Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102103.D
Acq On : 16 Jan 2018 12:27
Operator : SJ/JU
Sample : J1114-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 23:30:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	212564	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	853229	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	352827	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	525871	20.00	ng		0.00
75) Chrysene-d12	13.87	240	356898	20.00	ng		-0.01
86) Perylene-d12	15.29	264	313301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1315936	87.42	ng		0.00
7) Phenol-d6	6.36	99	1564061	87.09	ng		0.00
23) Nitrobenzene-d5	7.29	82	1002994	69.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	278218	90.36	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1486563	65.82	ng		-0.01
78) Terphenyl-d14	12.82	244	1008625	58.68	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	59219	2.918	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	134600	11.436	ng	#	79
25) Isophorone	7.29	82	999299	34.832	ng	#	64
49) Dimethylphthalate	9.47	163	144120	5.092	ng		100
56) 2,4-Dinitrotoluene	9.76	165	47691	6.730	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	516	5.822	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	18155	3.269	ng	#	1

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

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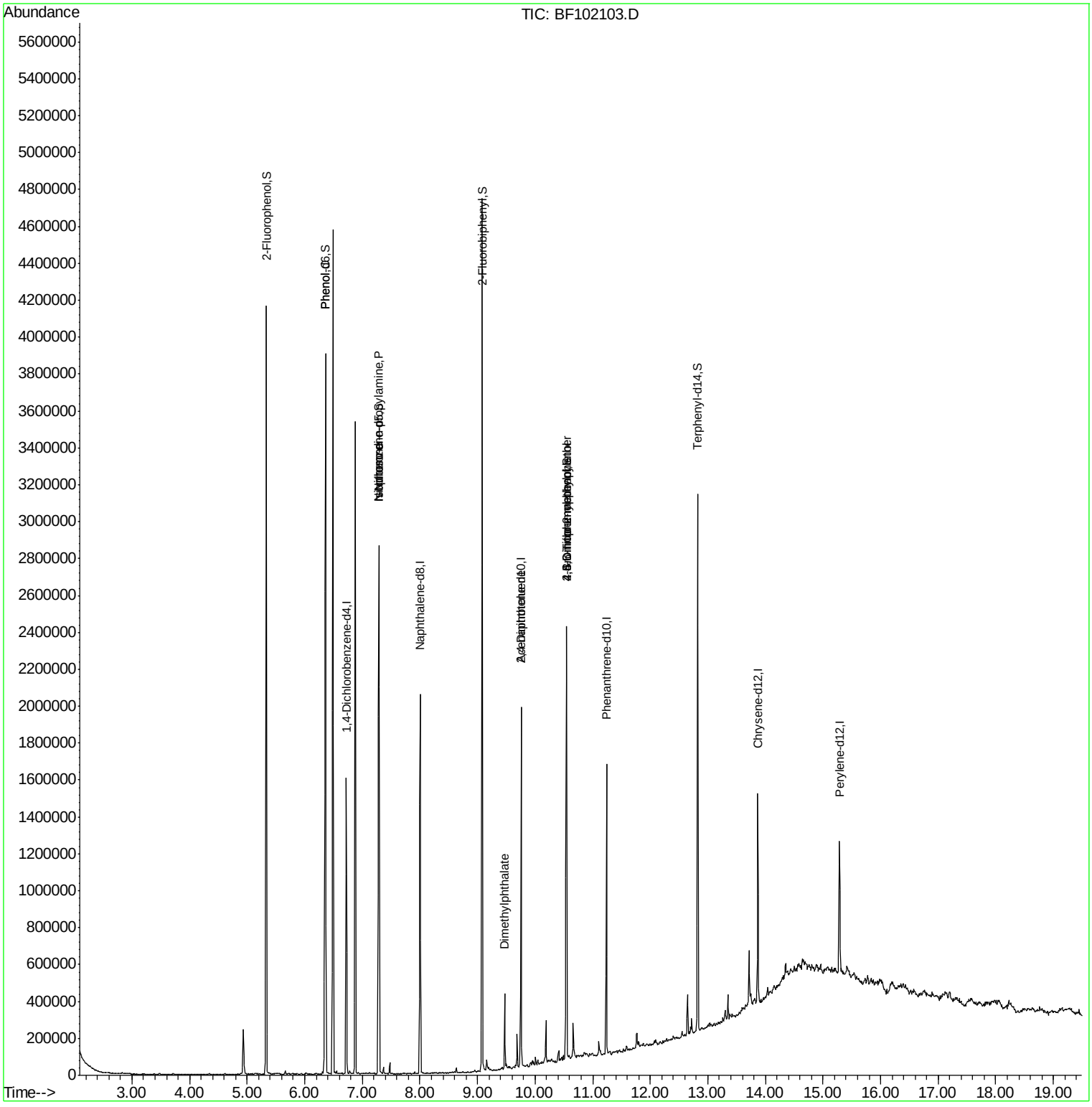
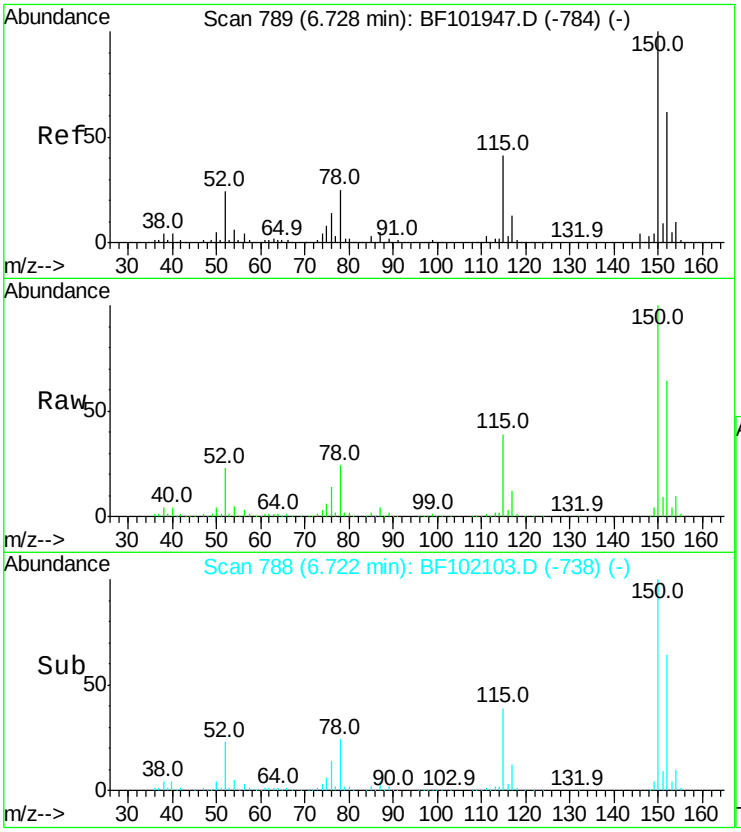


