Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100774.D
Acq On : 21 Nov 2017 12:29
Operator : SJ/JU
Sample : PB104316BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:05:06 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	82752	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	329209	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	158693	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	327273	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	274179	20.00	ng		-0.01
86) Perylene-d12	15.50	264	199197	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	629836	122.01	ng		0.00
7) Phenol-d6	6.50	99	756448	118.83	ng		0.00
23) Nitrobenzene-d5	7.43	82	477508	95.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	226543	140.09	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	990498	95.04	ng		-0.01
78) Terphenyl-d14	12.98	244	1081527	90.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	13114	2.88	ng		84
19) n-Nitroso-di-n-propylamine	7.43	70	61944	14.03	ng	#	80
25) Isophorone	7.43	82	477502	45.63	ng	#	64
47) 2-Nitroaniline	9.23	65	1578	3.29	ng	#	21
50) 2,6-Dinitrotoluene	9.91	165	20453	8.53	ng	#	24
56) 2,4-Dinitrotoluene	9.91	165	20453	6.76	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	250	8.69	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	13842	3.95	ng	#	1

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

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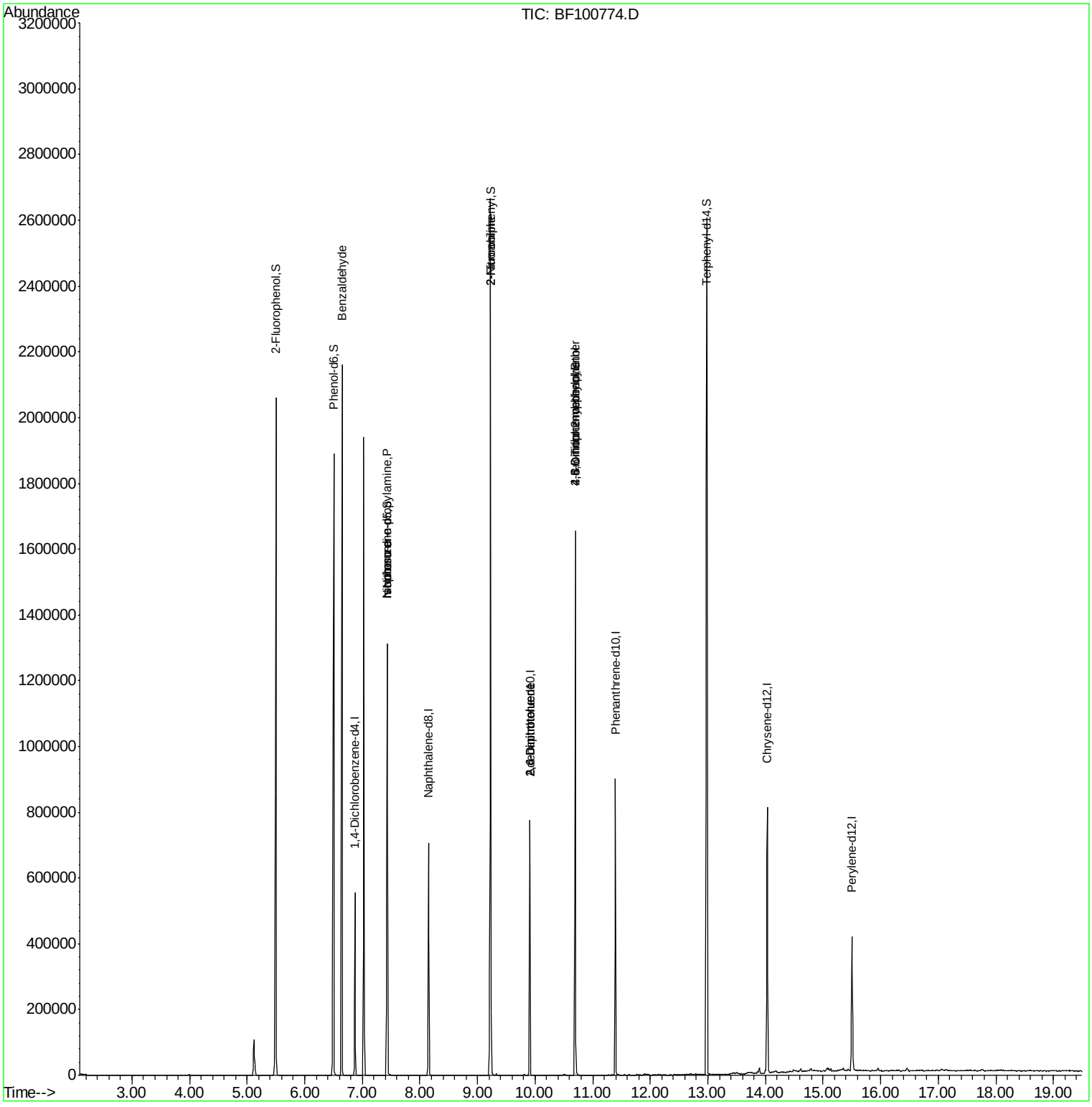
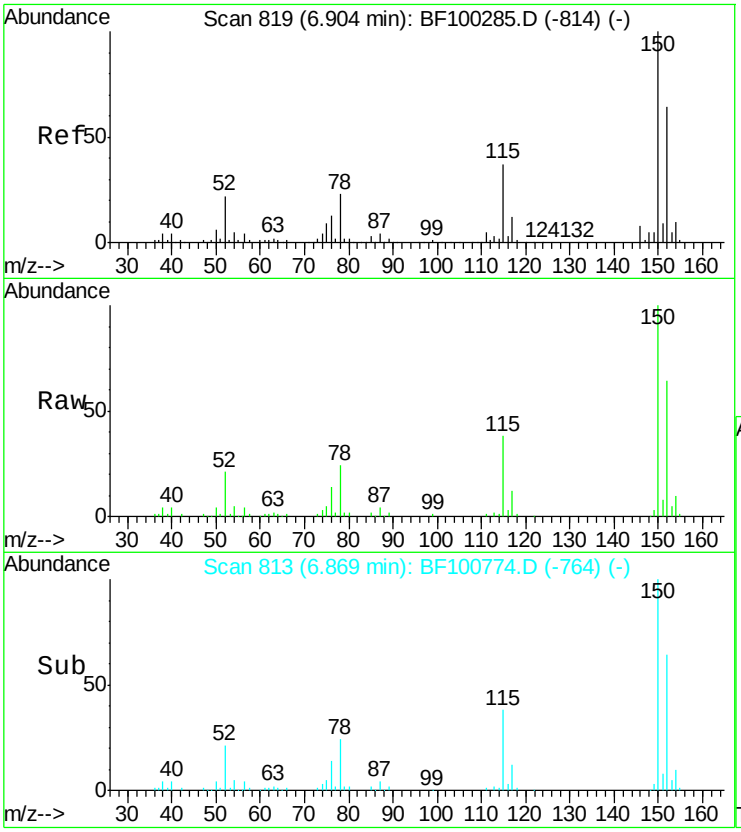
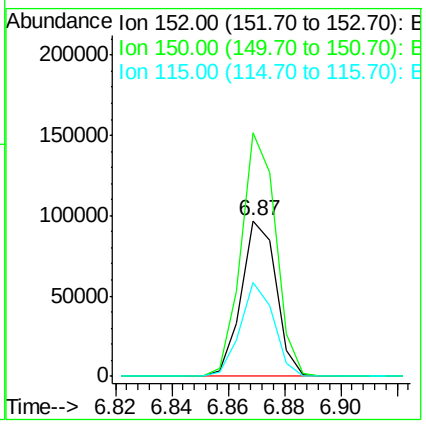




