Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102240.D
Acq On : 20 Jan 2018 1:59
Operator : SJ/JU
Sample : J1113-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 20 03:06:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133874	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	518534	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	213570	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	314707	20.00	ng		0.00
75) Chrysene-d12	13.87	240	249135	20.00	ng		0.00
86) Perylene-d12	15.29	264	271156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1084748	114.42	ng		0.00
7) Phenol-d6	6.36	99	1290674	114.10	ng		0.00
23) Nitrobenzene-d5	7.29	82	799508	90.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	233251	125.15	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1195163	87.43	ng		0.00
78) Terphenyl-d14	12.82	244	766344	63.87	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	40339	3.156	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	106644	14.387	ng	#	80
25) Isophorone	7.29	82	799498	45.855	ng	#	64
49) Dimethylphthalate	9.47	163	129215	7.542	ng		99
56) 2,4-Dinitrotoluene	9.75	165	27080	6.313	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	380	5.858	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	15137	4.555	ng	#	1

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

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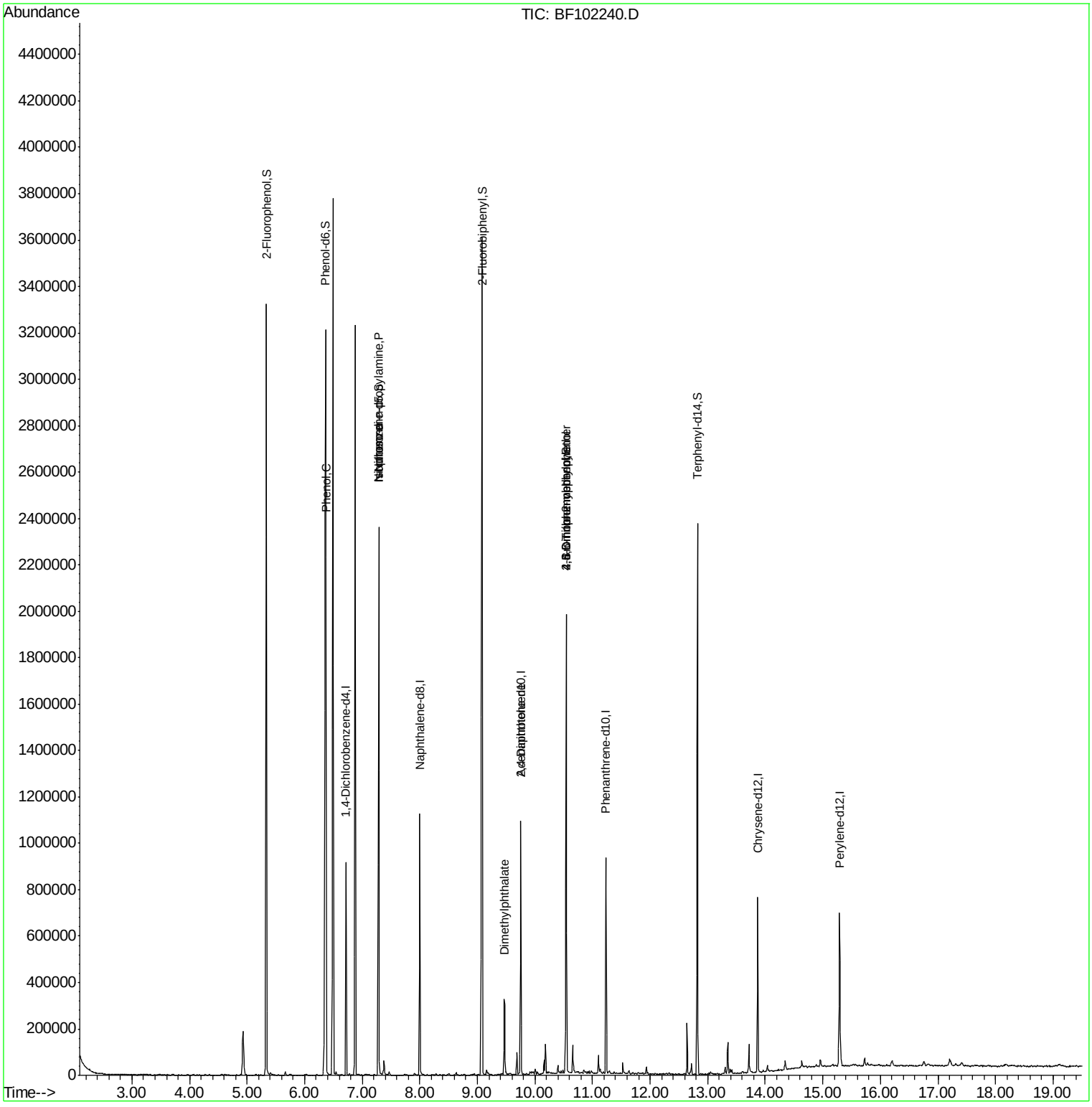
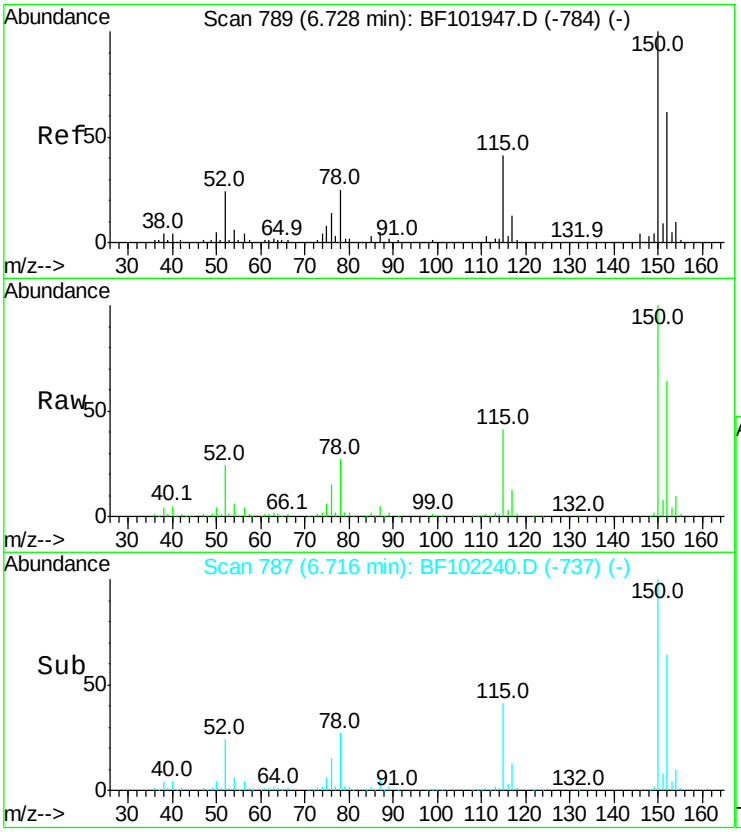
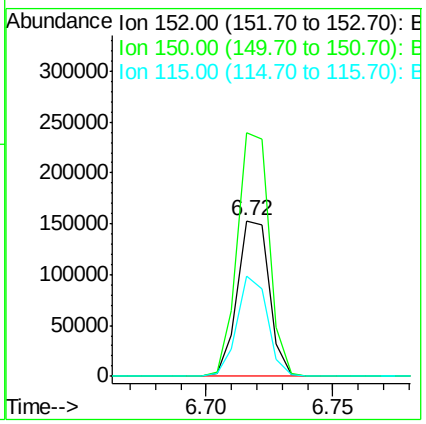




