Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103736.D
Acq On : 17 Mar 2018 11:38
Operator : JU/SJ
Sample : J1938-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 07:03:10 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	172385	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	678863	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	266425	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	375961	20.00	ng		0.00
75) Chrysene-d12	14.15	240	308720	20.00	ng		0.00
86) Perylene-d12	15.69	264	231127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1330628	117.40	ng		0.03
7) Phenol-d6	6.60	99	1463051	105.51	ng		0.01
23) Nitrobenzene-d5	7.53	82	1101531	113.15	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	306295	133.71	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1692103	101.31	ng		0.00
78) Terphenyl-d14	13.09	244	1194770	89.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	30379	3.335	ng		83
19) n-Nitroso-di-n-propylamine	7.53	70	146164	16.448	ng	#	75
25) Isophorone	7.53	82	1101520	48.880	ng	#	64
26) 2-Nitrophenol	7.63	139	111	9.467	ng	#	34
32) Benzoic acid	7.93	122	283	9.938	ng	#	58
47) 2-Nitroaniline	9.33	65	2945	7.362	ng	#	1
50) 2,6-Dinitrotoluene	10.01	165	34014	11.916	ng	#	26
55) 4-Nitrophenol	10.22	139	2364	5.566	ng	#	9
56) 2,4-Dinitrotoluene	10.01	165	34014	12.158	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	658	8.641	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	18483	4.788	ng	#	1

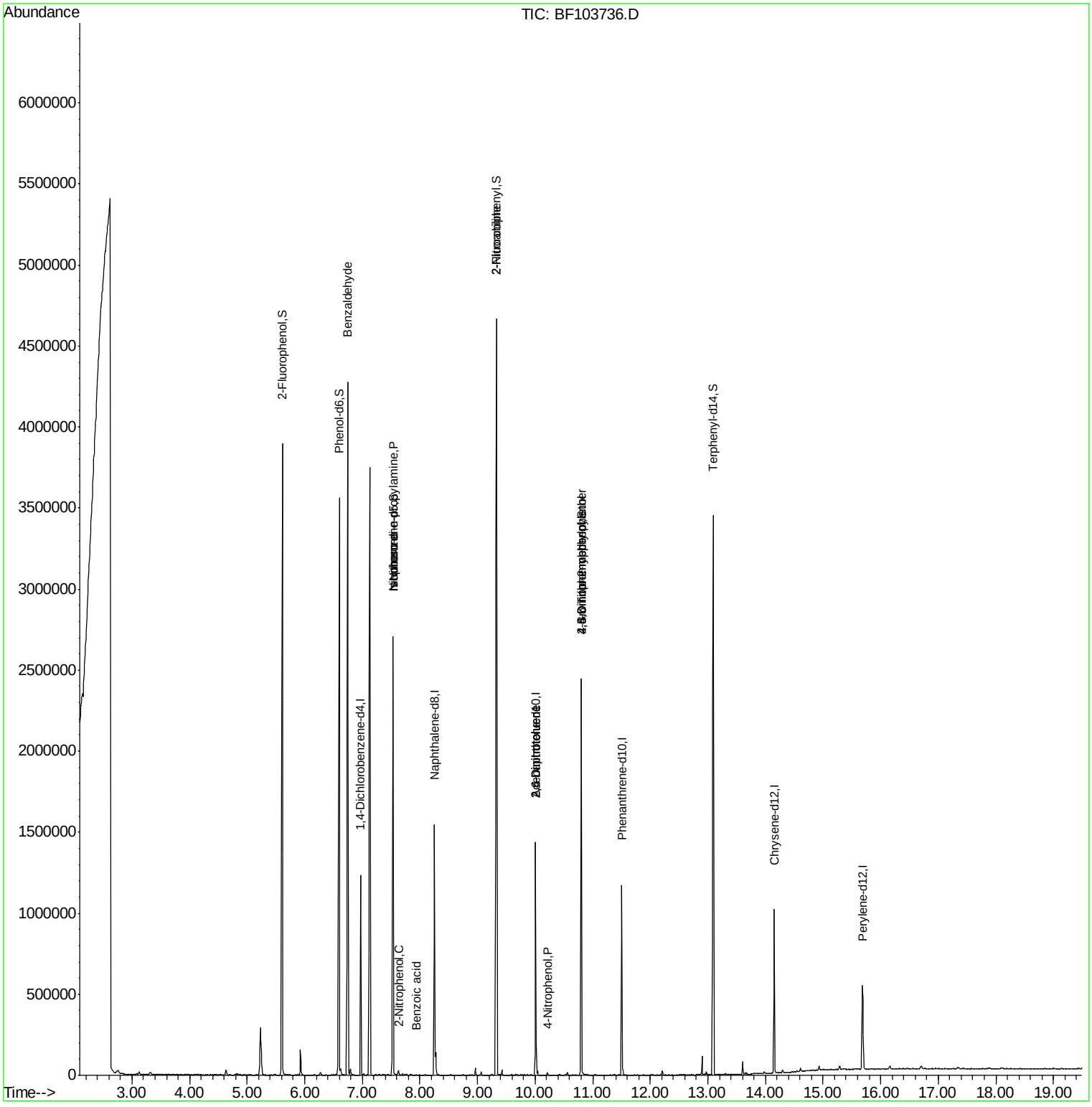
(#) = qualifier out of range (m) = manual integration (+) = signals summed

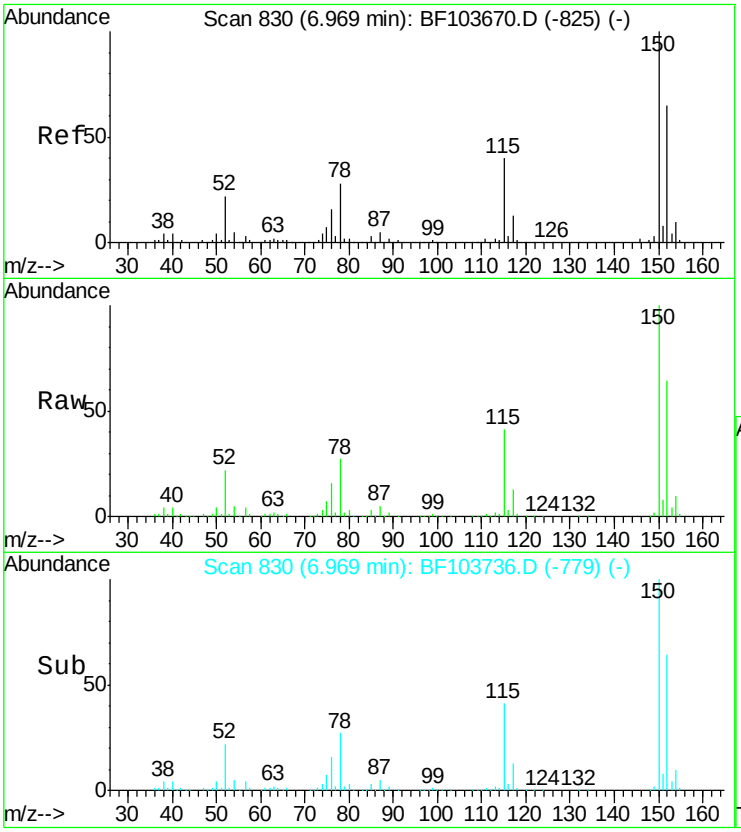
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103736.D
Acq On : 17 Mar 2018 11:38
Operator : JU/SJ
Sample : J1938-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 07:03:10 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



