Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103071.D
Acq On : 19 Feb 2018 10:20
Operator : SJ/JU
Sample : PB106610BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 10:48:39 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	177511	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	741779	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	339663	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	601883	20.00	ng		0.00
75) Chrysene-d12	14.05	240	456824	20.00	ng		0.00
86) Perylene-d12	15.54	264	374140	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1278447	109.38	ng		0.02
7) Phenol-d6	6.52	99	1501434	106.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	996166	93.16	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	301343	110.22	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1599475	78.14	ng		0.00
78) Terphenyl-d14	12.99	244	1501379	77.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	26695	2.554	ng		81
19) n-Nitroso-di-n-propylamine	7.45	70	129986	14.008	ng	#	80
25) Isophorone	7.45	82	996160	40.458	ng	#	64
32) Benzoic acid	7.93	122	238	8.574	ng	#	58
47) 2-Nitroaniline	9.24	65	2893	3.858	ng	#	17
50) 2,6-Dinitrotoluene	9.92	165	43491	8.631	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	43491	9.099	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	548	8.995	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	19667	3.089	ng	#	1

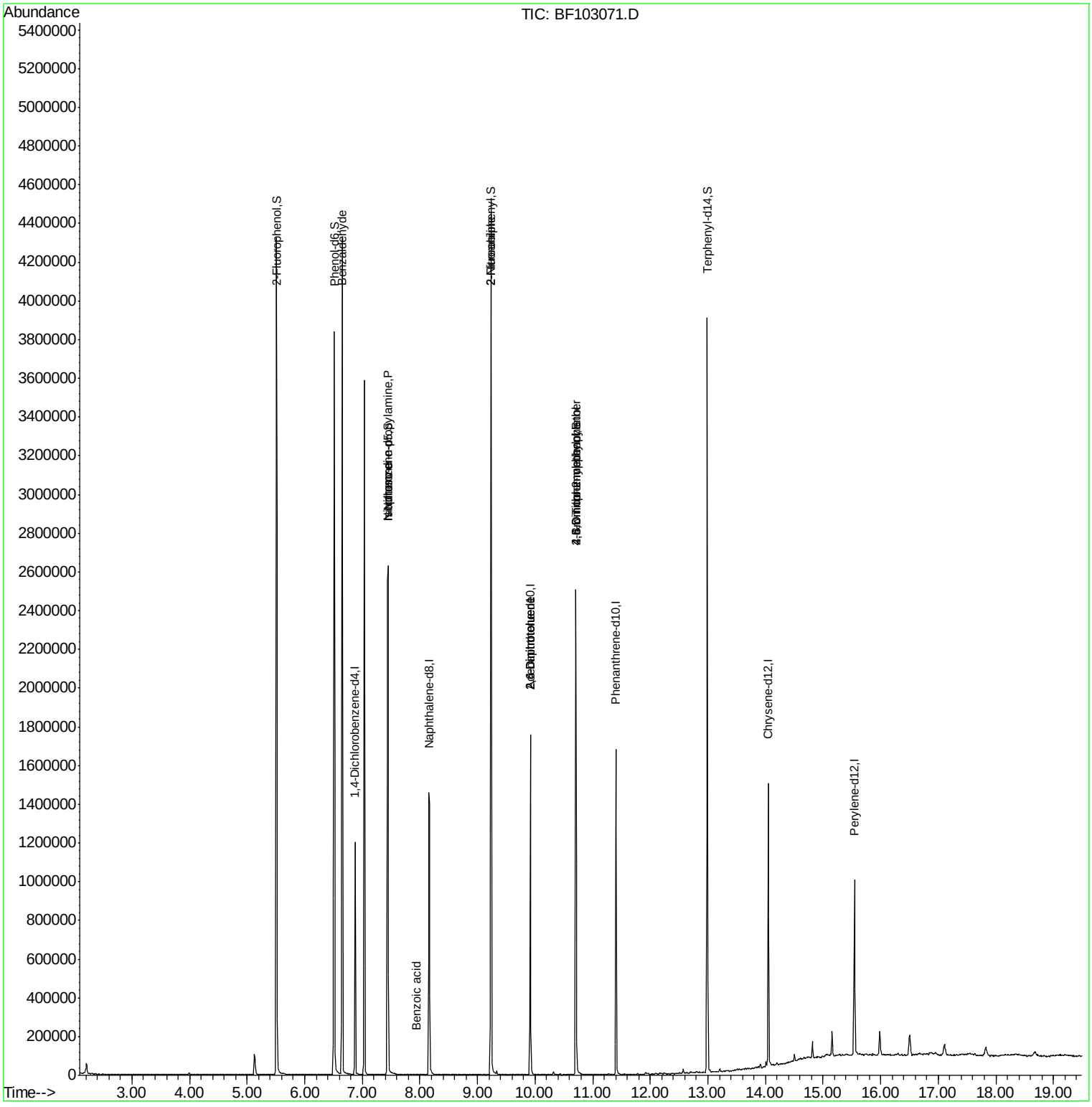
(#) = qualifier out of range (m) = manual integration (+) = signals summed

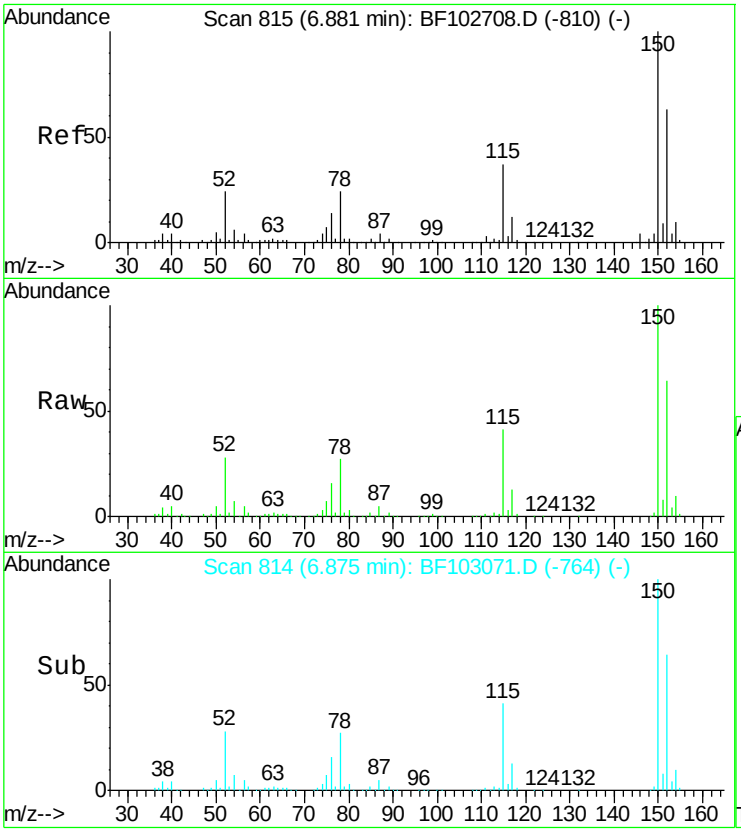
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103071.D
Acq On : 19 Feb 2018 10:20
Operator : SJ/JU
Sample : PB106610BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 19 10:48:39 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



