Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

Data File : BF100736.D
Acq On : 20 Nov 2017 18:05
Operator : SJ/JU
Sample : PB104390BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104390BL

Quant Time: Nov 21 03:27:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	90536	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	357067	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	169469	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	342860	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	274163	20.00	ng	-0.02
86) Perylene-d12	15.50	264	200081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	499541	88.45	ng	0.00
7) Phenol-d6	6.49	99	593464	85.21	ng	-0.02
23) Nitrobenzene-d5	7.43	82	364909	67.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	169698	98.27	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	776805	69.80	ng	-0.01
78) Terphenyl-d14	12.98	244	800917	67.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	10366	2.08	ng	83
19) n-Nitroso-di-n-propylamine	7.43	70	46887	9.71	ng	# 78
25) Isophorone	7.43	82	364905	32.15	ng	# 64
47) 2-Nitroaniline	9.22	65	918	3.06	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	21023	8.21	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	21023	6.51	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	244	8.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10667	2.90	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

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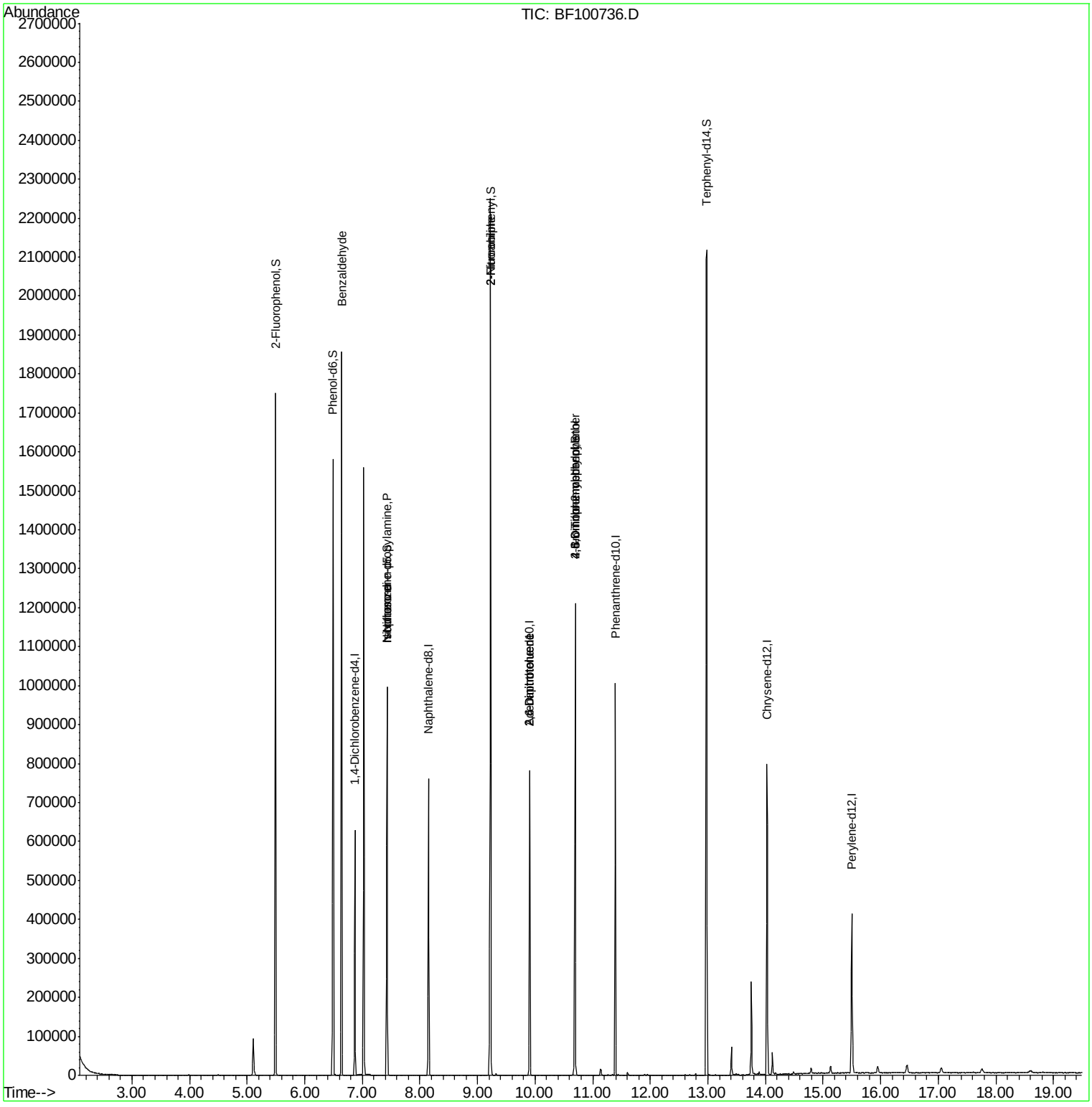
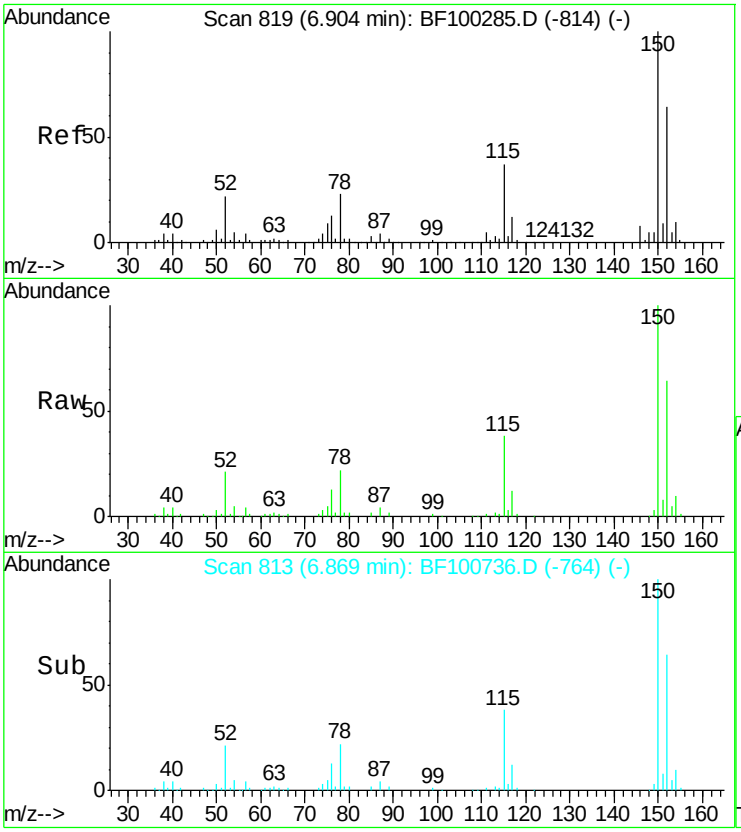