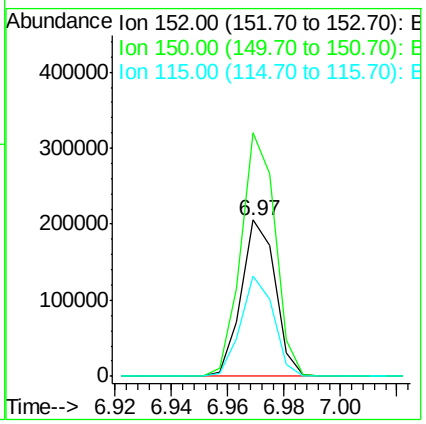


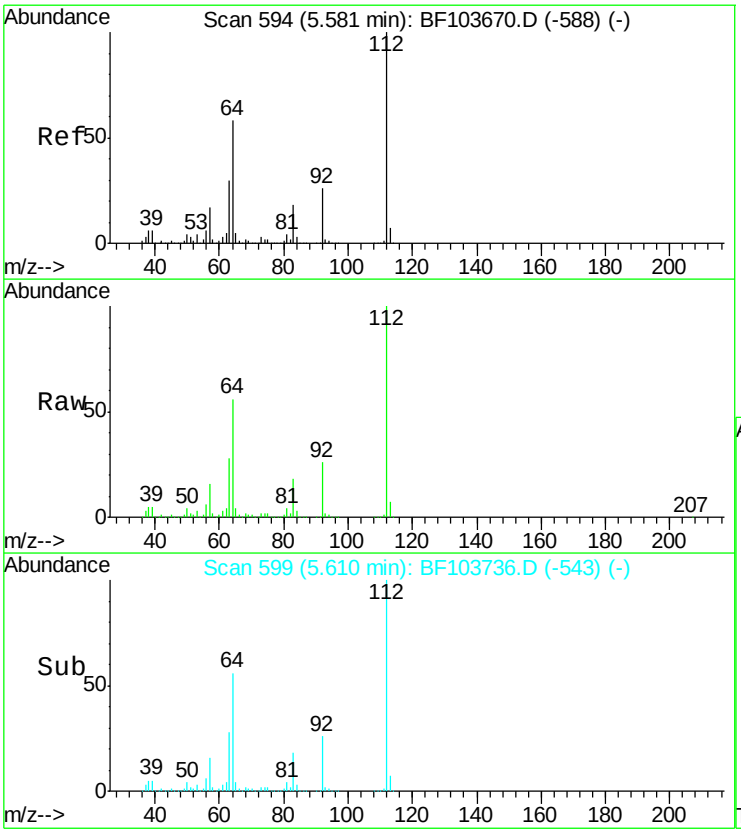
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172385

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	63.9	50.1	75.1

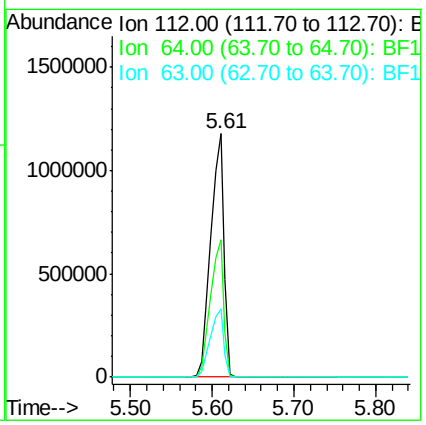


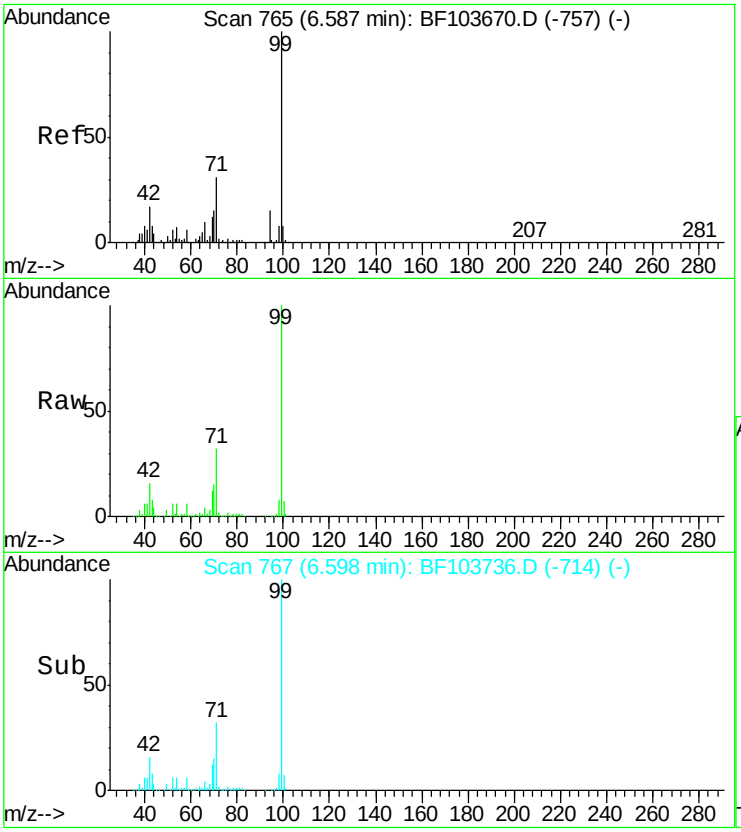


#5
2-Fluorophenol
Concen: 117.404 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.03 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:112 Resp: 1330628

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



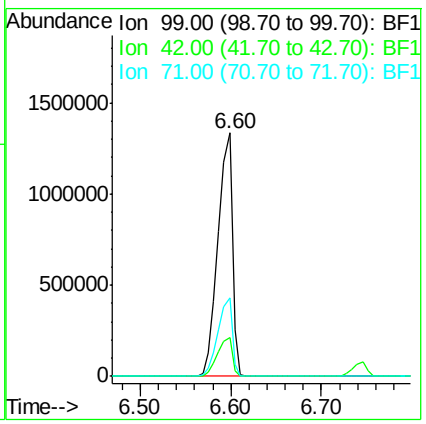


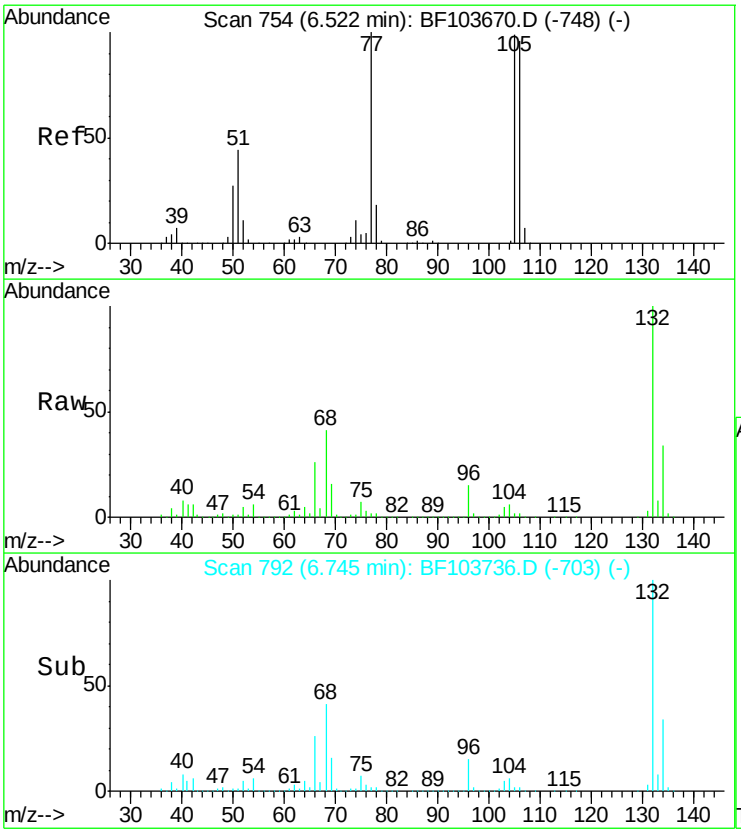
#7
Phenol-d6
Concen: 105.514 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1463051

