Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100970.D
Acq On : 29 Nov 2017 8:26
Operator : SJ/JU
Sample : I6604-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 09:46:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62819	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	240321	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	106520	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	177946	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128688	20.00	ng	0.00
86) Perylene-d12	15.49	264	120215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	169894	43.35	ng	0.00
7) Phenol-d6	6.48	99	126574	26.19	ng	-0.01
23) Nitrobenzene-d5	7.43	82	388405	106.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	102568	94.49	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	793033	113.36	ng	0.00
78) Terphenyl-d14	12.97	244	562347	100.41	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	51115	15.252	ng	# 81
25) Isophorone	7.43	82	388399	50.847	ng	# 64
47) 2-Nitroaniline	9.22	65	977	3.250	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13296	8.259	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	13296	6.547	ng	# 23
59) Diethylphthalate	10.30	149	17224	2.116	ng	98
64) 4,6-Dinitro-2-methylphenol	10.69	198	111	8.671	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	6634	3.478	ng	# 1

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

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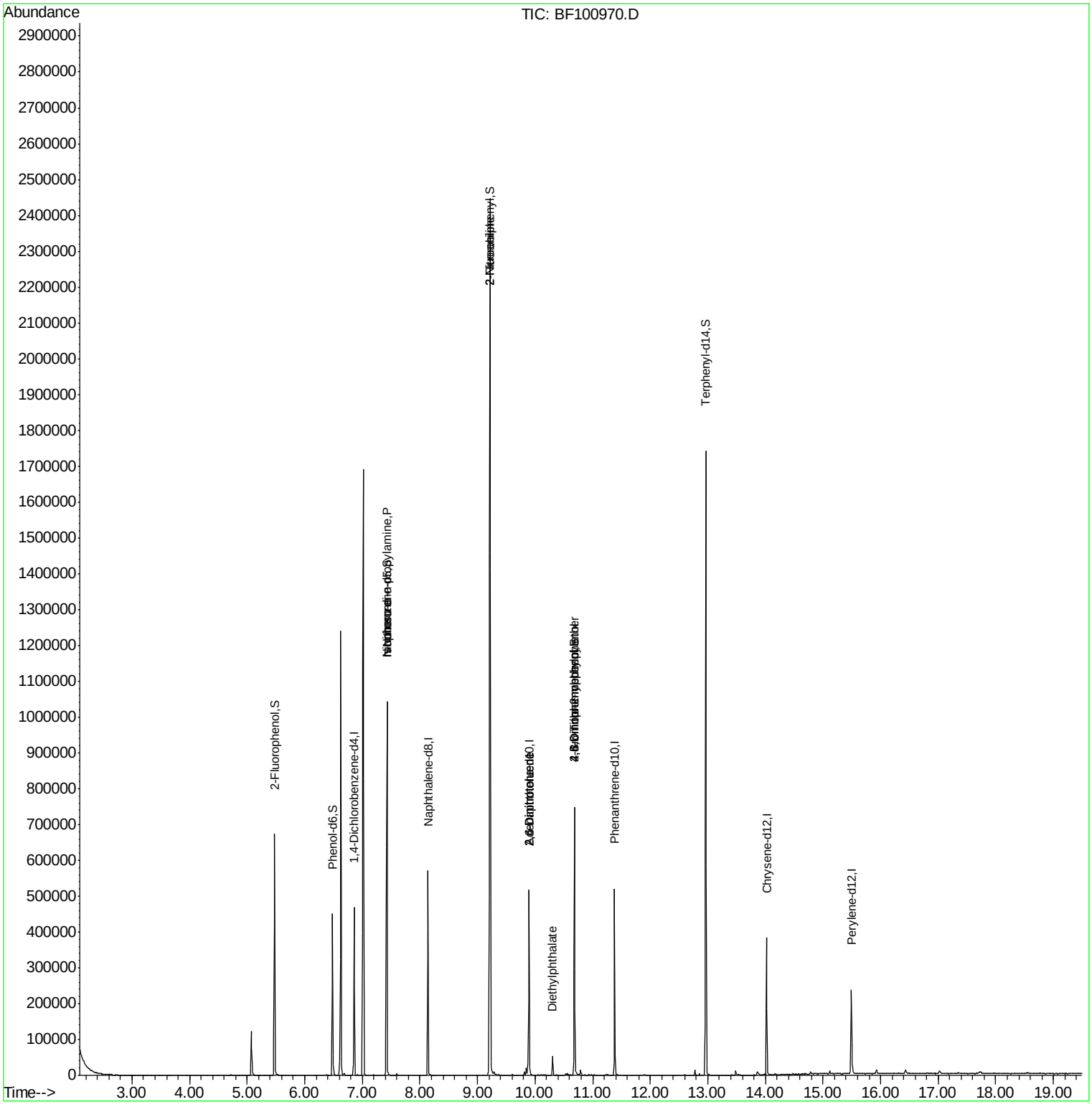
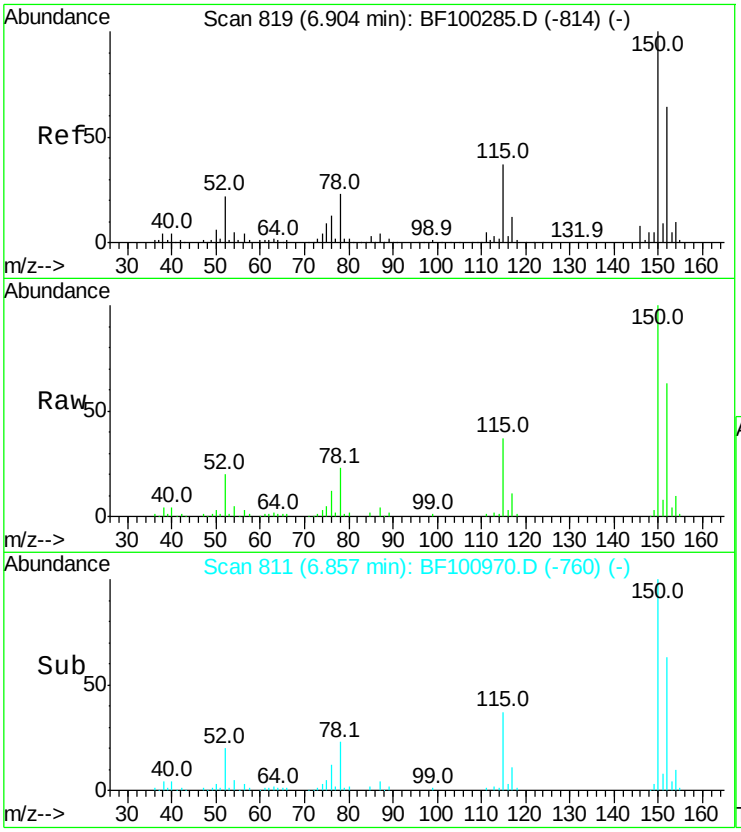
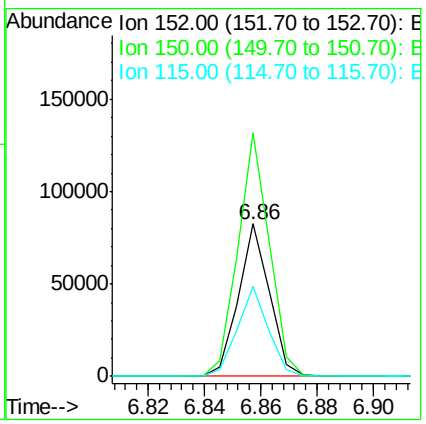




