Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
Data File : BF103038.D
Acq On : 16 Feb 2018 2:38
Operator : SJ/JU
Sample : J1562-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 04:19:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163787	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	677823	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	281594	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	420444	20.00	ng		0.00
75) Chrysene-d12	14.04	240	319160	20.00	ng		0.00
86) Perylene-d12	15.53	264	278981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	994315	92.19	ng		0.00
7) Phenol-d6	6.51	99	1195307	92.05	ng		0.00
23) Nitrobenzene-d5	7.44	82	737568	75.49	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	190551	84.07	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1232329	72.62	ng		0.00
78) Terphenyl-d14	12.99	244	929766	68.98	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	20957	2.17	ng		82
19) n-Nitroso-di-n-propylamine	7.44	70	96846	11.31	ng	#	80
25) Isophorone	7.44	82	737561	32.78	ng	#	64
47) 2-Nitroaniline	9.62	65	699	3.58	ng	#	1
49) Dimethylphthalate	9.62	163	69539	3.17	ng	#	98
50) 2,6-Dinitrotoluene	9.92	165	36424	8.72	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	36424	9.16	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	314	8.96	ng		79
66) 4-Bromophenyl-phenylether	10.70	248	12283	2.76	ng	#	1

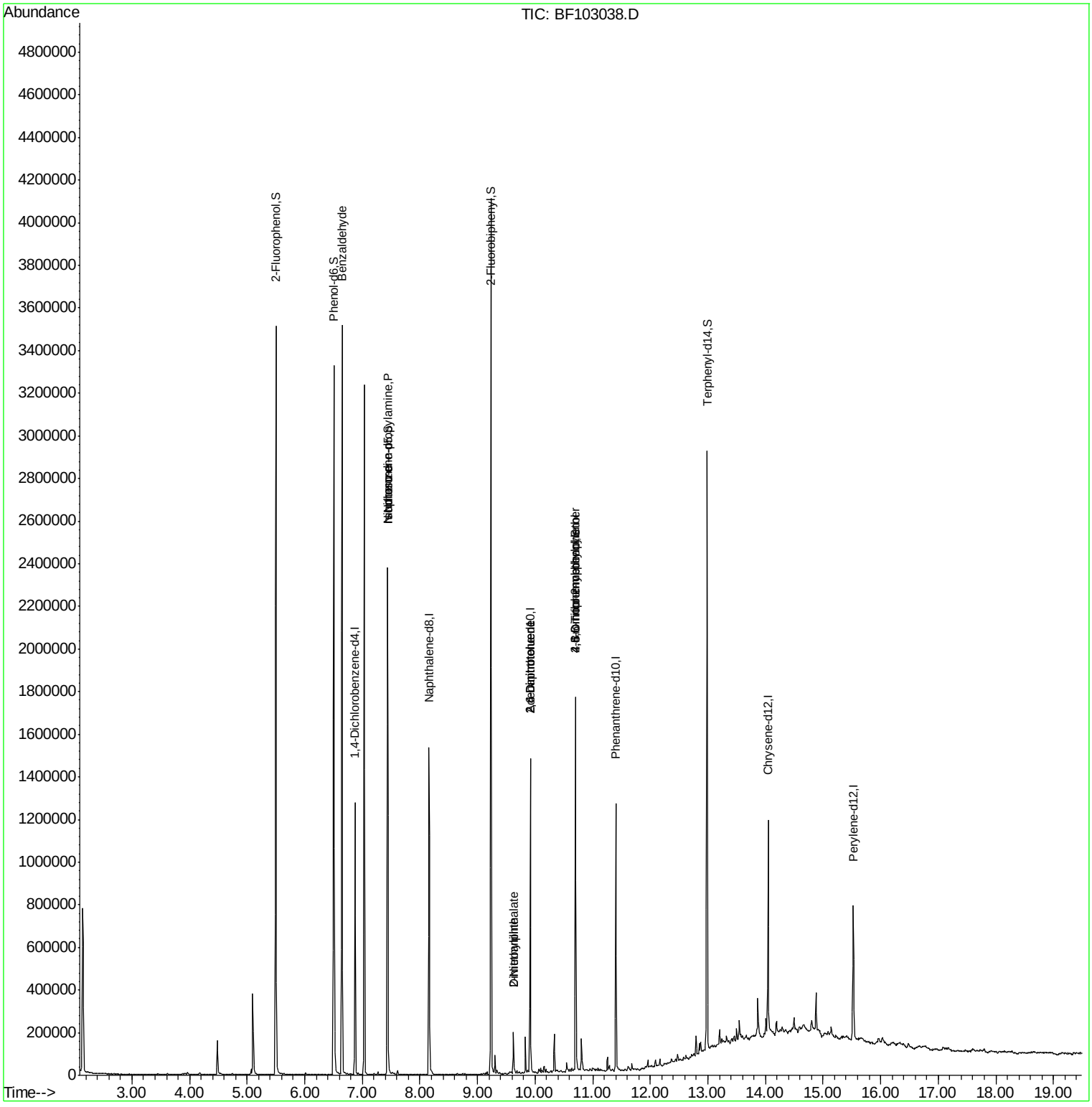
(#) = qualifier out of range (m) = manual integration (+) = signals summed

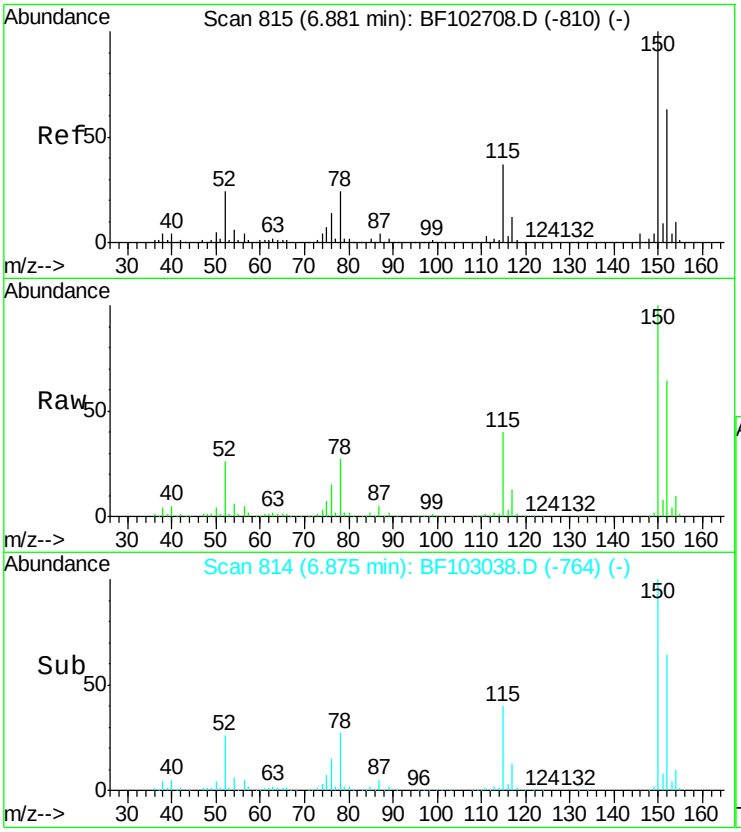
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
Data File : BF103038.D
Acq On : 16 Feb 2018 2:38
Operator : SJ/JU
Sample : J1562-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 16 04:19:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration