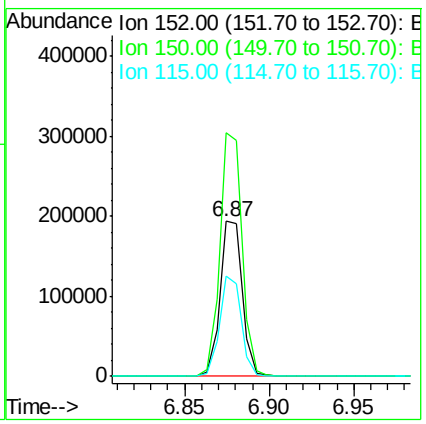


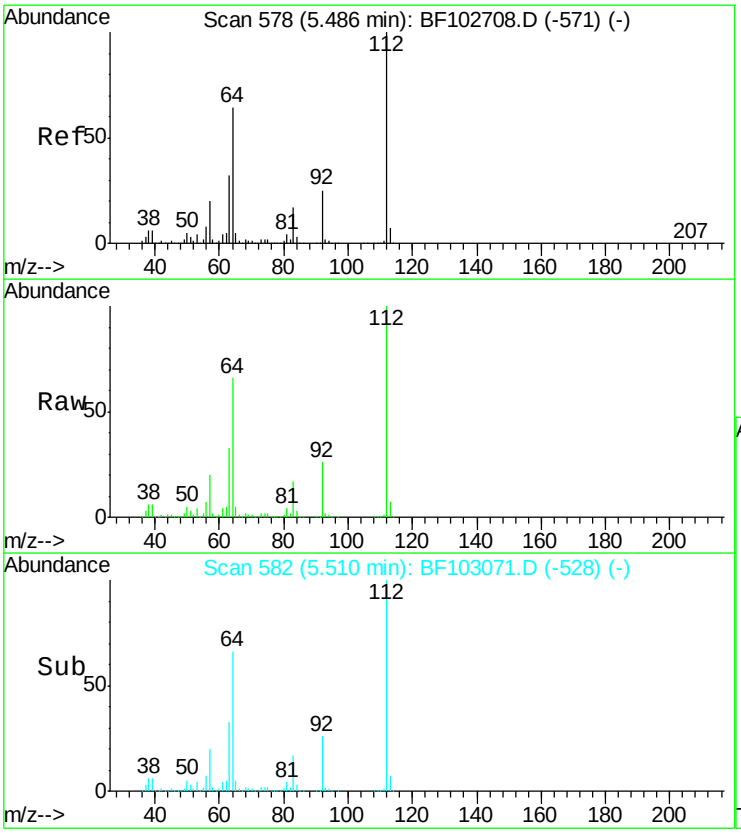
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177511

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	64.8	50.1	75.1

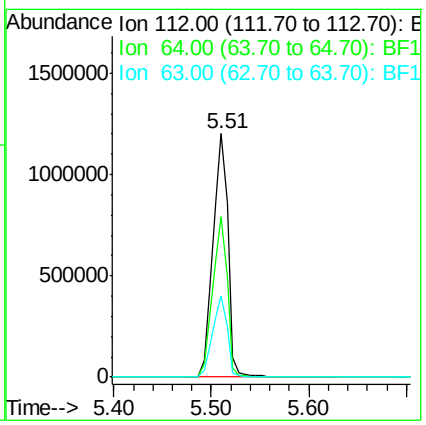


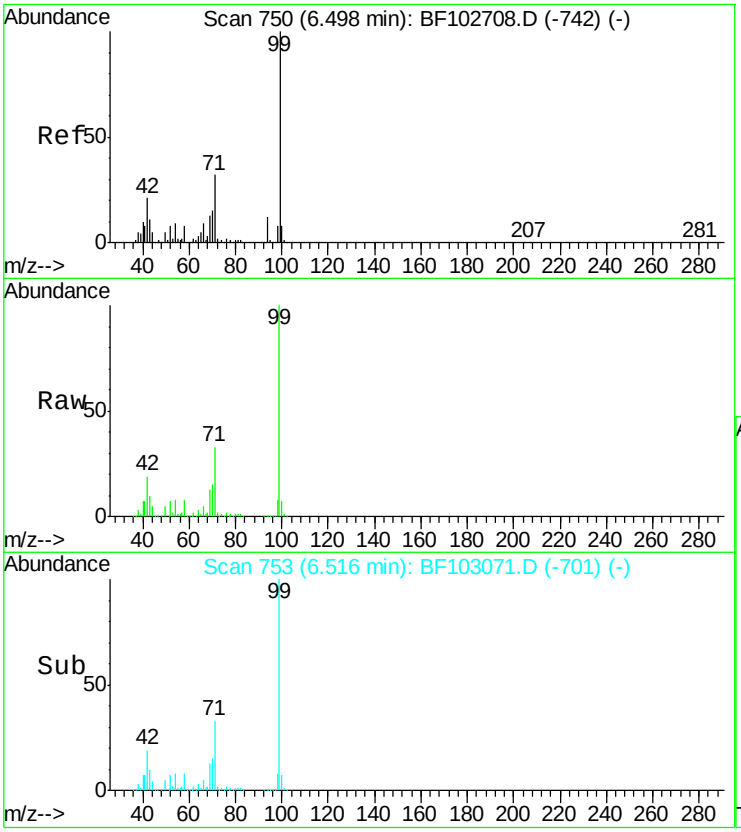


#5
2-Fluorophenol
Concen: 109.375 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:112 Resp: 1278447

Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.3	23.7	35.5



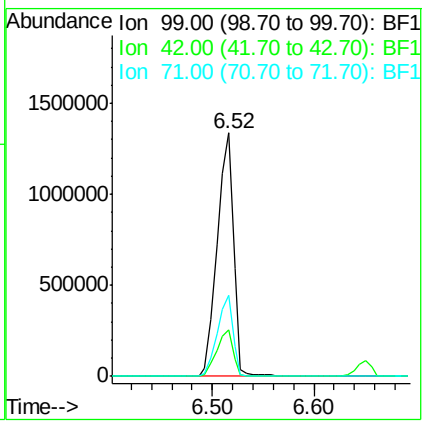


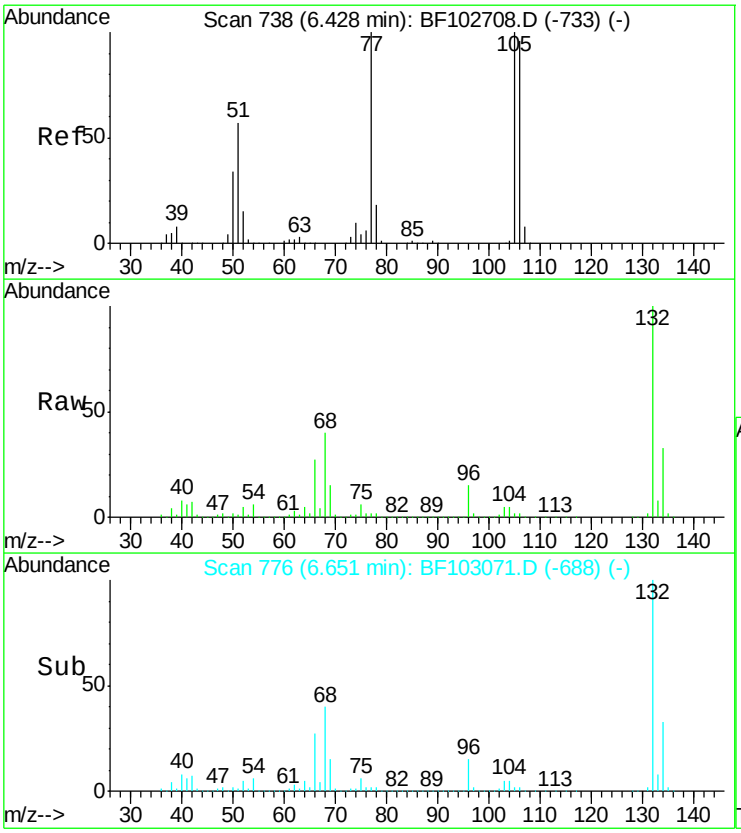
#7
Phenol-d6
Concen: 106.682 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1501434

