Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103084.D
Acq On : 19 Feb 2018 16:05
Operator : SJ/JU
Sample : J1606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 17:03:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180969	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	736628	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	319445	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	490038	20.00	ng		0.00
75) Chrysene-d12	14.04	240	298704	20.00	ng		-0.01
86) Perylene-d12	15.54	264	318358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1160021	97.35	ng		0.01
7) Phenol-d6	6.51	99	1407395	98.09	ng		0.00
23) Nitrobenzene-d5	7.44	82	907561	85.47	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	276373	107.49	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1356879	70.48	ng		0.00
78) Terphenyl-d14	12.99	244	927356	73.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	24460	2.296	ng		83
19) n-Nitroso-di-n-propylamine	7.44	70	121393	12.832	ng	#	82
25) Isophorone	7.44	82	907544	37.116	ng	#	64
47) 2-Nitroaniline	9.55	65	1160	3.637	ng	#	22
49) Dimethylphthalate	9.62	163	87935	3.530	ng	#	98
50) 2,6-Dinitrotoluene	9.92	165	41147	8.683	ng	#	26
55) 4-Nitrophenol	10.12	139	123	4.048	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	41147	9.135	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	572	9.052	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	17518	3.379	ng	#	1

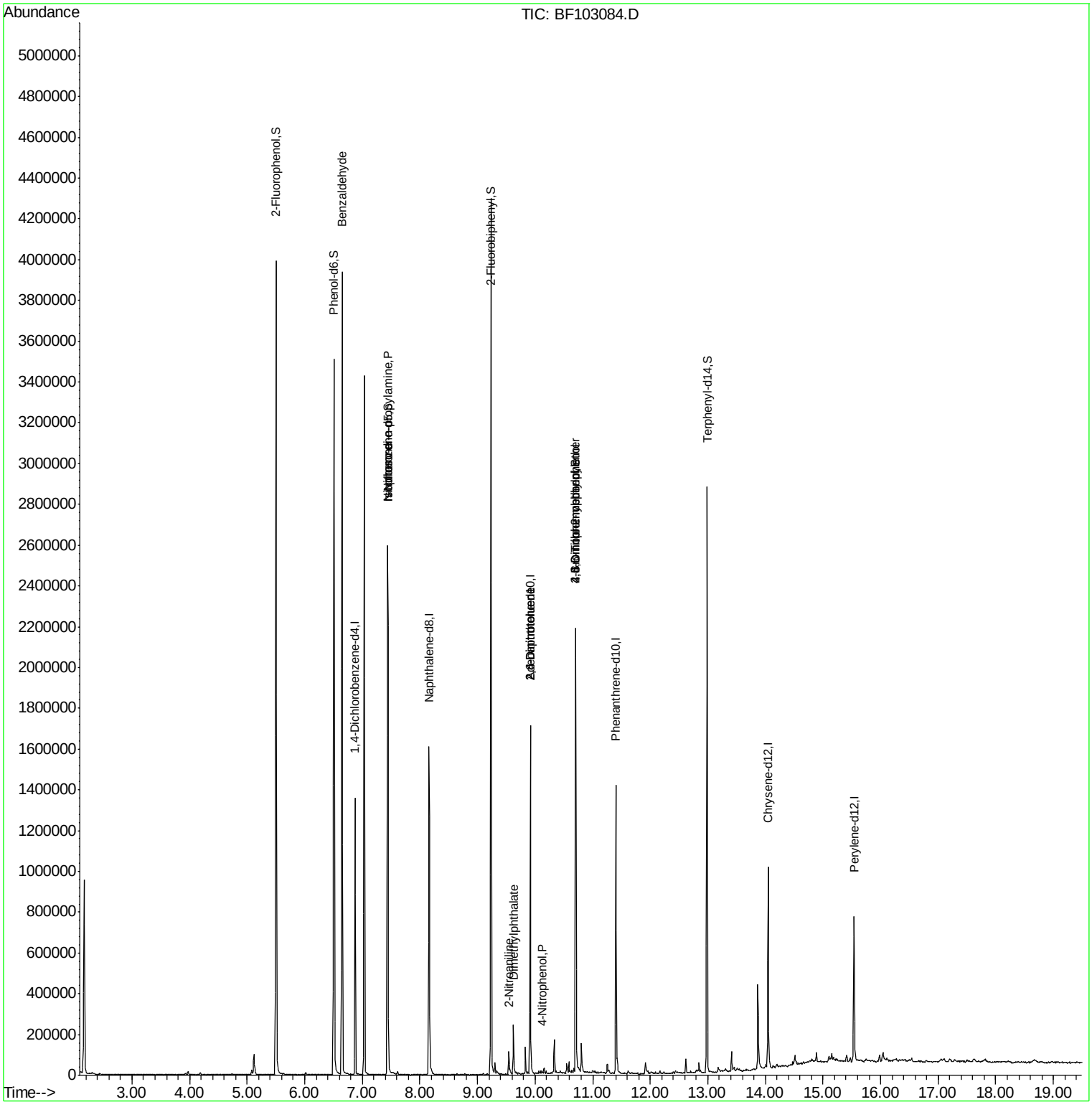
(#) = qualifier out of range (m) = manual integration (+) = signals summed

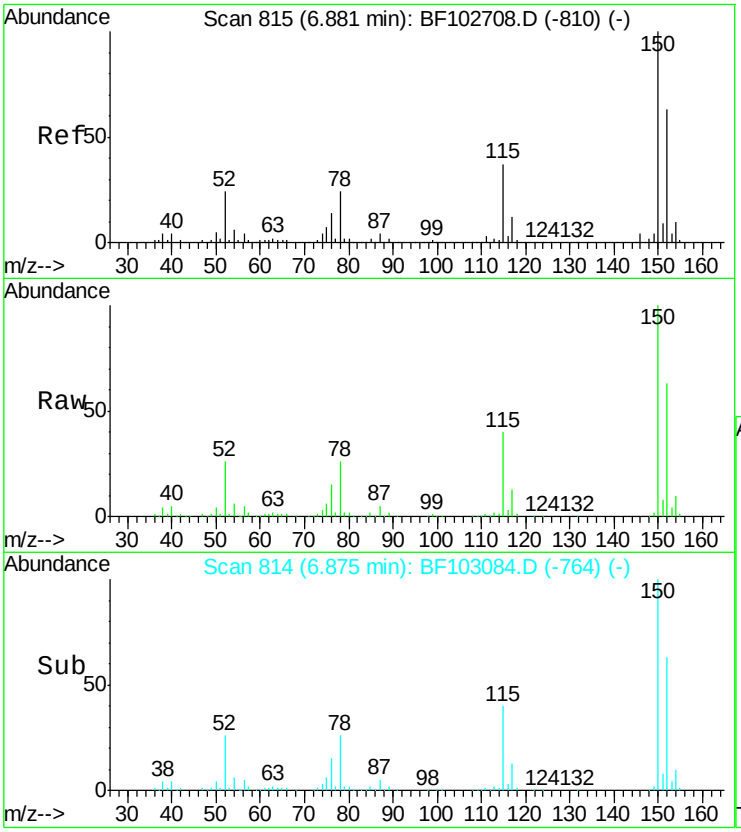
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103084.D
Acq On : 19 Feb 2018 16:05
Operator : SJ/JU
Sample : J1606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 19 17:03:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