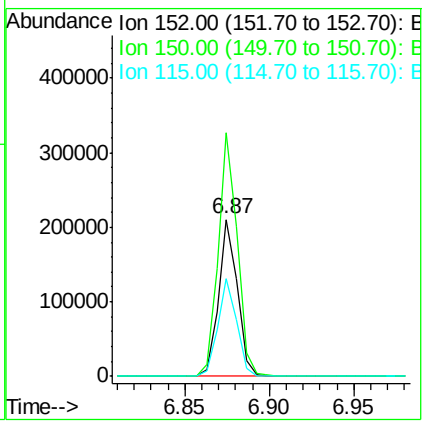


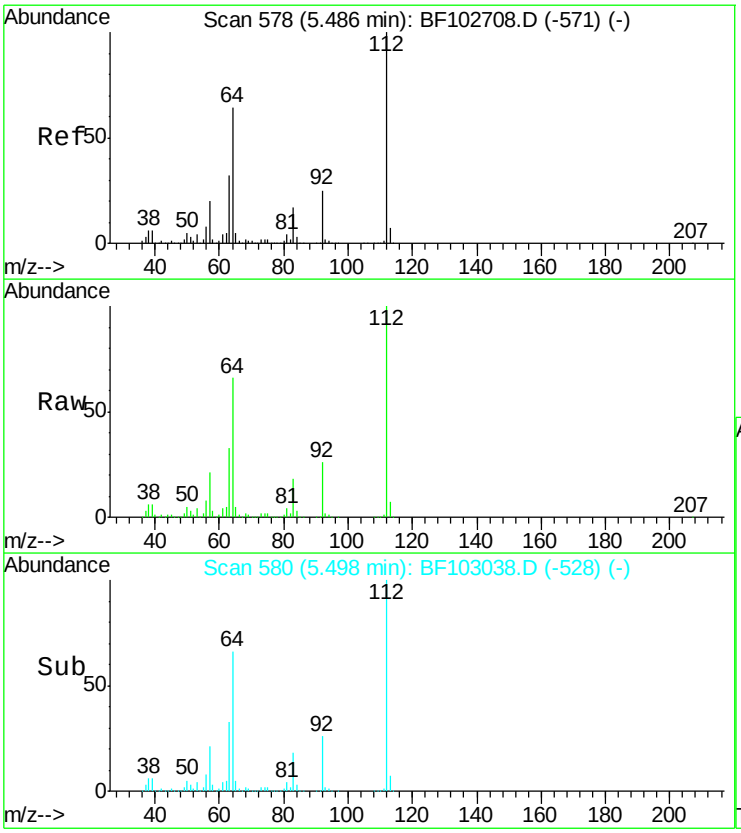
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163787

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	62.4	50.1	75.1

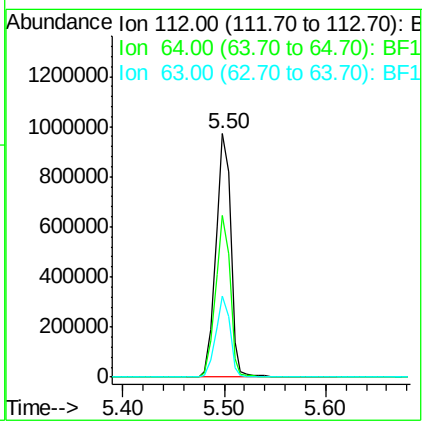


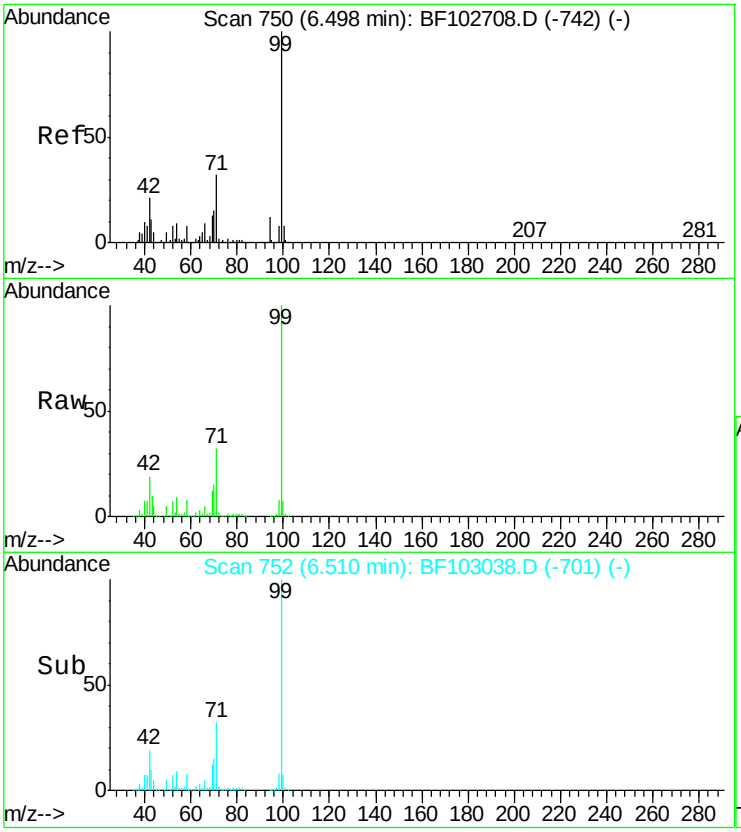


#5
2-Fluorophenol
Concen: 92.19 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:112 Resp: 994315

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	33.5	23.7	35.5



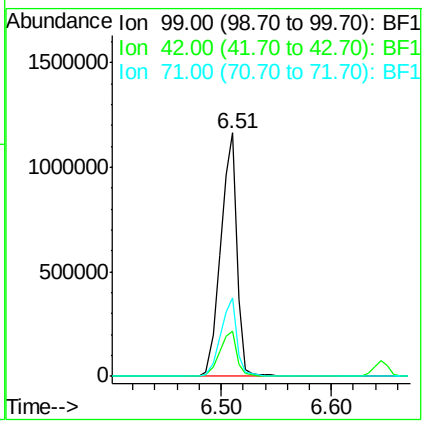


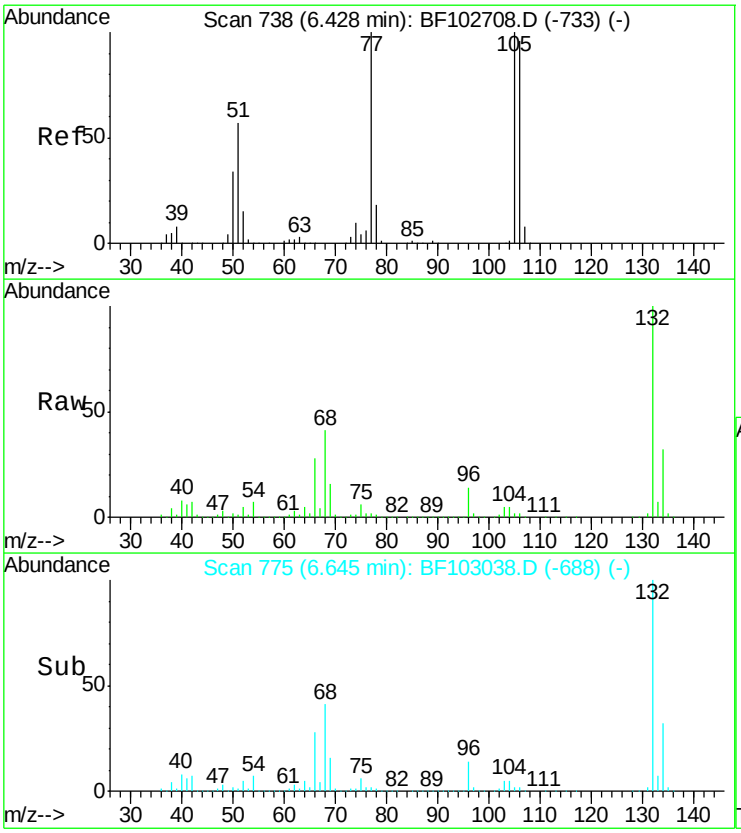
#7
Phenol-d6
Concen: 92.05 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1195307