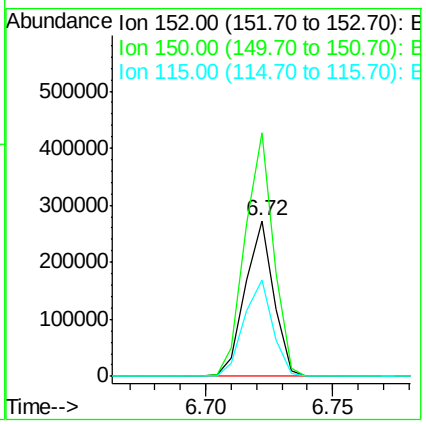


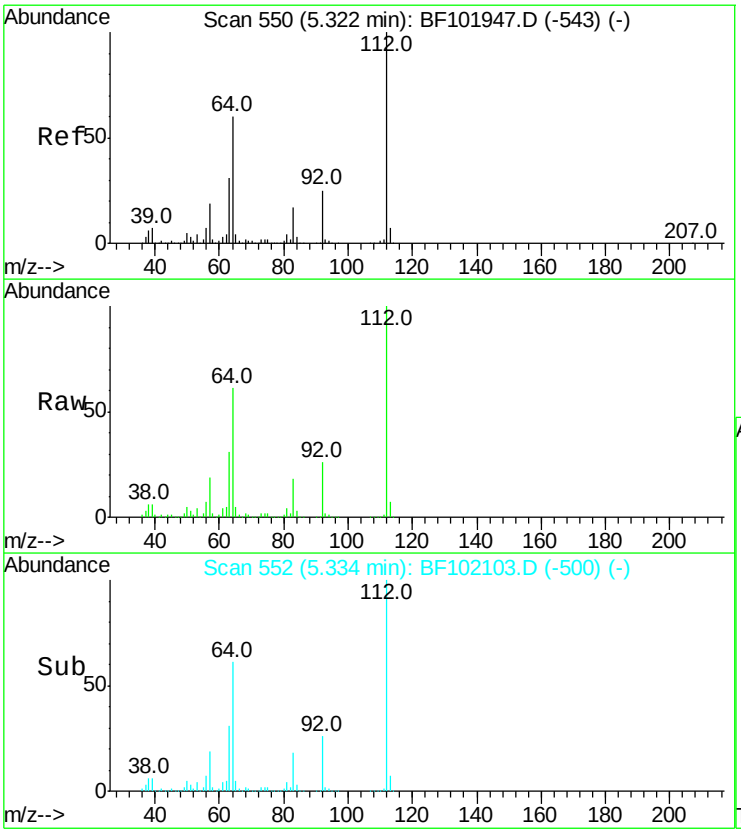
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 212564

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.7	50.1	75.1

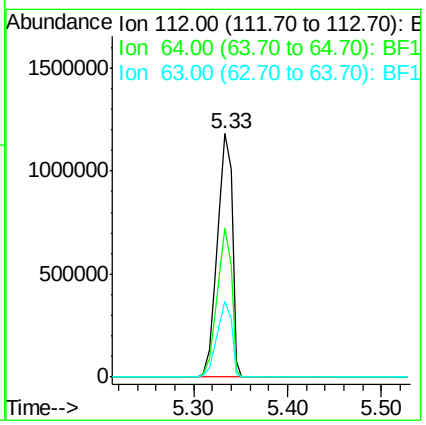


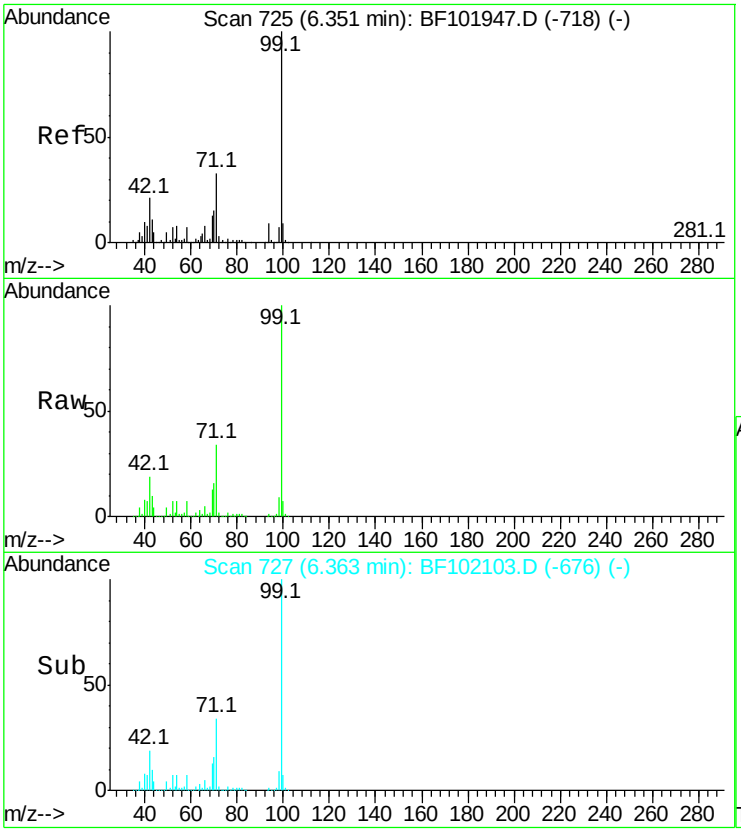


#5
2-Fluorophenol
Concen: 87.419 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:112 Resp: 1315936

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.4	23.7	35.5



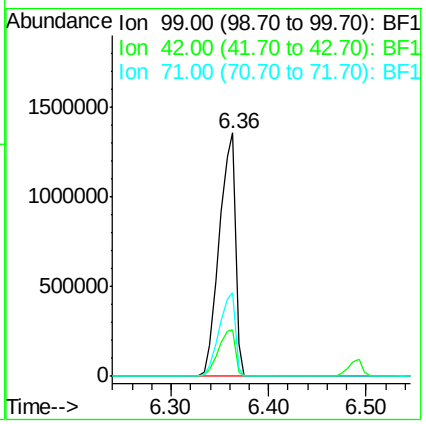


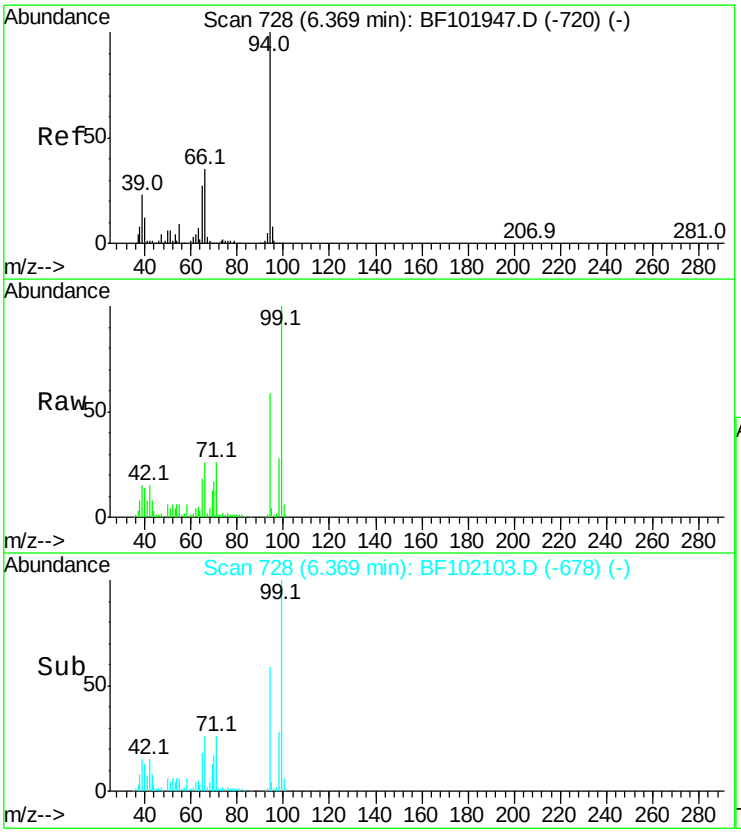
#7
Phenol-d6
Concen: 87.085 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1564061

