Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100942.D
Acq On : 28 Nov 2017 19:00
Operator : SJ/JU
Sample : I6610-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 00:40:03 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	62049	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	224499	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	90452	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	142156	20.00	ng		0.00
75) Chrysene-d12	14.02	240	144392	20.00	ng		0.00
86) Perylene-d12	15.49	264	135047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	346628	89.55	ng		0.00
7) Phenol-d6	6.49	99	406361	85.13	ng		0.00
23) Nitrobenzene-d5	7.42	82	245431	72.28	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	80180	86.99	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	470550	79.21	ng		0.00
78) Terphenyl-d14	12.96	244	348380	55.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	14197	2.833	ng		78
19) n-Nitroso-di-n-propylamine	7.42	70	31928	9.645	ng	#	83
25) Isophorone	7.42	82	245426	34.394	ng	#	64
47) 2-Nitroaniline	9.60	65	351	2.981	ng	#	1
49) Dimethylphthalate	9.60	163	45695	6.617	ng		98
56) 2,4-Dinitrotoluene	9.89	165	10994	6.375	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.68	198	107	8.692	ng	#	16
66) 4-Bromophenyl-phenylether	10.68	248	5092	3.341	ng	#	1

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

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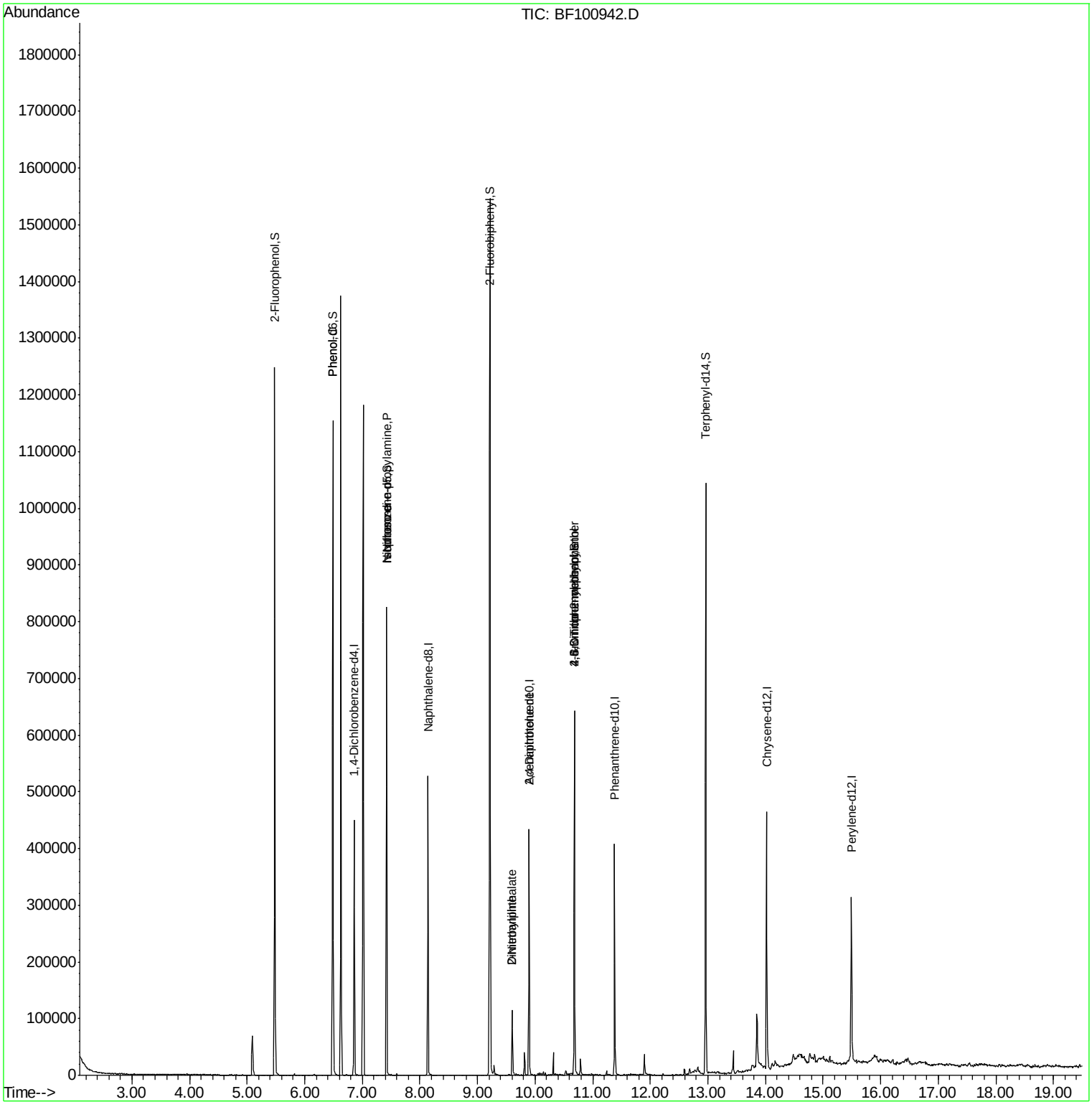
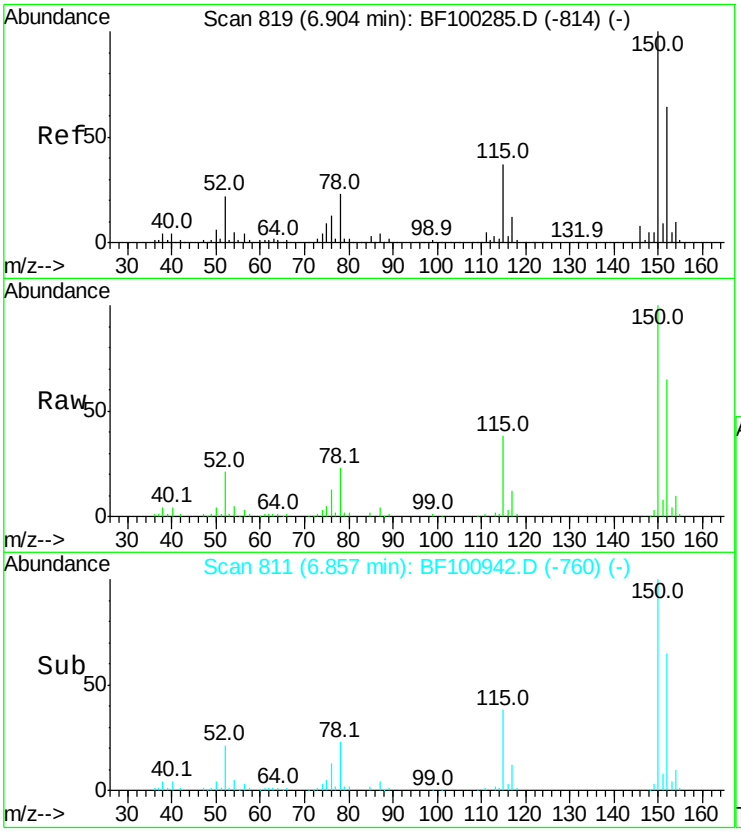