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.3	25.4	38.0

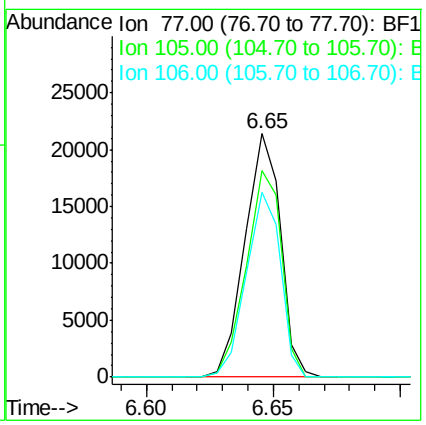


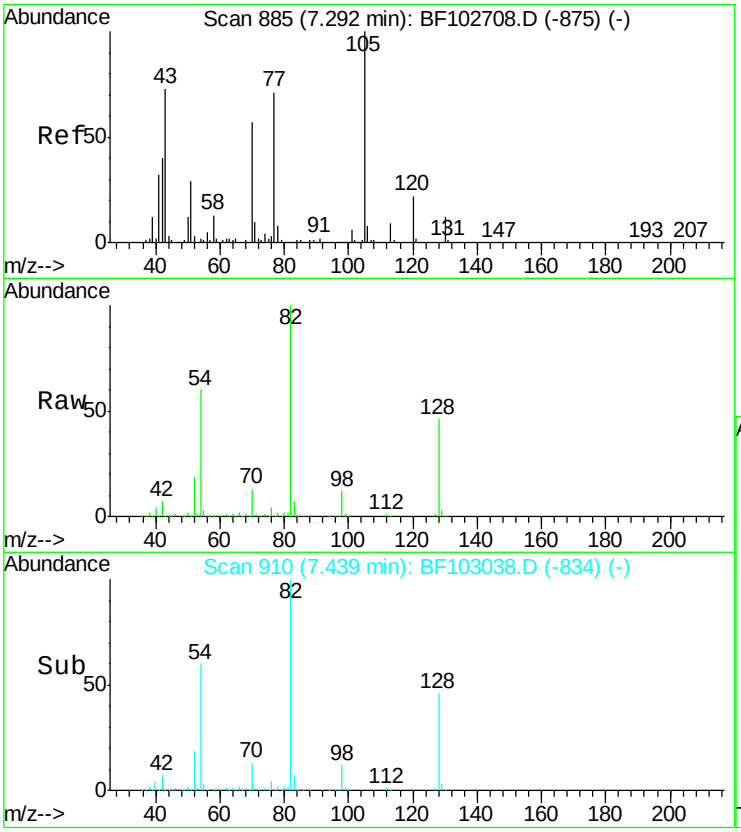


#9
Benzaldehyde
Concen: 2.17 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion: 77 Resp: 20957

Ion	Ratio	Lower	Upper
77	100		
105	84.8	81.1	121.1
106	76.0	74.5	114.5



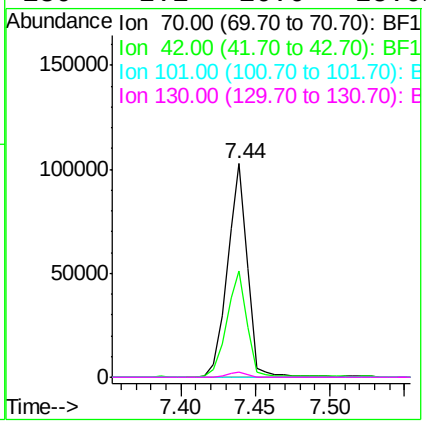


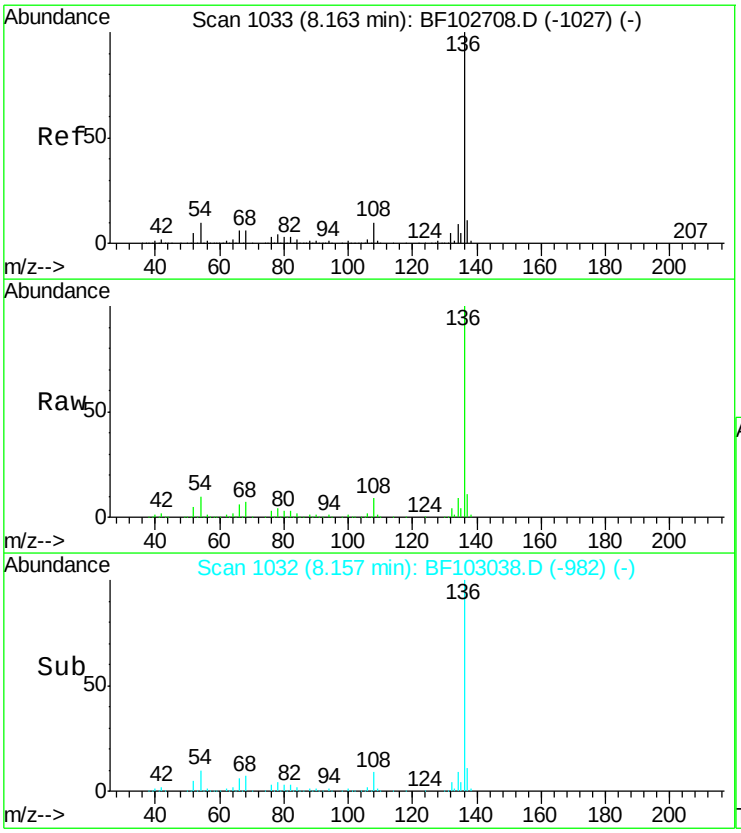
#19
n-Nitroso-di-n-propylamine
Concen: 11.31 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 96846

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

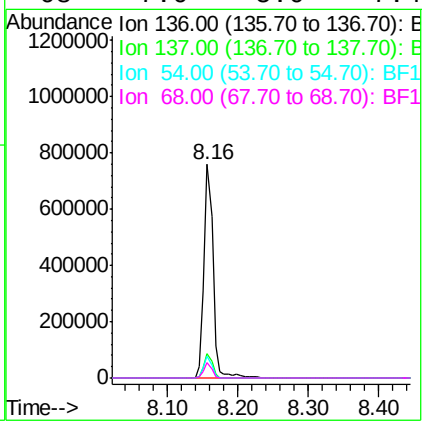


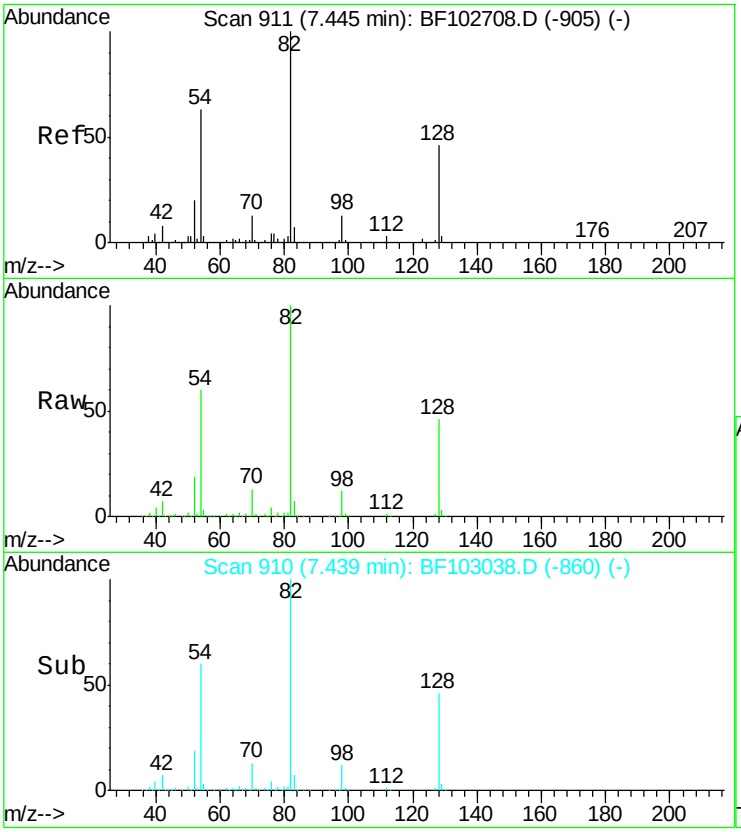


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:136 Resp: 677823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	6.6	9.8#
68	7.0	5.0	7.4



