Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100262.D
Acq On : 6 Nov 2017 20:27
Operator : SJ/JU
Sample : PB104022BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 00:19:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	80038	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	336084	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	161435	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	286685	20.00	ng		0.00
75) Chrysene-d12	13.94	240	147141	20.00	ng		0.00
86) Perylene-d12	15.41	264	140676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	478659	93.89	ng		0.01
7) Phenol-d6	6.41	99	580960	96.11	ng		0.00
23) Nitrobenzene-d5	7.33	82	314923	60.33	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	123659	84.05	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	695377	66.46	ng		0.00
78) Terphenyl-d14	12.87	244	561271	83.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	8087	2.239	ng		88
19) n-Nitroso-di-n-propylamine	7.33	70	37630	10.623	ng	#	73
25) Isophorone	7.33	82	314920	33.245	ng	#	64
50) 2,6-Dinitrotoluene	9.79	165	19982	7.435	ng	#	24
56) 2,4-Dinitrotoluene	9.79	165	19982	6.174	ng	#	21
66) 4-Bromophenyl-phenylether	10.59	248	8116	2.689	ng	#	1

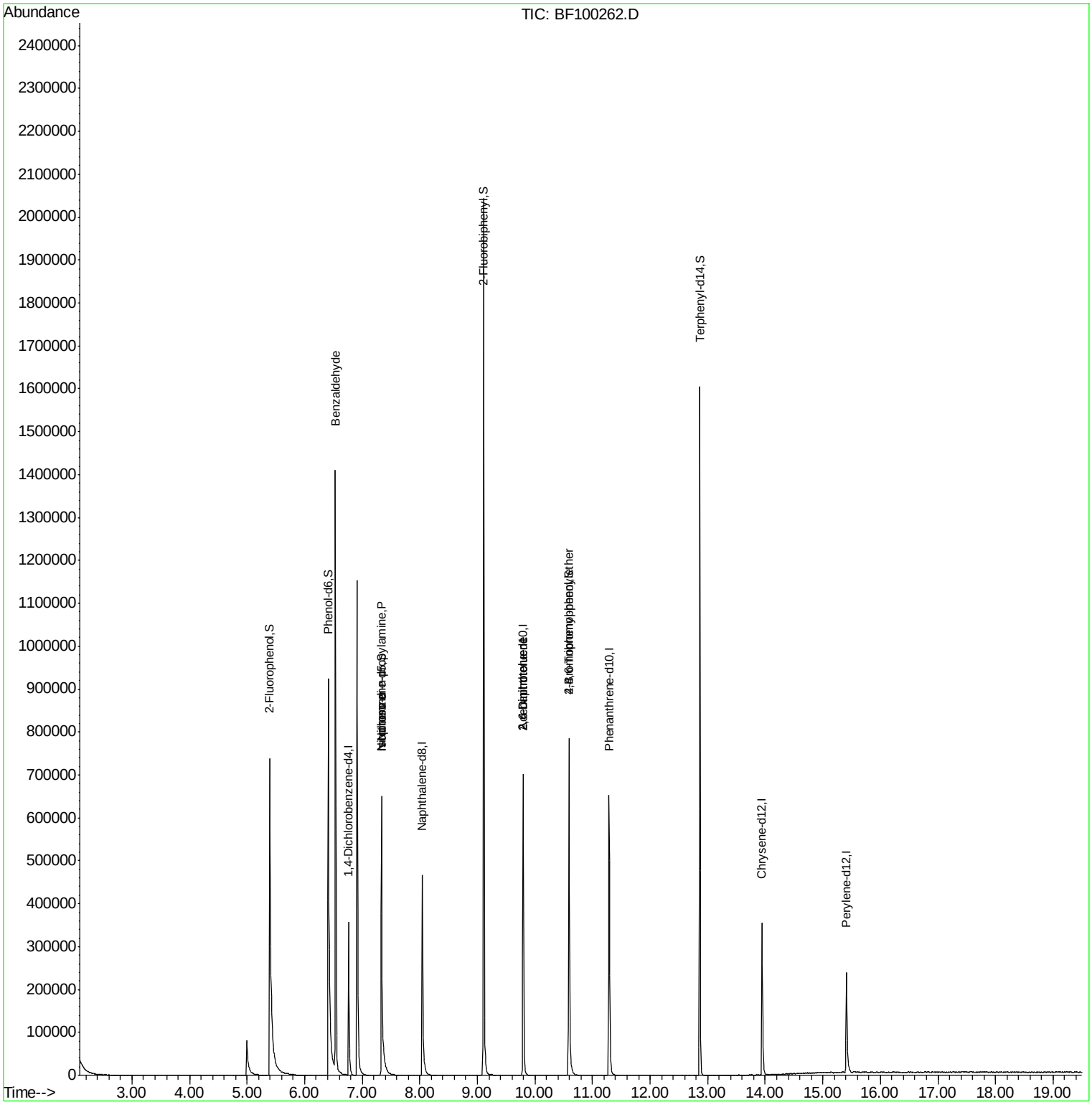
(#) = qualifier out of range (m) = manual integration (+) = signals summed

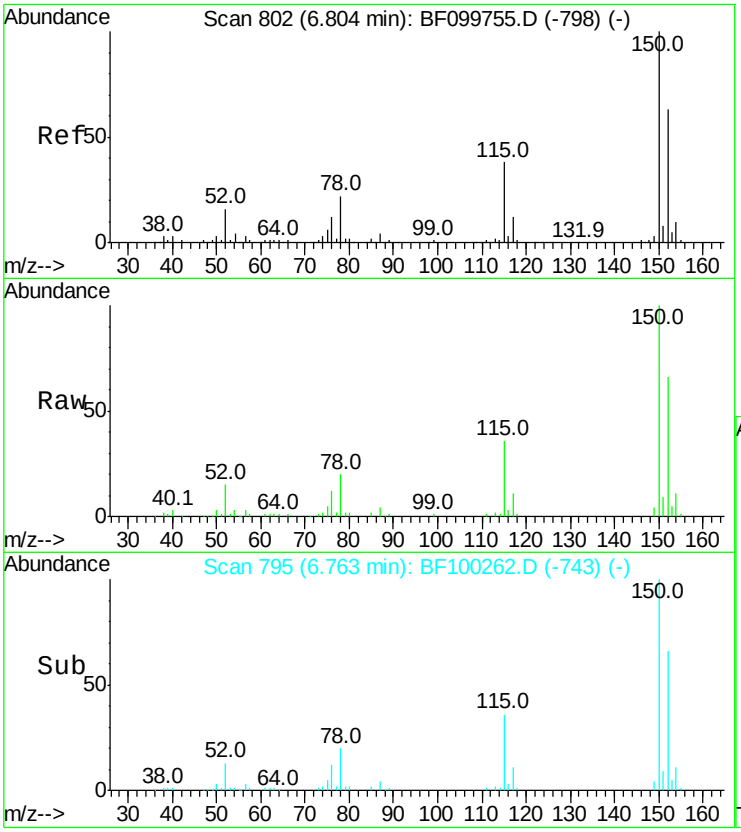
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100262.D
Acq On : 6 Nov 2017 20:27
Operator : SJ/JU
Sample : PB104022BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 00:19:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration



