Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103110.D
Acq On : 20 Feb 2018 4:26
Operator : SJ/JU
Sample : PB106657TB
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 20 05:33:35 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	161115	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	687152	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	294838	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	461942	20.00	ng		0.00
75) Chrysene-d12	14.04	240	302227	20.00	ng		-0.01
86) Perylene-d12	15.53	264	263688	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1143959	107.83	ng		0.01
7) Phenol-d6	6.51	99	1346473	105.41	ng		0.00
23) Nitrobenzene-d5	7.44	82	872849	88.12	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	230720	97.22	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1416705	79.73	ng		0.00
78) Terphenyl-d14	12.99	244	1046593	81.99	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	23826	2.51	ng		82
19) n-Nitroso-di-n-propylamine	7.44	70	115723	13.74	ng	#	78
25) Isophorone	7.44	82	872841	38.27	ng	#	64
47) 2-Nitroaniline	9.23	65	2671	3.88	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	37390	8.55	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	37390	9.04	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	401	8.99	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	14812	3.03	ng	#	1

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

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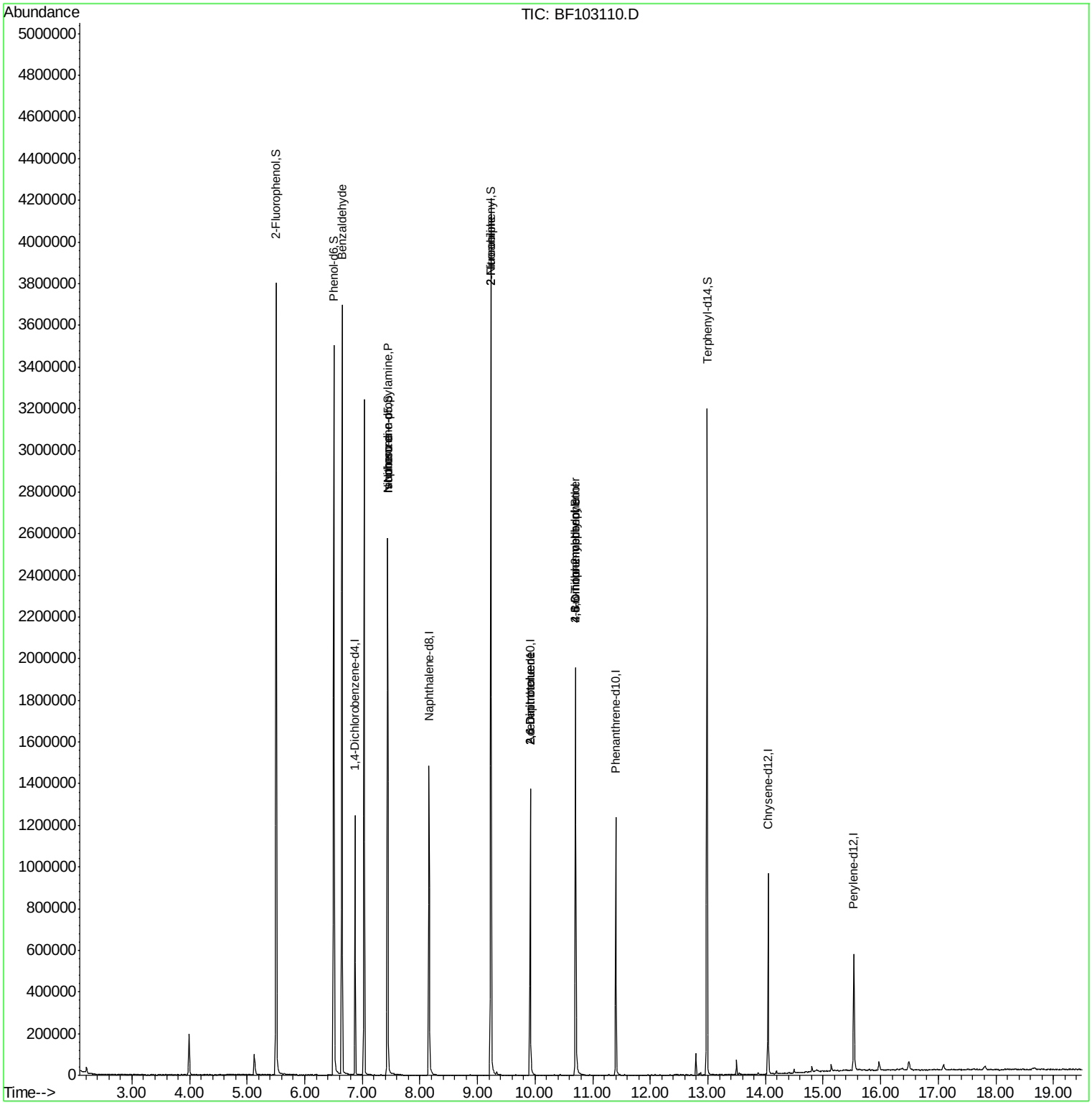
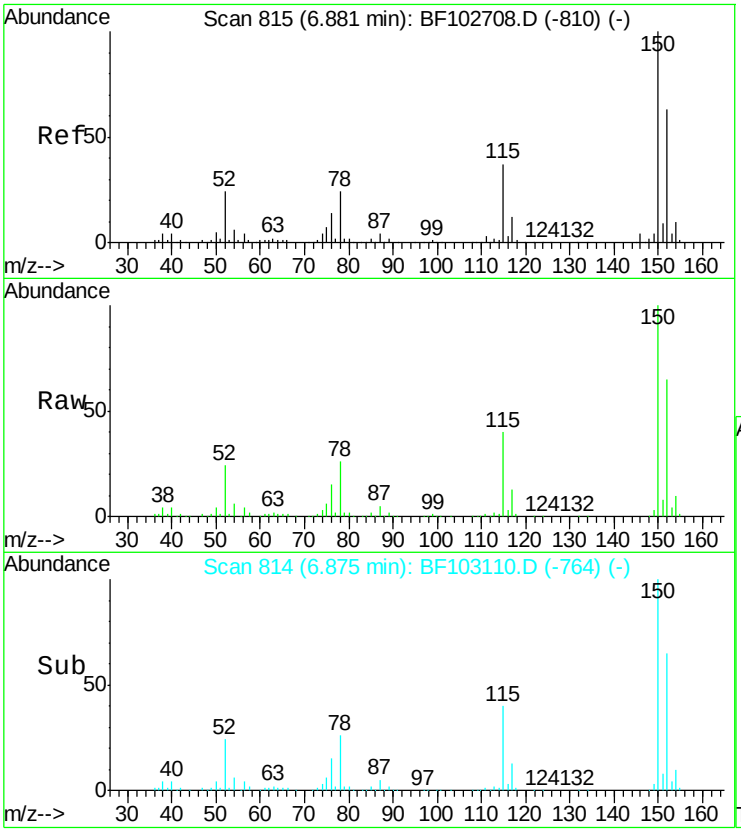
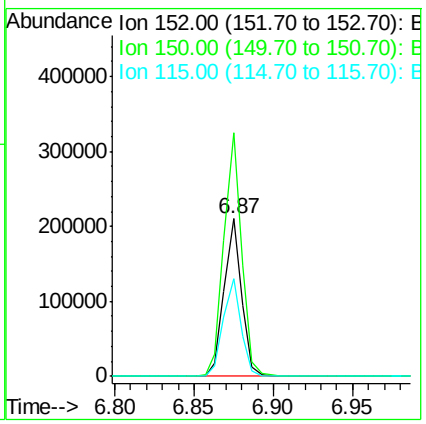