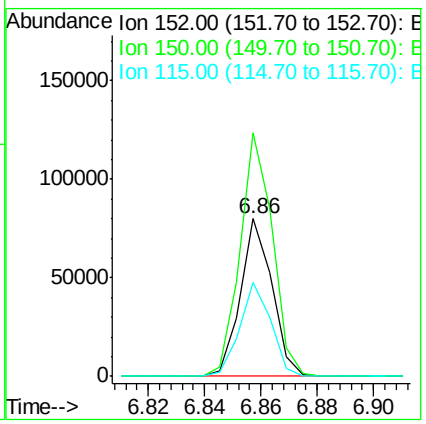


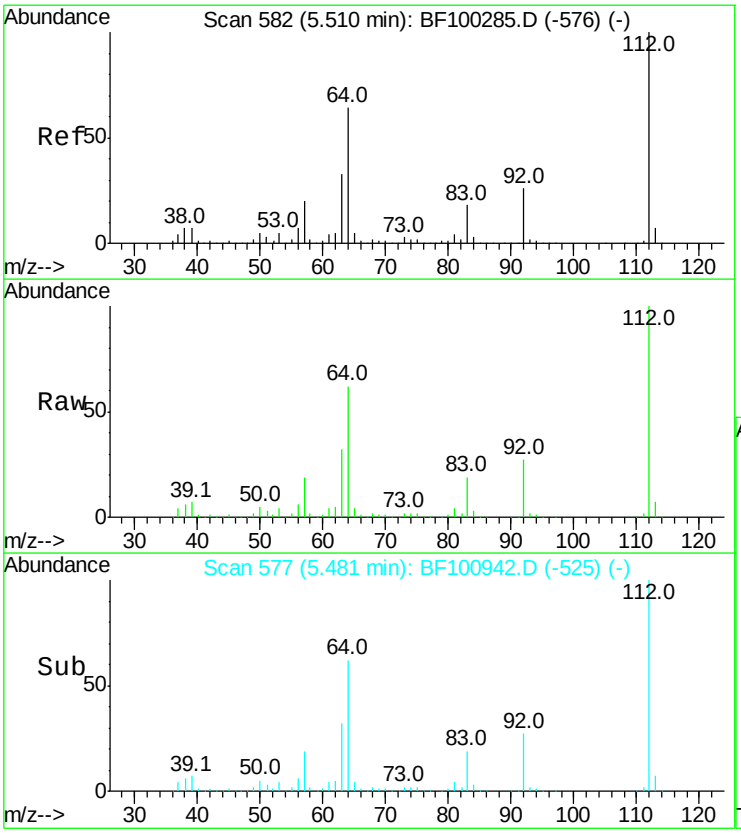
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62049

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.4	50.1	75.1

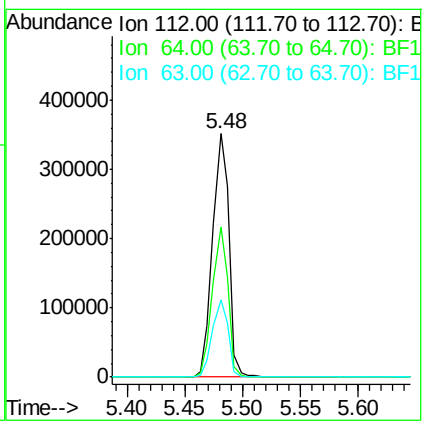


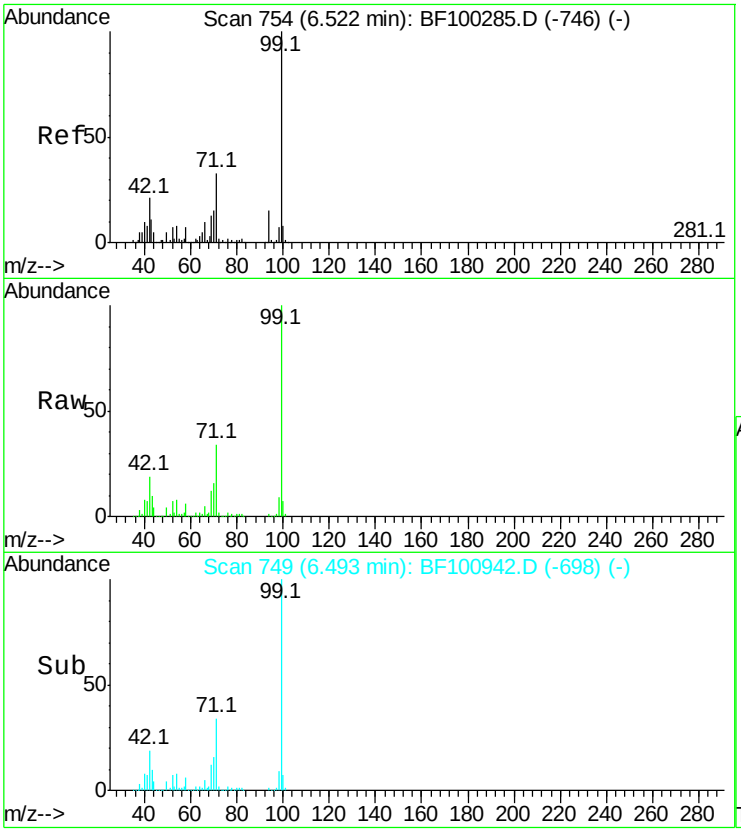


#5
2-Fluorophenol
Concen: 89.549 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:112 Resp: 346628

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.9	23.7	35.5



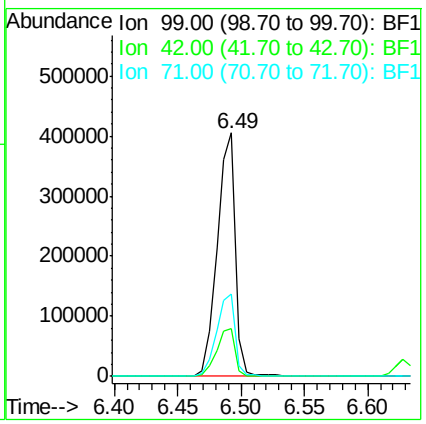


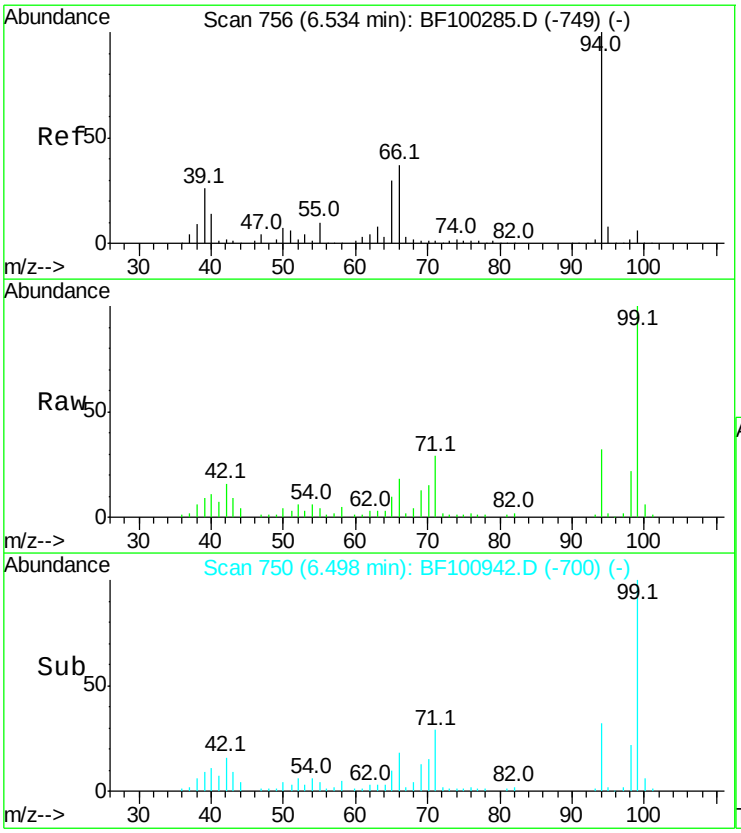
#7
Phenol-d6
Concen: 85.133 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 406361