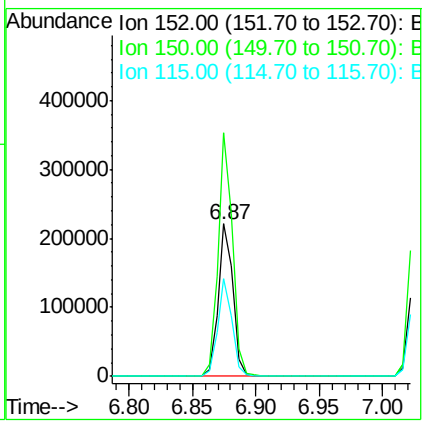


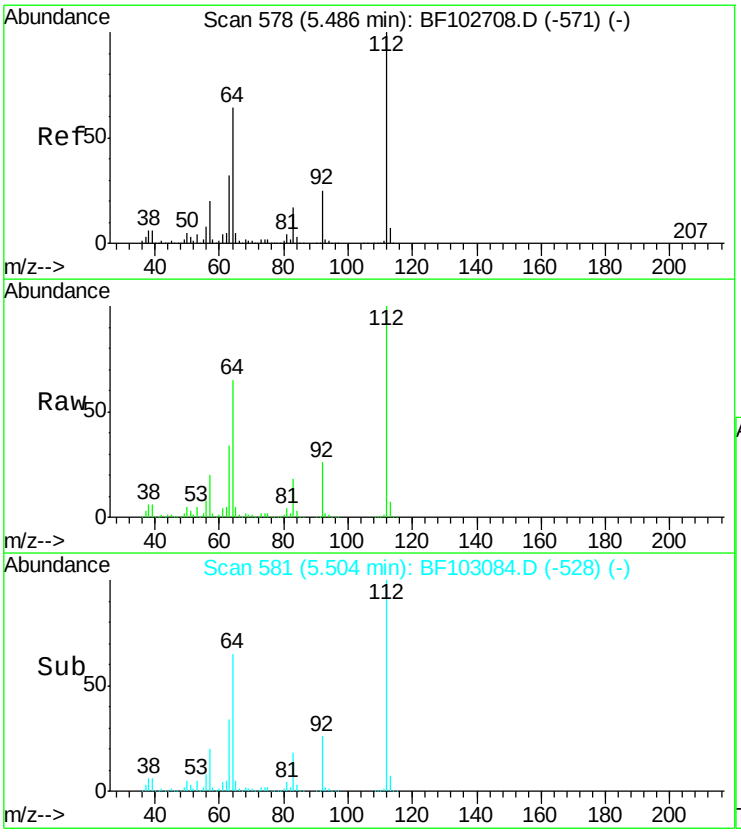
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 180969

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	64.2	50.1	75.1

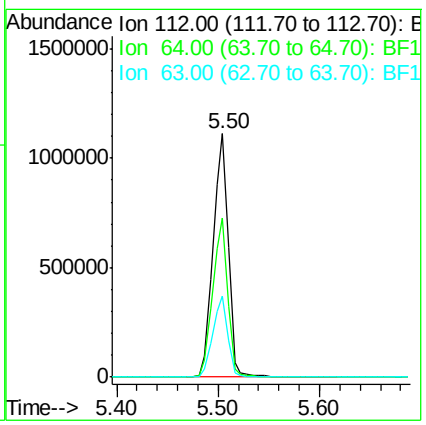


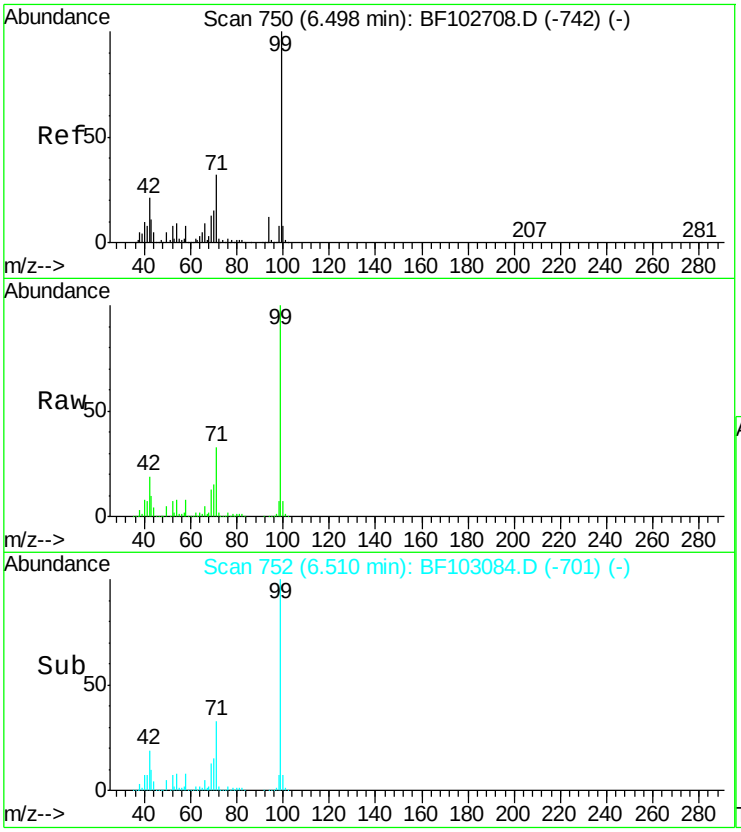


#5
2-Fluorophenol
Concen: 97.347 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:112 Resp: 1160021

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.5	23.7	35.5



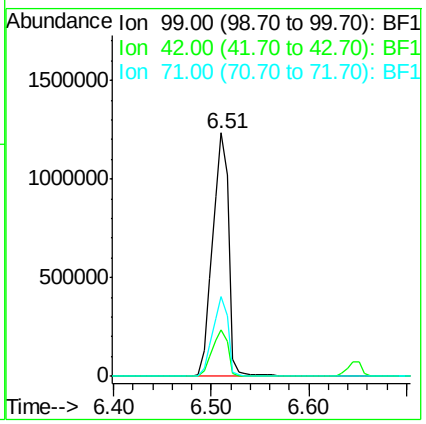


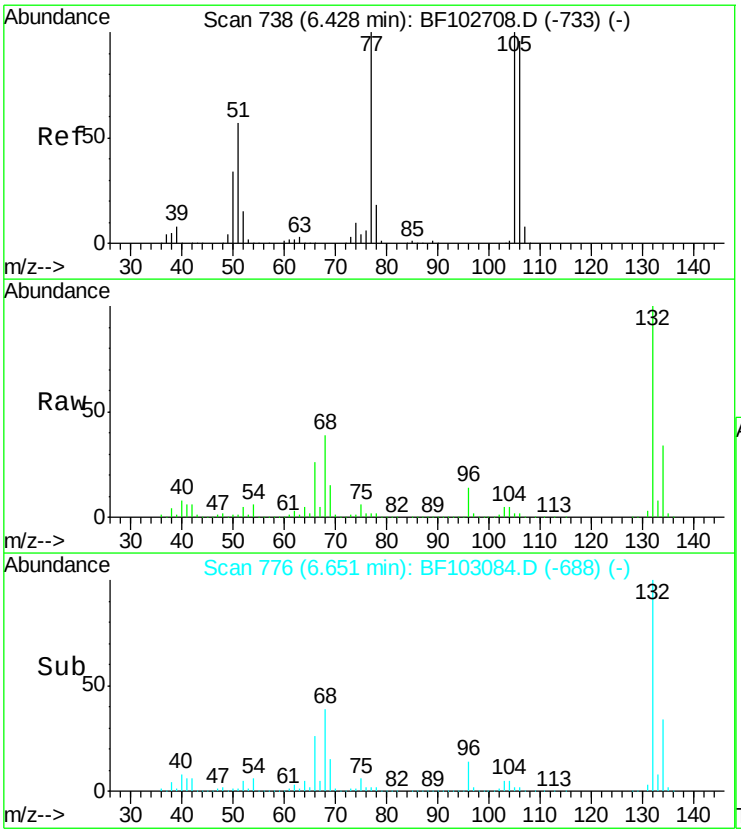
#7
Phenol-d6
Concen: 98.090 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1407395