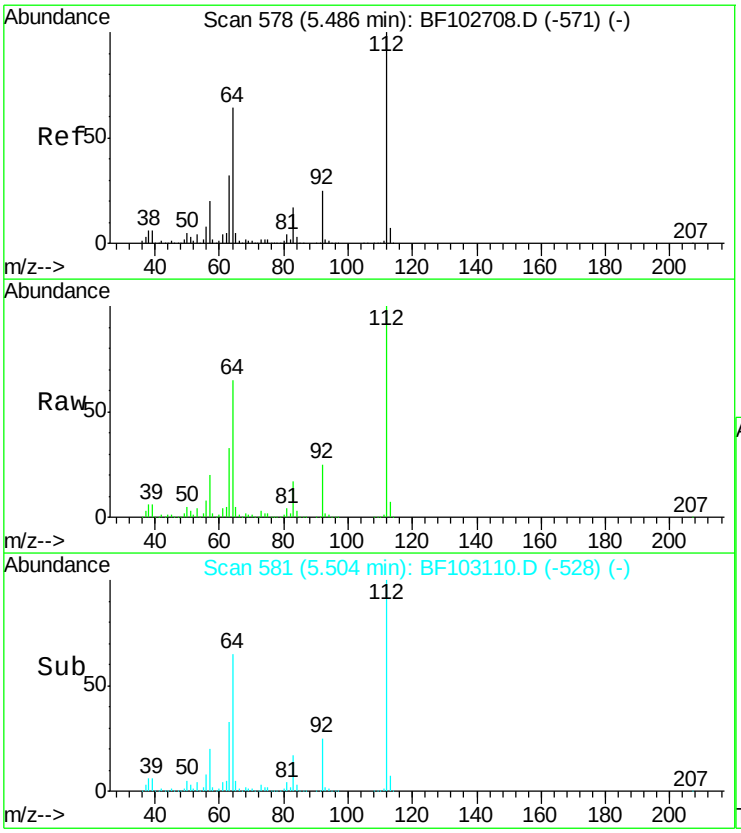
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:152 Resp: 161115

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.9	50.1	75.1



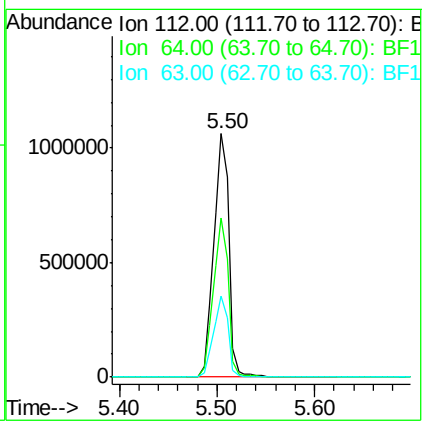
Instrument :
BNA_F
ClientSampleId :

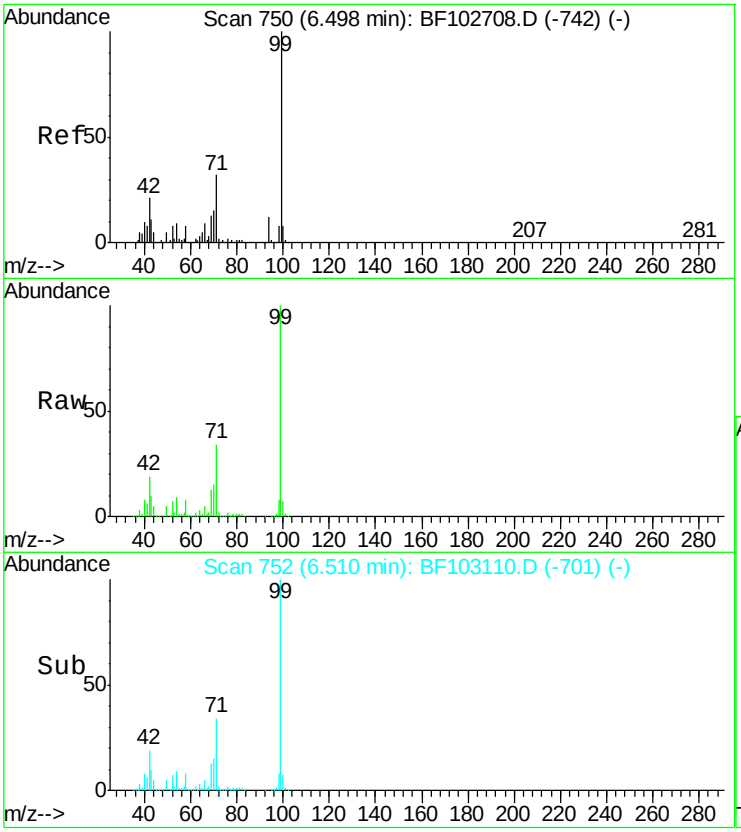


#5
2-Fluorophenol
Concen: 107.83 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:112 Resp: 1143959

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.1	23.7	35.5



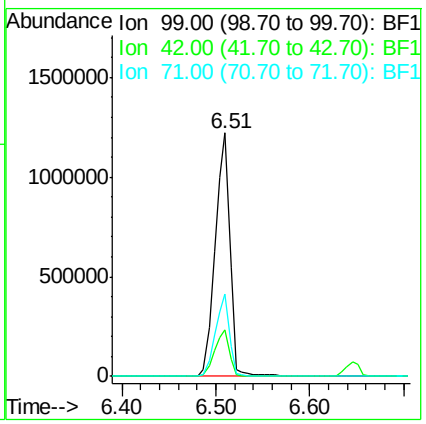


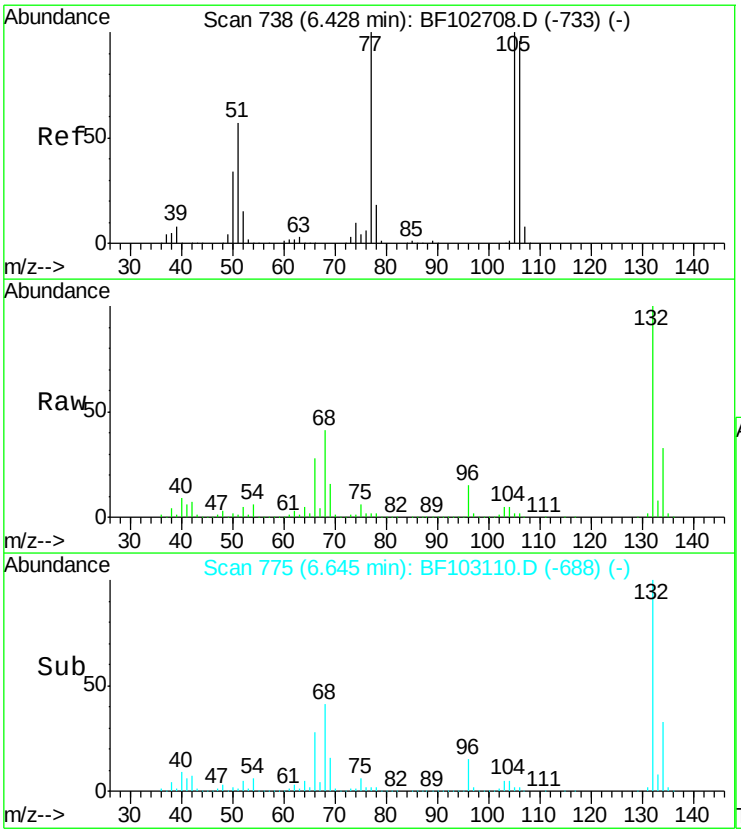
#7
Phenol-d6
Concen: 105.41 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1346473