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.3	25.4	38.0

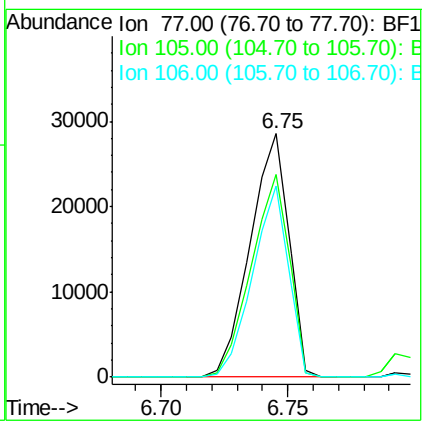


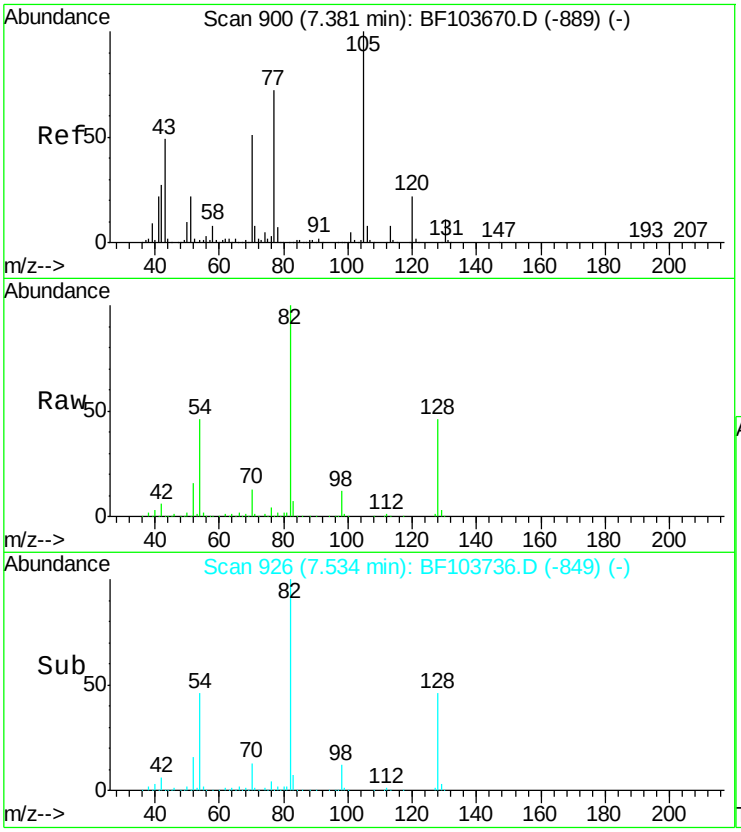


#9
Benzaldehyde
Concen: 3.335 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion: 77 Resp: 30379

Ion	Ratio	Lower	Upper
77	100		
105	83.2	81.1	121.1
106	78.6	74.5	114.5



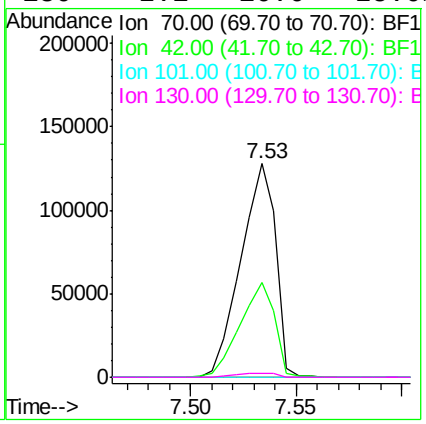


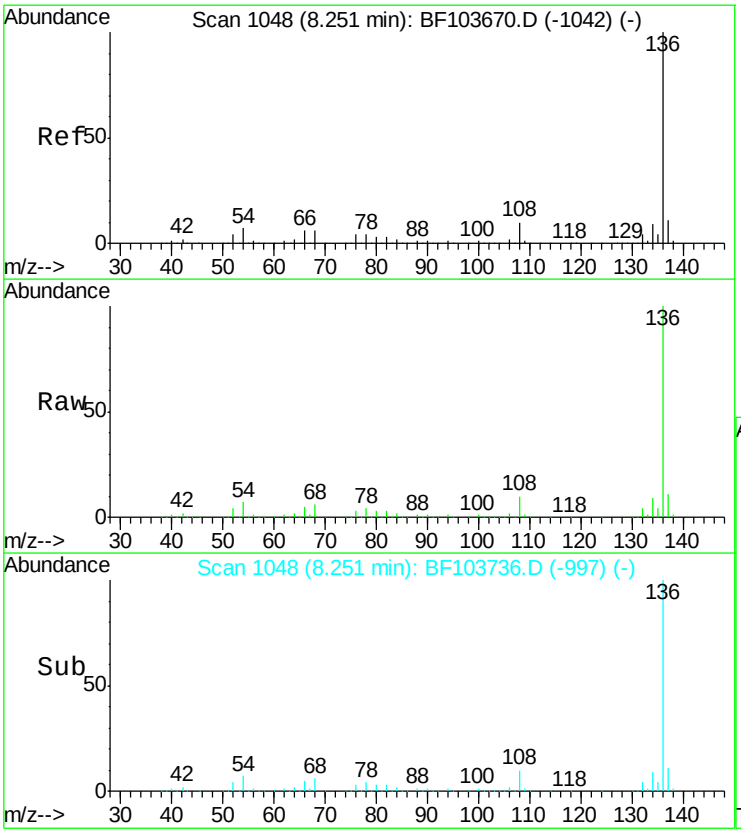
#19
n-Nitroso-di-n-propylamine
Concen: 16.448 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 146164

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

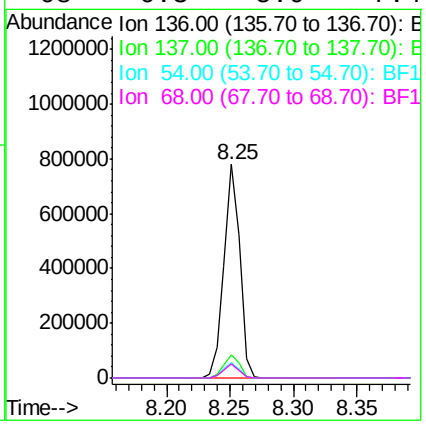


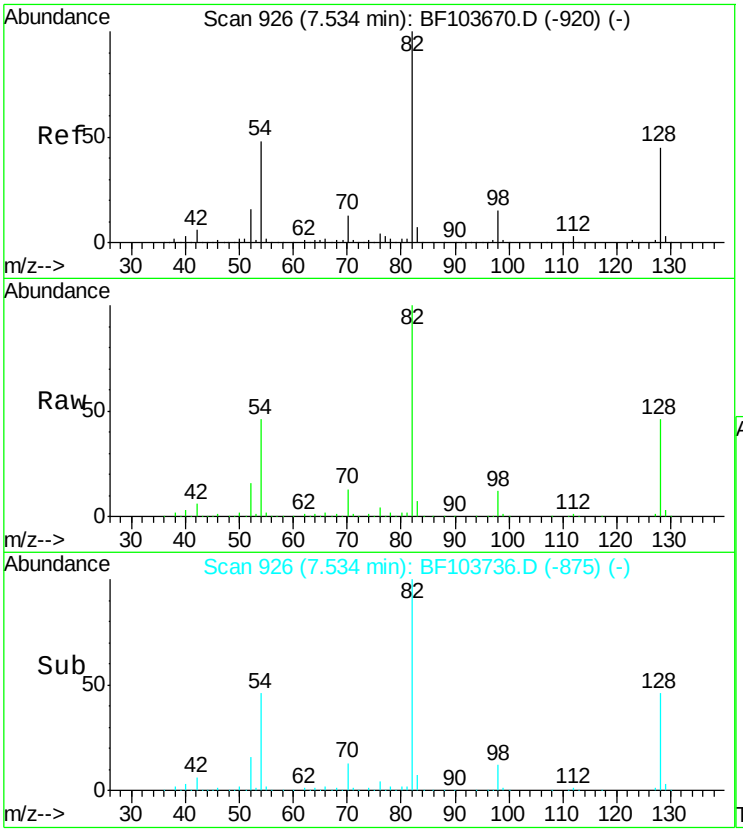


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:136 Resp: 678863

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4



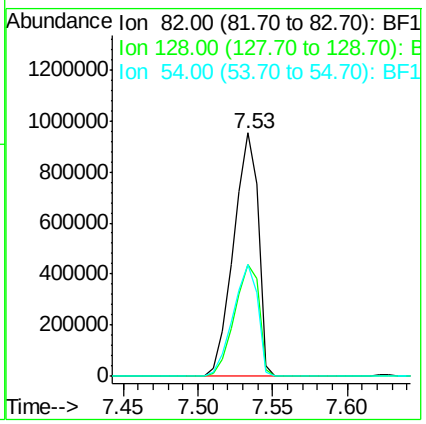


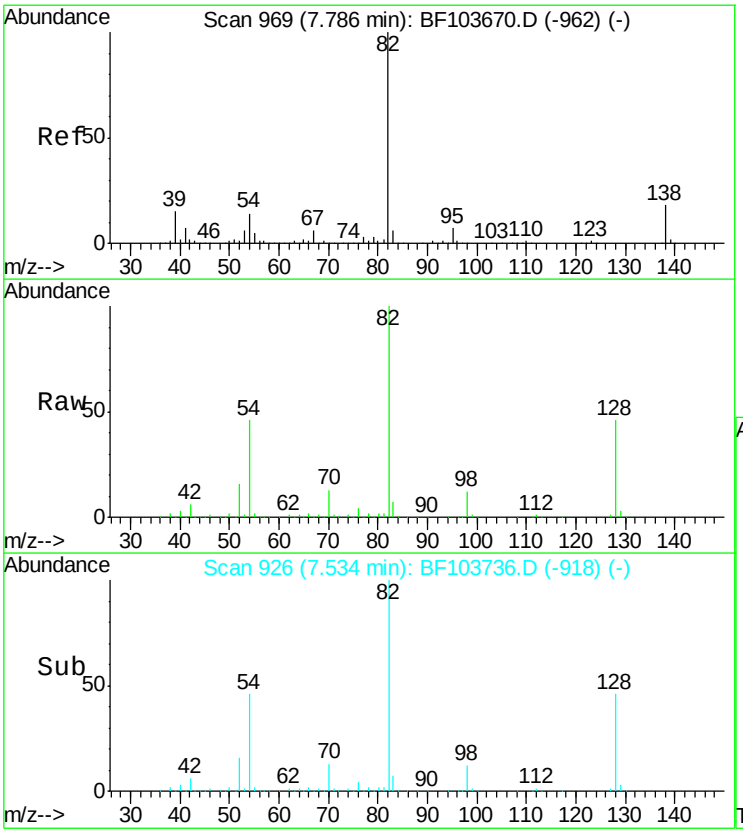
#23
Nitrobenzene-d5
Concen: 113.154 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1101531