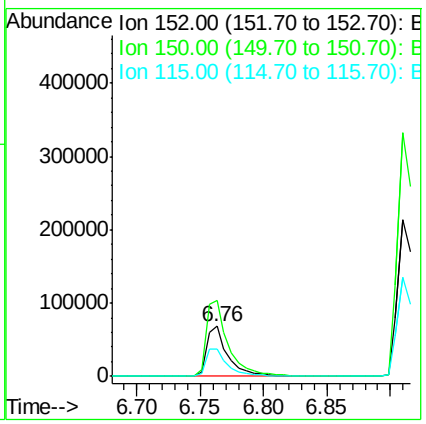


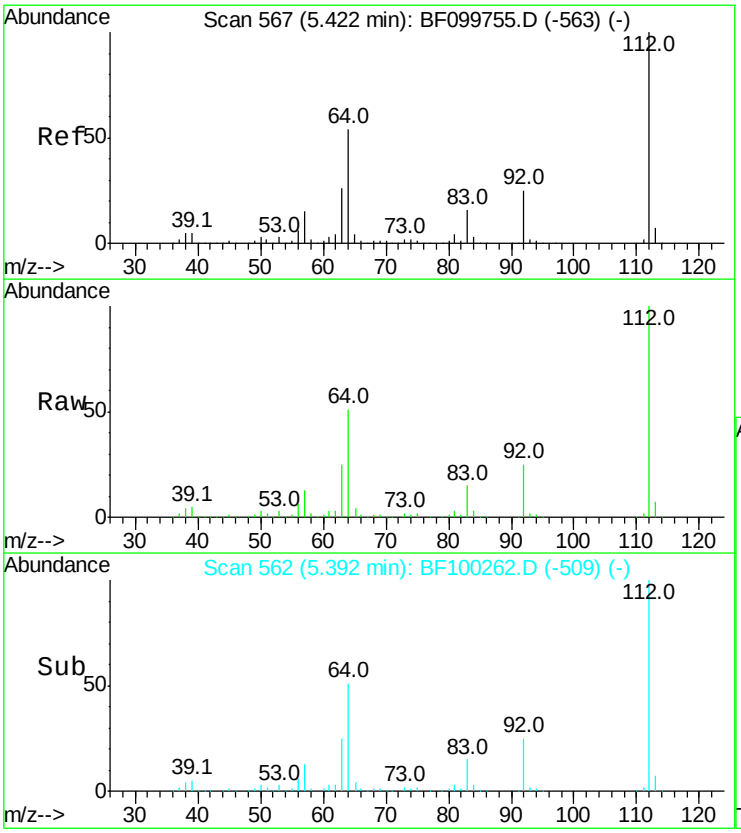
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80038

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	54.8	50.1	75.1

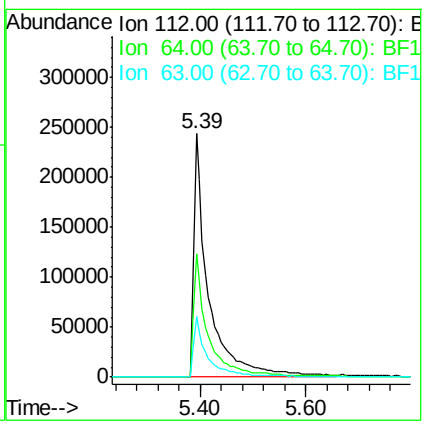


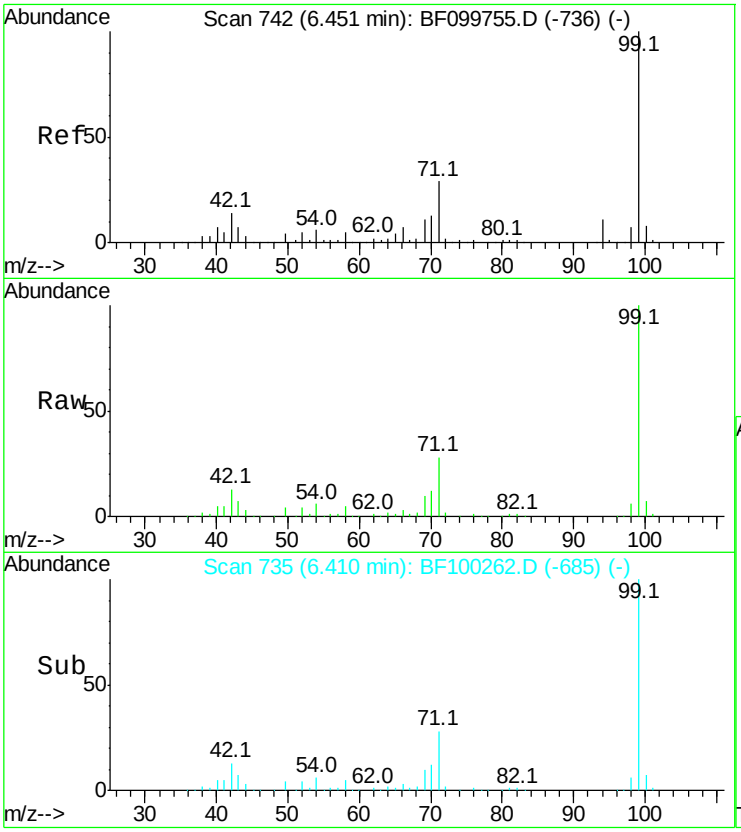


#5
2-Fluorophenol
Concen: 93.890 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:112 Resp: 478659

Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.8	23.7	35.5



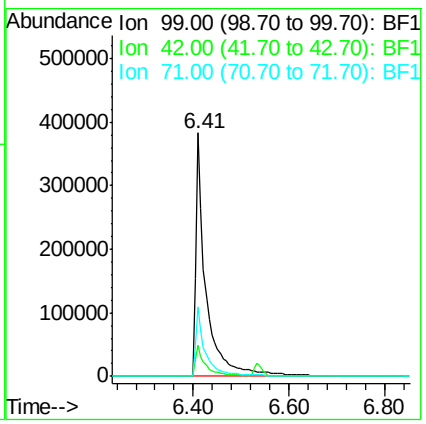


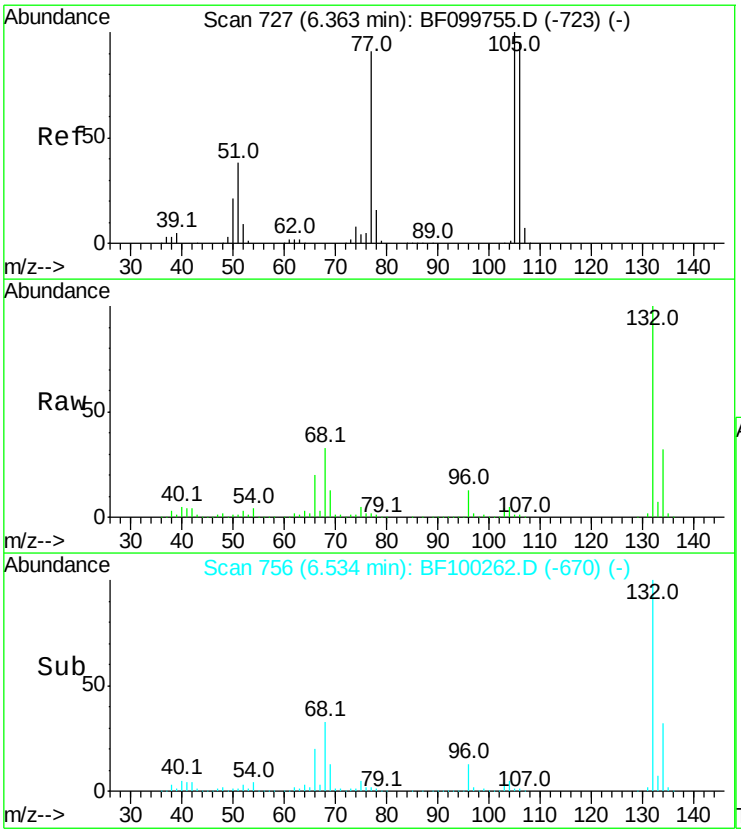
#7
Phenol-d6
Concen: 96.108 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 580960

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	28.4	25.4	38.0

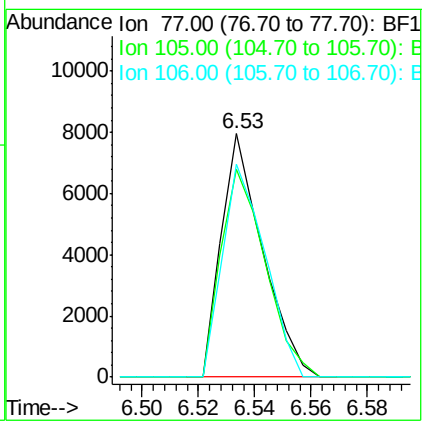


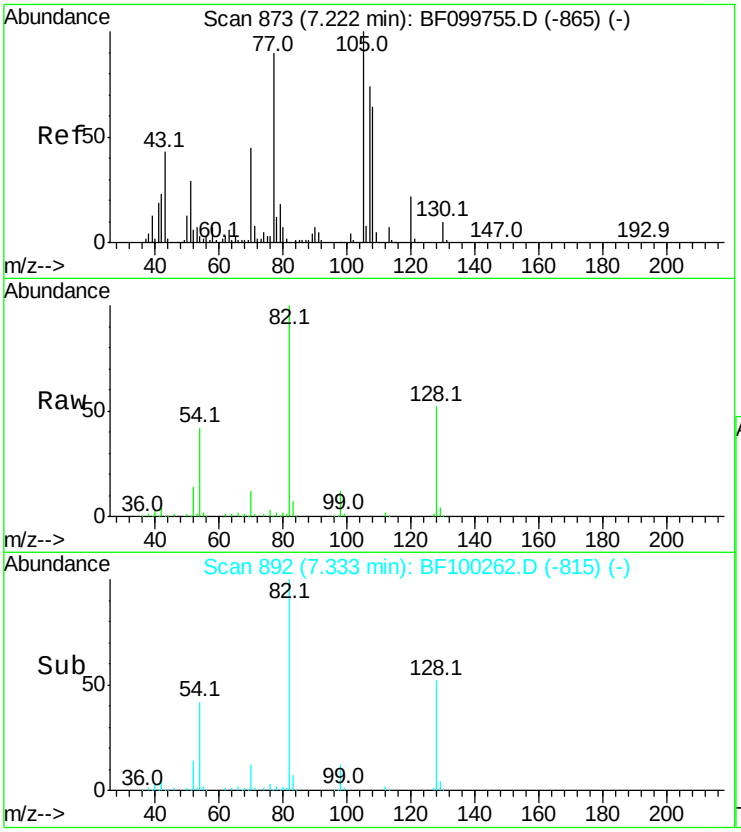


#9
Benzaldehyde
Concen: 2.239 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.21 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion: 77 Resp: 8087

Ion	Ratio	Lower	Upper
77	100		
105	85.5	81.1	121.1
106	87.2	74.5	114.5



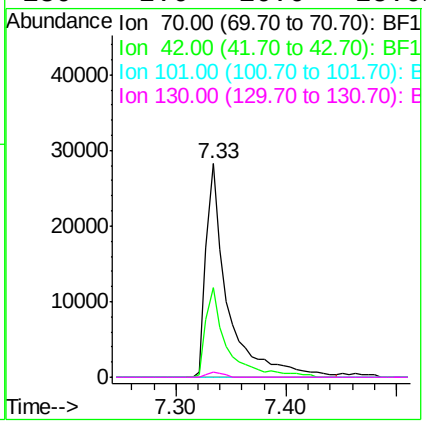


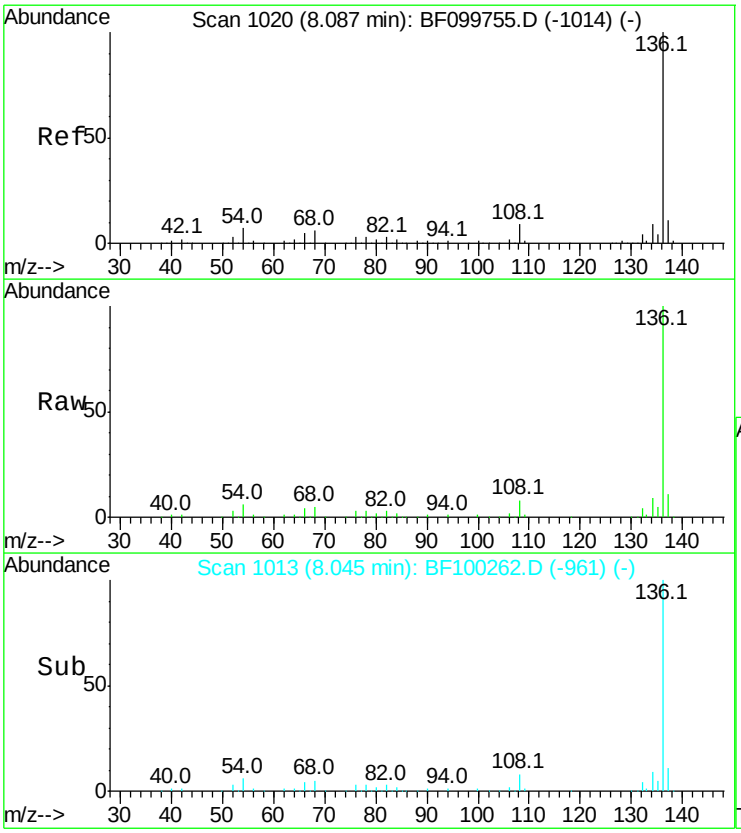
#19
n-Nitroso-di-n-propylamine
Concen: 10.623 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 37630