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.2	25.4	38.0

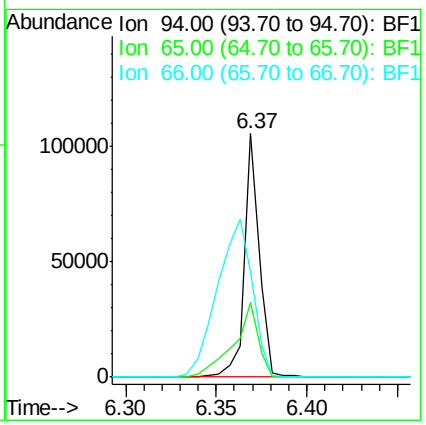


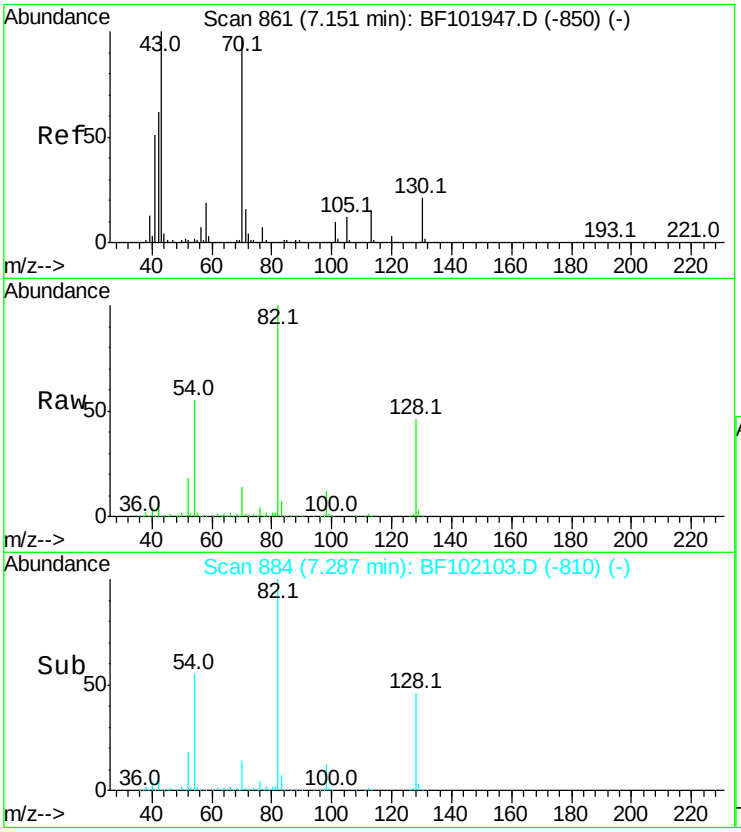


#10
Phenol
Concen: 2.918 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion: 94 Resp: 59219

Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	43.2	16.2	56.2



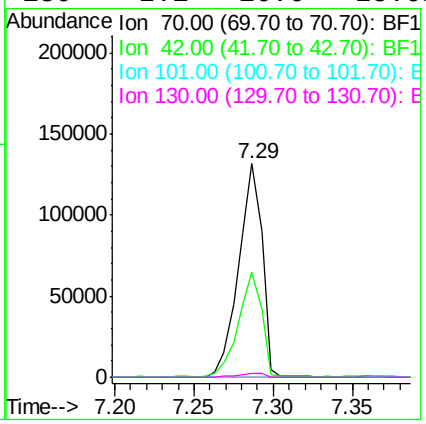


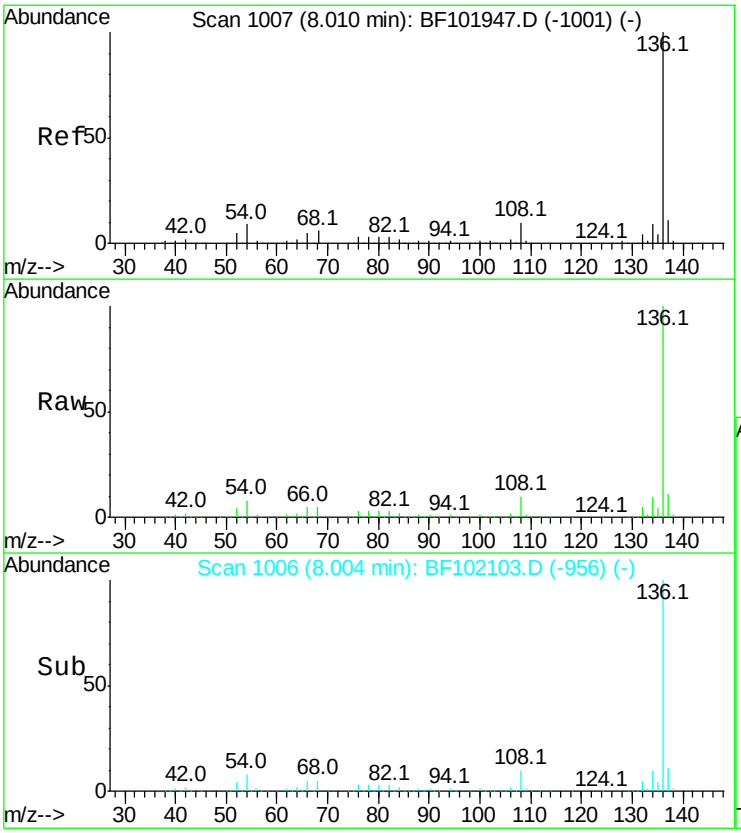
#19
n-Nitroso-di-n-propylamine
Concen: 11.436 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 134600