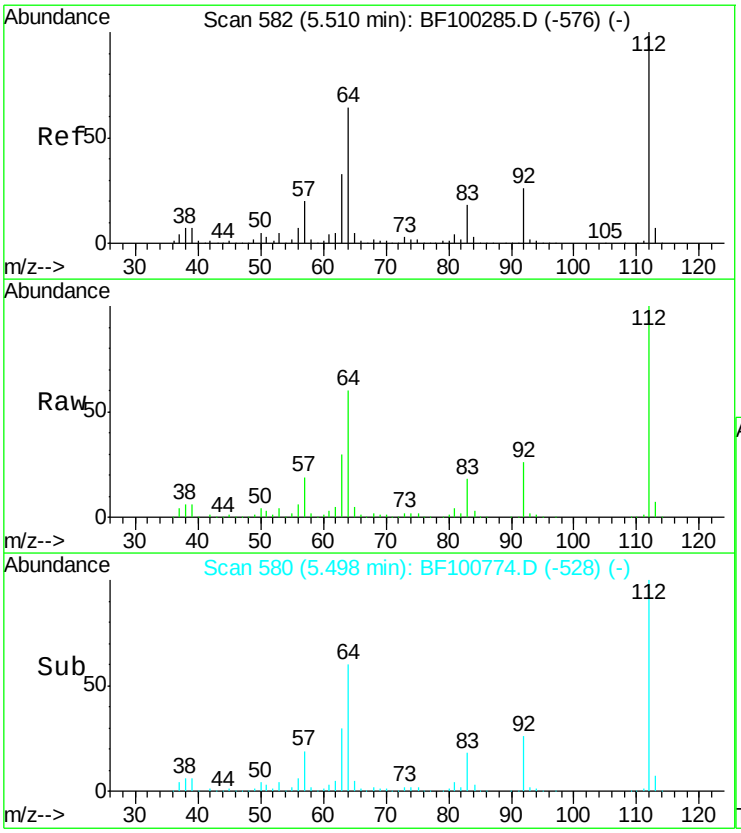
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:152 Resp: 82752

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	60.2	50.1	75.1



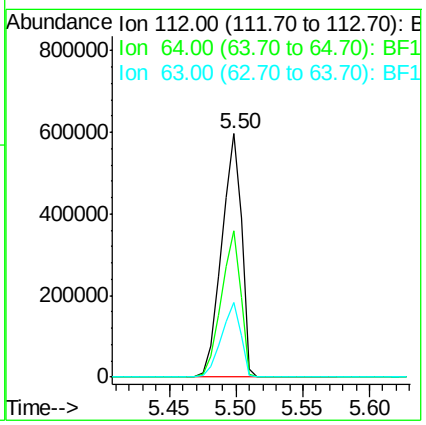
Instrument :
BNA_F
ClientSampleId :

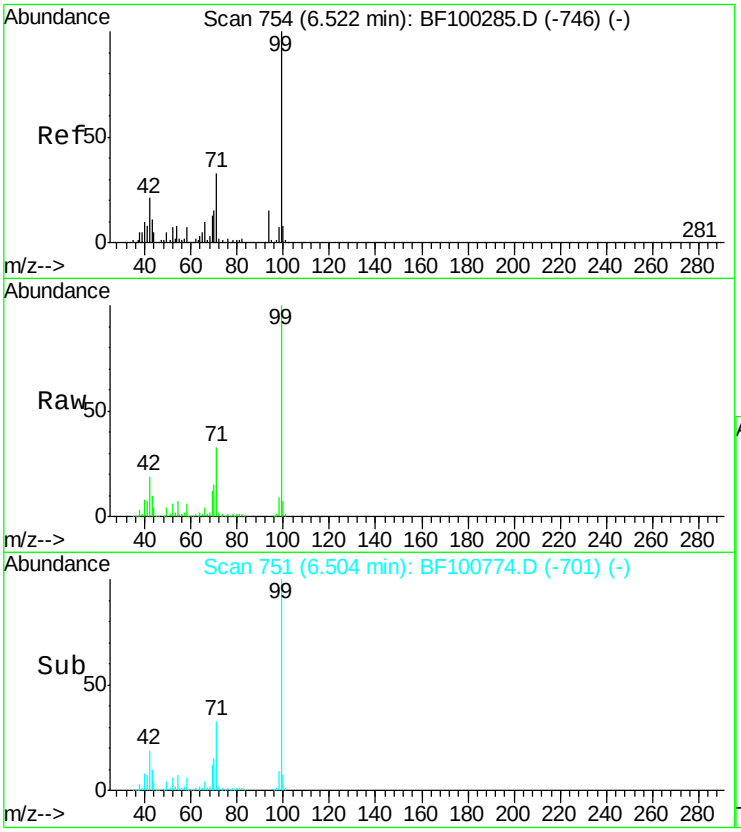


#5
2-Fluorophenol
Concen: 122.01 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:112 Resp: 629836

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.5	23.7	35.5



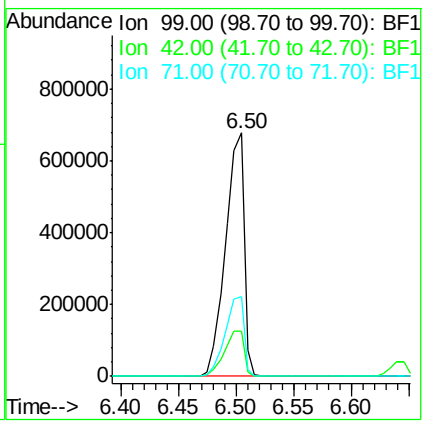


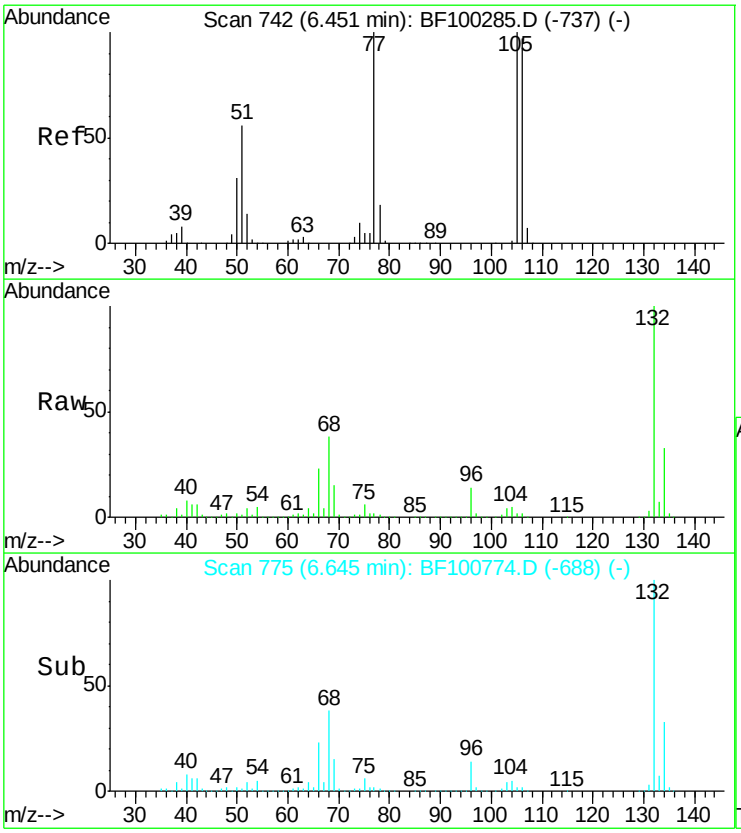
#7
Phenol-d6
Concen: 118.83 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 756448

