Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103108.D
Acq On : 20 Feb 2018 3:33
Operator : SJ/JU
Sample : J1604-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 20 04:30:55 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	167069	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703653	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299787	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	448431	20.00	ng	0.00
75) Chrysene-d12	14.04	240	313496	20.00	ng	-0.01
86) Perylene-d12	15.54	264	283057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1223005	111.17	ng	0.02
7) Phenol-d6	6.52	99	1322120	99.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	1029247	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	294553	122.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1584372	87.70	ng	0.00
78) Terphenyl-d14	12.99	244	1175570	88.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	135867	15.56	ng	# 80
25) Isophorone	7.45	82	1029231	44.07	ng	# 64
47) 2-Nitroaniline	9.23	65	2982	3.92	ng	# 10
50) 2,6-Dinitrotoluene	9.91	165	37972	8.54	ng	# 25
55) 4-Nitrophenol	10.12	139	201	4.07	ng	# 9
56) 2,4-Dinitrotoluene	9.91	165	37972	9.03	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	621	9.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	19154	4.04	ng	# 1

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

Quantitation Report (Not Reviewed)

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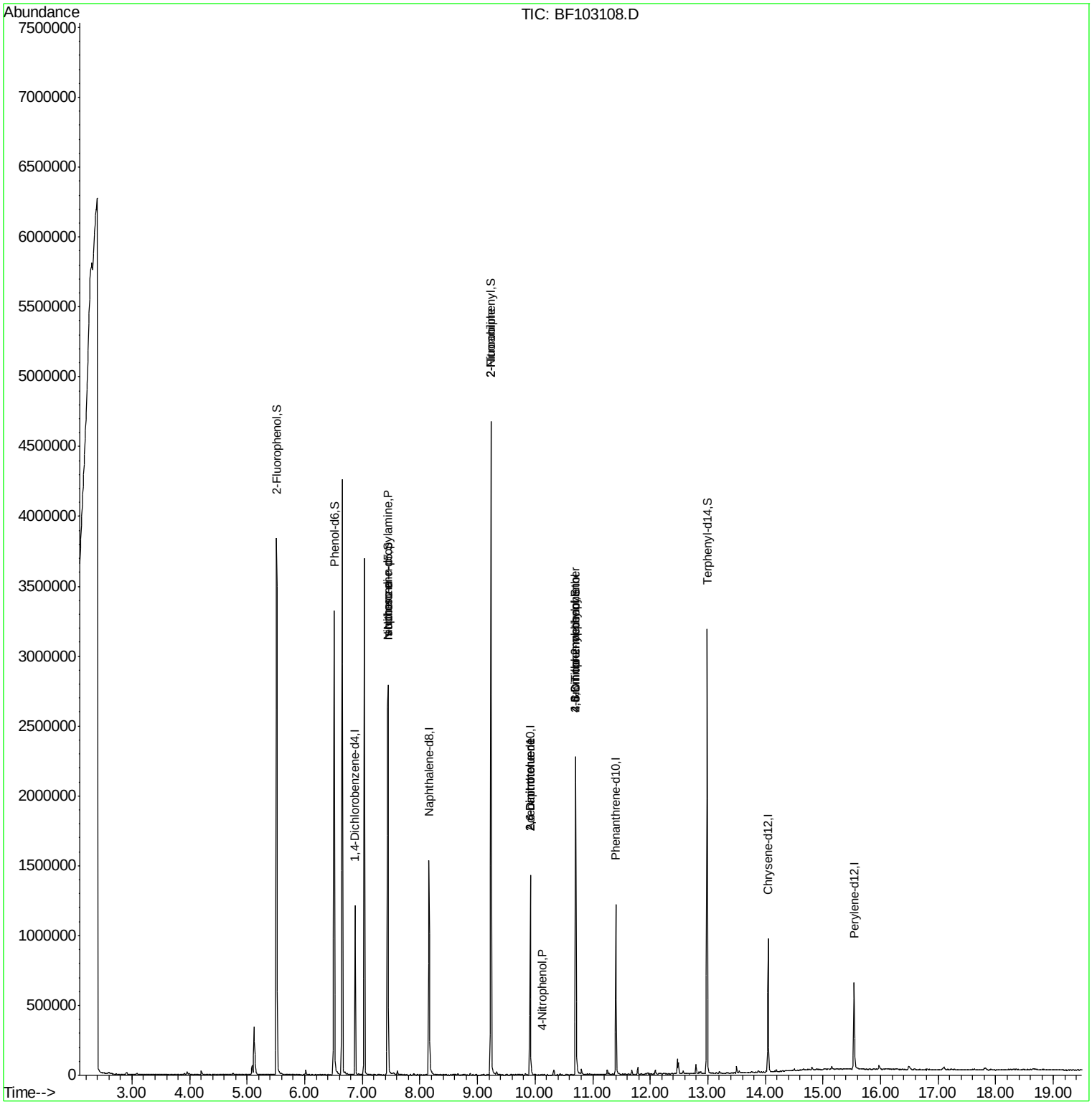
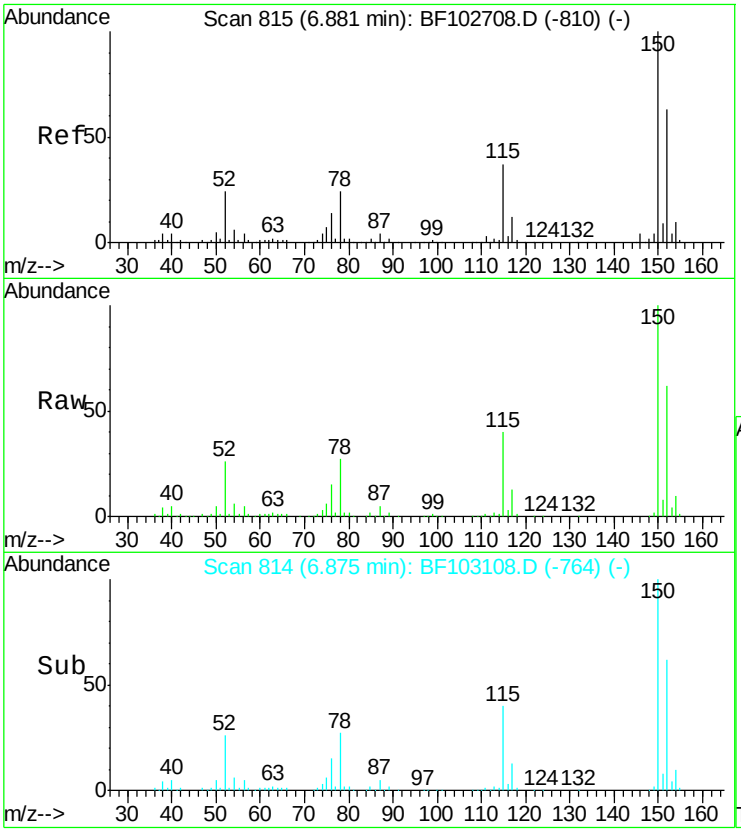