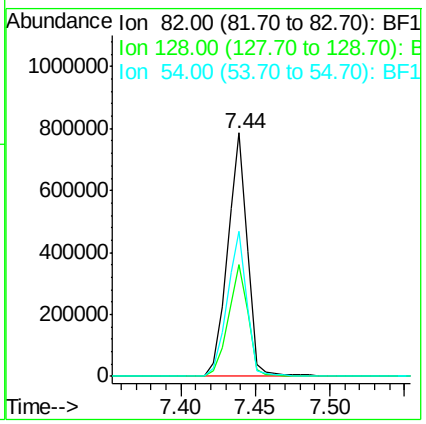


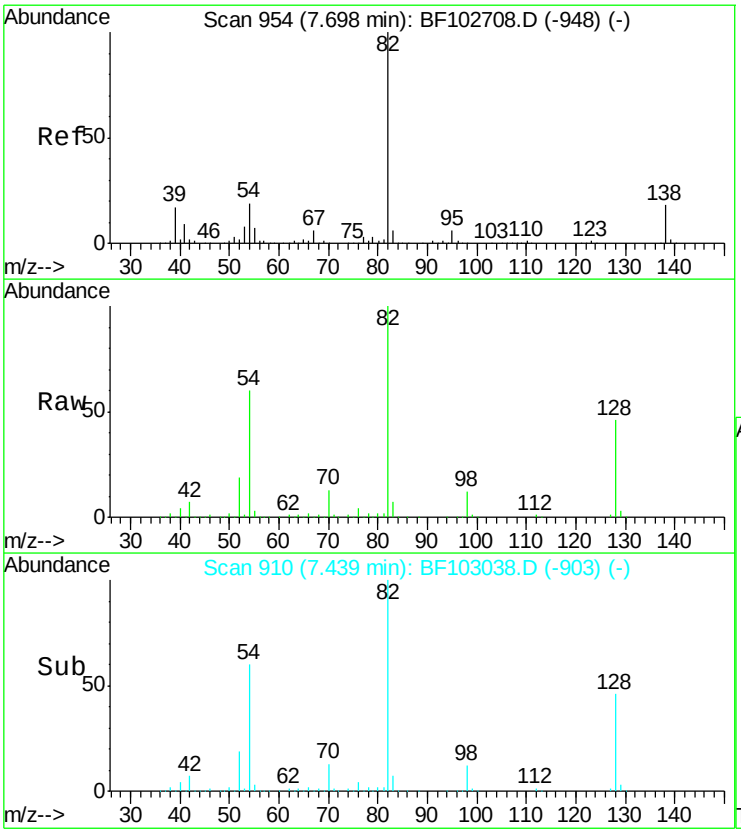
#23
Nitrobenzene-d5
Concen: 75.49 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 737568

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	59.8	41.4	62.2

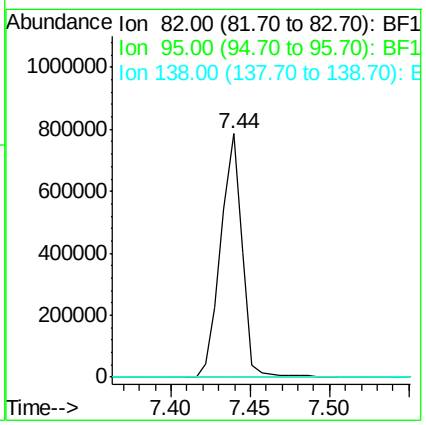


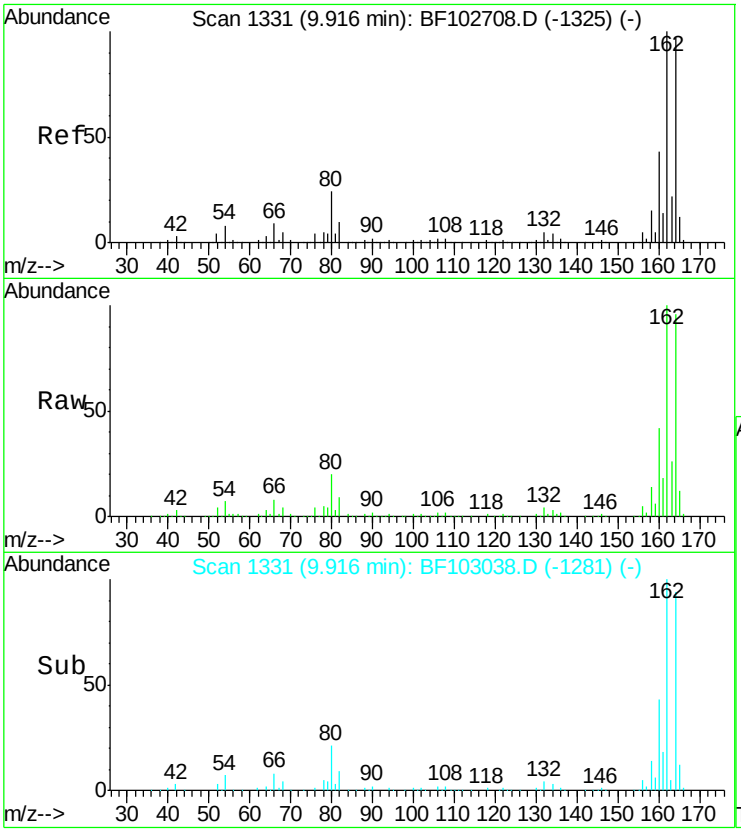


#25
Isophorone
Concen: 32.78 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion: 82 Resp: 737561

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



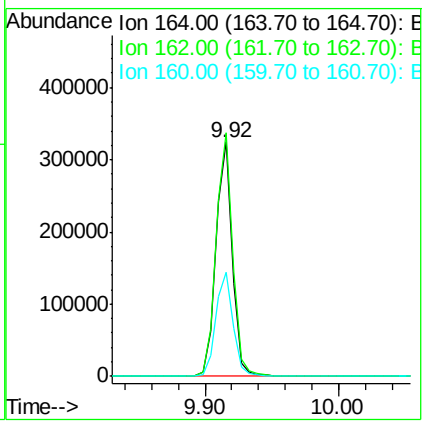


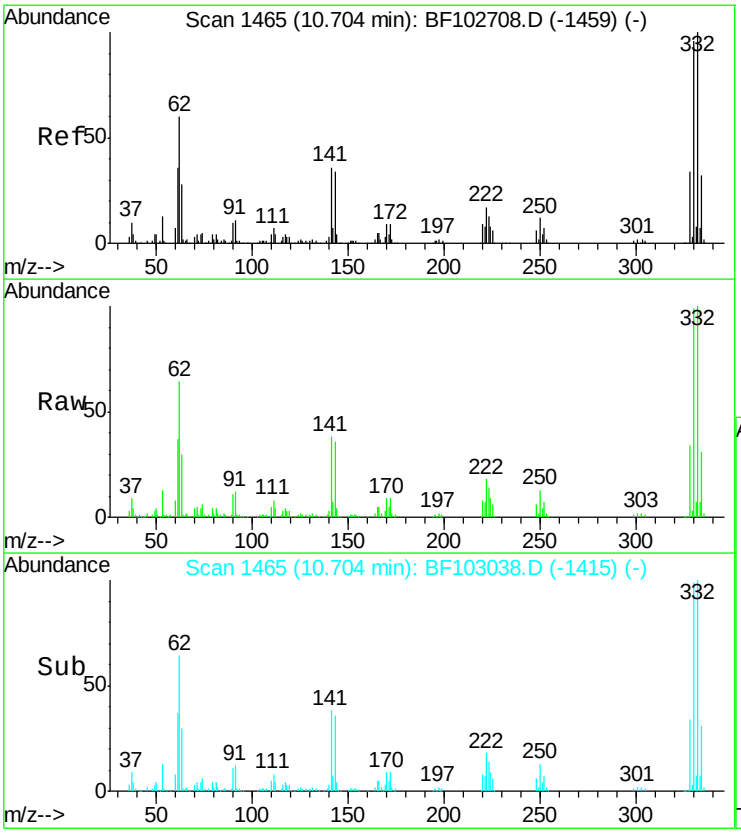
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 281594