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.3	25.4	38.0

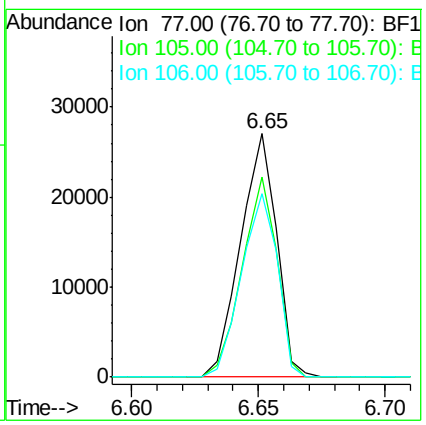


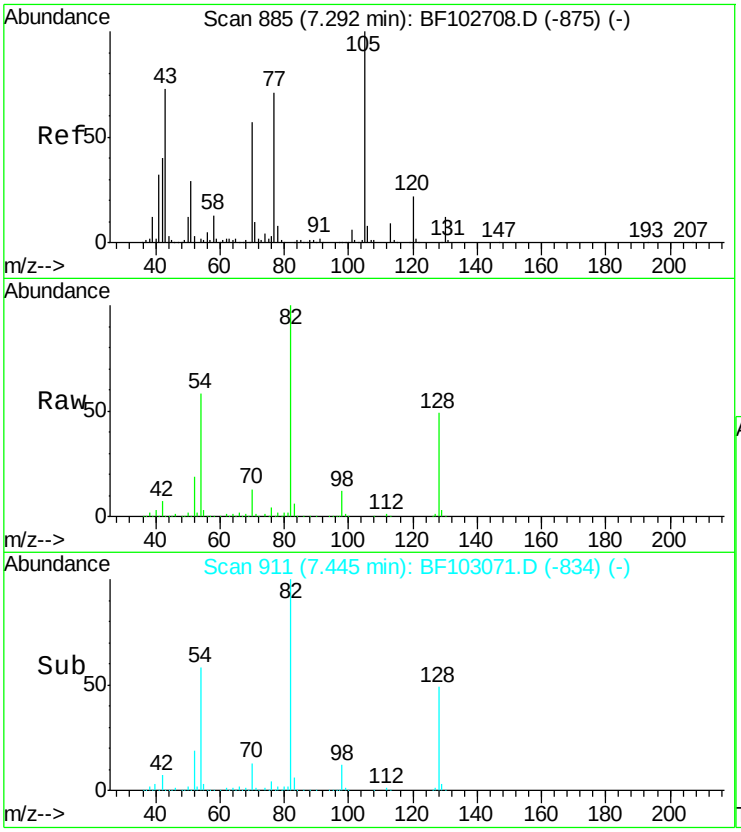


#9
Benzaldehyde
Concen: 2.554 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion: 77 Resp: 26695

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	75.4	74.5	114.5



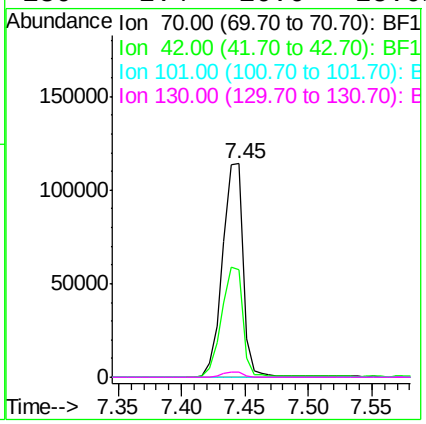


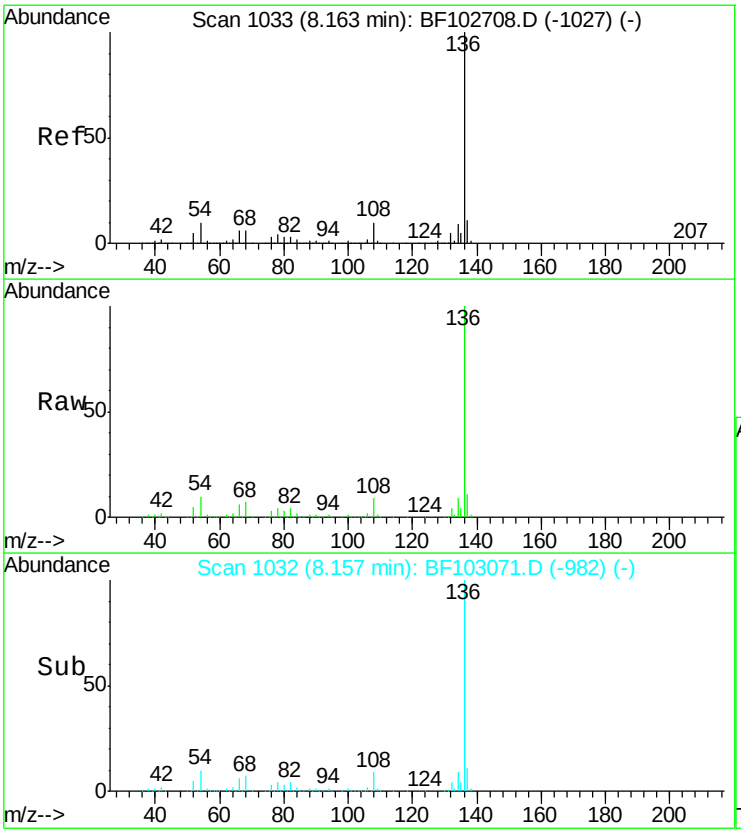
#19
n-Nitroso-di-n-propylamine
Concen: 14.008 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 129986