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.6	25.4	38.0

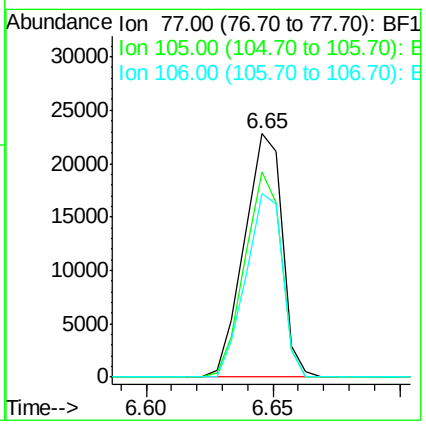


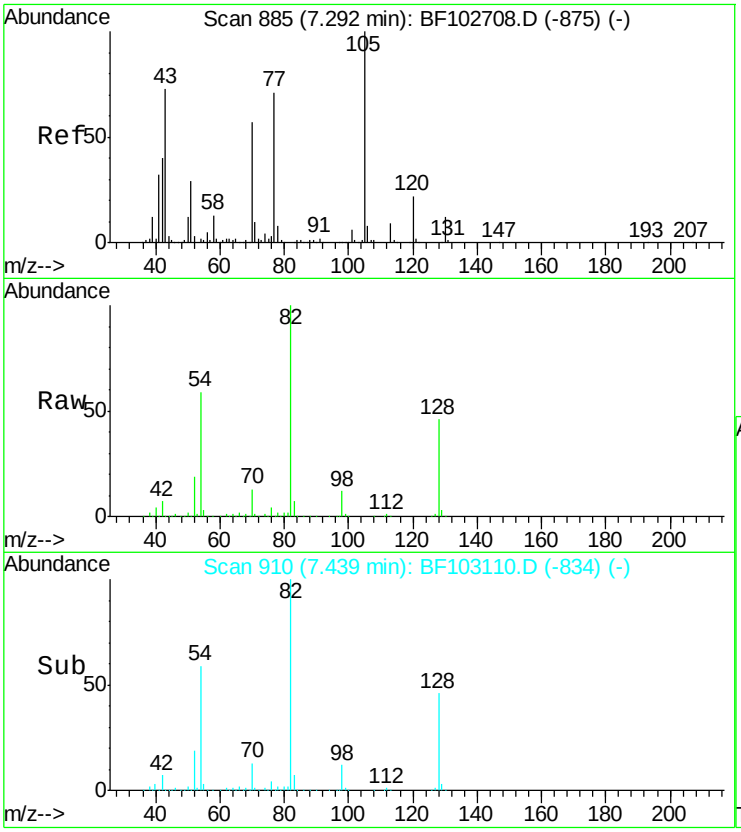


#9
Benzaldehyde
Concen: 2.51 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion: 77 Resp: 23826

Ion	Ratio	Lower	Upper
77	100		
105	84.4	81.1	121.1
106	75.1	74.5	114.5



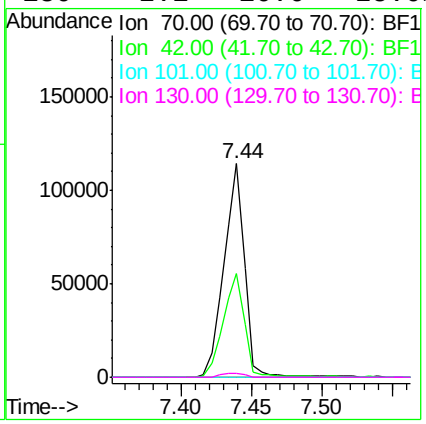


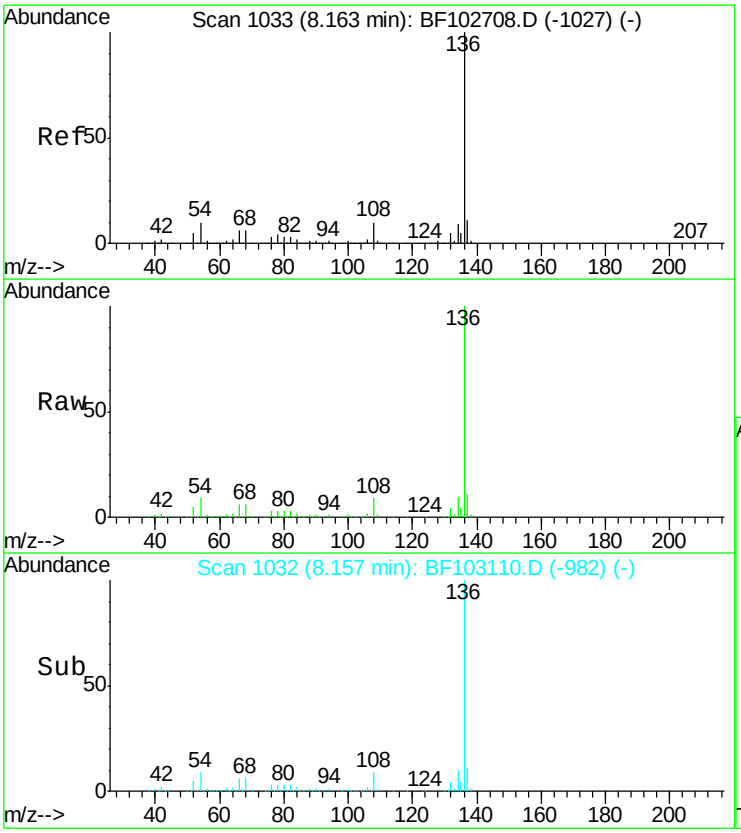
#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 115723