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.2	38.3	57.5

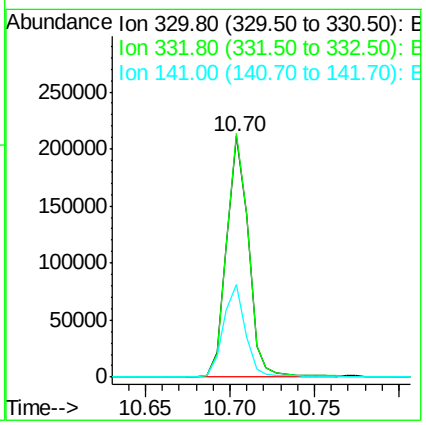


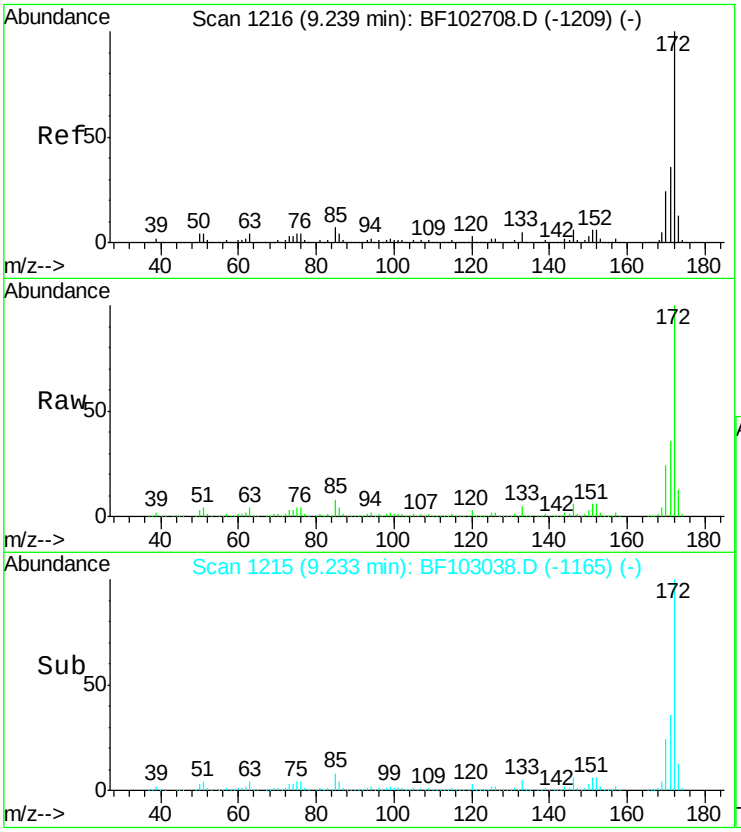


#41
2,4,6-Tribromophenol
Concen: 84.07 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:330 Resp: 190551

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	38.7	29.9	44.9



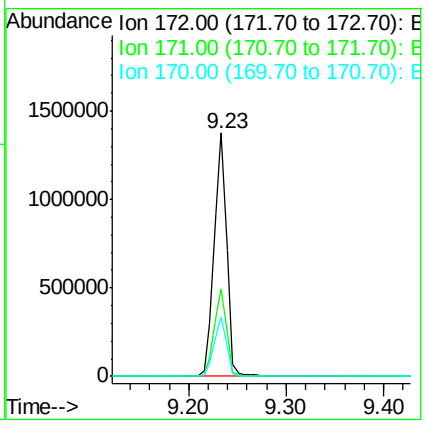


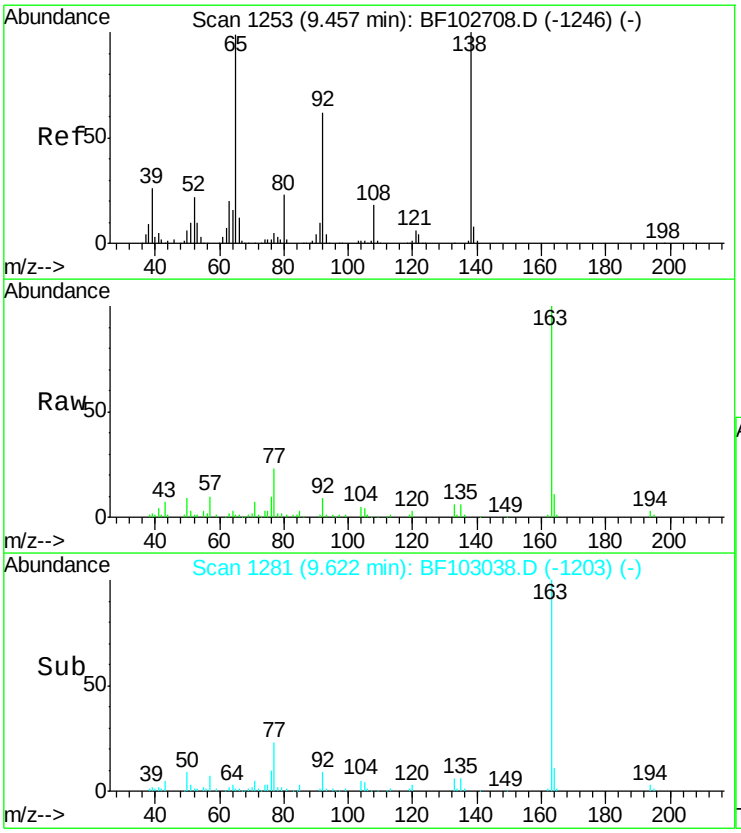
#44
2-Fluorobiphenyl
Concen: 72.62 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1232329

