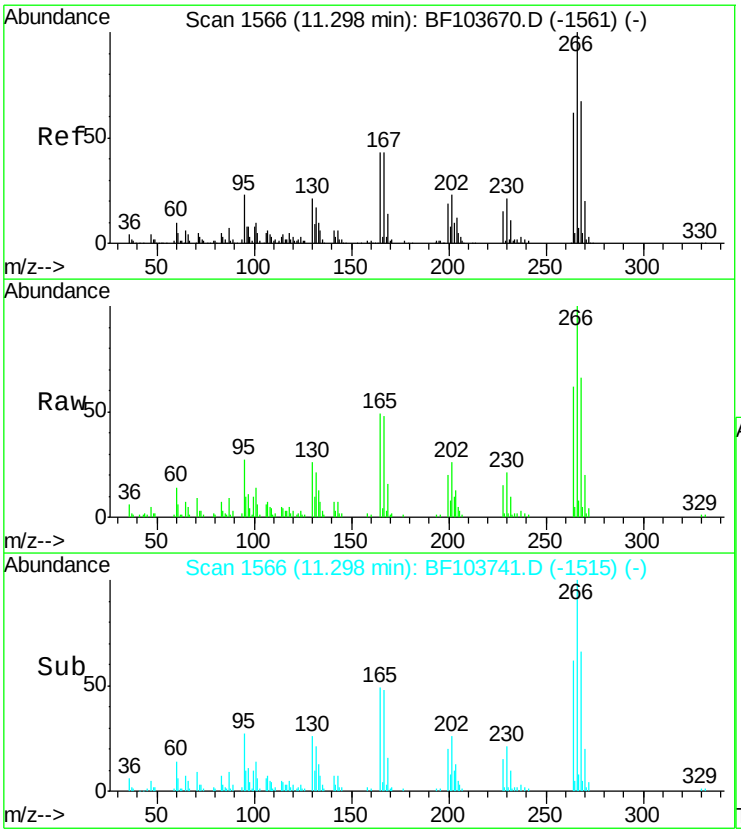
#68
Atrazine
Concen: 2.128 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.11 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 8347

Ion	Ratio	Lower	Upper
200	100		
173	0.0	8.6	48.6#
215	0.0	25.1	65.1#

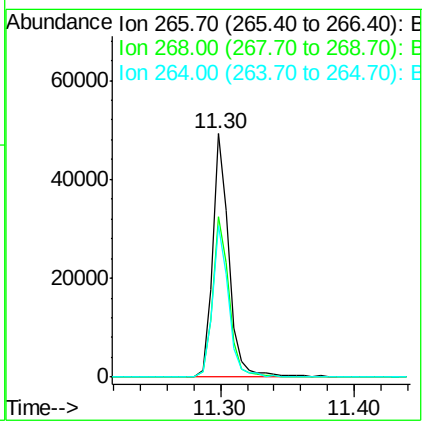


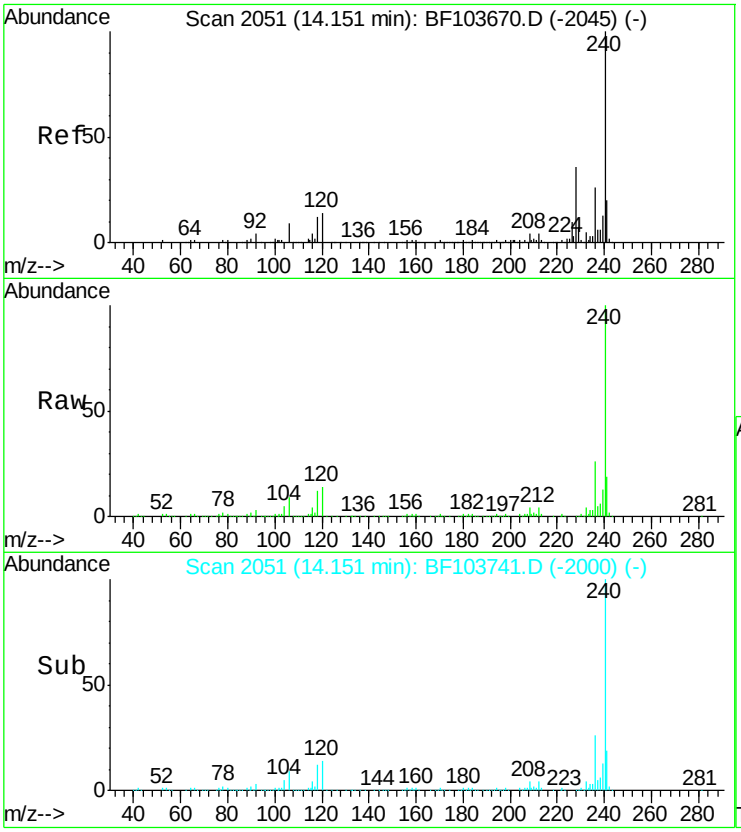


#69
Pentachlorophenol
Concen: 16.971 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:266 Resp: 42600

Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.1	76.7
264	62.1	49.5	74.3



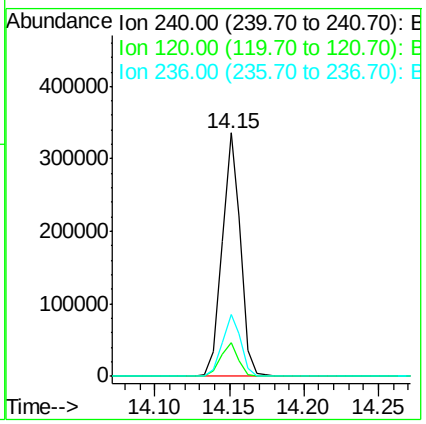


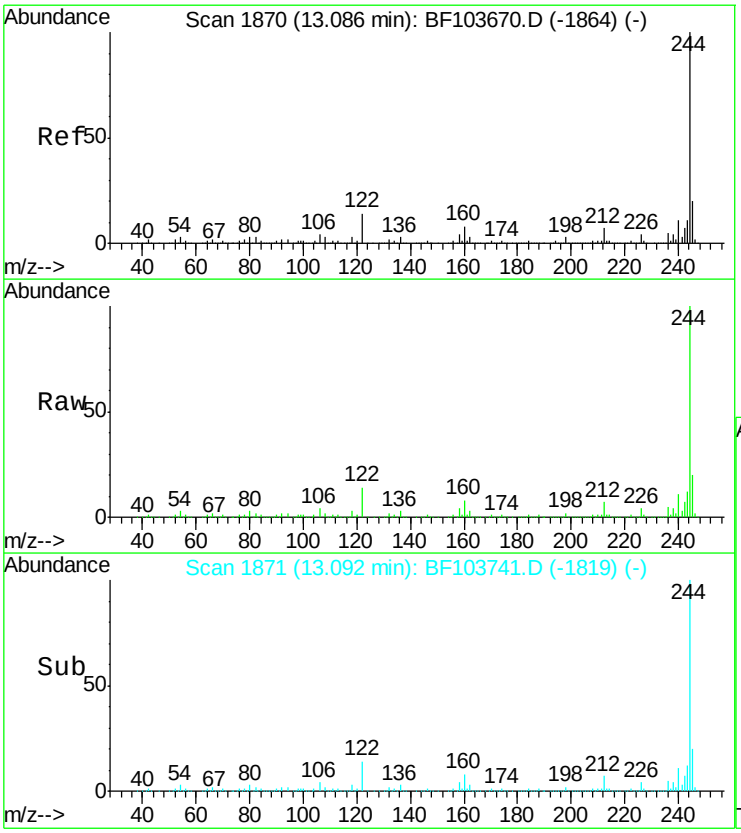
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291457

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.6	20.7	31.1

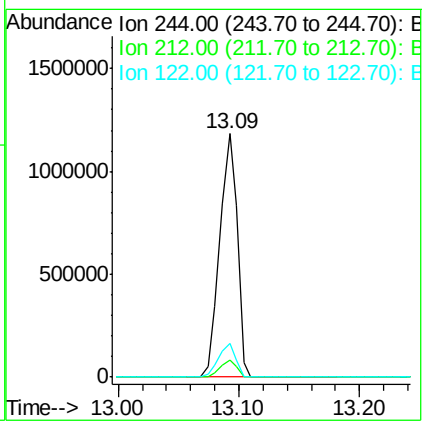


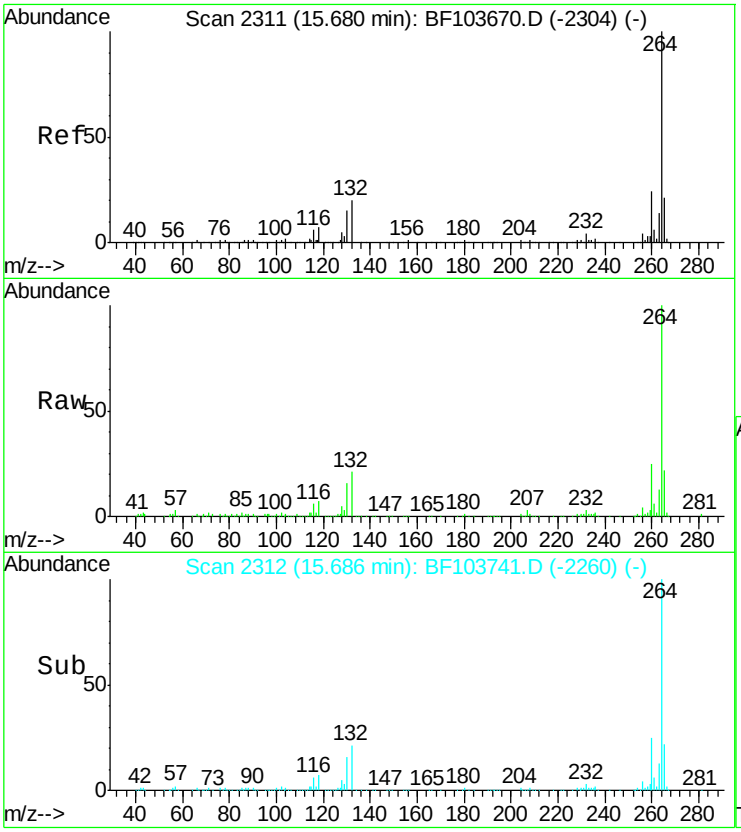


#78
Terphenyl-d14
Concen: 93.918 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Tgt Ion:244 Resp: 1179287

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103741.D
Acq: 17 Mar 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 237391

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.1	17.5	26.3