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.8	25.4	38.0

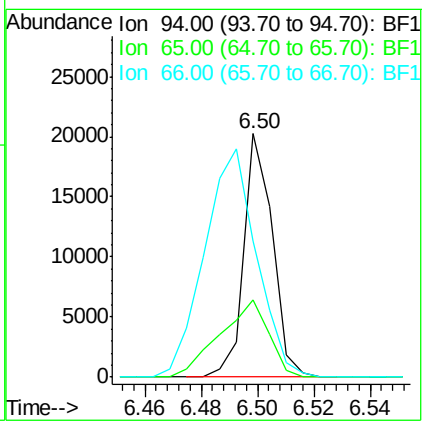


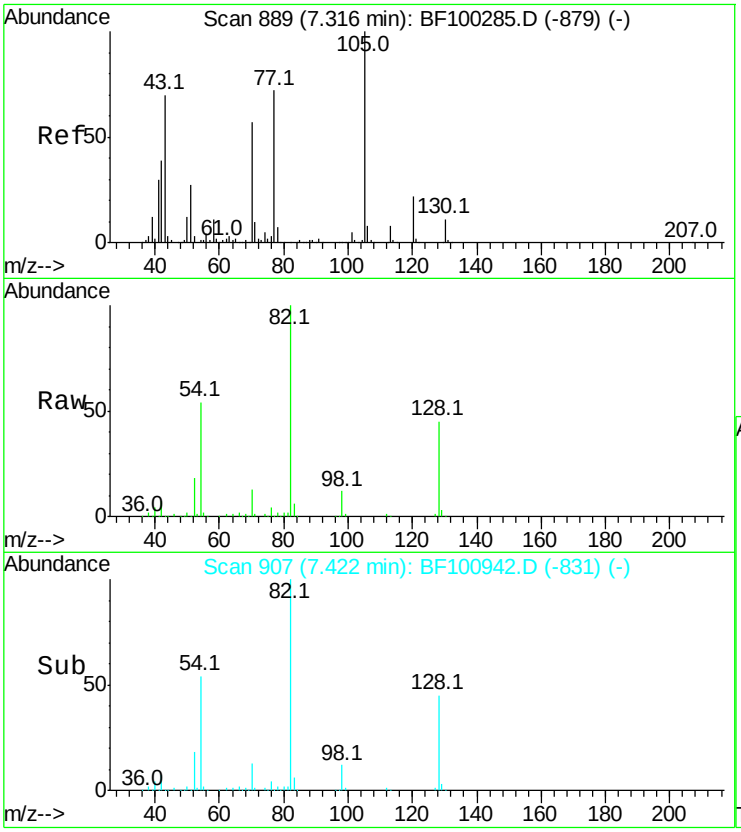


#10
Phenol
Concen: 2.833 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion: 94 Resp: 14197

Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.9	47.9
66	56.0	16.2	56.2



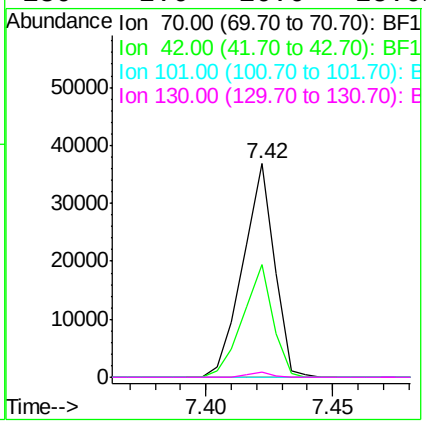


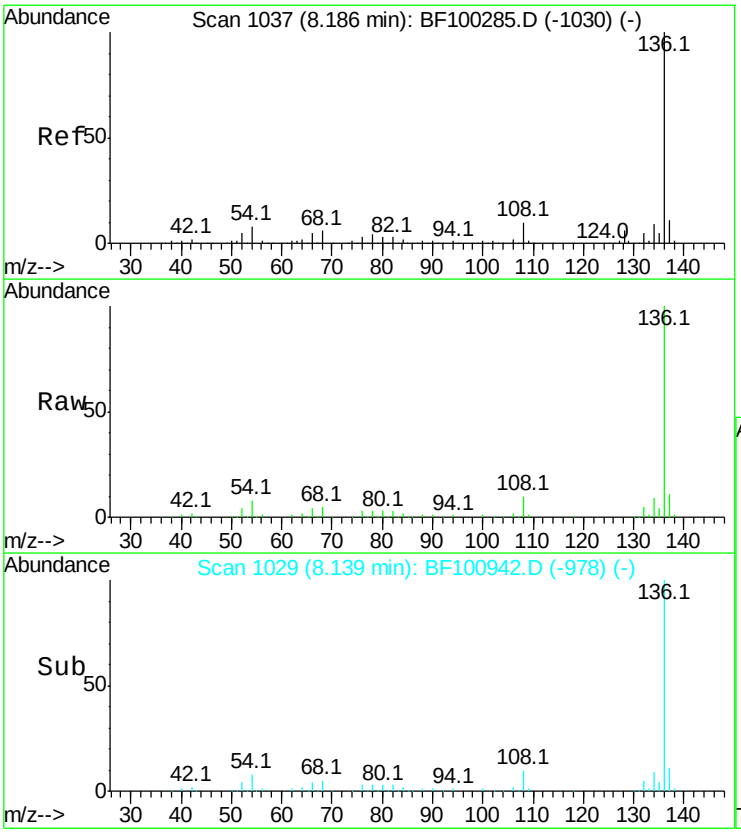
#19
n-Nitroso-di-n-propylamine
Concen: 9.645 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 31928