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.9	41.4	62.2

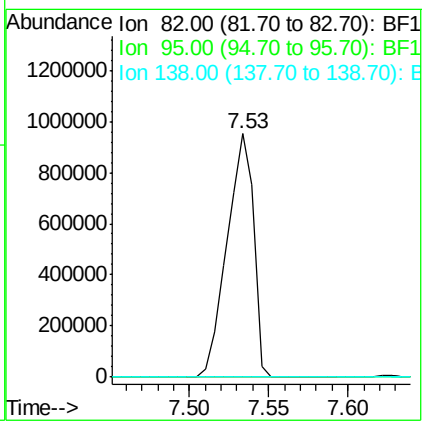


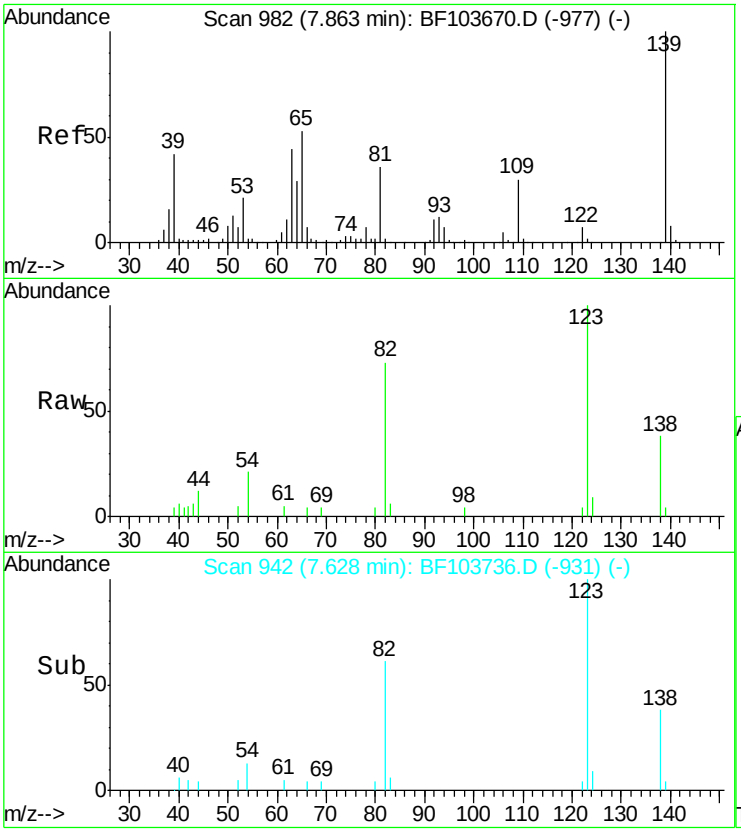


#25
Isophorone
Concen: 48.880 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion: 82 Resp: 1101520

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



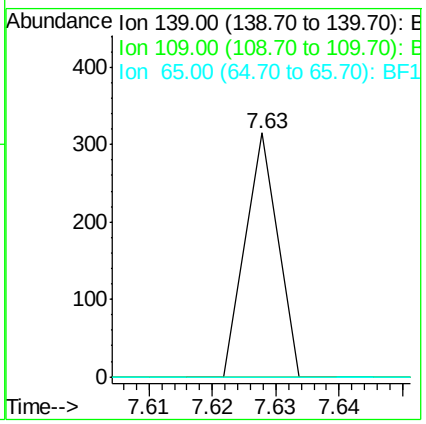


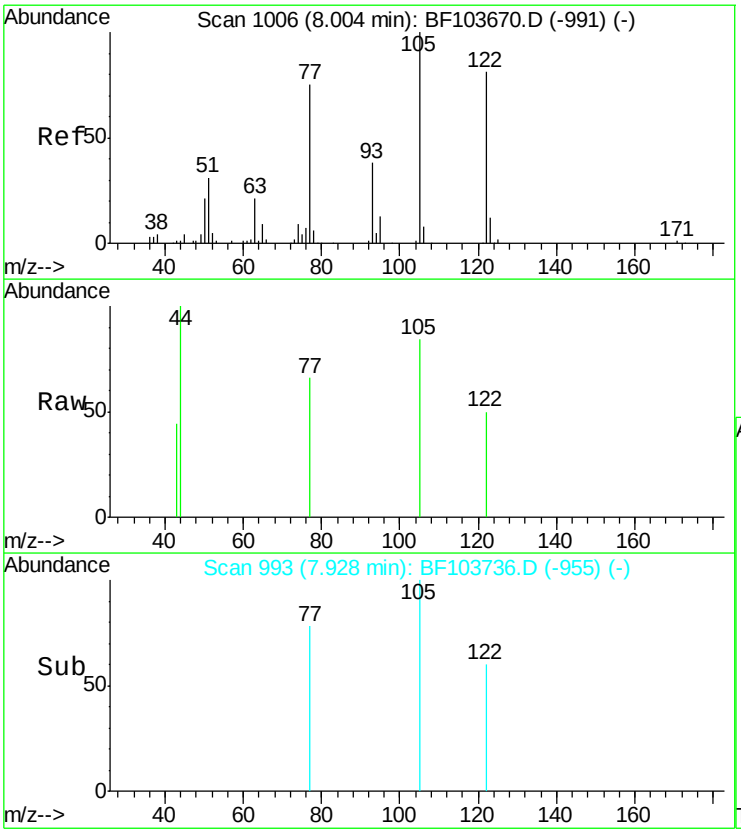
#26
2-Nitrophenol
Concen: 9.467 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.23 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 111

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

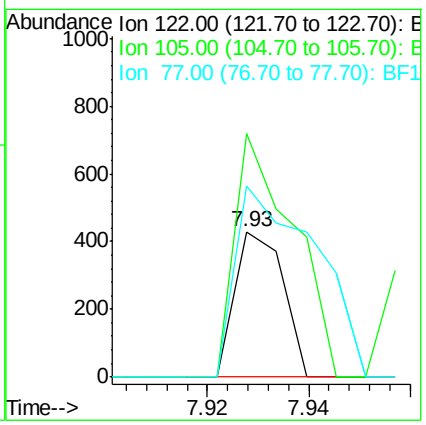


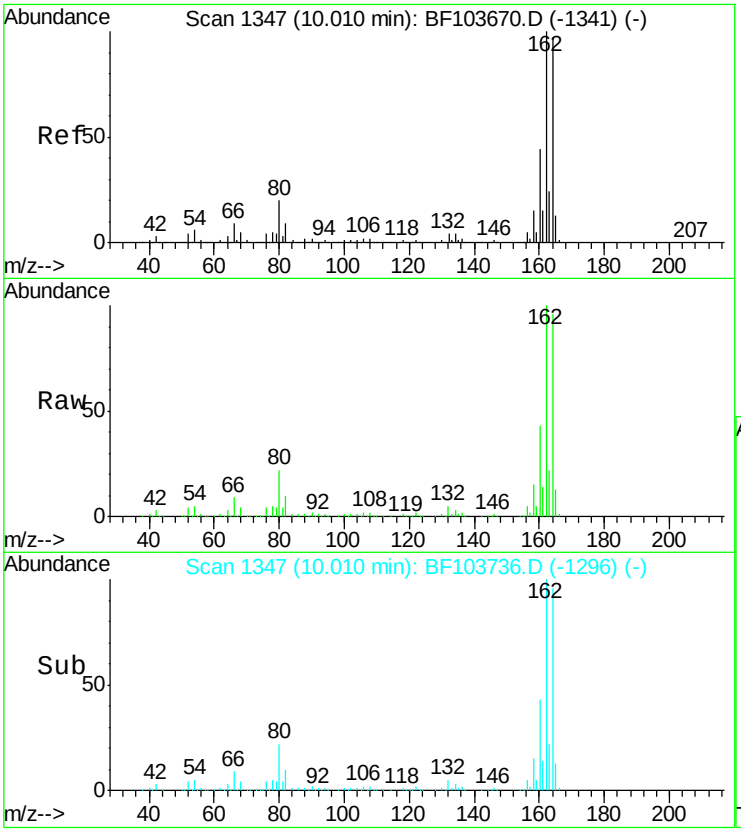


#32
Benzoic acid
Concen: 9.938 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.08 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:122 Resp: 283