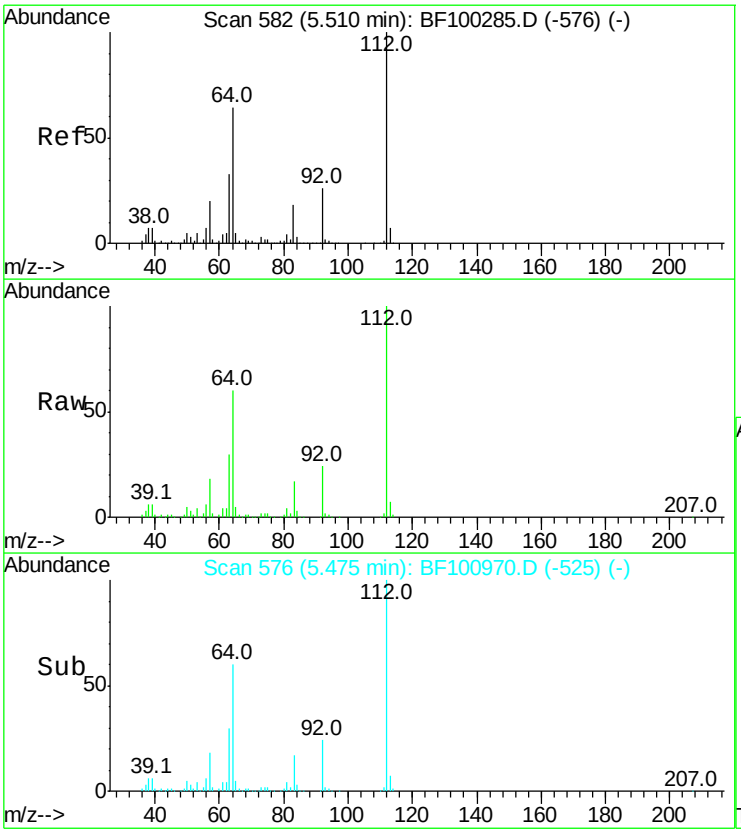
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:152 Resp: 62819

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	59.1	50.1	75.1



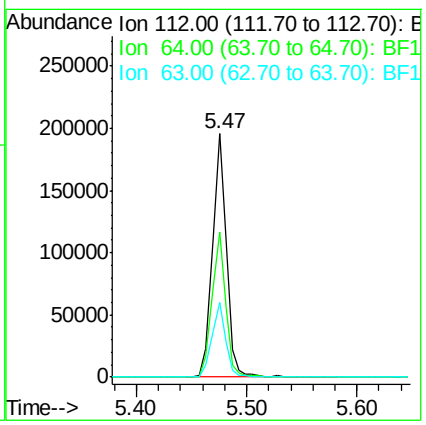
Instrument :
BNA_F
ClientSampleId :

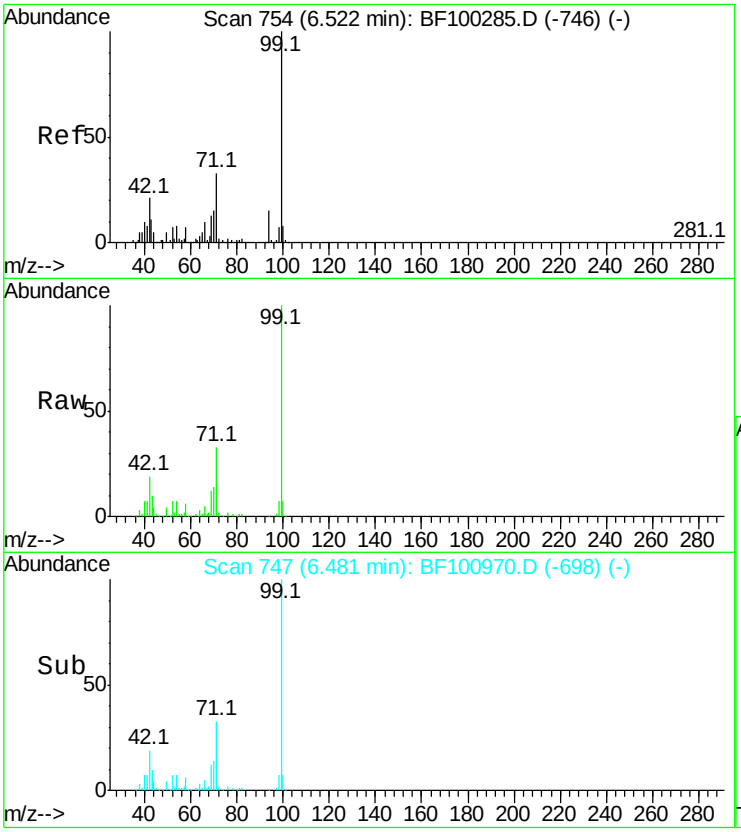


#5
2-Fluorophenol
Concen: 43.353 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:112 Resp: 169894

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.5	23.7	35.5



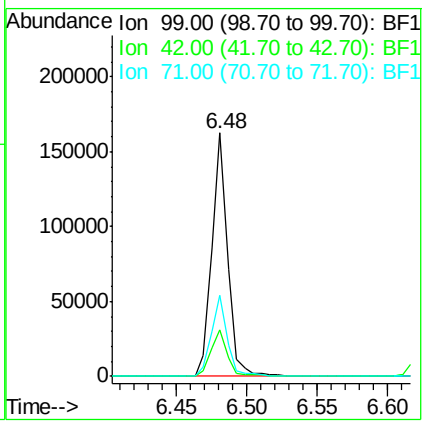


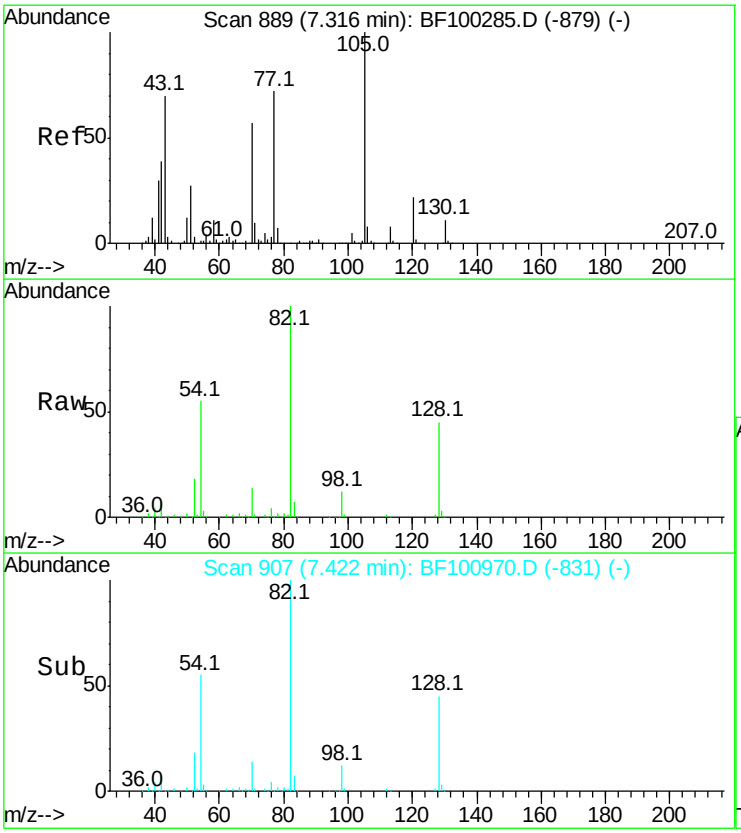
#7
Phenol-d6
Concen: 26.192 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 126574

