Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100546.D
Acq On : 14 Nov 2017 16:54
Operator : SJ/JU
Sample : I6389-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-11

Quant Time: Nov 15 00:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133060	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	502726	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	201937	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	318722	20.00	ng		0.00
75) Chrysene-d12	14.05	240	281252	20.00	ng		0.00
86) Perylene-d12	15.52	264	204519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	725032	87.35	ng		0.00
7) Phenol-d6	6.51	99	882558	86.22	ng		0.00
23) Nitrobenzene-d5	7.45	82	532869	70.08	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	152686	74.20	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	813142	61.32	ng		0.00
78) Terphenyl-d14	12.99	244	591682	48.34	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	42208	3.93	ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	70397	9.92	ng	#	82
25) Isophorone	7.45	82	532857	33.35	ng	#	64
47) 2-Nitroaniline	9.63	65	1241	3.10	ng	#	1
49) Dimethylphthalate	9.63	163	133855	8.68	ng		99
56) 2,4-Dinitrotoluene	9.92	165	25108	6.52	ng	#	23
62) Azobenzene	10.63	77	90586	6.23	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.70	198	112	8.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	9751	2.85	ng	#	1

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

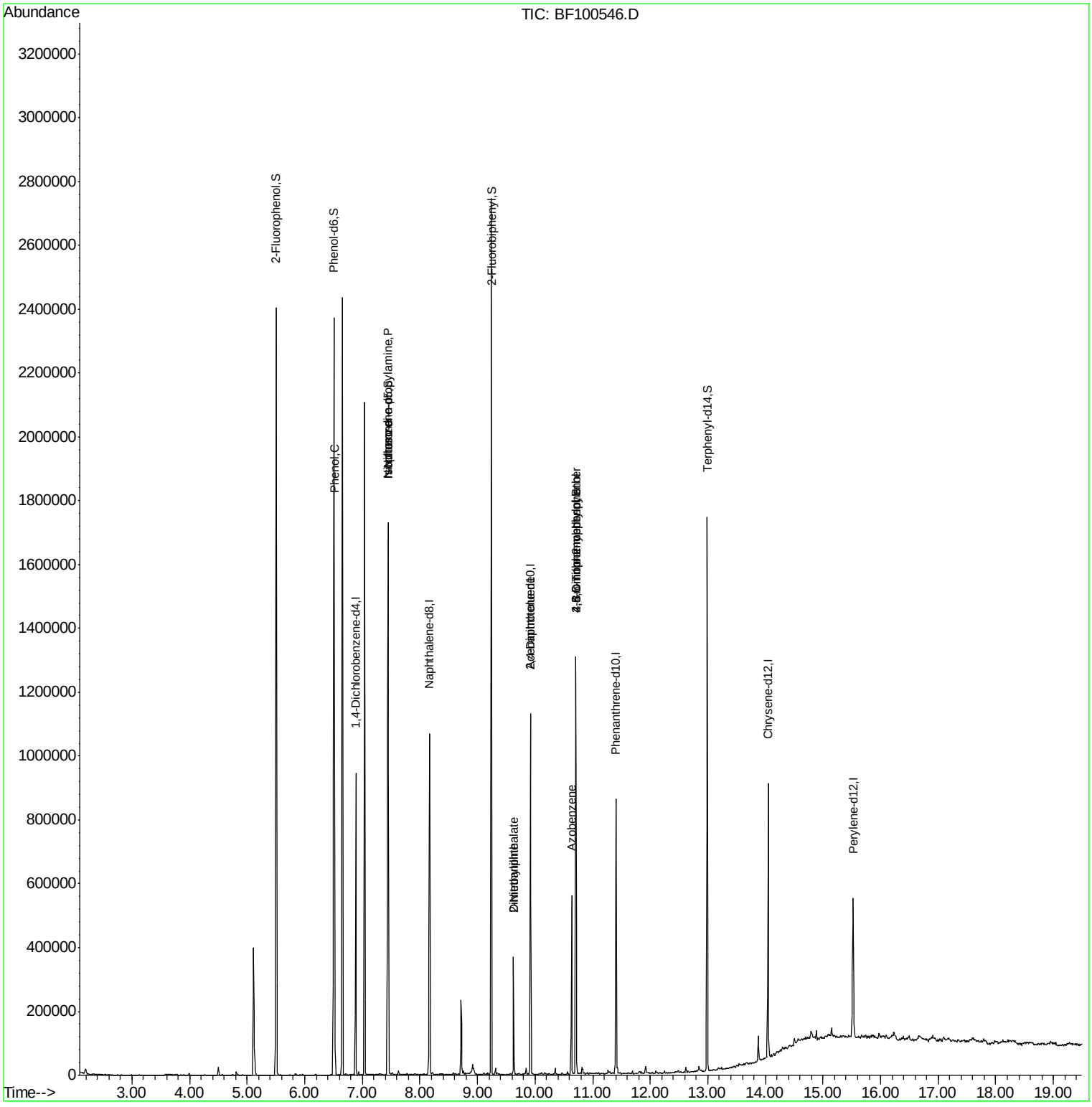
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

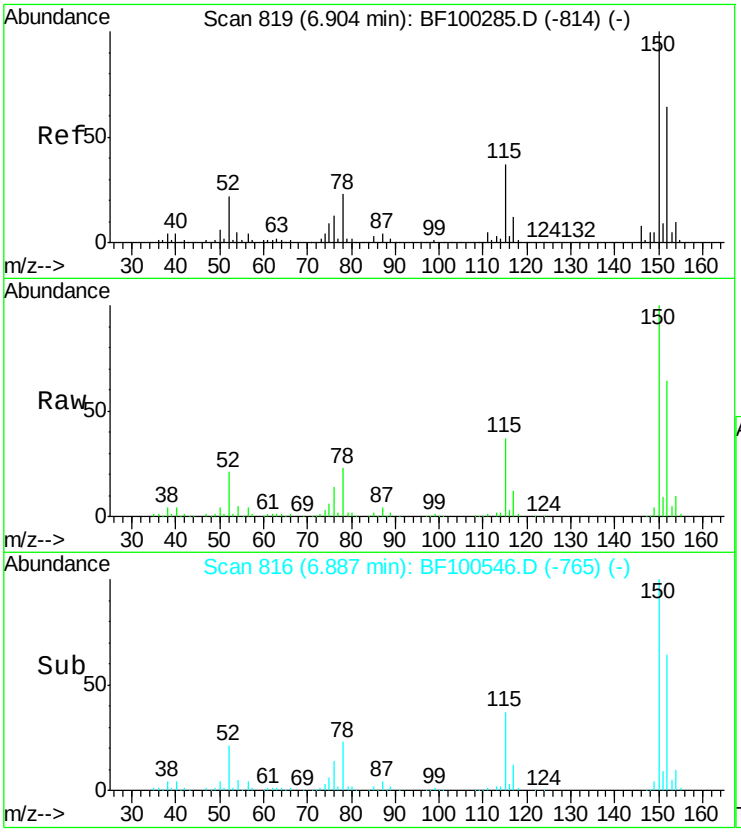
Quantitation Report (Not Reviewed)