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

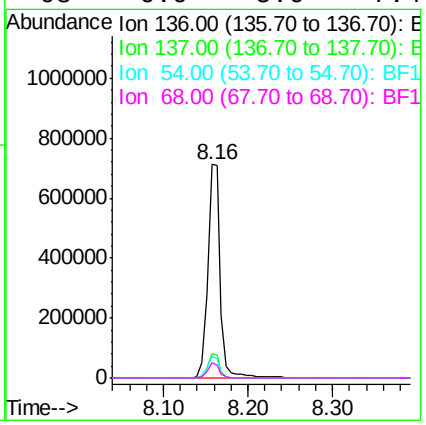


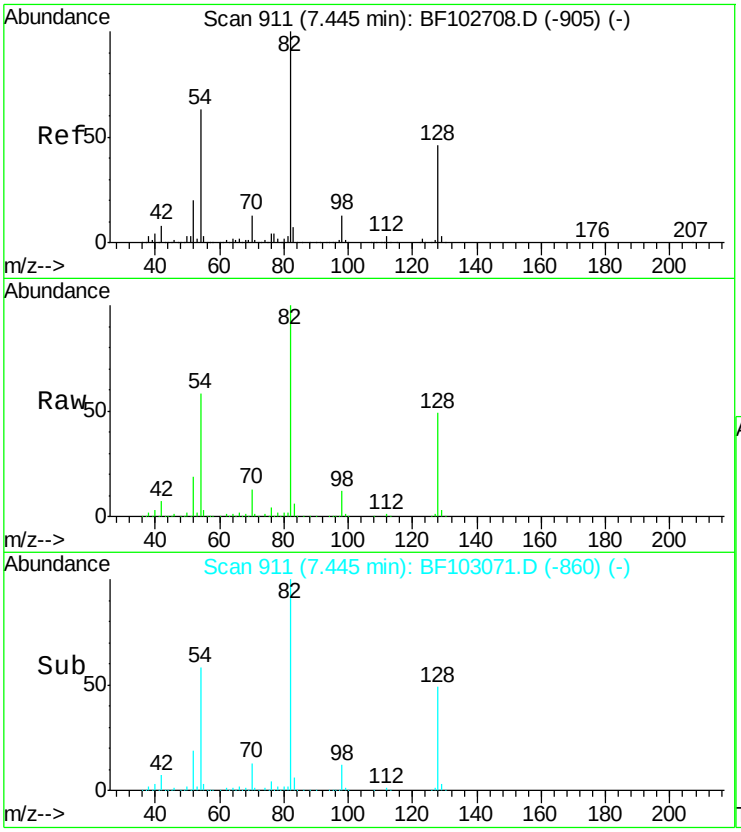


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:136 Resp: 741779

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.3	6.6	9.8#
68	6.9	5.0	7.4



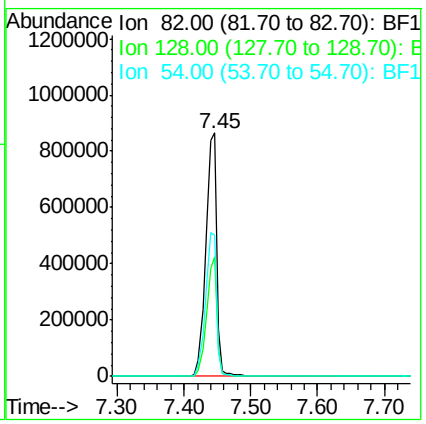


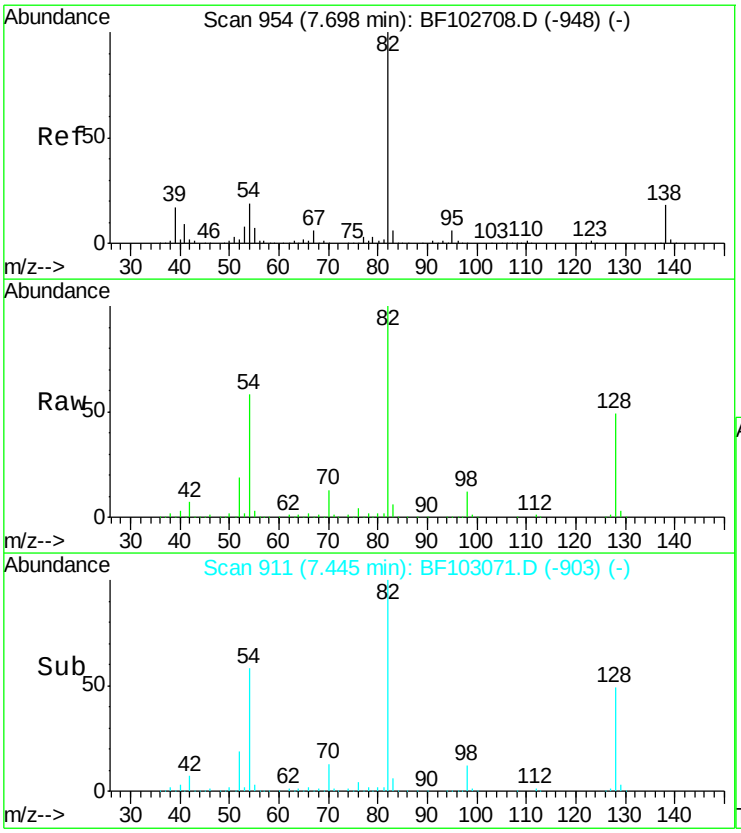
#23
Nitrobenzene-d5
Concen: 93.161 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 996166

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	57.8	41.4	62.2

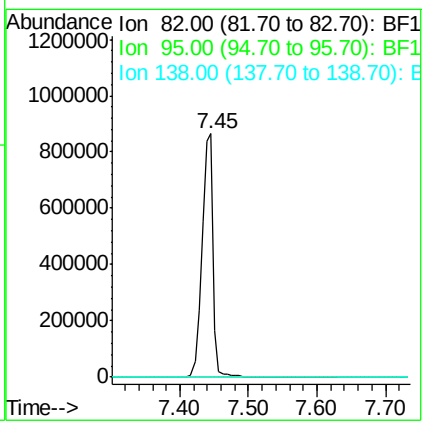


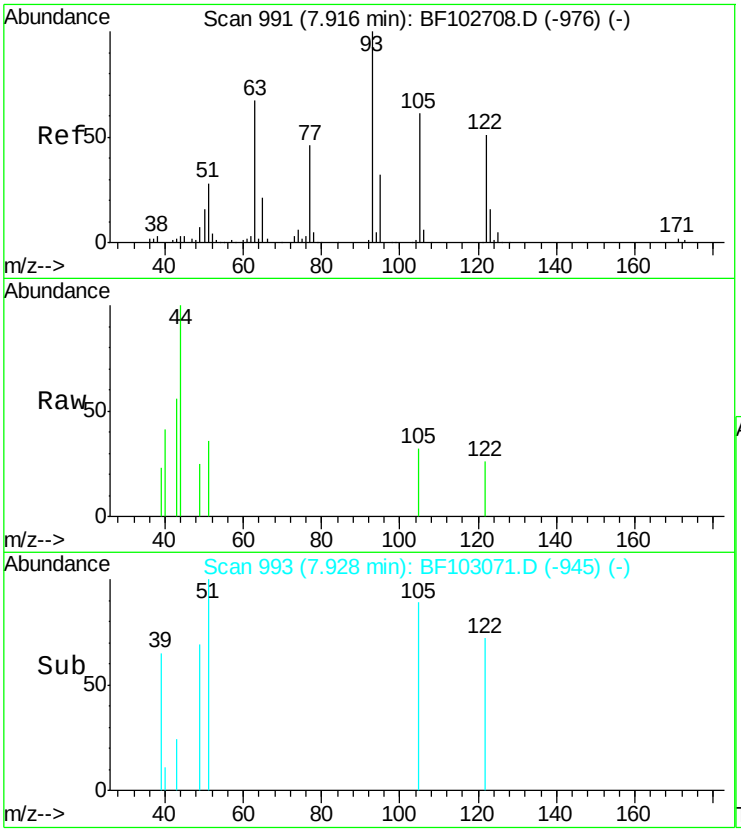


#25
Isophorone
Concen: 40.458 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion: 82 Resp: 996160

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



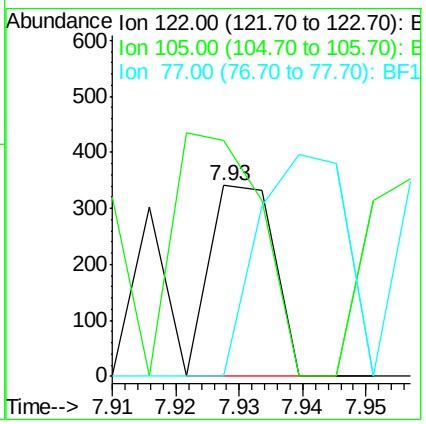


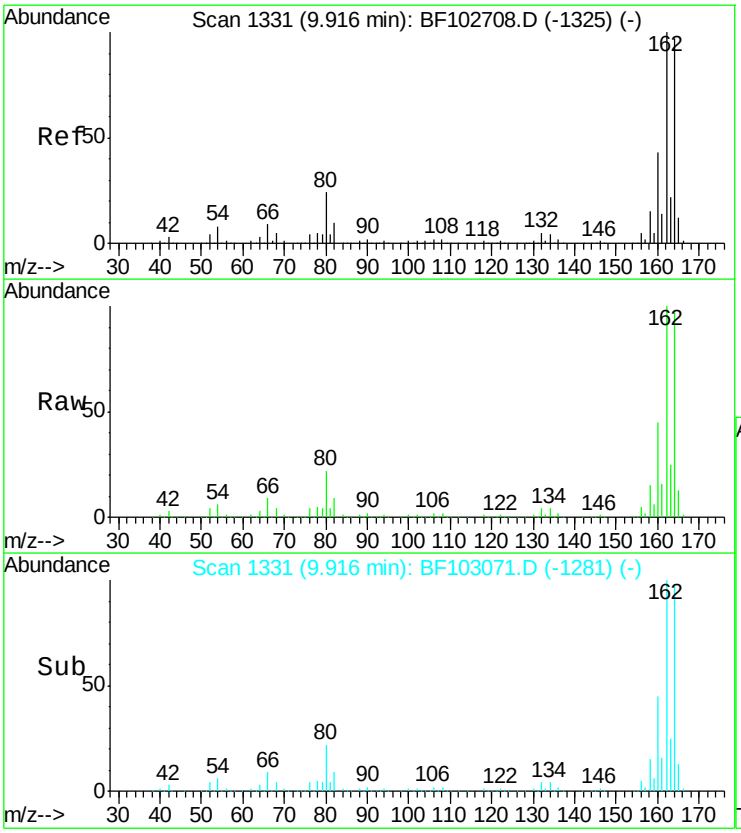
#32
Benzoic acid
Concen: 8.574 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 238