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

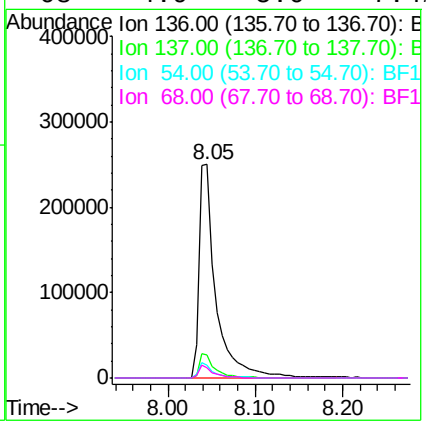


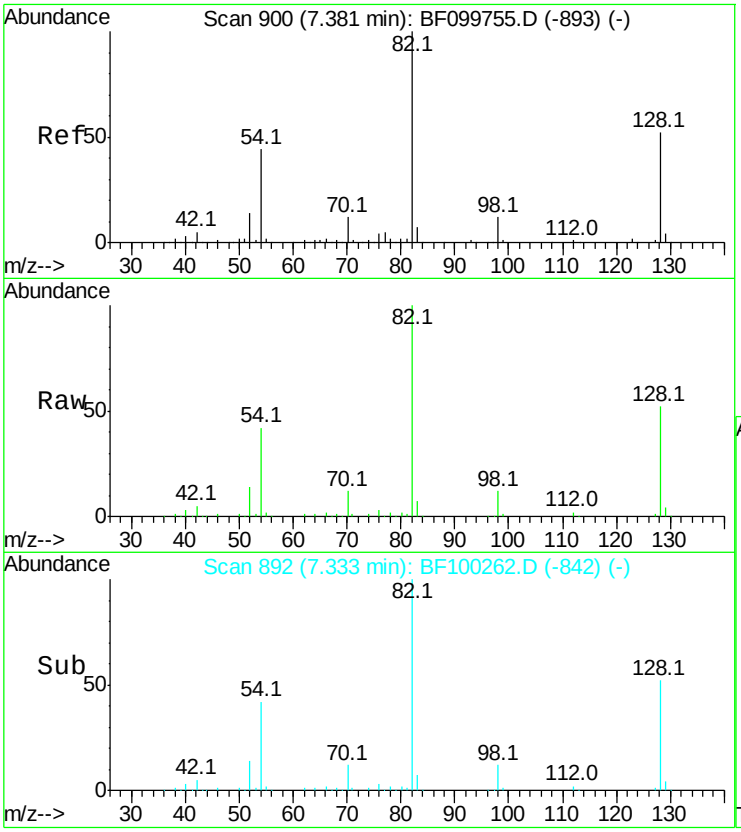


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:136 Resp: 336084

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.8	6.6	9.8#
68	4.9	5.0	7.4#



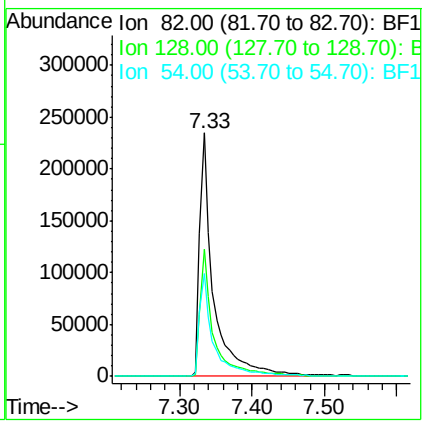


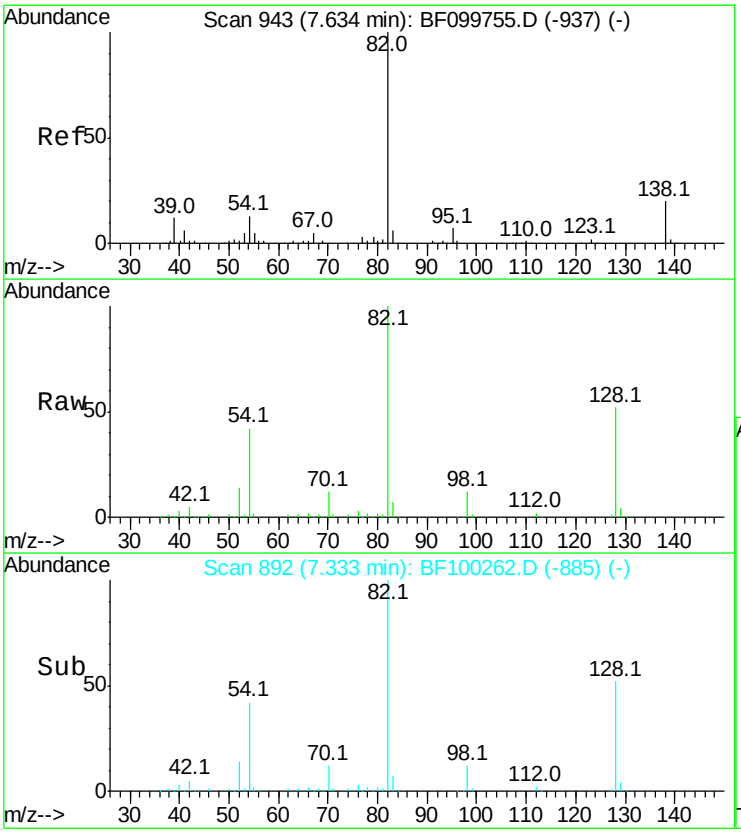
#23
Nitrobenzene-d5
Concen: 60.327 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 314923