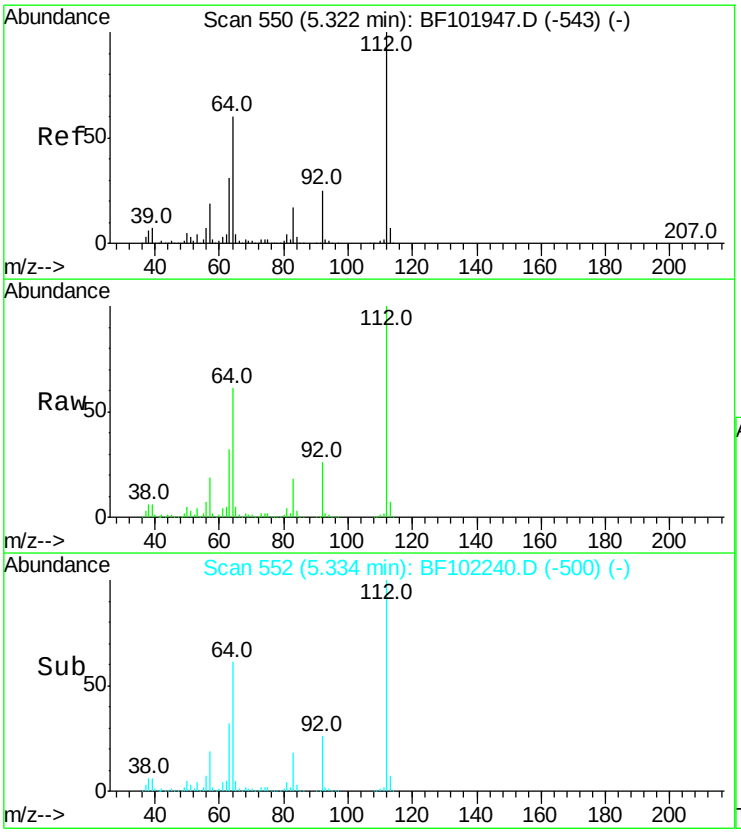
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:152 Resp: 133874

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.2	50.1	75.1



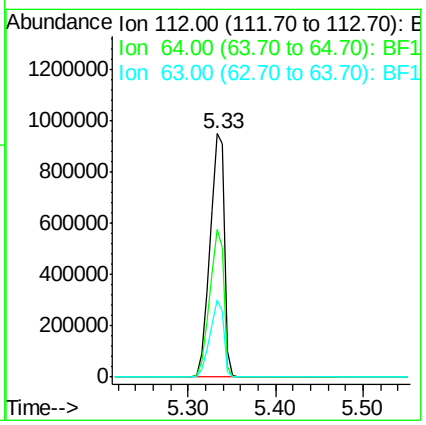
Instrument :
BNA_F
ClientSampleId :

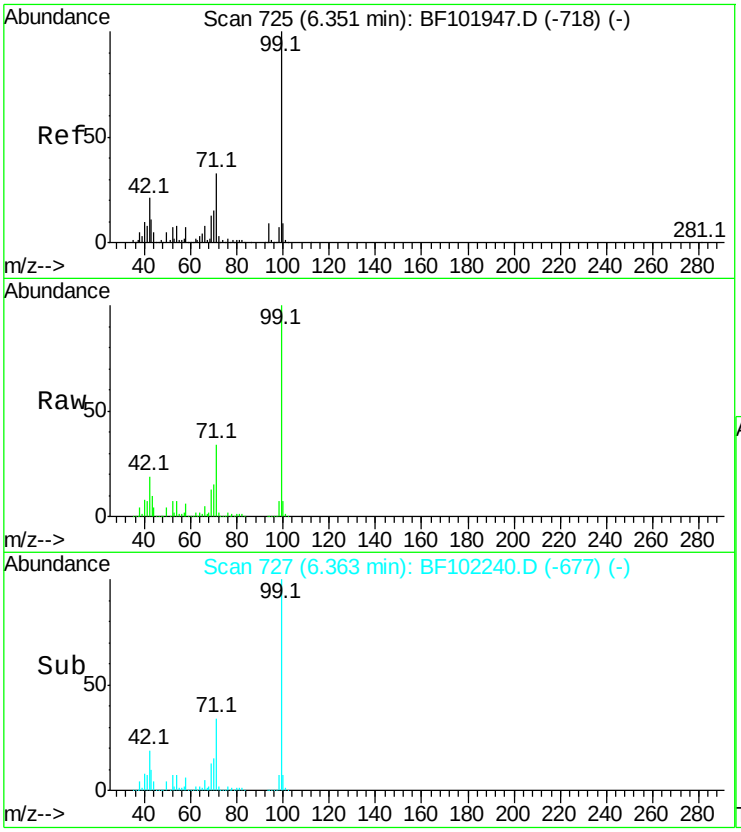


#5
2-Fluorophenol
Concen: 114.418 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:112 Resp: 1084748

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.5	23.7	35.5



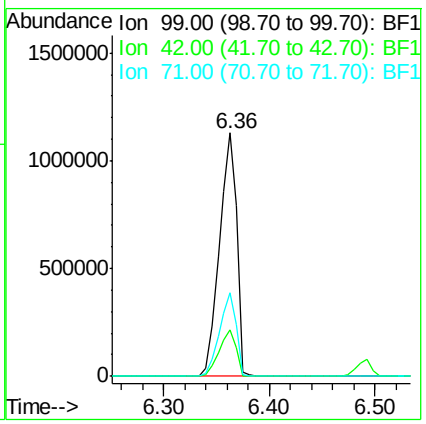


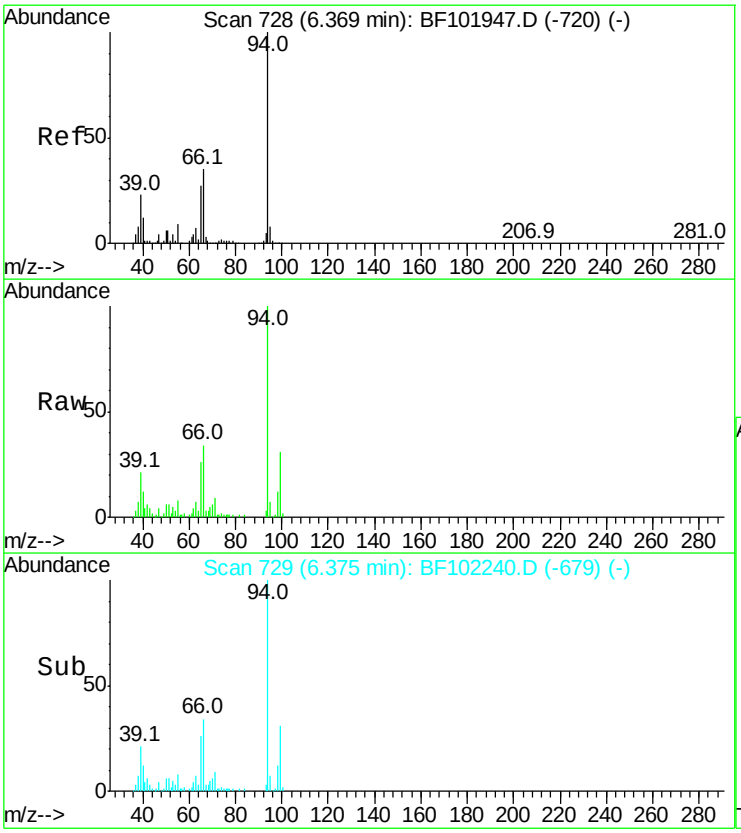
#7
Phenol-d6
Concen: 114.104 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1290674