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.3	25.4	38.0

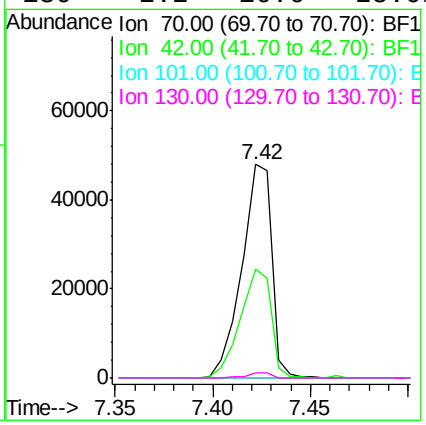


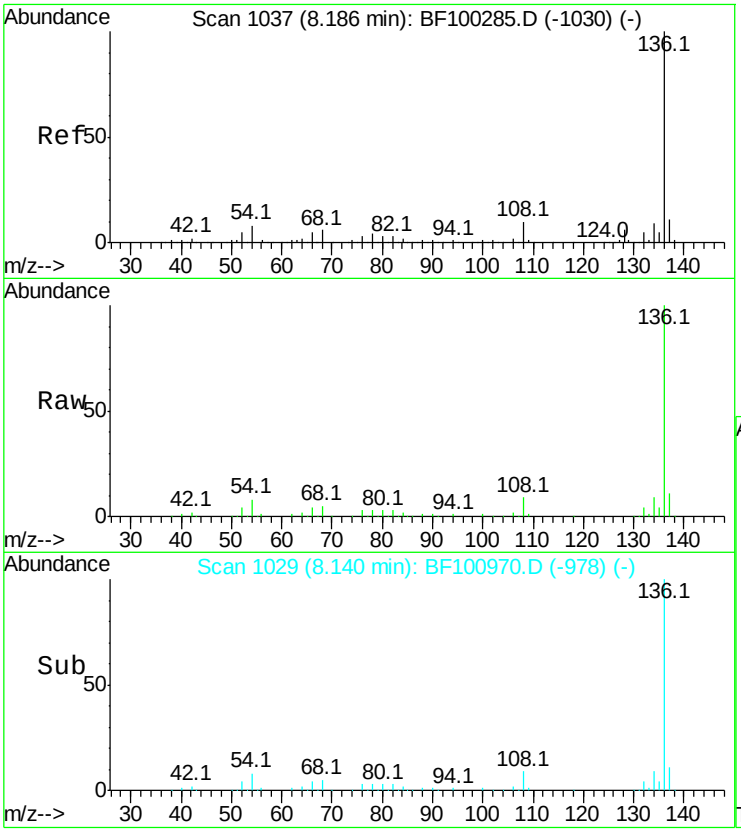


#19
n-Nitroso-di-n-propylamine
Concen: 15.252 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion: 70 Resp: 51115

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



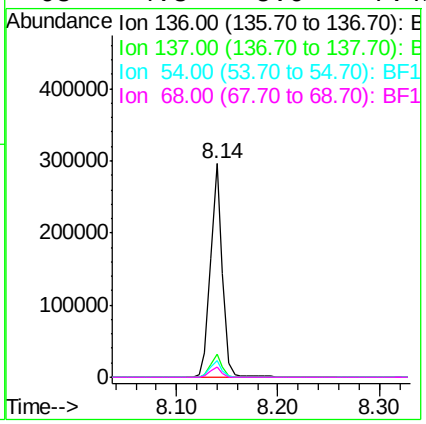


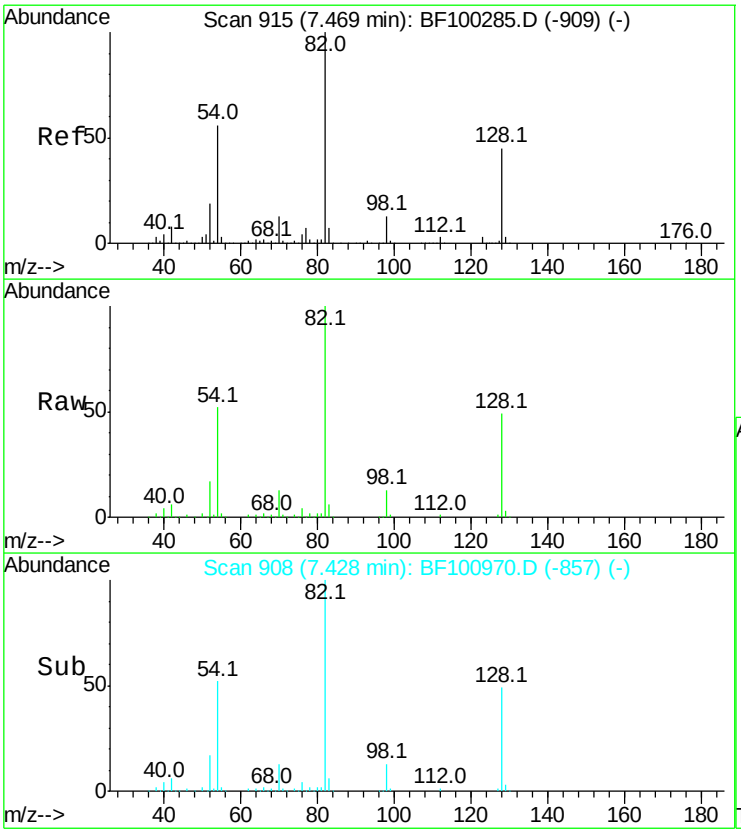
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 240321