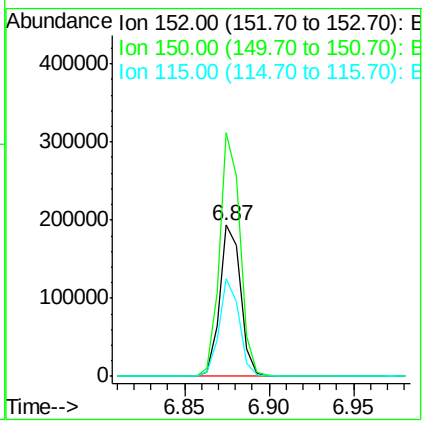


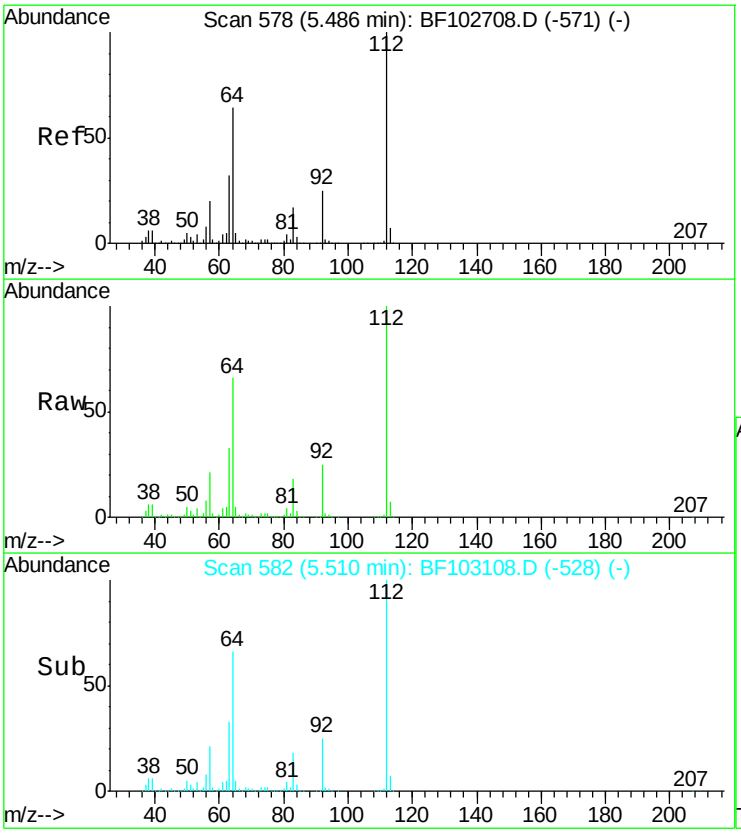
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167069

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	64.7	50.1	75.1

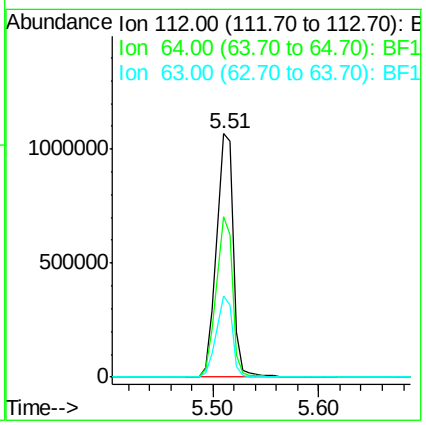


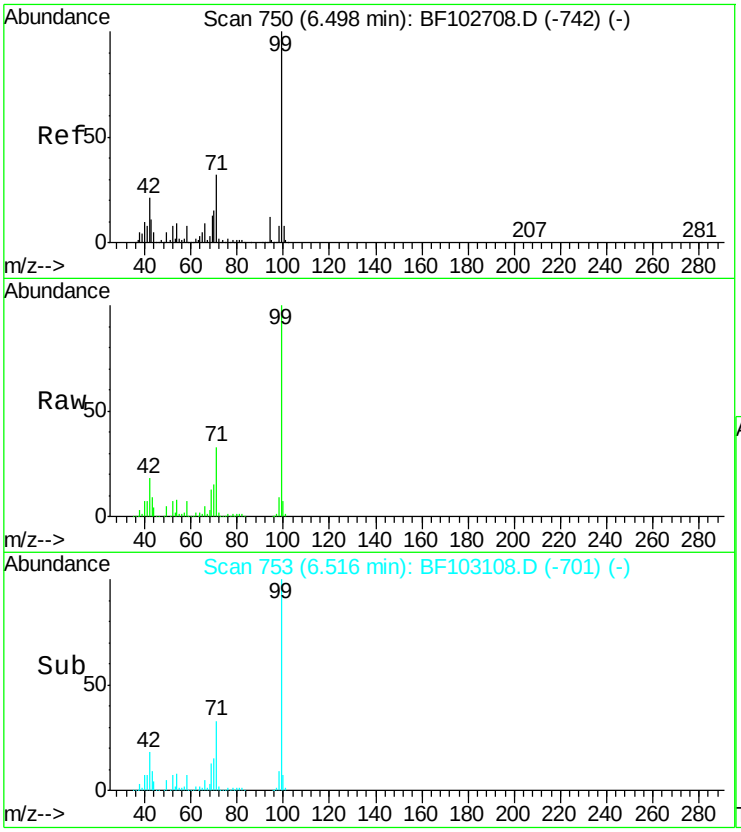


#5
2-Fluorophenol
Concen: 111.17 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:112 Resp: 1223005

Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.4	23.7	35.5



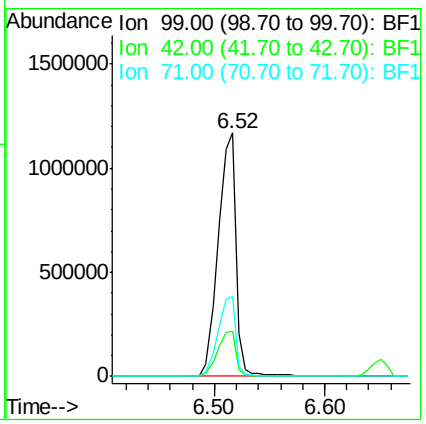


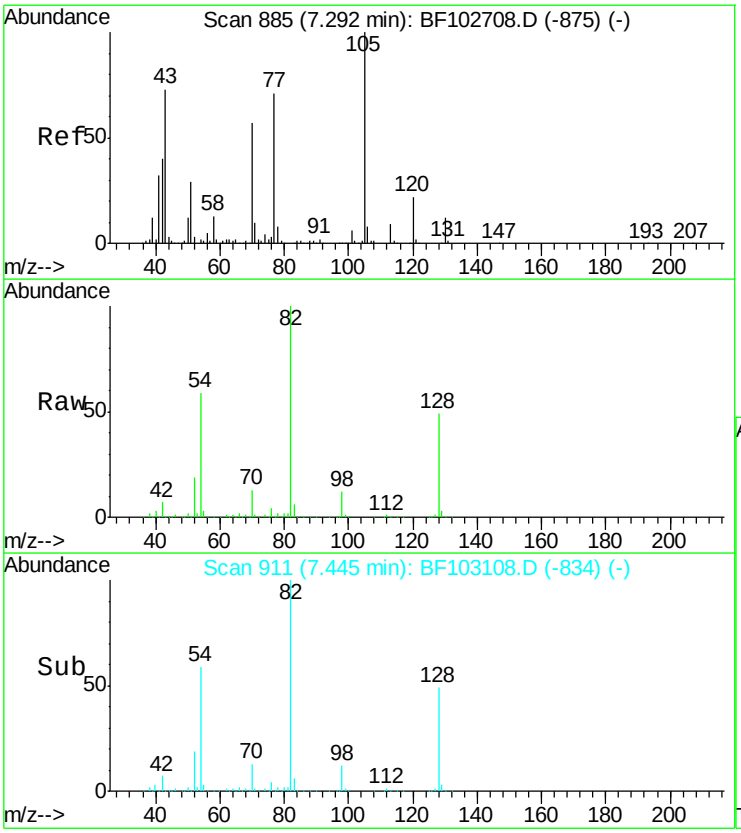
#7
Phenol-d6
Concen: 99.81 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1322120