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

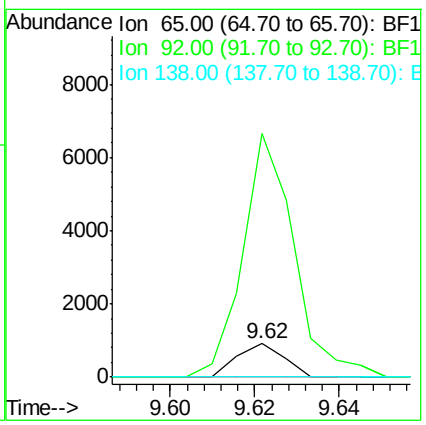


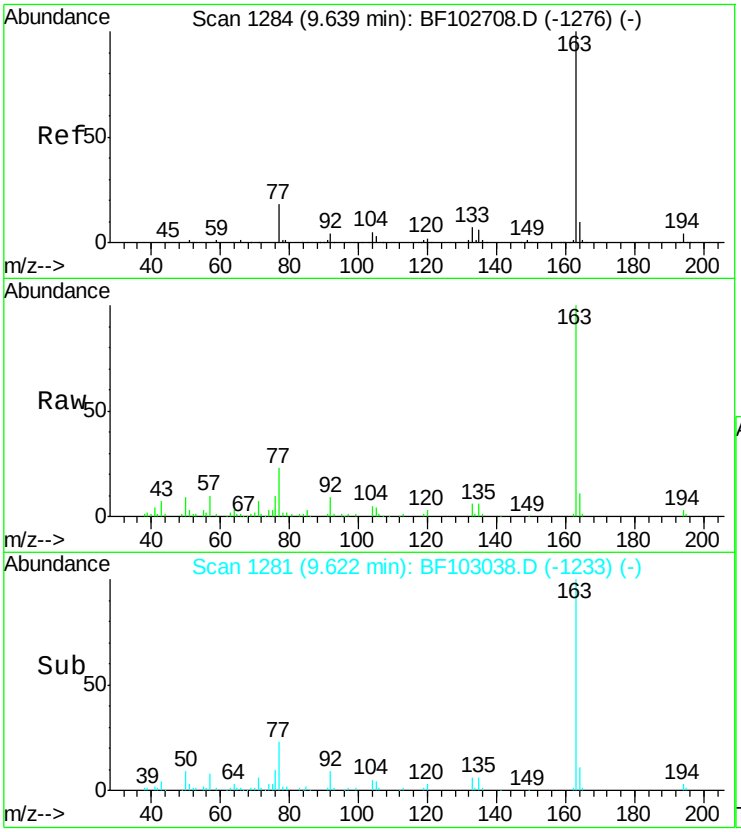


#47
2-Nitroaniline
Concen: 3.58 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion: 65 Resp: 699

Ion	Ratio	Lower	Upper
65	100		
92	734.2	55.8	83.6#
138	0.0	91.2	136.8#



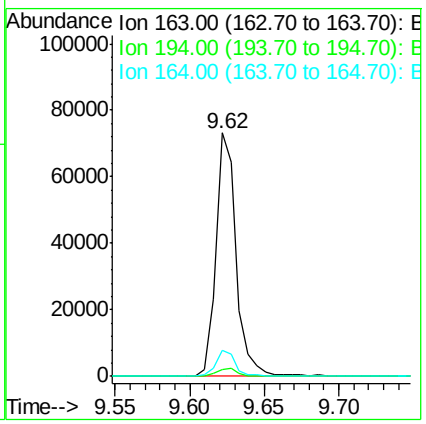


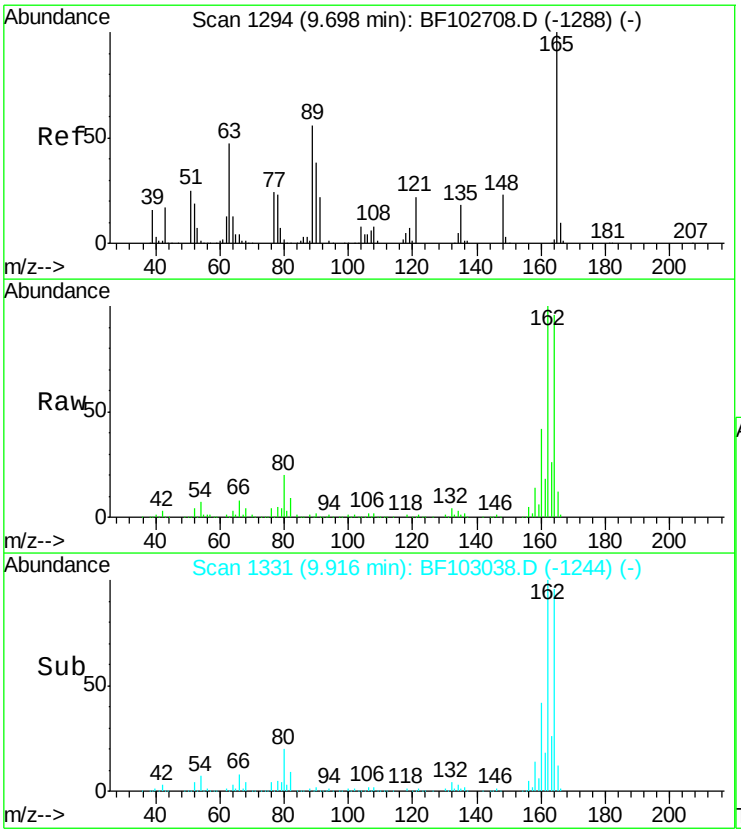
#49
Dimethylphthalate
Concen: 3.17 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 69539

