Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102841.D
Acq On : 8 Feb 2018 3:31
Operator : SJ/JU
Sample : J1458-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 08 06:31:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	159813	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	632177	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	246081	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	363689	20.00	ng		0.00
75) Chrysene-d12	14.05	240	302860	20.00	ng		0.00
86) Perylene-d12	15.53	264	226930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1269409	120.63	ng		0.01
7) Phenol-d6	6.51	99	1494577	117.96	ng		0.00
23) Nitrobenzene-d5	7.45	82	917578	100.69	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	242242	122.30	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1343960	90.62	ng		0.00
78) Terphenyl-d14	12.99	244	939575	73.46	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	42126	3.10	ng		98
19) n-Nitroso-di-n-propylamine	7.45	70	123220	14.75	ng	#	81
25) Isophorone	7.45	82	915219	43.61	ng	#	64
47) 2-Nitroaniline	9.63	65	1671	3.78	ng	#	1
49) Dimethylphthalate	9.63	163	167508	8.73	ng		99
56) 2,4-Dinitrotoluene	9.92	165	31300	9.06	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	291	8.97	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	15366	3.99	ng	#	1

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

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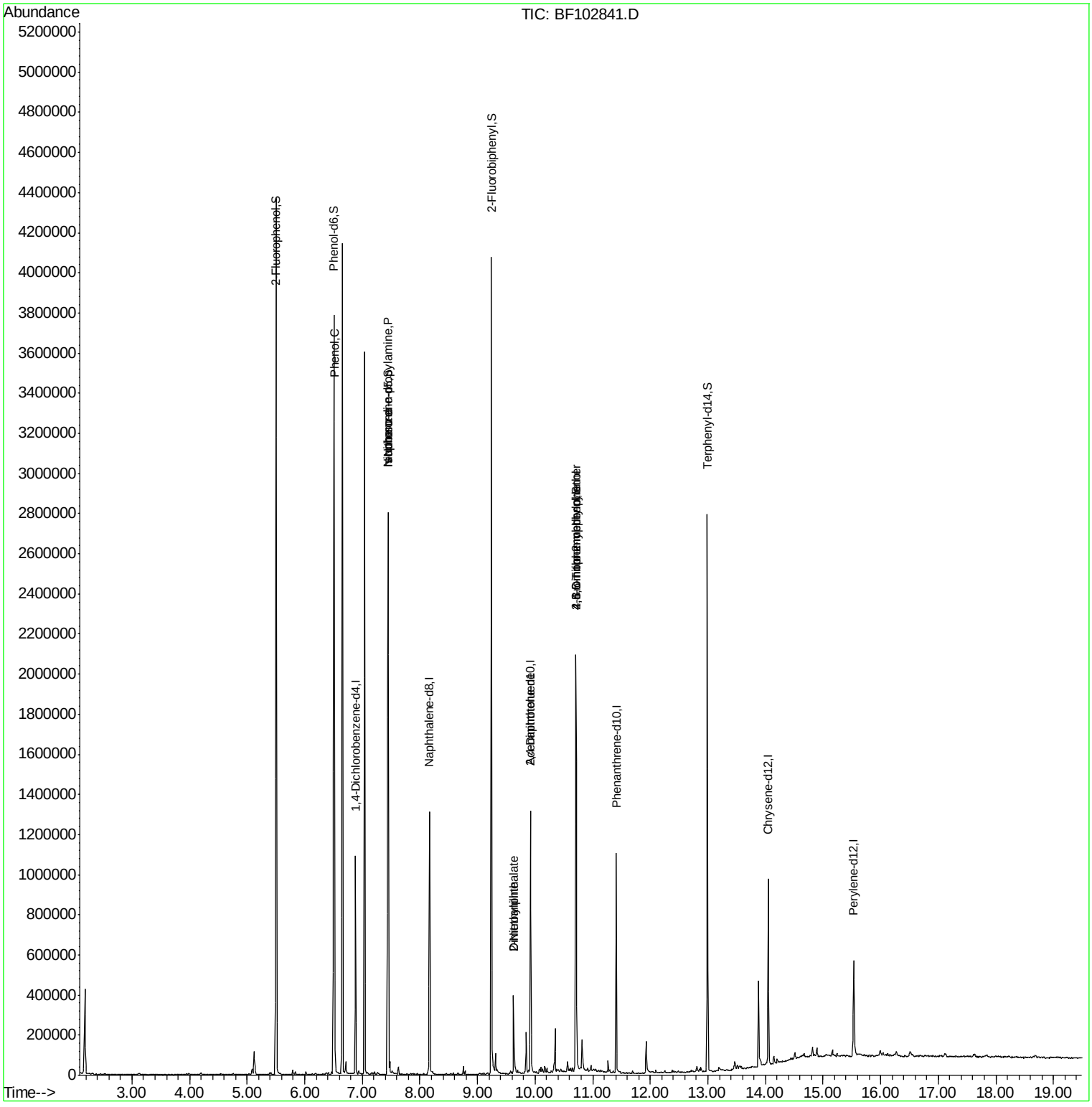
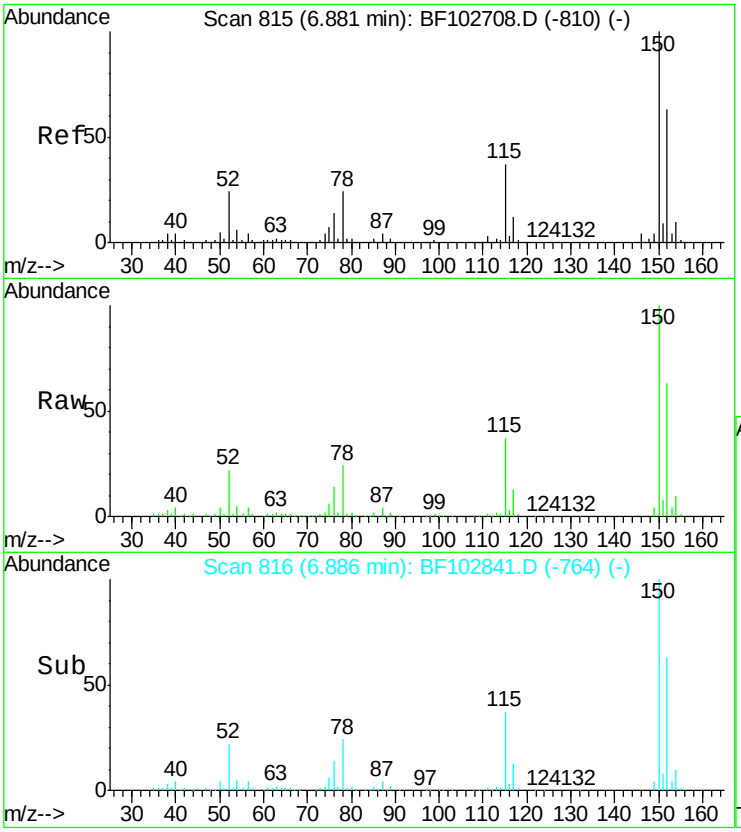