Ion	Ratio	Lower	Upper
82	100		
128	52.0	36.1	54.1
54	42.1	41.4	62.2

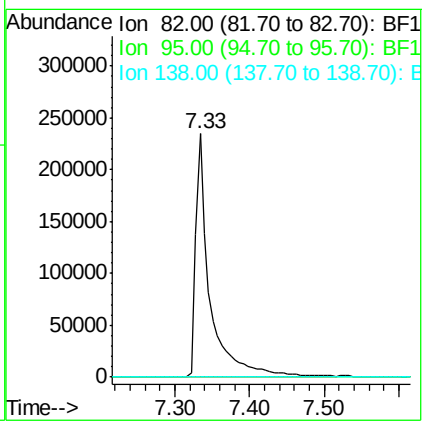


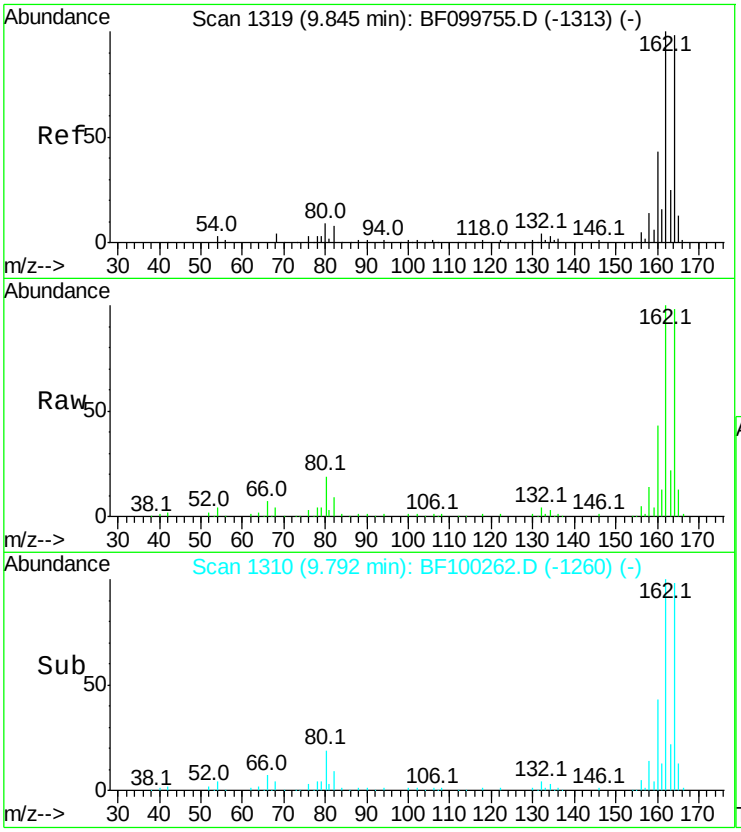


#25
Isophorone
Concen: 33.245 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion: 82 Resp: 314920

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



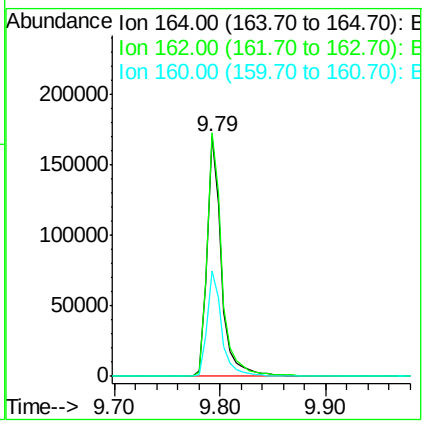


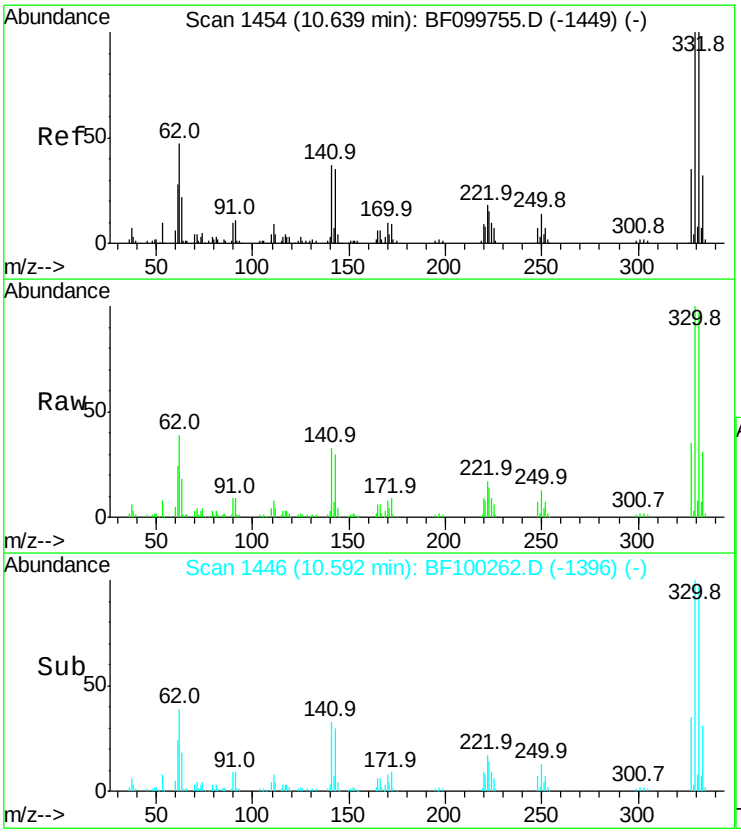
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 161435