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.5	25.4	38.0

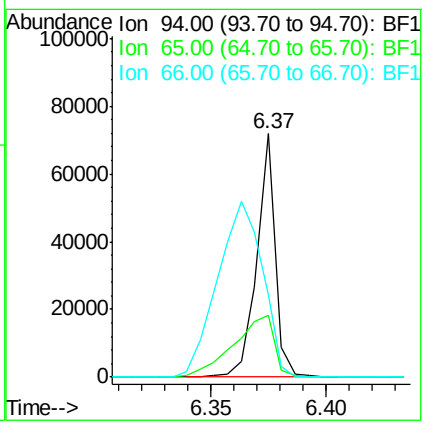


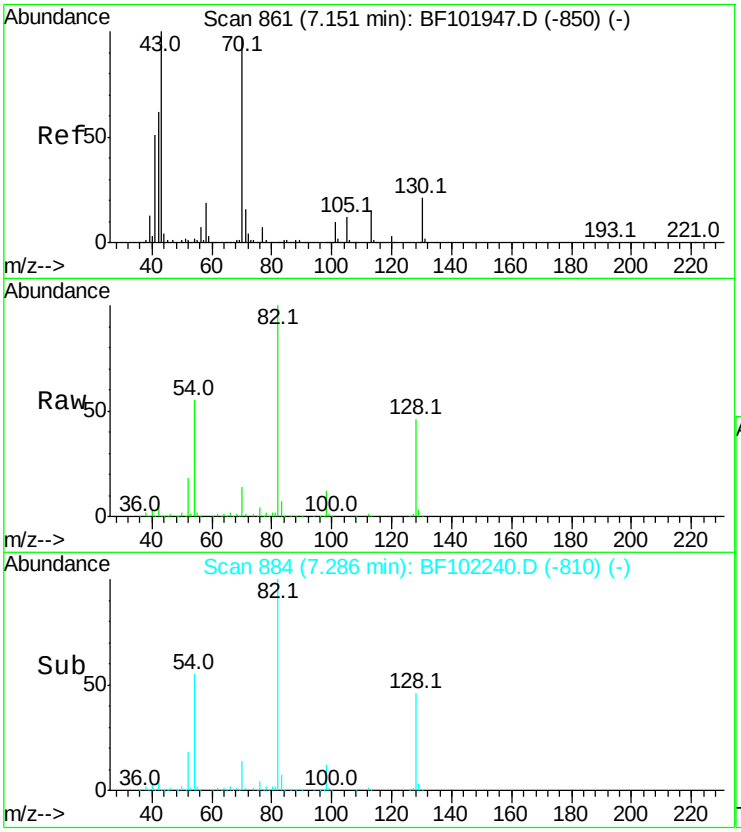


#10
Phenol
Concen: 3.156 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion: 94 Resp: 40339

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	33.8	16.2	56.2



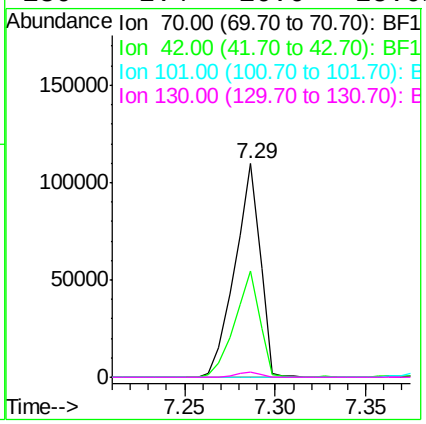


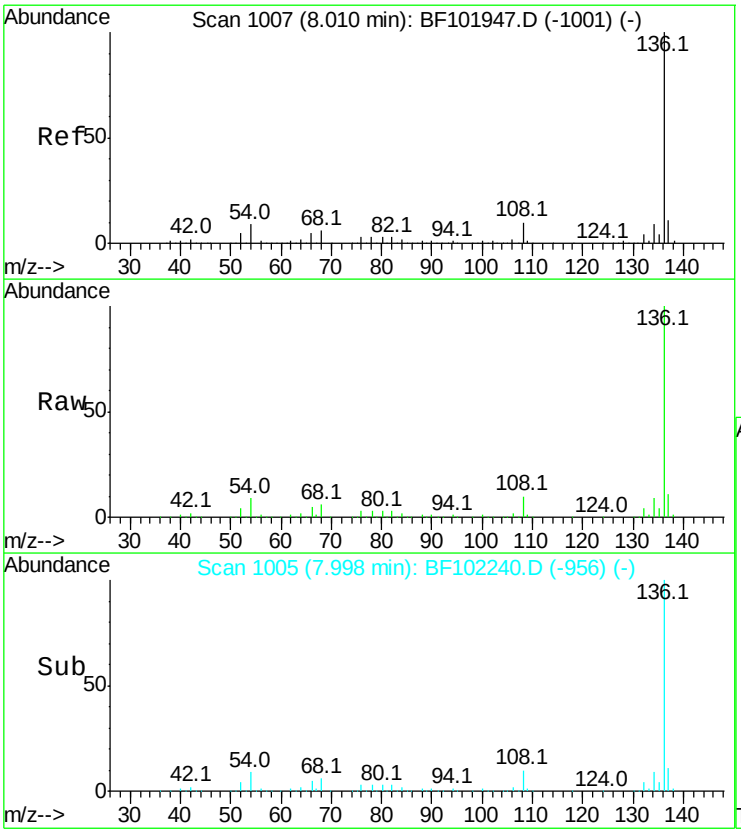
#19
n-Nitroso-di-n-propylamine
Concen: 14.387 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 106644