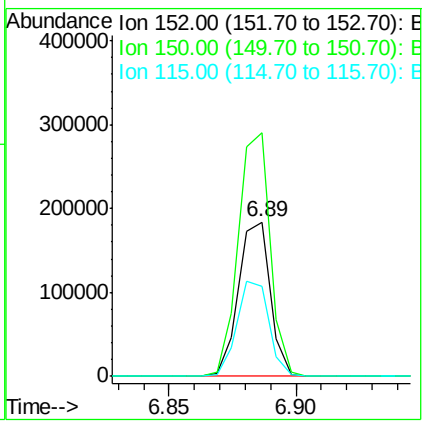


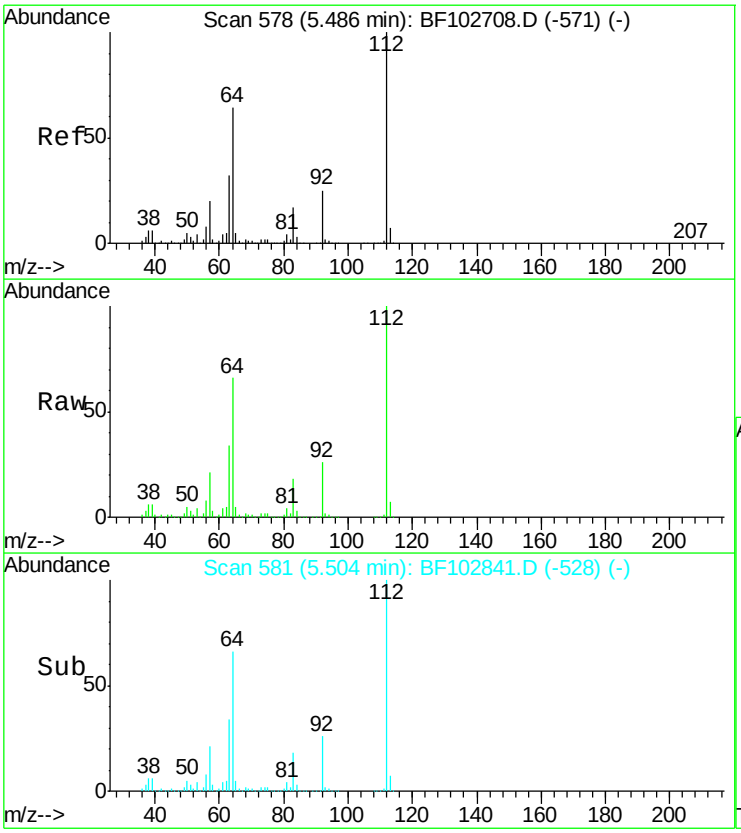
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159813

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	58.1	50.1	75.1

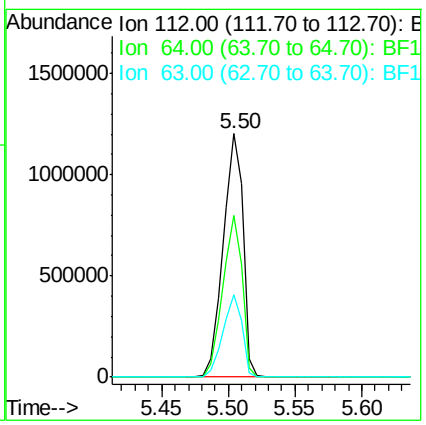


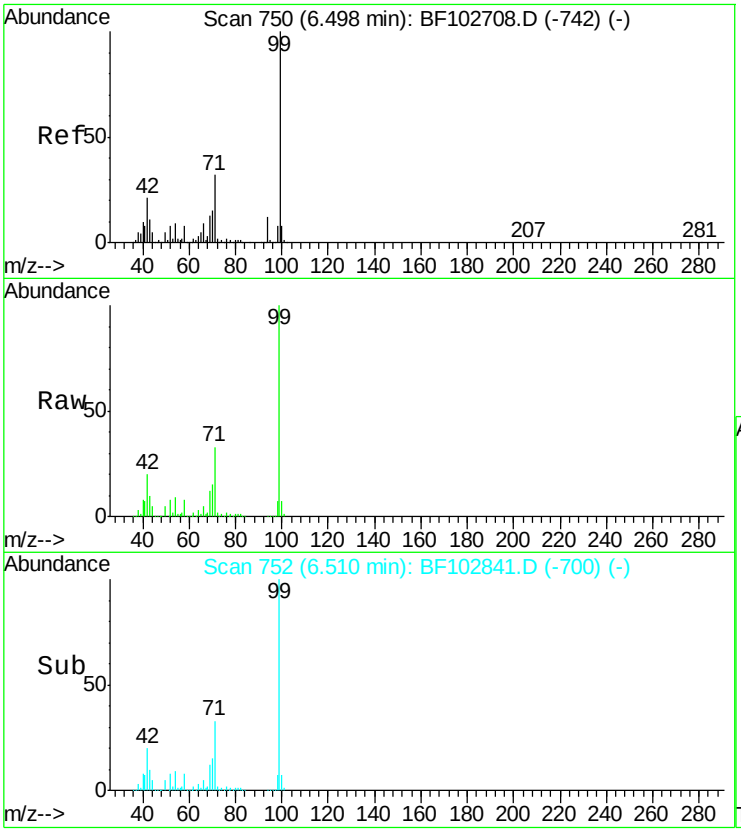


#5
2-Fluorophenol
Concen: 120.63 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:112 Resp: 1269409

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	33.9	23.7	35.5



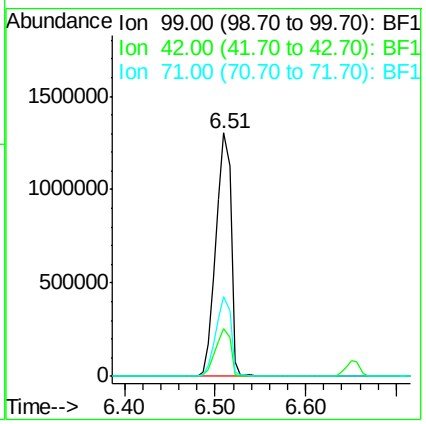


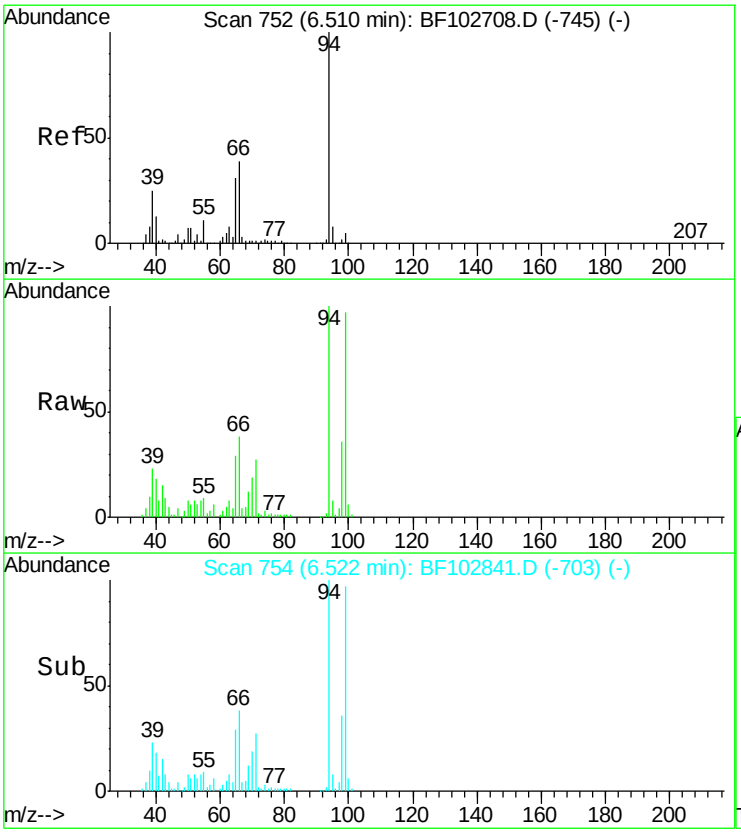
#7
Phenol-d6
Concen: 117.96 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1494577