Ion	Ratio	Lower	Upper
122	100		
105	123.8	101.1	141.1
77	0.0	70.7	110.7#

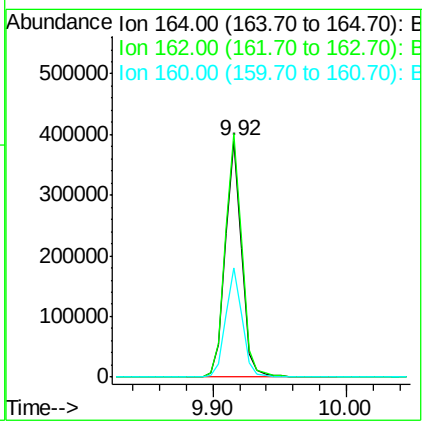


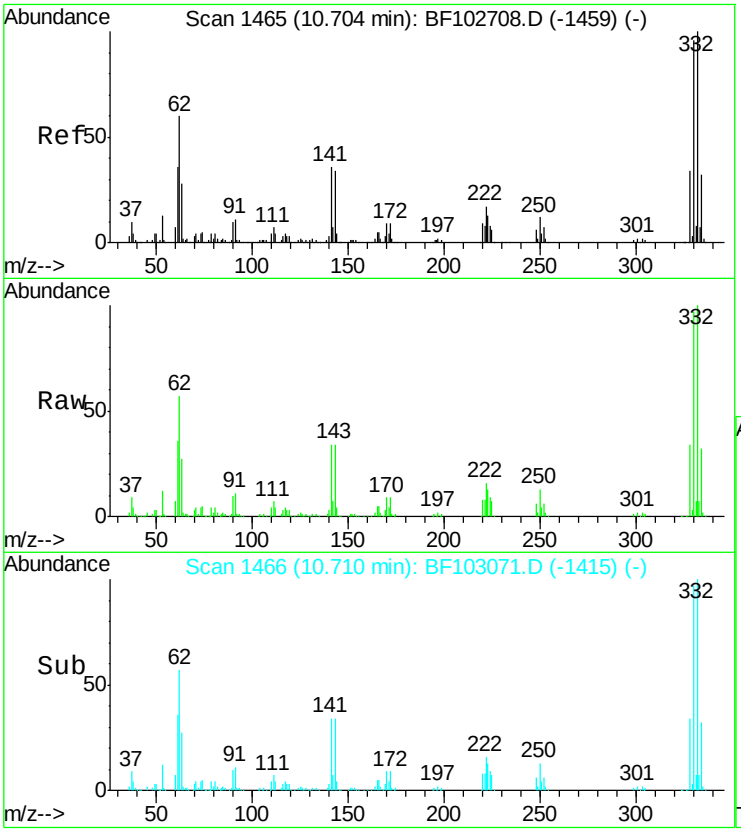


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:164 Resp: 339663

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.1	38.3	57.5



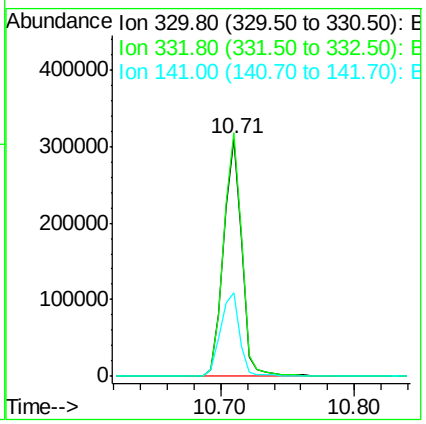


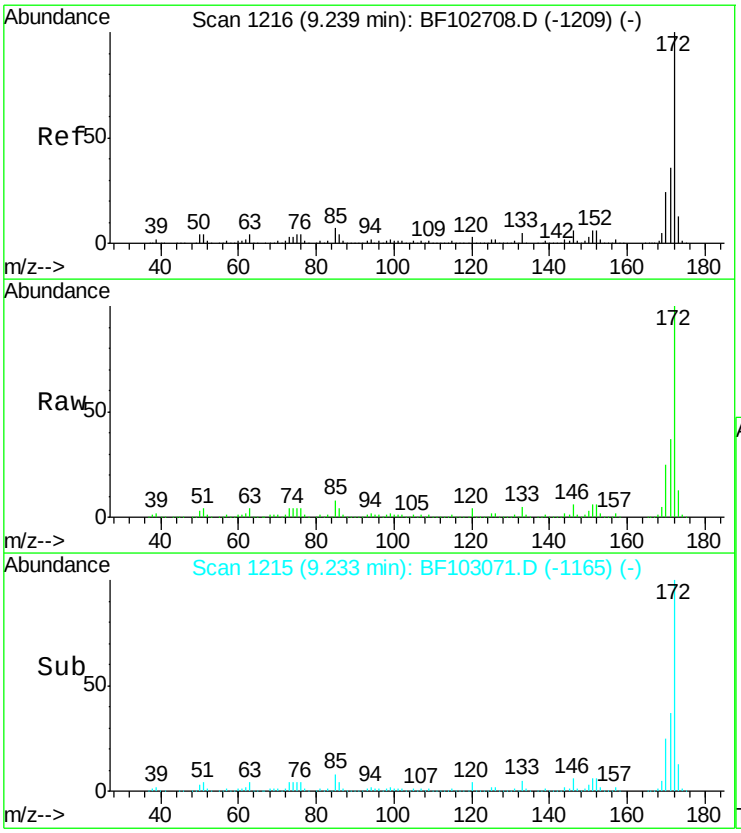
#41
2,4,6-Tribromophenol
Concen: 110.225 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 301343