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

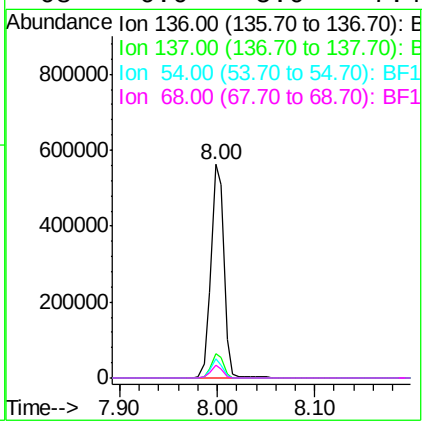


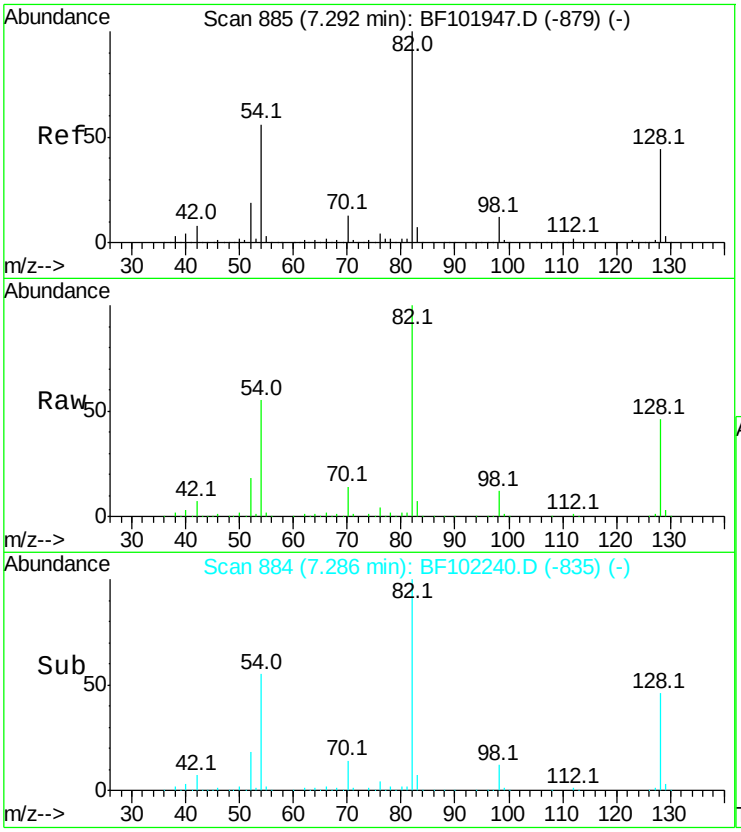


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:136 Resp: 518534

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.0	5.0	7.4



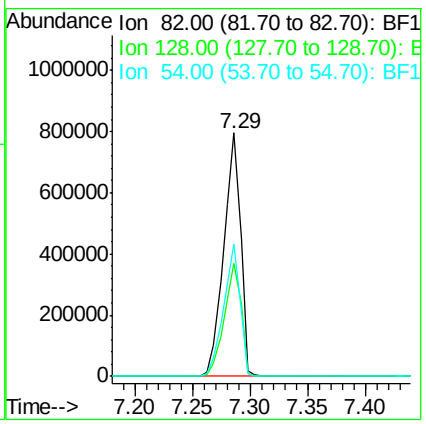


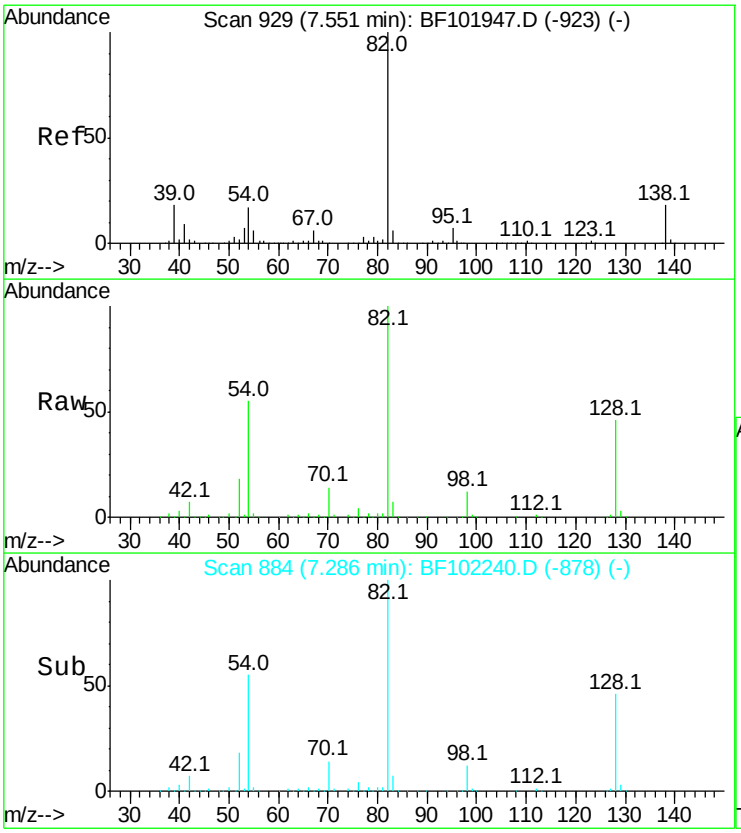
#23
Nitrobenzene-d5
Concen: 90.606 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 799508

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.5	41.4	62.2

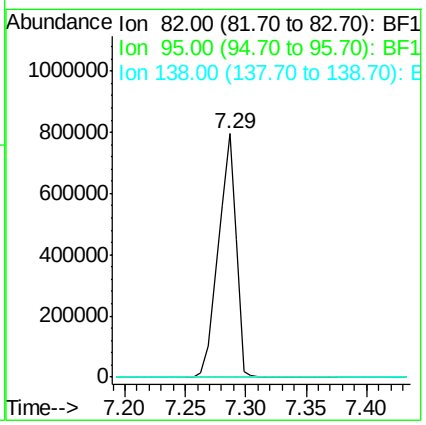


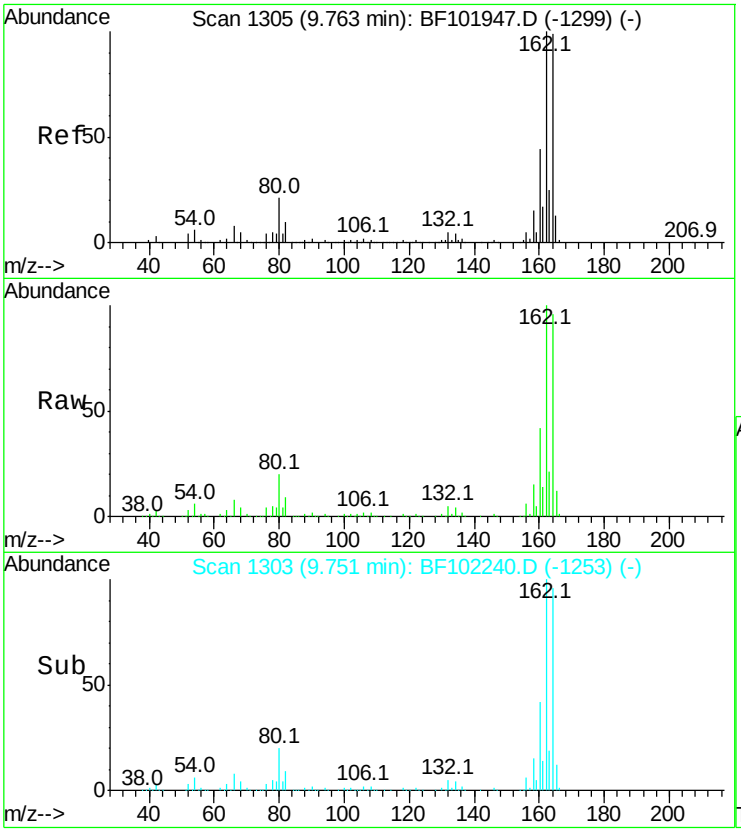


#25
Isophorone
Concen: 45.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion: 82 Resp: 799498