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.0	25.4	38.0

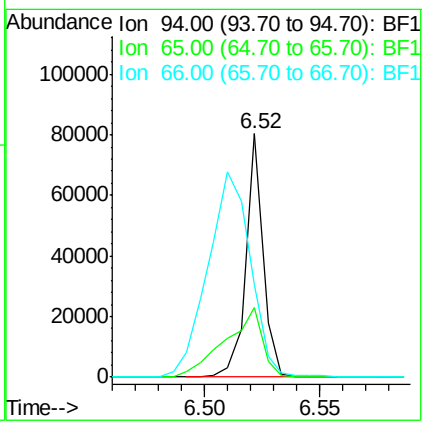


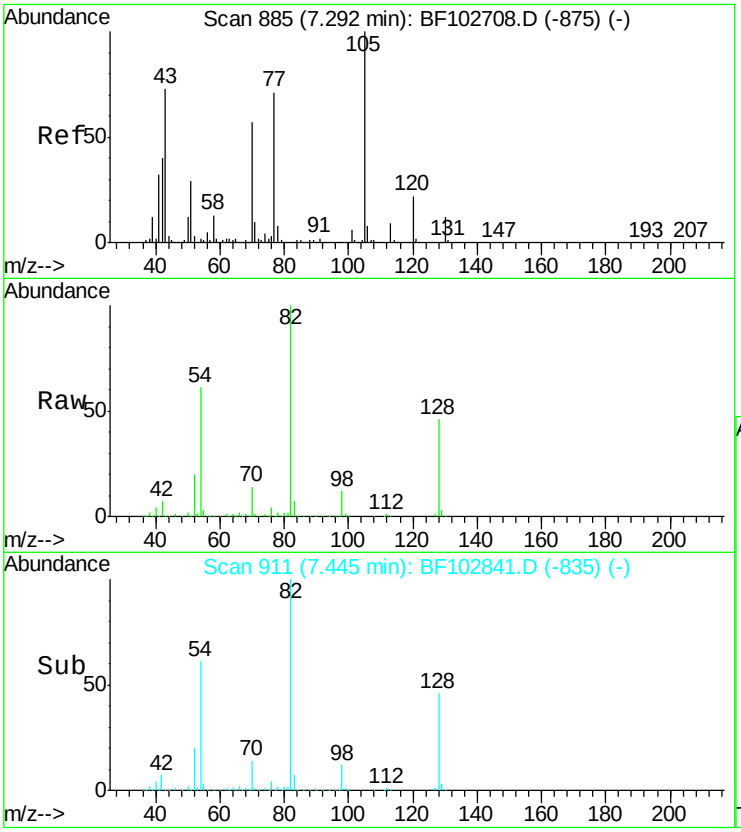


#10
Phenol
Concen: 3.10 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion: 94 Resp: 42126

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	37.9	16.2	56.2



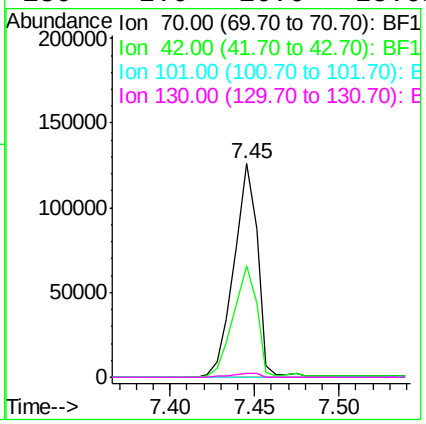


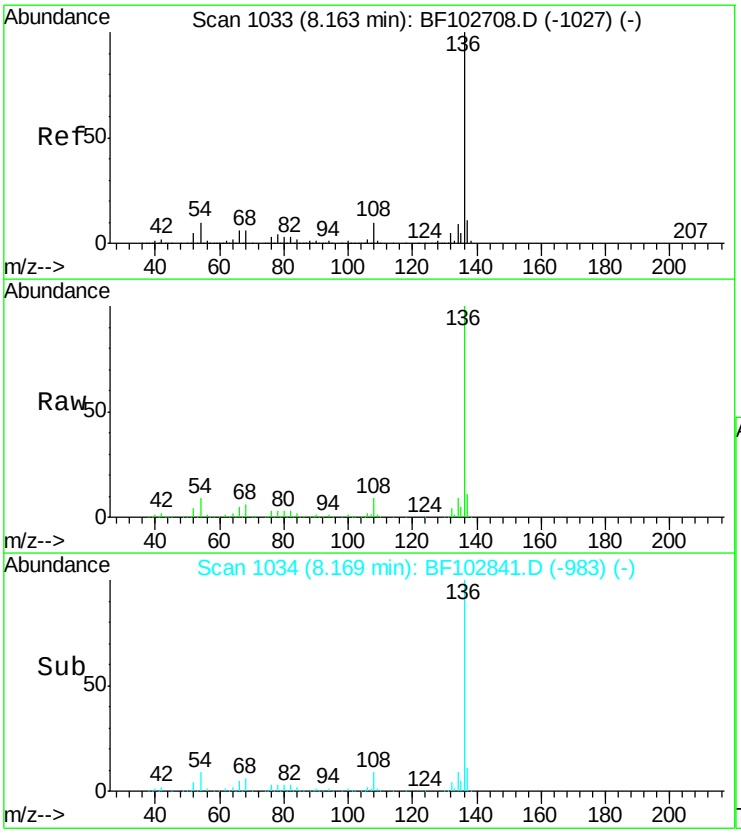
#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 123220