Ion	Ratio	Lower	Upper
122	100		
105	167.2	101.1	141.1#
77	130.9	70.7	110.7#



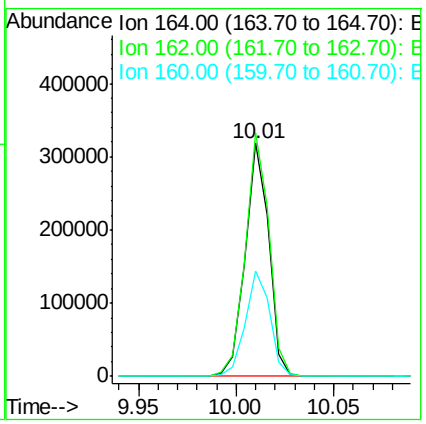


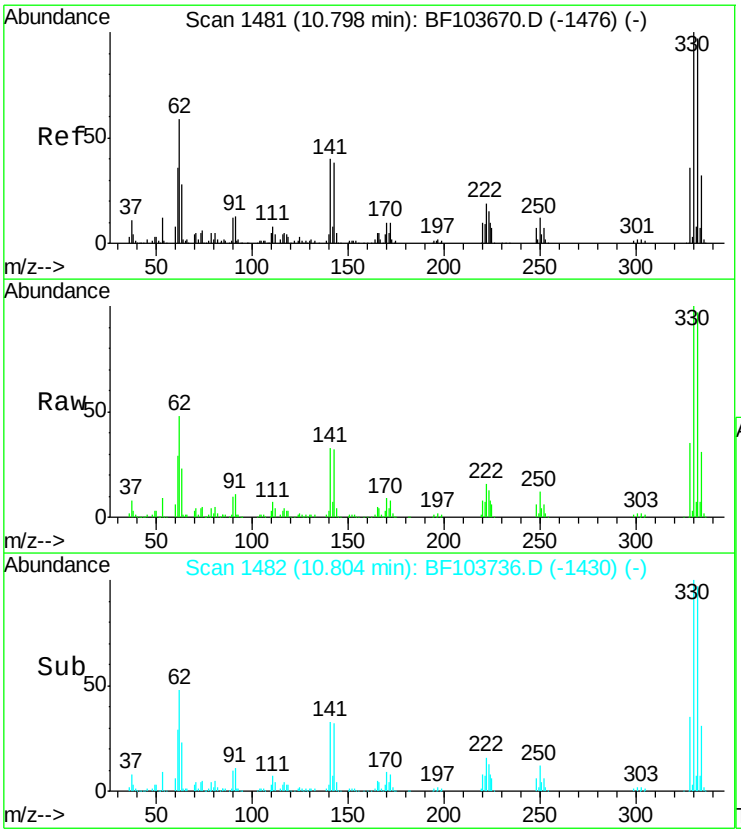
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 266425

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.4	38.3	57.5

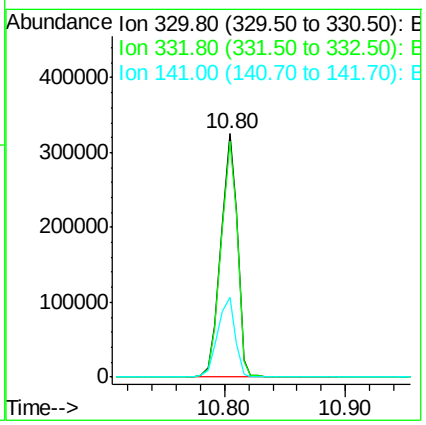


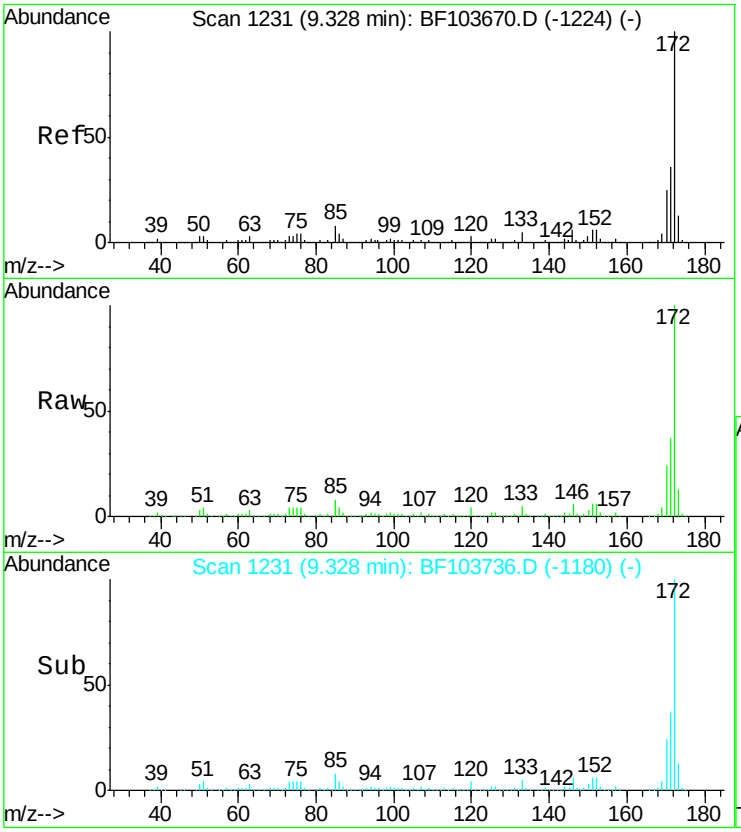


#41
2,4,6-Tribromophenol
Concen: 133.710 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:330 Resp: 306295

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.4	29.9	44.9



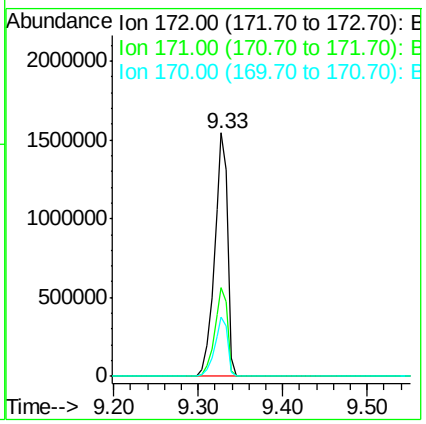


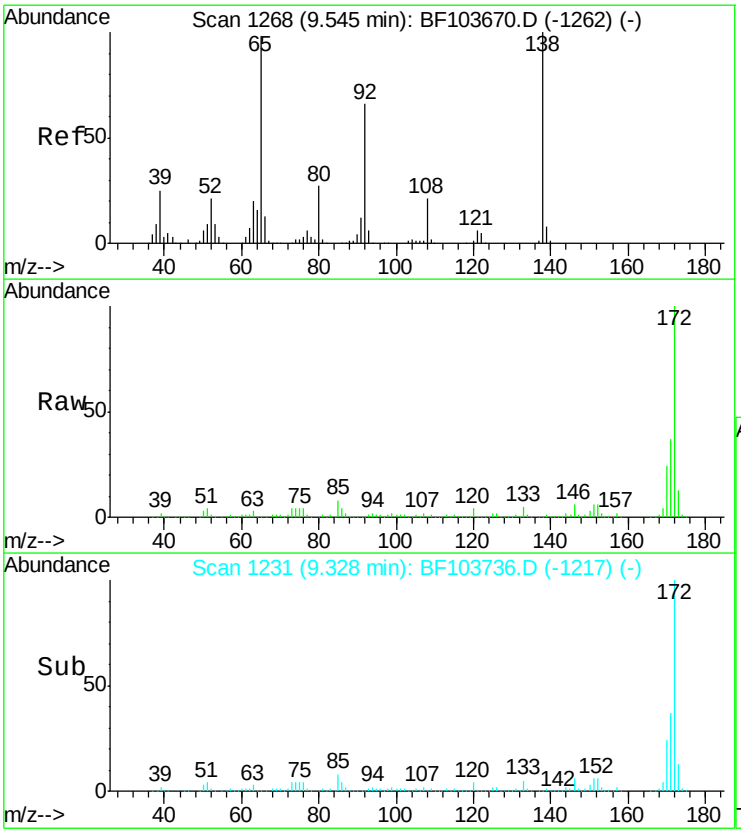
#44
2-Fluorobiphenyl
Concen: 101.310 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1692103