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	32.8	25.4	38.0

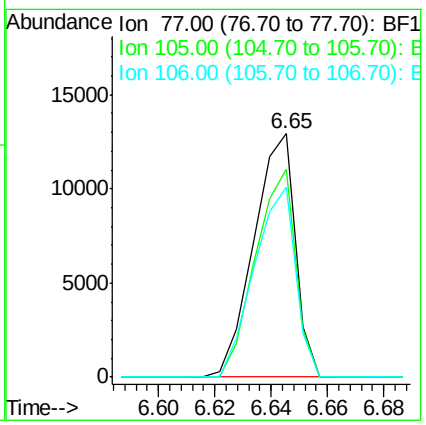


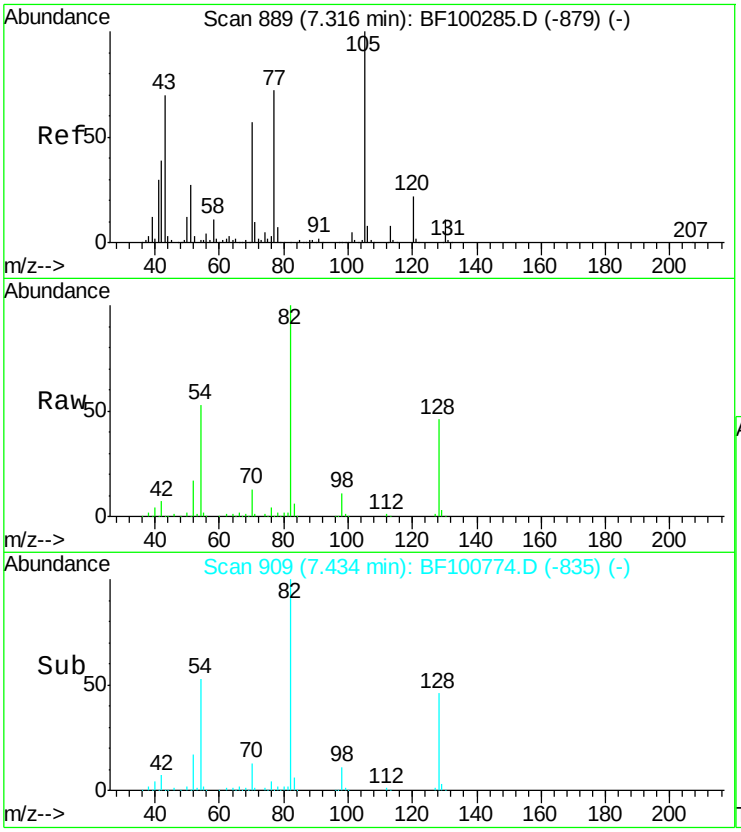


#9
Benzaldehyde
Concen: 2.88 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion: 77 Resp: 13114

Ion	Ratio	Lower	Upper
77	100		
105	85.3	81.1	121.1
106	78.2	74.5	114.5



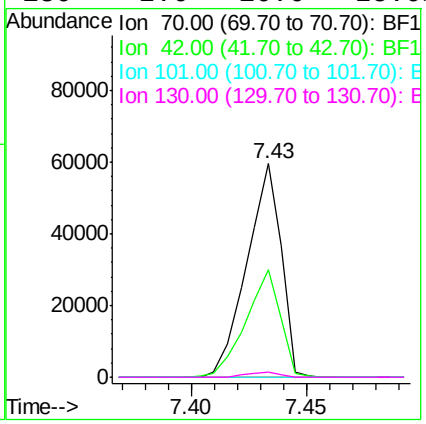


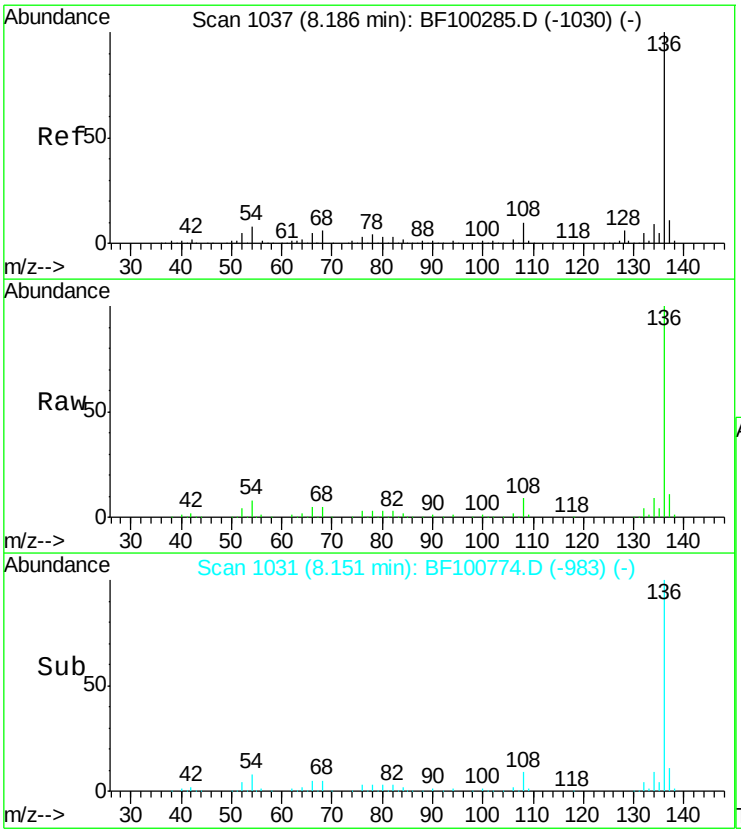
#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 61944