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



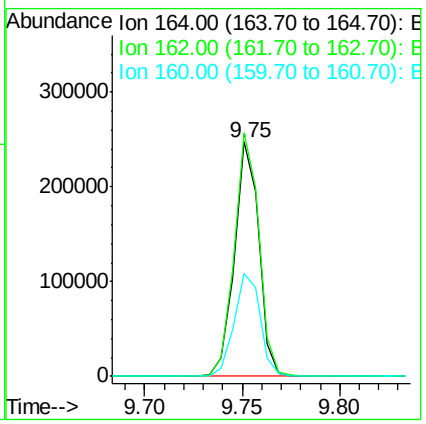


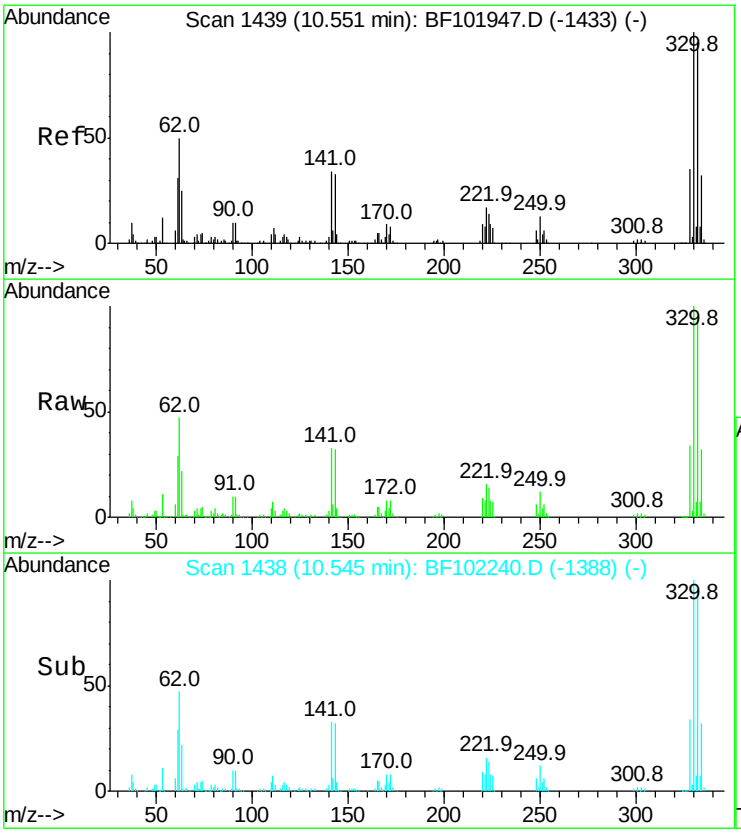
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 213570

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.1	38.3	57.5

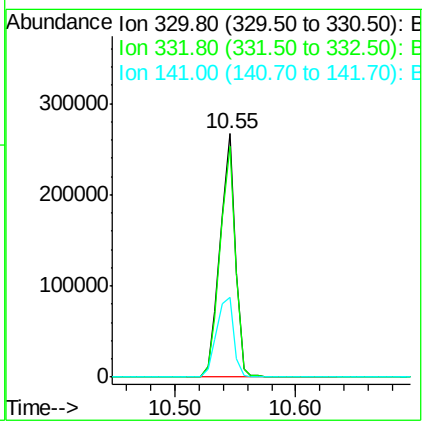


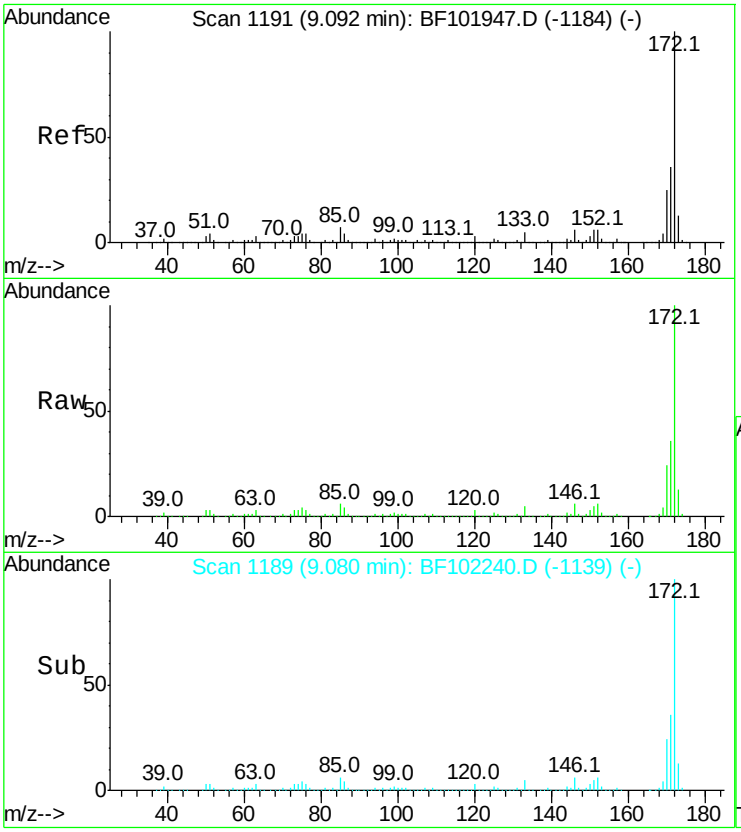


#41
2,4,6-Tribromophenol
Concen: 125.148 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:330 Resp: 233251