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	37.5	29.9	44.9

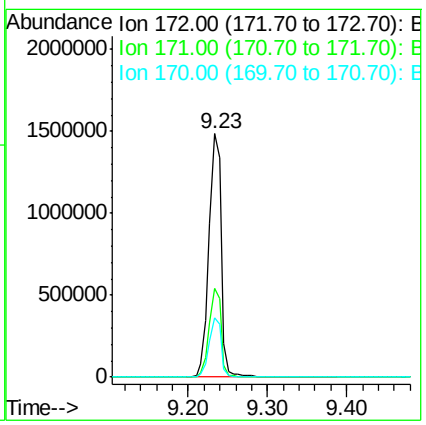


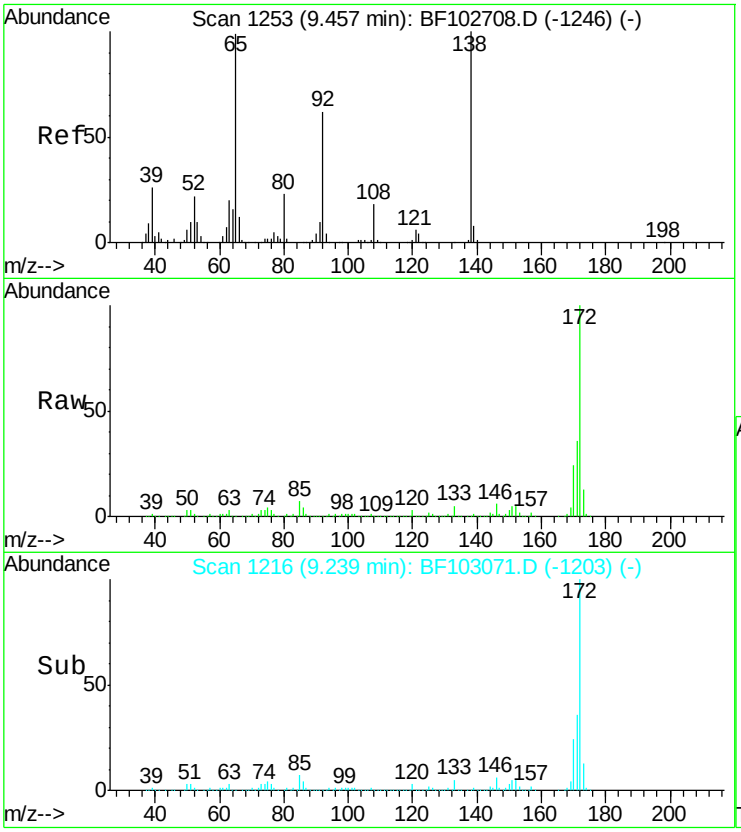


#44
2-Fluorobiphenyl
Concen: 78.139 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:172 Resp: 1599475

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4



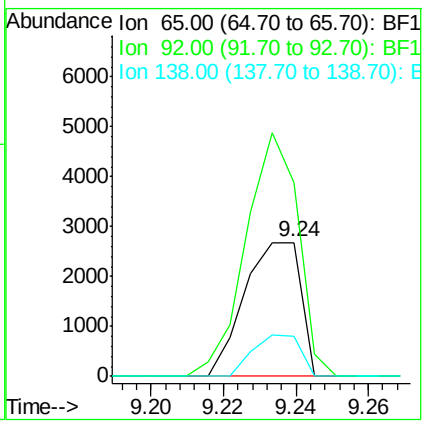


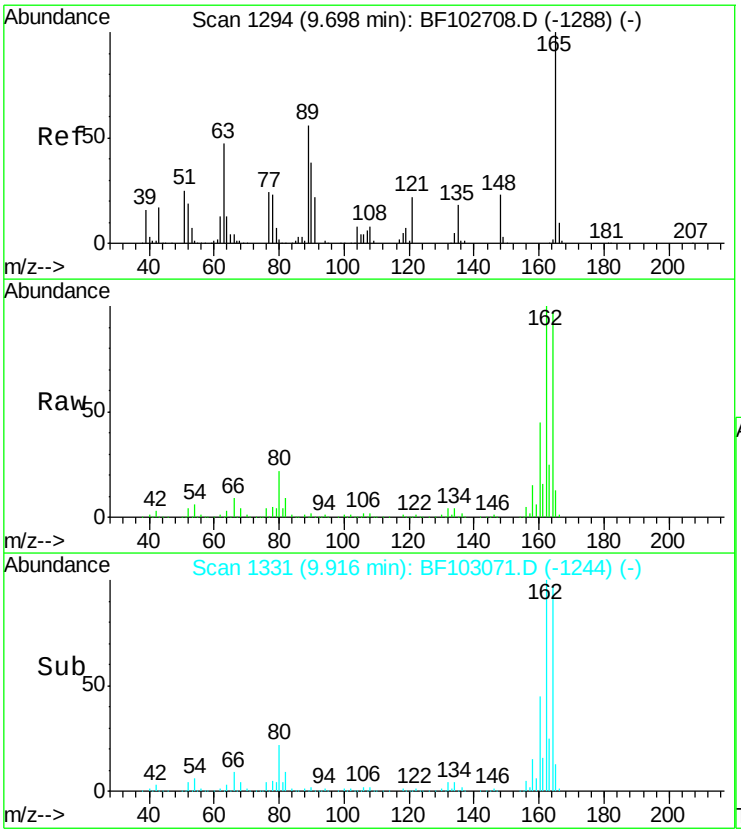
#47
2-Nitroaniline
Concen: 3.858 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2893

Ion	Ratio	Lower	Upper
65	100		
92	145.3	55.8	83.6#
138	30.5	91.2	136.8#

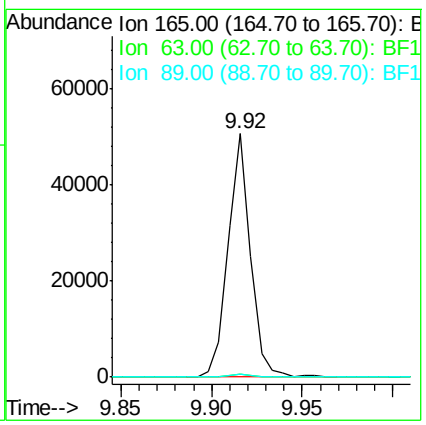


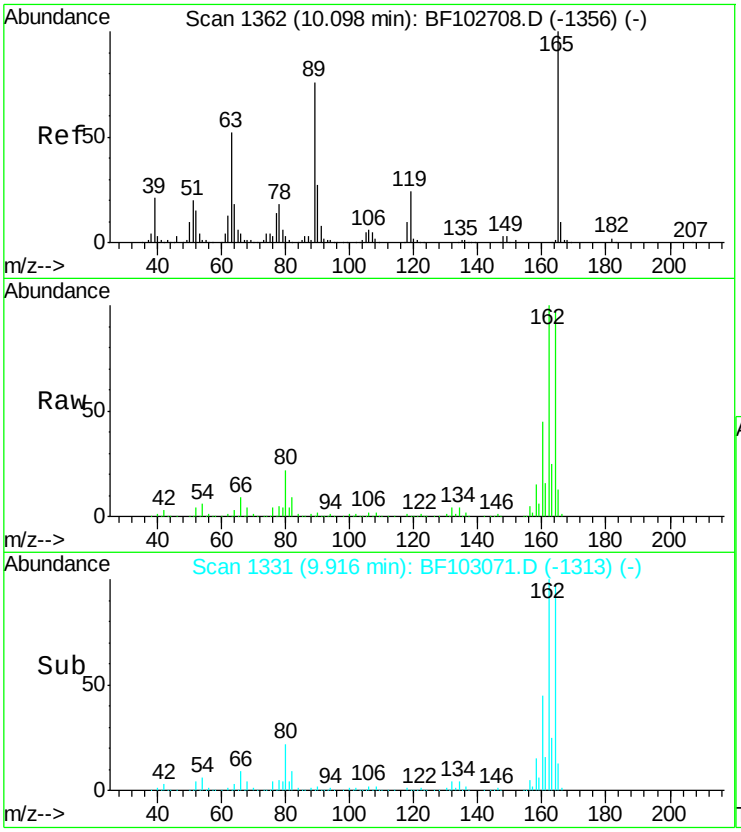


#50
2,6-Dinitrotoluene
Concen: 8.631 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:165 Resp: 43491