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

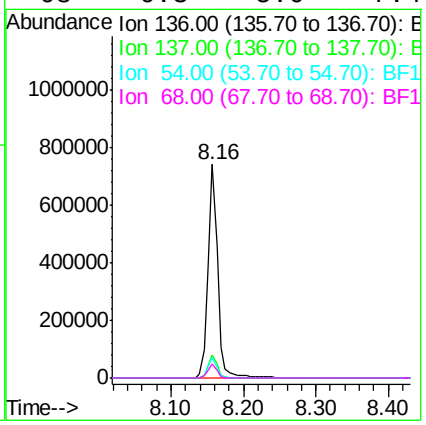


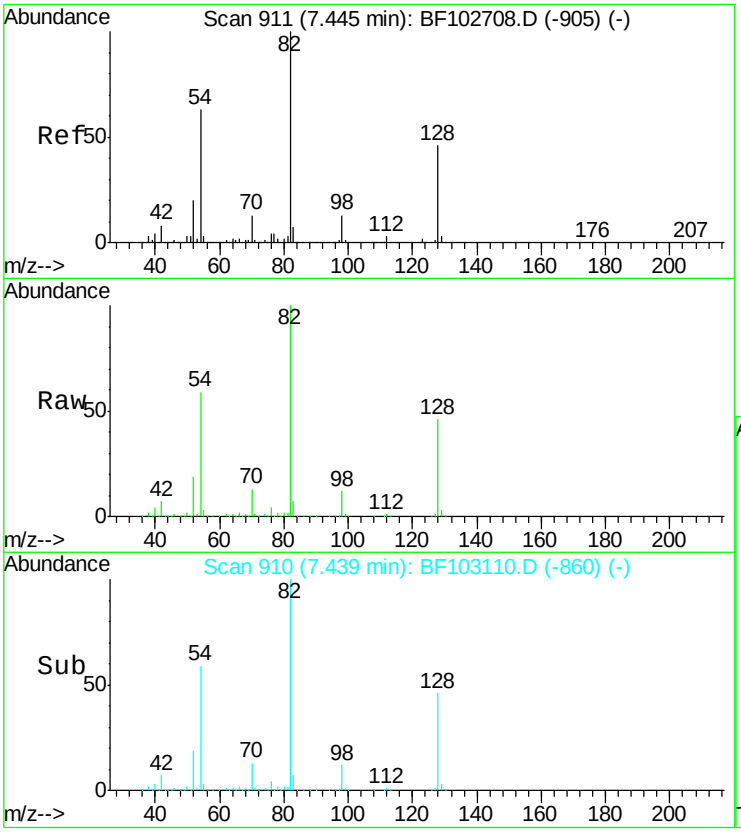


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:136 Resp: 687152

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	6.3	5.0	7.4



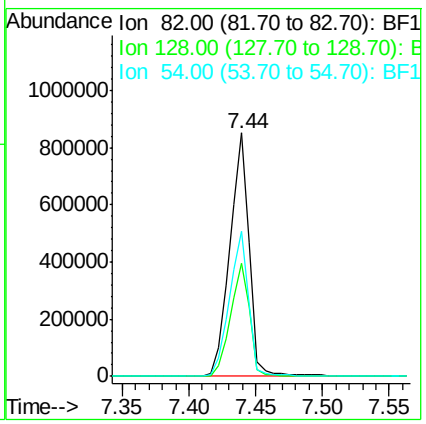


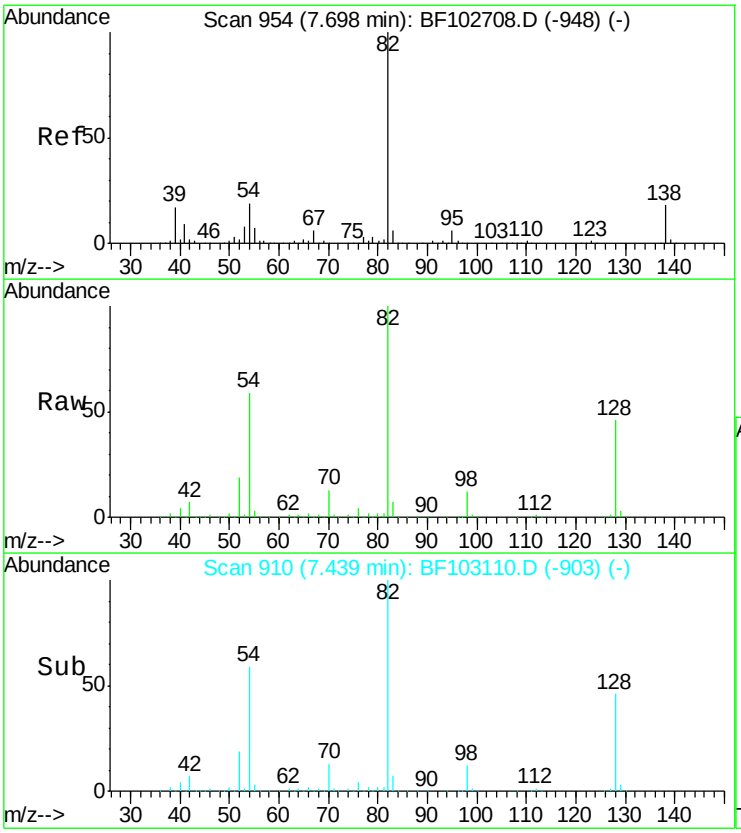
#23
Nitrobenzene-d5
Concen: 88.12 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 872849

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	59.4	41.4	62.2

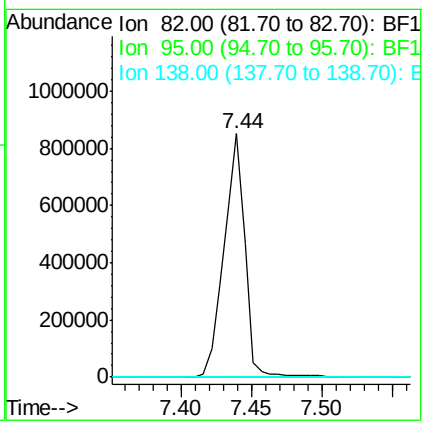


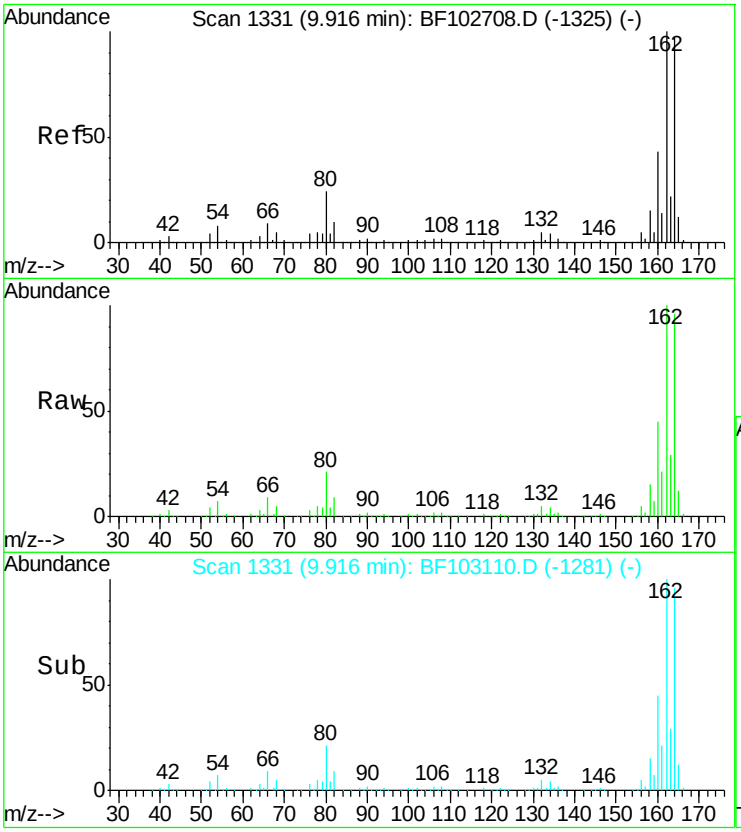


#25
Isophorone
Concen: 38.27 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion: 82 Resp: 872841