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.7	25.4	38.0

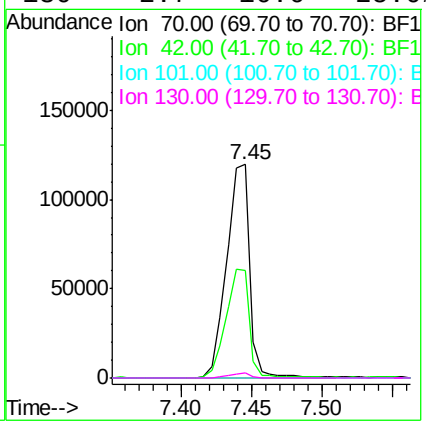


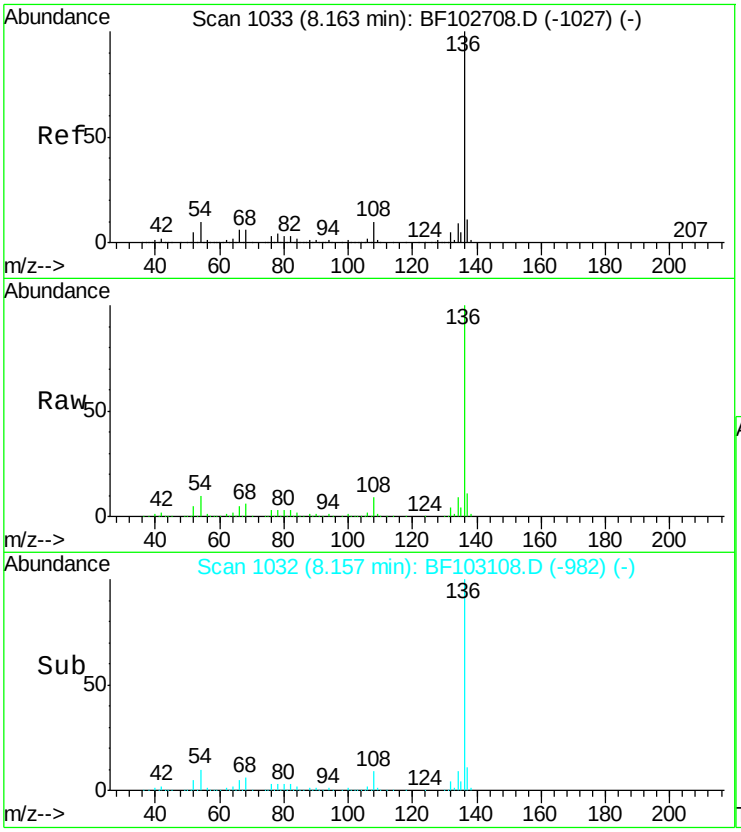


#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion: 70 Resp: 135867

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



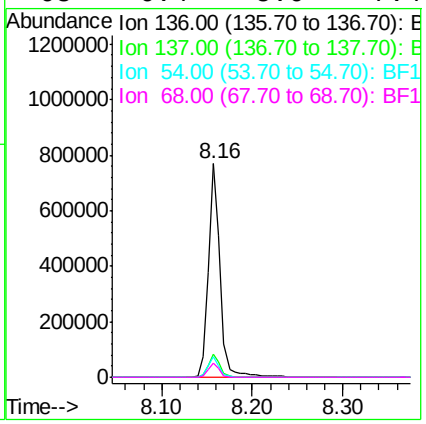


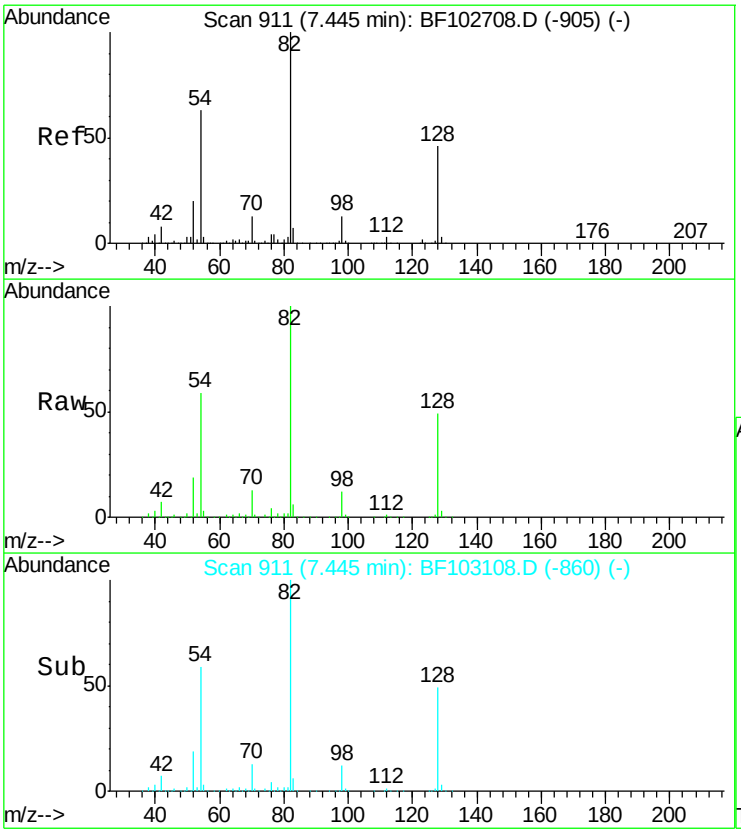
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 703653