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#



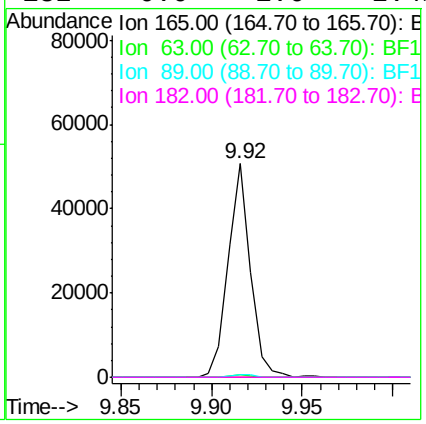


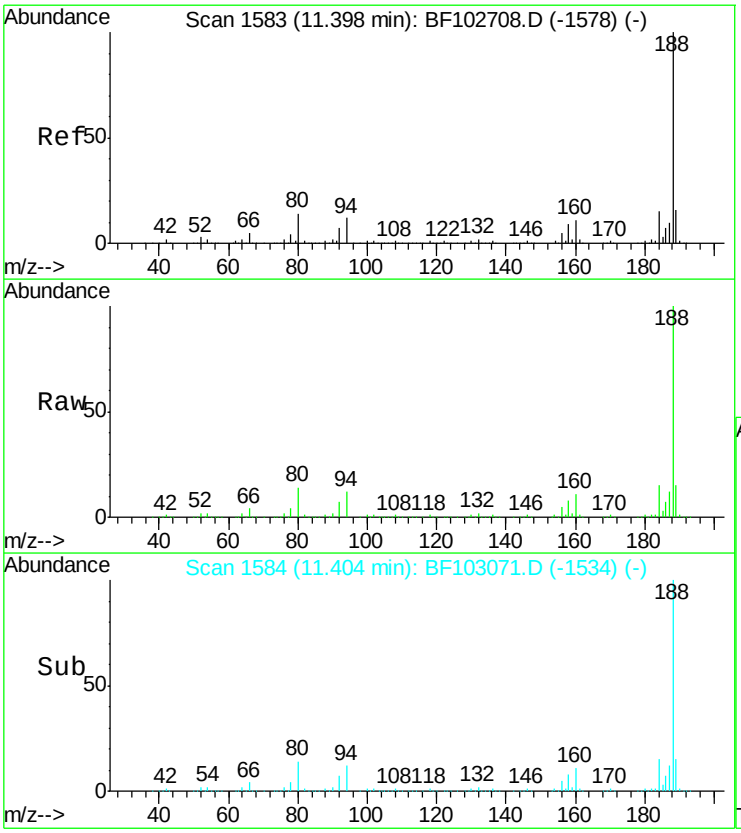
#56
2,4-Dinitrotoluene
Concen: 9.099 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43491

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

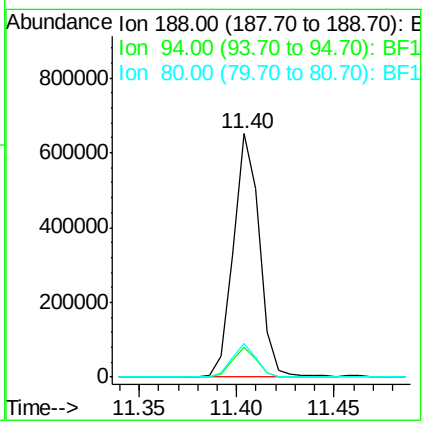


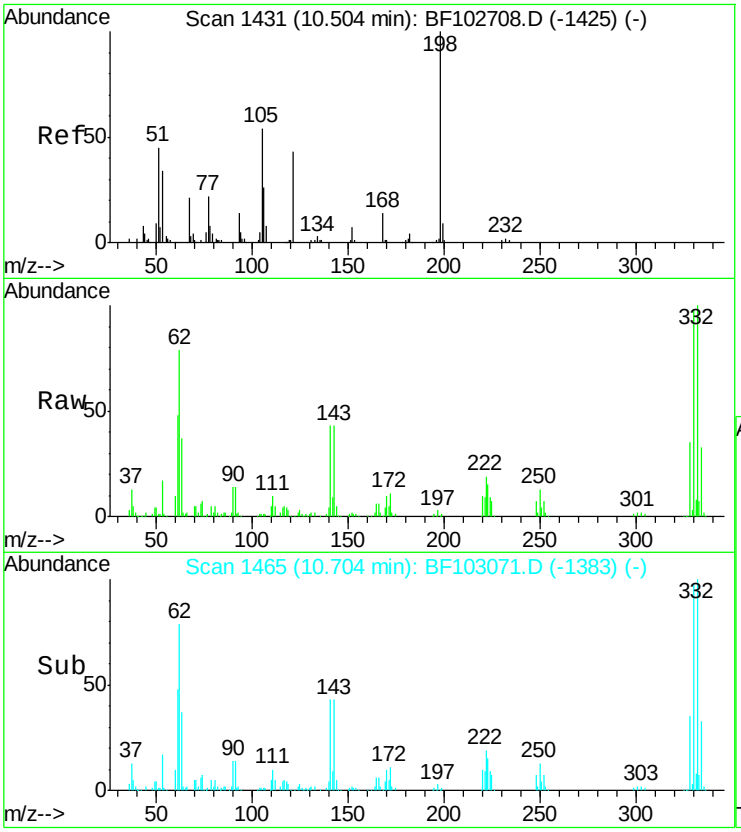


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:188 Resp: 601883

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.6	9.2	13.8



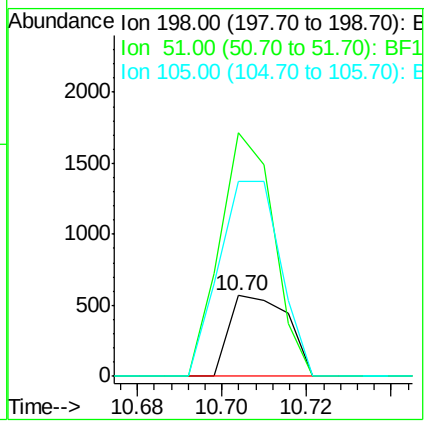


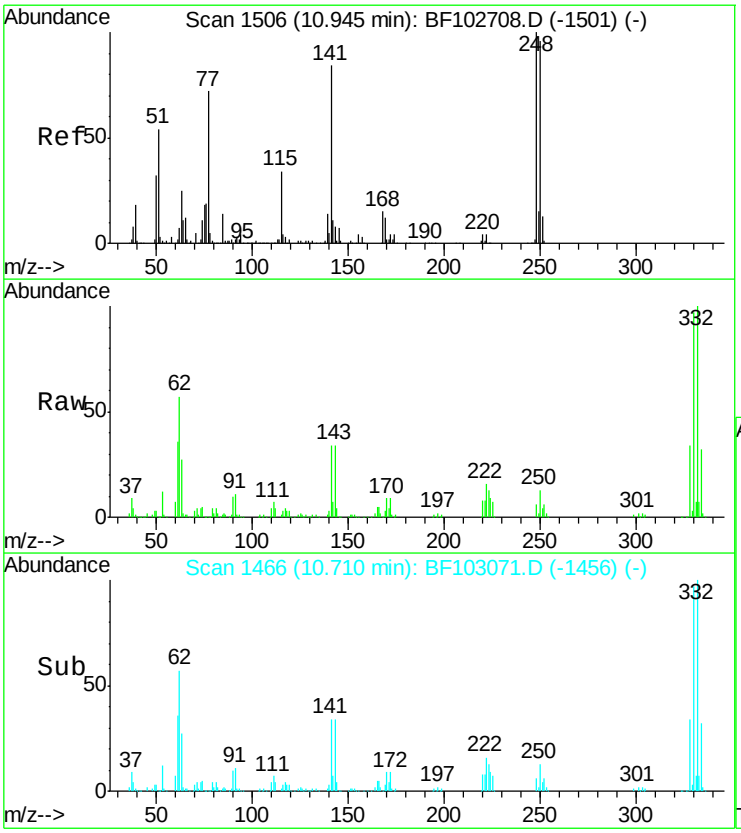
#64
4,6-Dinitro-2-methylphenol
Concen: 8.995 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
51	302.3	37.7	77.7#
105	242.5	36.3	76.3#