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

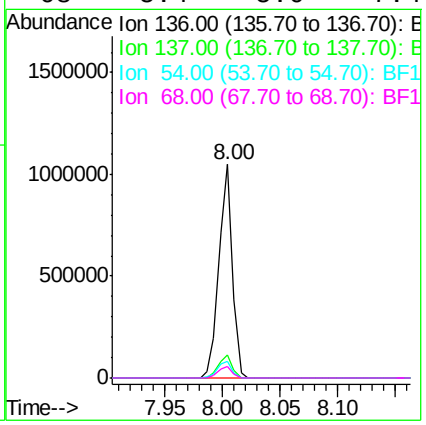


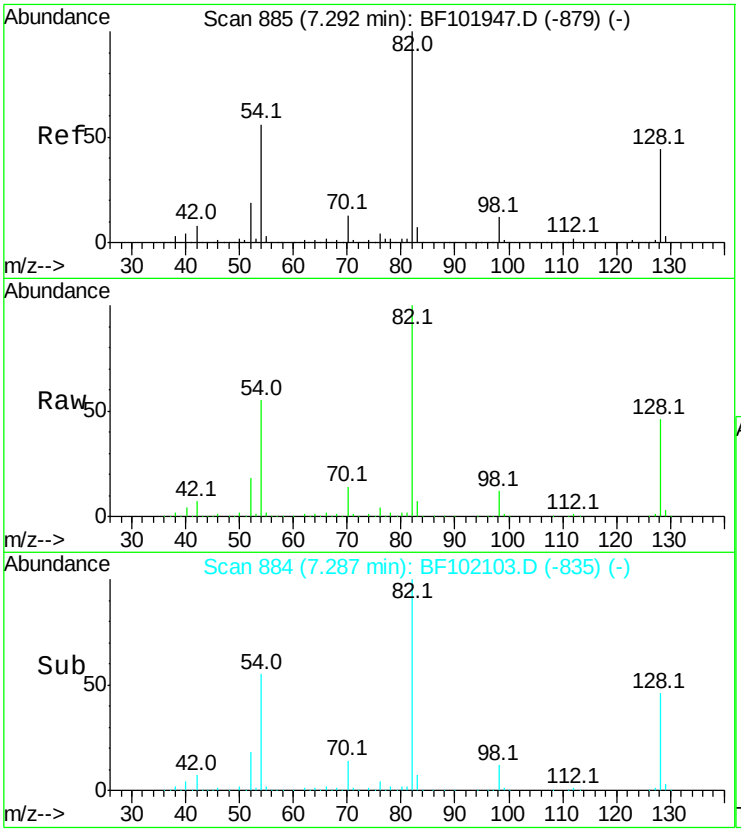


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:136 Resp: 853229

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4



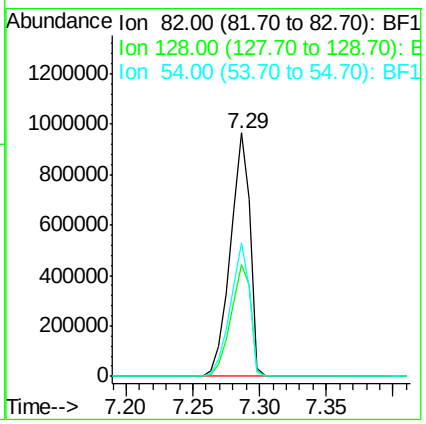


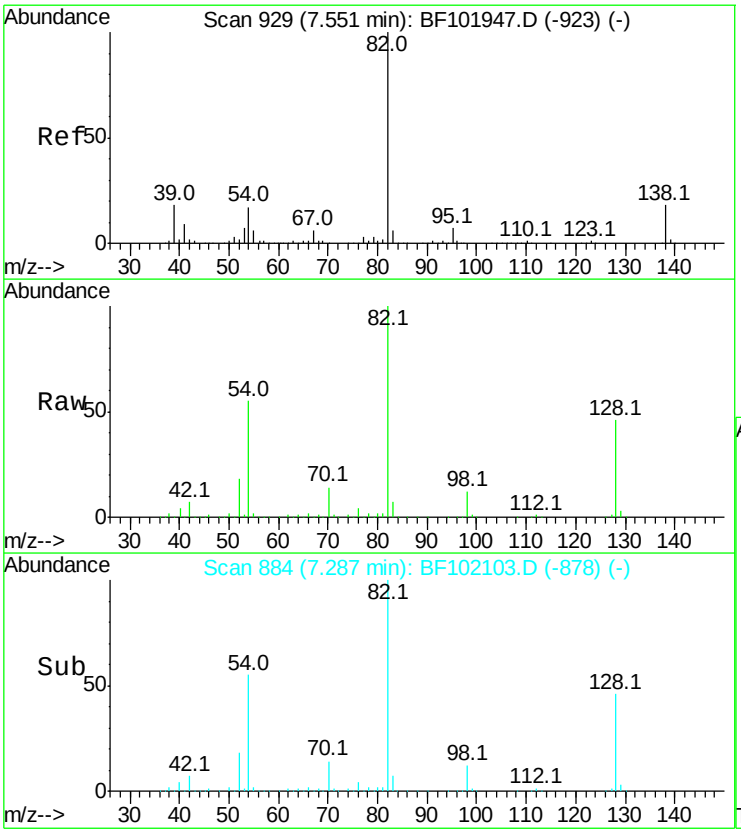
#23
Nitrobenzene-d5
Concen: 69.079 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1002994

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.9	41.4	62.2

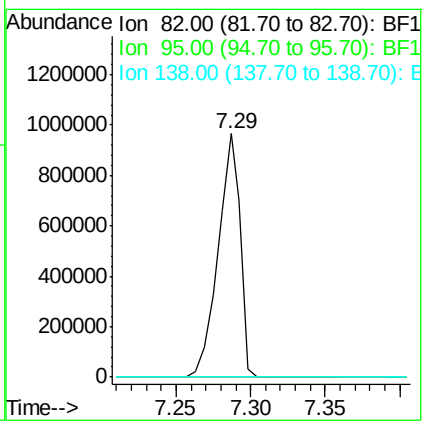


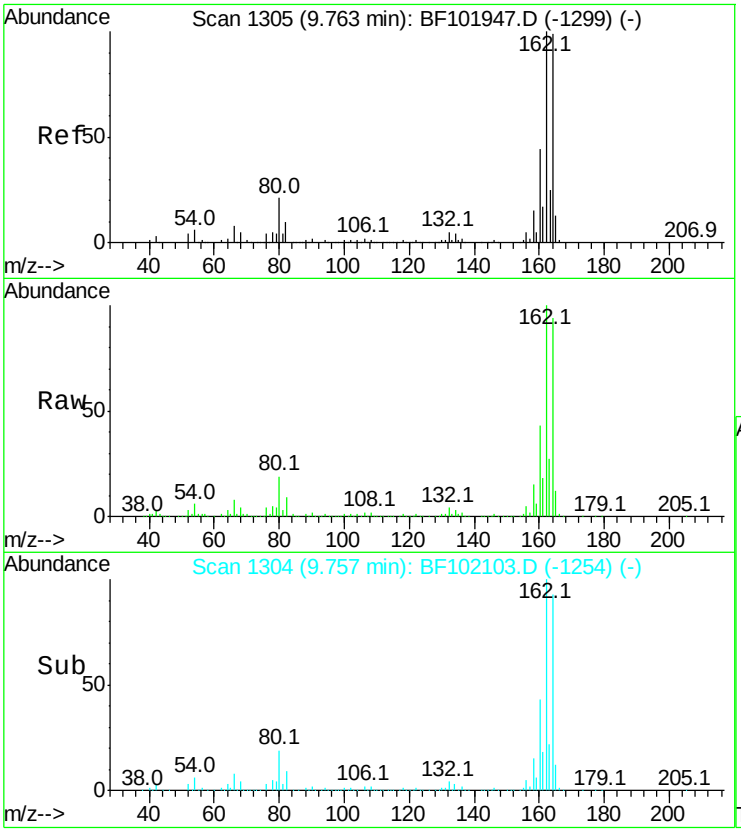


#25
Isophorone
Concen: 34.832 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion: 82 Resp: 999299