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

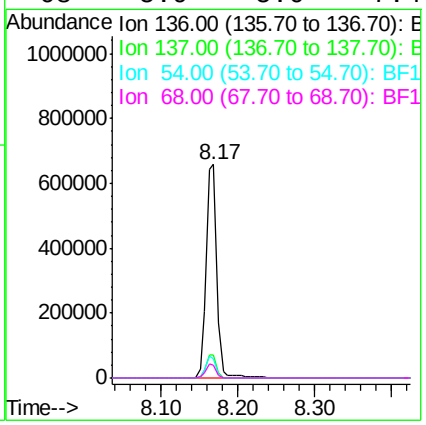


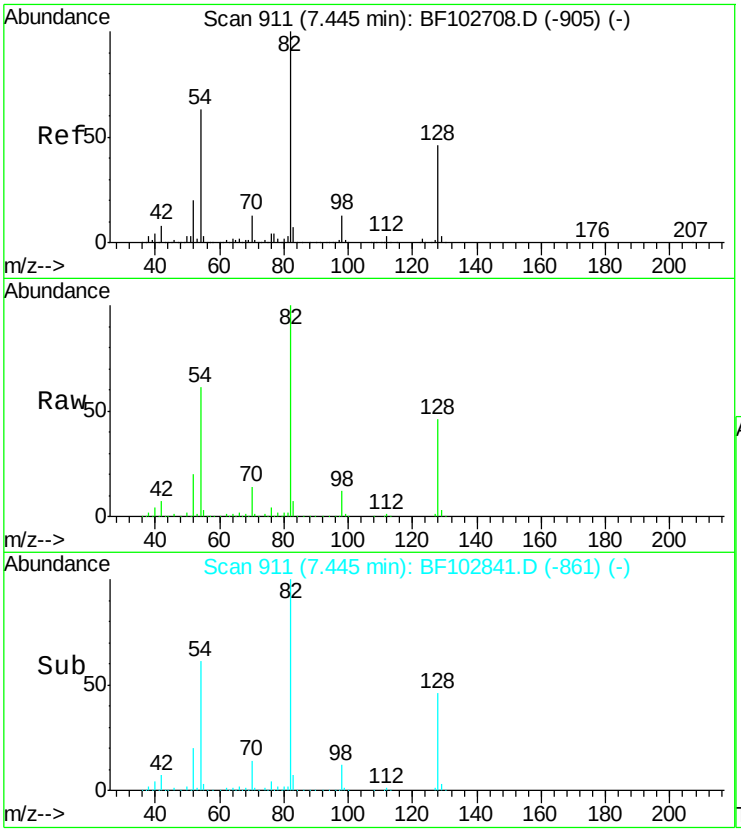


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:136 Resp: 632177

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	5.9	5.0	7.4



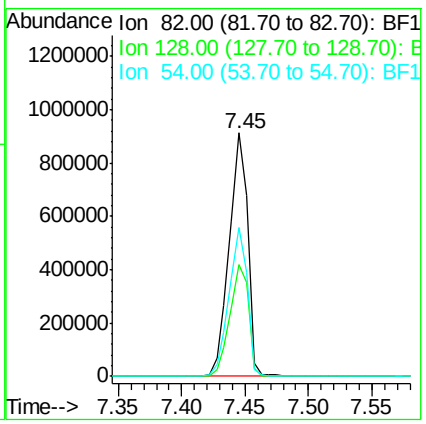


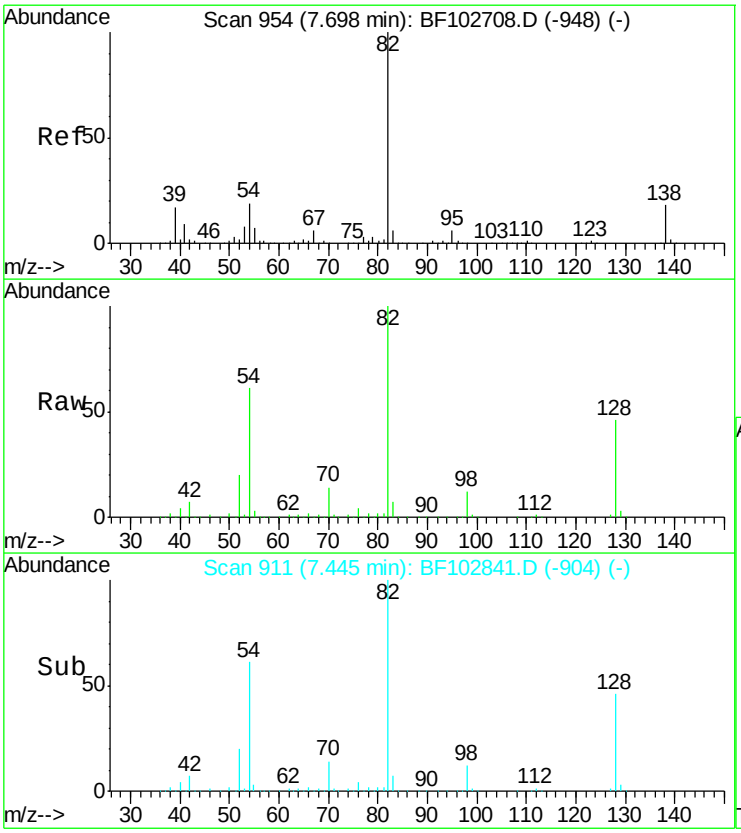
#23
Nitrobenzene-d5
Concen: 100.69 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 917578

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	61.3	41.4	62.2

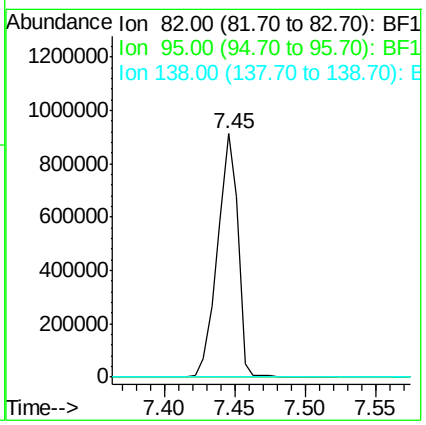


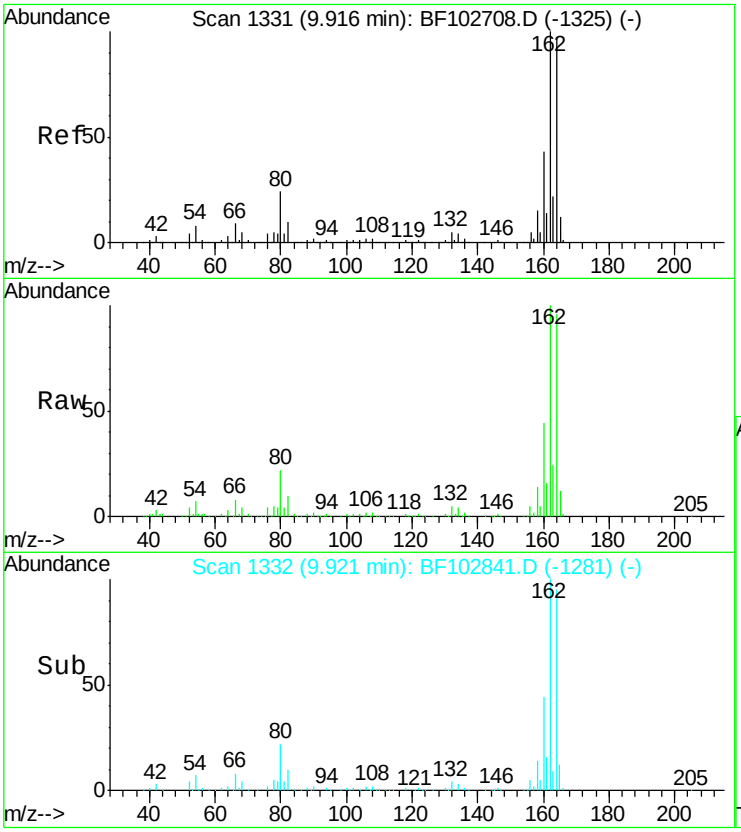


#25
Isophorone
Concen: 43.61 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion: 82 Resp: 915219