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.6	25.4	38.0

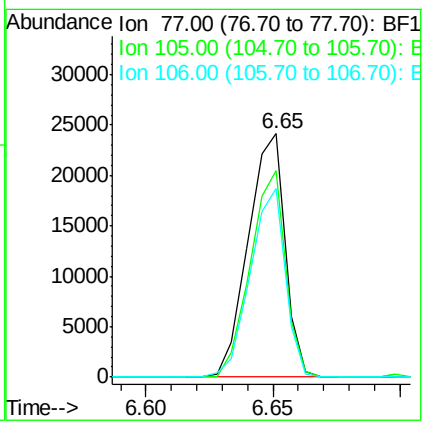


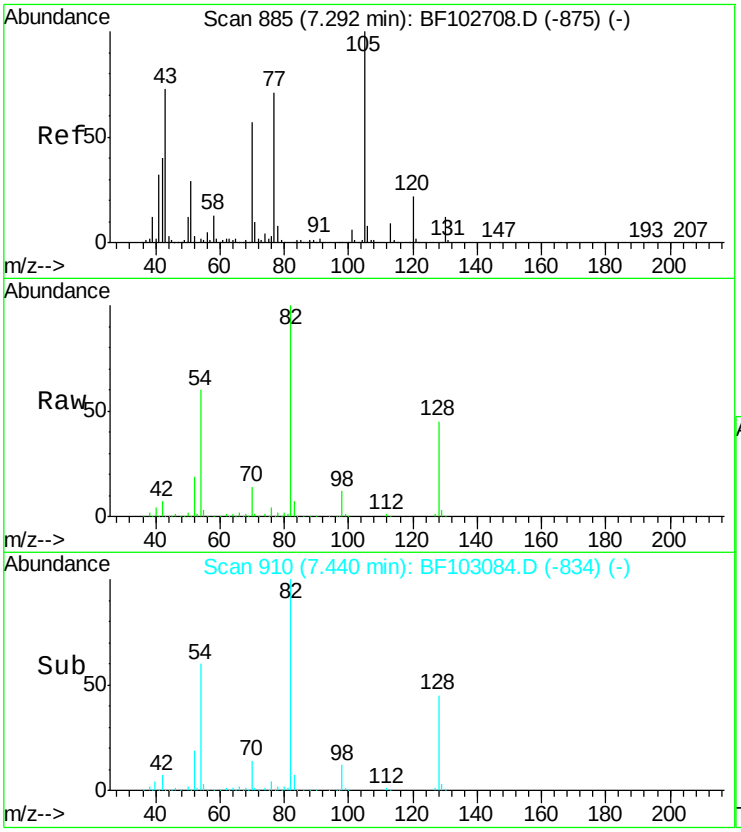


#9
Benzaldehyde
Concen: 2.296 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion: 77 Resp: 24460

Ion	Ratio	Lower	Upper
77	100		
105	84.9	81.1	121.1
106	77.6	74.5	114.5



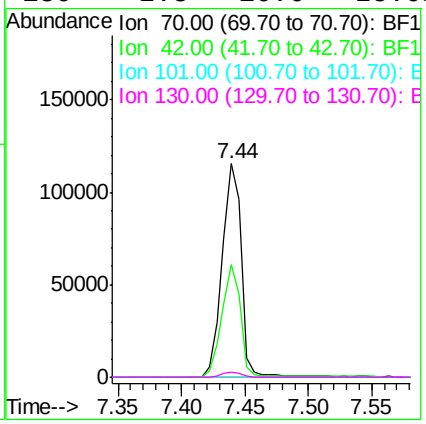


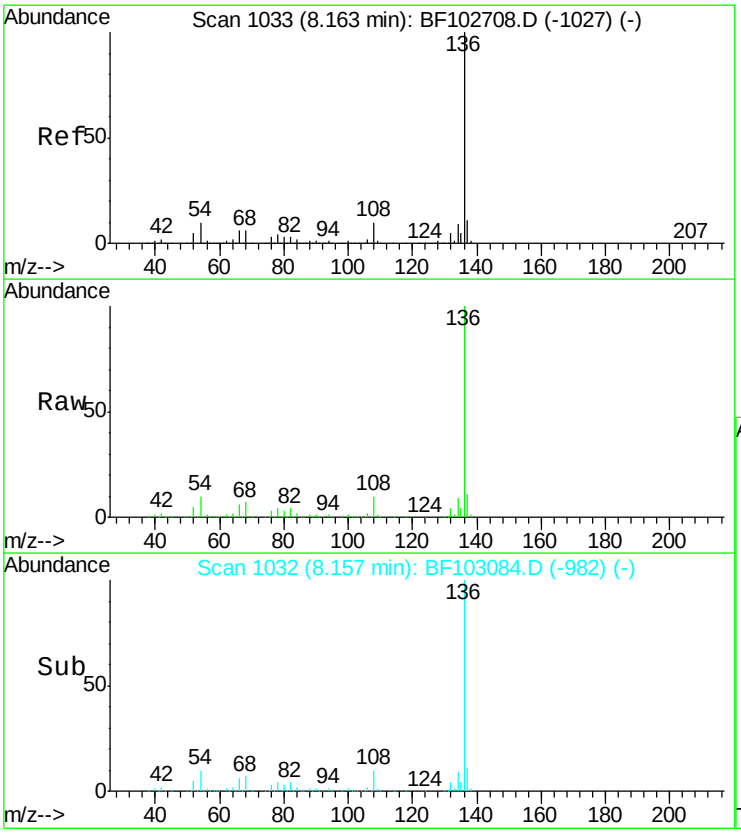
#19
n-Nitroso-di-n-propylamine
Concen: 12.832 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121393