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	43.9	38.3	57.5

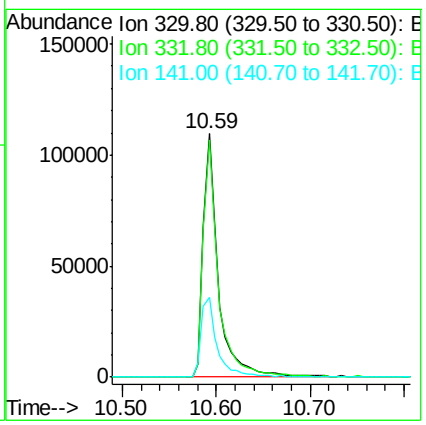


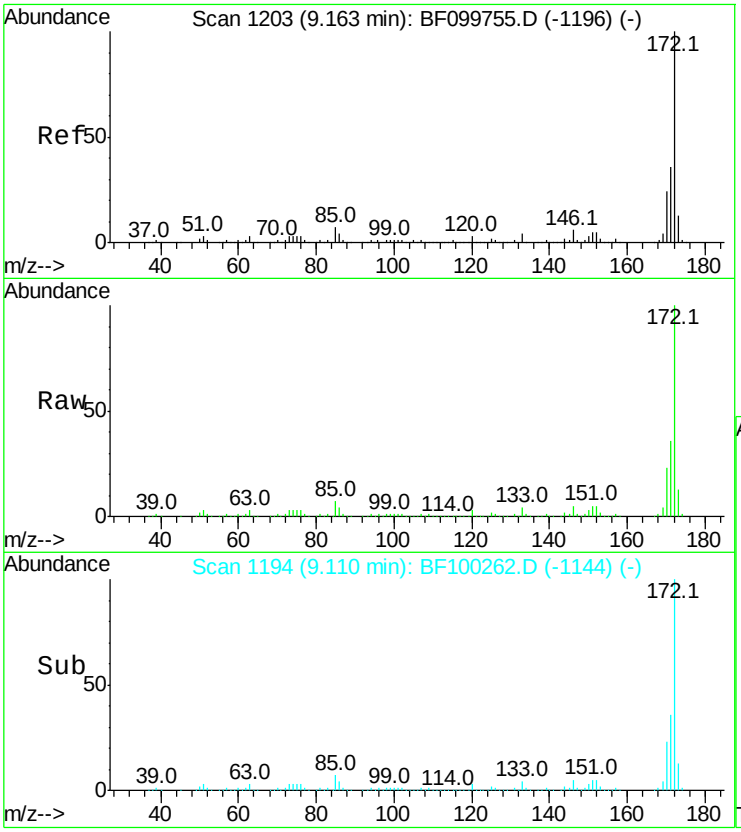


#41
2,4,6-Tribromophenol
Concen: 84.054 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:330 Resp: 123659

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	35.0	29.9	44.9



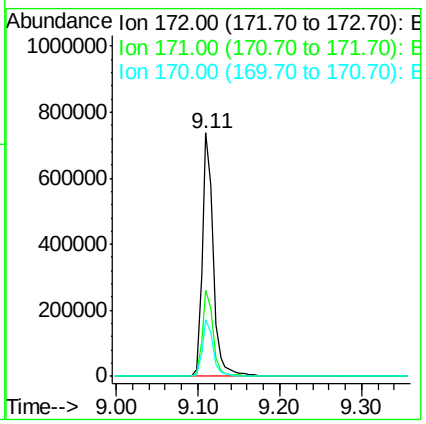


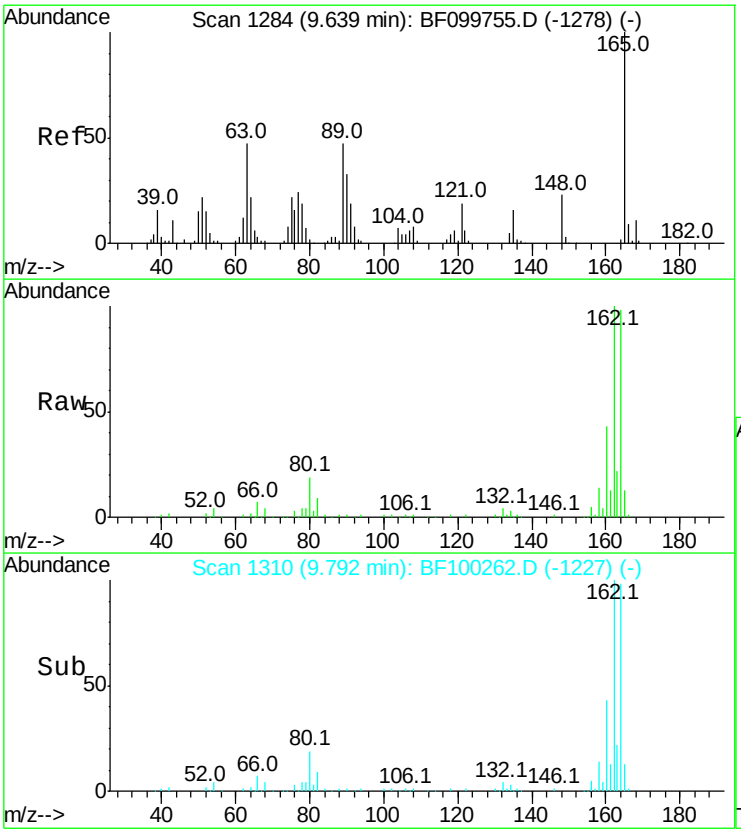
#44
2-Fluorobiphenyl
Concen: 66.457 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 695377

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

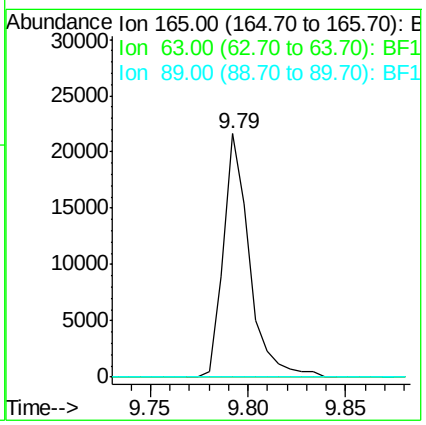


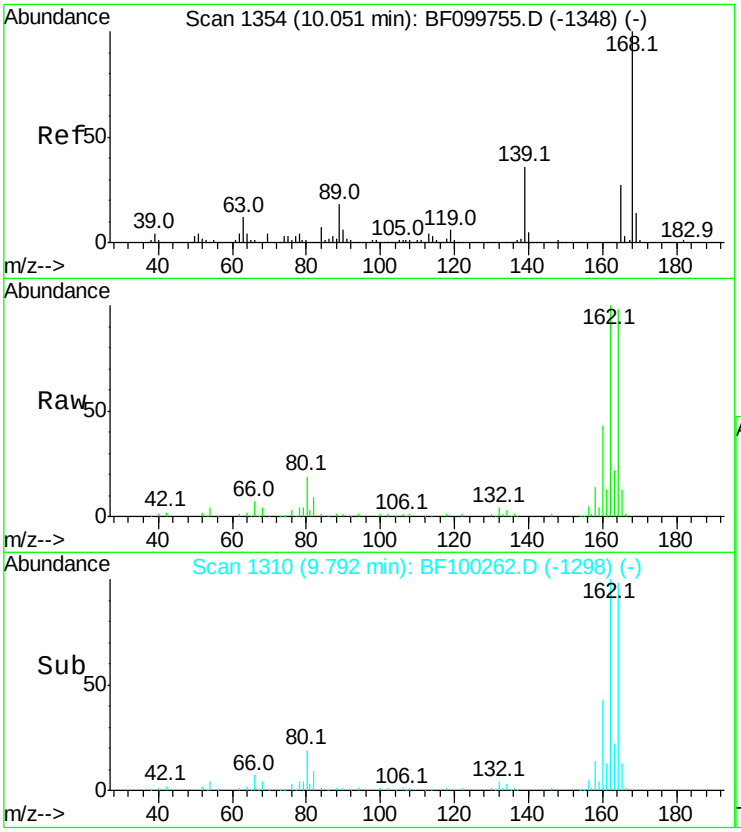


#50
2,6-Dinitrotoluene
Concen: 7.435 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:165 Resp: 19982