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



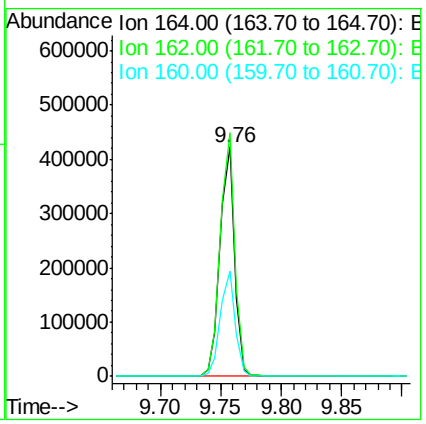


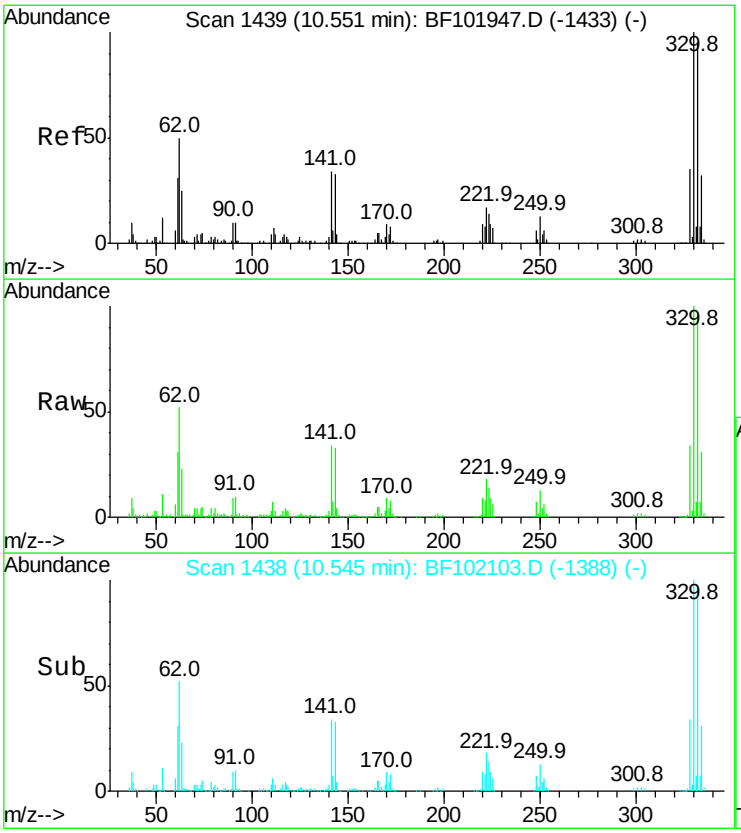
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 352827

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	46.1	38.3	57.5

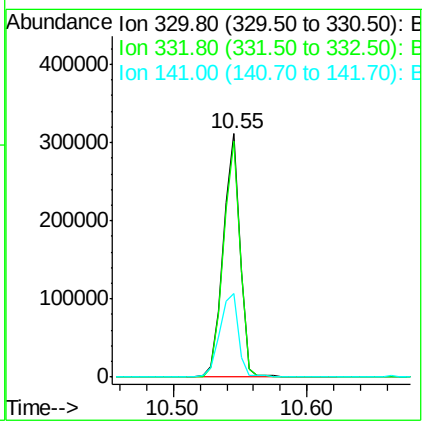


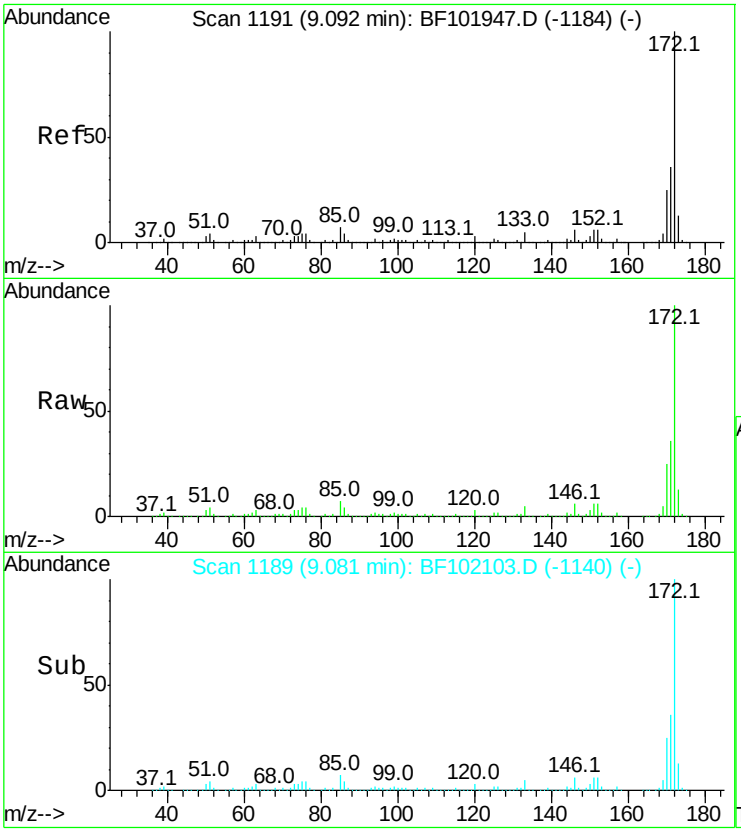


#41
2,4,6-Tribromophenol
Concen: 90.358 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:330 Resp: 278218