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

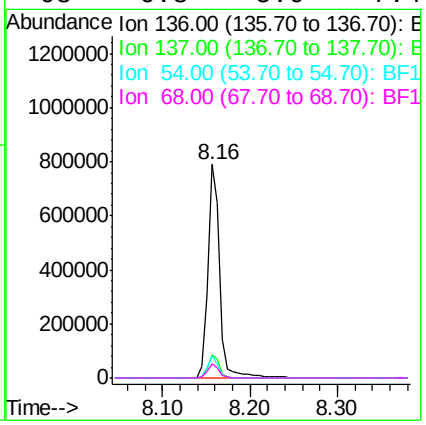


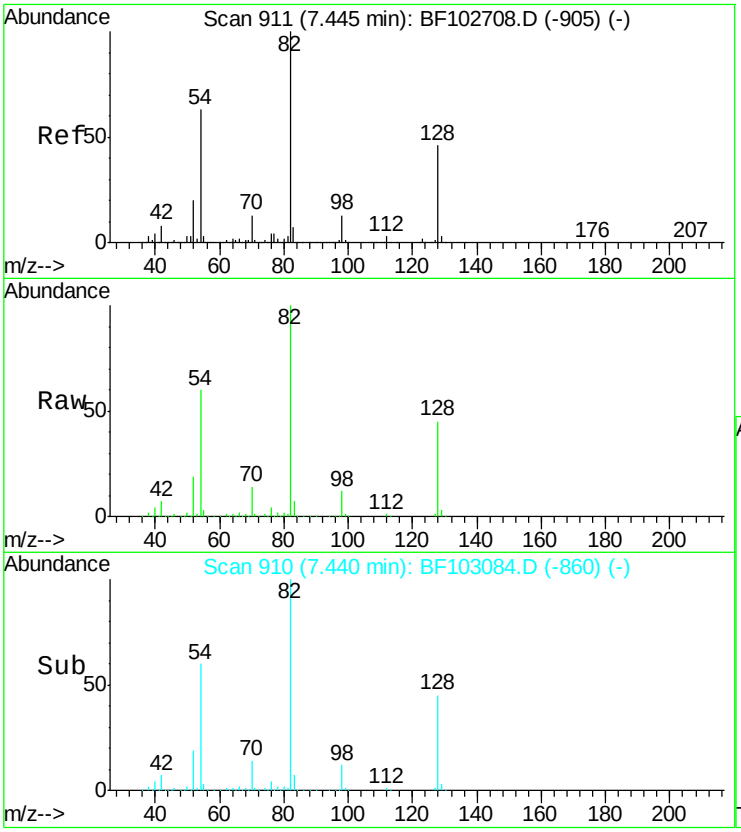


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:136 Resp: 736628

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.2	6.6	9.8#
68	6.8	5.0	7.4



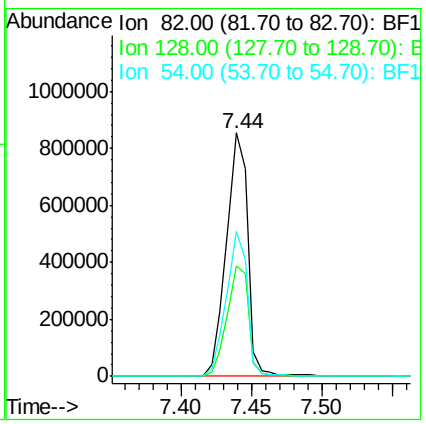


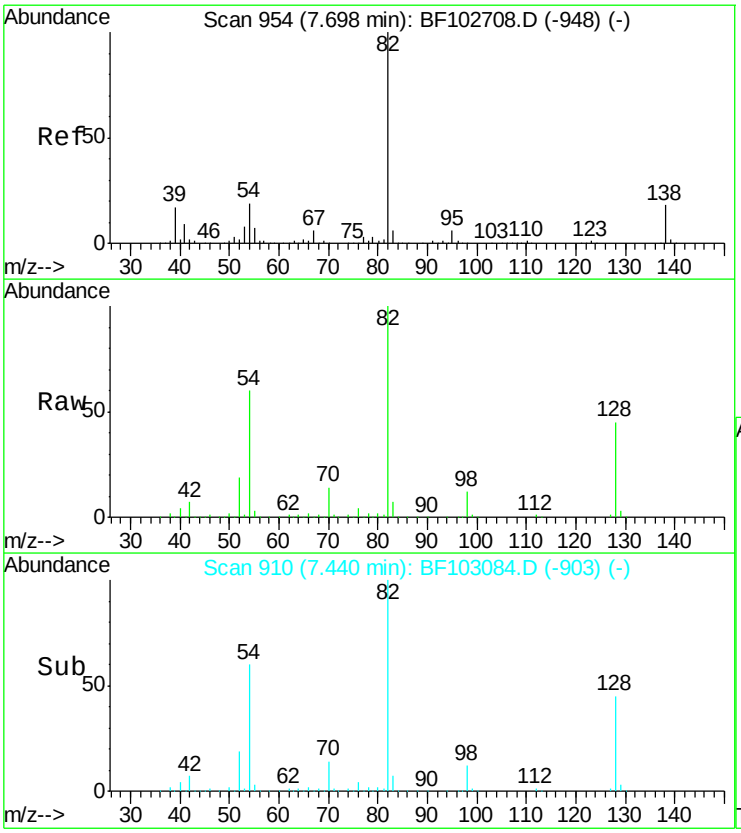
#23
Nitrobenzene-d5
Concen: 85.468 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 907561

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	59.8	41.4	62.2

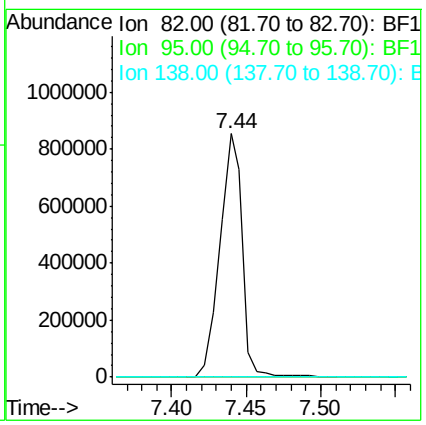


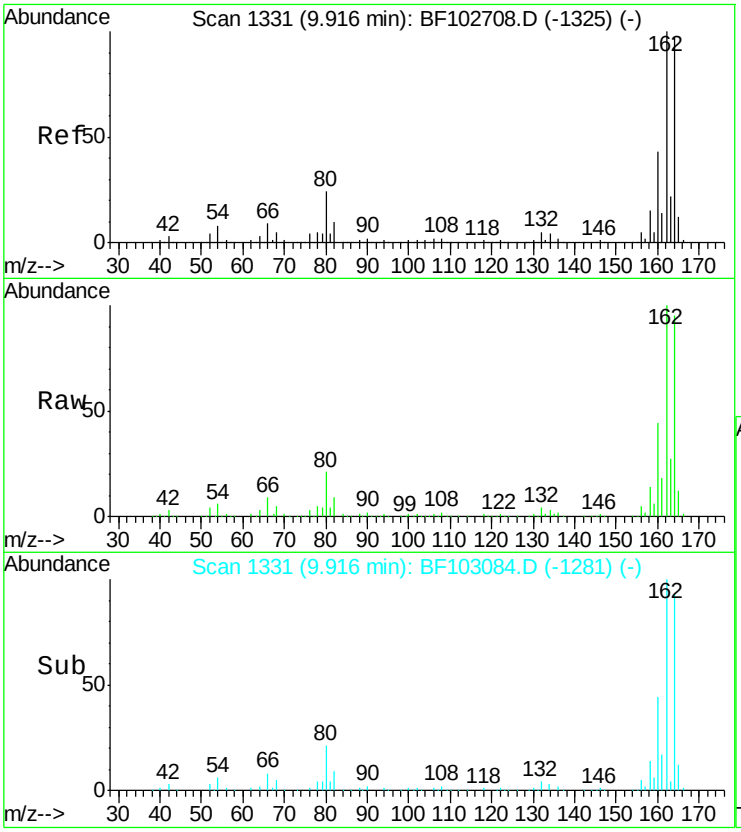


#25
Isophorone
Concen: 37.116 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion: 82 Resp: 907544

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



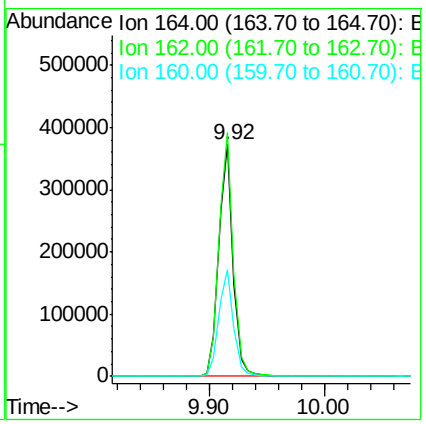


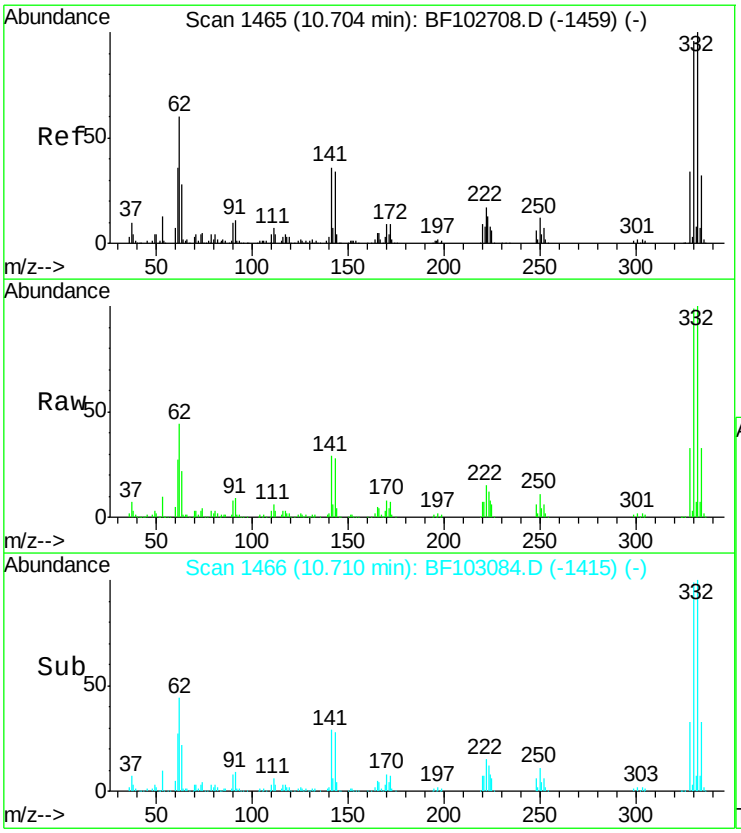
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 319445