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



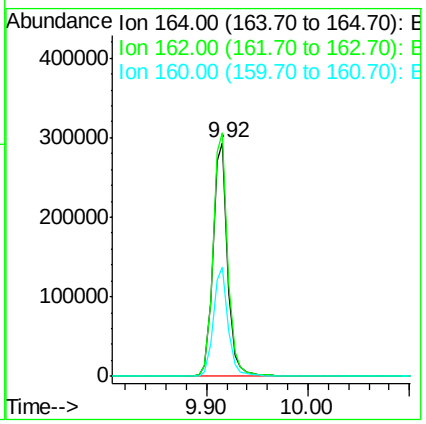


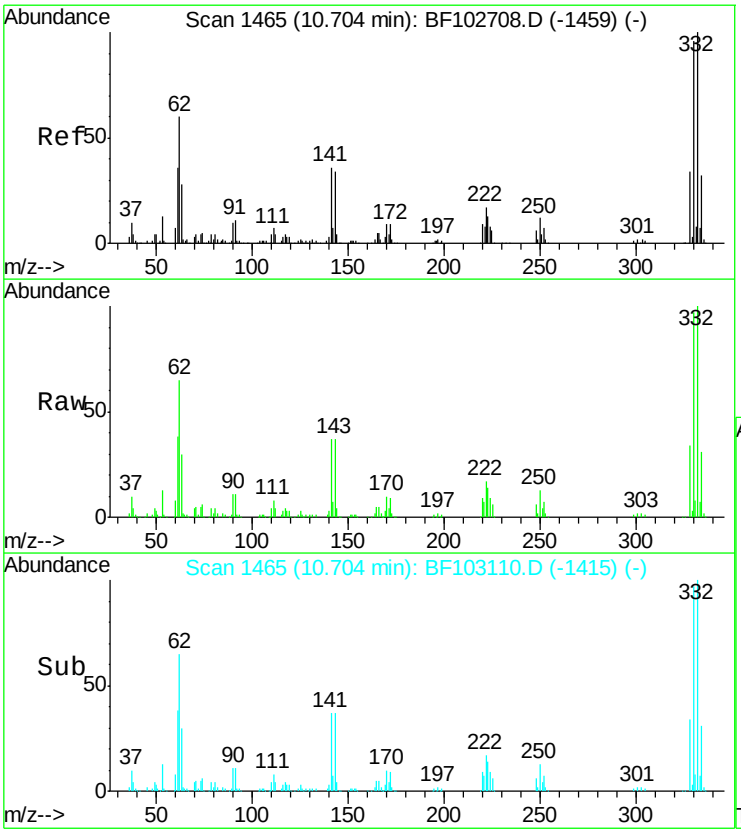
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 294838

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.7	38.3	57.5

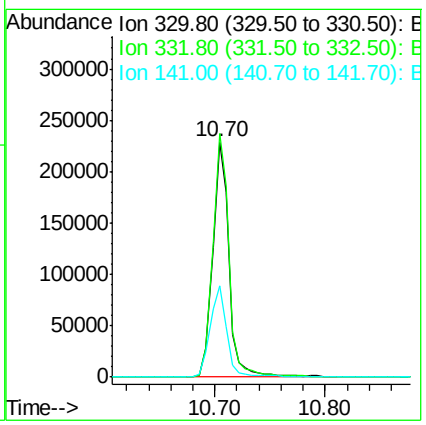


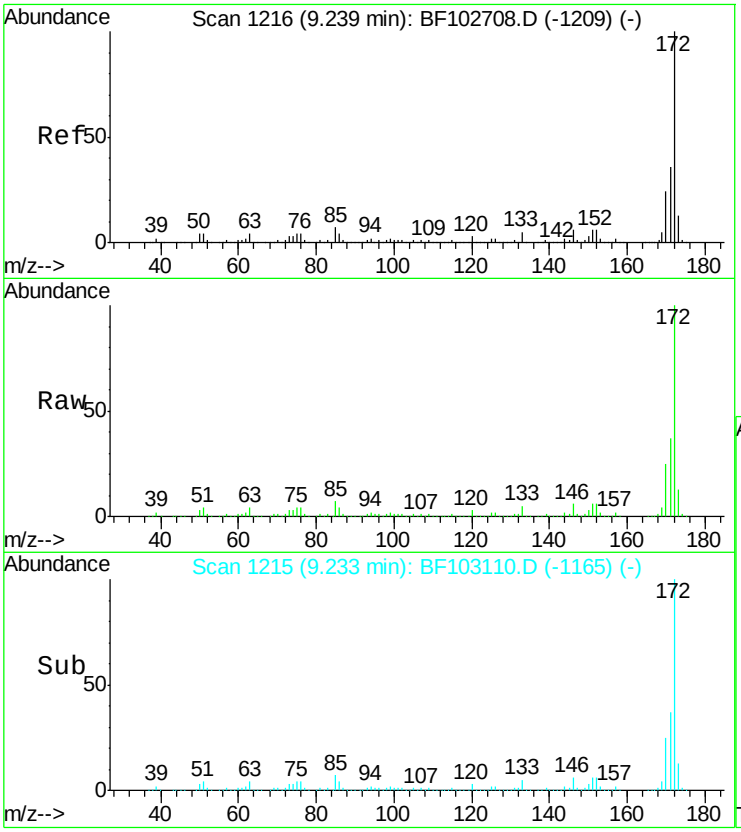


#41
2,4,6-Tribromophenol
Concen: 97.22 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:330 Resp: 230720

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	39.6	29.9	44.9



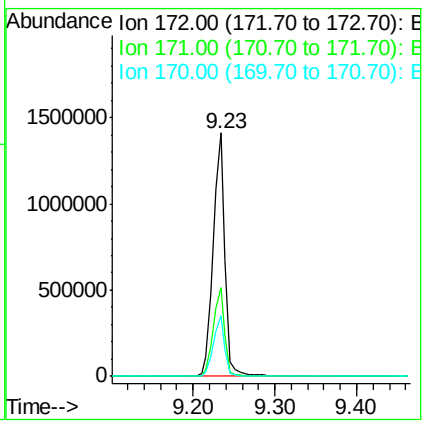


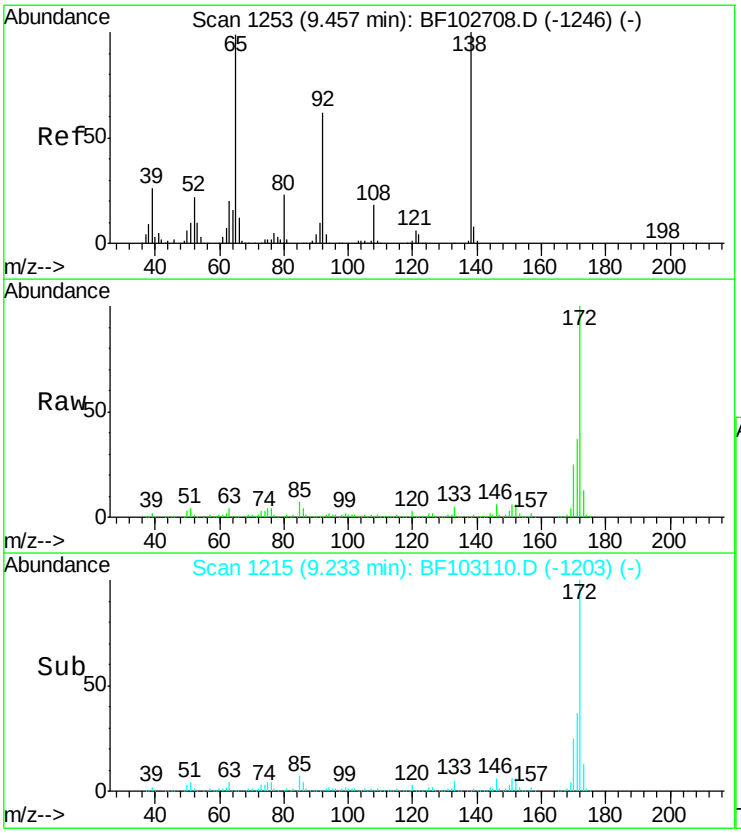
#44
2-Fluorobiphenyl
Concen: 79.73 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1416705