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	4.8	5.0	7.4#

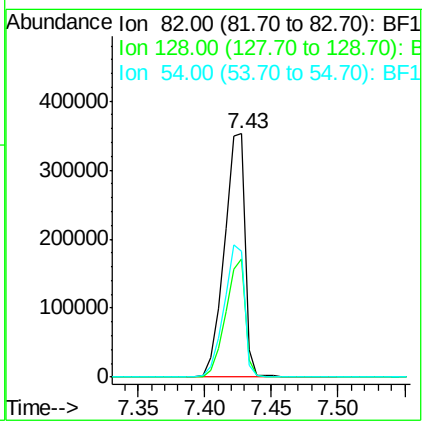


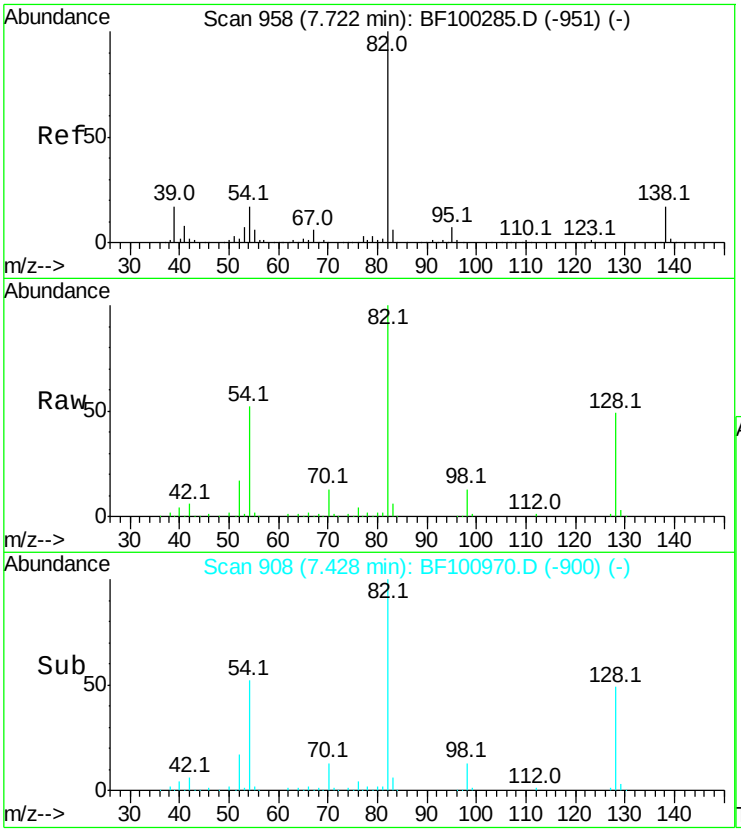


#23
Nitrobenzene-d5
Concen: 106.852 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion: 82 Resp: 388405

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	51.8	41.4	62.2



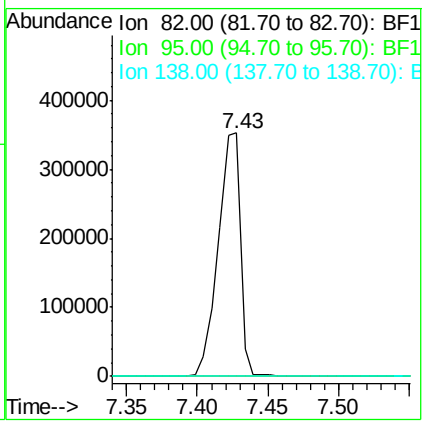


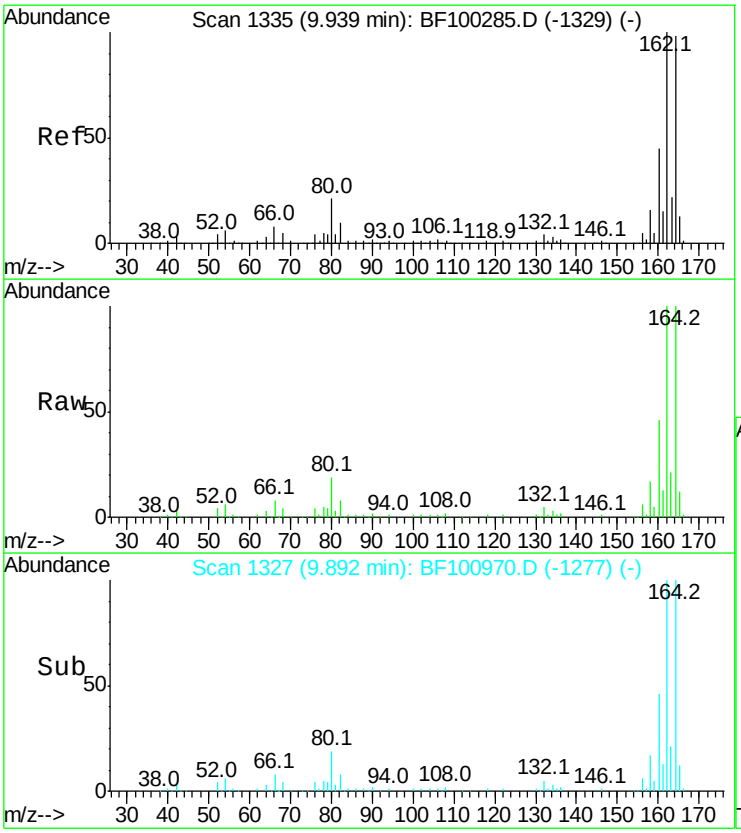
#25
Isophorone
Concen: 50.847 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 388399