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



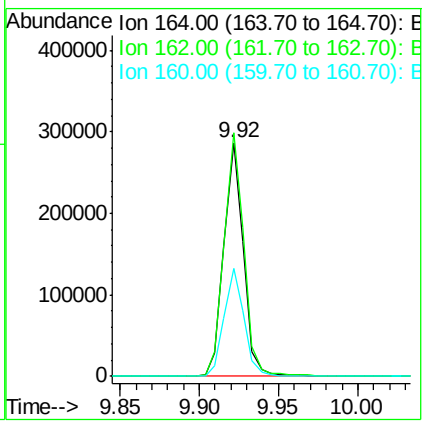


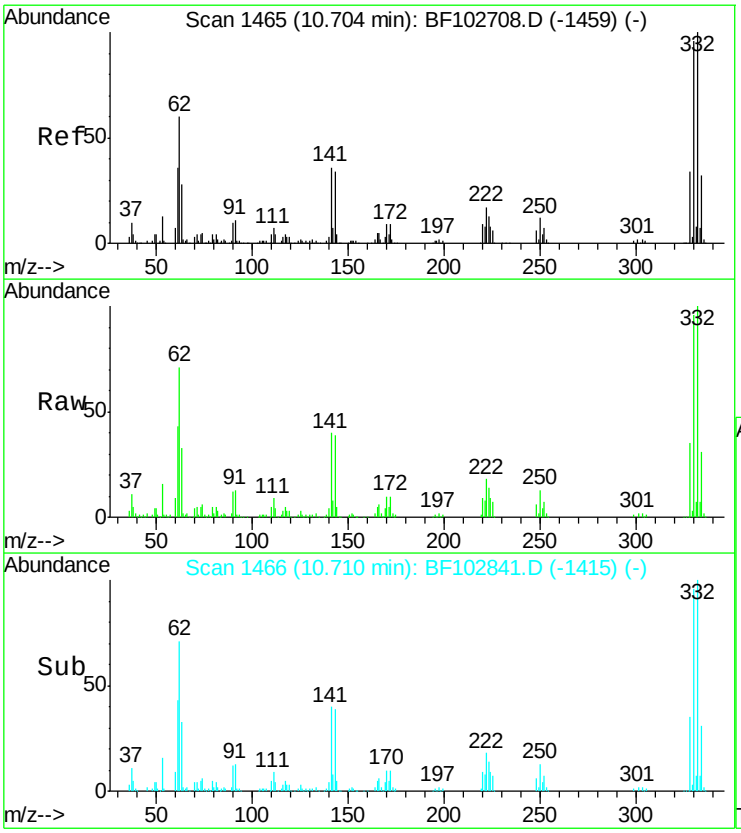
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 246081

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.0	38.3	57.5

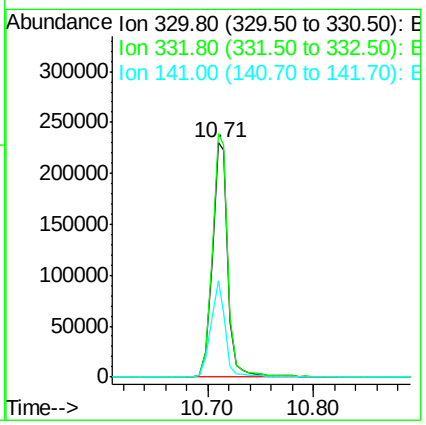


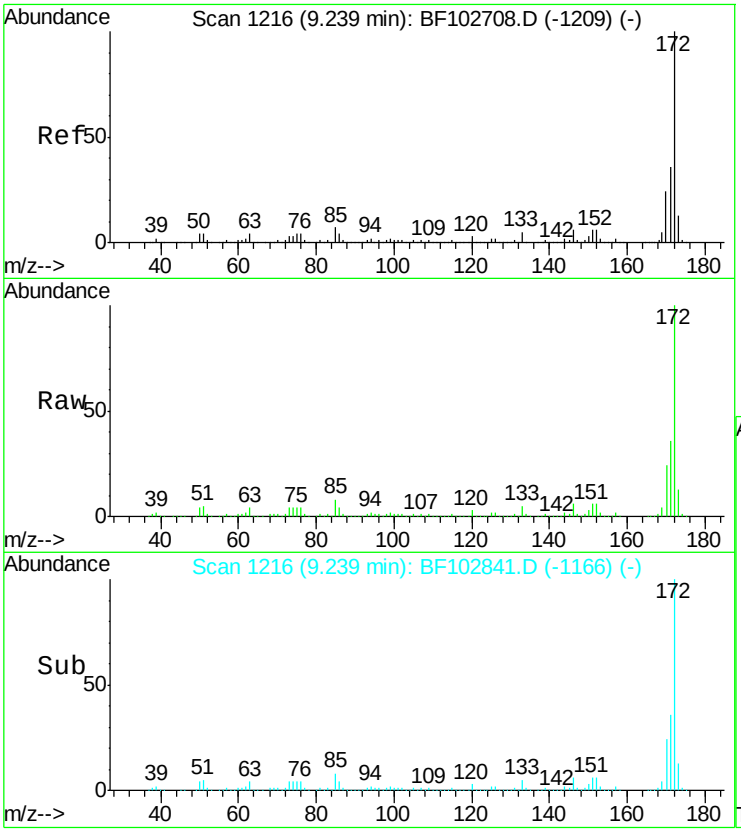


#41
2,4,6-Tribromophenol
Concen: 122.30 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:330 Resp: 242242

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	38.5	29.9	44.9



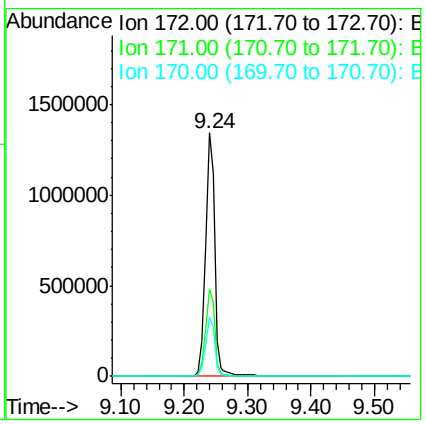


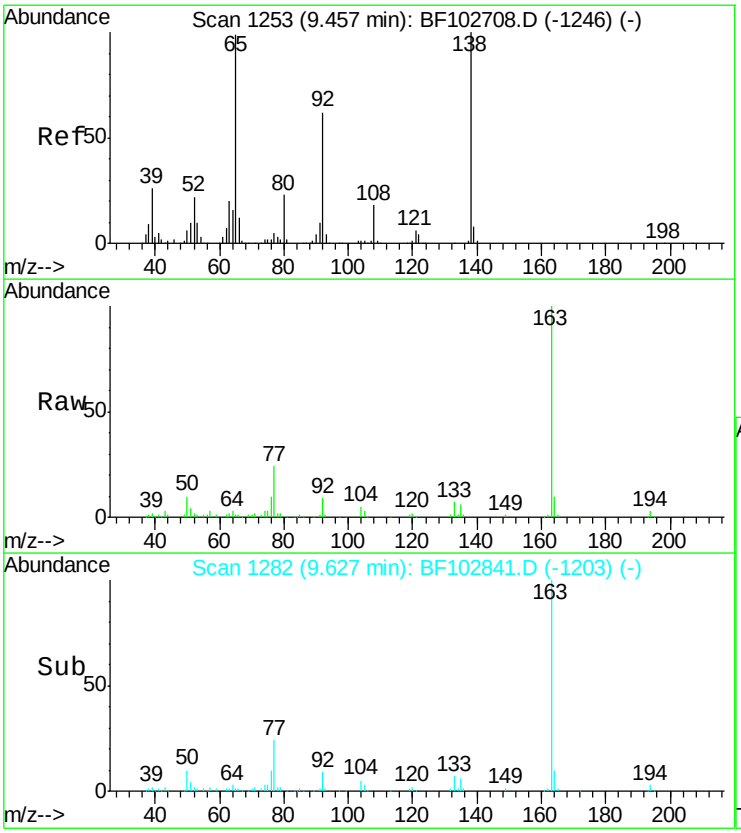
#44
2-Fluorobiphenyl
Concen: 90.62 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1343960