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4

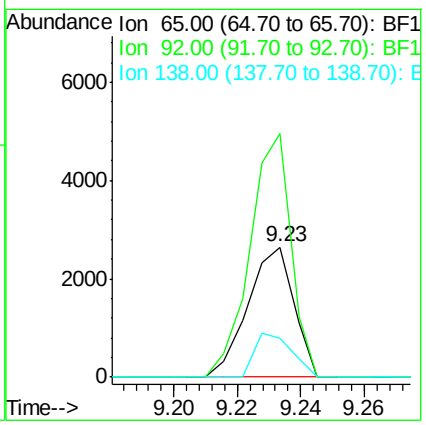


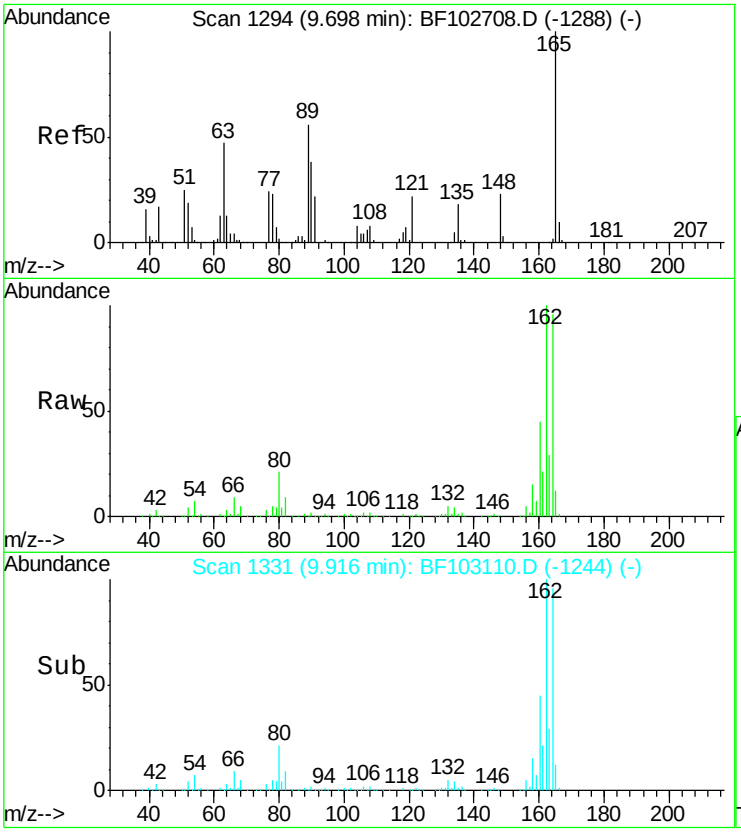


#47
2-Nitroaniline
Concen: 3.88 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion: 65 Resp: 2671

Ion	Ratio	Lower	Upper
65	100		
92	186.9	55.8	83.6#
138	29.5	91.2	136.8#



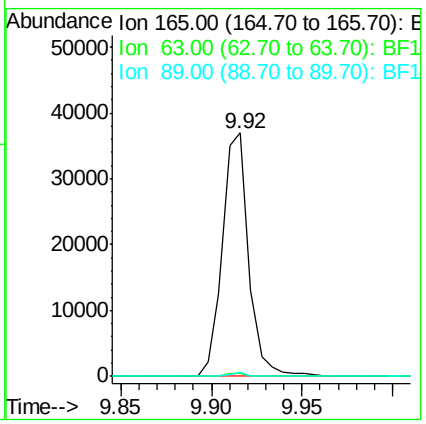


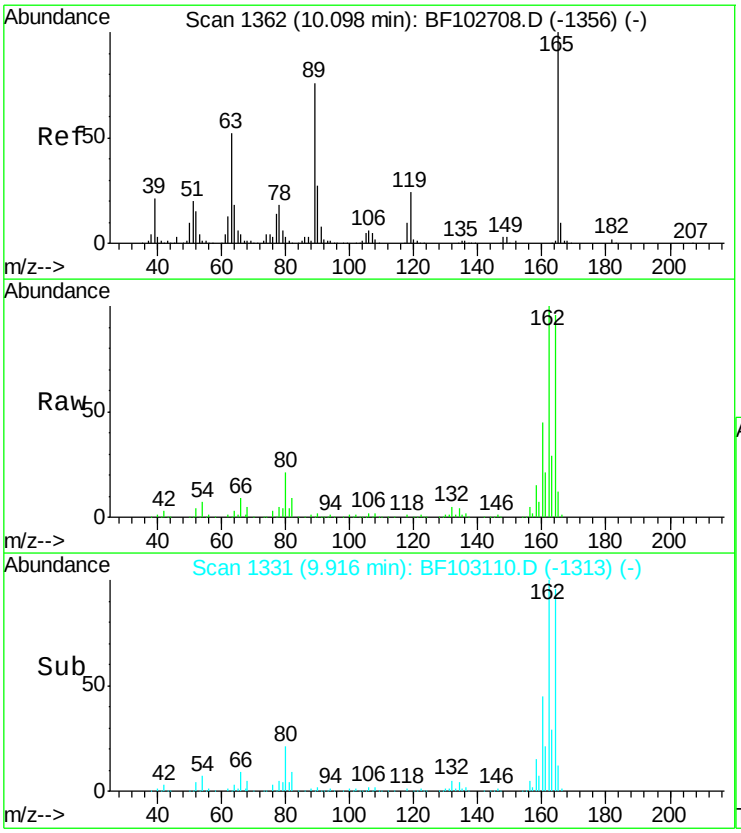
#50
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37390

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#

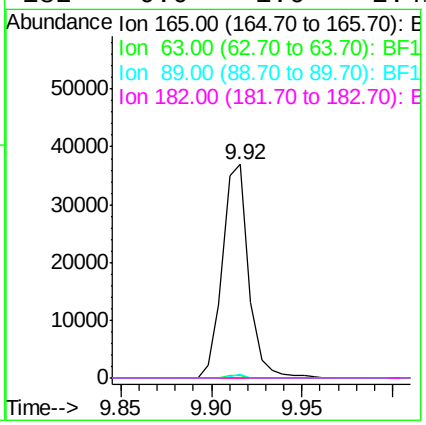


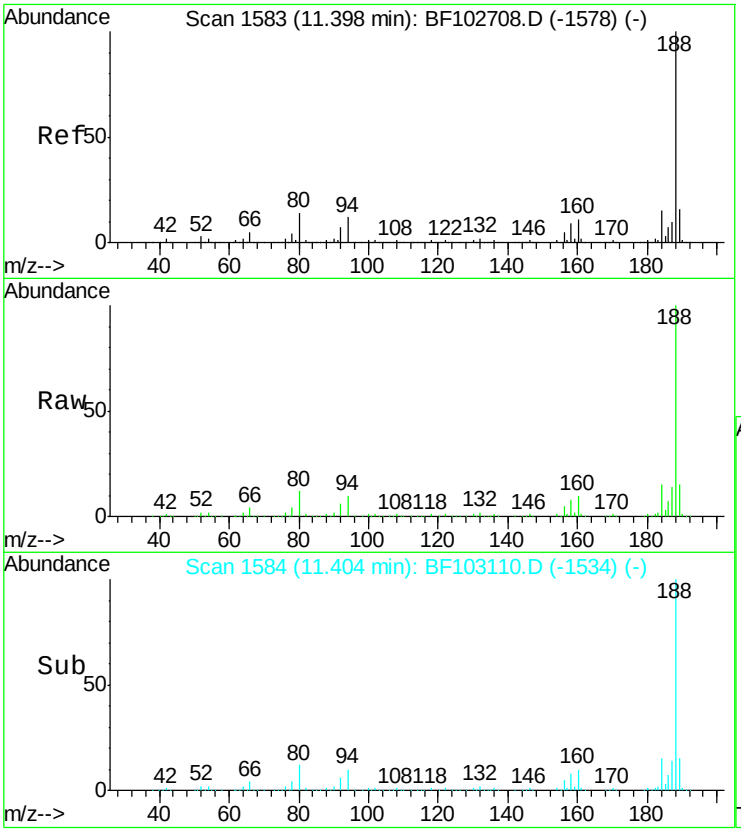


#56
2,4-Dinitrotoluene
Concen: 9.04 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:165 Resp: 37390