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.9	38.3	57.5

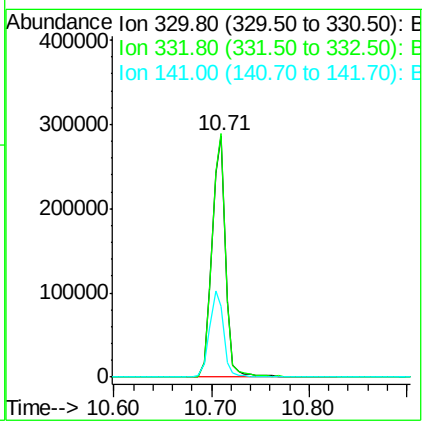


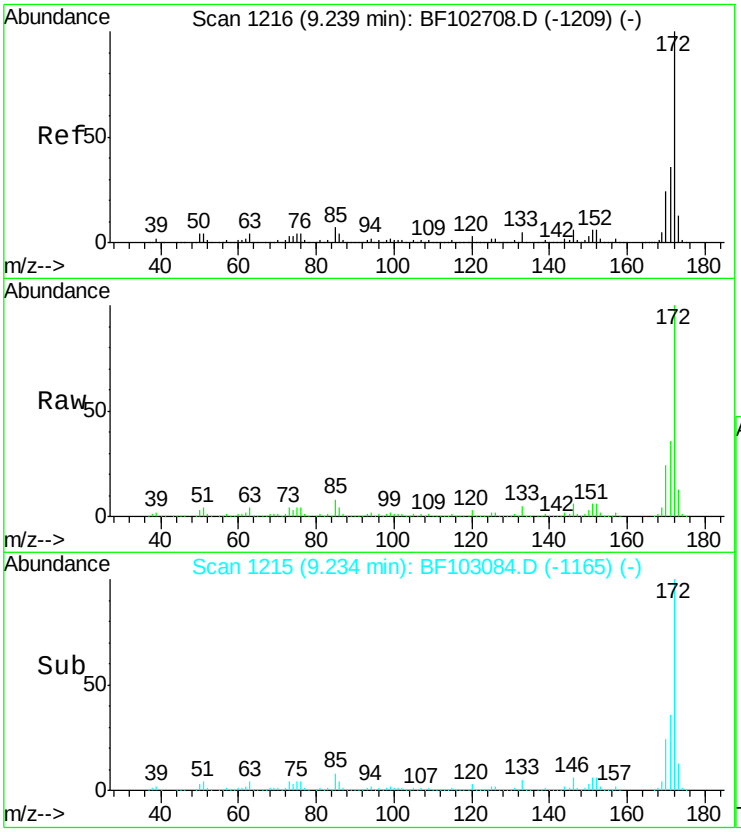


#41
2,4,6-Tribromophenol
Concen: 107.490 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:330 Resp: 276373

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	37.3	29.9	44.9



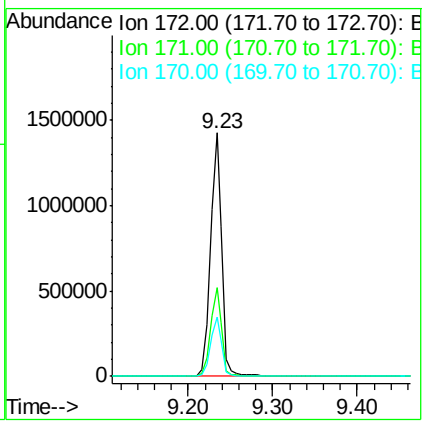


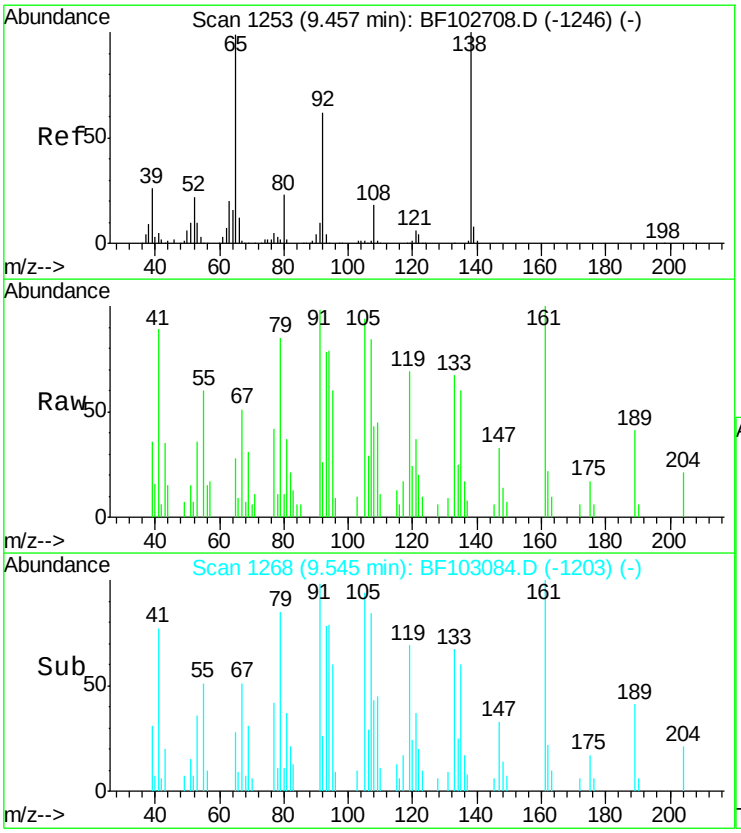
#44
2-Fluorobiphenyl
Concen: 70.483 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1356879

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

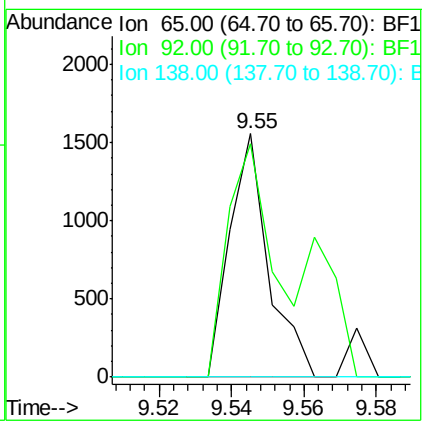


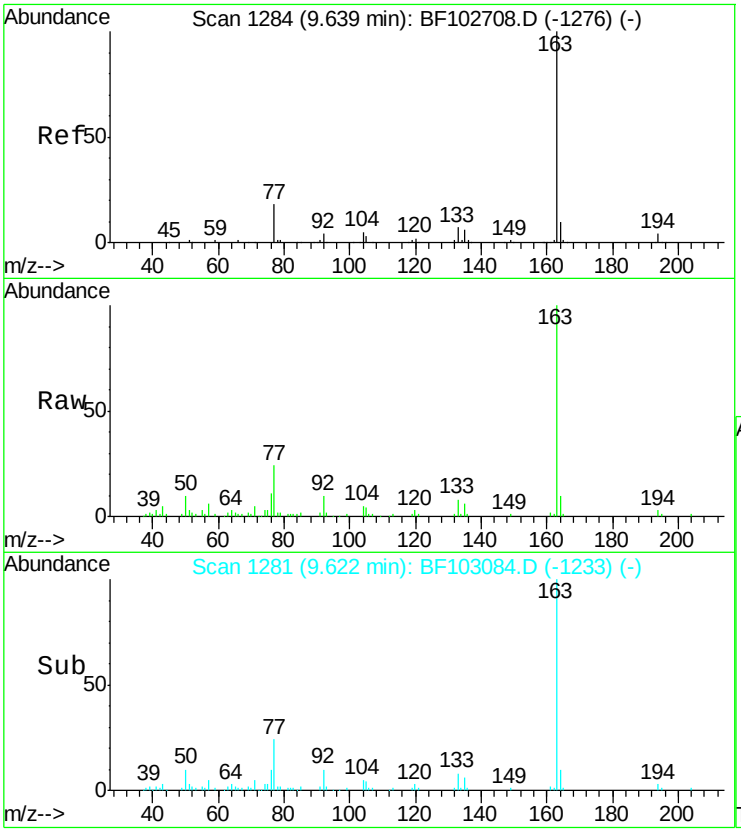


#47
2-Nitroaniline
Concen: 3.637 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.08 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion: 65 Resp: 1160