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

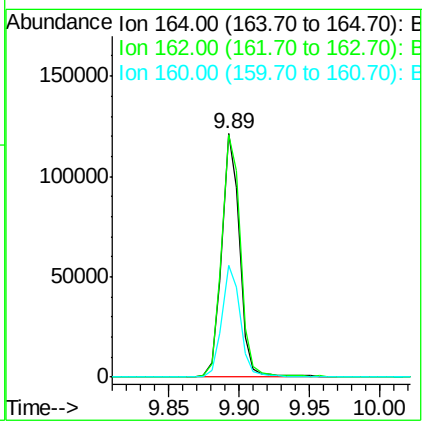


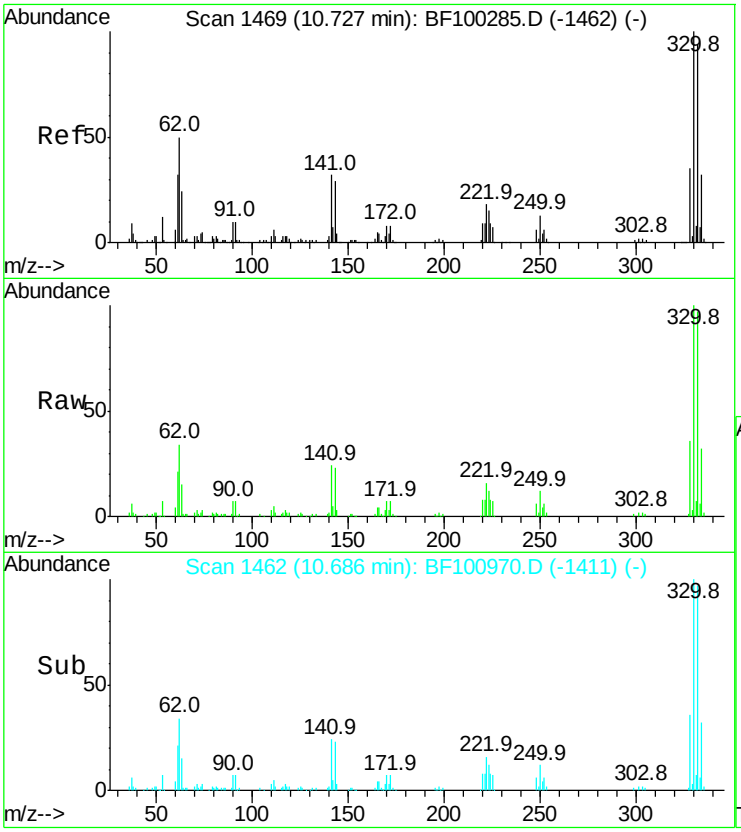


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:164 Resp: 106520

Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	45.9	38.3	57.5



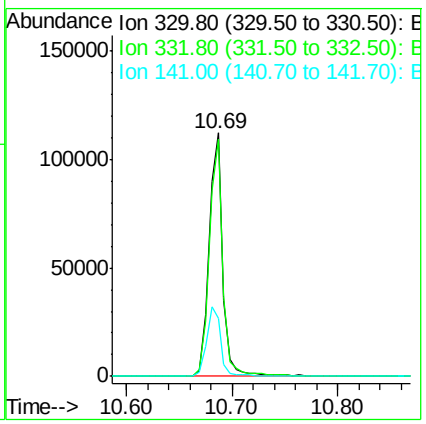


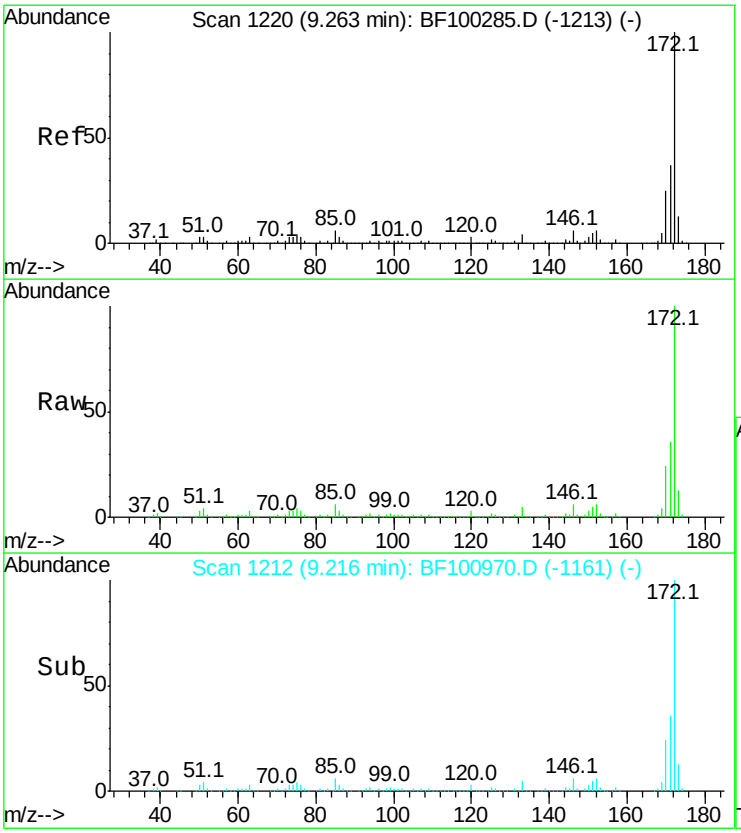
#41
2,4,6-Tribromophenol
Concen: 94.494 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 102568

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.1	29.9	44.9#

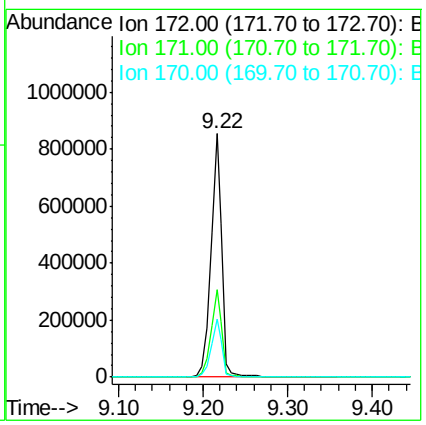


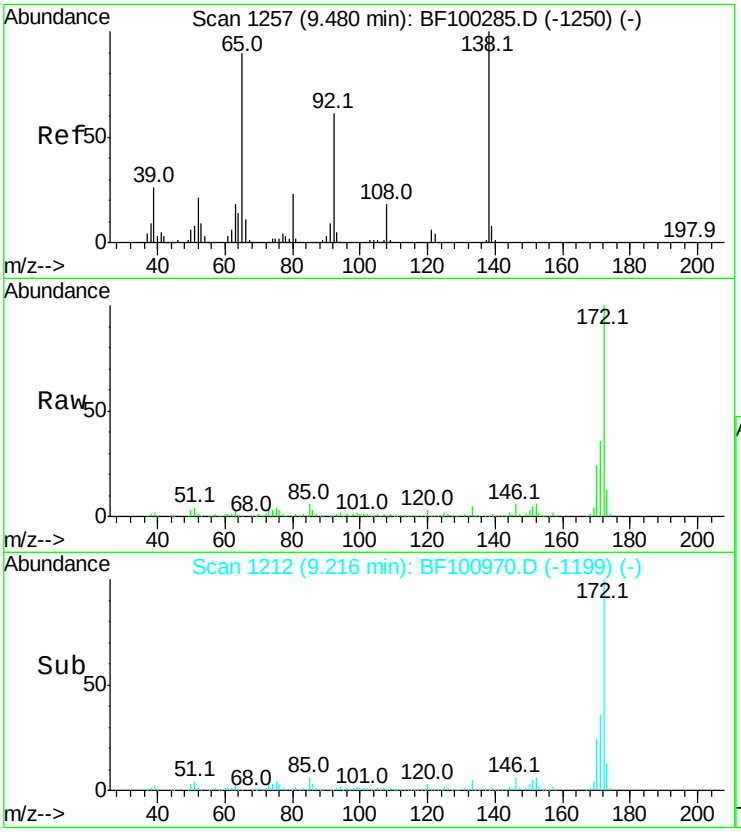


#44
2-Fluorobiphenyl
Concen: 113.365 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:172 Resp: 793033

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



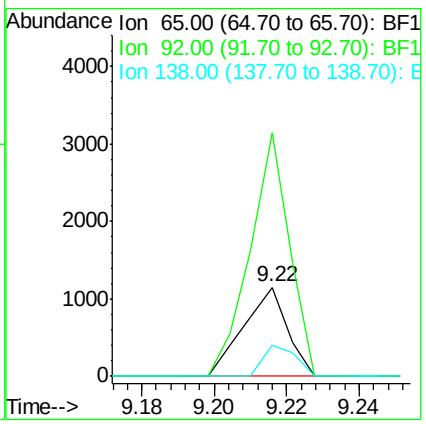


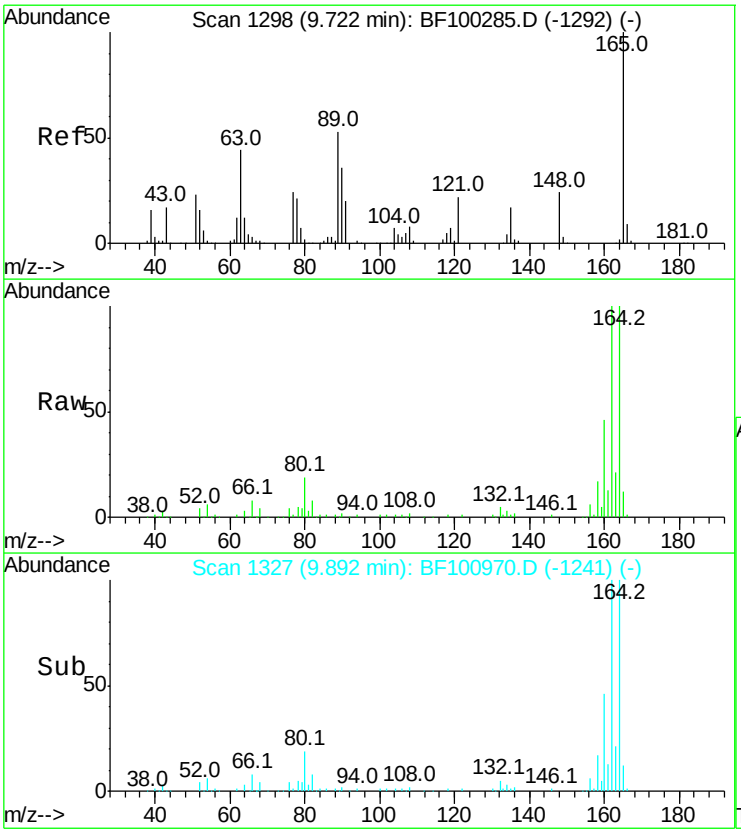
#47
2-Nitroaniline
Concen: 3.250 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 977