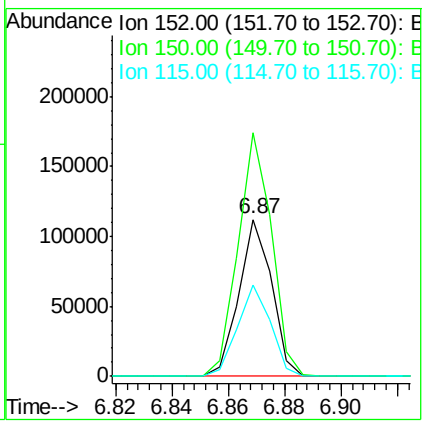


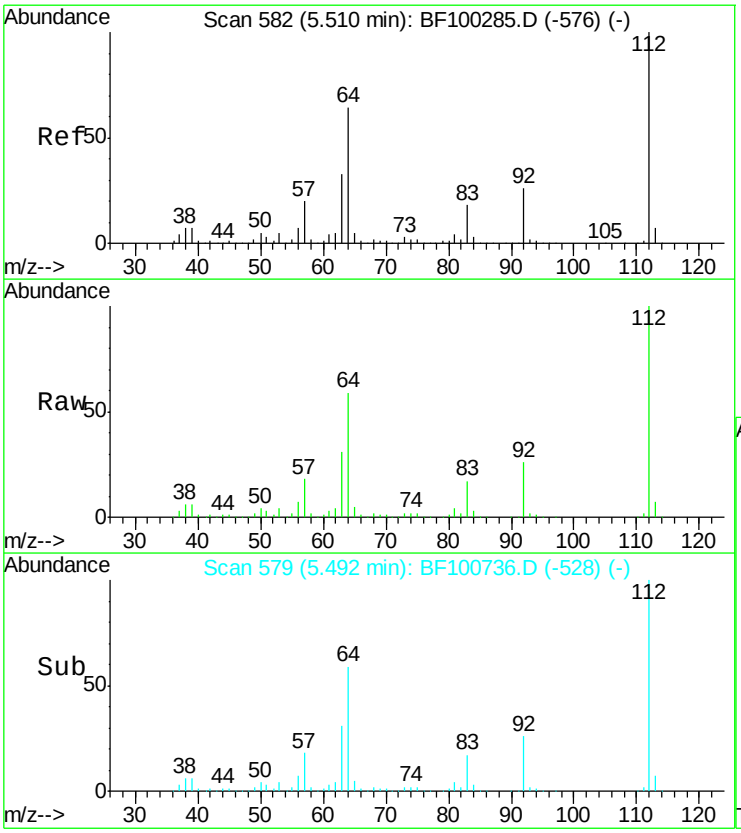
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:152 Resp: 90536

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.3	50.1	75.1

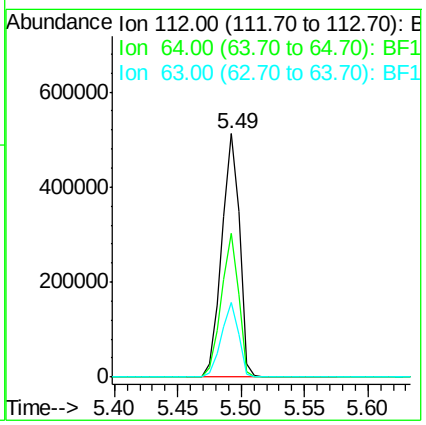


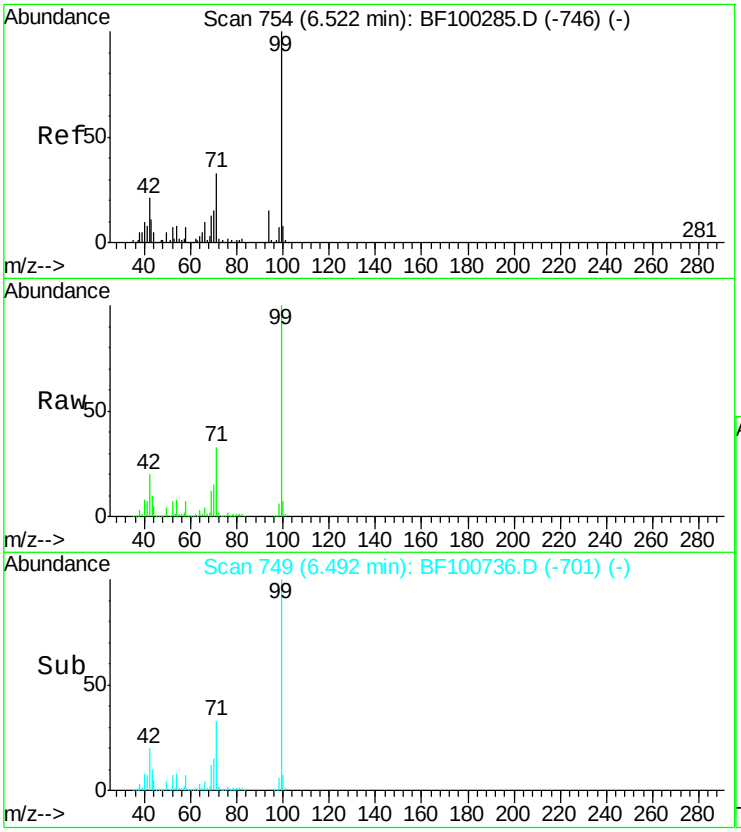


#5
2-Fluorophenol
Concen: 88.45 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:112 Resp: 499541

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.6	23.7	35.5



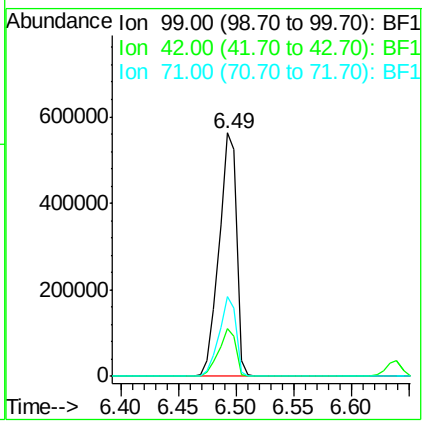


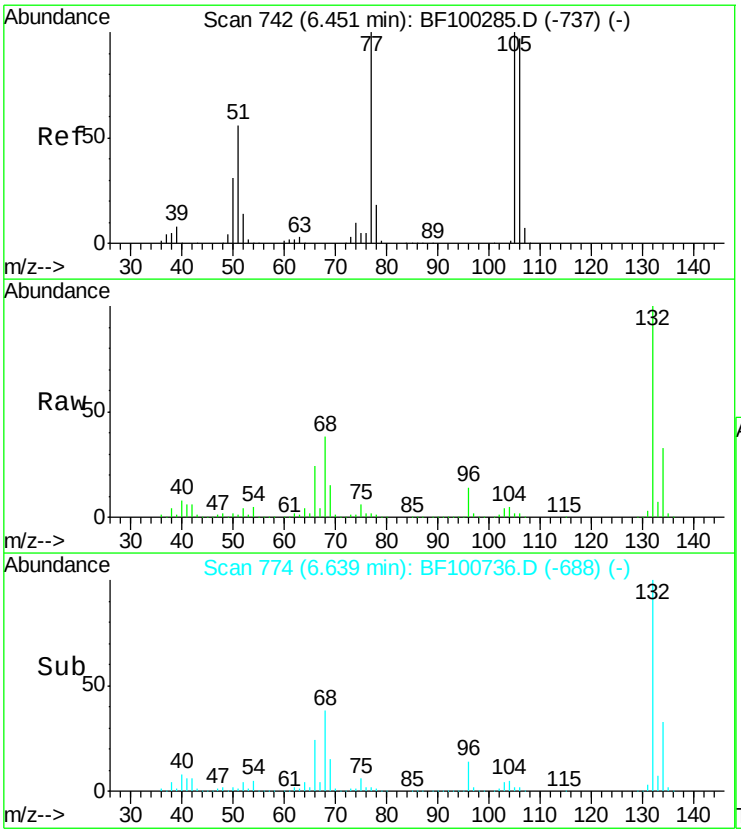
#7
Phenol-d6
Concen: 85.21 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion: 99 Resp: 593464