Ion	Ratio	Lower	Upper
65	100		
92	95.6	55.8	83.6#
138	0.0	91.2	136.8#



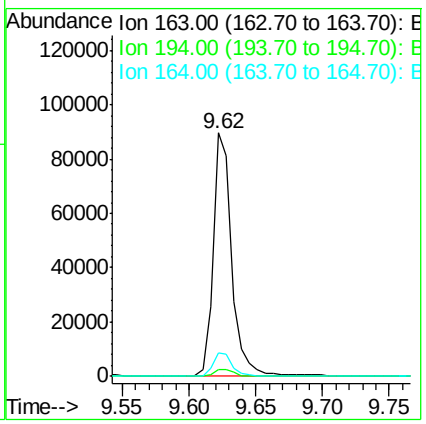


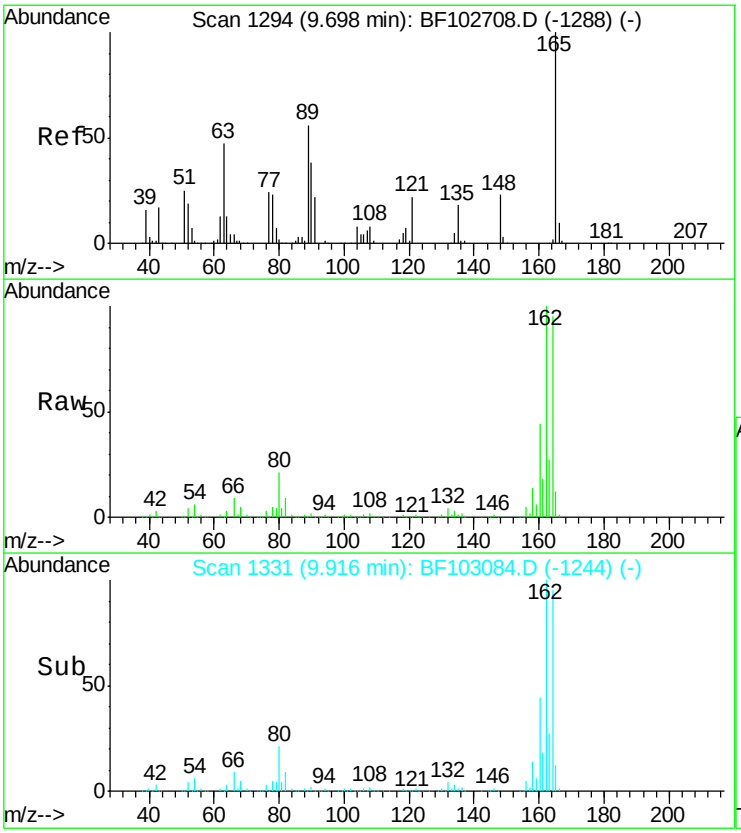
#49
Dimethylphthalate
Concen: 3.530 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 87935

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.7	4.1#
164	9.7	8.2	12.2

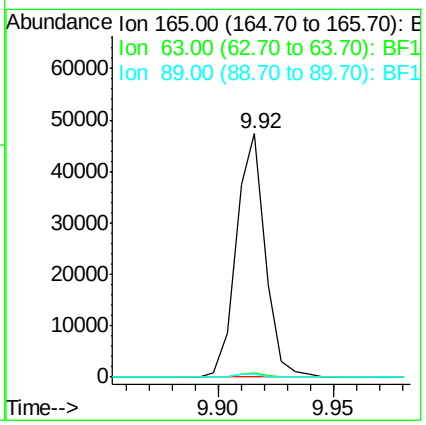


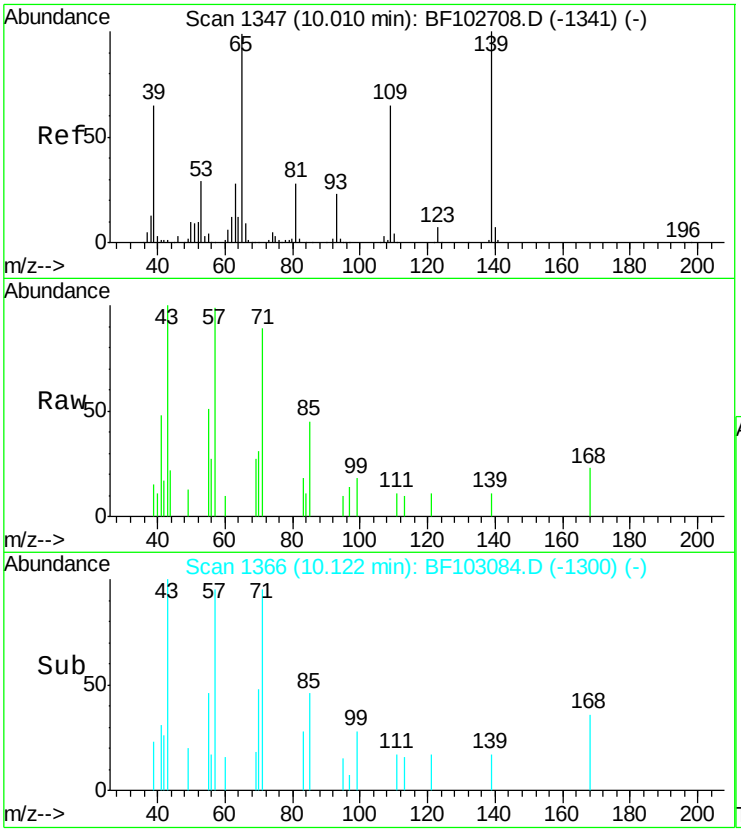


#50
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:165 Resp: 41147

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.4	44.0	66.0#



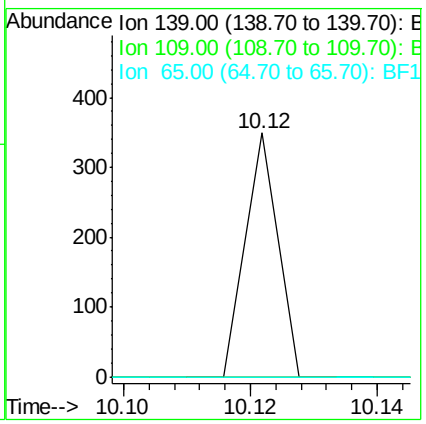


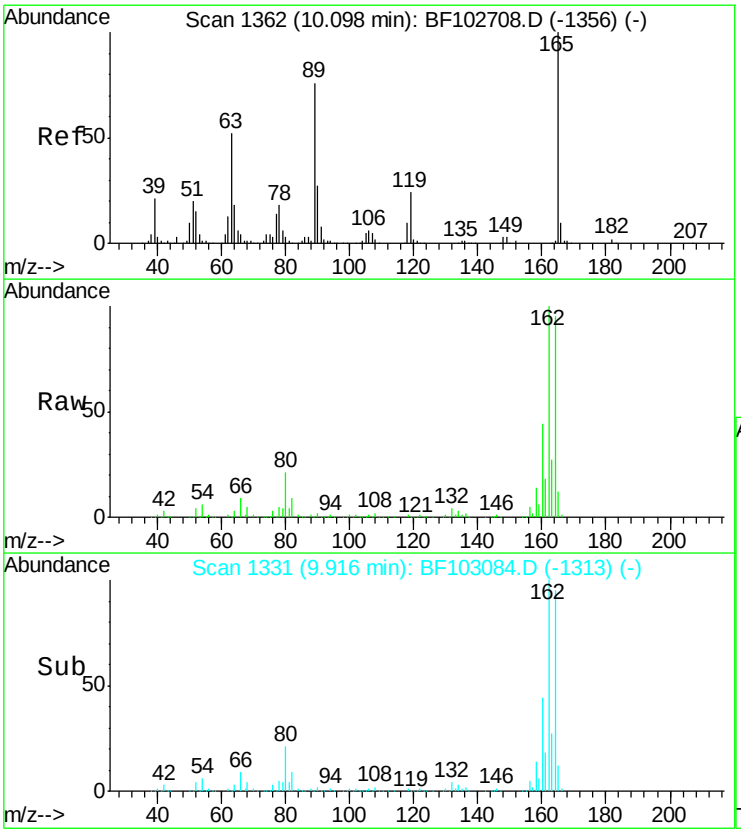
#55
4-Nitrophenol
Concen: 4.048 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 123