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.8	29.9	44.9



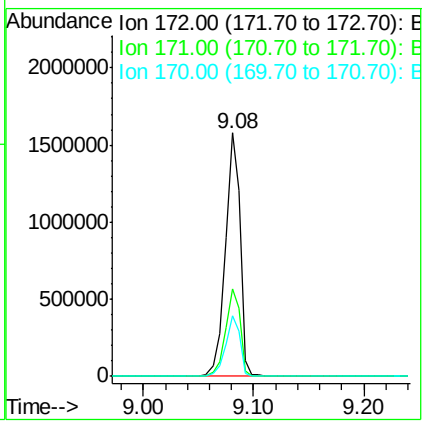


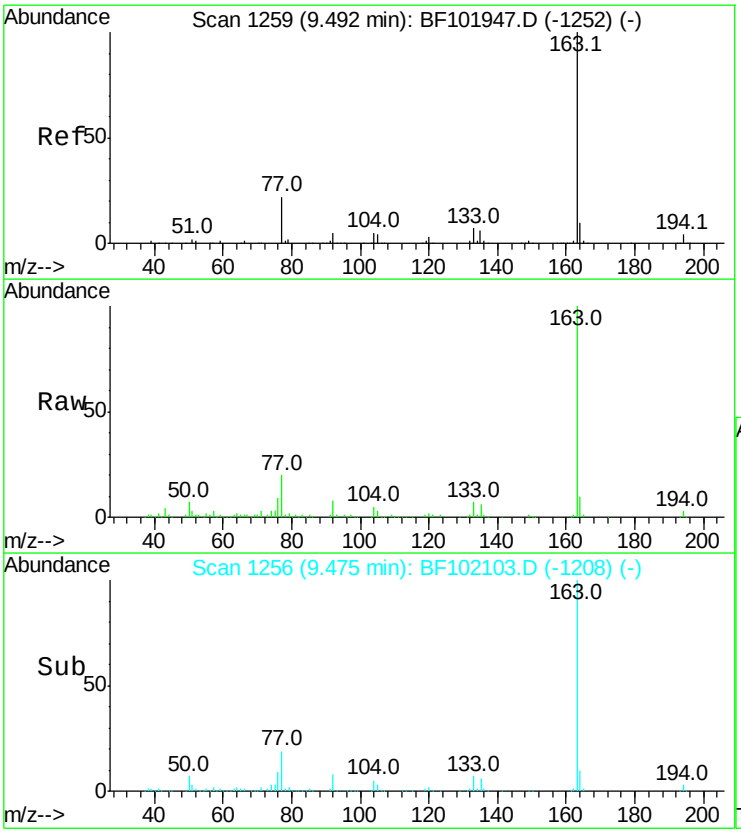
#44
2-Fluorobiphenyl
Concen: 65.823 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1486563

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.9	19.6	29.4

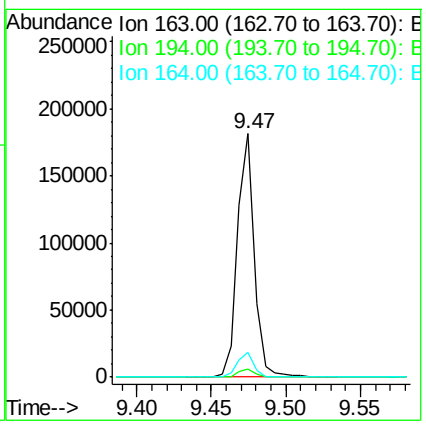


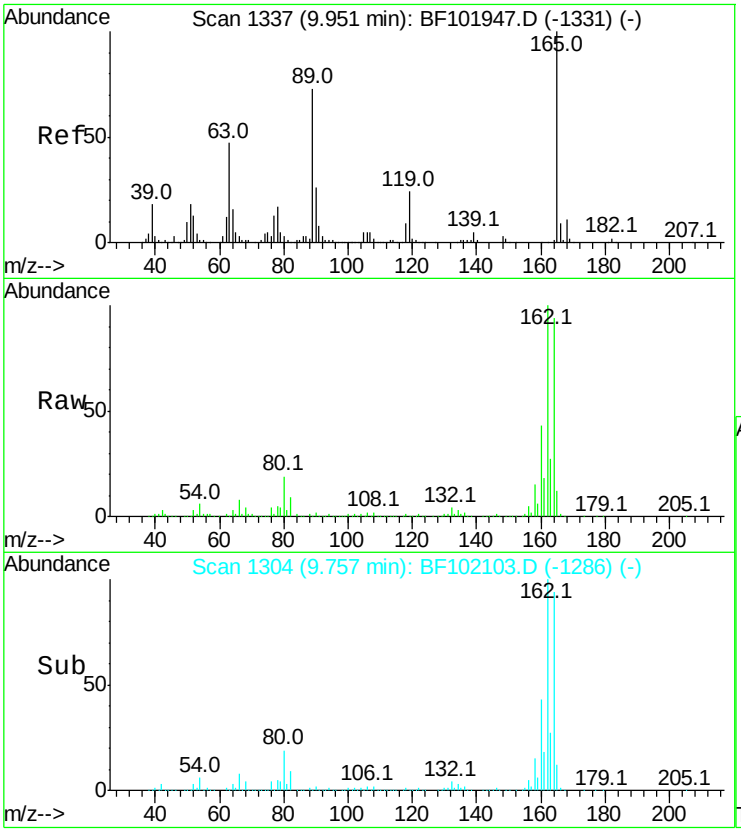


#49
Dimethylphthalate
Concen: 5.092 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:163 Resp: 144120

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



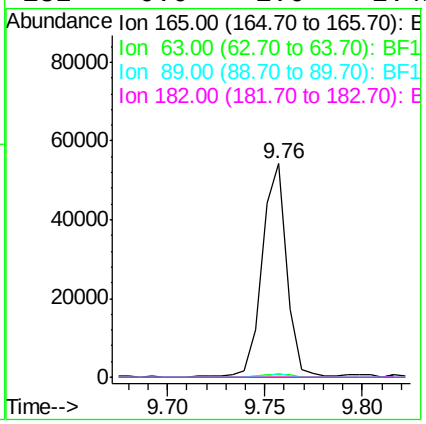


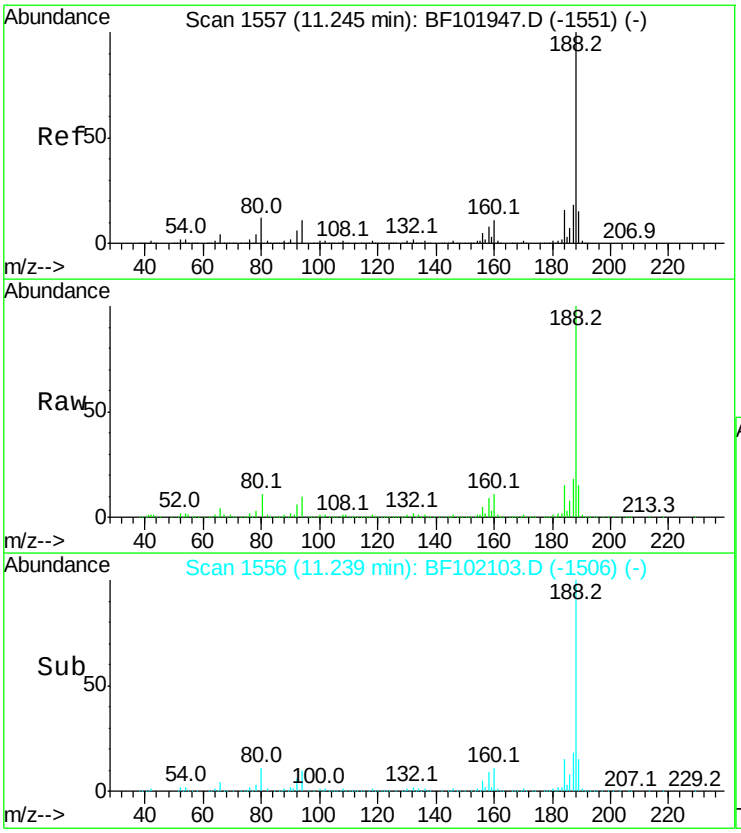
#56
2,4-Dinitrotoluene
Concen: 6.730 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47691