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

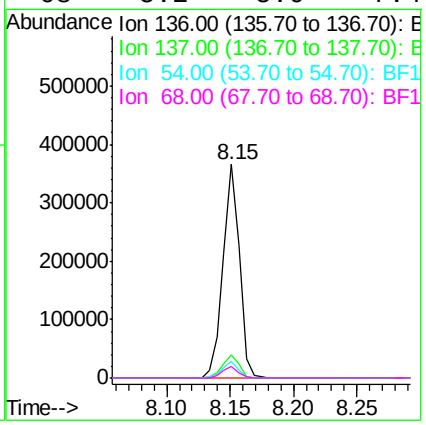


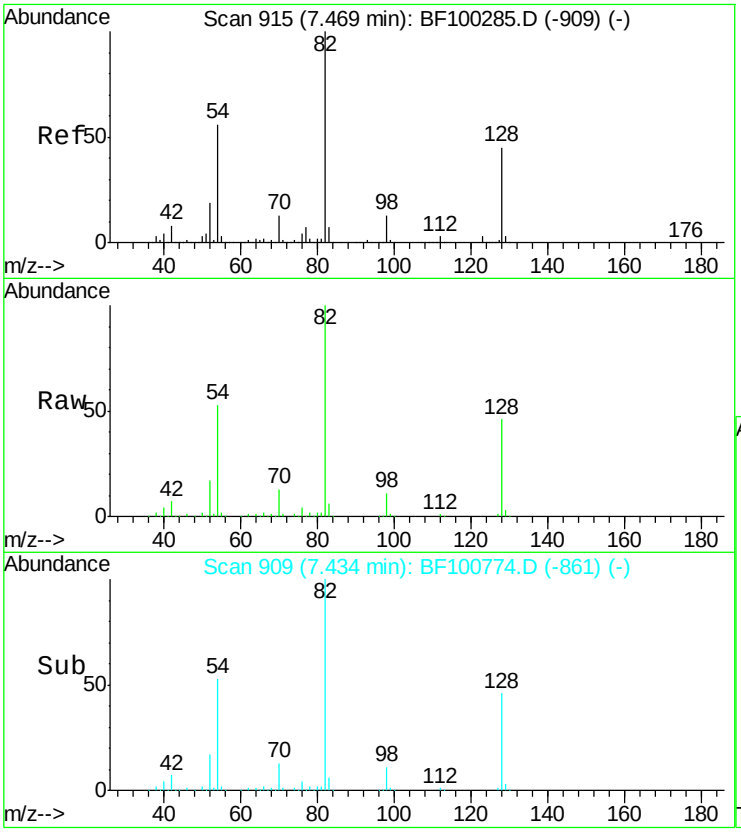


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:136 Resp: 329209

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.2	5.0	7.4



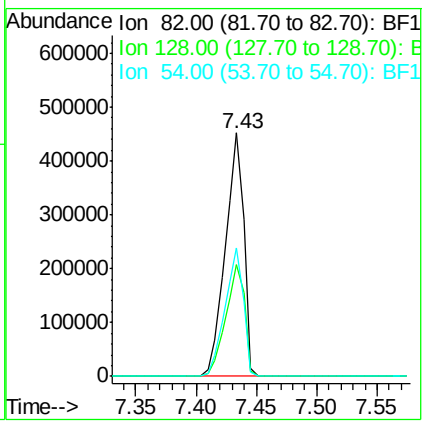


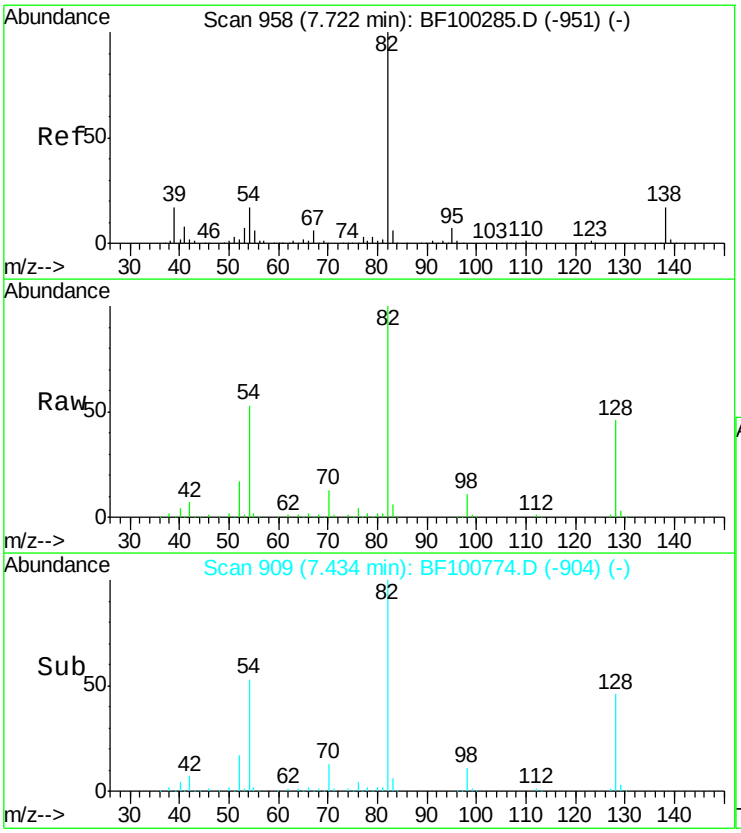
#23
Nitrobenzene-d5
Concen: 95.90 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 477508

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	52.8	41.4	62.2

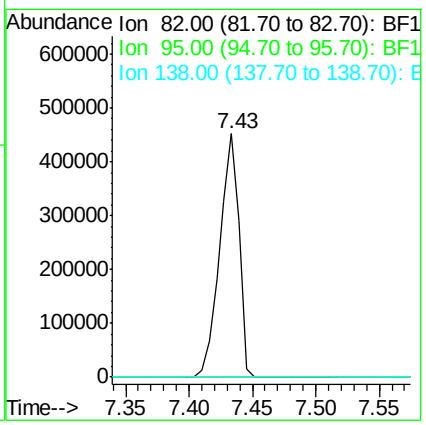


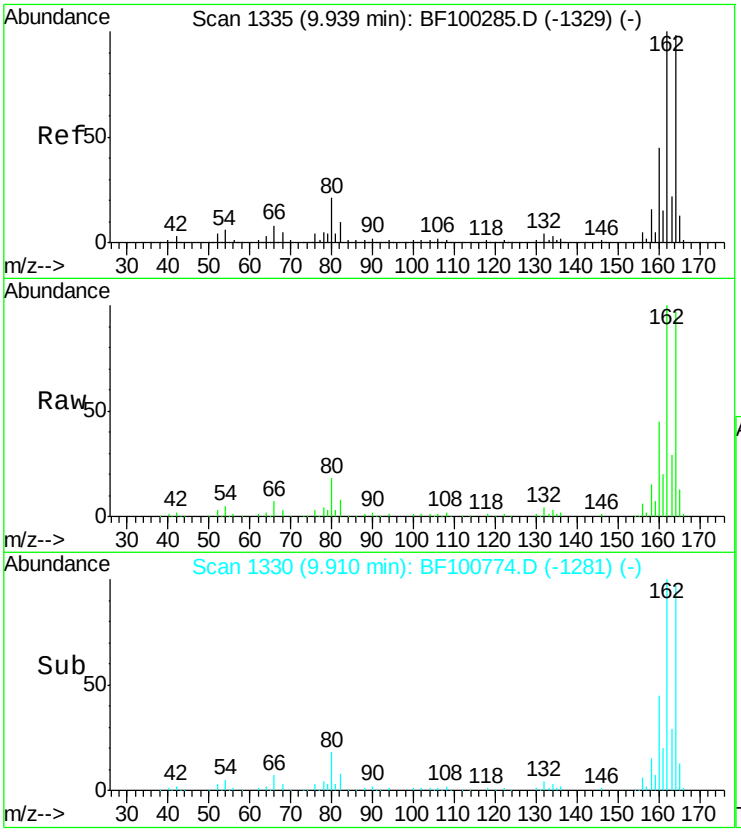


#25
Isophorone
Concen: 45.63 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion: 82 Resp: 477502