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

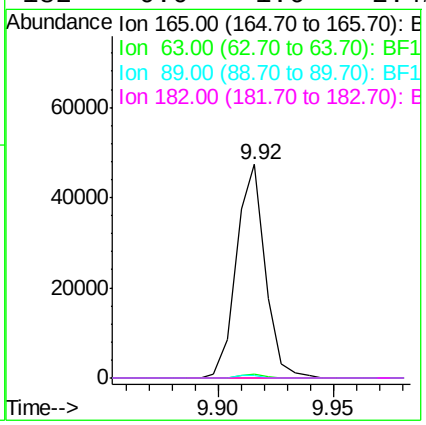


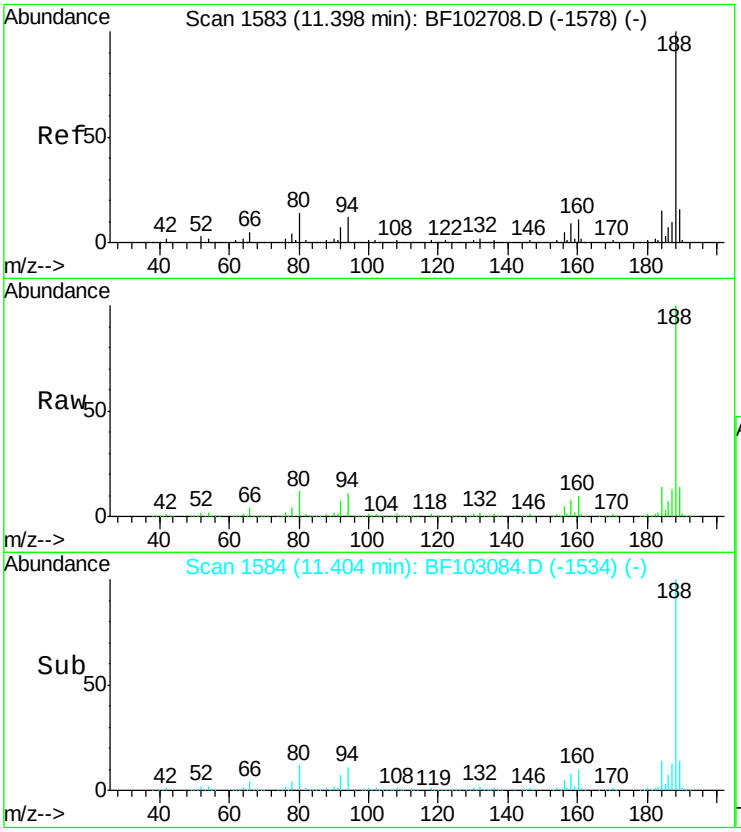


#56
2,4-Dinitrotoluene
Concen: 9.135 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:165 Resp: 41147

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



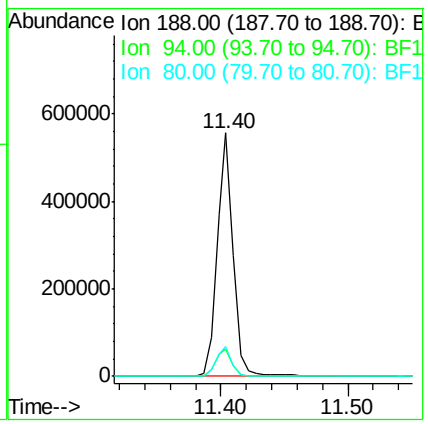


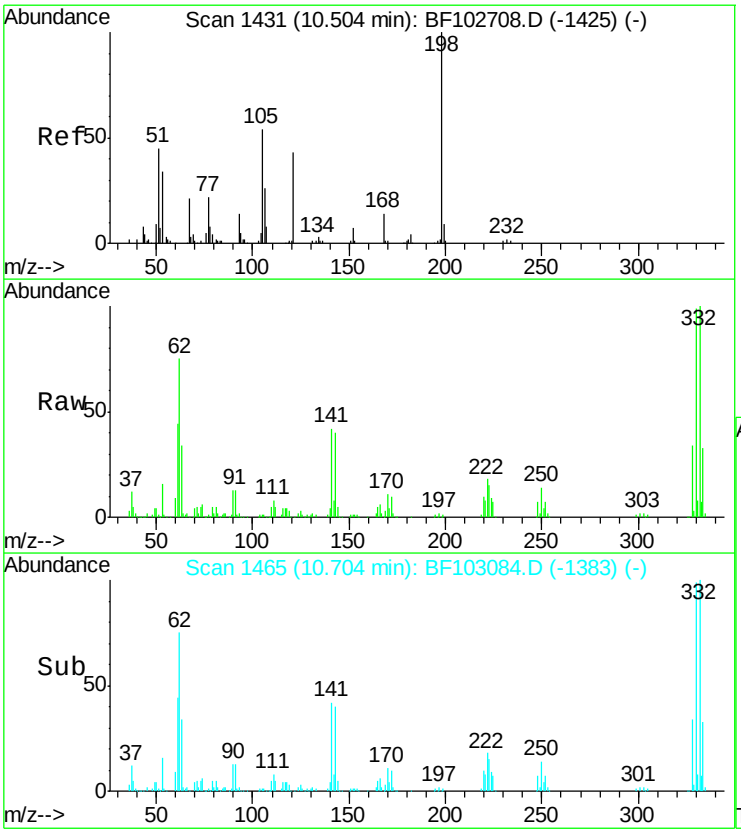
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 490038

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.1	9.2	13.8

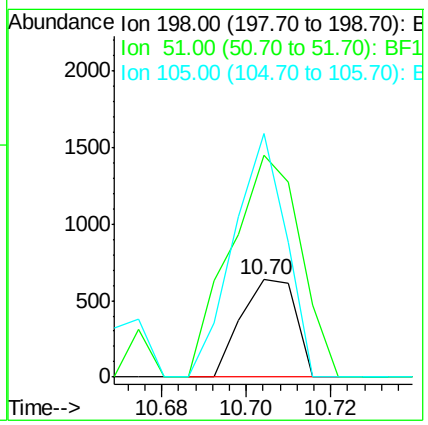


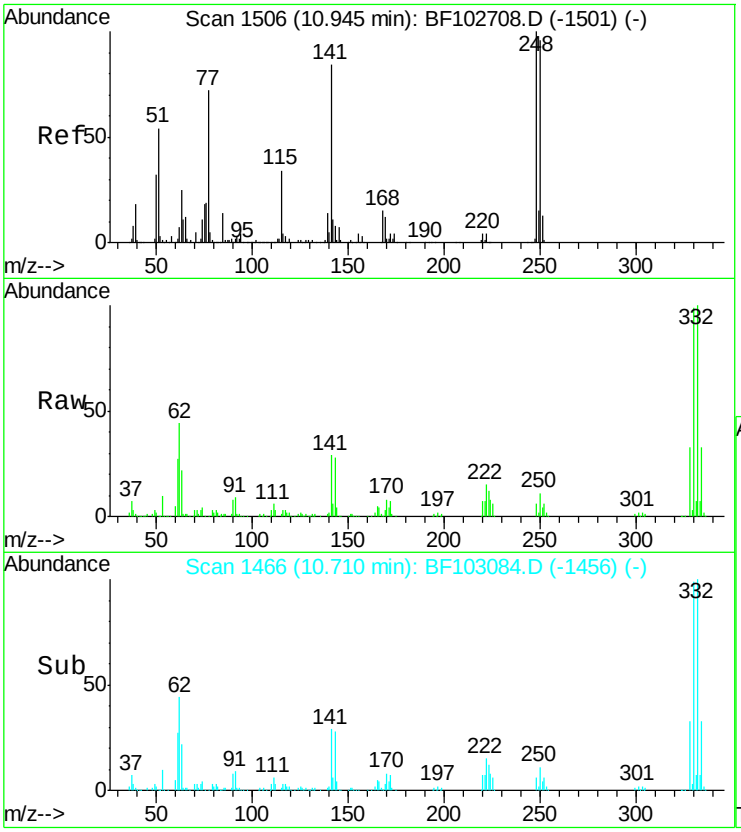


#64
4,6-Dinitro-2-methylphenol
Concen: 9.052 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	227.8	37.7	77.7#
105	249.9	36.3	76.3#