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.4	5.0	7.4

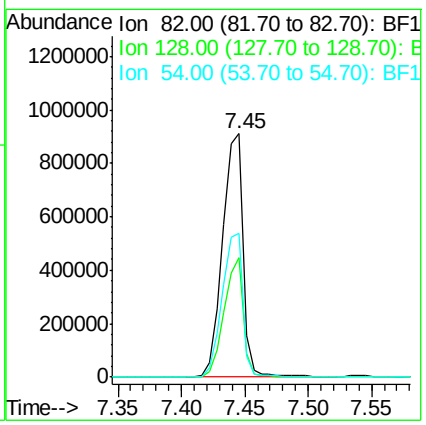


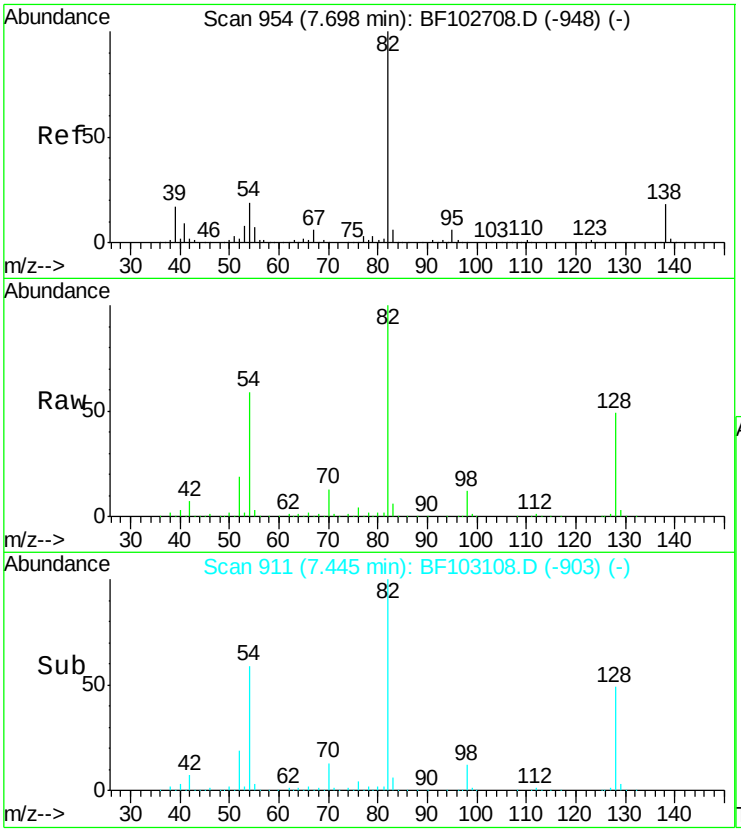


#23
Nitrobenzene-d5
Concen: 101.47 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion: 82 Resp: 1029247

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	58.8	41.4	62.2



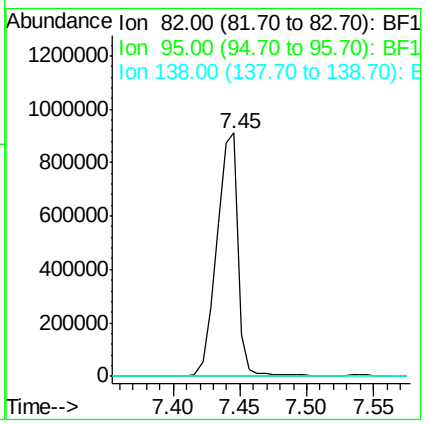


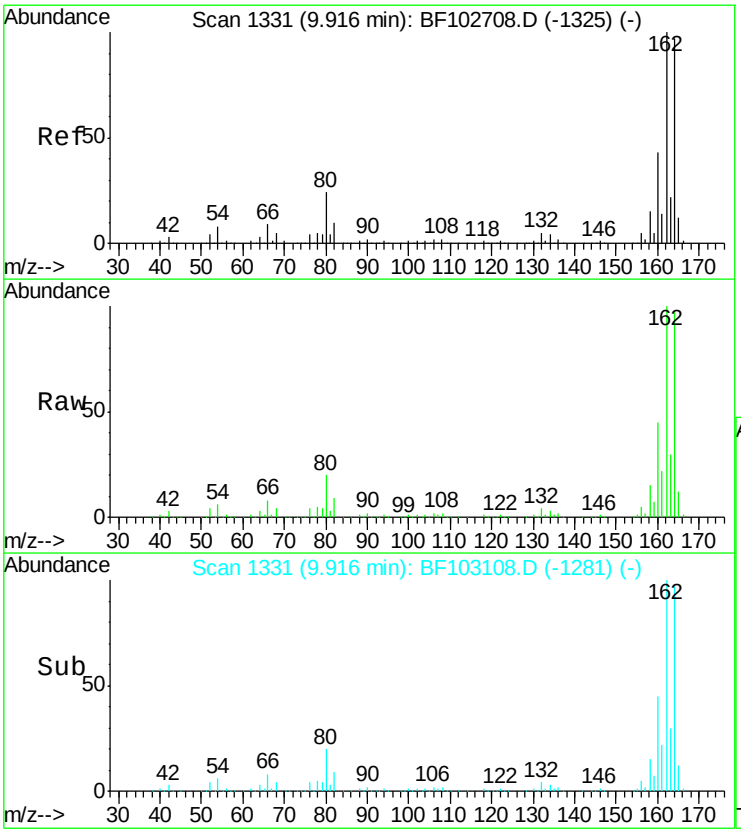
#25
Isophorone
Concen: 44.07 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1029231