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



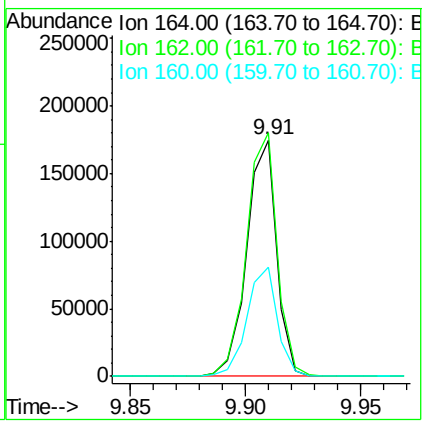


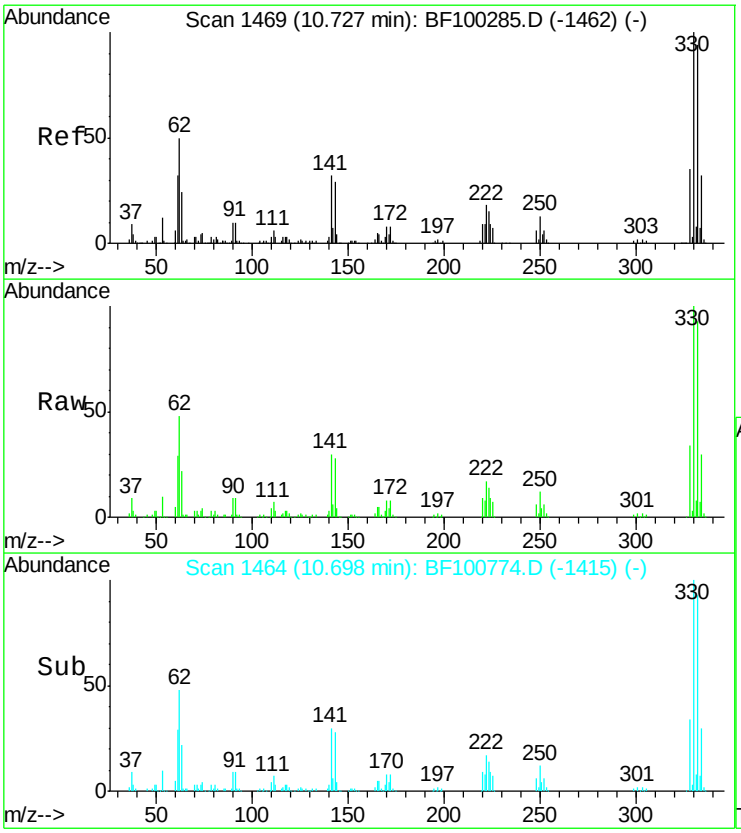
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 158693

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.3	38.3	57.5

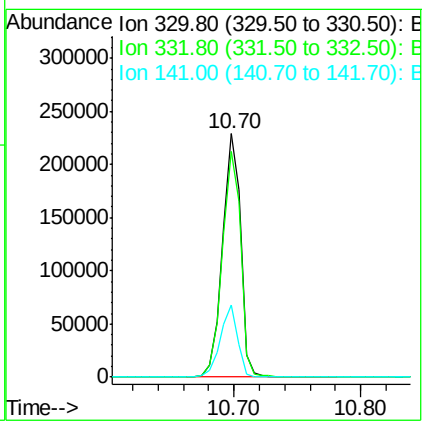


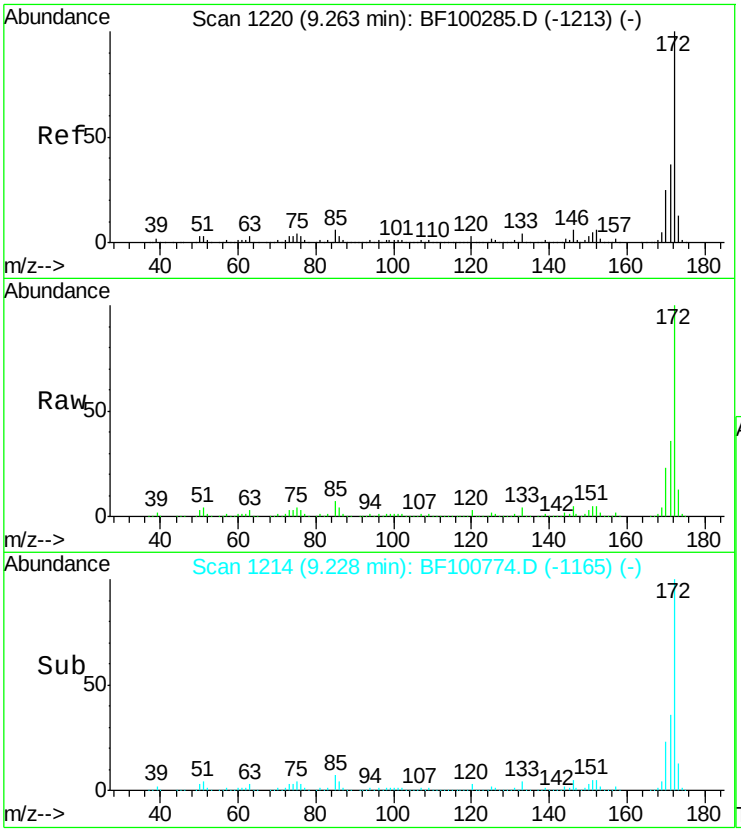


#41
2,4,6-Tribromophenol
Concen: 140.09 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:330 Resp: 226543

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	28.4	29.9	44.9#



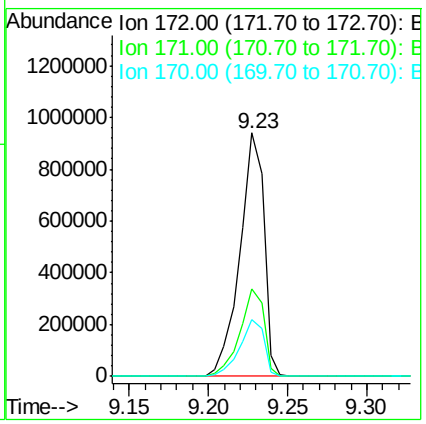


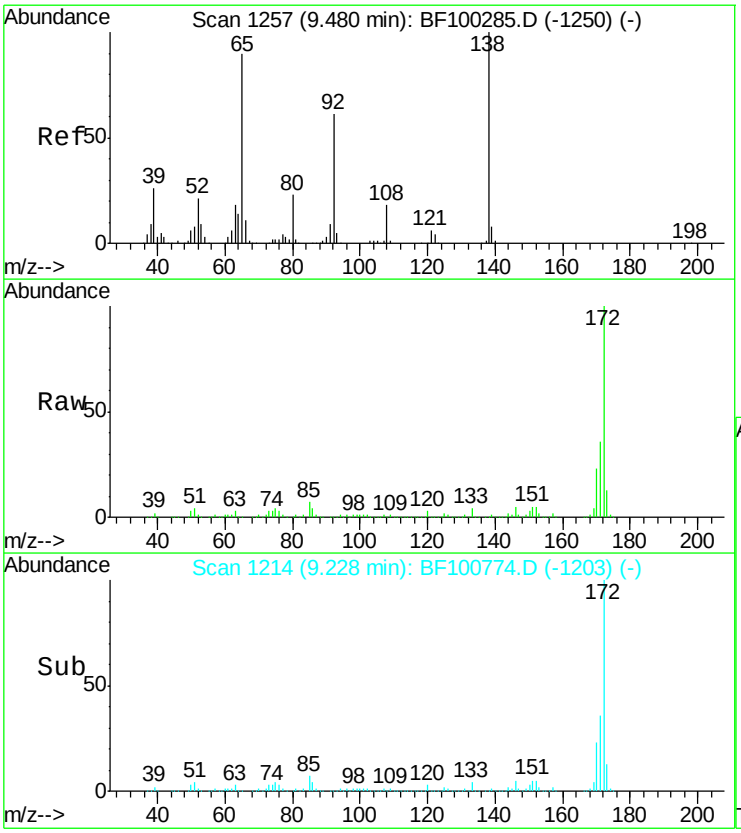
#44
2-Fluorobiphenyl
Concen: 95.04 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 990498