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.9	29.9	44.9



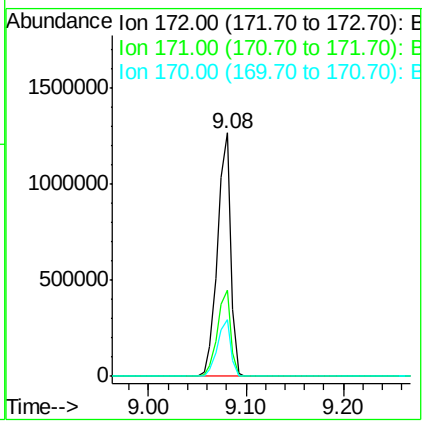


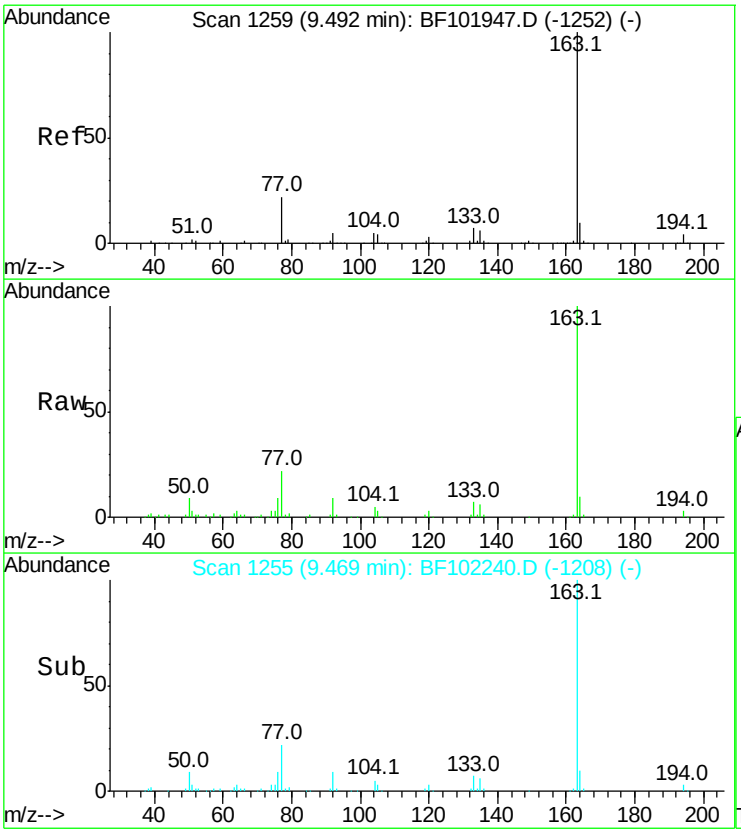
#44
2-Fluorobiphenyl
Concen: 87.427 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1195163

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4

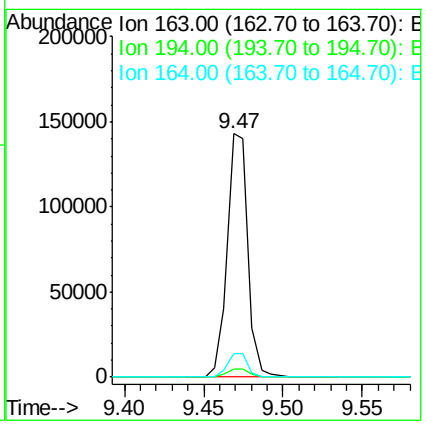


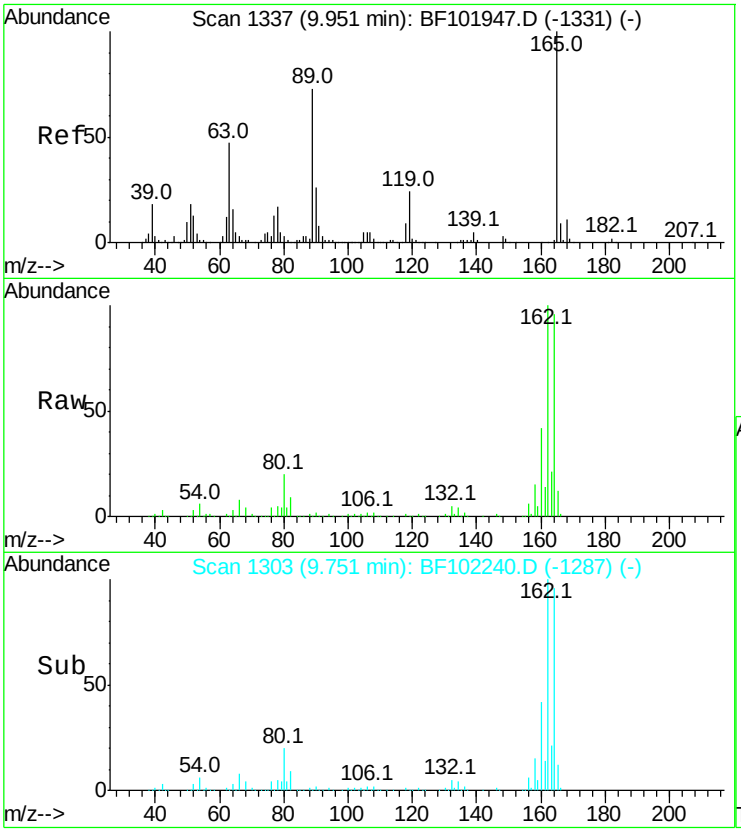


#49
Dimethylphthalate
Concen: 7.542 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:163 Resp: 129215

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2



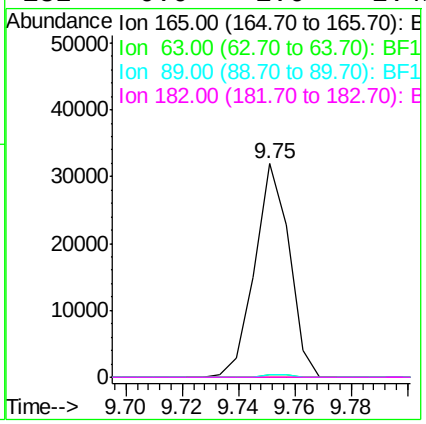


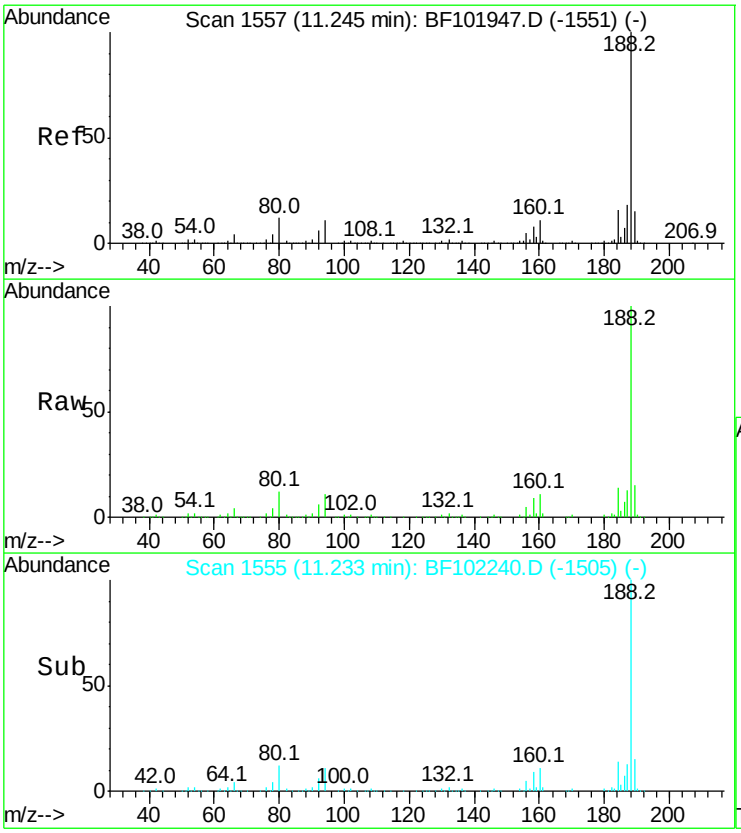
#56
2,4-Dinitrotoluene
Concen: 6.313 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27080