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

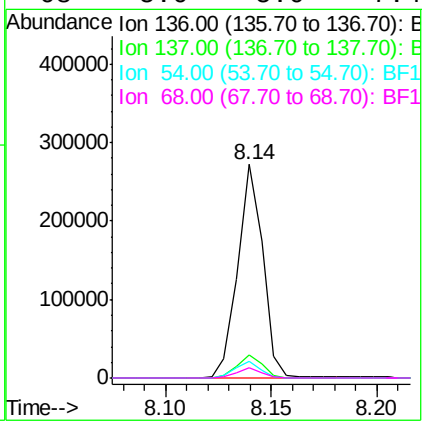


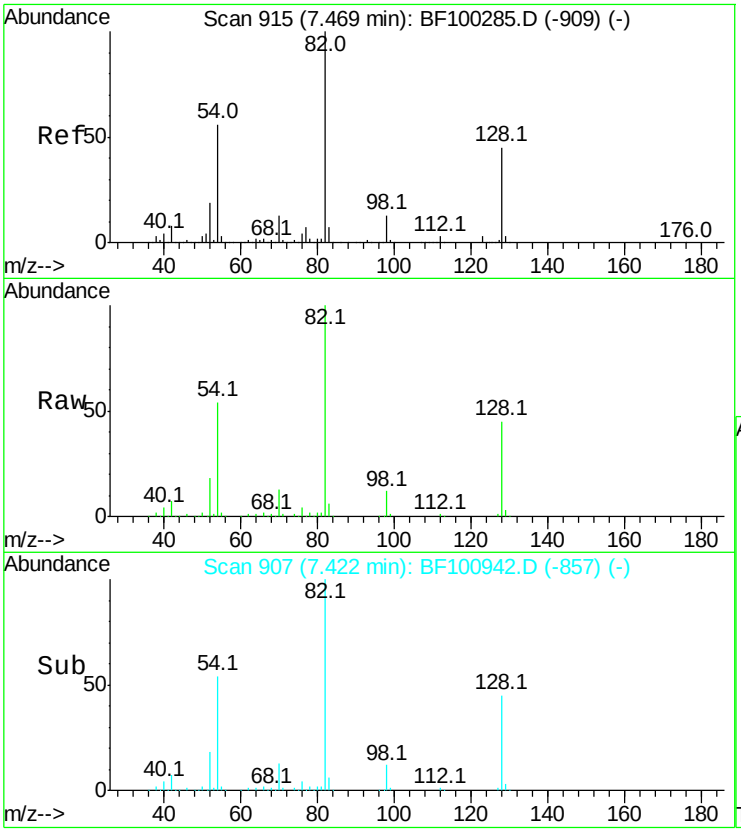


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:136 Resp: 224499

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	5.0	5.0	7.4



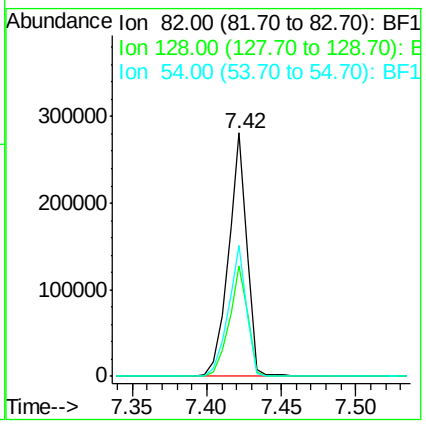


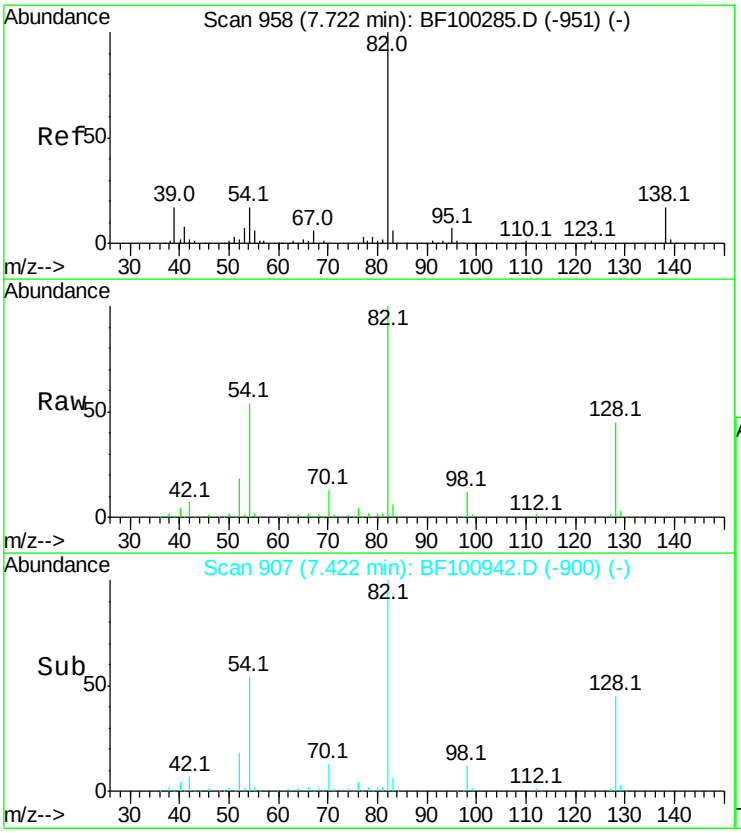
#23
Nitrobenzene-d5
Concen: 72.278 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 245431

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.8	41.4	62.2

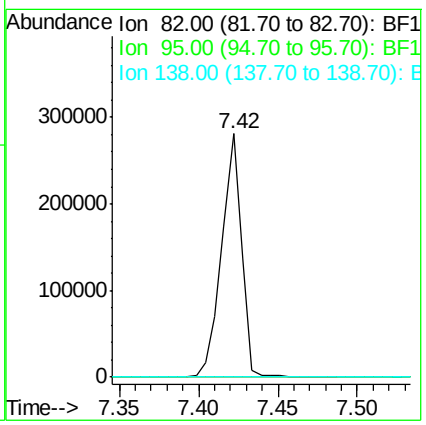


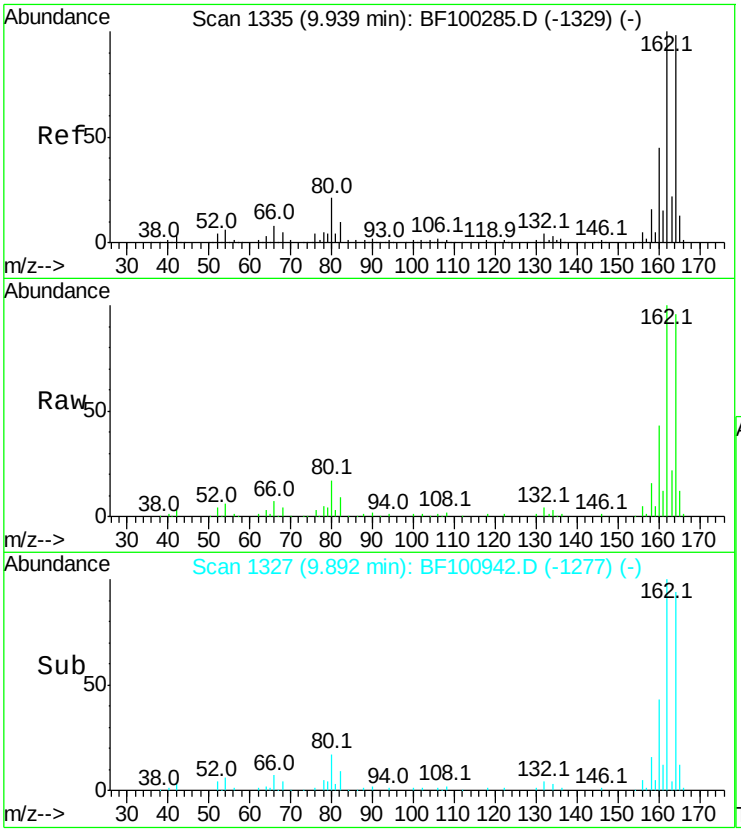


#25
Isophorone
Concen: 34.394 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion: 82 Resp: 245426