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



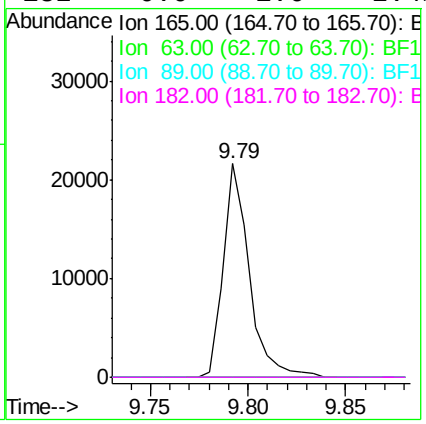


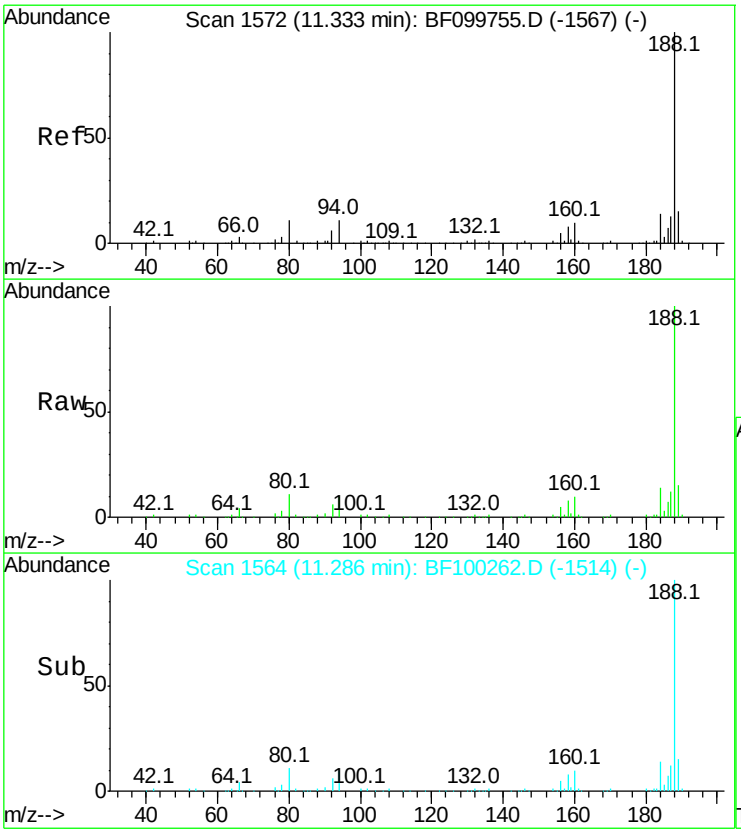
#56
2,4-Dinitrotoluene
Concen: 6.174 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.23 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19982