Data File : BF100546.D
Acq On : 14 Nov 2017 16:54
Operator : SJ/JU
Sample : I6389-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-11

Quant Time: Nov 15 00:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration



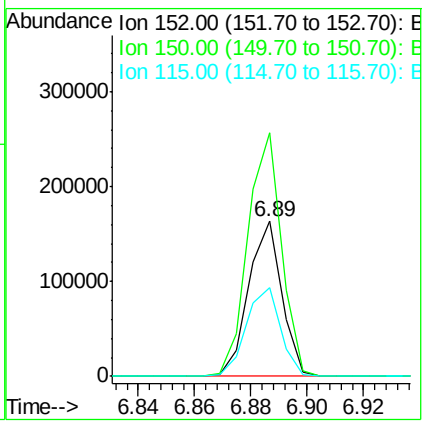


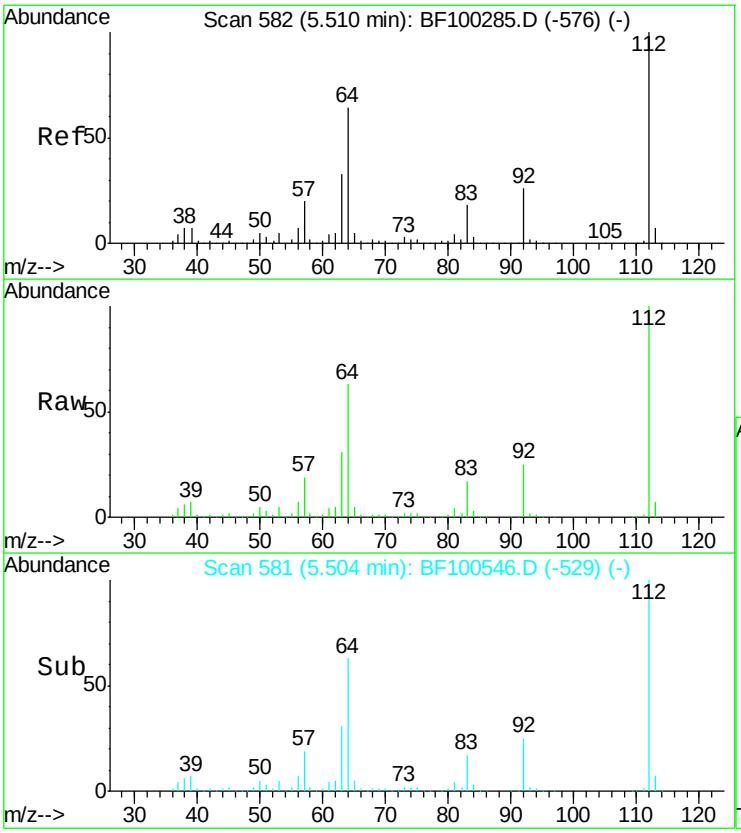
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:152 Resp: 133060

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.4	50.1	75.1

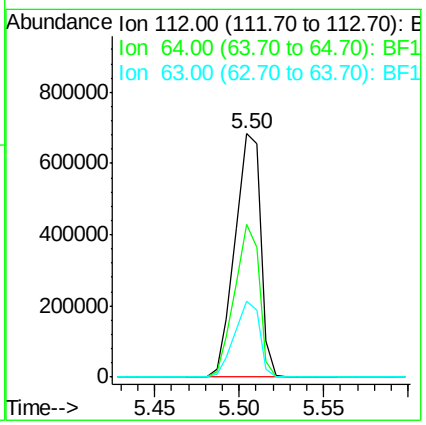


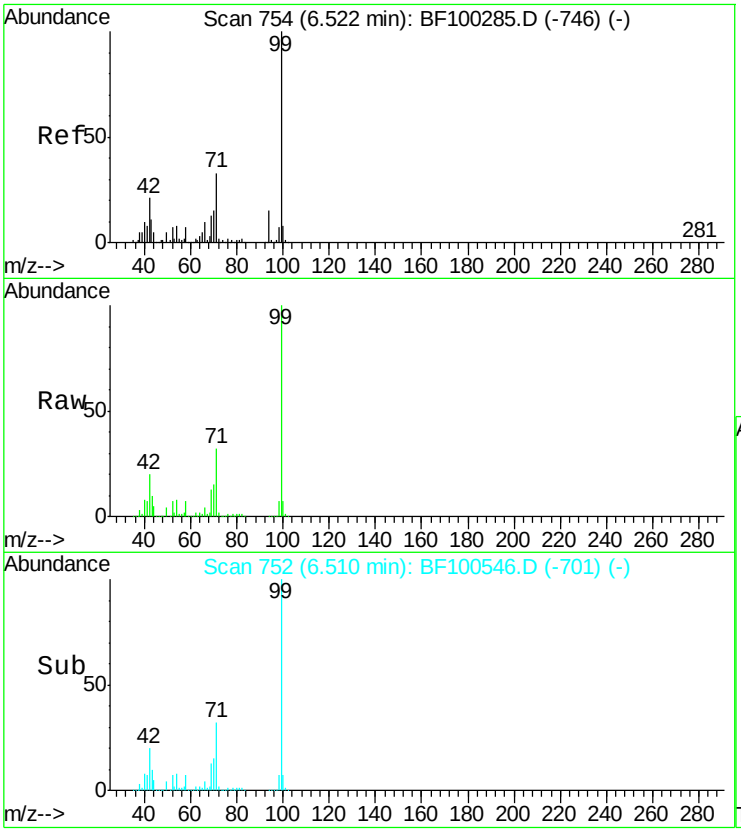


#5
2-Fluorophenol
Concen: 87.35 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:112 Resp: 725032