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

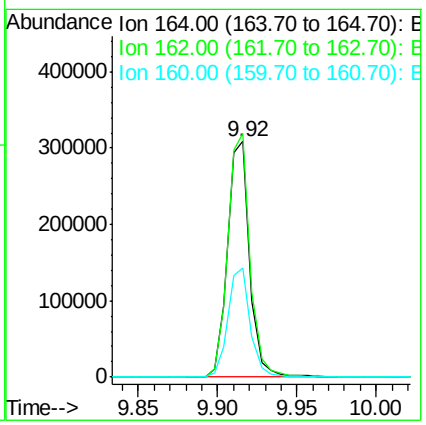


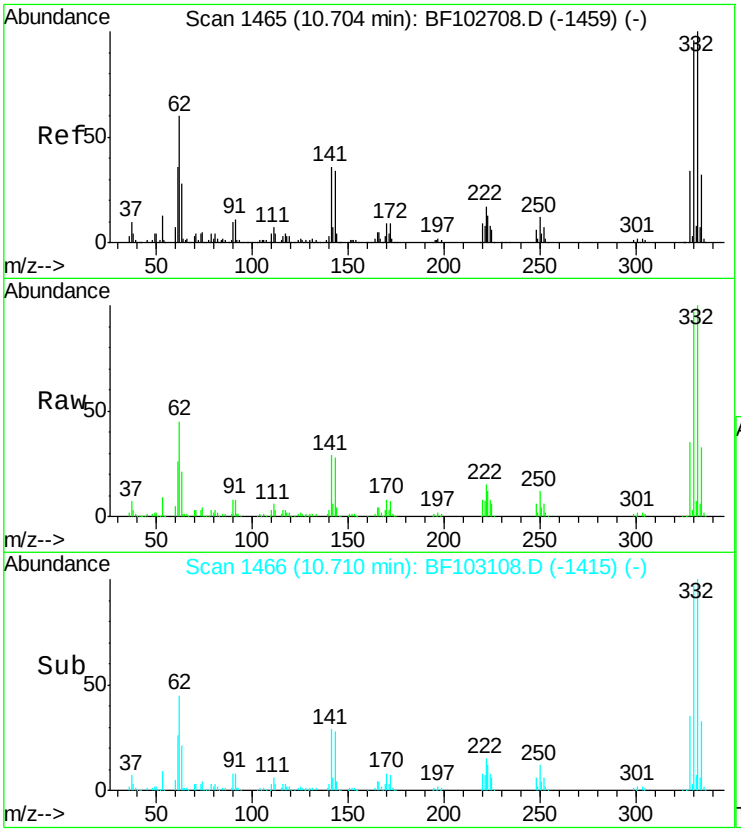


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:164 Resp: 299787

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.6	38.3	57.5



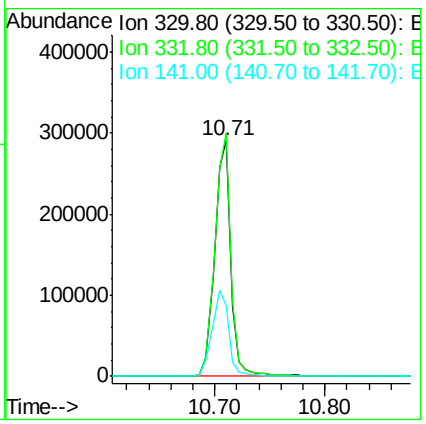


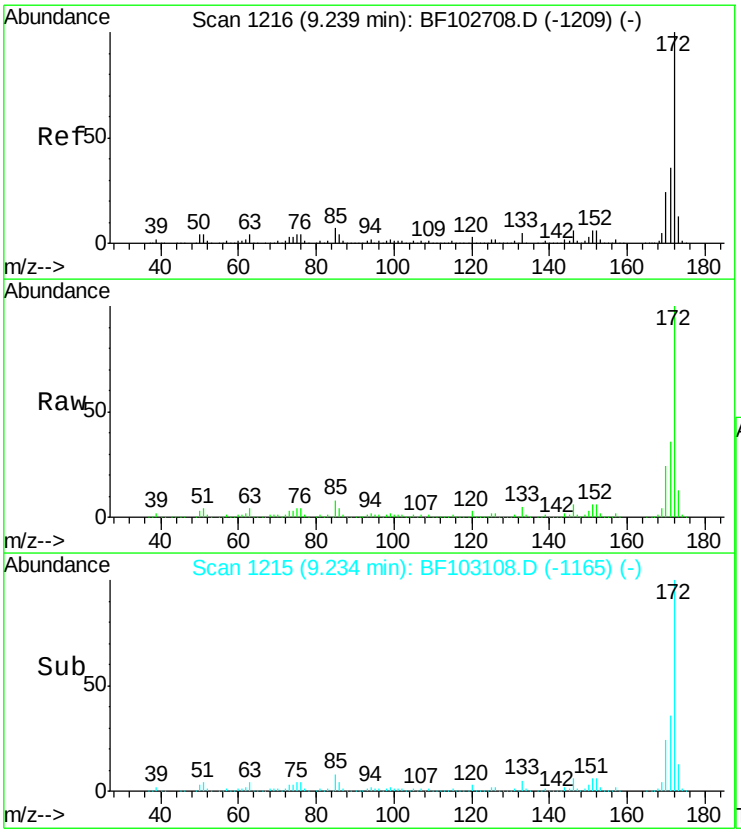
#41
2,4,6-Tribromophenol
Concen: 122.07 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 294553

Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	38.3	29.9	44.9

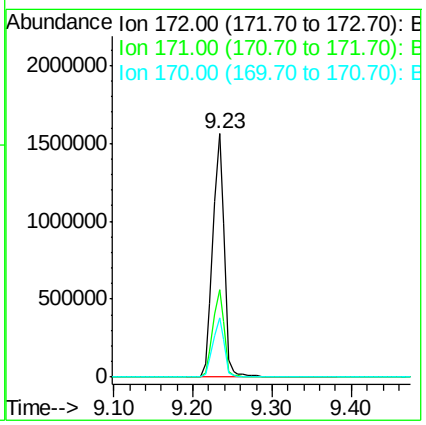


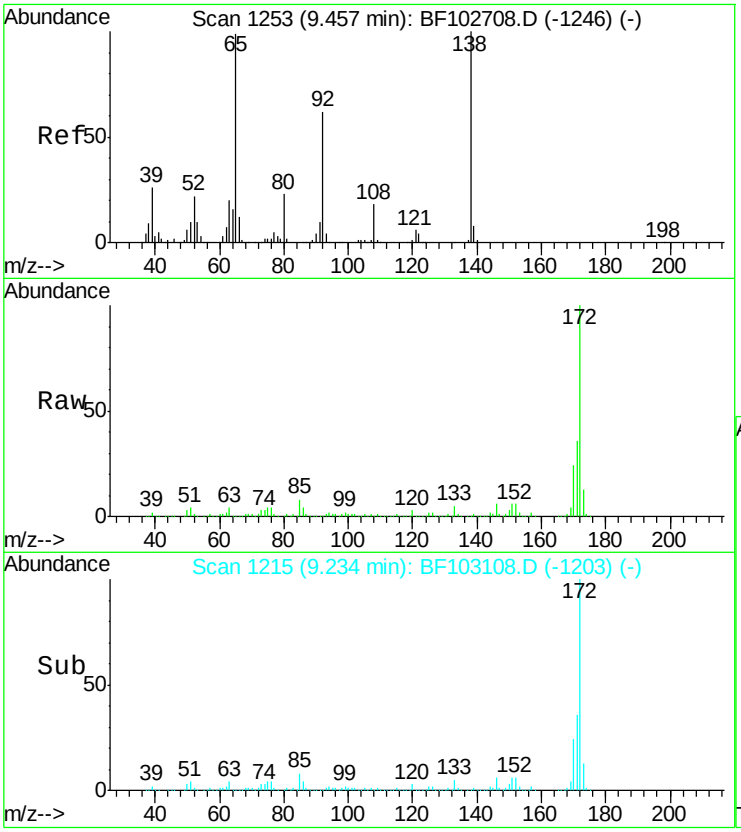


#44
2-Fluorobiphenyl
Concen: 87.70 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:172 Resp: 1584372

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



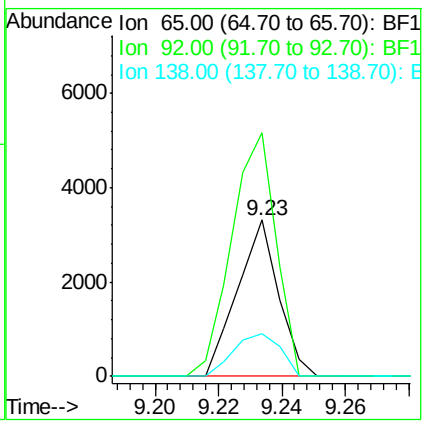


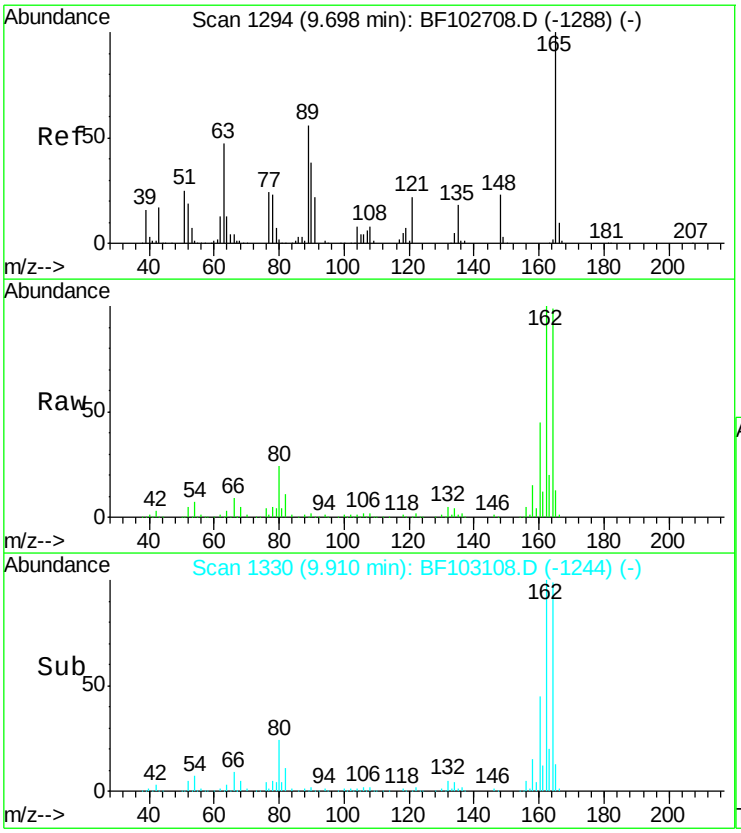
#47
2-Nitroaniline
Concen: 3.92 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2982