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

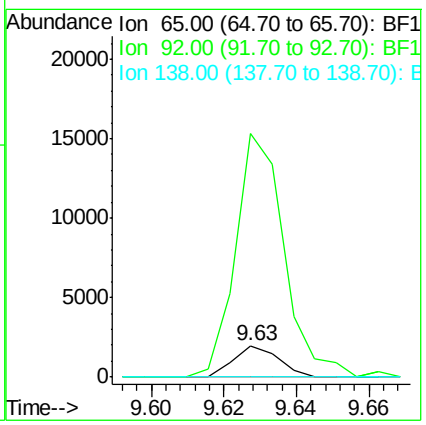


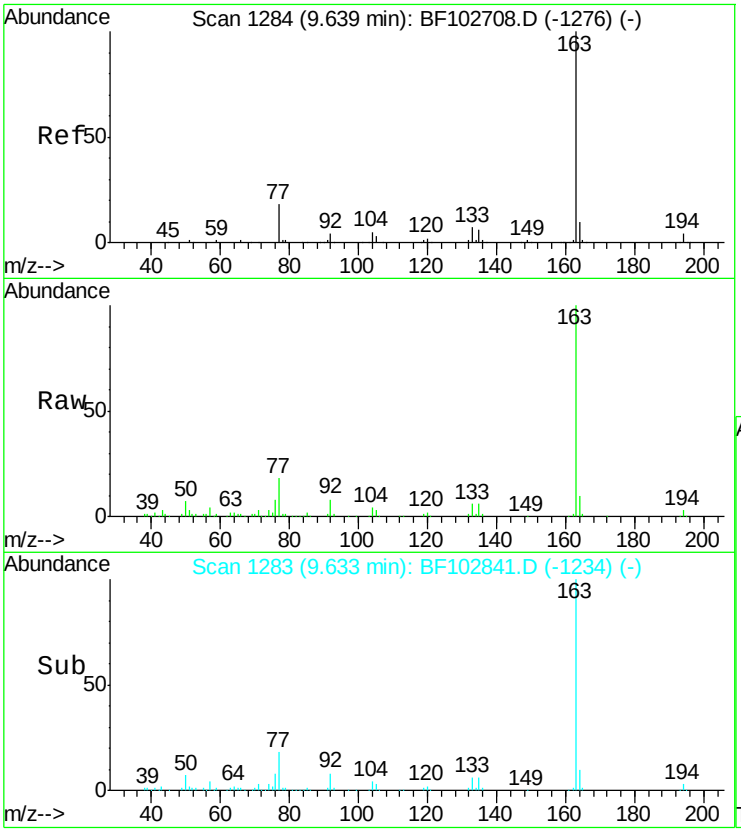


#47
2-Nitroaniline
Concen: 3.78 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion: 65 Resp: 1671

Ion	Ratio	Lower	Upper
65	100		
92	775.5	55.8	83.6#
138	0.0	91.2	136.8#



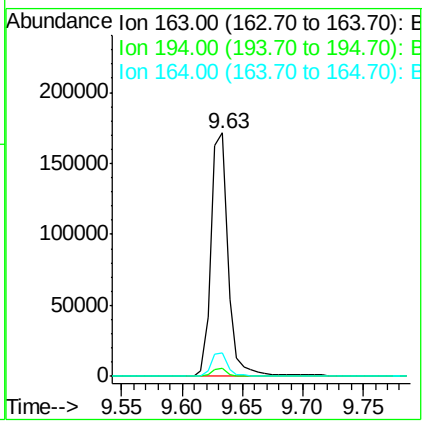


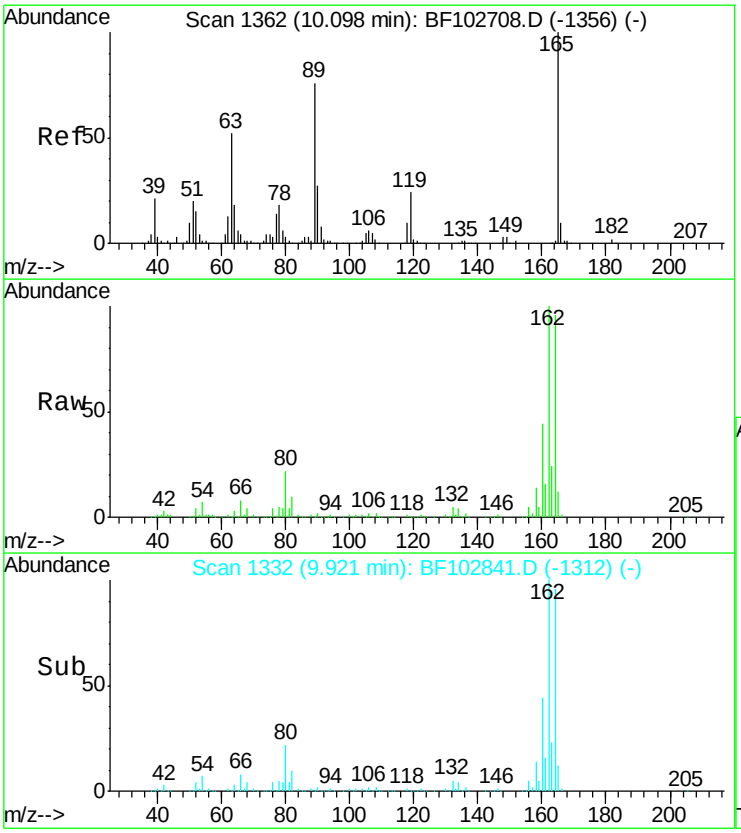
#49
Dimethylphthalate
Concen: 8.73 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 167508

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

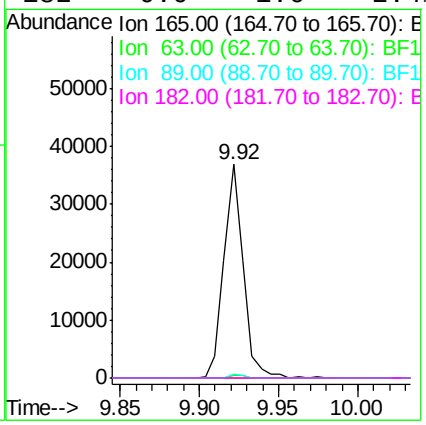


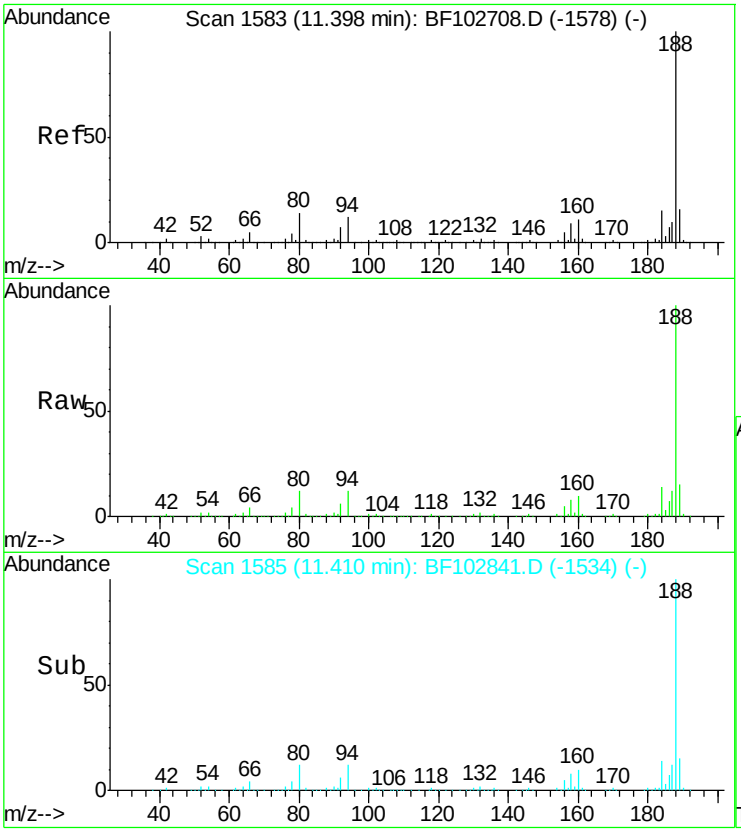


#56
2,4-Dinitrotoluene
Concen: 9.06 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:165 Resp: 31300