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



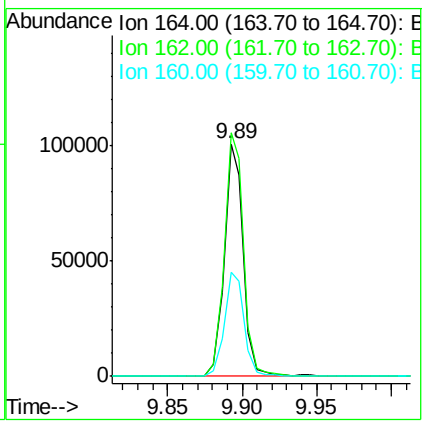


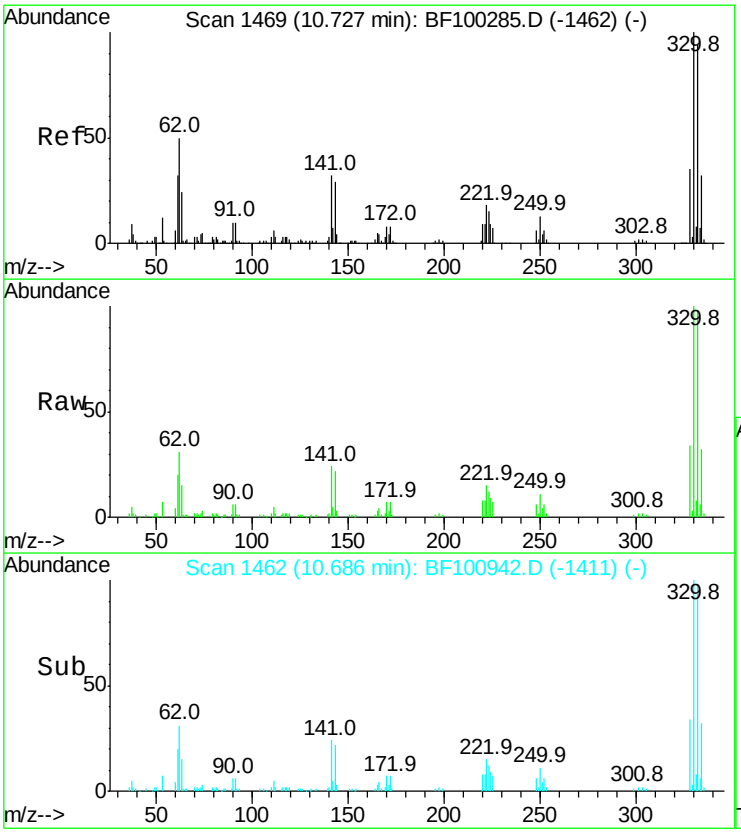
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 90452

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.7	38.3	57.5

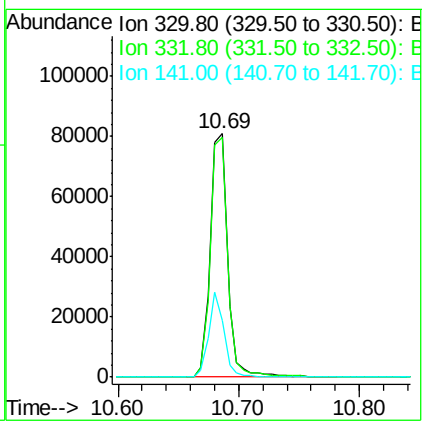


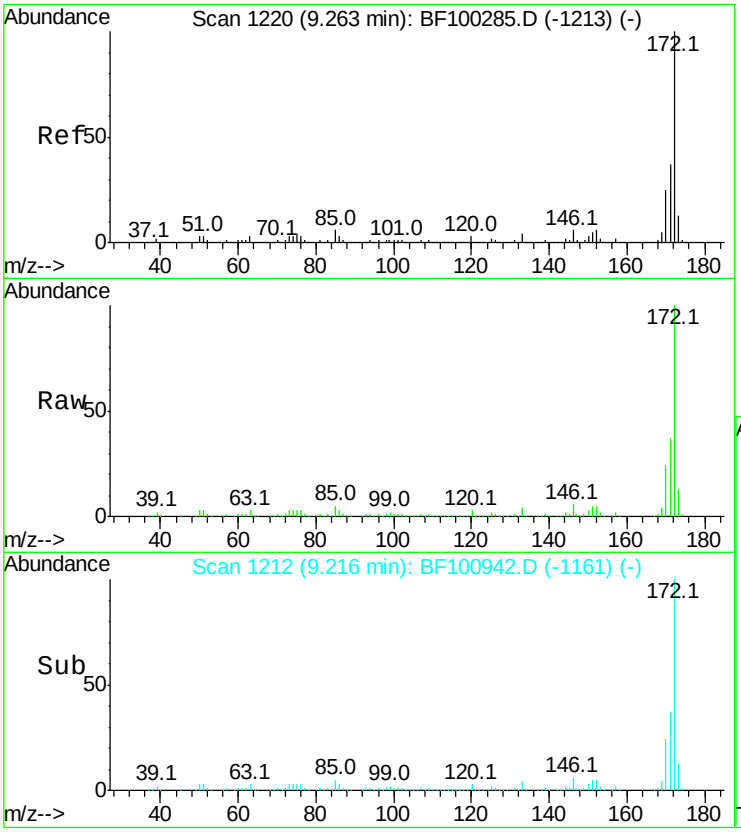


#41
2,4,6-Tribromophenol
Concen: 86.991 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:330 Resp: 80180

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	30.5	29.9	44.9



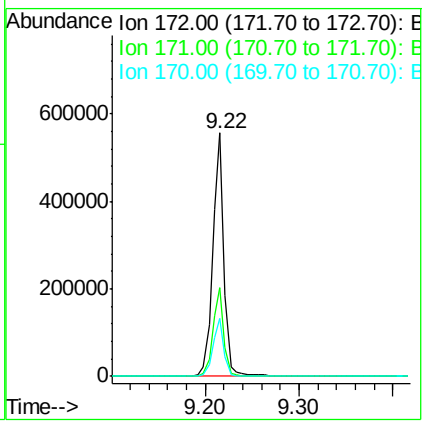


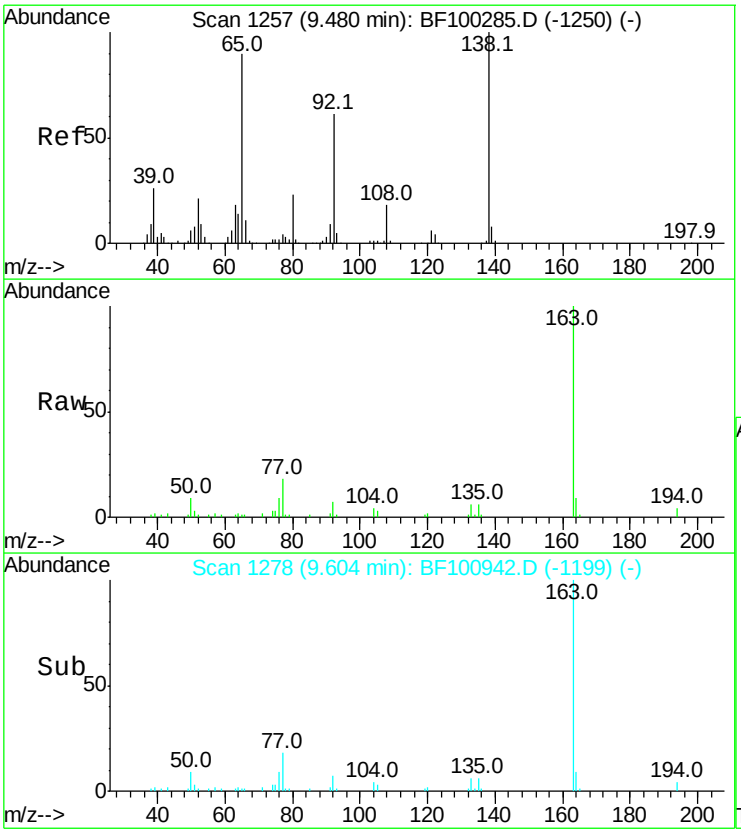
#44
2-Fluorobiphenyl
Concen: 79.215 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 470550