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.0	25.4	38.0

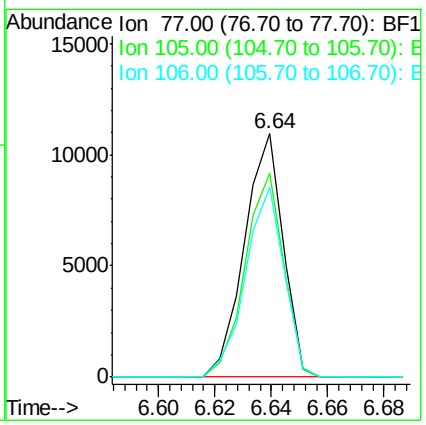


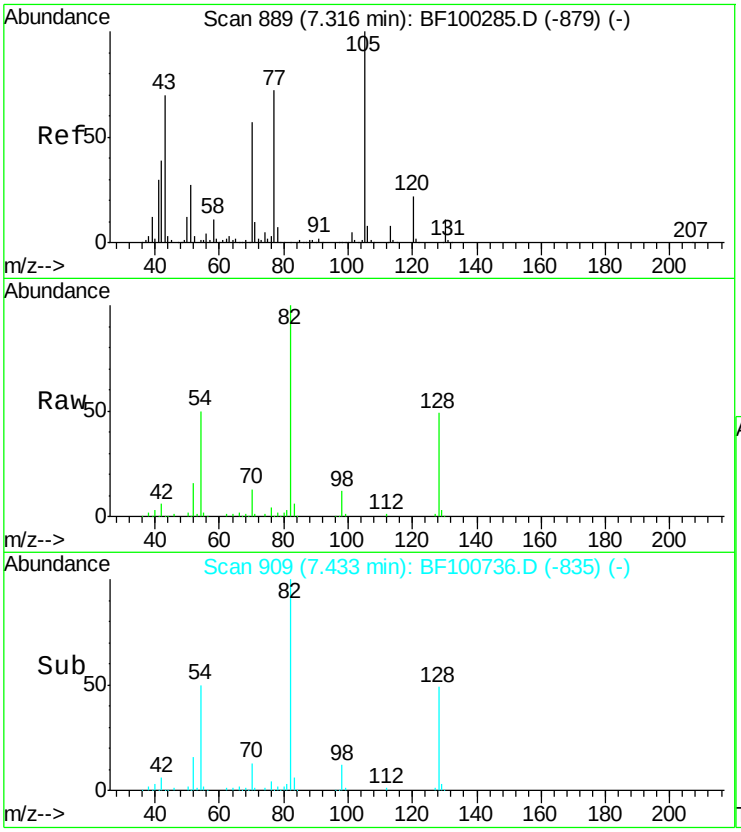


#9
Benzaldehyde
Concen: 2.08 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.21 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion: 77 Resp: 10366

Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	78.0	74.5	114.5



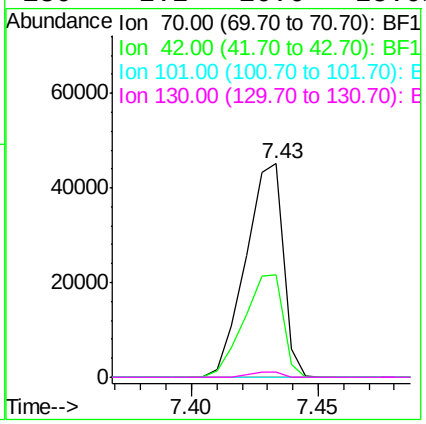


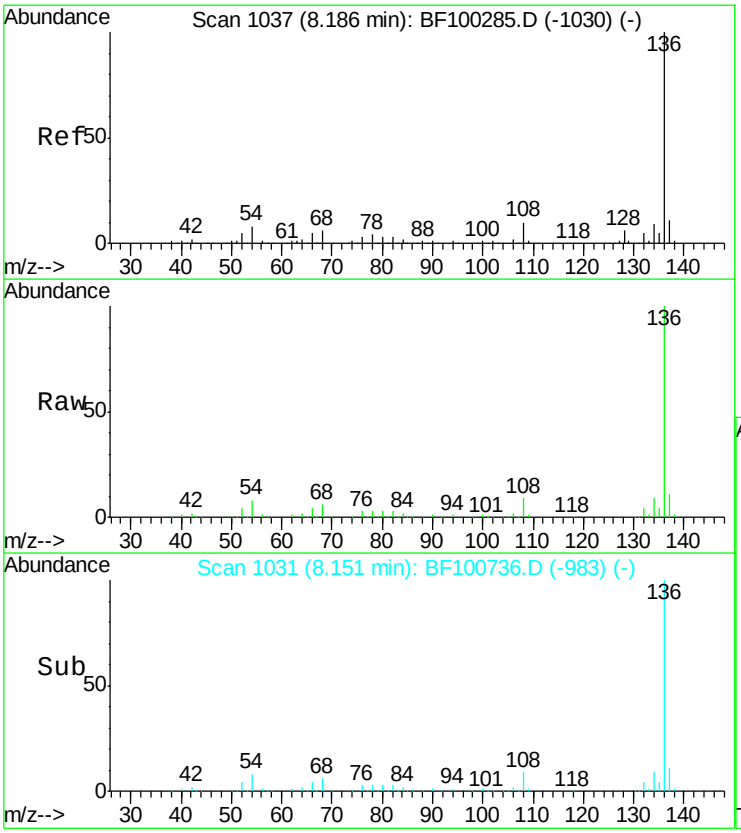
#19
n-Nitroso-di-n-propylamine
Concen: 9.71 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion: 70 Resp: 46887