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	10.9	8.2	12.2

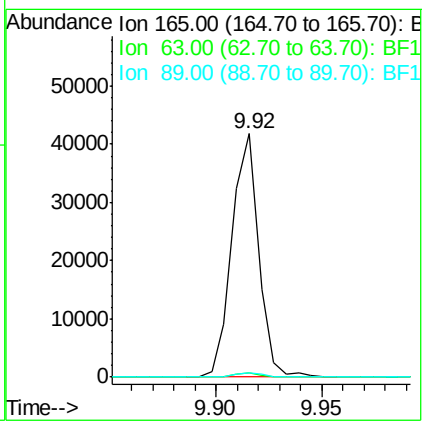


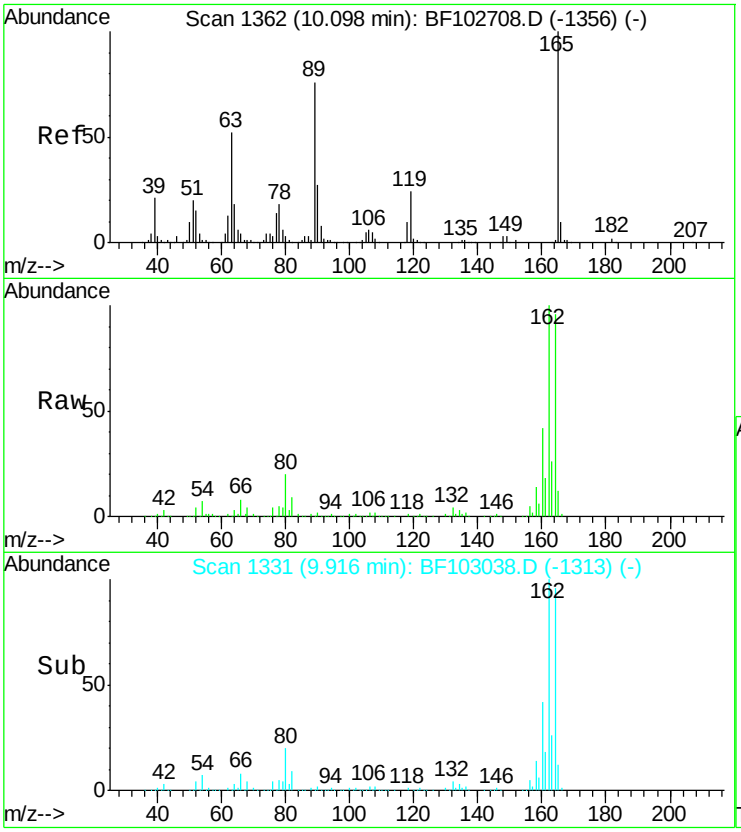


#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:165 Resp: 36424

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	44.0	66.0#



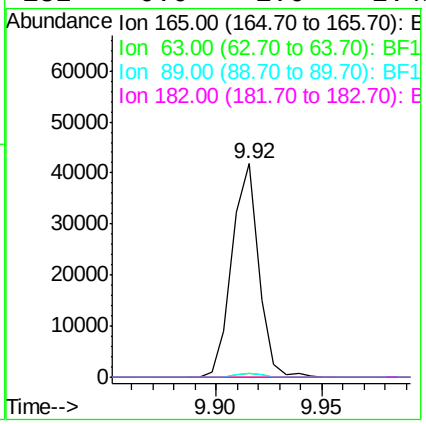


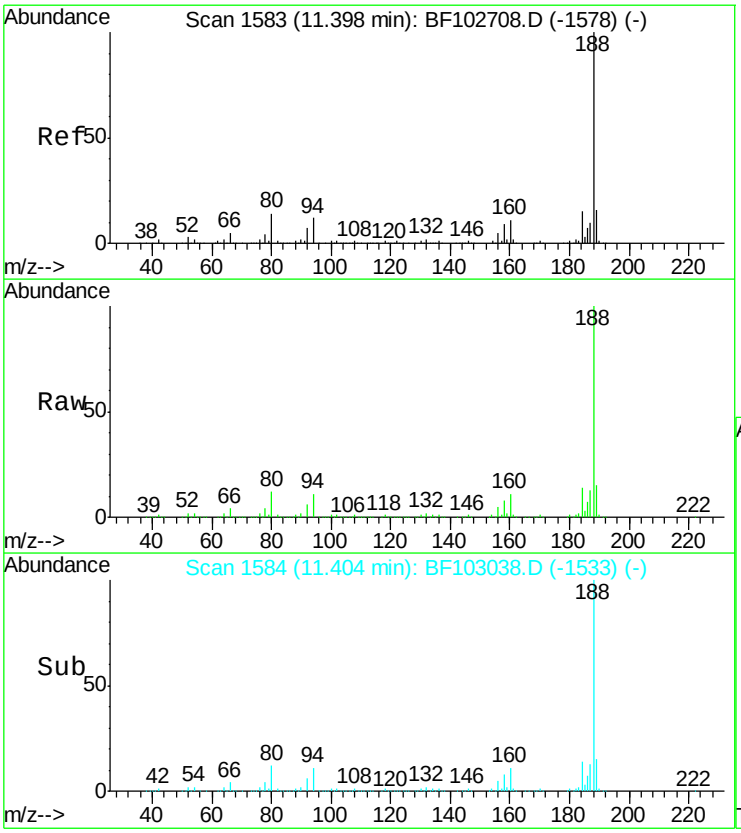
#56
2,4-Dinitrotoluene
Concen: 9.16 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36424

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

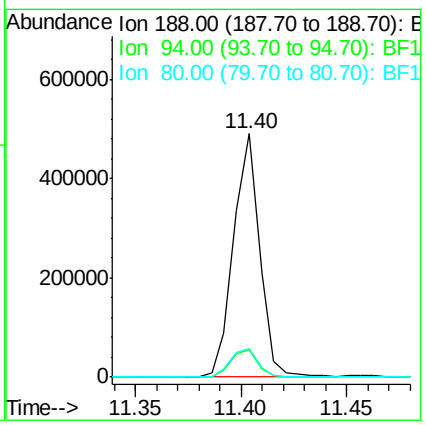


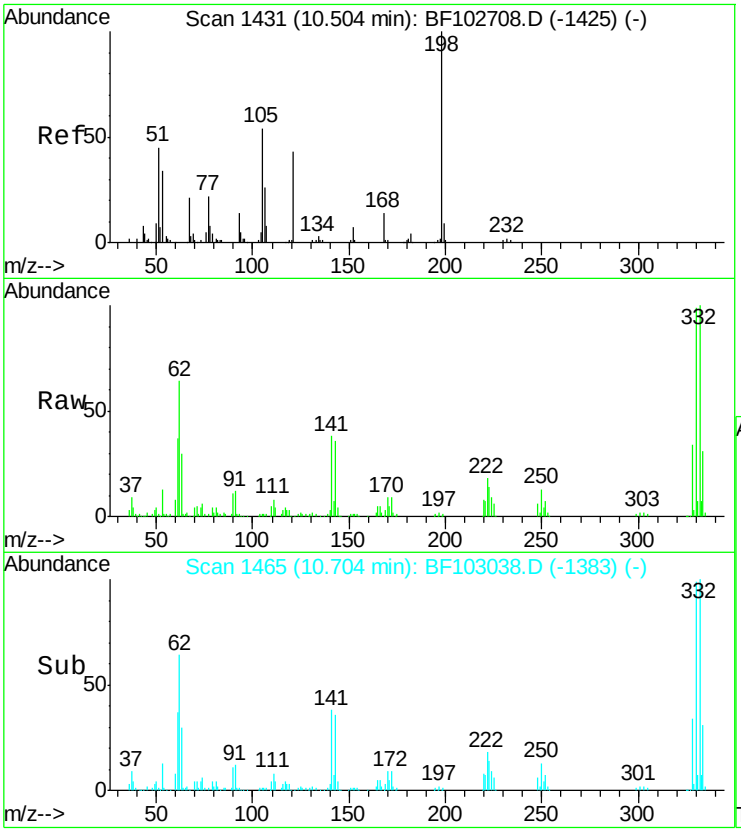


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:188 Resp: 420444

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.9	9.2	13.8



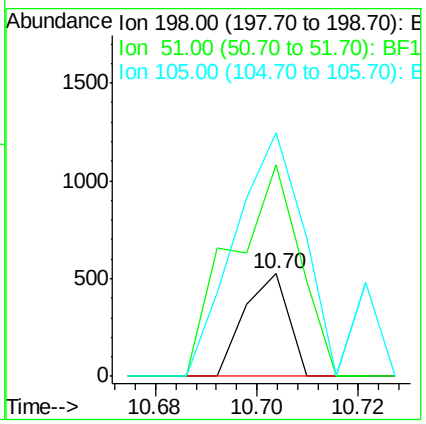


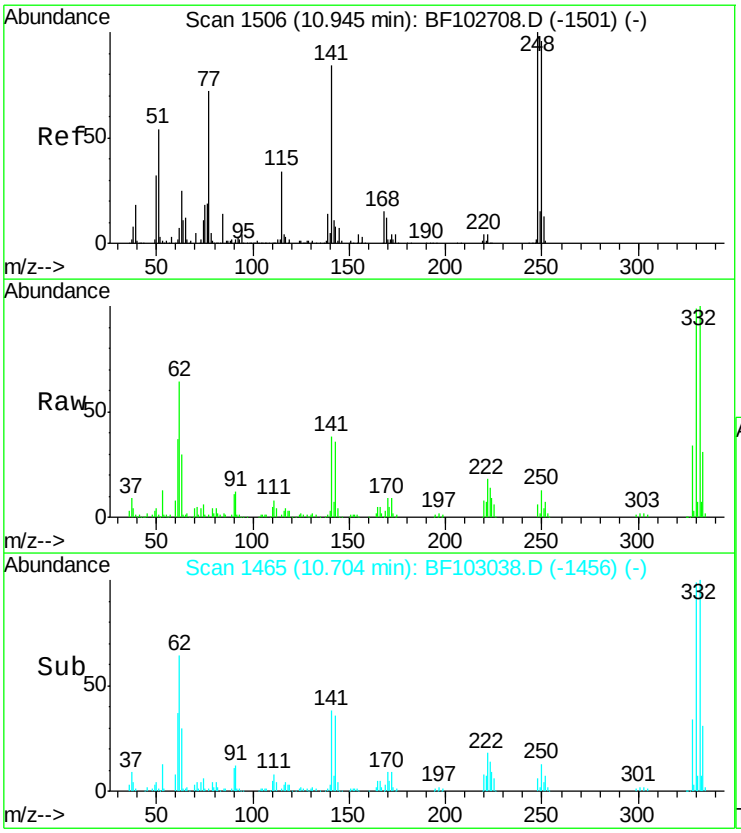
#64
4,6-Dinitro-2-methylphenol
Concen: 8.96 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 314