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.2	23.7	35.5



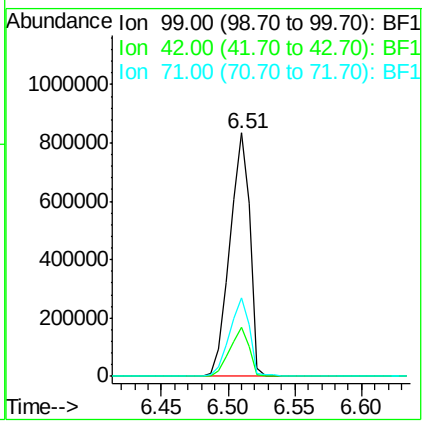


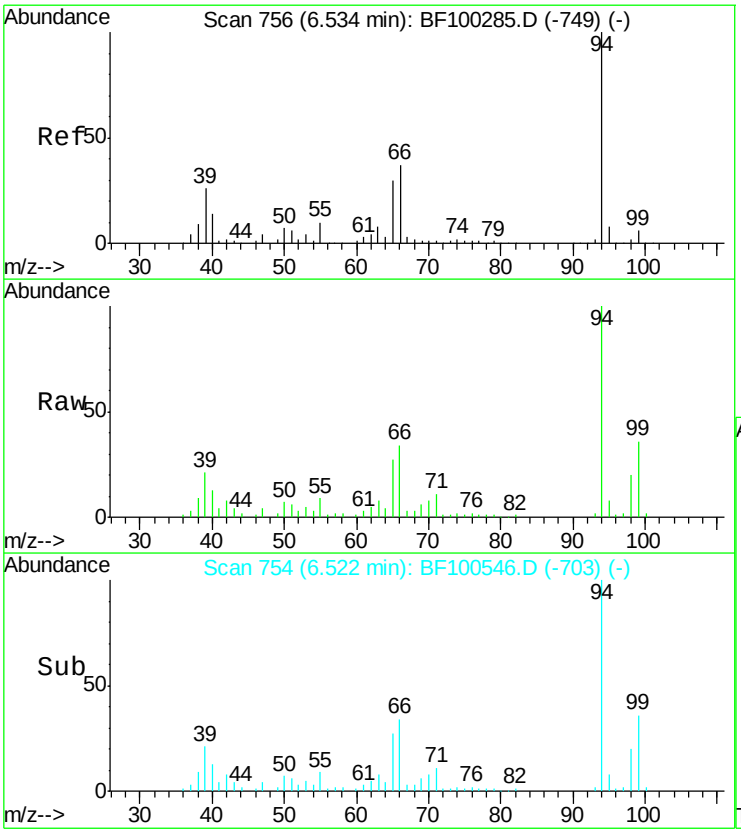
#7
Phenol-d6
Concen: 86.22 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion: 99 Resp: 882558

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.3	25.4	38.0

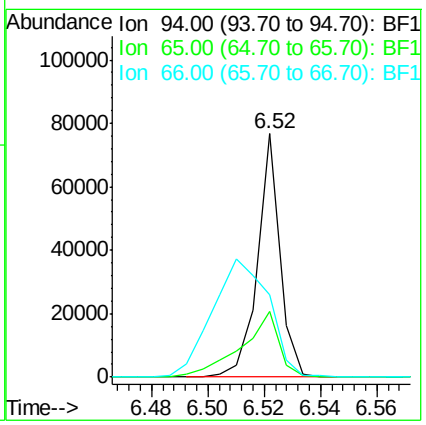


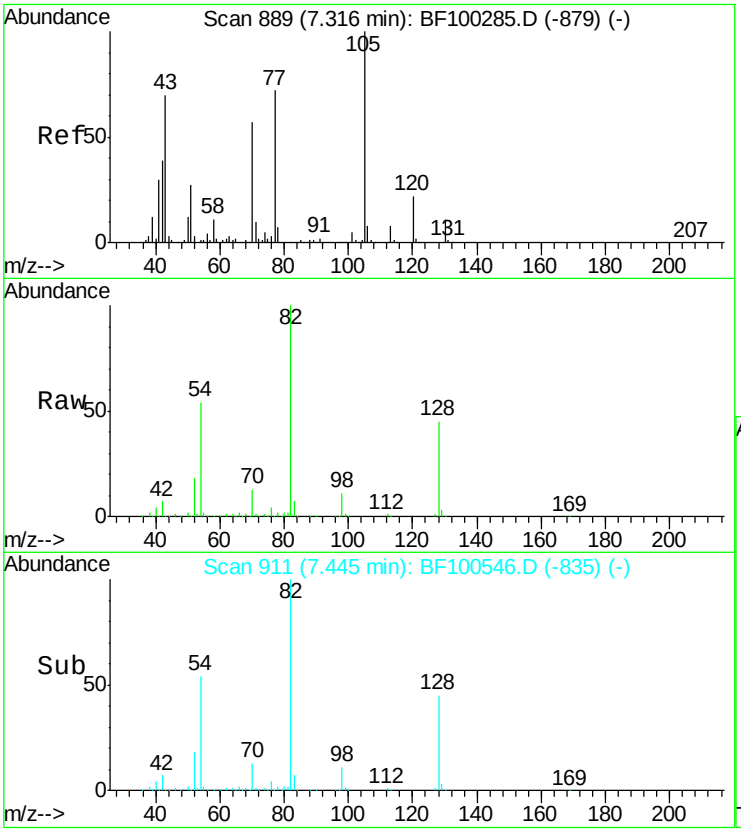


#10
Phenol
Concen: 3.93 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion: 94 Resp: 42208

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	33.8	16.2	56.2



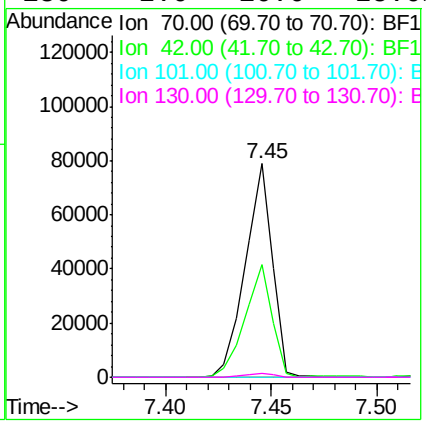


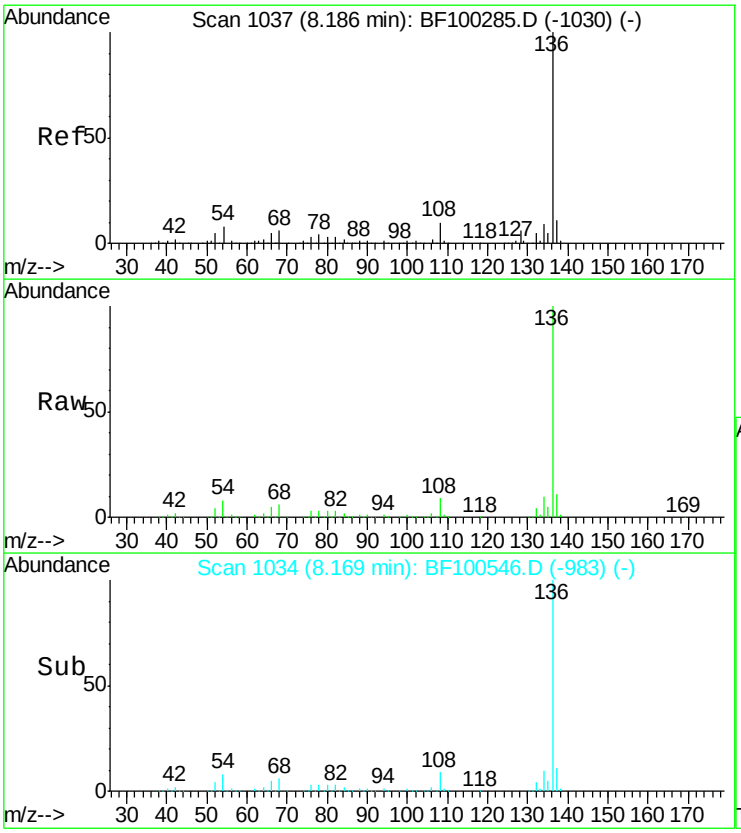
#19
n-Nitroso-di-n-propylamine
Concen: 9.92 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion: 70 Resp: 70397

Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

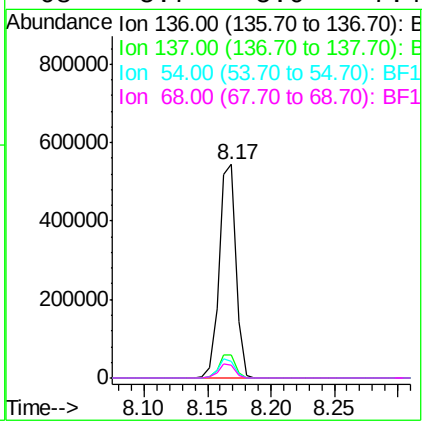


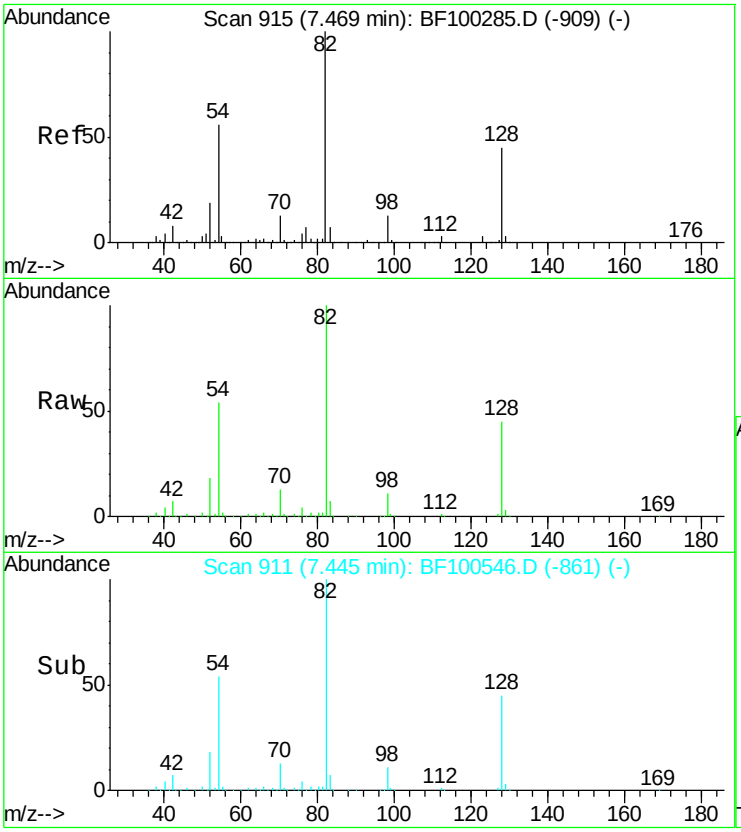


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:136 Resp: 502726

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.7	5.0	7.4



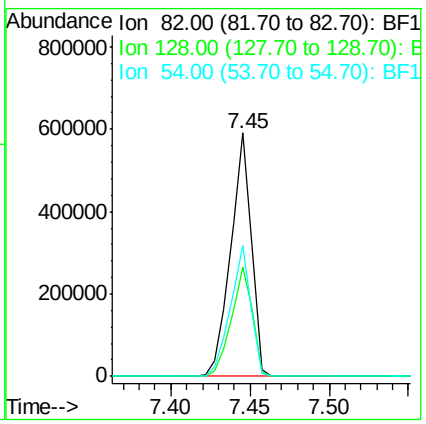


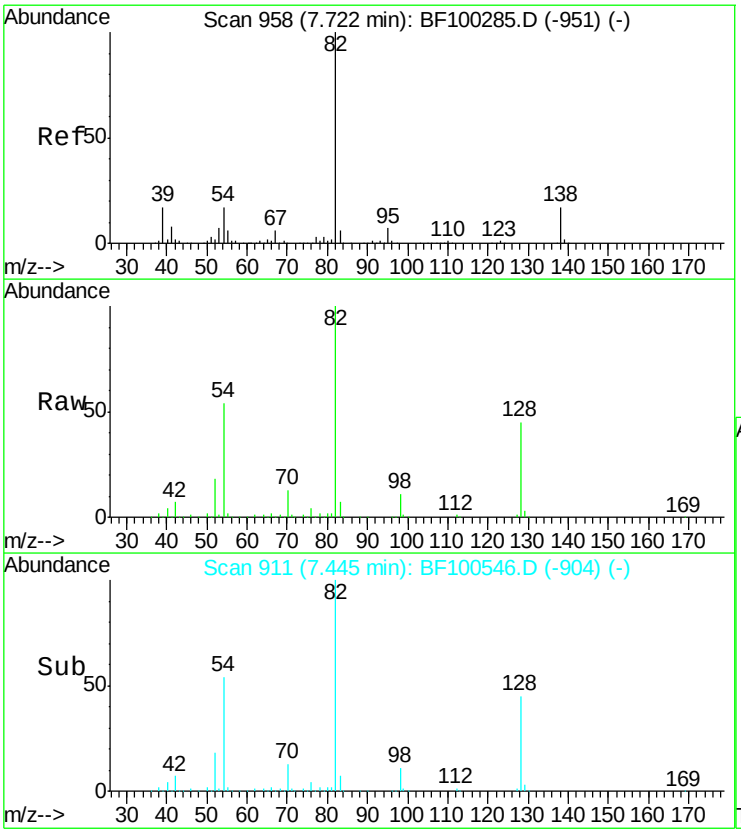
#23
Nitrobenzene-d5
Concen: 70.08 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion: 82 Resp: 532869