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

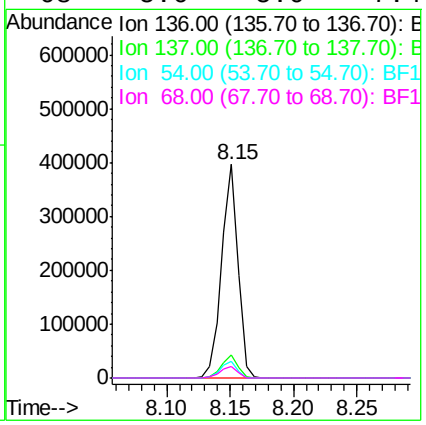


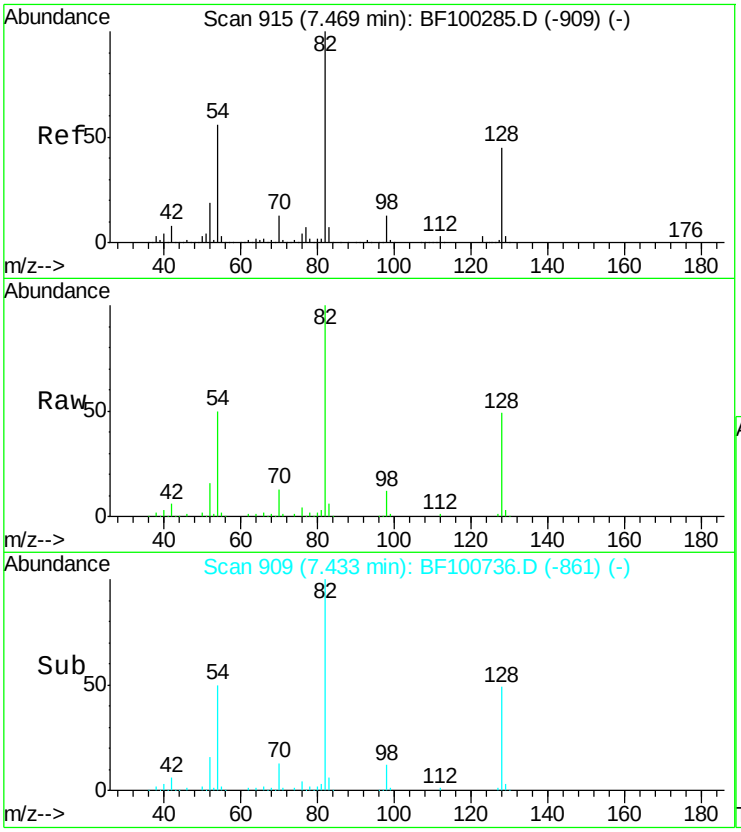


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:136 Resp: 357067

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	5.6	5.0	7.4



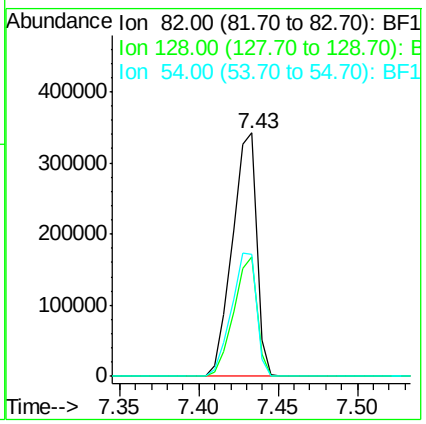


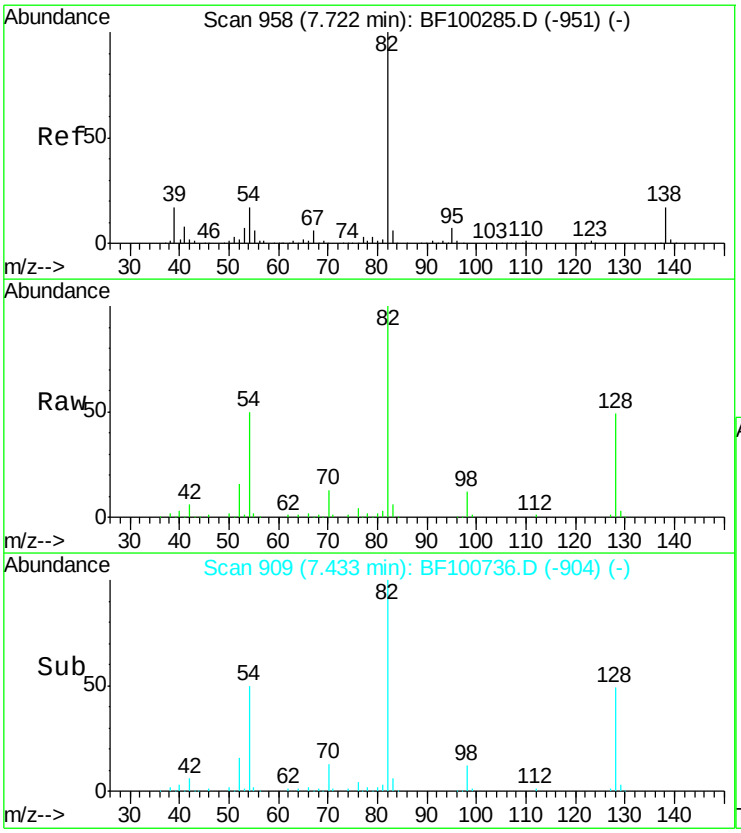
#23
Nitrobenzene-d5
Concen: 67.57 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion: 82 Resp: 364909

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	50.1	41.4	62.2

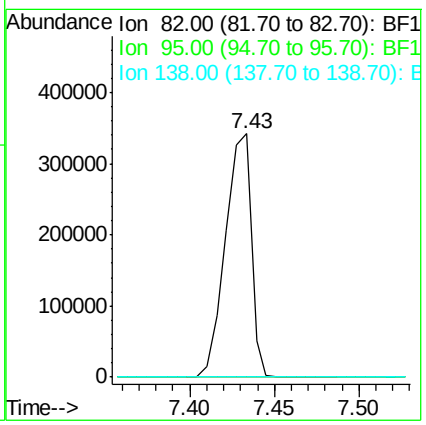


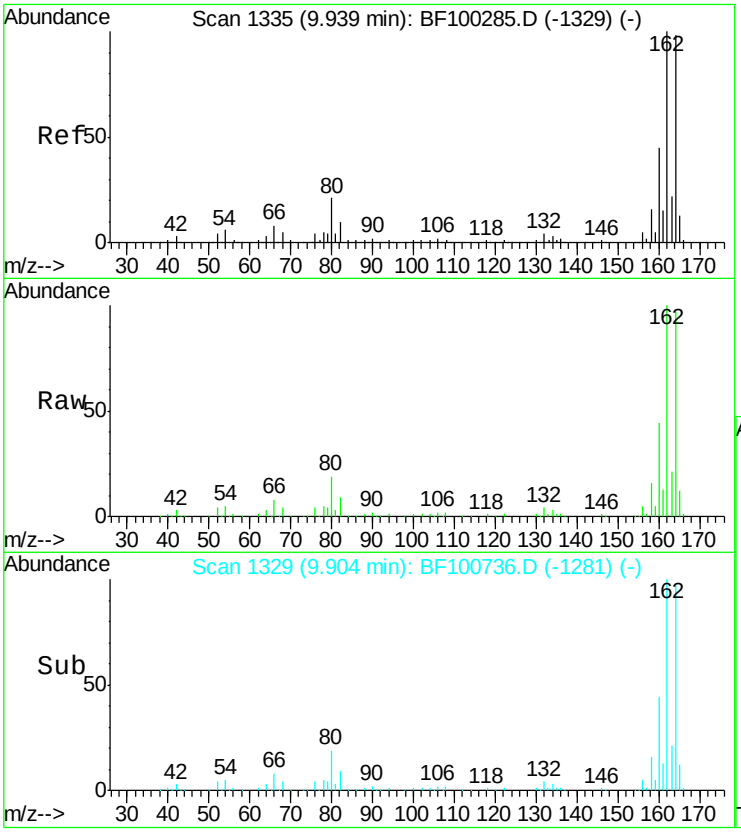


#25
Isophorone
Concen: 32.15 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion: 82 Resp: 364905