Ion	Ratio	Lower	Upper
65	100		
92	156.0	55.8	83.6#
138	27.7	91.2	136.8#

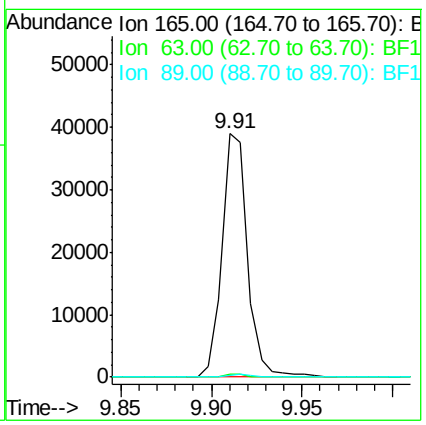


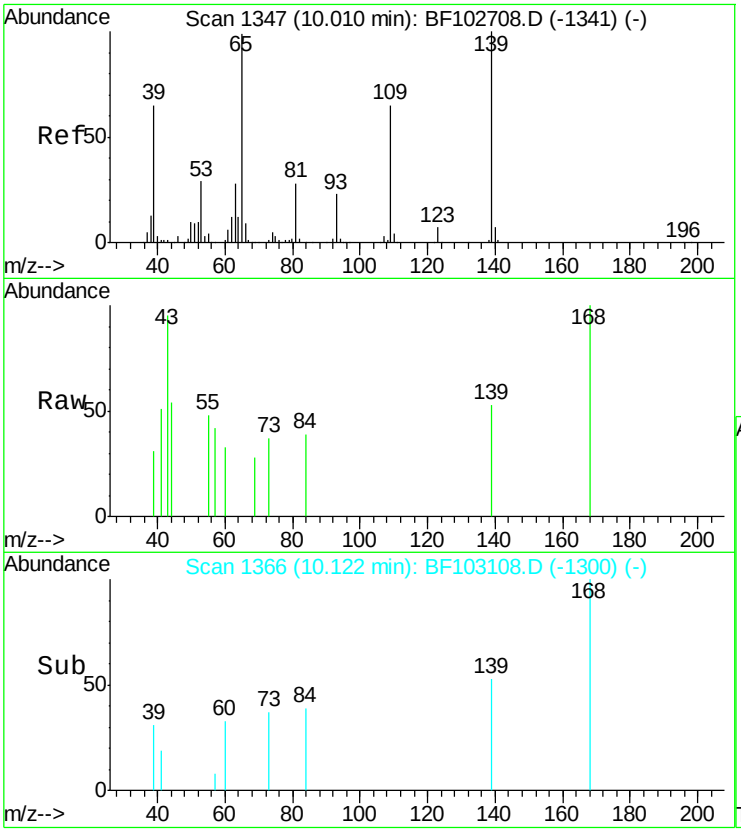


#50
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:165 Resp: 37972

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.9	44.0	66.0#



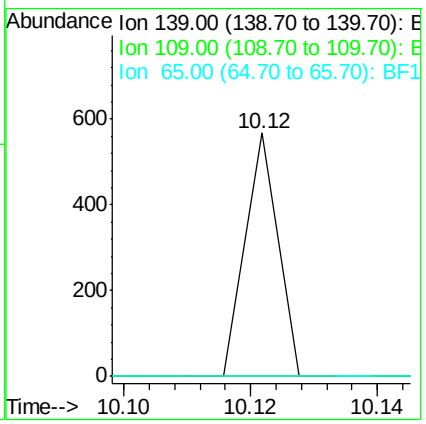


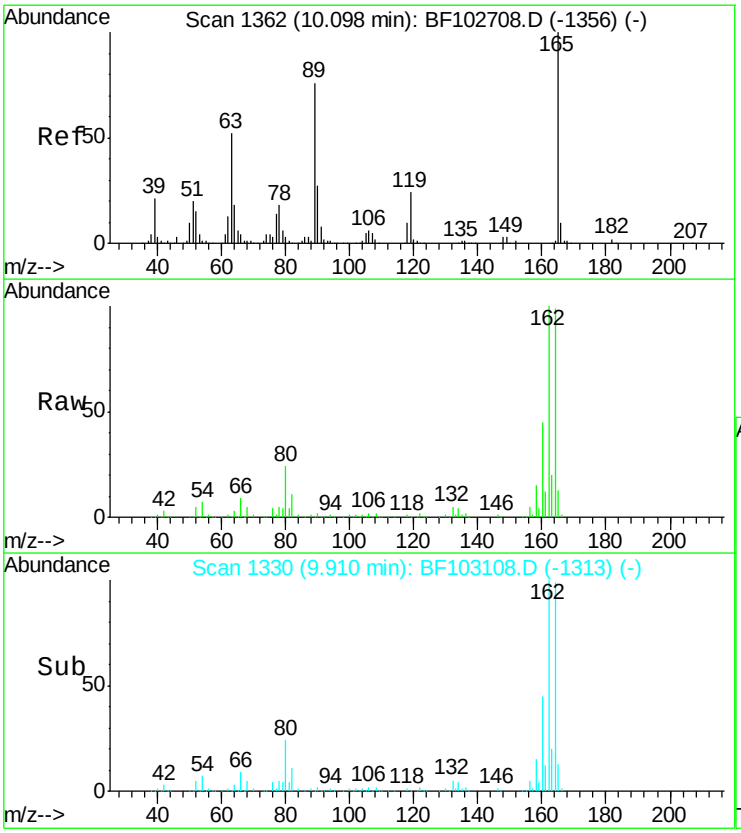
#55
4-Nitrophenol
Concen: 4.07 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 201

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

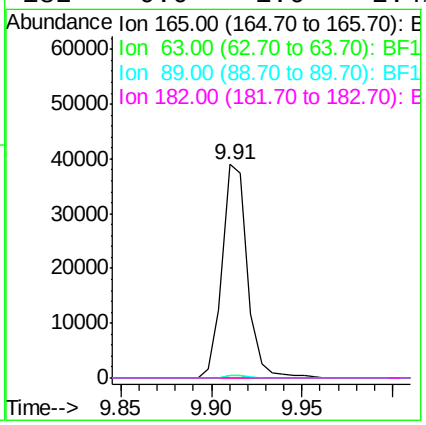


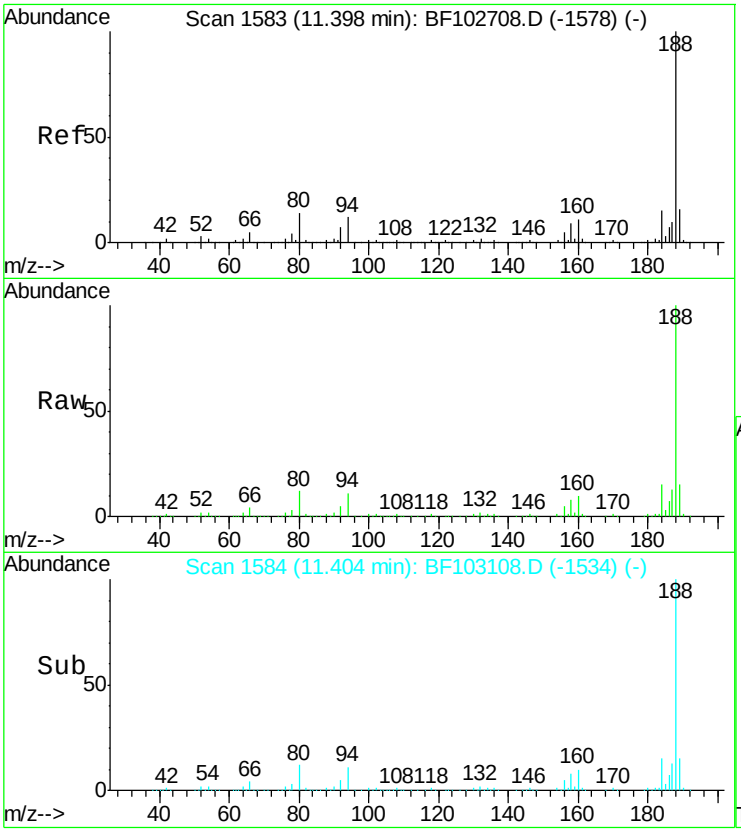


#56
2,4-Dinitrotoluene
Concen: 9.03 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:165 Resp: 37972