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	53.7	41.4	62.2

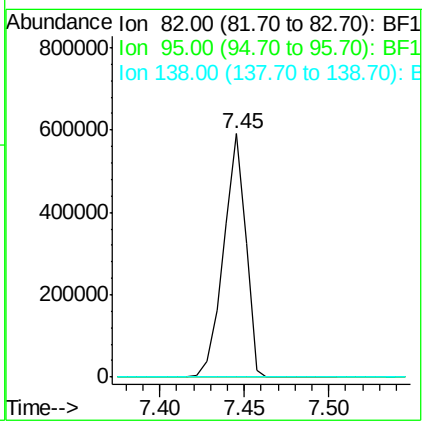


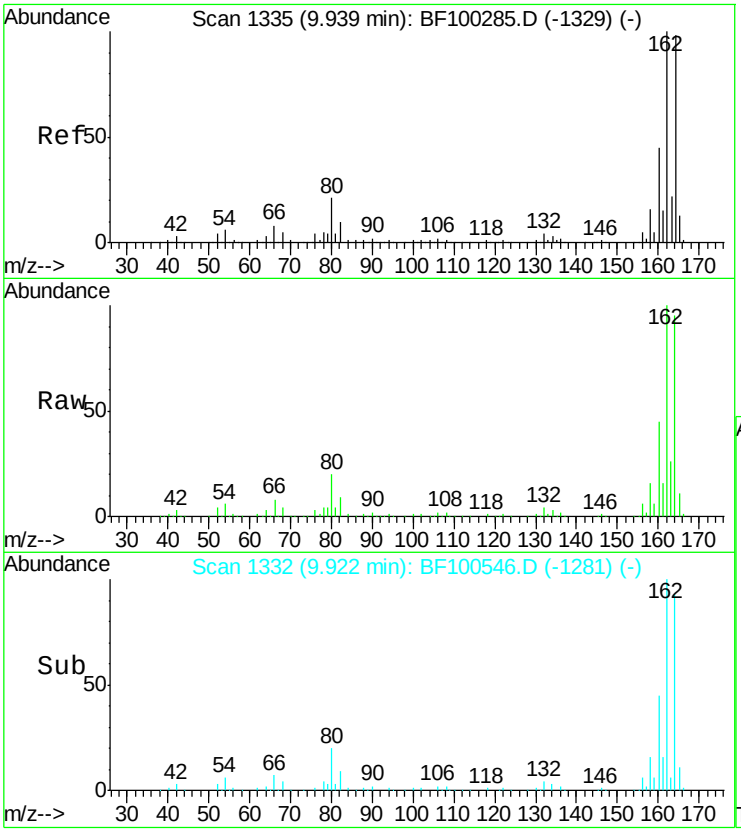


#25
Isophorone
Concen: 33.35 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion: 82 Resp: 532857

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



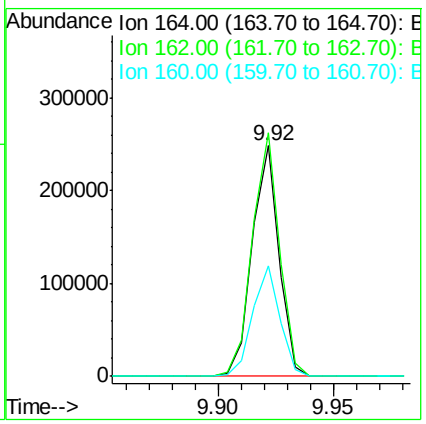


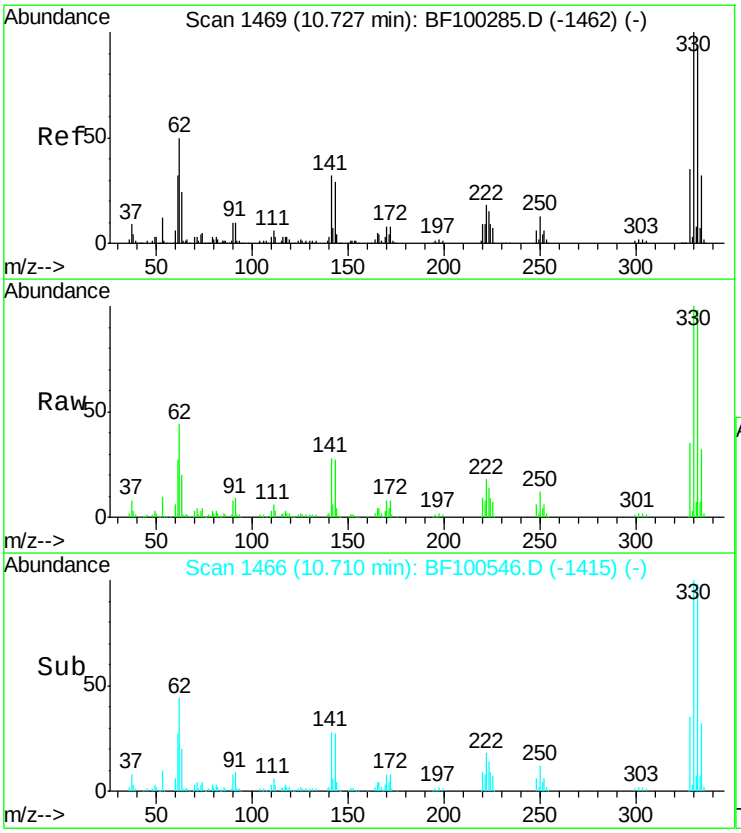
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:164 Resp: 201937

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.8	38.3	57.5

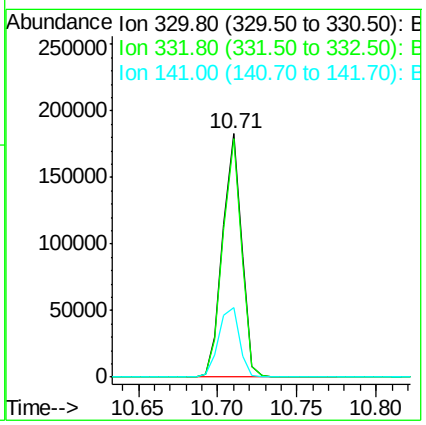


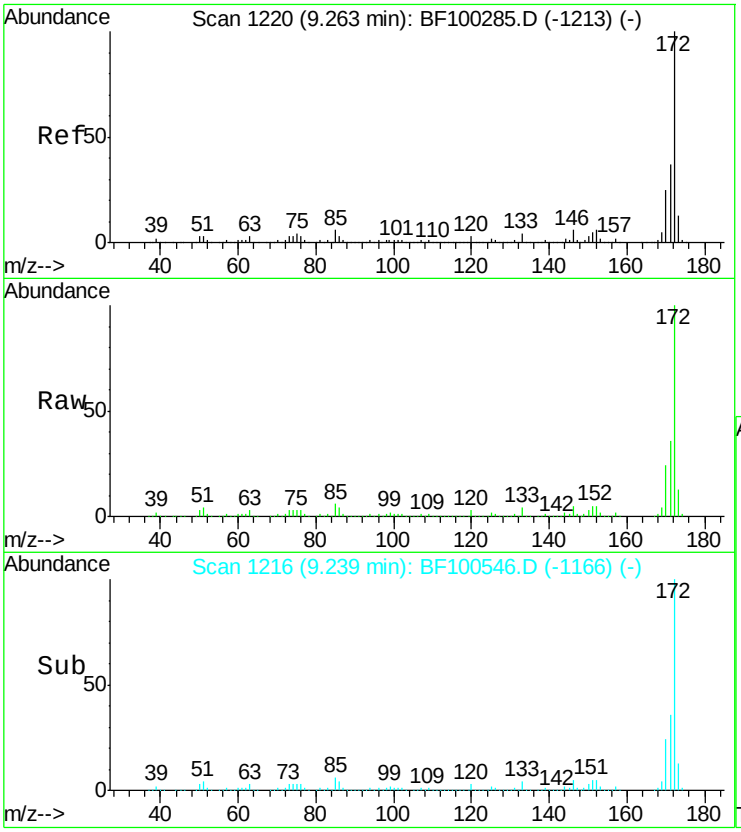


#41
2,4,6-Tribromophenol
Concen: 74.20 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:330 Resp: 152686