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.6	19.6	29.4

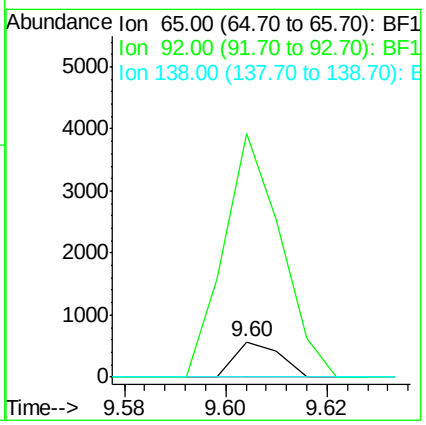


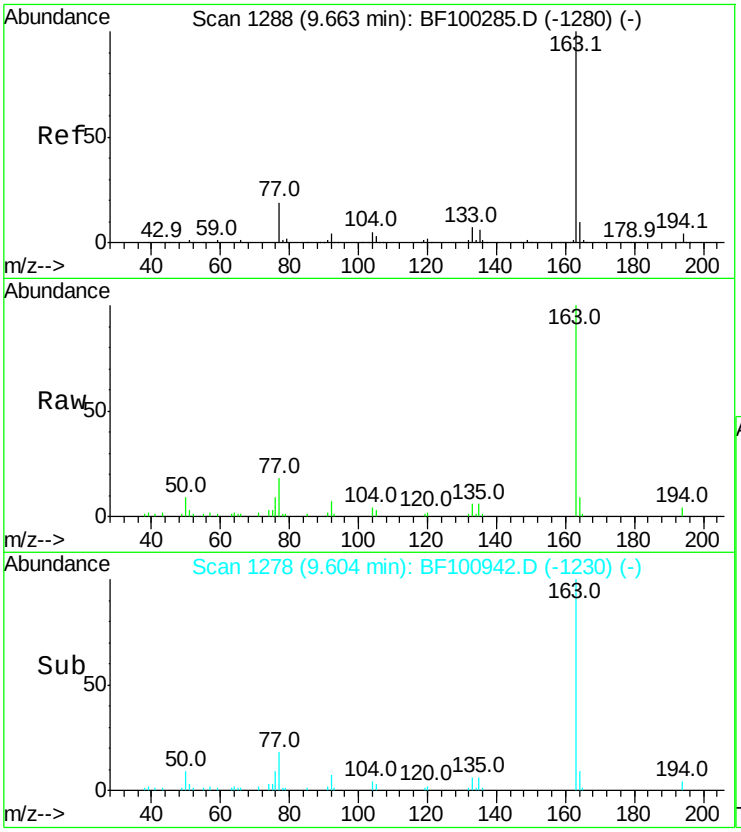


#47
2-Nitroaniline
Concen: 2.981 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion: 65 Resp: 351

Ion	Ratio	Lower	Upper
65	100		
92	690.8	55.8	83.6#
138	0.0	91.2	136.8#



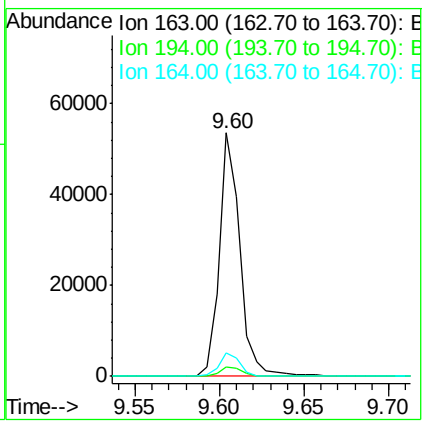


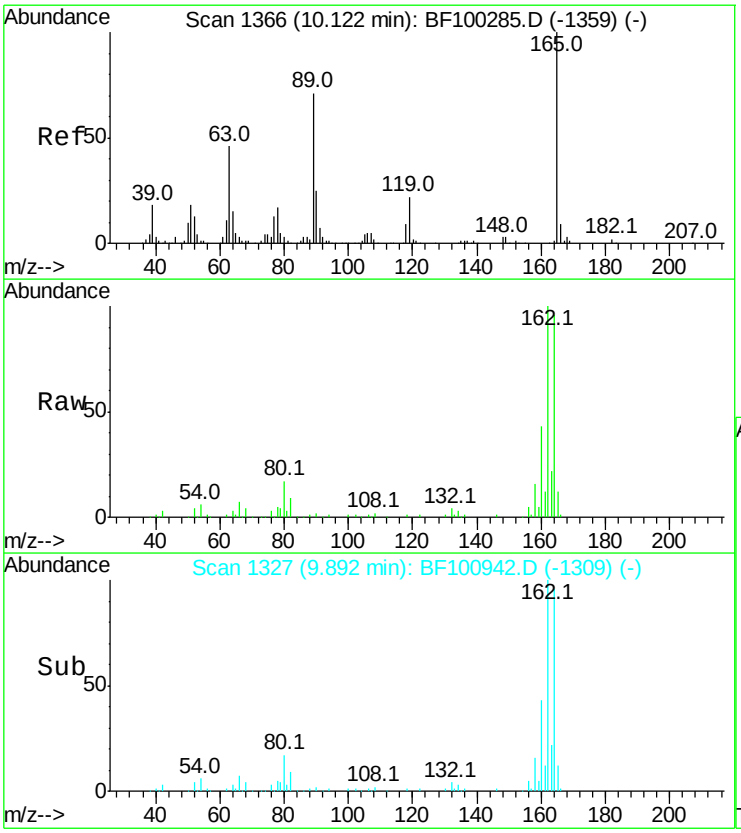
#49
Dimethylphthalate
Concen: 6.617 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 45695

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.5	8.2	12.2

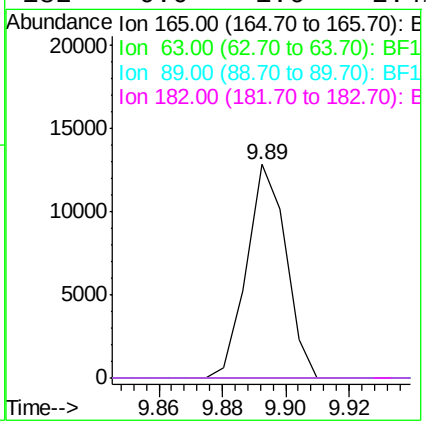


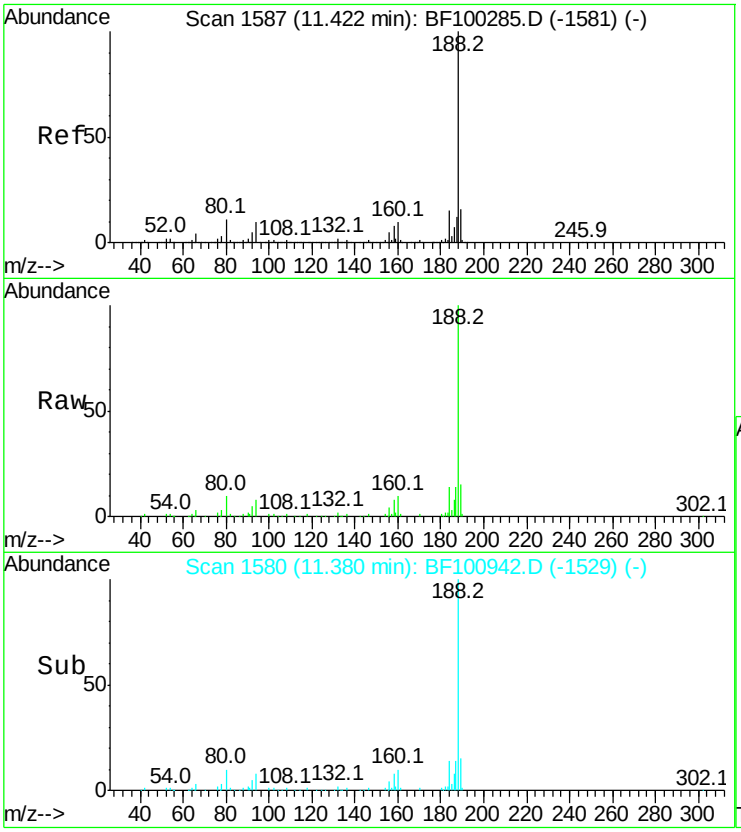


#56
2,4-Dinitrotoluene
Concen: 6.375 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:165 Resp: 10994