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

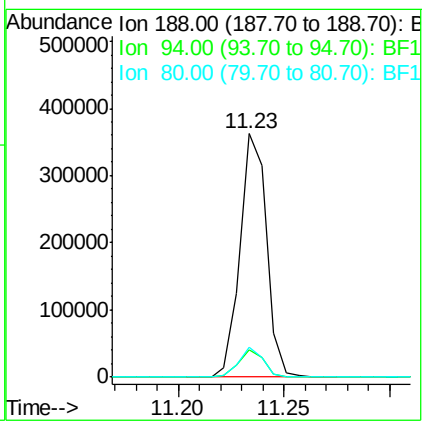


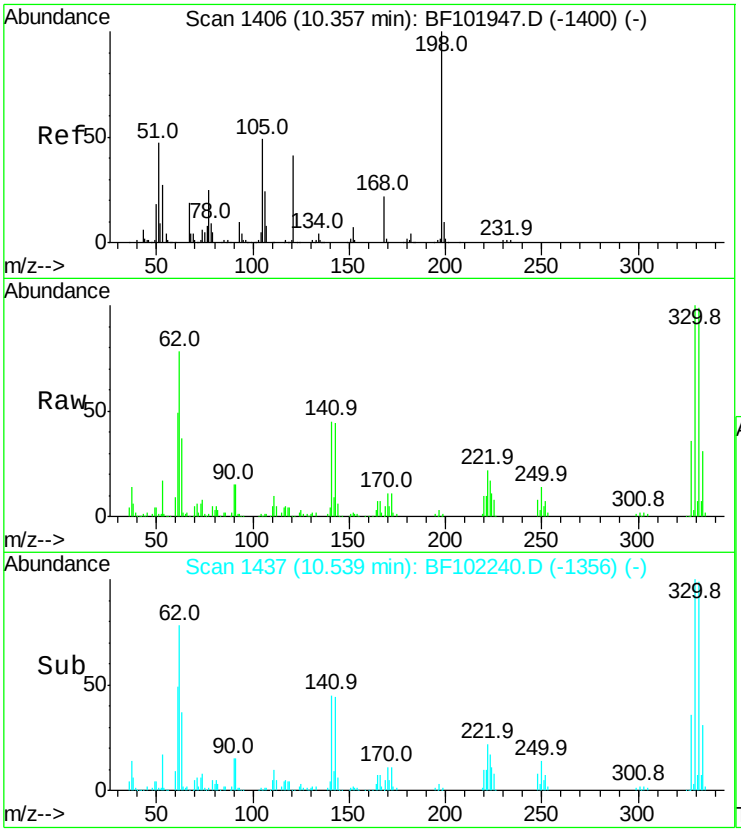


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:188 Resp: 314707

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8



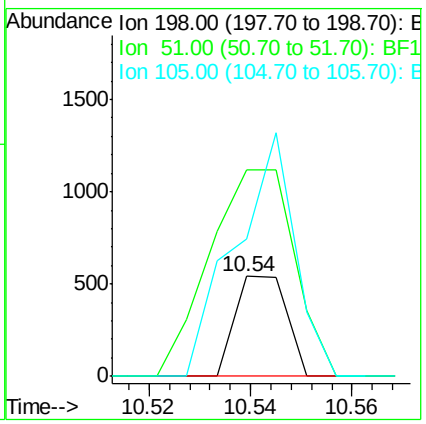


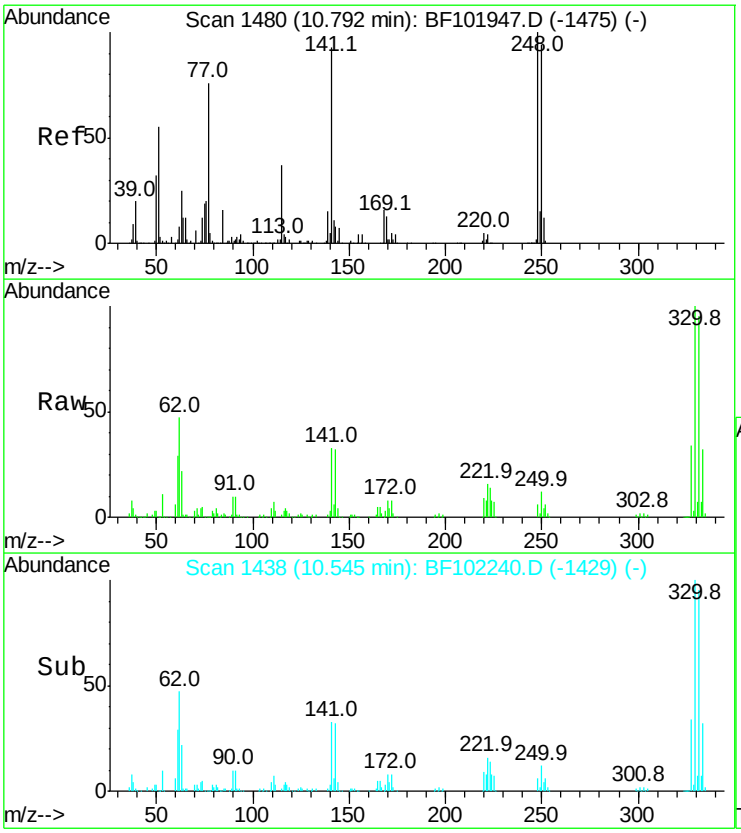
#64
4,6-Dinitro-2-methylphenol
Concen: 5.858 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 380