Ion	Ratio	Lower	Upper
65	100		
92	272.4	55.8	83.6#
138	34.3	91.2	136.8#

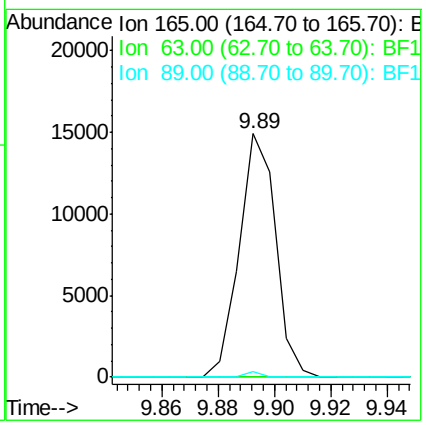


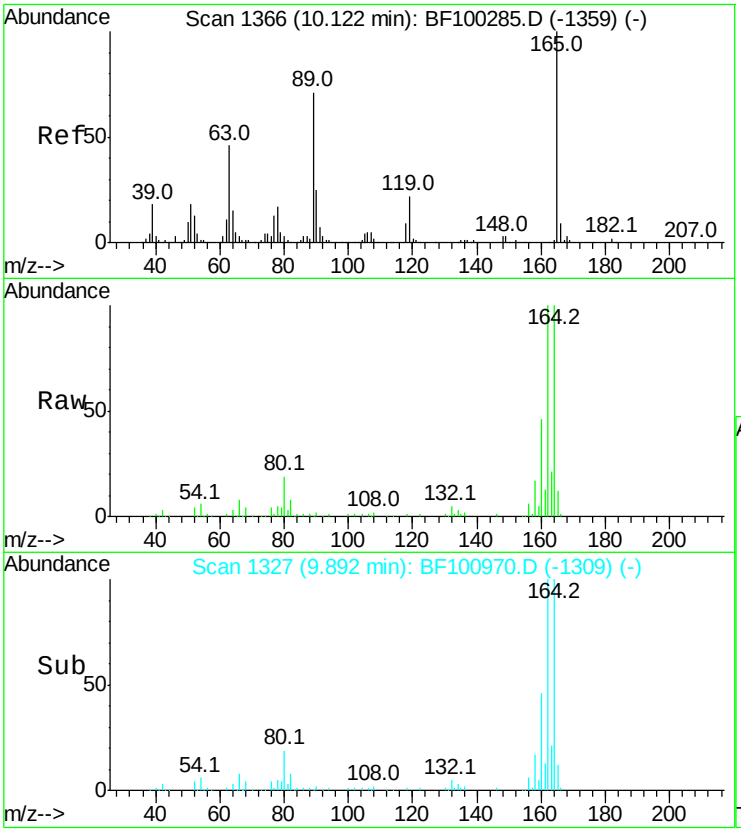


#50
2,6-Dinitrotoluene
Concen: 8.259 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:165 Resp: 13296

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.1	44.0	66.0#



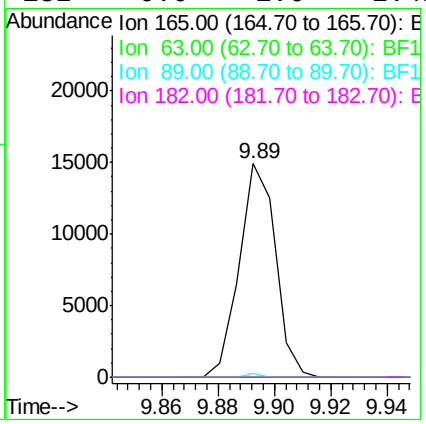


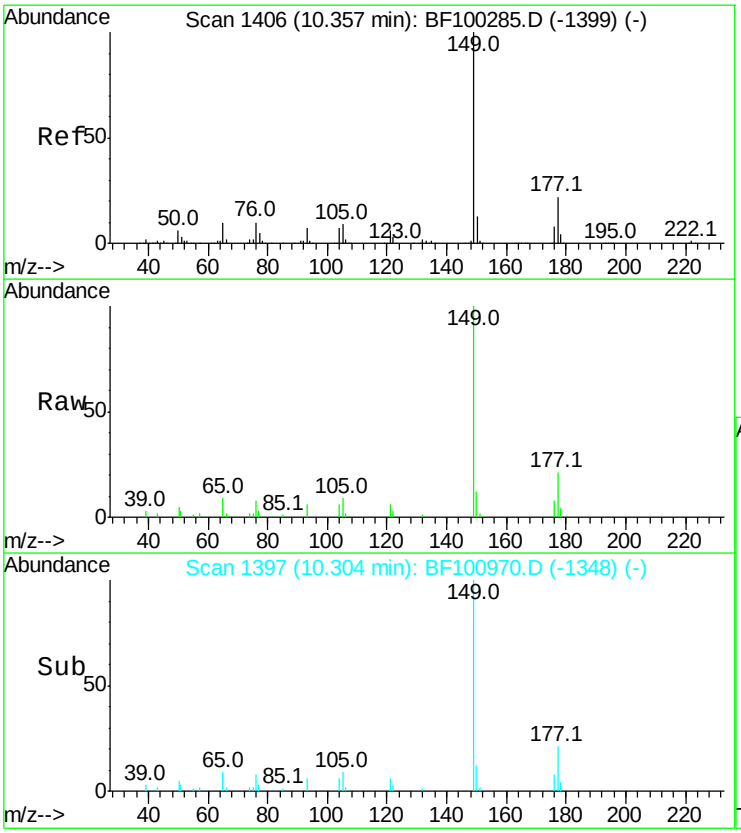
#56
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13296

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

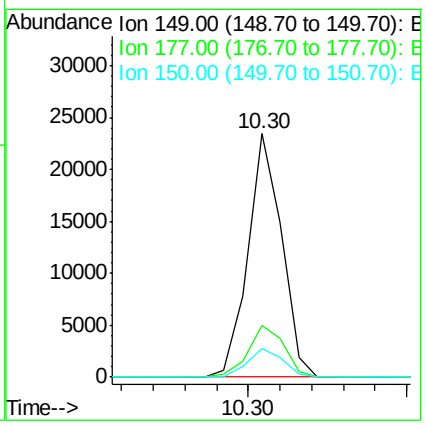


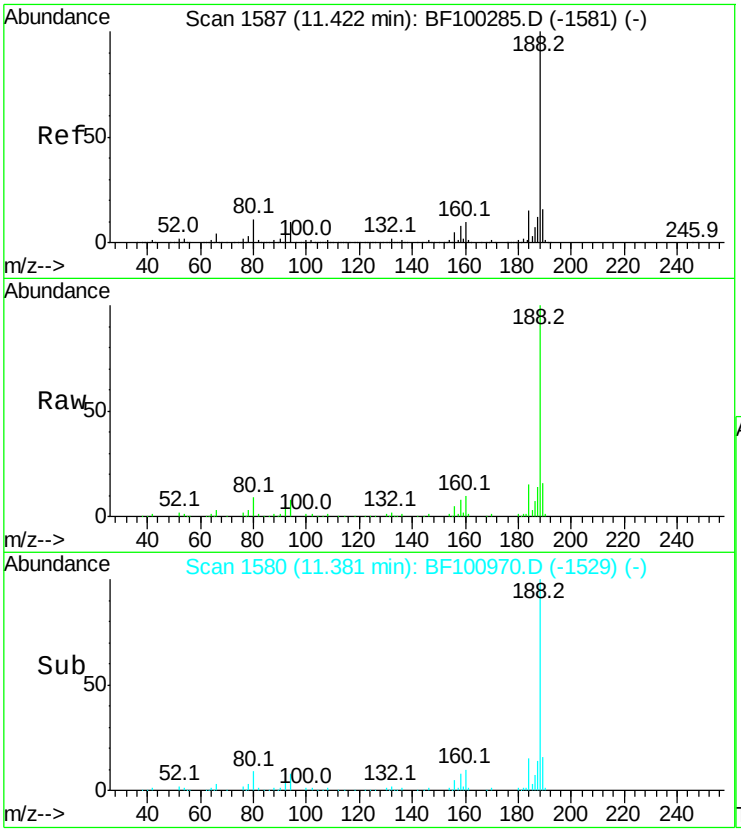


#59
Diethylphthalate
Concen: 2.116 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:149 Resp: 17224