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



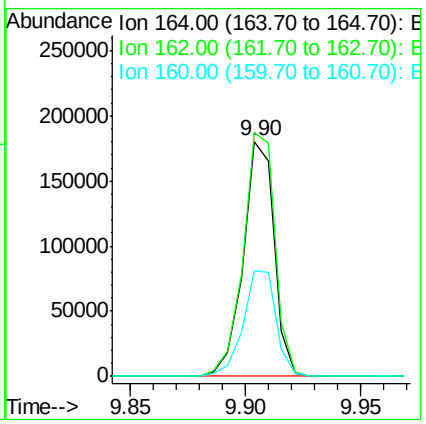


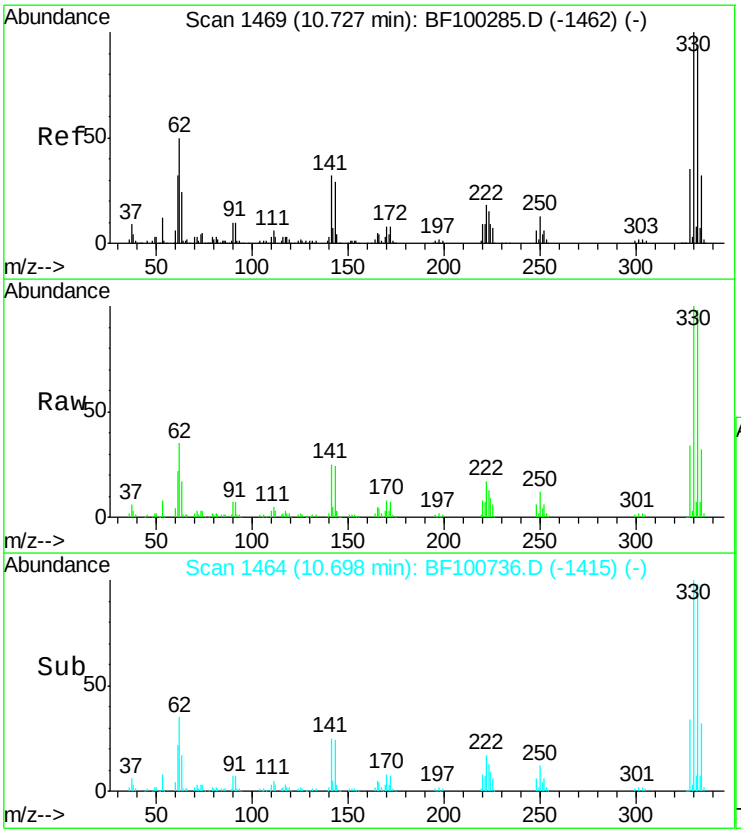
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:164 Resp: 169469

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.1	38.3	57.5

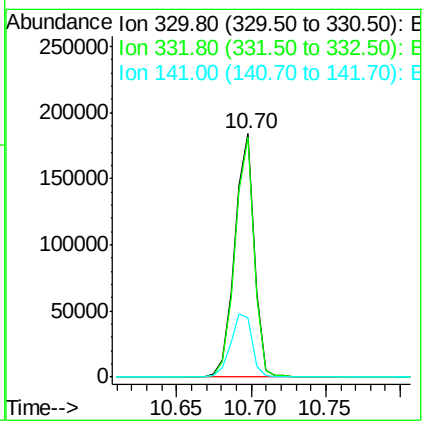


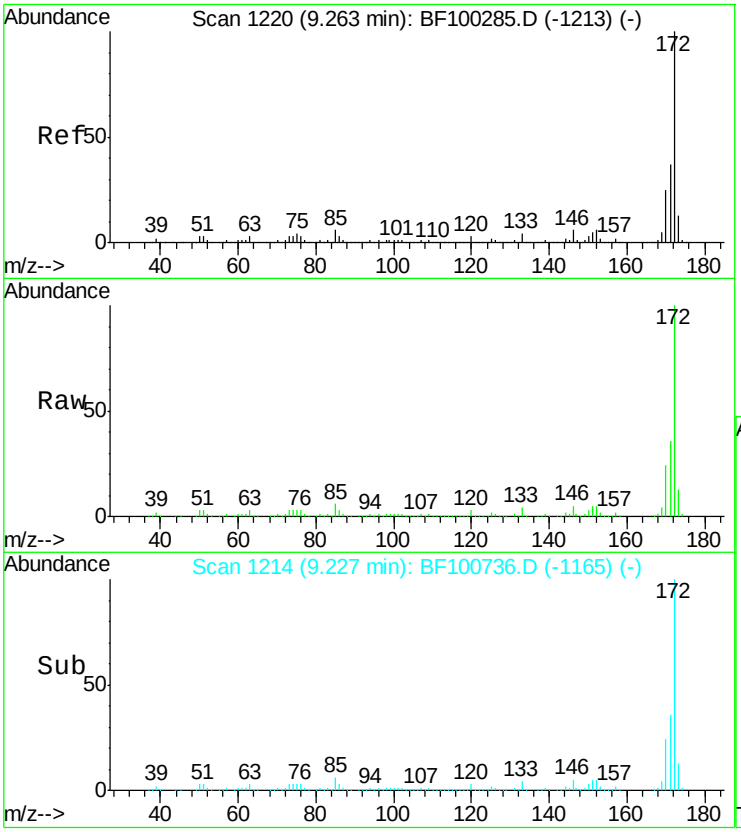


#41
2,4,6-Tribromophenol
Concen: 98.27 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:330 Resp: 169698

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.6	29.9	44.9#



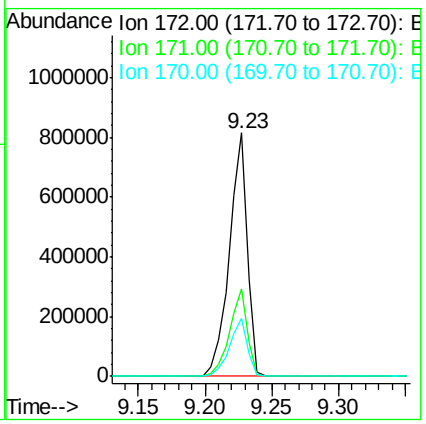


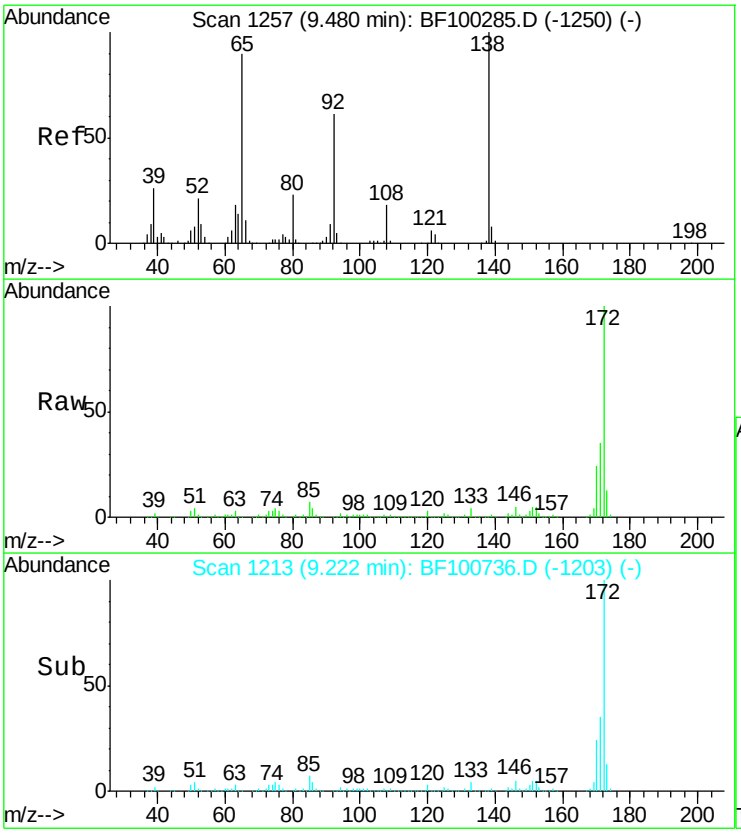
#44
2-Fluorobiphenyl
Concen: 69.80 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:172 Resp: 776805