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



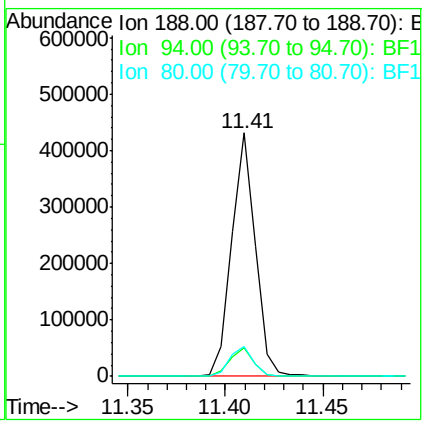


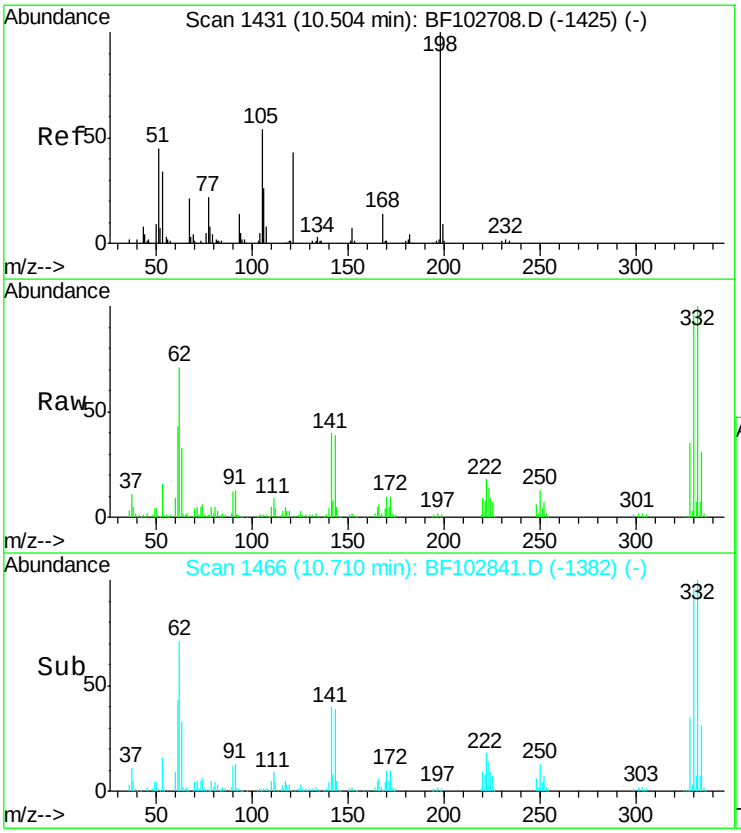
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 363689

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.2	9.2	13.8

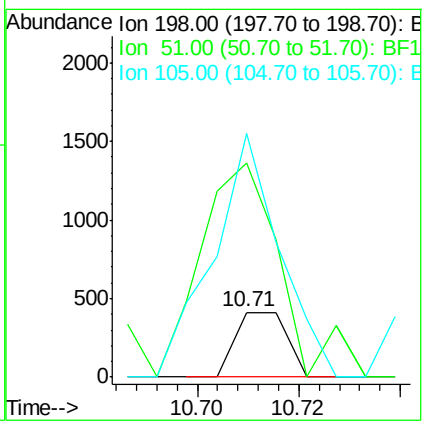


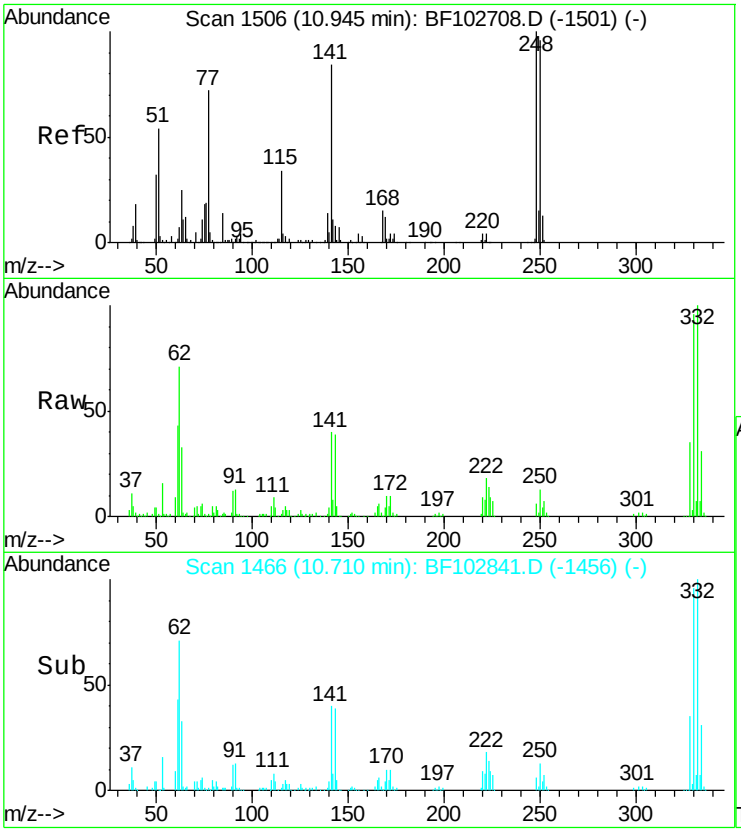


#64
4,6-Dinitro-2-methylphenol
Concen: 8.97 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:198 Resp: 291