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

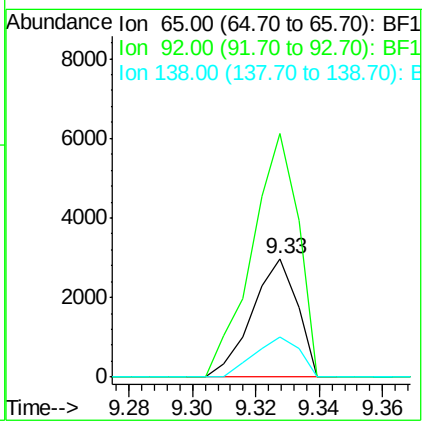


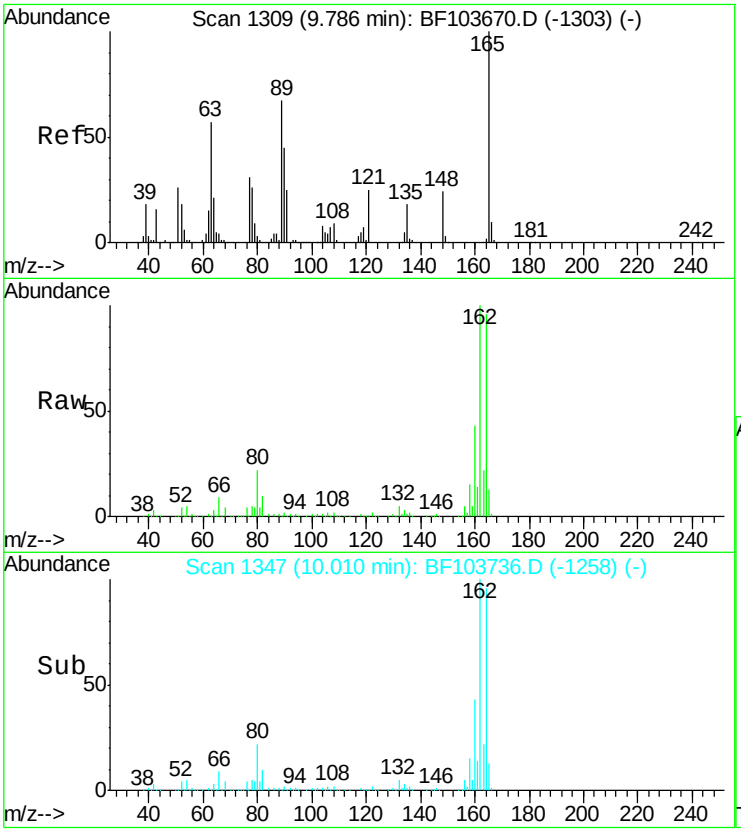


#47
2-Nitroaniline
Concen: 7.362 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.22 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion: 65 Resp: 2945

Ion	Ratio	Lower	Upper
65	100		
92	205.5	55.8	83.6#
138	34.4	91.2	136.8#



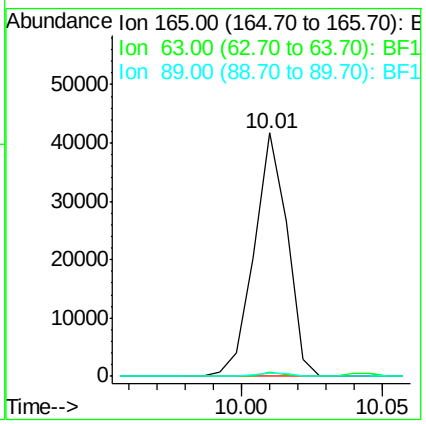


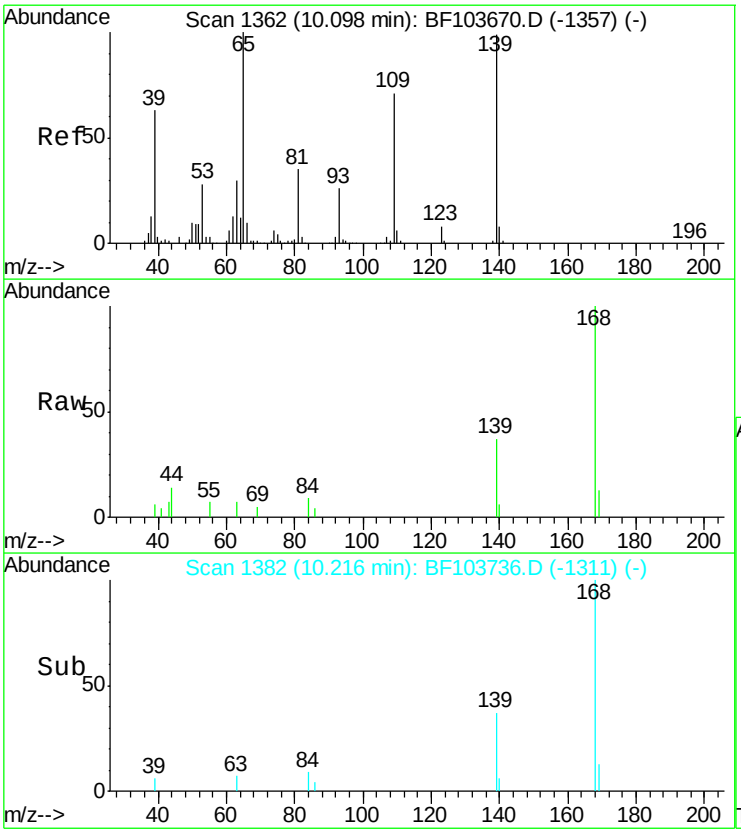
#50
2,6-Dinitrotoluene
Concen: 11.916 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34014

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.1	44.0	66.0#

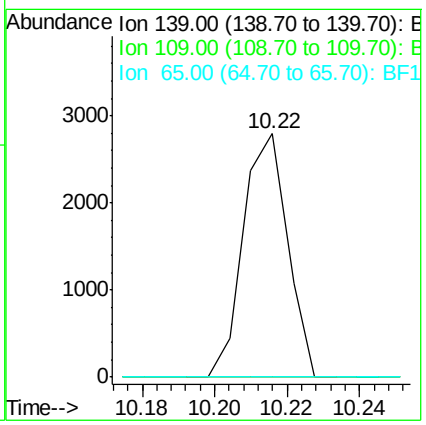


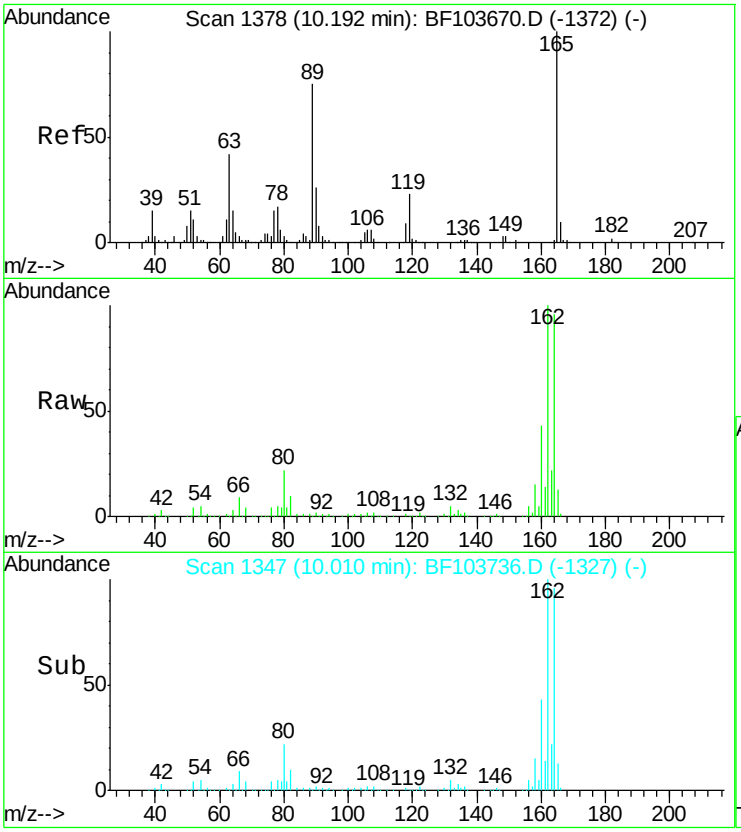


#55
4-Nitrophenol
Concen: 5.566 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:139 Resp: 2364