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#



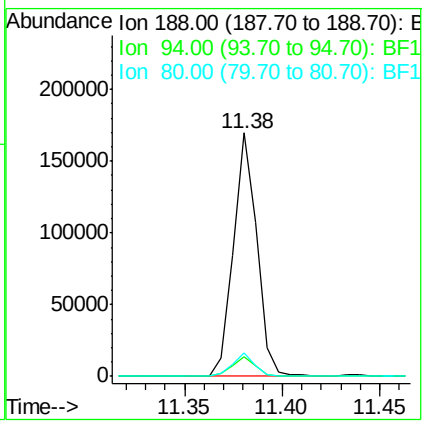


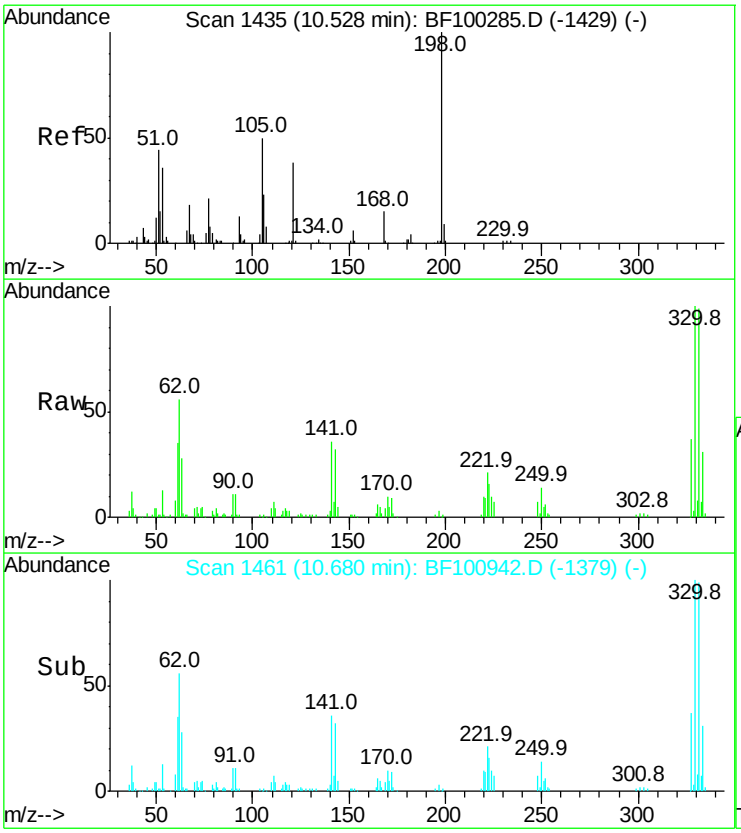
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 142156

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.7	9.2	13.8

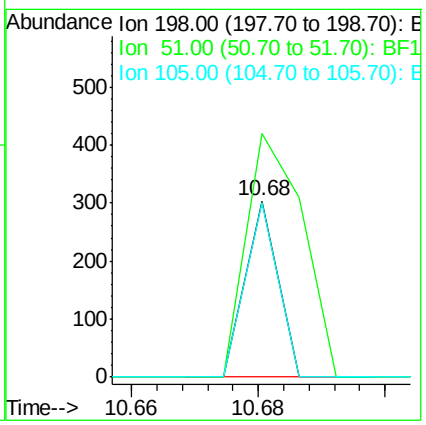


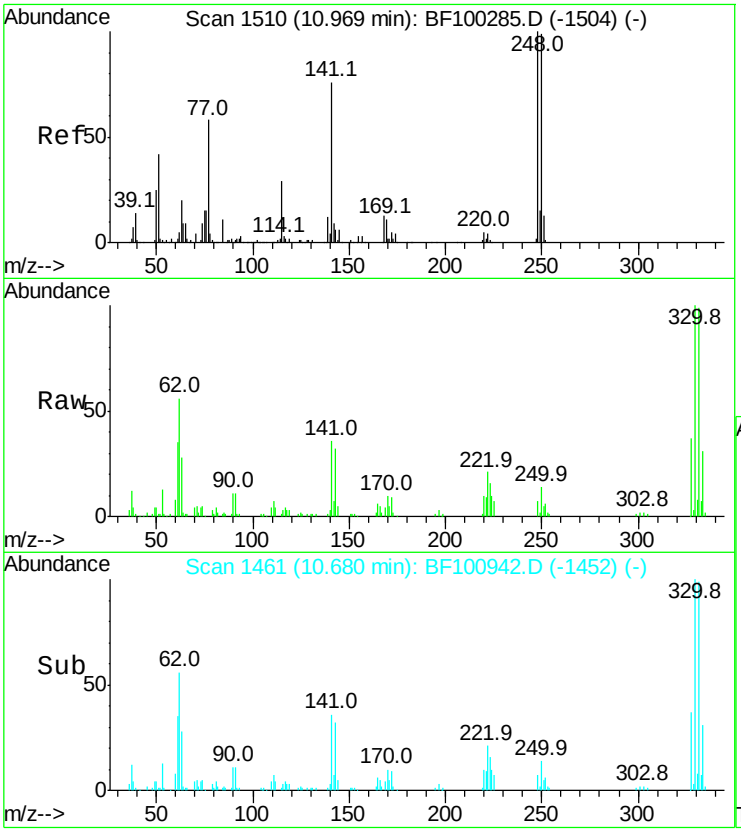


#64
4,6-Dinitro-2-methylphenol
Concen: 8.692 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	138.6	37.7	77.7#
105	99.0	36.3	76.3#