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.9	29.9	44.9



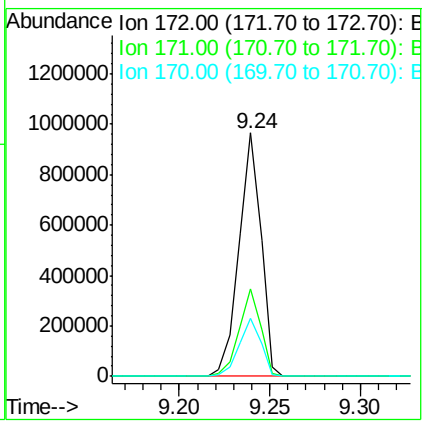


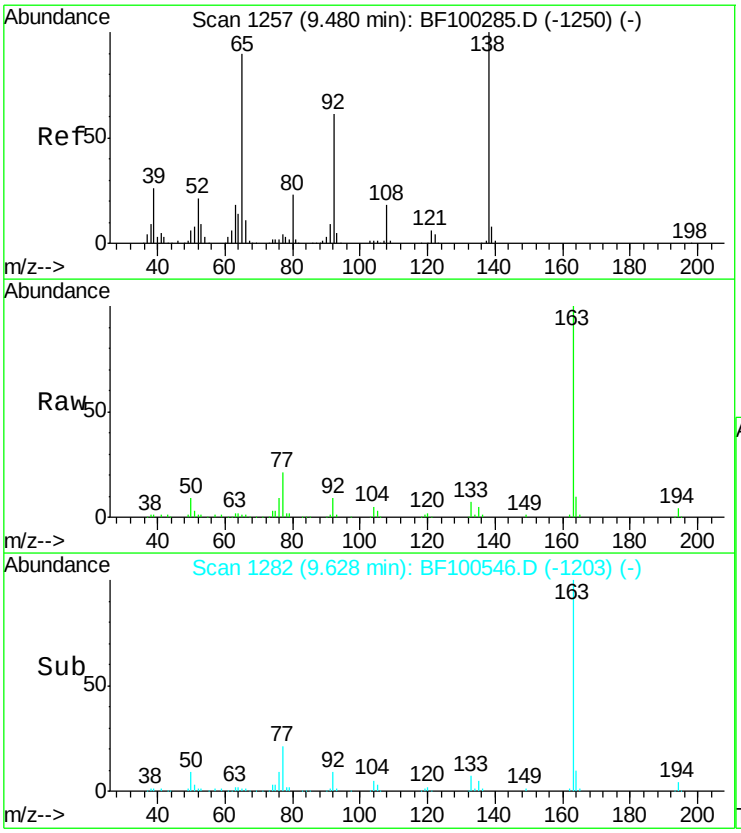
#44
2-Fluorobiphenyl
Concen: 61.32 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:172 Resp: 813142

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

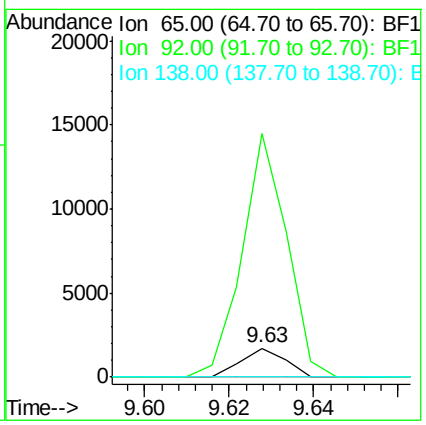


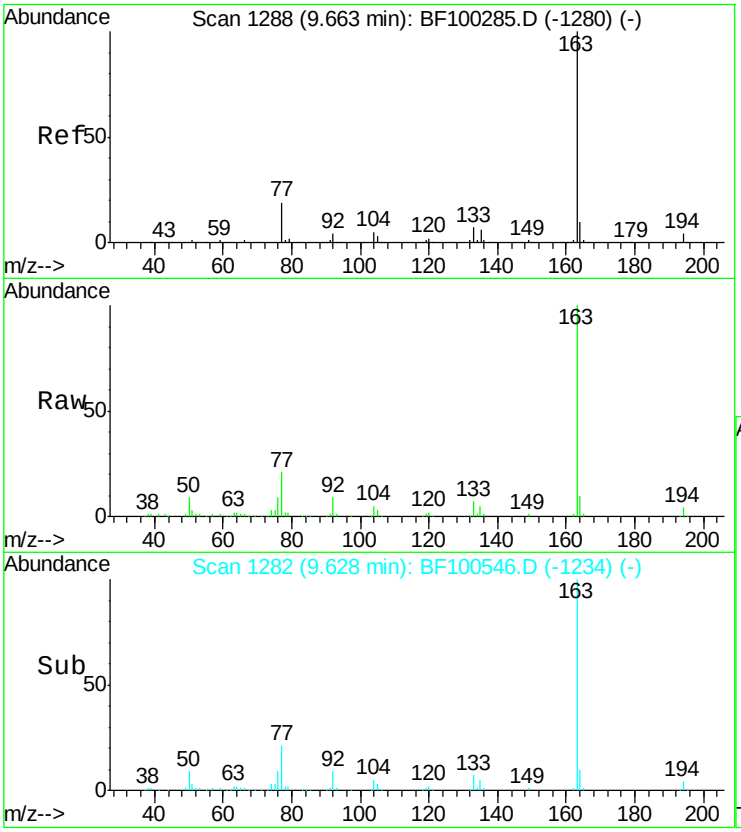


#47
2-Nitroaniline
Concen: 3.10 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion: 65 Resp: 1241