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4

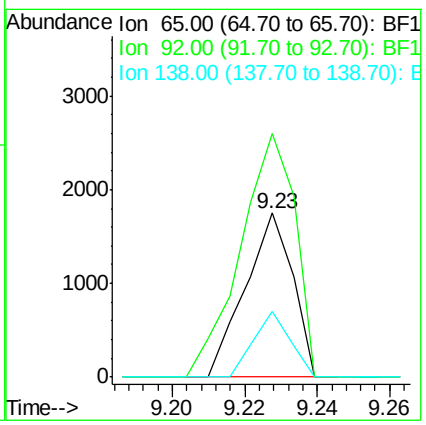


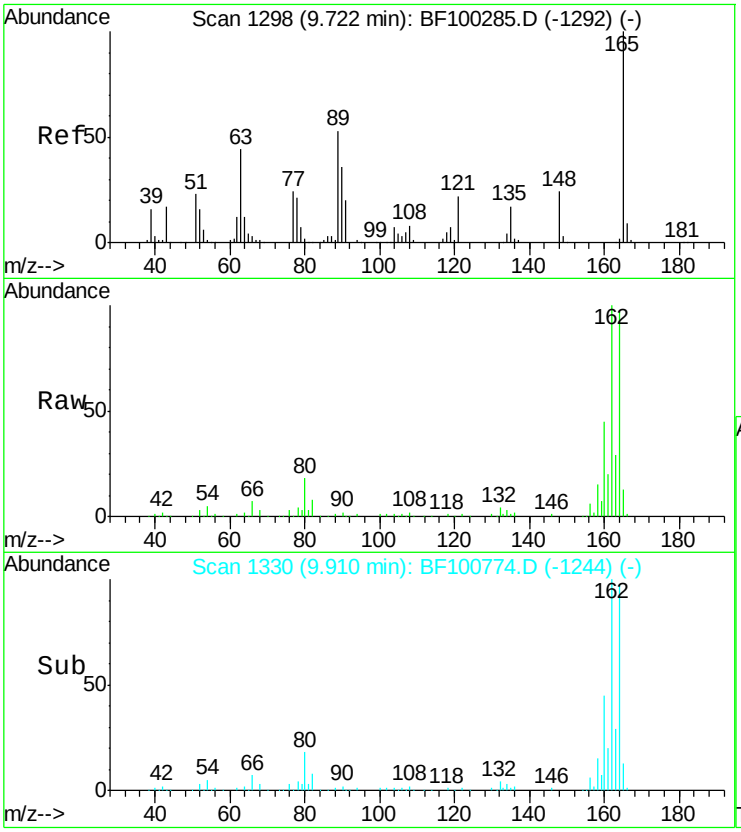


#47
2-Nitroaniline
Concen: 3.29 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion: 65 Resp: 1578

Ion	Ratio	Lower	Upper
65	100		
92	148.5	55.8	83.6#
138	40.1	91.2	136.8#

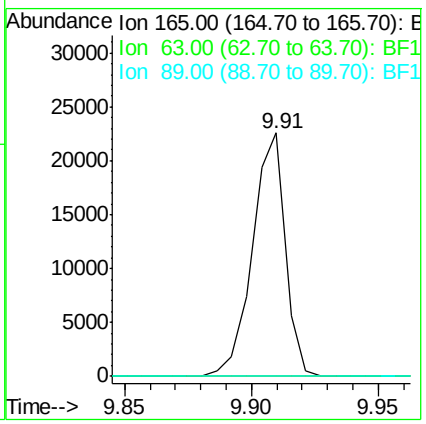




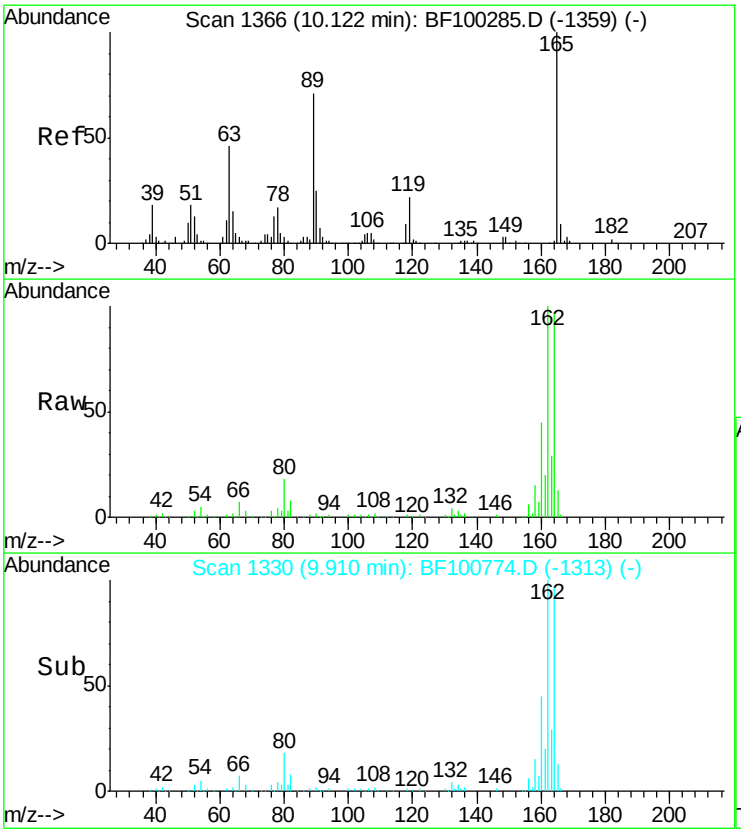
#50
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:165 Resp: 20453

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



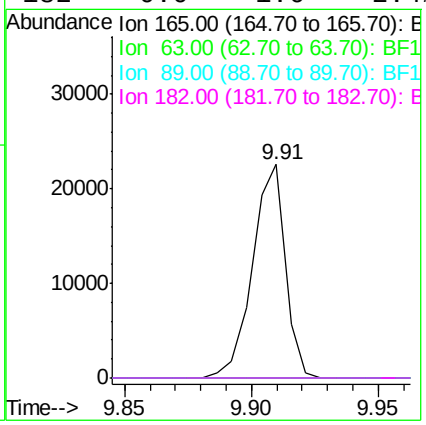
Instrument :
BNA_F
ClientSampleId :