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	11.9	10.1	15.1



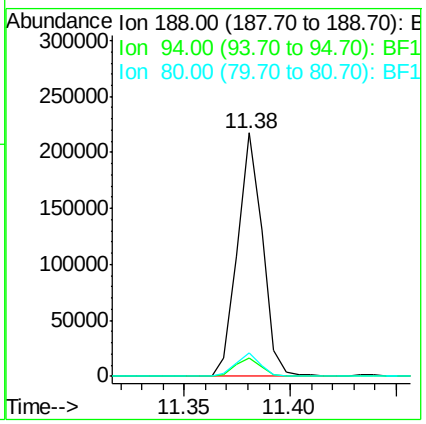


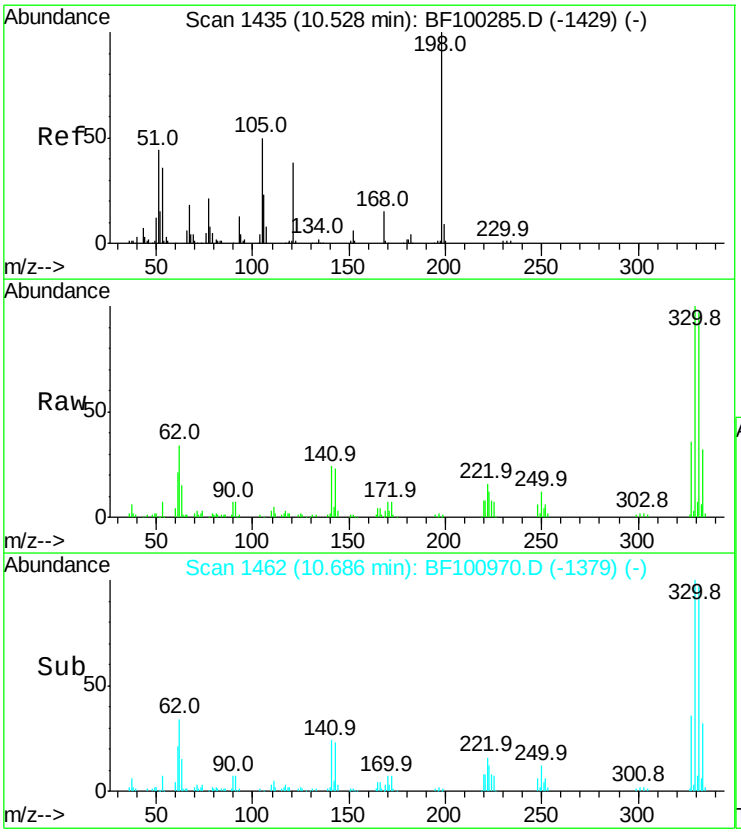
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 177946

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	9.4	9.2	13.8

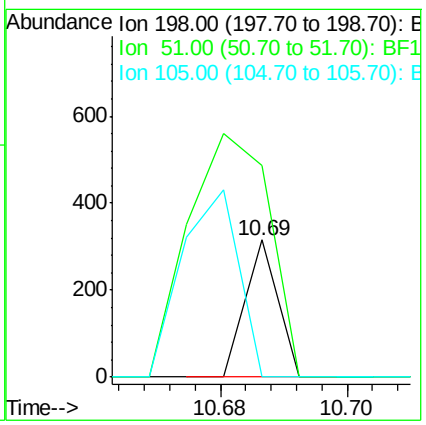


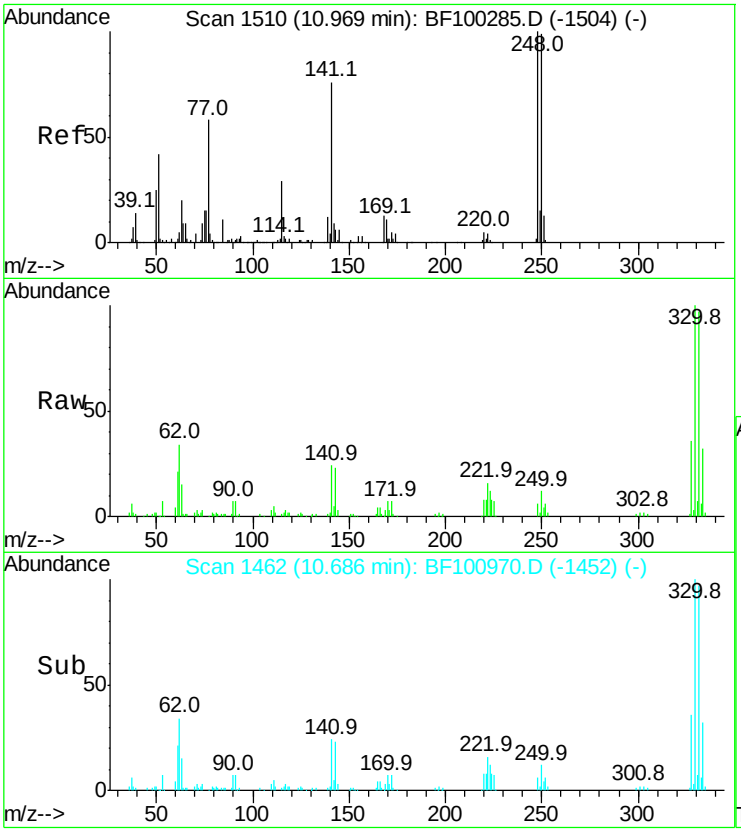


#64
4,6-Dinitro-2-methylphenol
Concen: 8.671 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	154.9	37.7	77.7#
105	0.0	36.3	76.3#