Ion	Ratio	Lower	Upper
65	100		
92	836.7	55.8	83.6#
138	0.0	91.2	136.8#



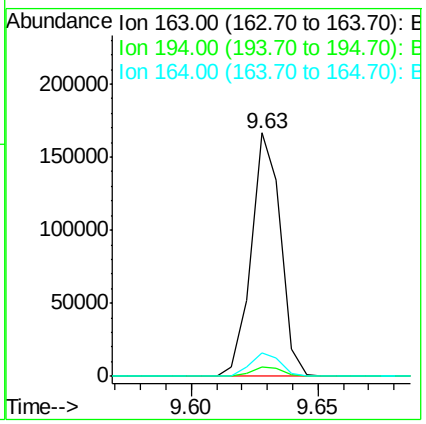


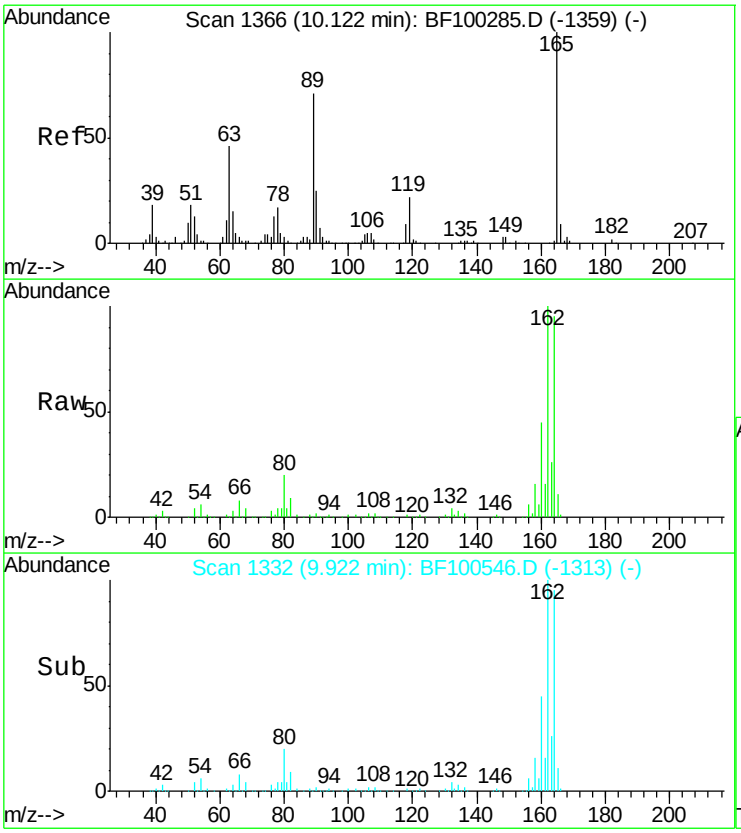
#49
Dimethylphthalate
Concen: 8.68 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:163 Resp: 133855

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

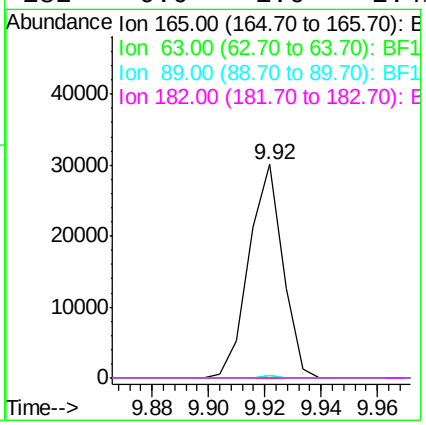


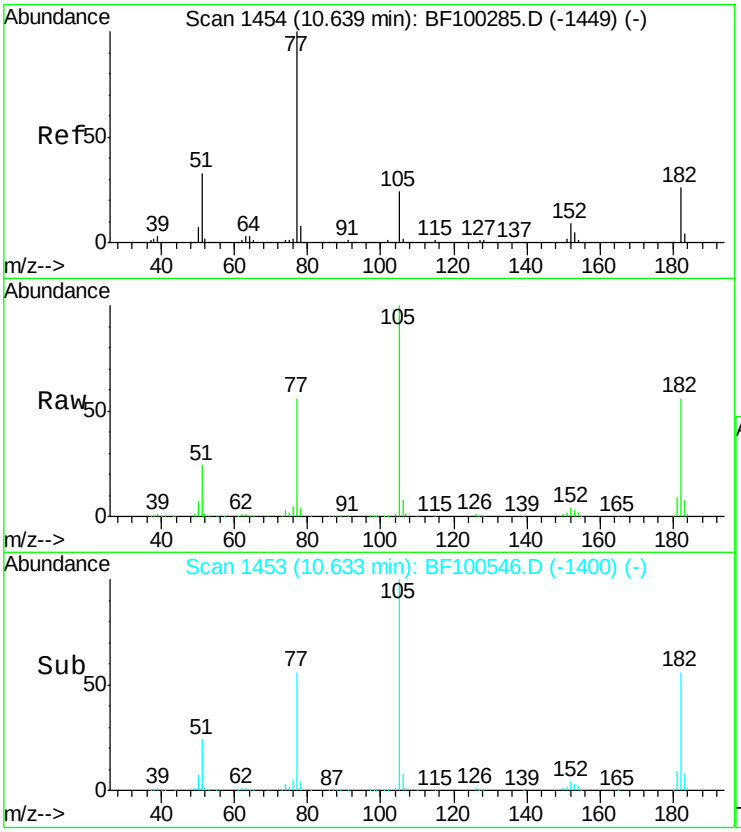


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:165 Resp: 25108

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



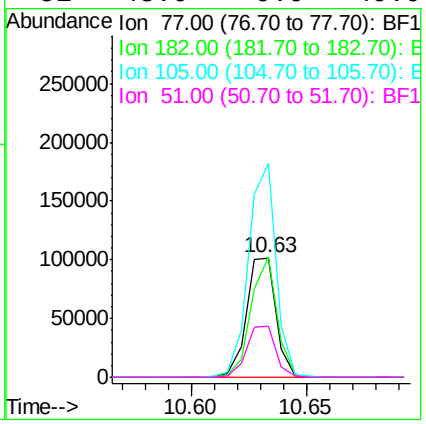


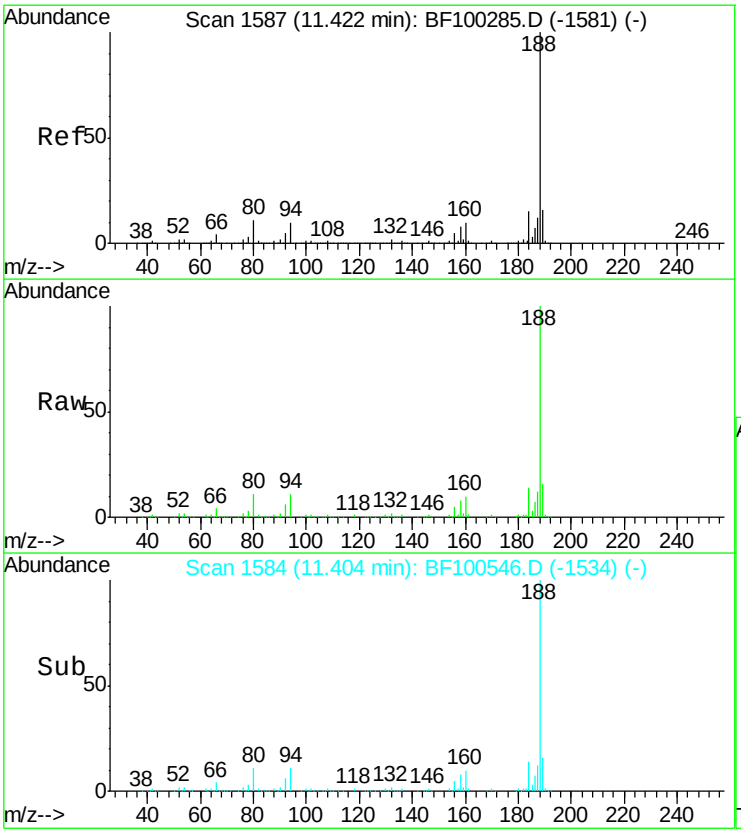
#62
Azobenzene
Concen: 6.23 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion: 77 Resp: 90586