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



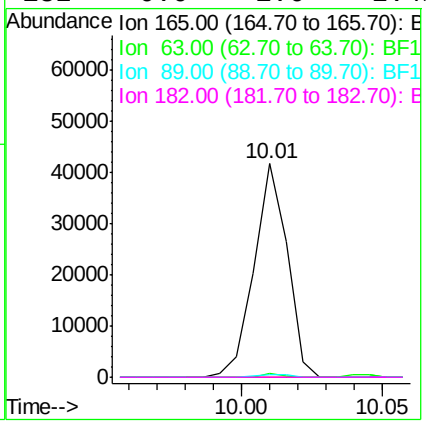


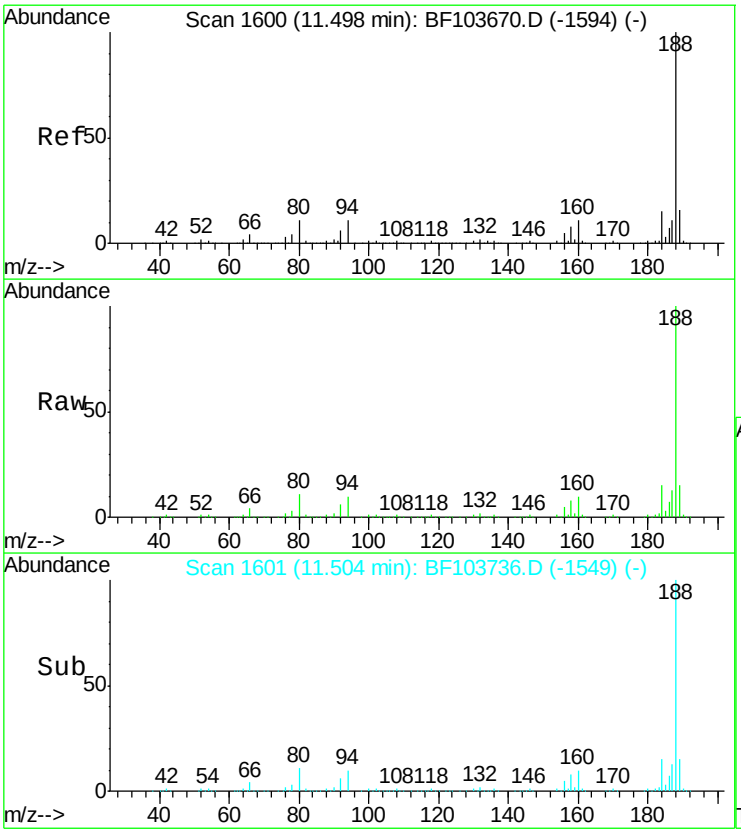
#56
2,4-Dinitrotoluene
Concen: 12.158 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34014

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

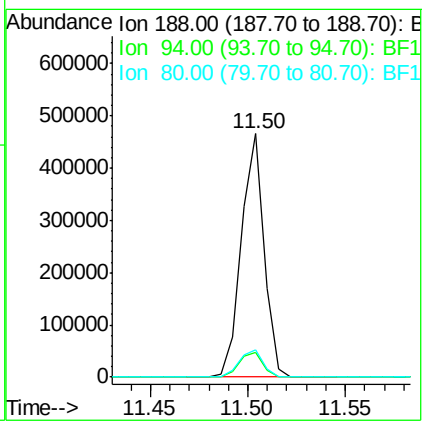


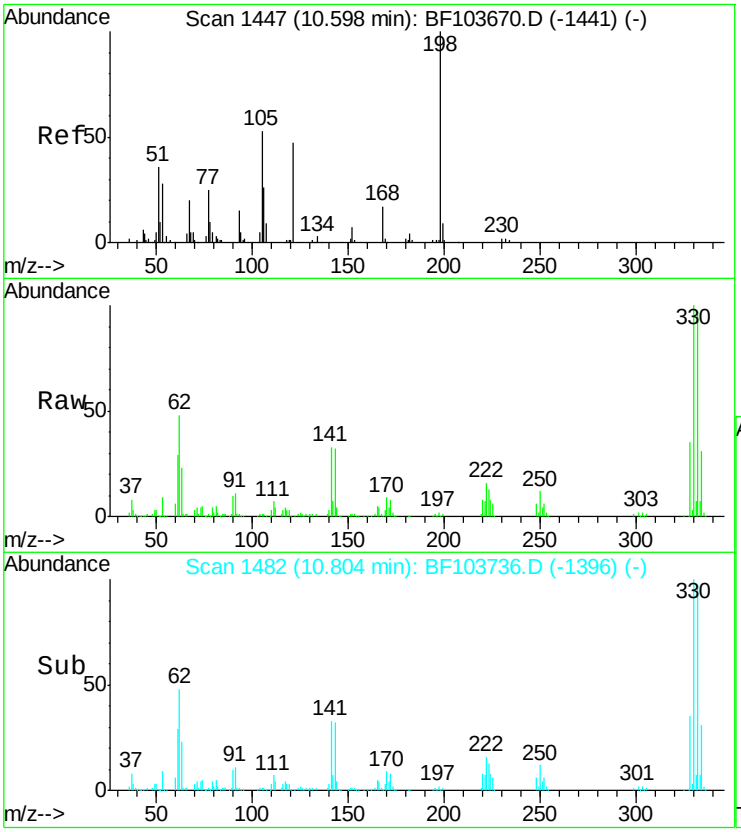


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:188 Resp: 375961

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.1	9.2	13.8



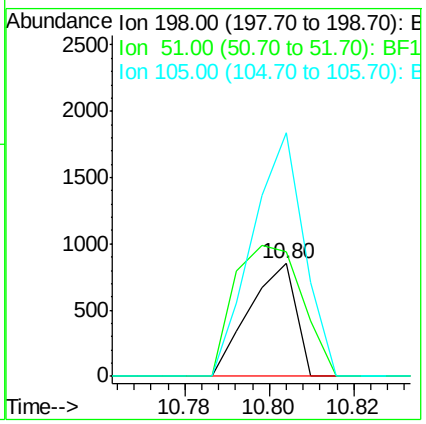


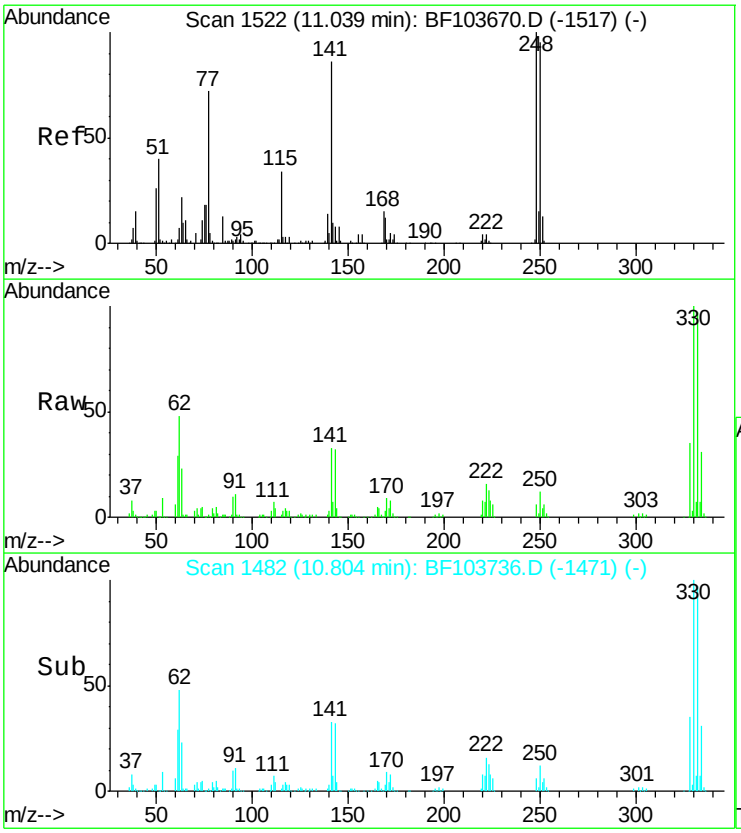
#64
4,6-Dinitro-2-methylphenol
Concen: 8.641 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 658