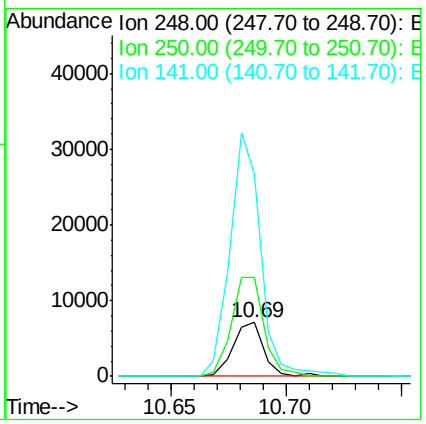


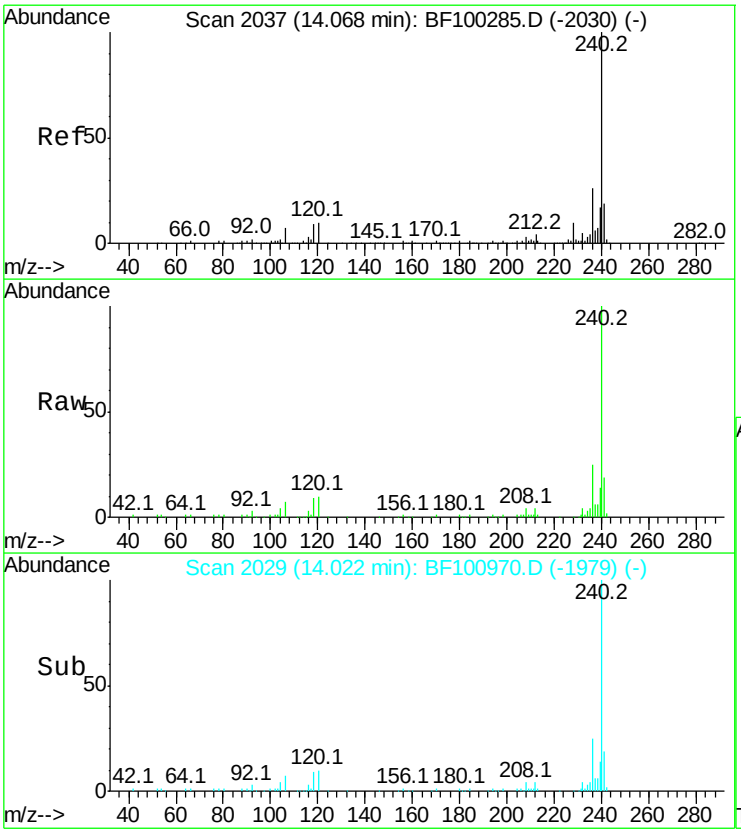
#66
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6634

Ion	Ratio	Lower	Upper
248	100		
250	183.6	76.9	115.3#
141	375.8	74.4	111.6#

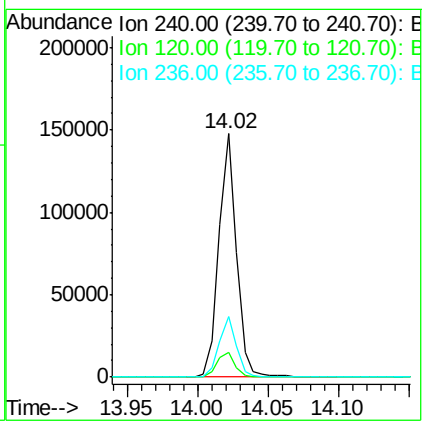


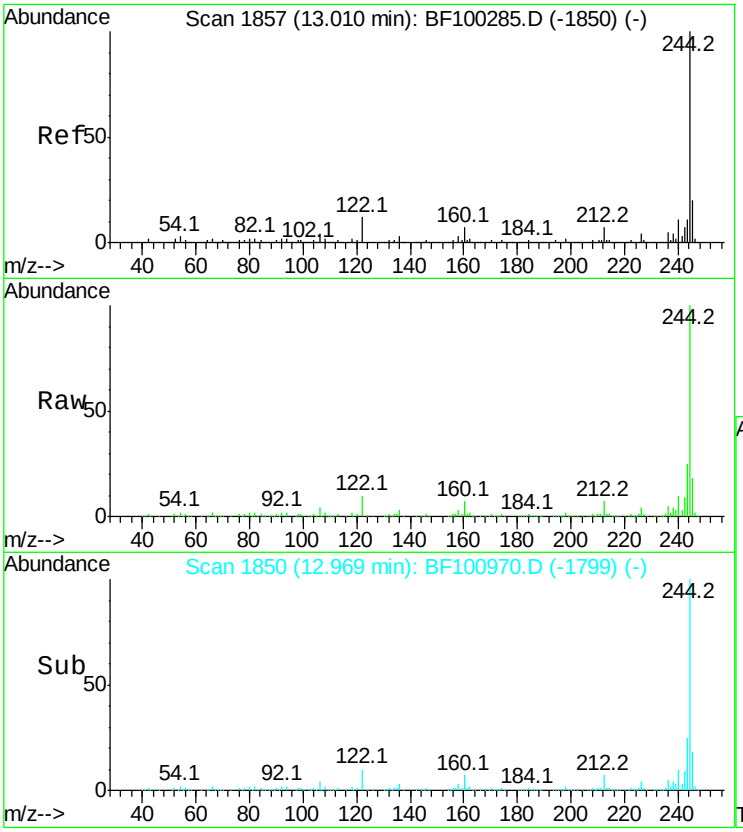


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:240 Resp: 128688

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.0	20.7	31.1



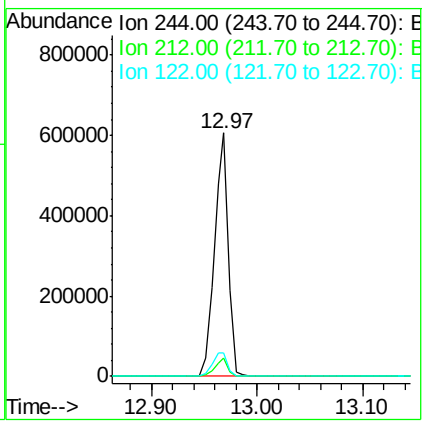


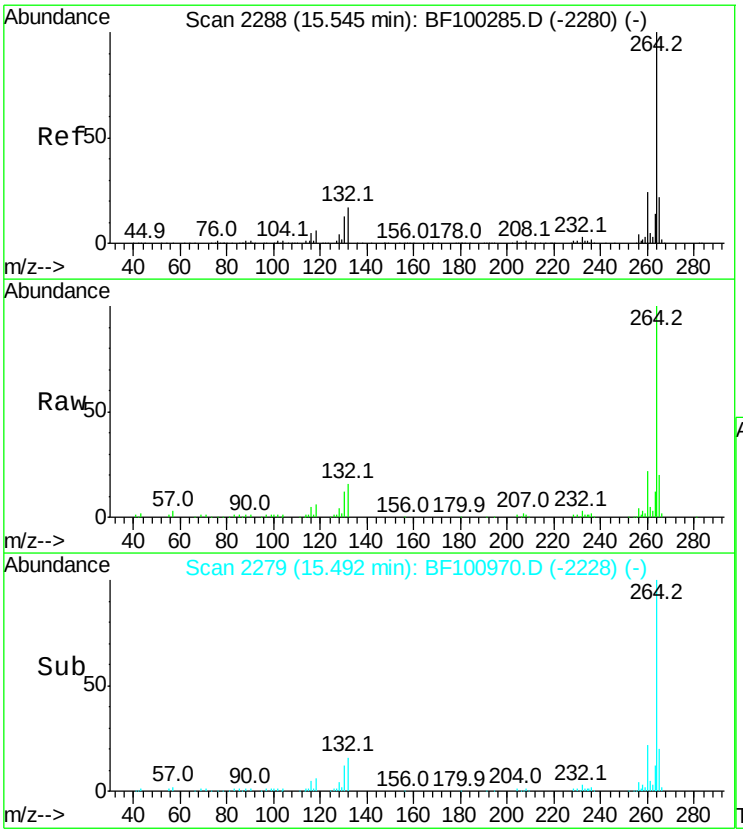
#78
Terphenyl-d14
Concen: 100.406 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 562347

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF100970.D
Acq: 29 Nov 2017 8:26

Tgt Ion:264 Resp: 120215

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.2	17.5	26.3