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

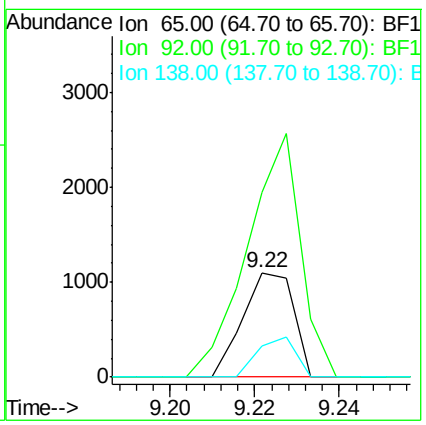


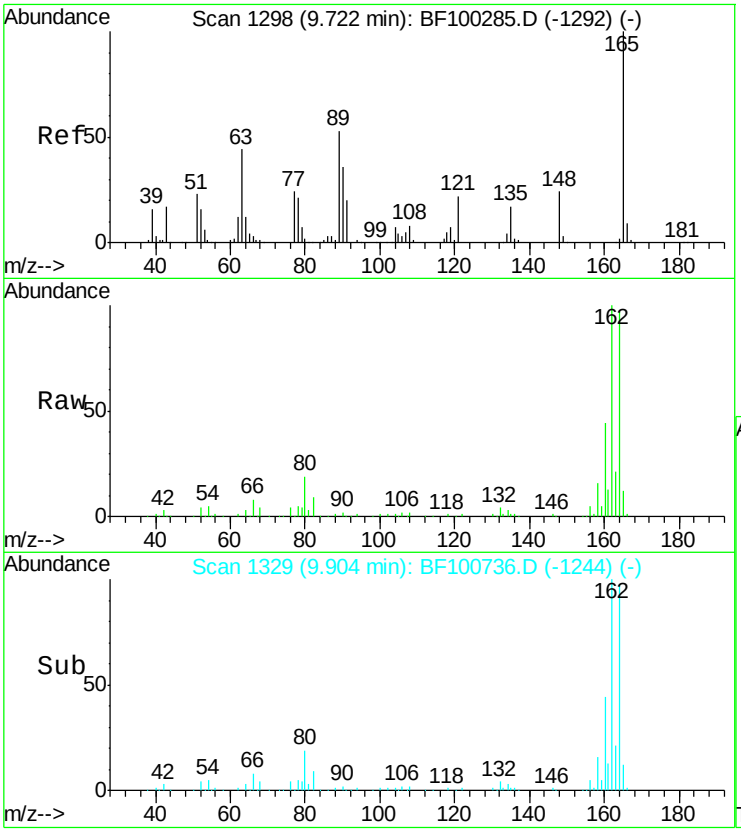


#47
2-Nitroaniline
Concen: 3.06 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.24 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion: 65 Resp: 918

Ion	Ratio	Lower	Upper
65	100		
92	177.1	55.8	83.6#
138	29.2	91.2	136.8#



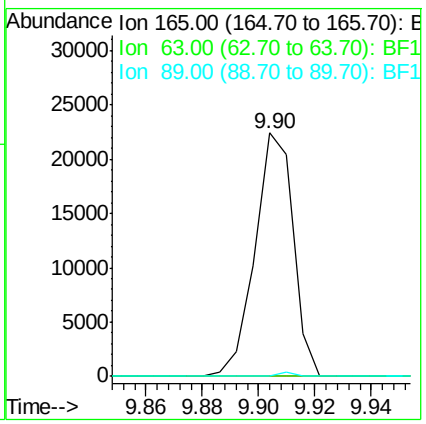


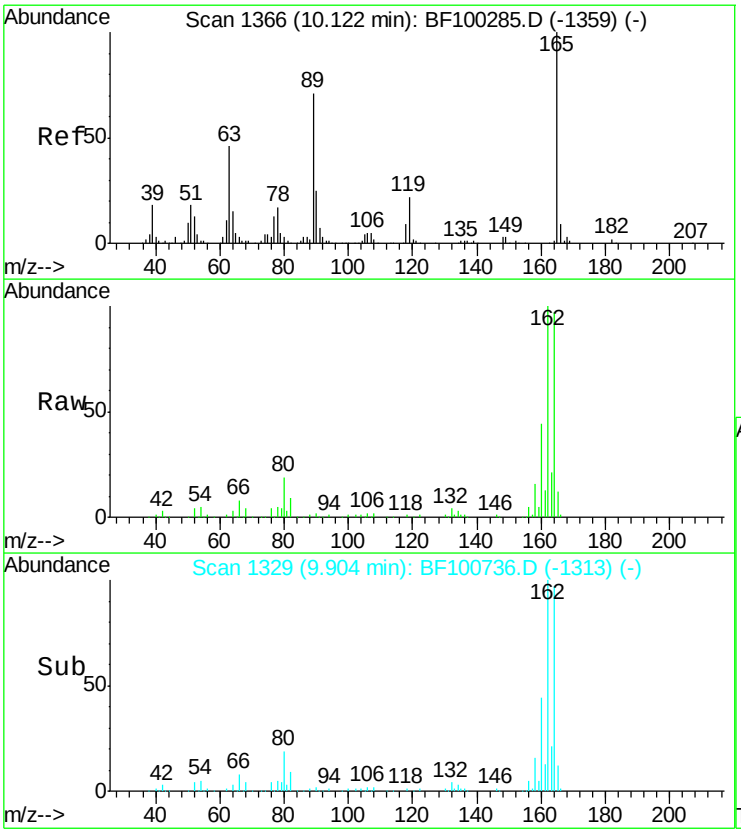
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:165 Resp: 21023