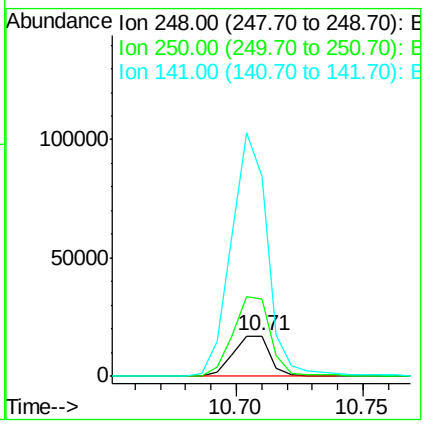


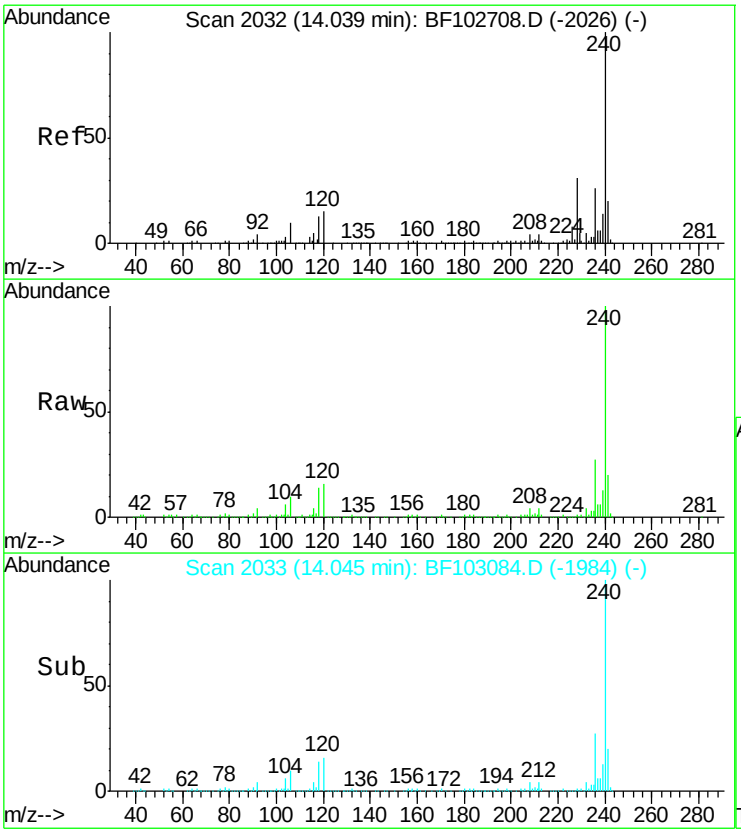
#66
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17518

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.9	115.3#
141	498.1	74.4	111.6#

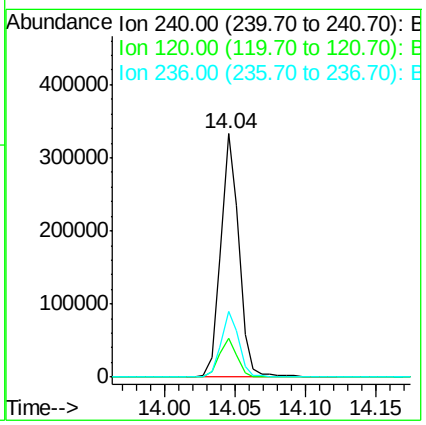


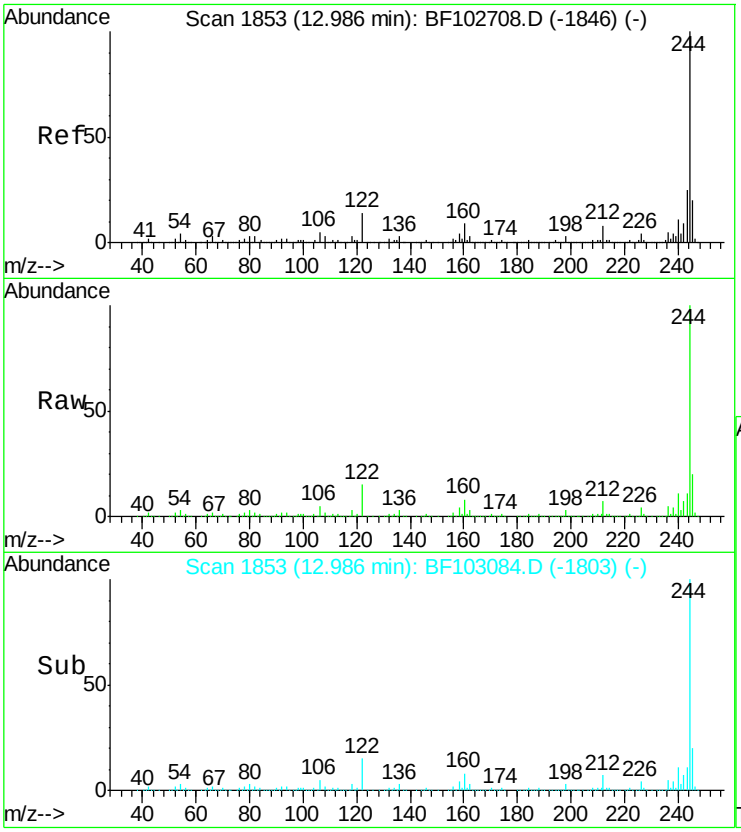


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:240 Resp: 298704

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.8	20.7	31.1



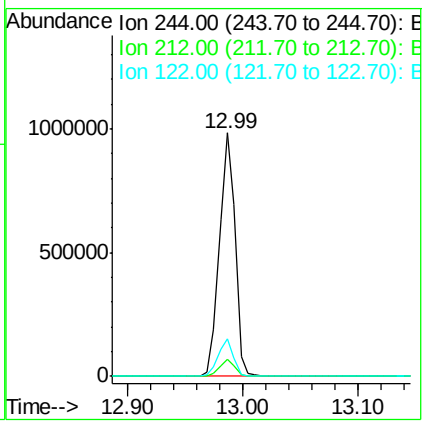


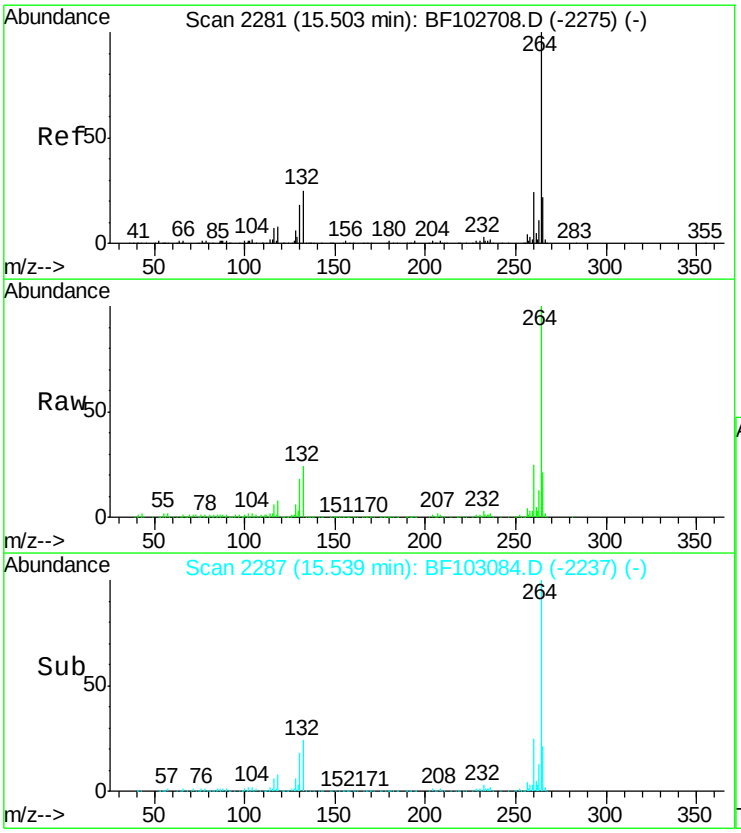
#78
Terphenyl-d14
Concen: 73.510 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 927356

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103084.D
Acq: 19 Feb 2018 16:05

Tgt Ion:264 Resp: 318358

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.0	17.5	26.3