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



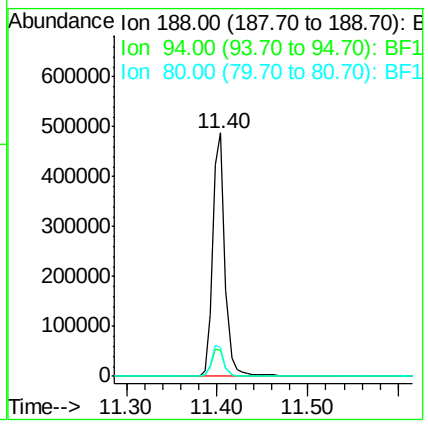


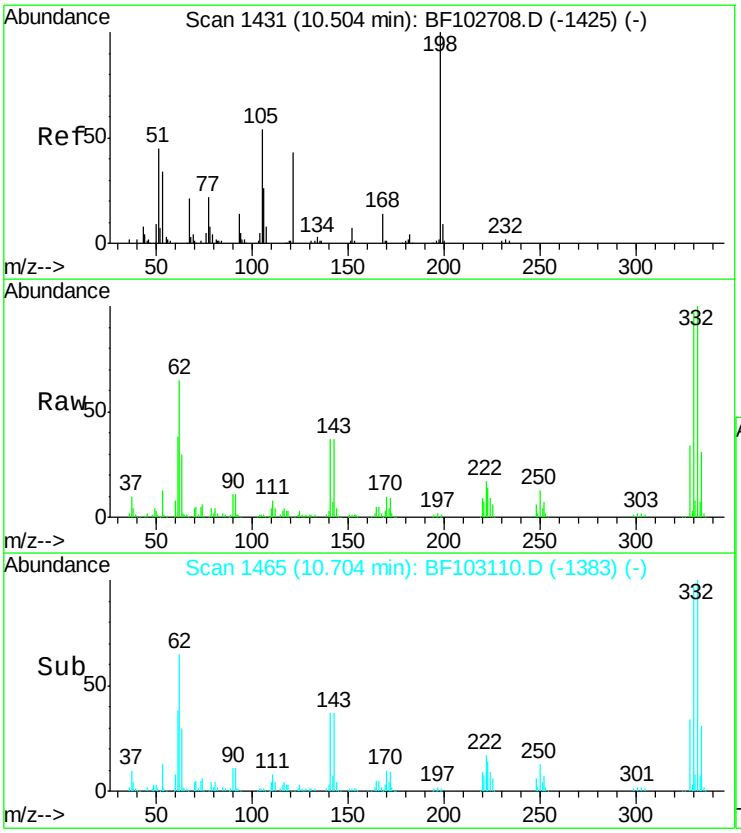
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 461942

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8

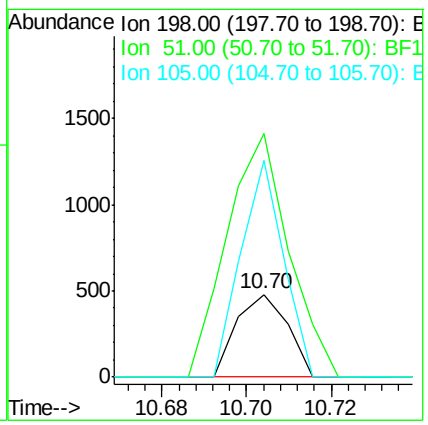


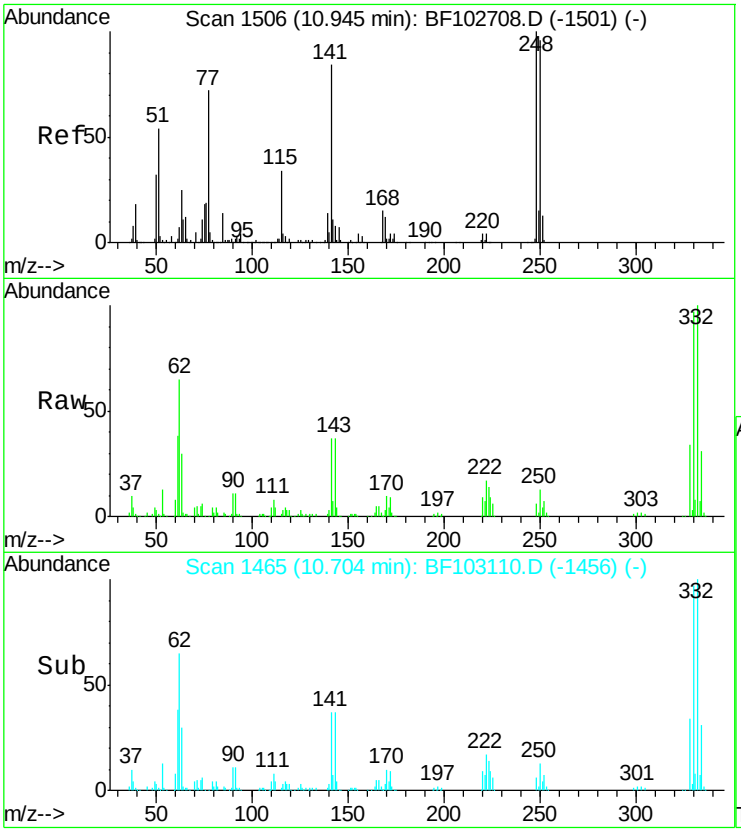


#64
4,6-Dinitro-2-methylphenol
Concen: 8.99 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	295.4	37.7	77.7#
105	263.4	36.3	76.3#