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



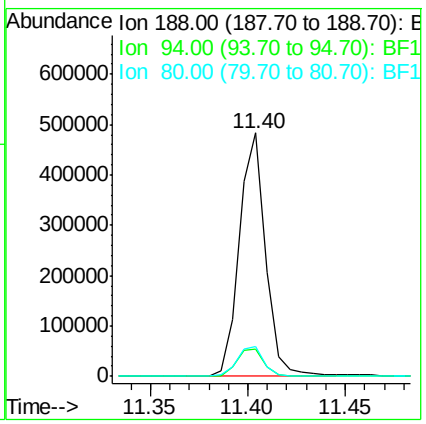


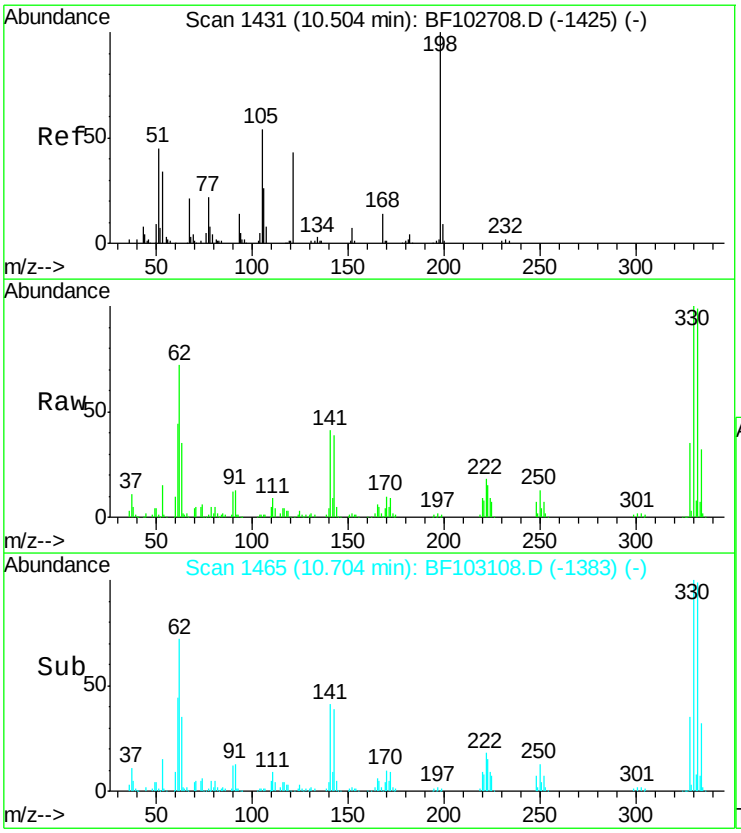
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 448431

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8

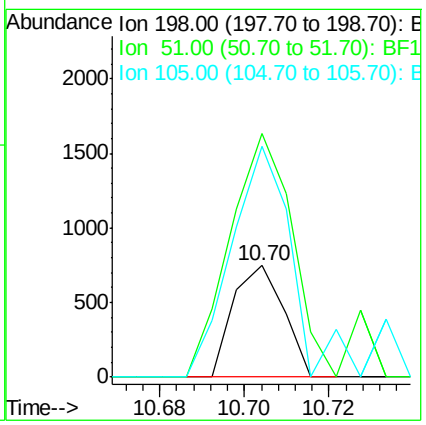


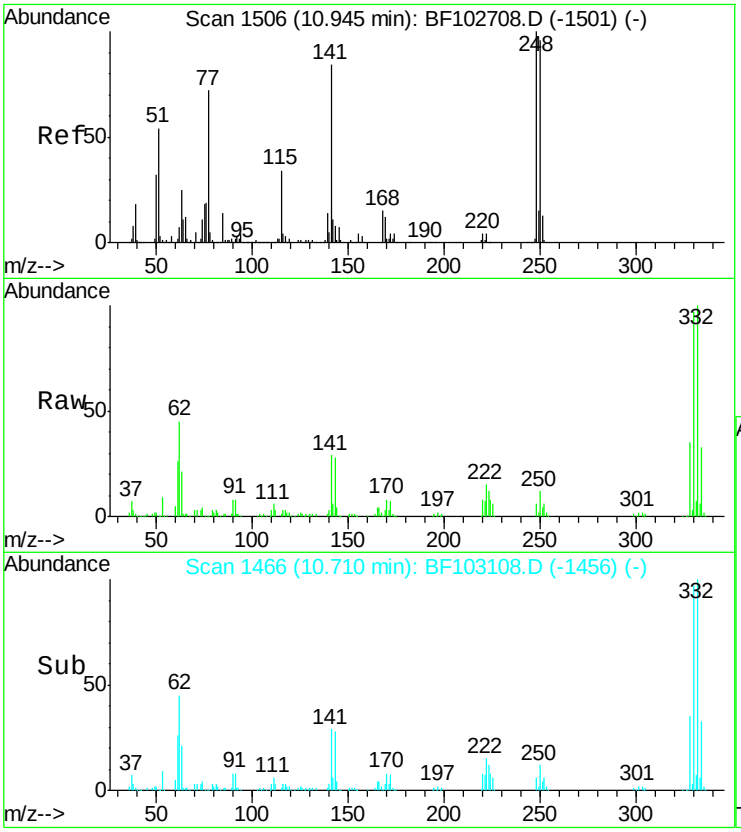


#64
4,6-Dinitro-2-methylphenol
Concen: 9.10 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:198 Resp: 621