Ion	Ratio	Lower	Upper
198	100		
51	206.3	37.7	77.7#
105	137.9	36.3	76.3#

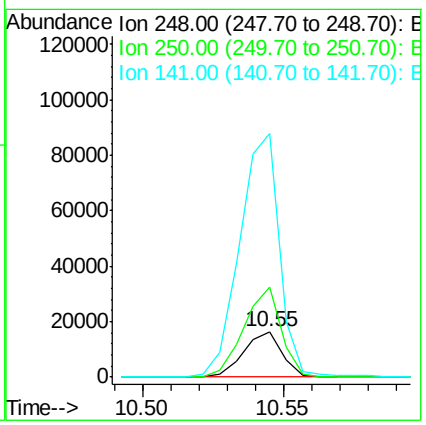


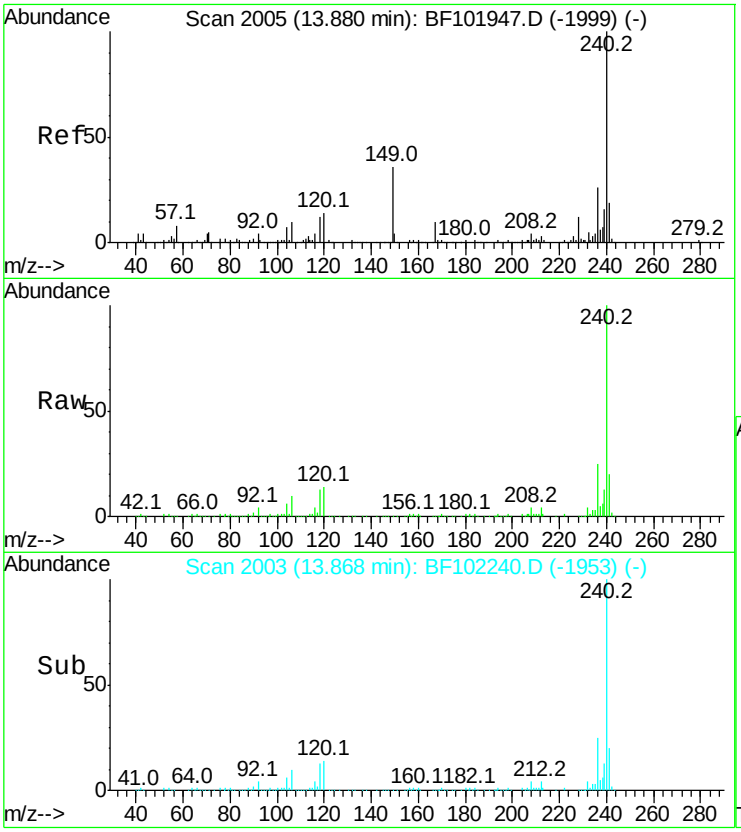


#66
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:248 Resp: 15137

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.9	115.3#
141	536.3	74.4	111.6#



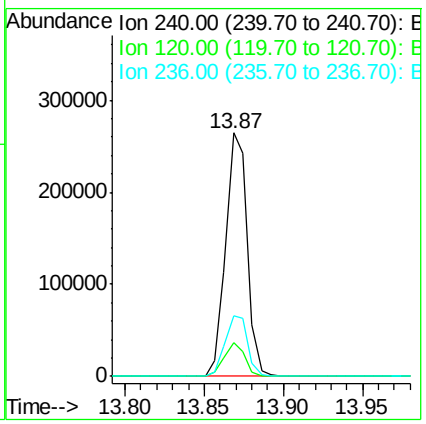


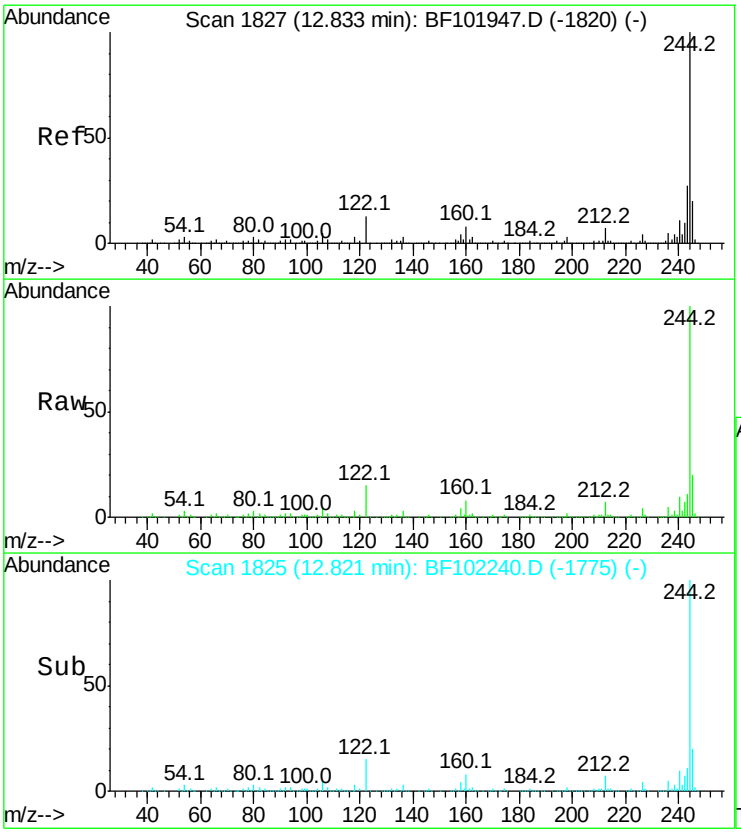
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 249135

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.1	20.7	31.1

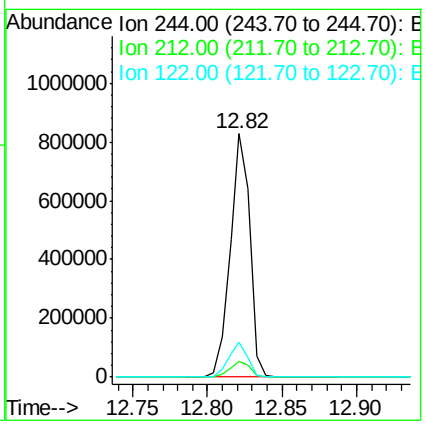


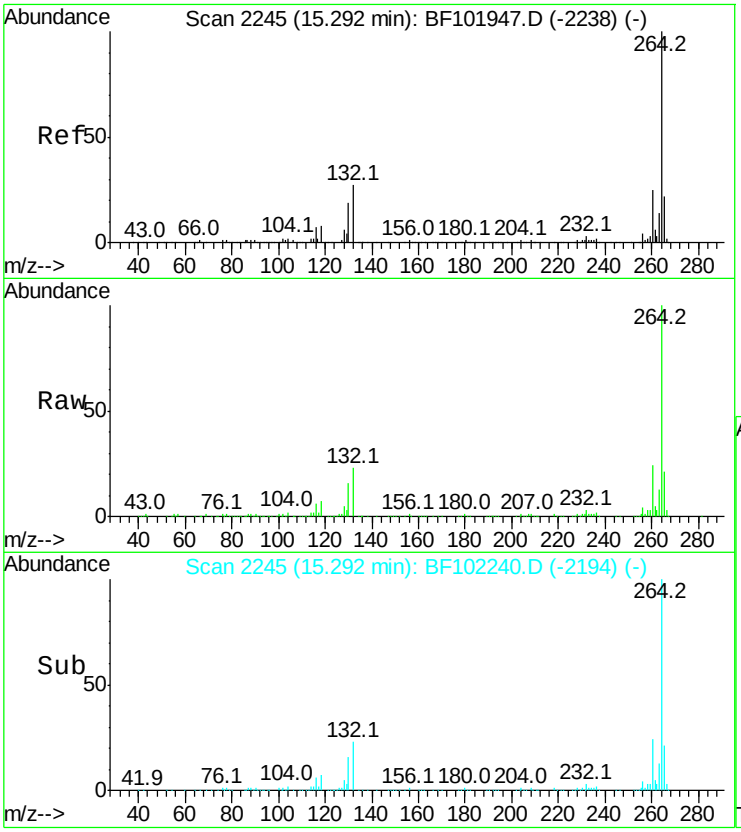


#78
Terphenyl-d14
Concen: 63.866 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Tgt Ion:244 Resp: 766344

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102240.D
Acq: 20 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 271156

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3