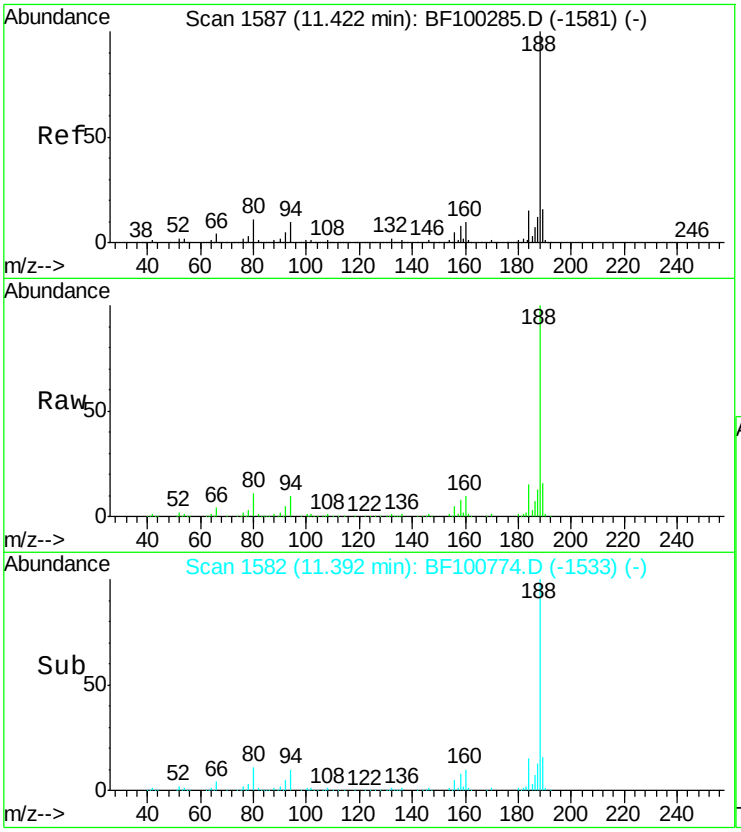


#56
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:165 Resp: 20453

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#



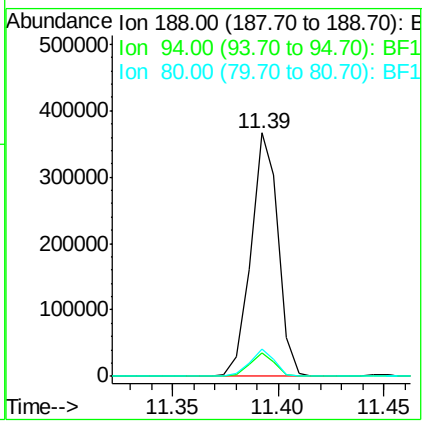


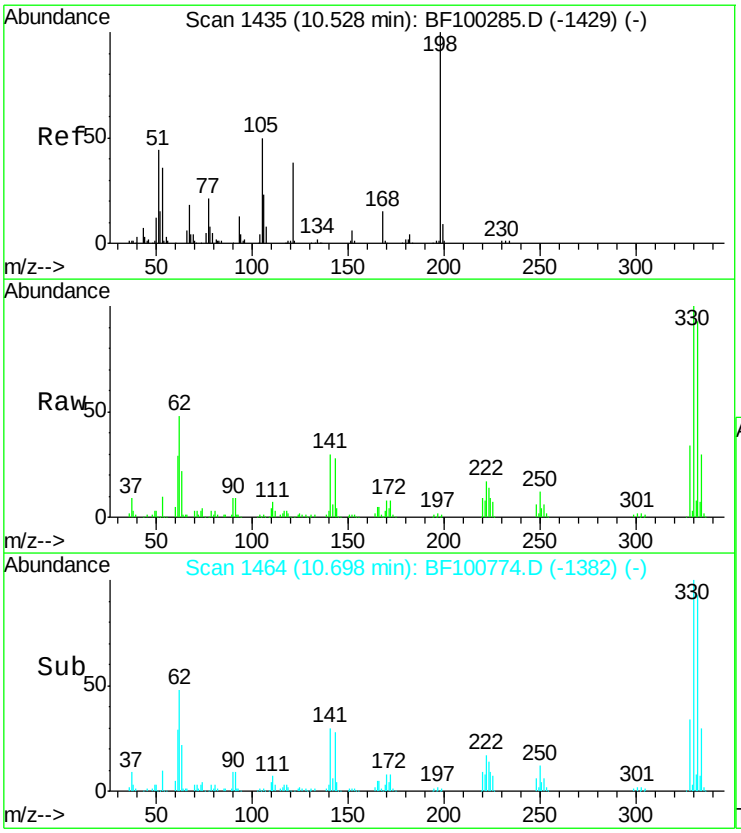
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 327273