Ion	Ratio	Lower	Upper
198	100		
51	217.9	37.7	77.7#
105	206.3	36.3	76.3#



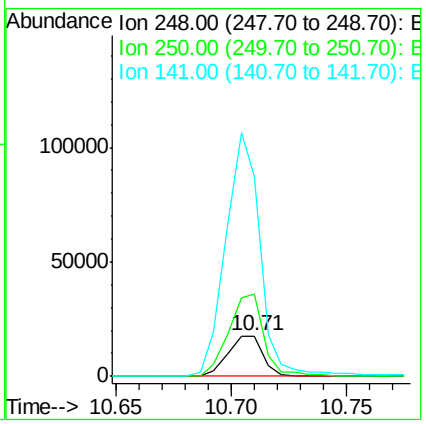


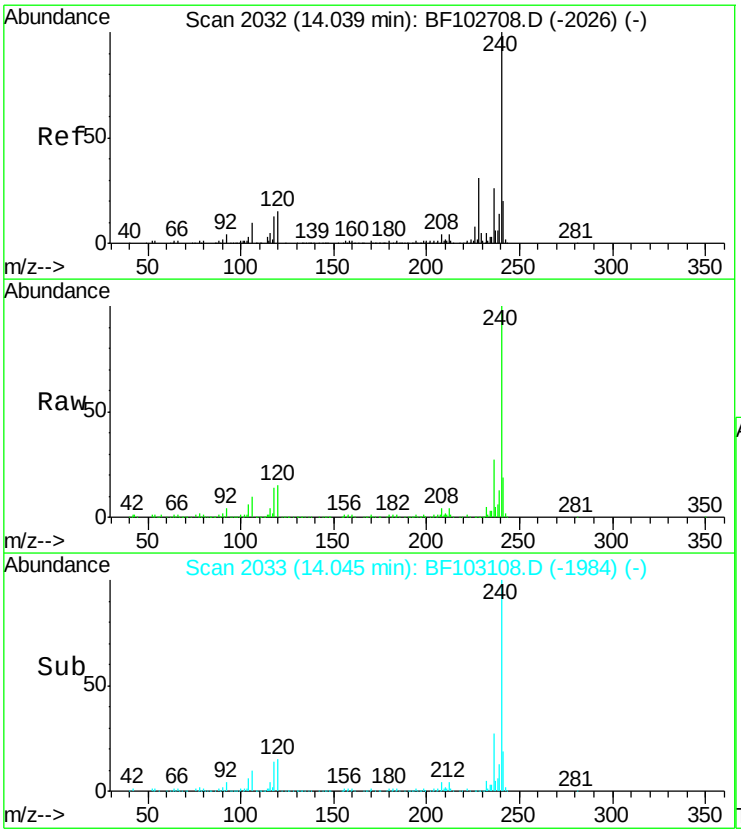
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19154

Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.9	115.3#
141	491.4	74.4	111.6#

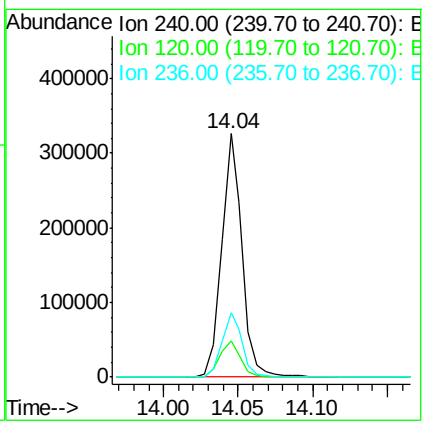


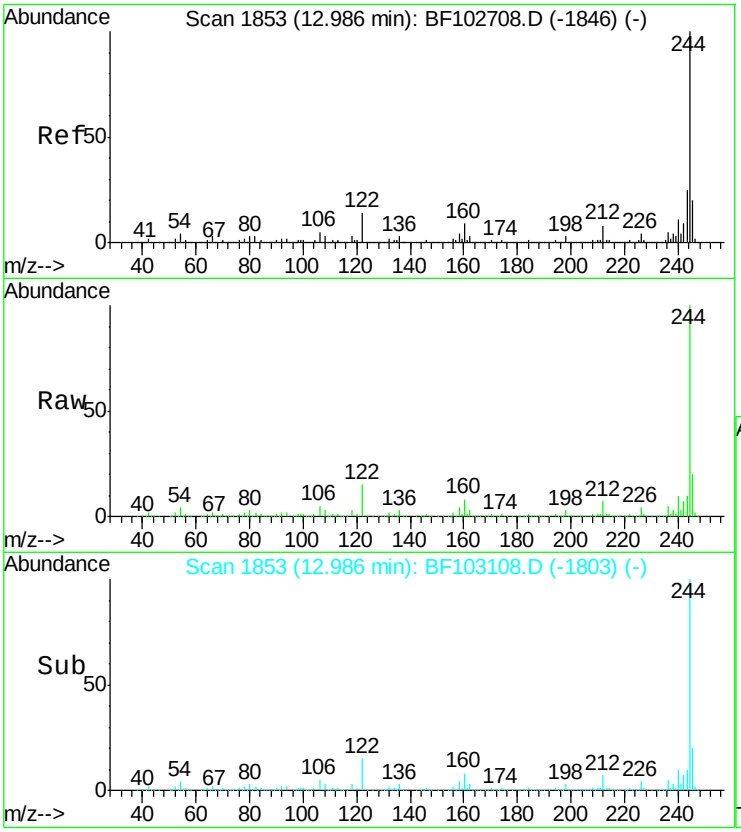


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:240 Resp: 313496

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.5	20.7	31.1



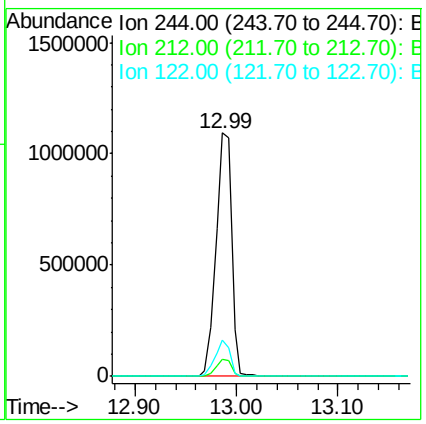


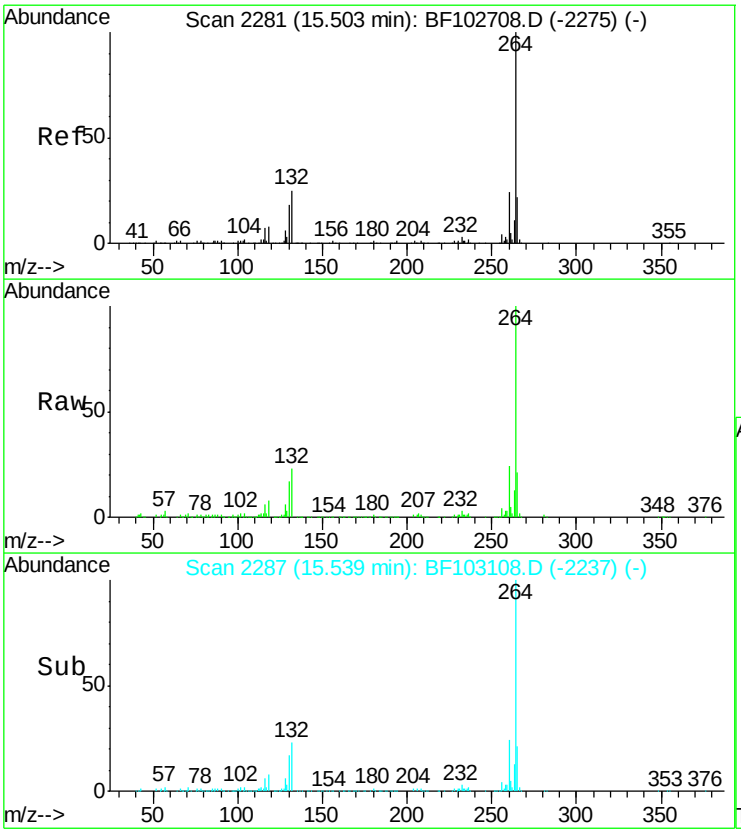
#78
Terphenyl-d14
Concen: 88.79 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1175570

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103108.D
Acq: 20 Feb 2018 3:33

Tgt Ion:264 Resp: 283057

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3