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

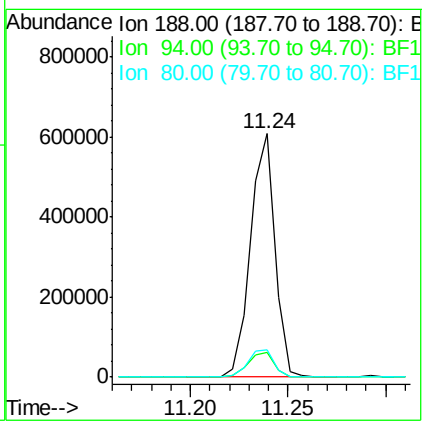


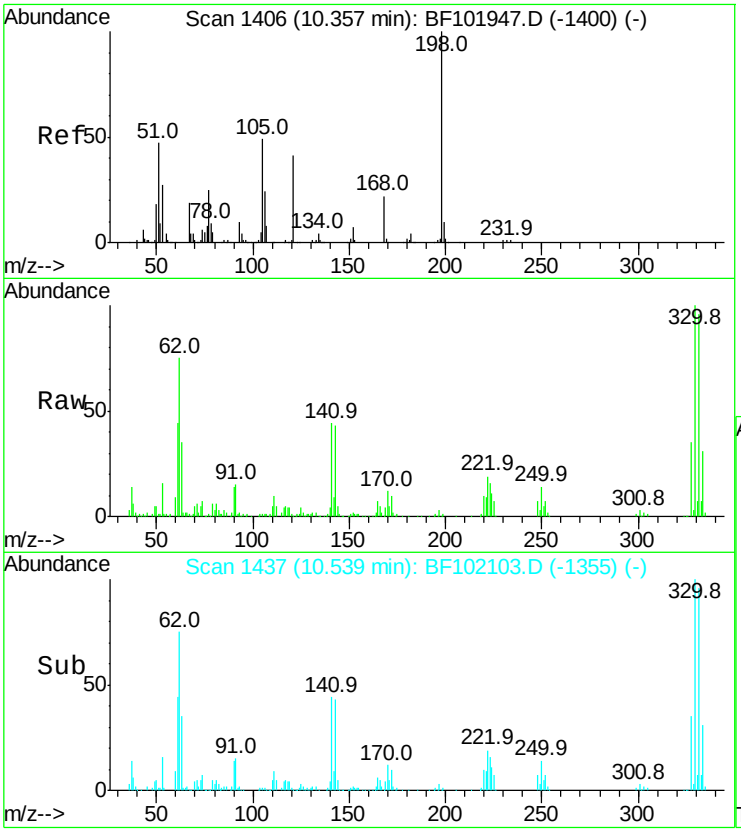


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:188 Resp: 525871

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8



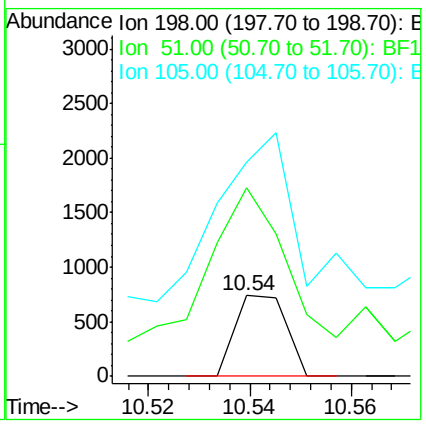


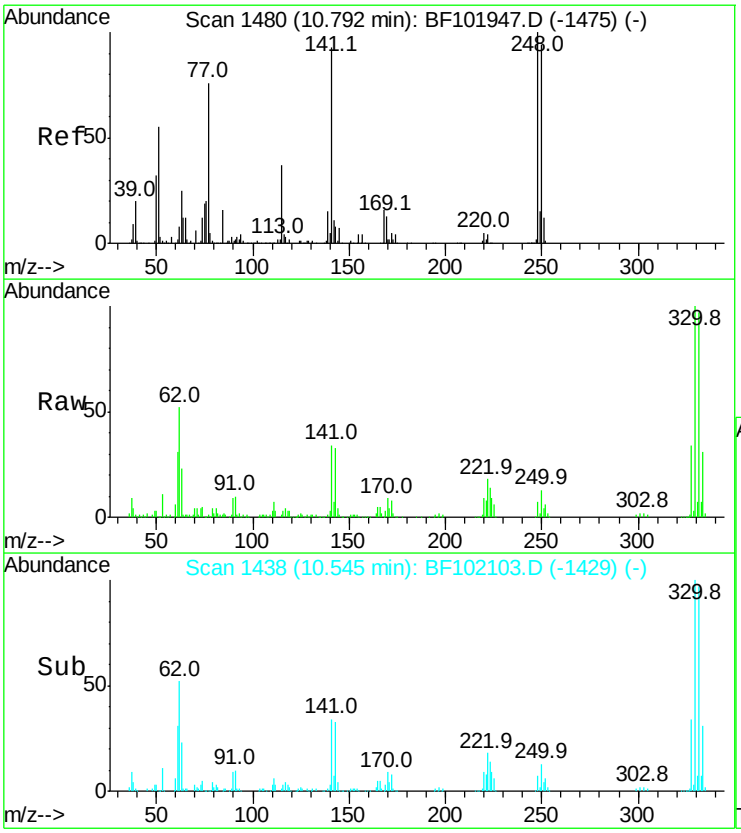
#64
4,6-Dinitro-2-methylphenol
Concen: 5.822 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 516