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

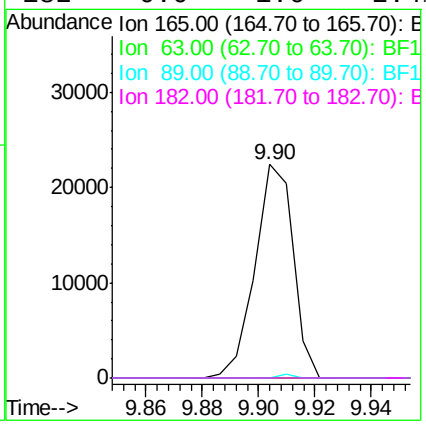


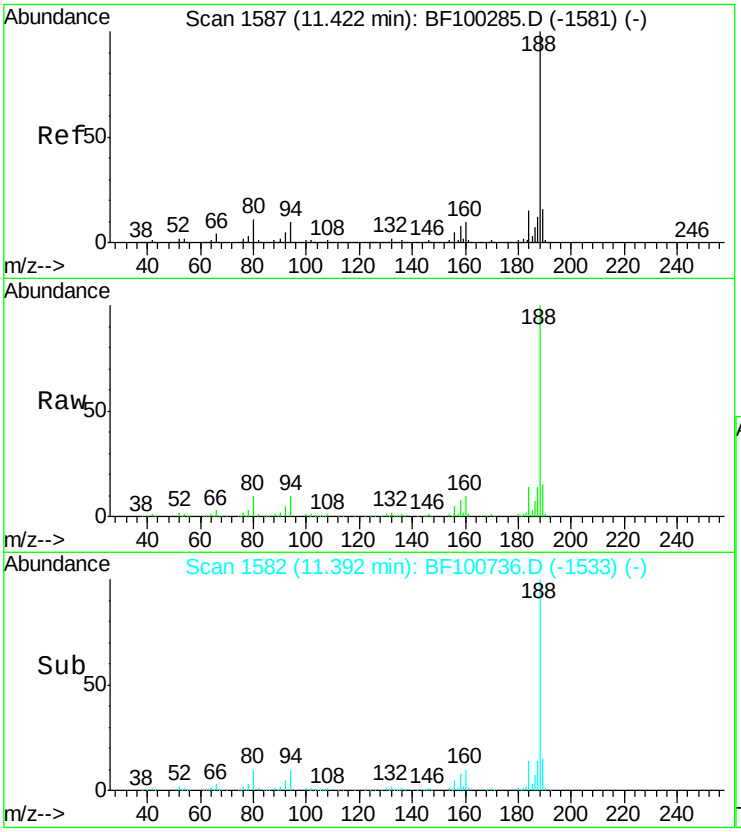


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:165 Resp: 21023

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#



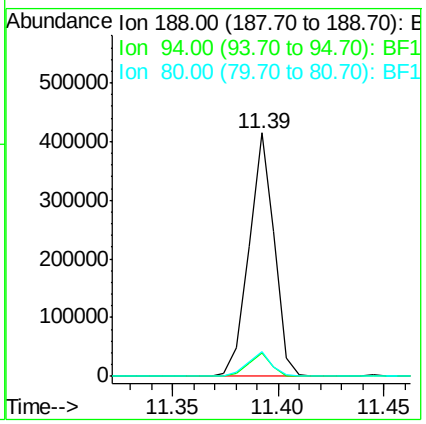


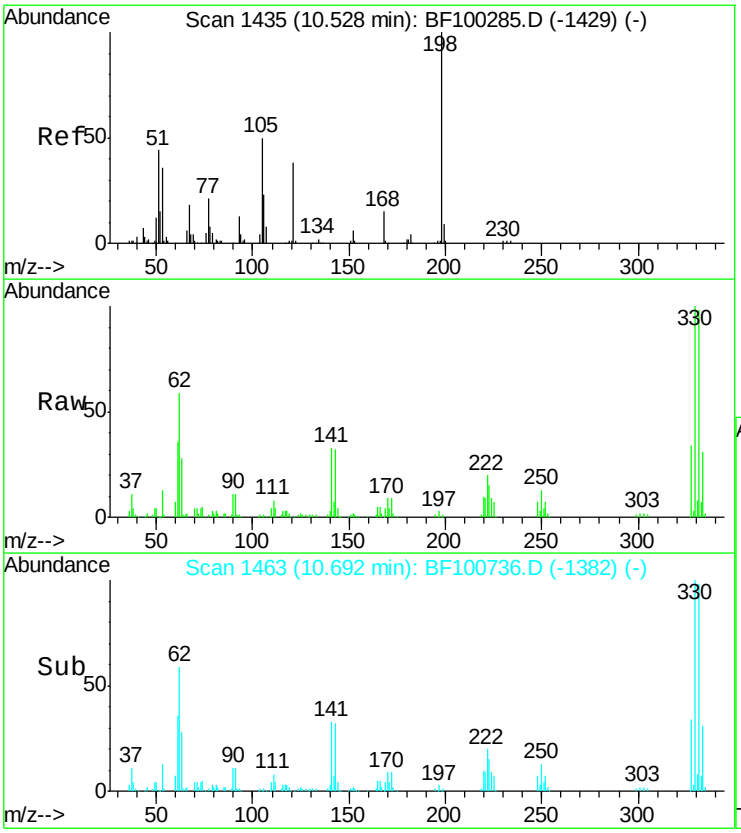
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:188 Resp: 342860

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

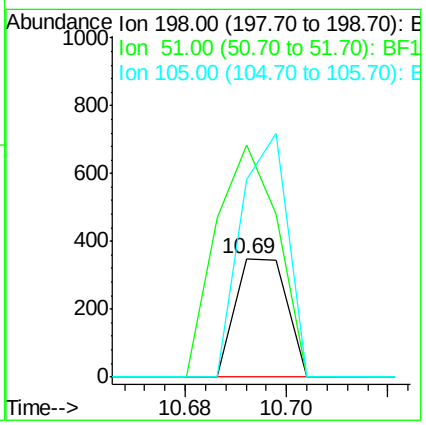


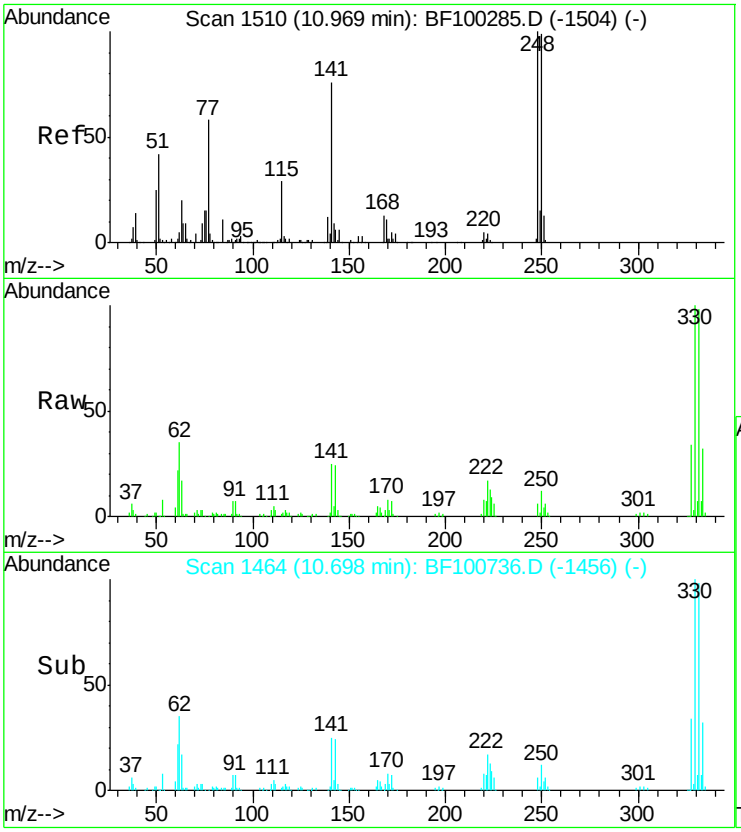


#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.18 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:198 Resp: 244