Ion	Ratio	Lower	Upper
198	100		
51	110.7	37.7	77.7#
105	216.1	36.3	76.3#

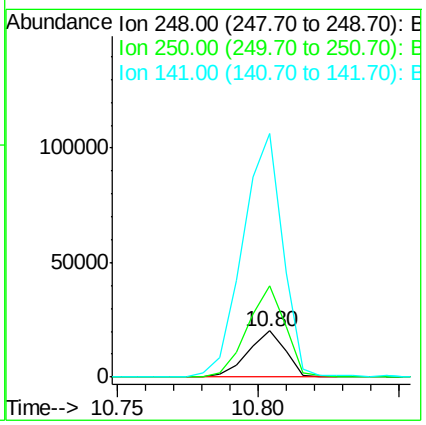


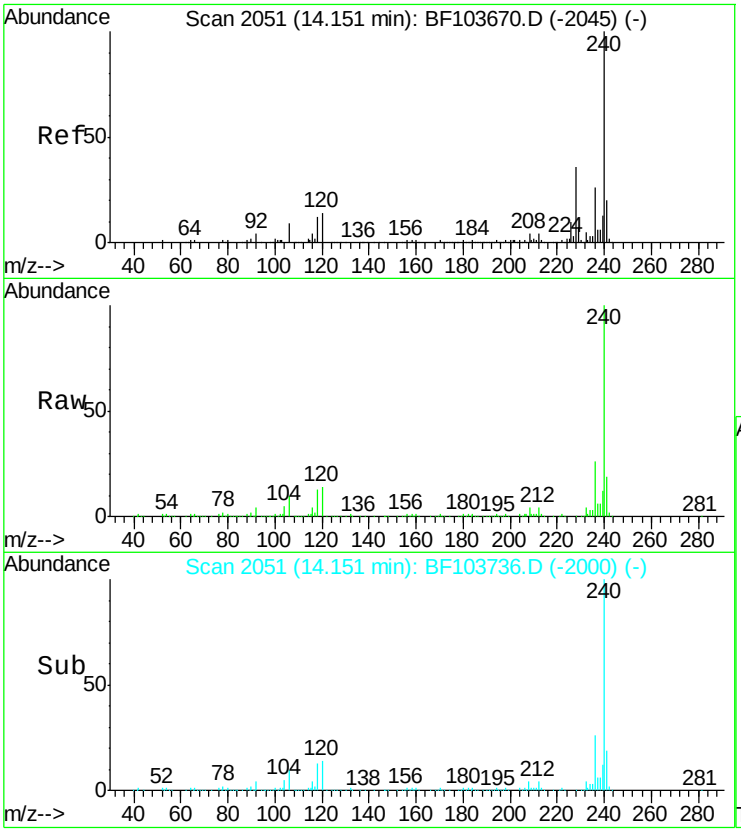


#66
4-Bromophenyl-phenylether
Concen: 4.788 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:248 Resp: 18483

Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.9	115.3#
141	529.2	74.4	111.6#



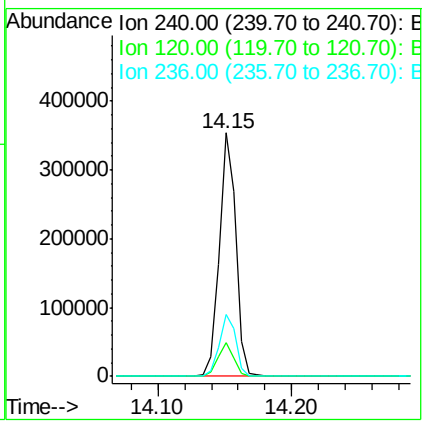


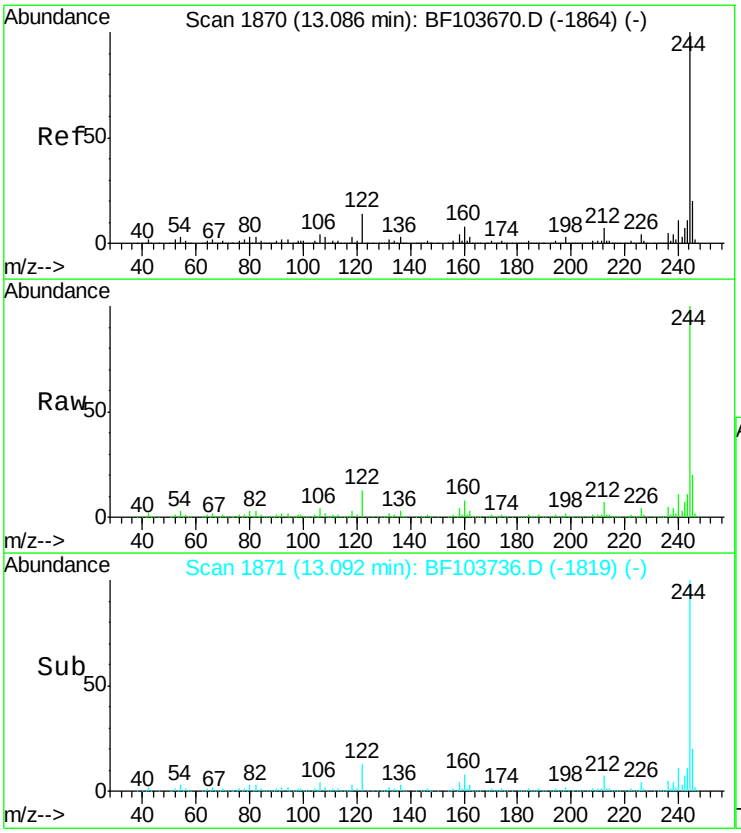
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 308720

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.7	20.7	31.1

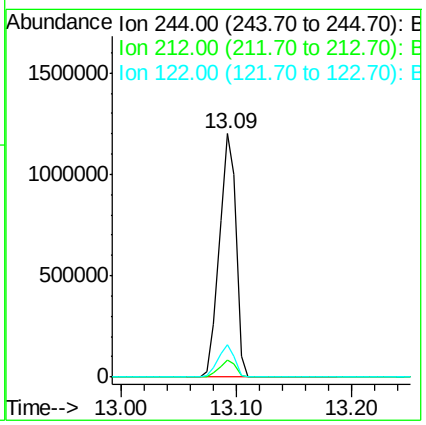


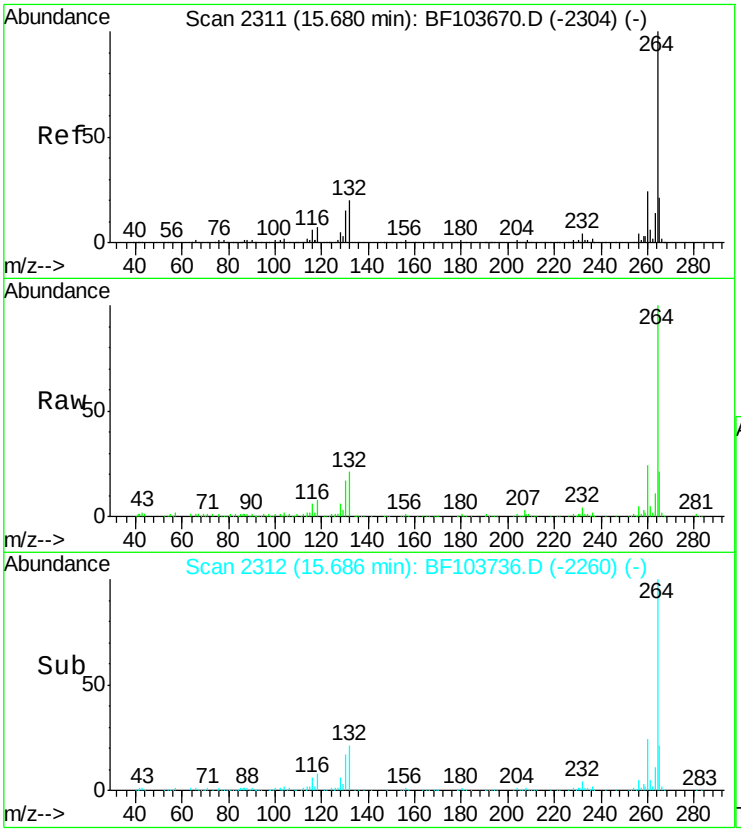


#78
Terphenyl-d14
Concen: 89.830 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103736.D
Acq: 17 Mar 2018 11:38

Tgt Ion:244 Resp: 1194770

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	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: BF103736.D
Acq: 17 Mar 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 231127

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3