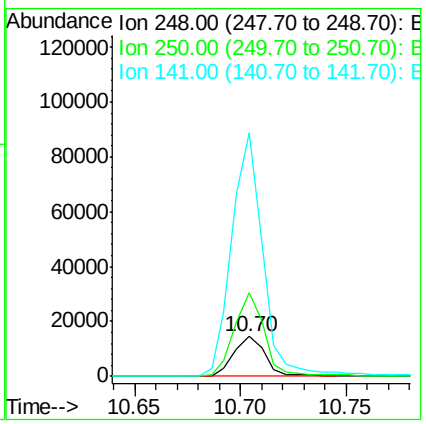


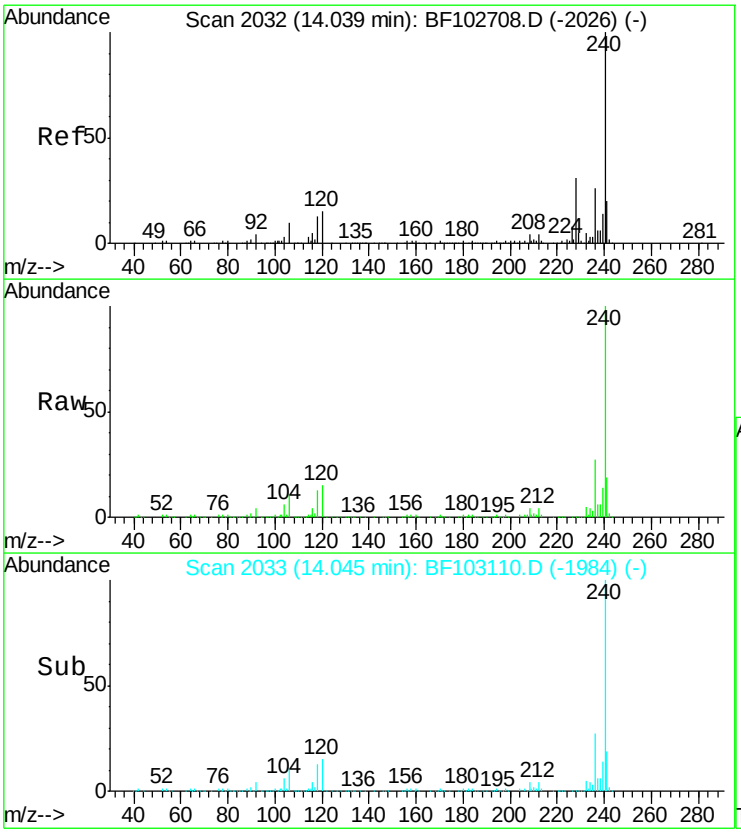
#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14812

Ion	Ratio	Lower	Upper
248	100		
250	210.5	76.9	115.3#
141	609.3	74.4	111.6#

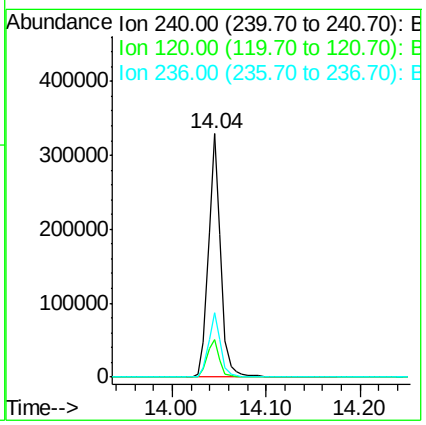


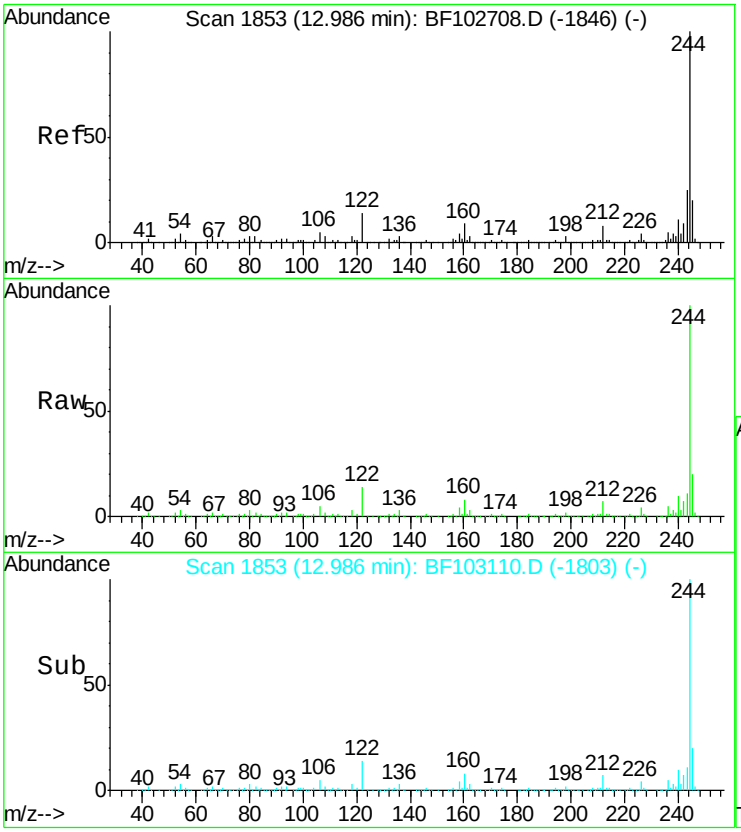


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:240 Resp: 302227

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	26.6	20.7	31.1



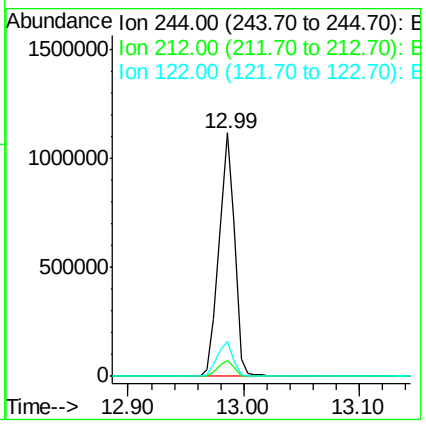


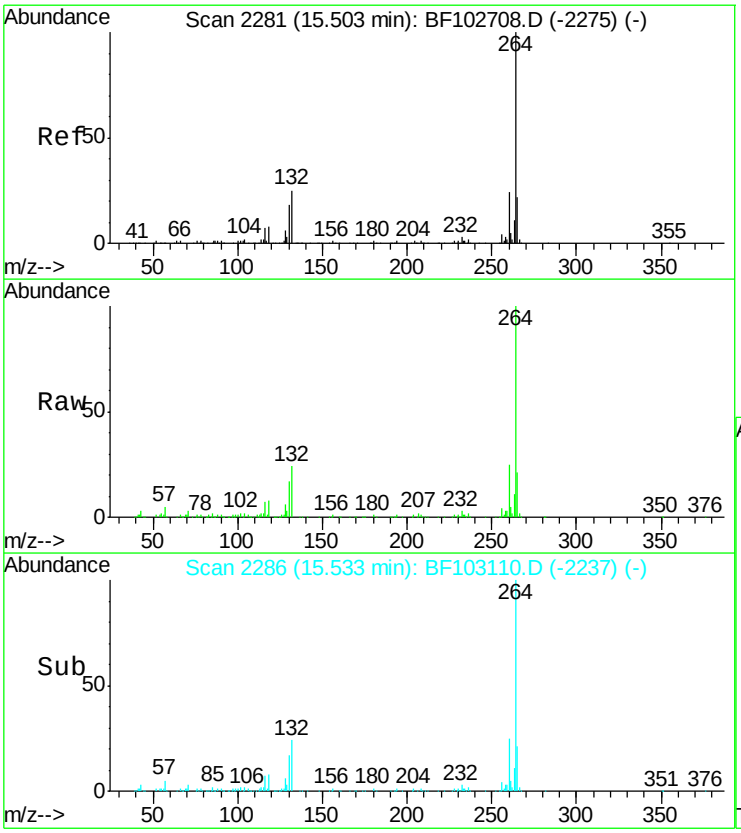
#78
Terphenyl-d14
Concen: 81.99 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103110.D
Acq: 20 Feb 2018 4:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1046593

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	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: BF103110.D
Acq: 20 Feb 2018 4:26

Tgt Ion:264 Resp: 263688

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.7	17.5	26.3