Ion	Ratio	Lower	Upper
198	100		
51	330.2	37.7	77.7#
105	374.2	36.3	76.3#



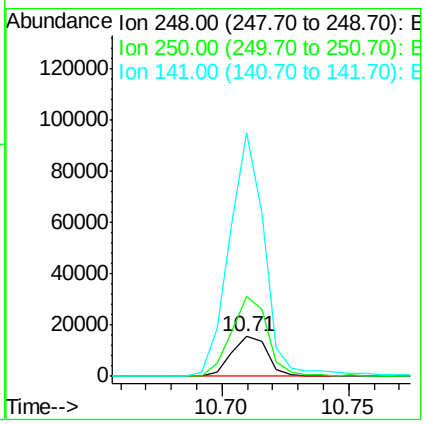


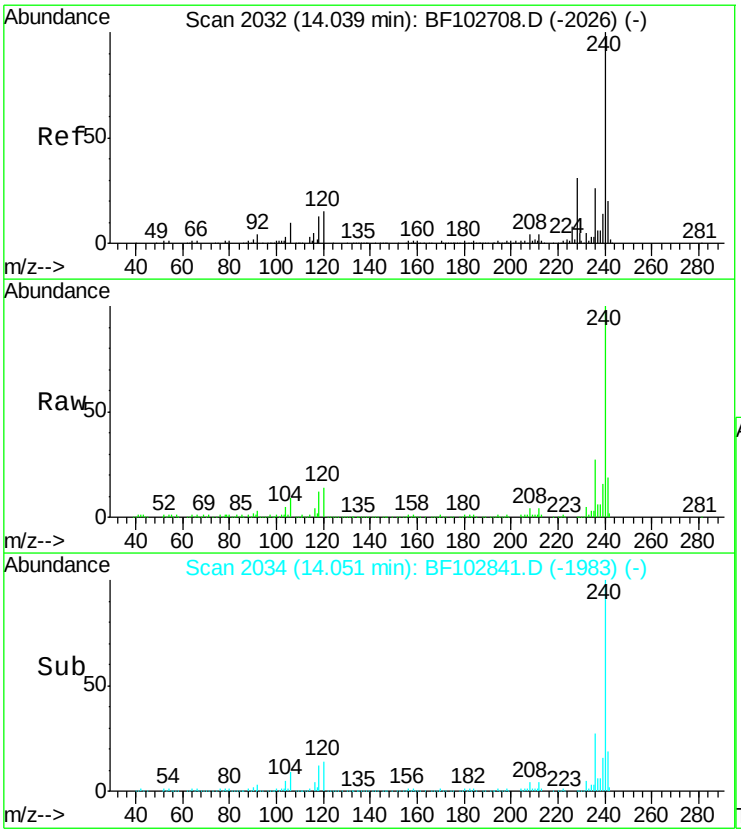
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15366

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	616.6	74.4	111.6#

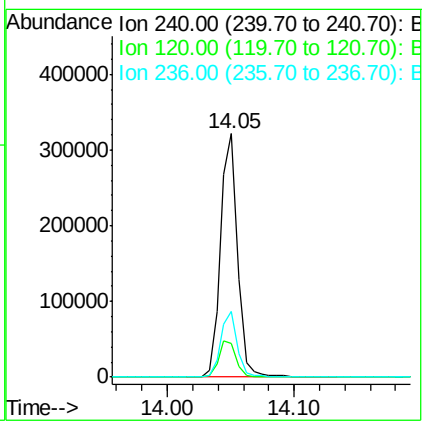


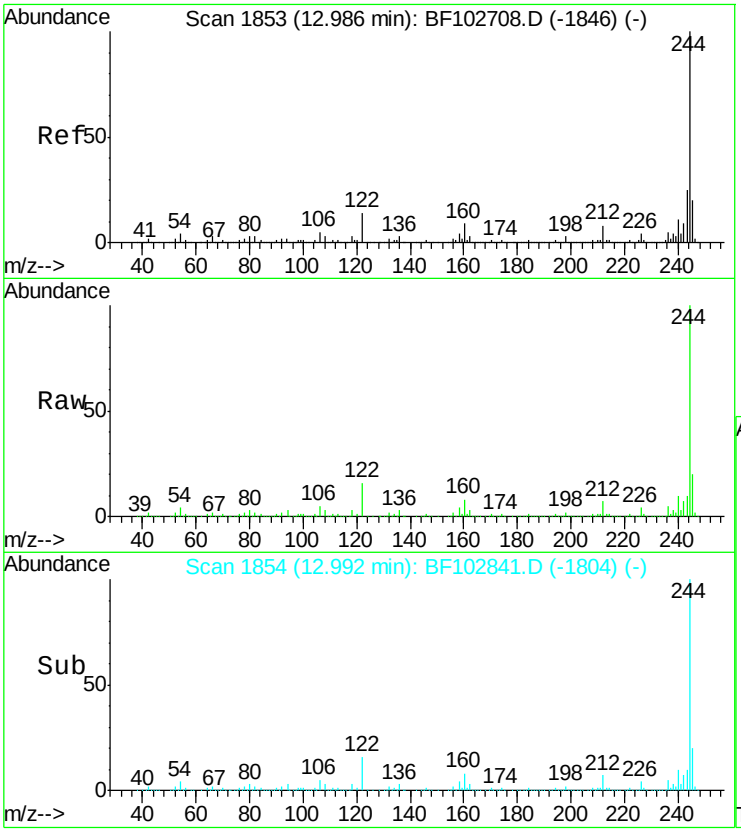


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:240 Resp: 302860

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.7	20.7	31.1



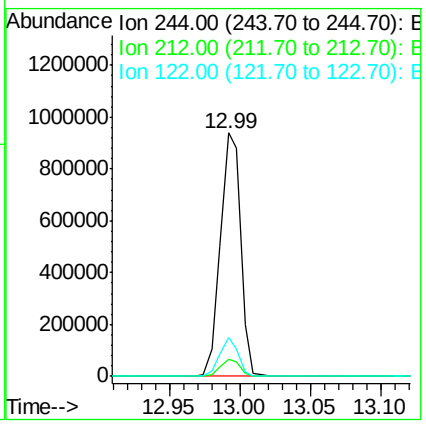


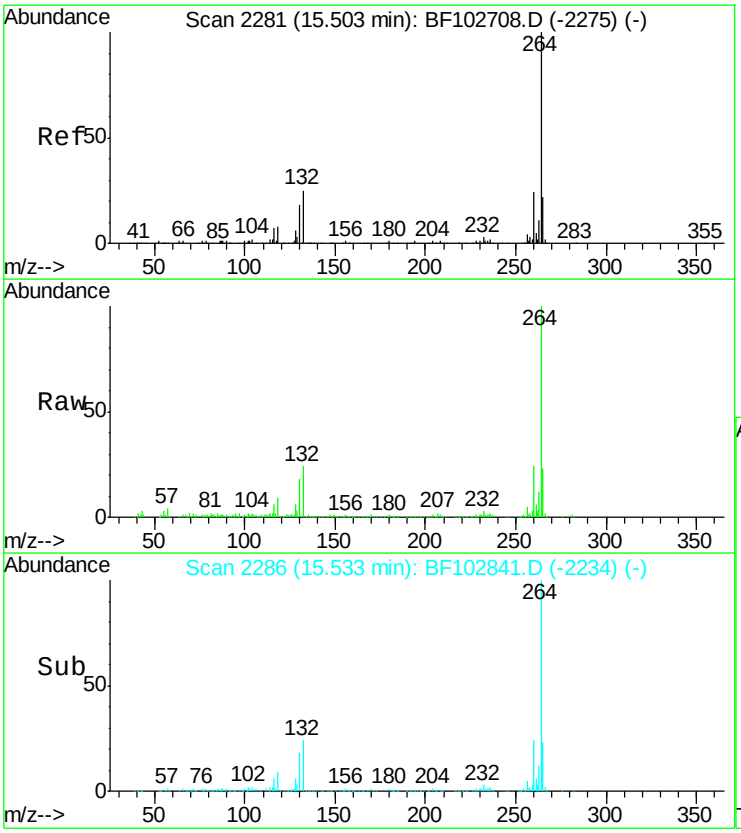
#78
Terphenyl-d14
Concen: 73.46 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 939575

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion:264 Resp: 226930

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3