Ion	Ratio	Lower	Upper
198	100		
51	196.3	37.7	77.7#
105	166.5	36.3	76.3#



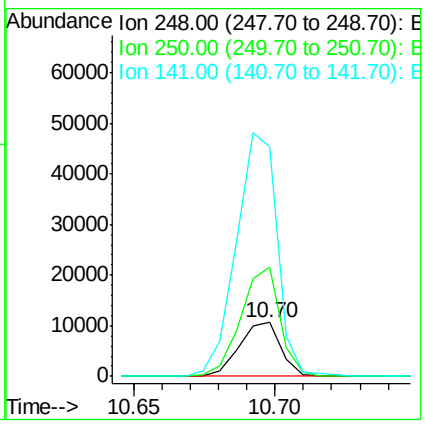


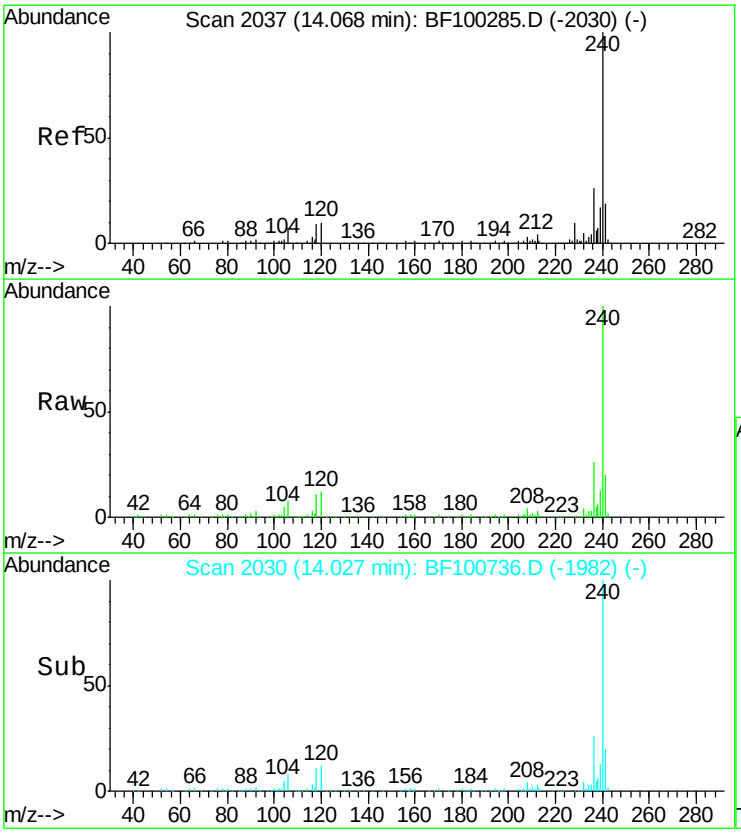
#66
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:248 Resp: 10667

Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.9	115.3#
141	425.7	74.4	111.6#

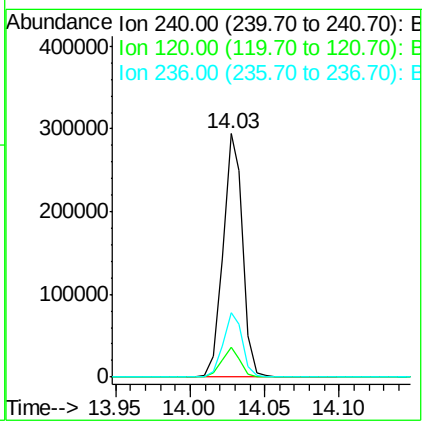


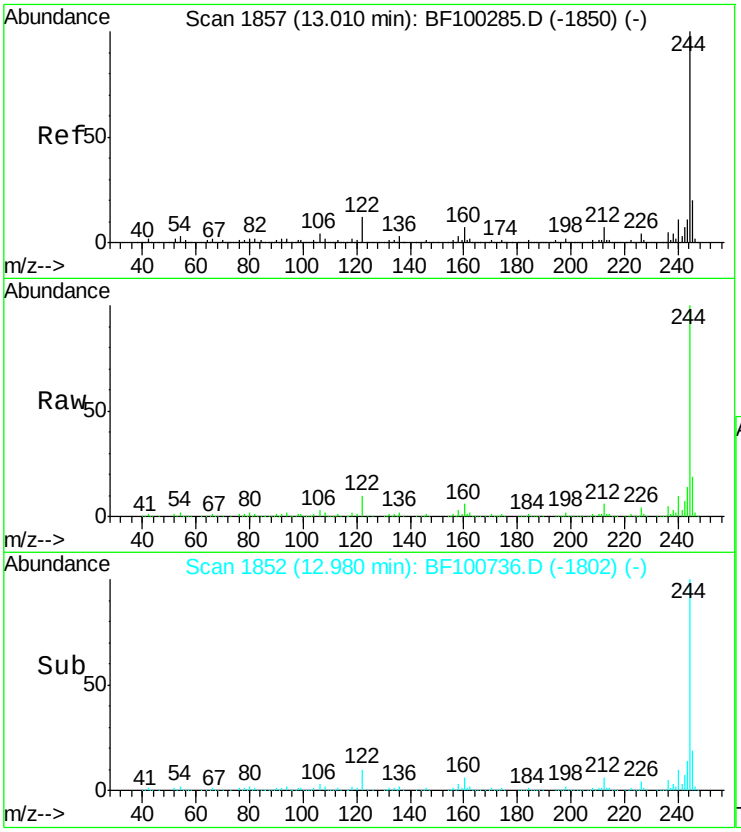


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:240 Resp: 274163

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.4	20.7	31.1



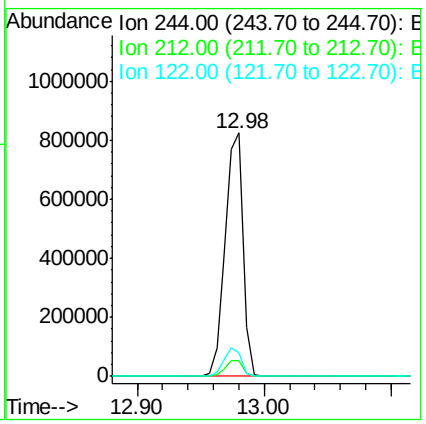


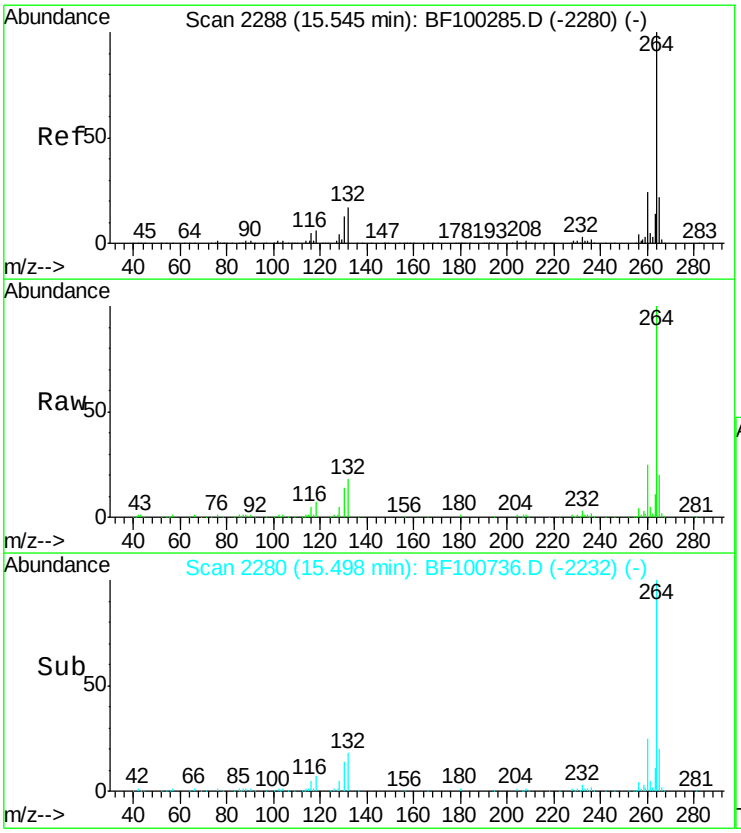
#78
Terphenyl-d14
Concen: 67.12 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PB104390BL

Tgt Ion:244 Resp: 800917

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100736.D
Acq: 20 Nov 2017 18:05

Tgt Ion:264 Resp: 200081

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.3	17.5	26.3