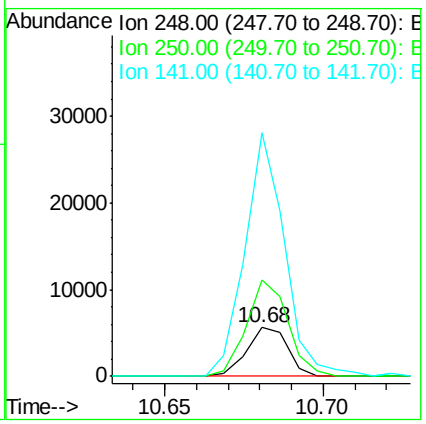


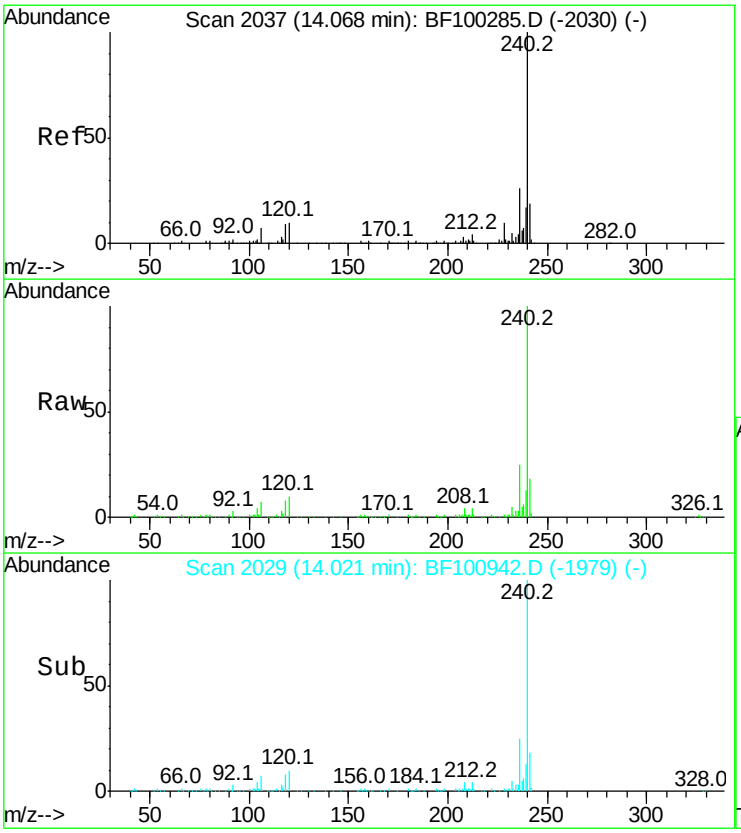
#66
4-Bromophenyl-phenylether
Concen: 3.341 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5092

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	497.4	74.4	111.6#

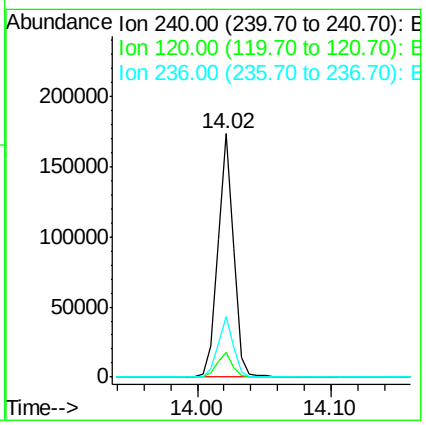


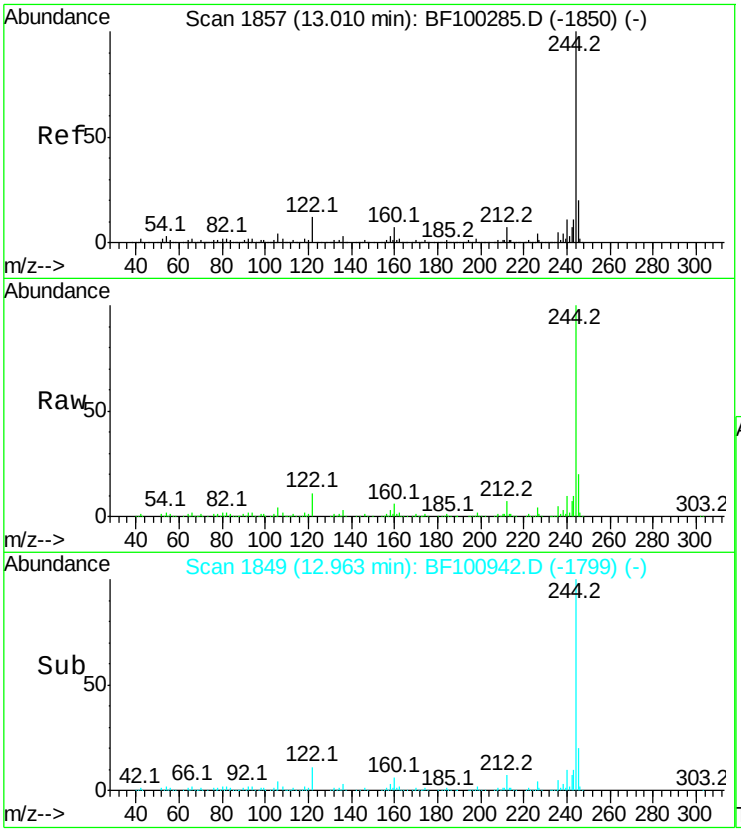


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:240 Resp: 144392

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.1	20.7	31.1



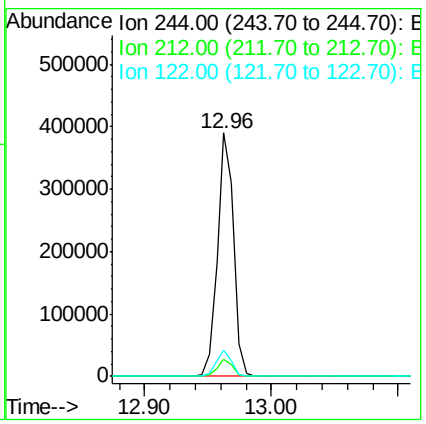


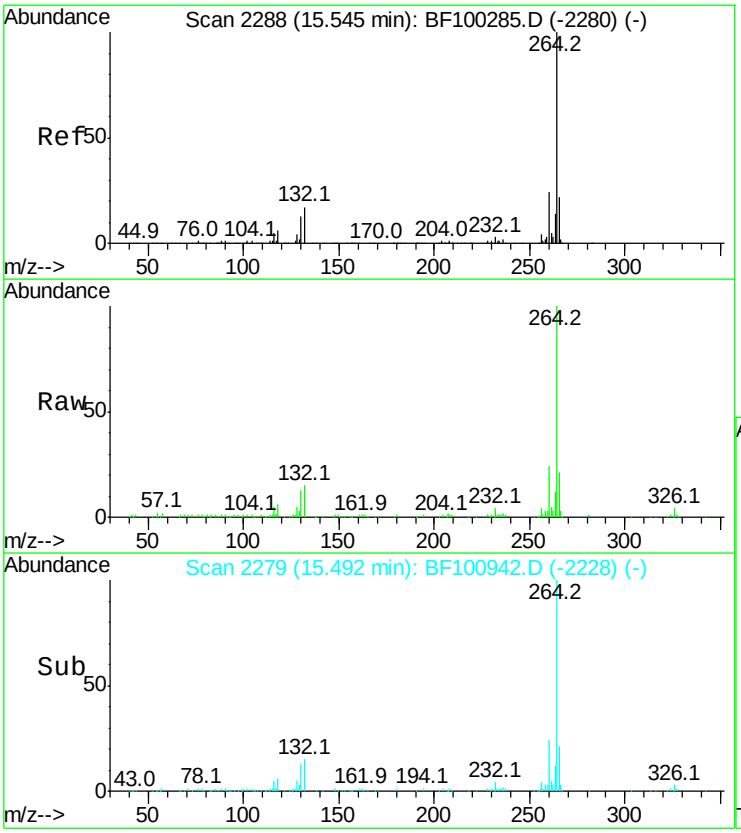
#78
Terphenyl-d14
Concen: 55.438 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100942.D
Acq: 28 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 348380

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	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: BF100942.D
Acq: 28 Nov 2017 19:00

Tgt Ion:264 Resp: 135047

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3