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.2	9.2	13.8

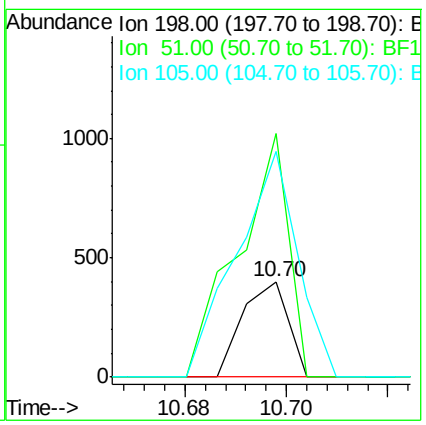


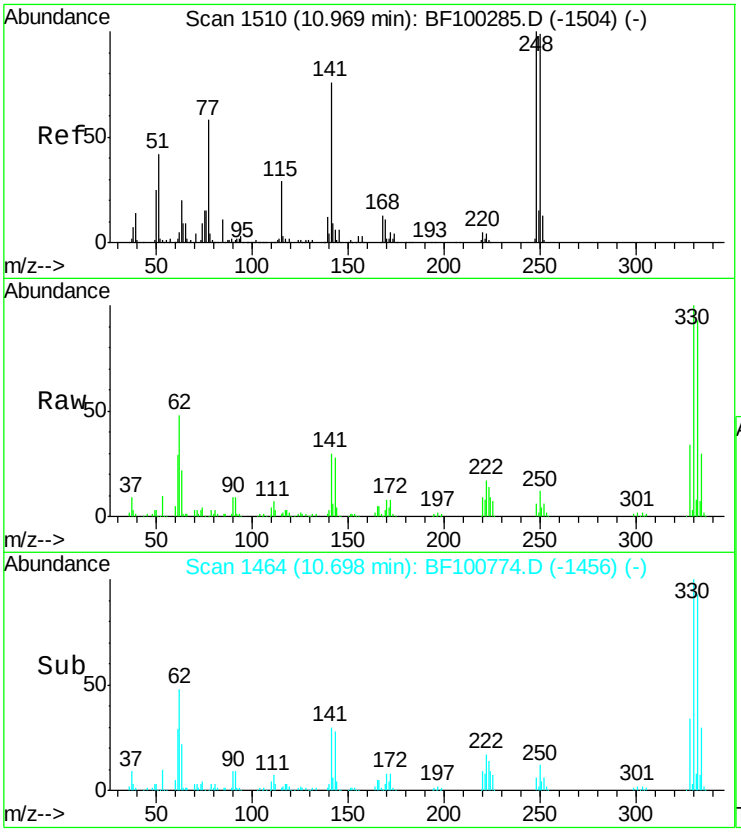


#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:198 Resp: 250

Ion	Ratio	Lower	Upper
198	100		
51	255.6	37.7	77.7#
105	237.6	36.3	76.3#



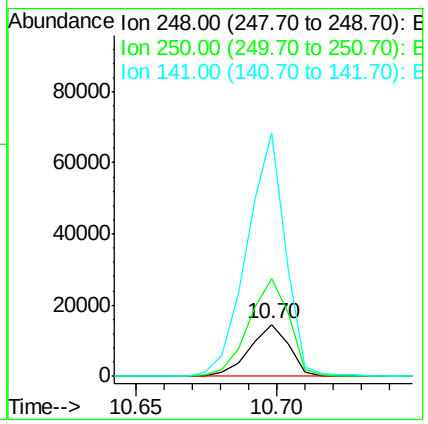


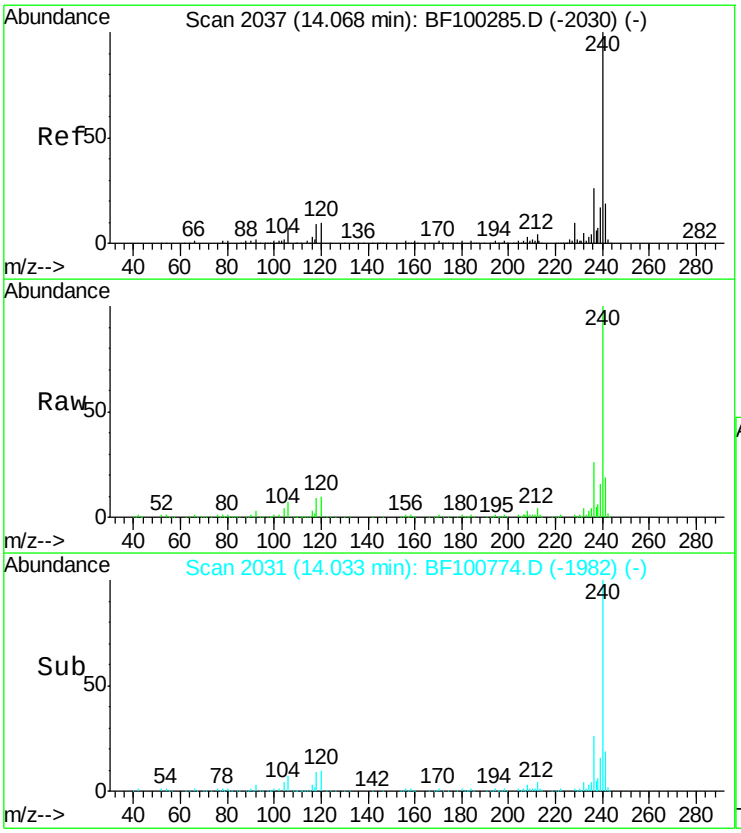
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13842

Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.9	115.3#
141	468.5	74.4	111.6#

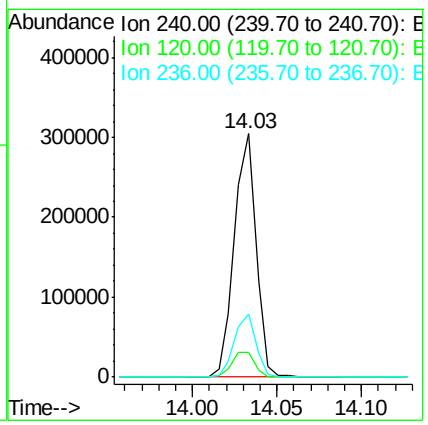


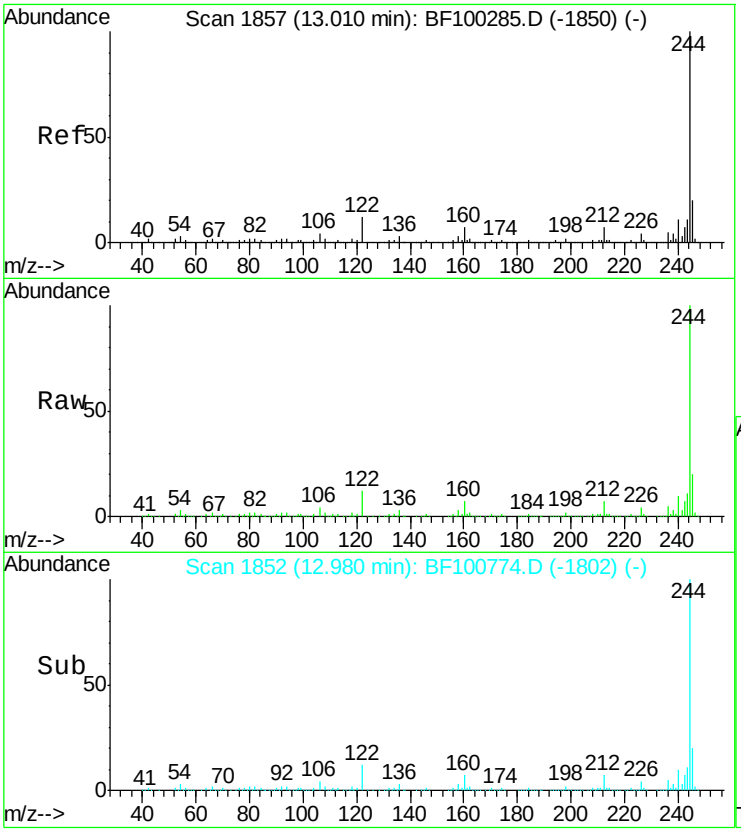


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:240 Resp: 274179

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.7	20.7	31.1



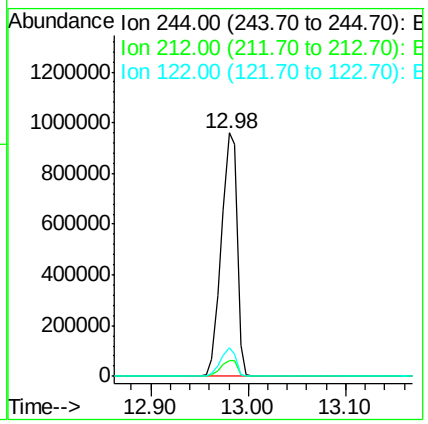


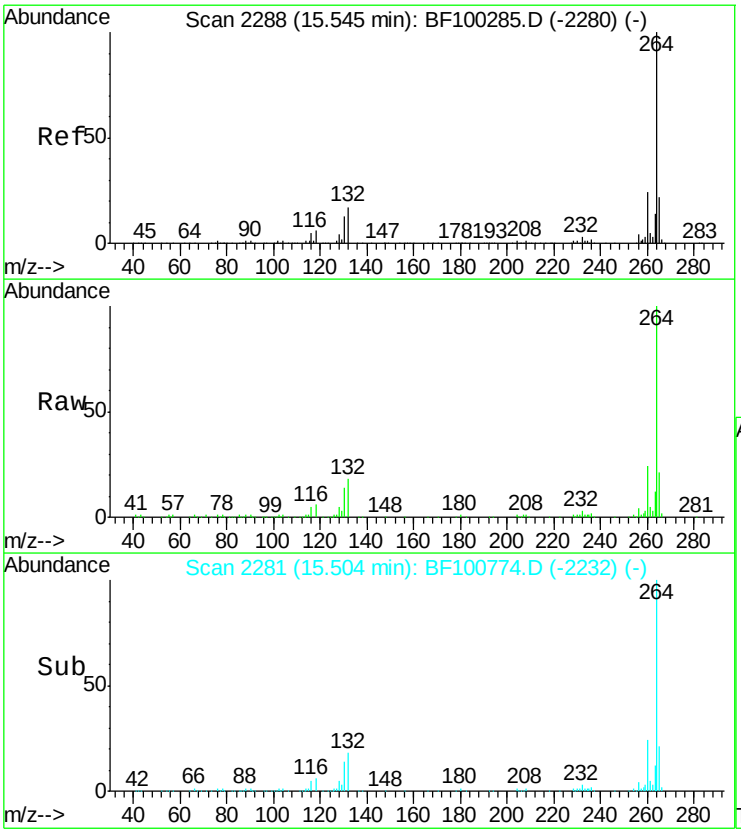
#78
Terphenyl-d14
Concen: 90.64 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1081527

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100774.D
Acq: 21 Nov 2017 12:29

Tgt Ion:264 Resp: 199197

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3