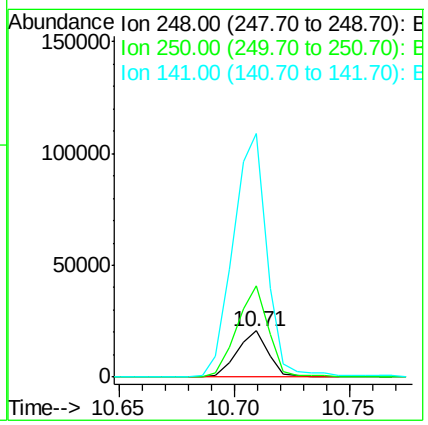


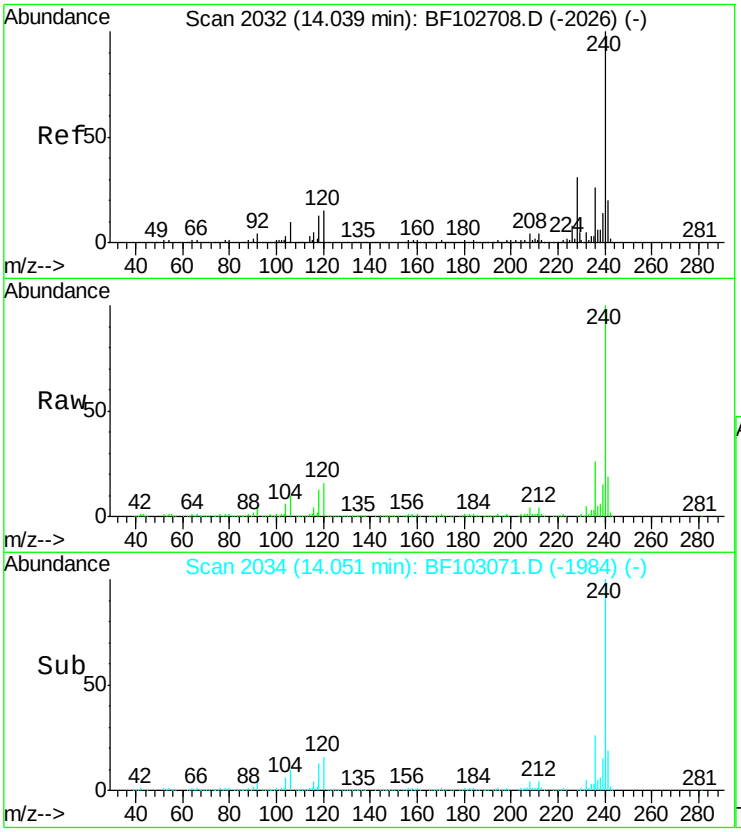


#66
4-Bromophenyl-phenylether
Concen: 3.089 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:248 Resp: 19667

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	529.0	74.4	111.6#



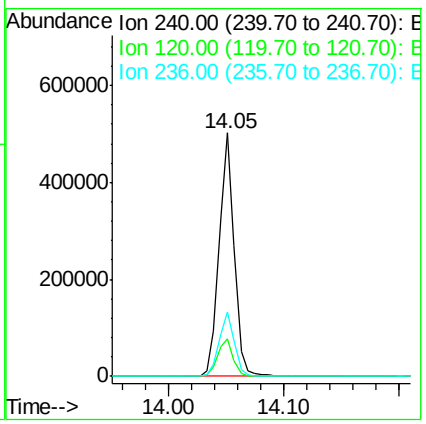


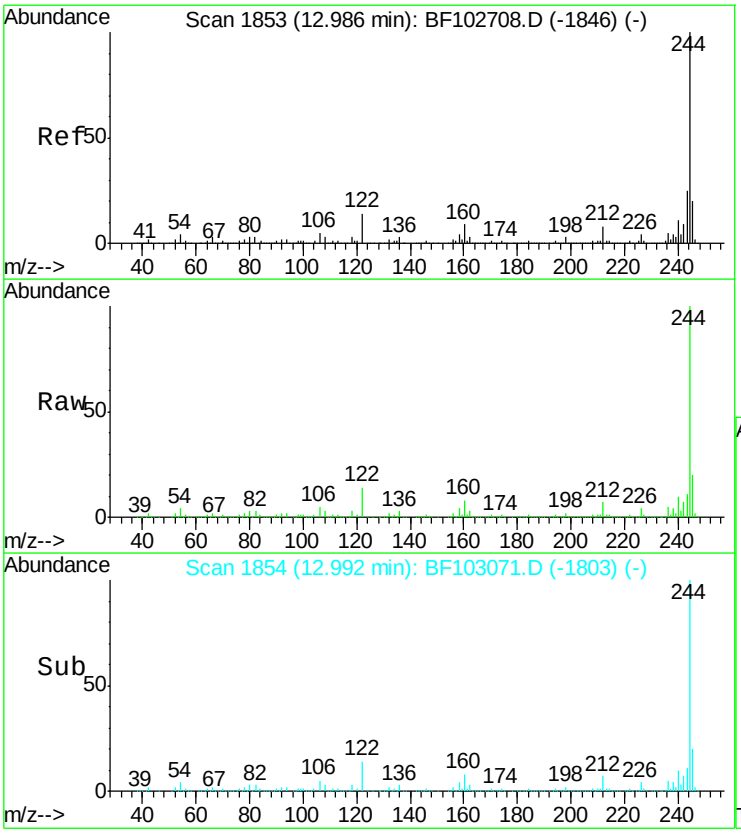
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 456824

Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	26.3	20.7	31.1

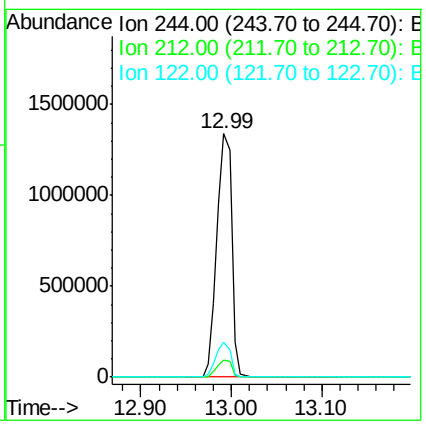


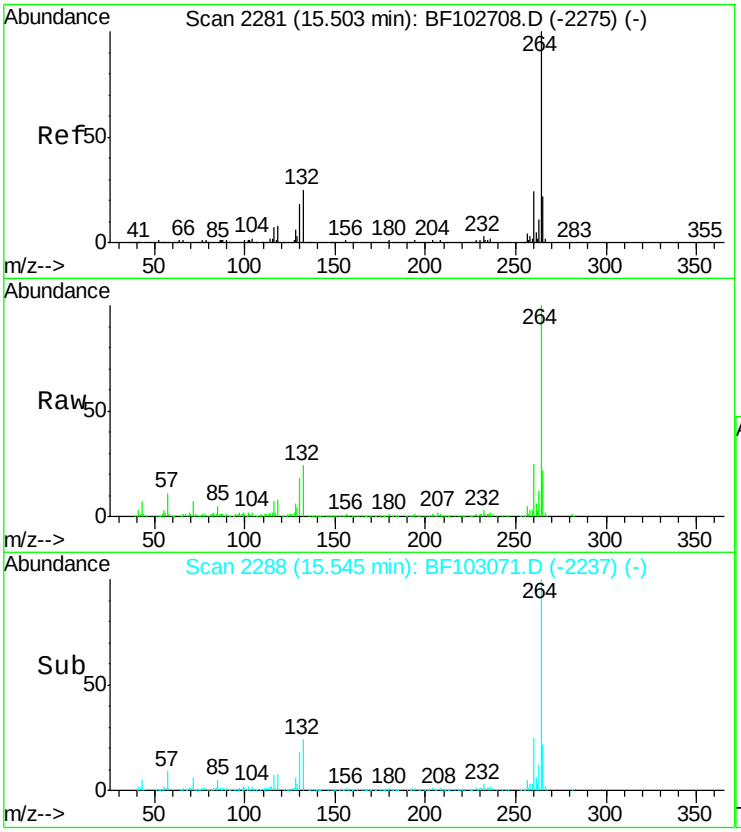


#78
Terphenyl-d14
Concen: 77.818 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Tgt Ion:244 Resp: 1501379

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103071.D
Acq: 19 Feb 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 374140

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3