Ion	Ratio	Lower	Upper
198	100		
51	232.6	37.7	77.7#
105	264.0	36.3	76.3#

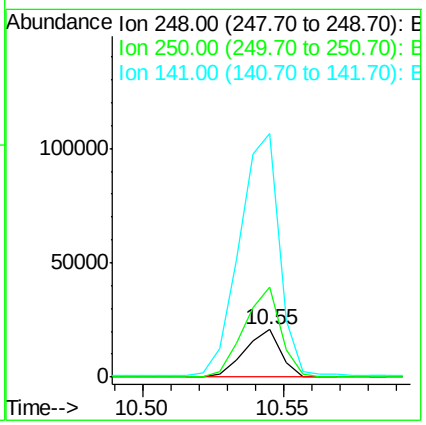


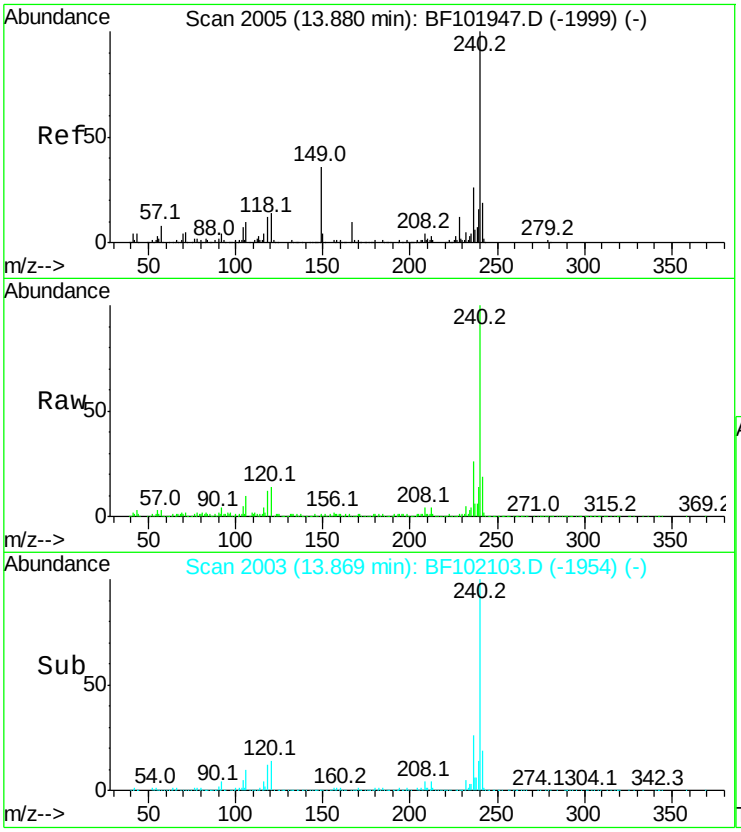


#66
4-Bromophenyl-phenylether
Concen: 3.269 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:248 Resp: 18155

Ion	Ratio	Lower	Upper
248	100		
250	190.7	76.9	115.3#
141	515.1	74.4	111.6#



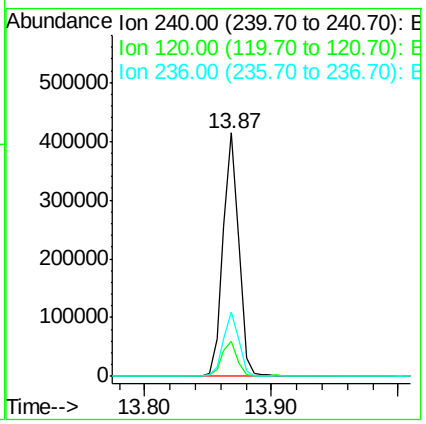


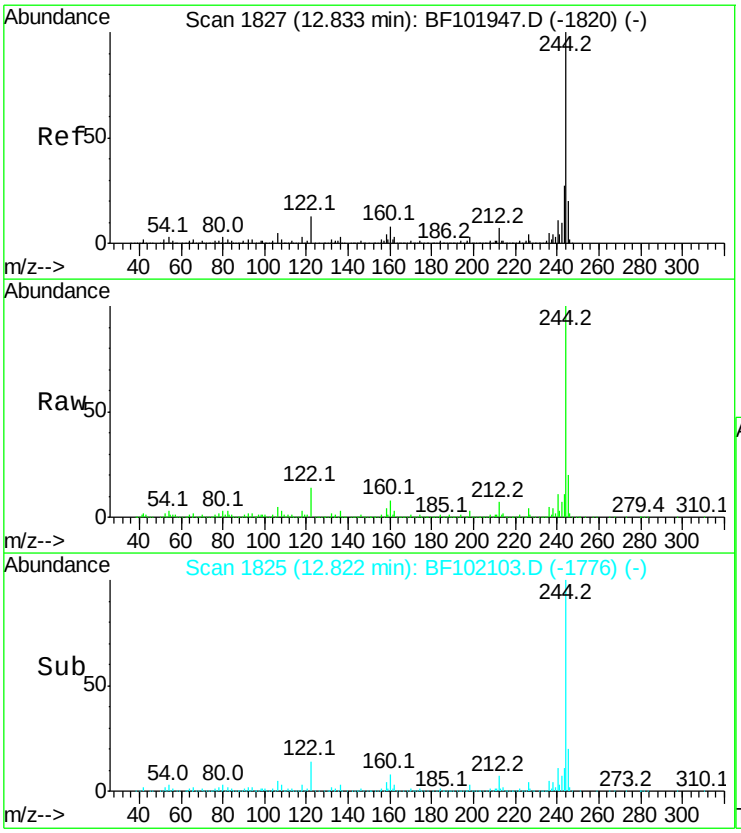
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 356898

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.5	20.7	31.1

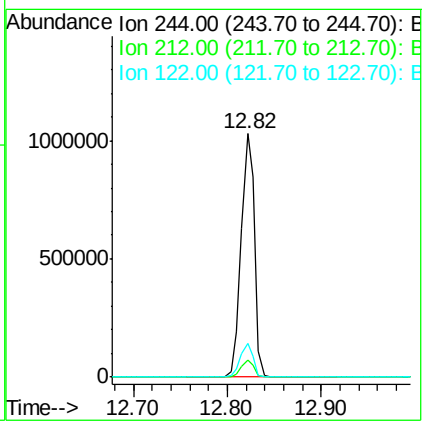


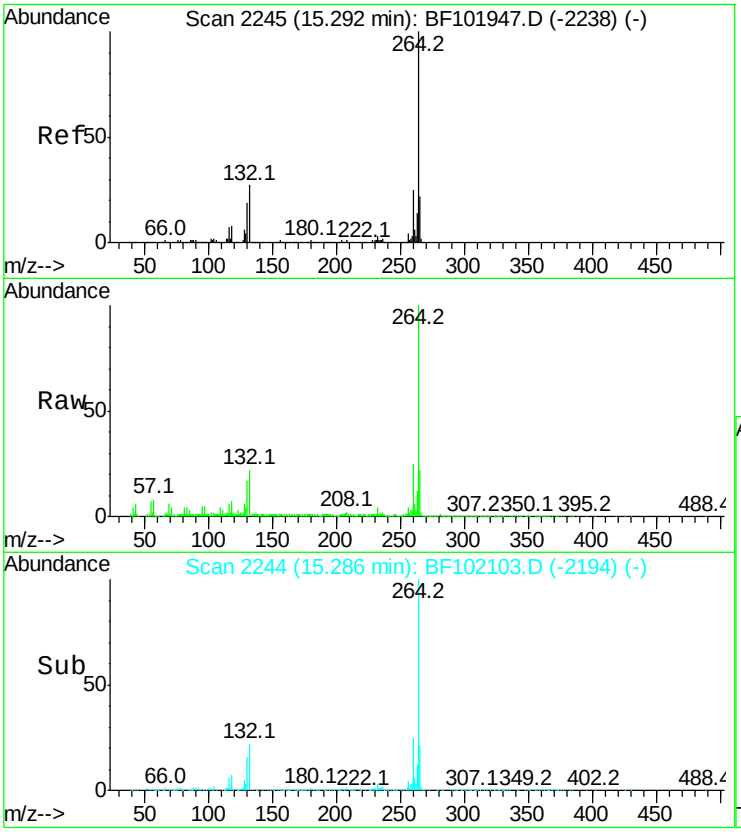


#78
Terphenyl-d14
Concen: 58.677 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:244 Resp: 1008625

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 313301

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.5	17.5	26.3