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

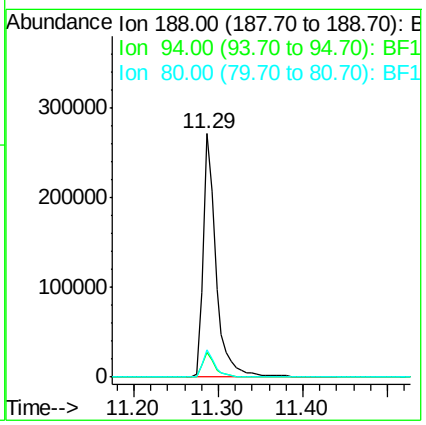


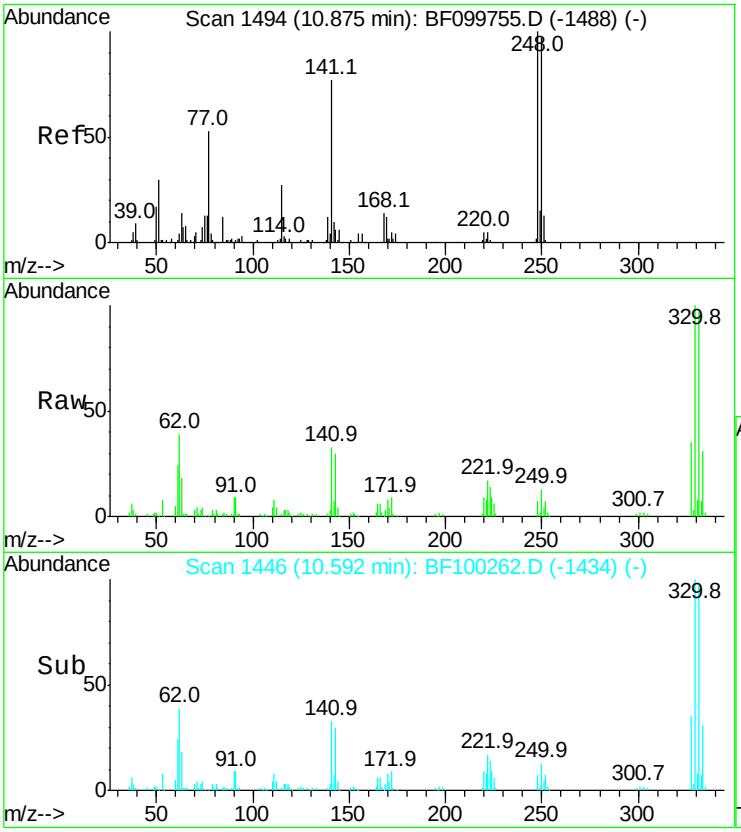


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:188 Resp: 286685

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8



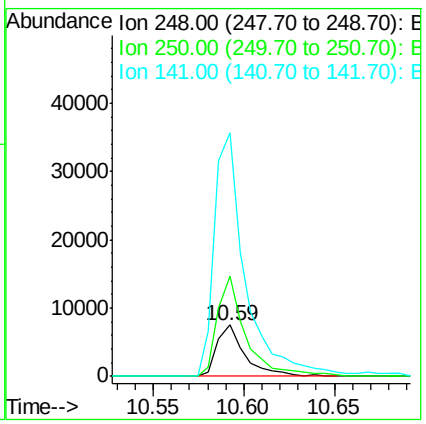


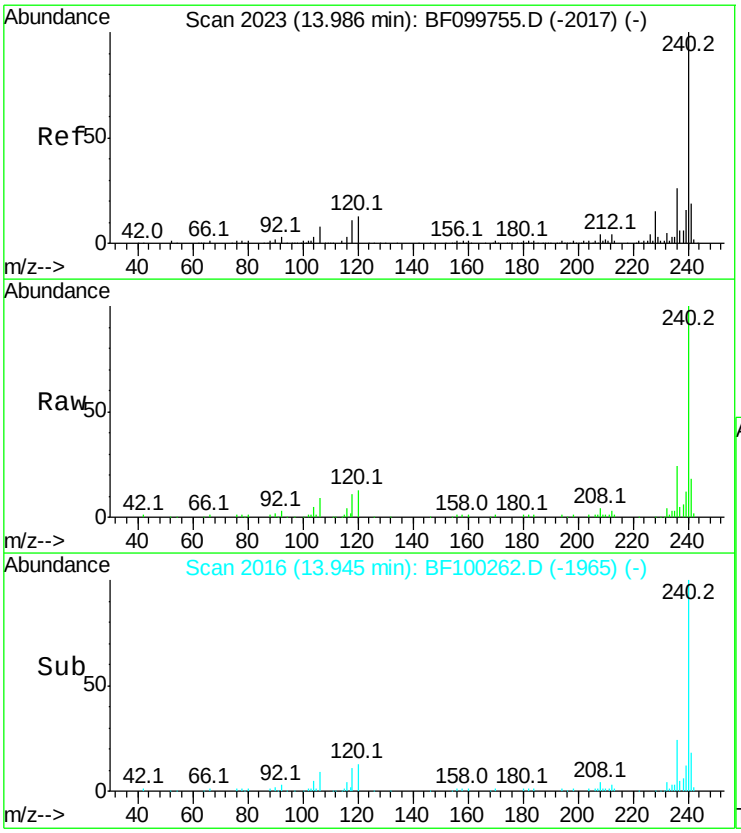
#66
4-Bromophenyl-phenylether
Concen: 2.689 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8116

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	476.0	74.4	111.6#

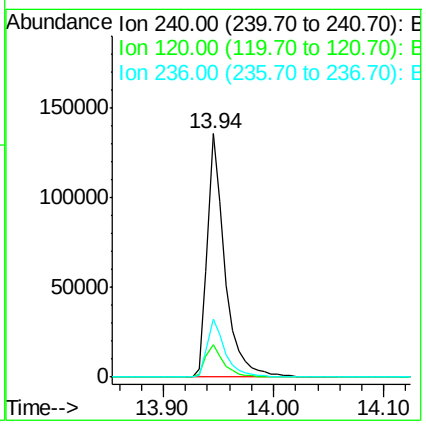


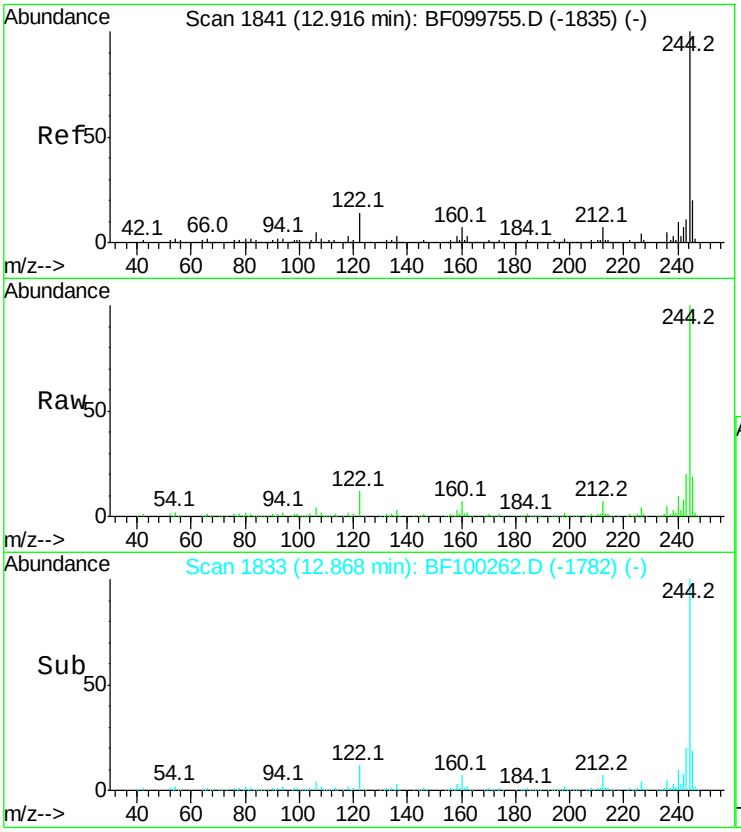


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:240 Resp: 147141

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	23.6	20.7	31.1



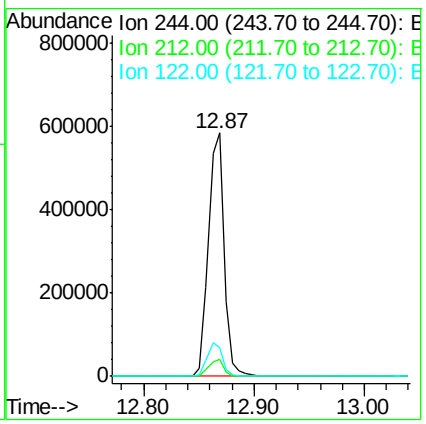


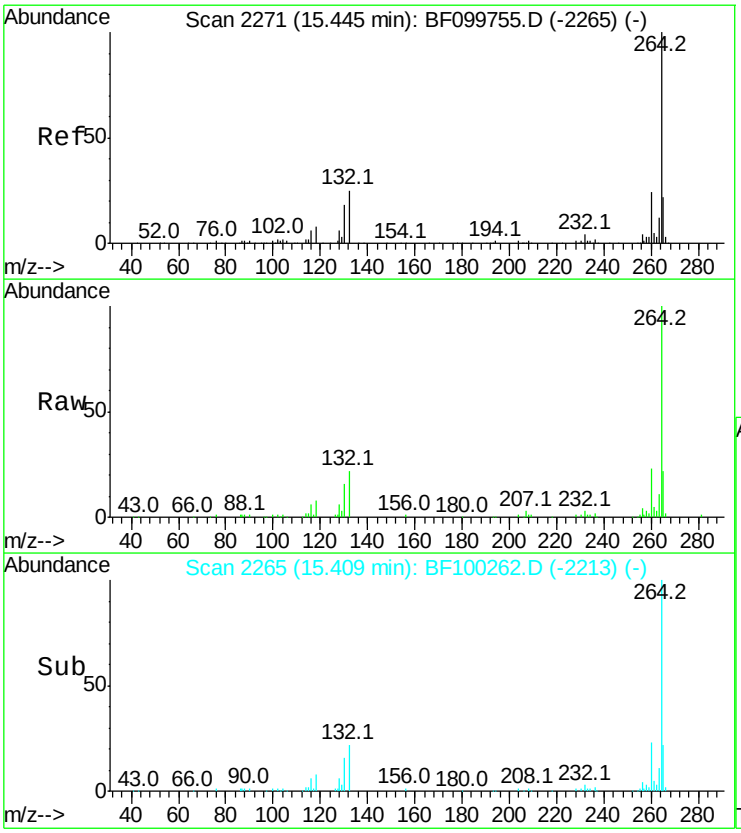
#78
Terphenyl-d14
Concen: 83.361 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 561271

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:264 Resp: 140676

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	17.5	26.3