Ion	Ratio	Lower	Upper
198	100		
51	38.5	37.7	77.7
105	44.4	36.3	76.3

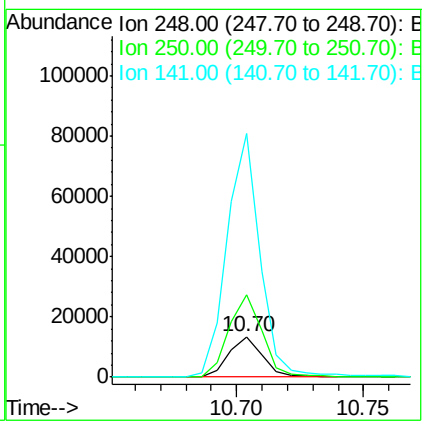


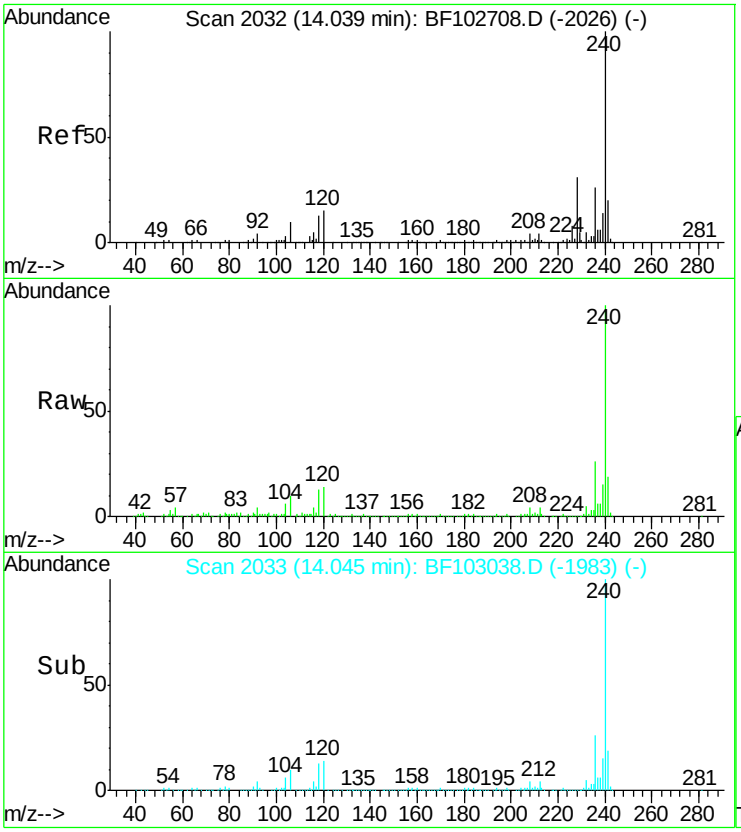


#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:248 Resp: 12283

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	599.2	74.4	111.6#



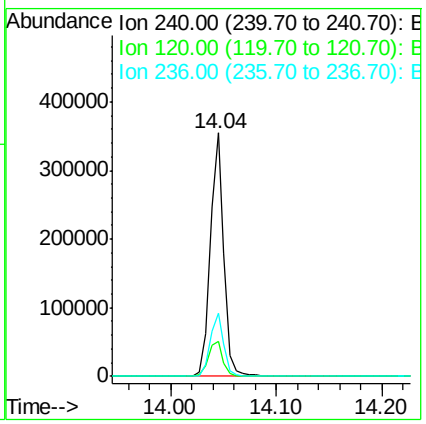


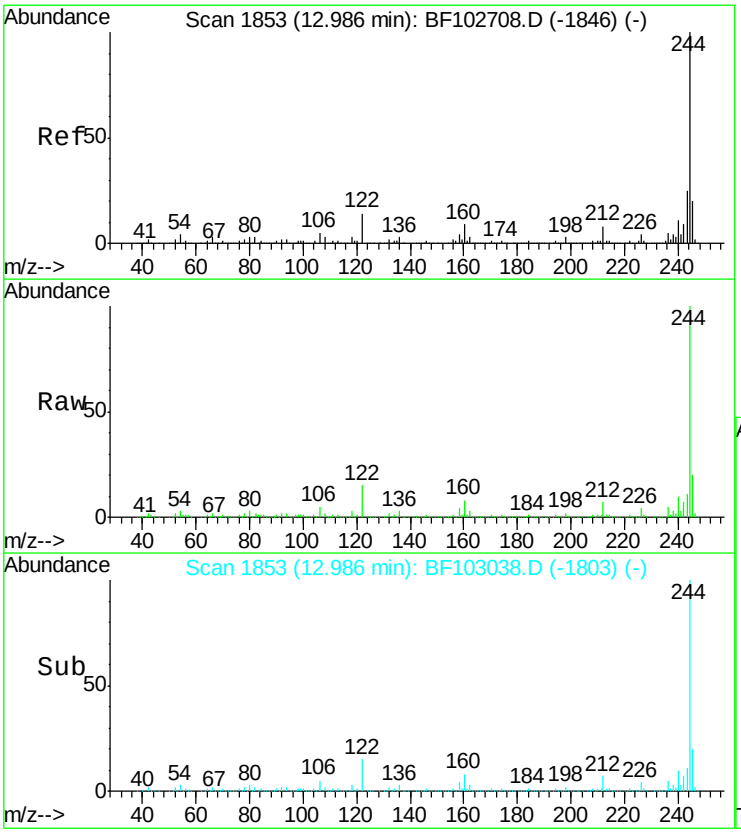
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 319160

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.1	20.7	31.1

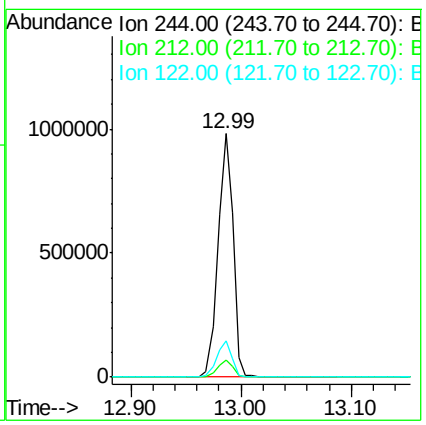


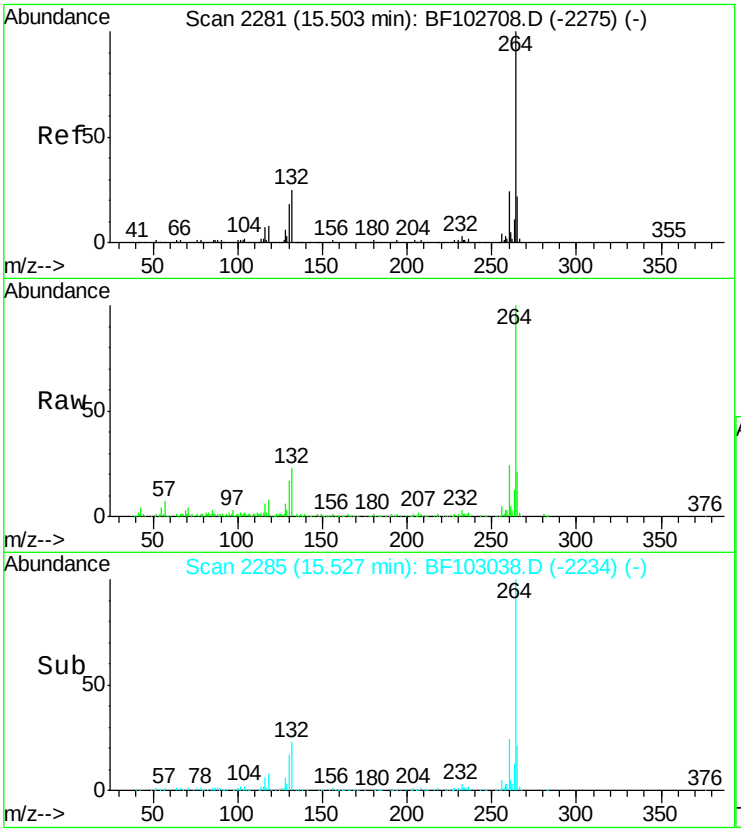


#78
Terphenyl-d14
Concen: 68.98 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Tgt Ion:244 Resp: 929766

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.9	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF103038.D
Acq: 16 Feb 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 278981

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.5	26.3