Ion	Ratio	Lower	Upper
77	100		
182	100.8	1.7	41.7#
105	178.6	3.0	43.0#
51	43.0	9.9	49.9

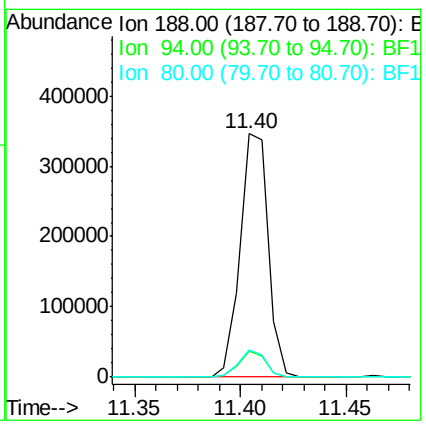


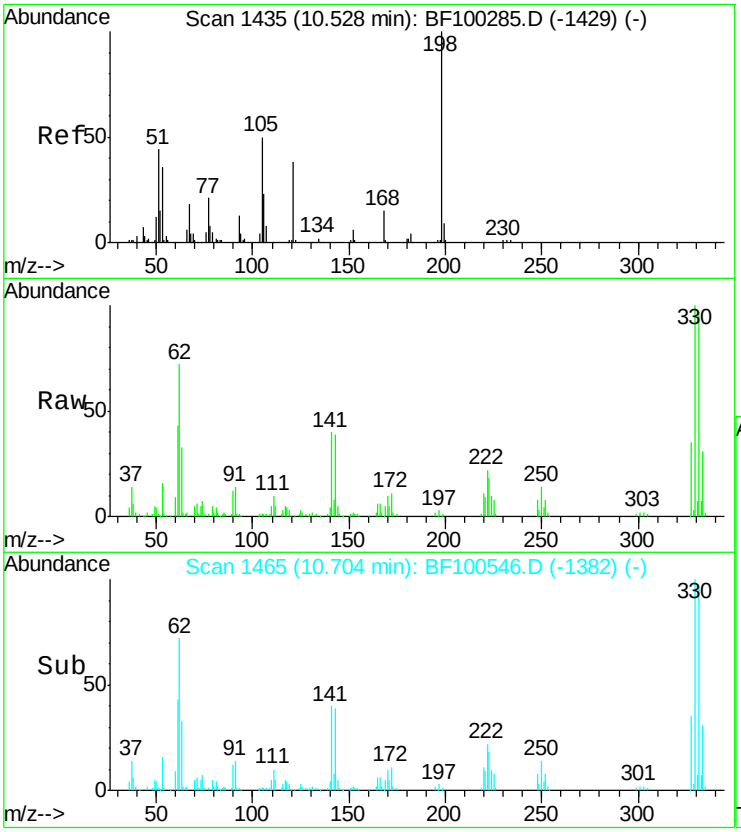


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:188 Resp: 318722

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8



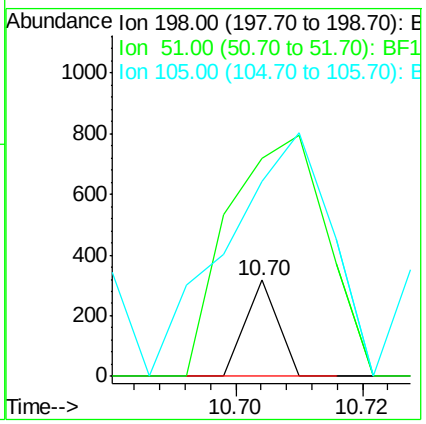


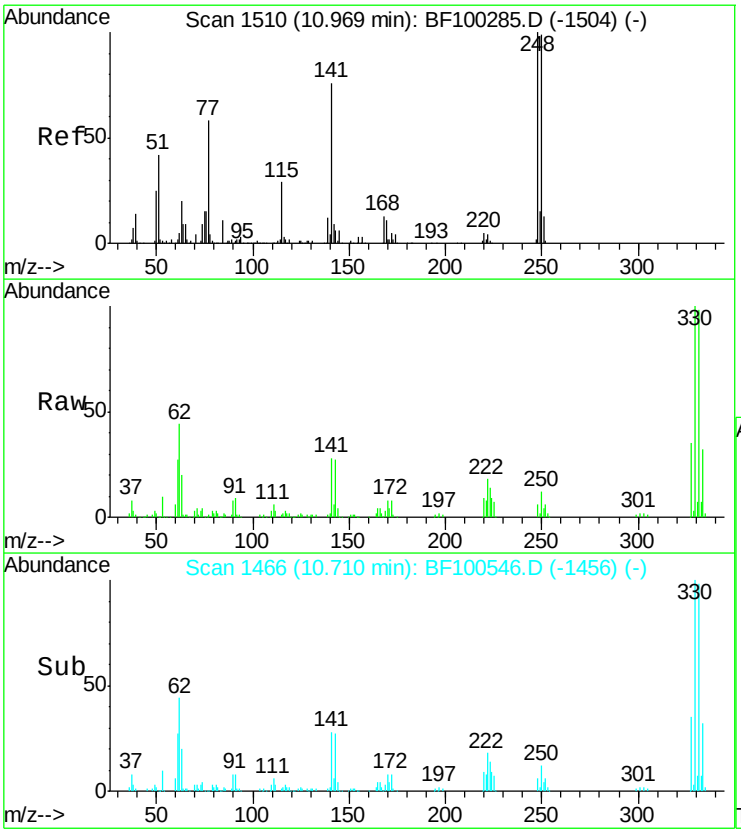
#64
4,6-Dinitro-2-methylphenol
Concen: 8.63 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	227.4	37.7	77.7#
105	202.8	36.3	76.3#

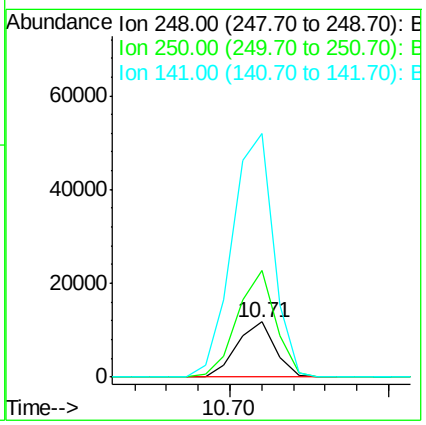


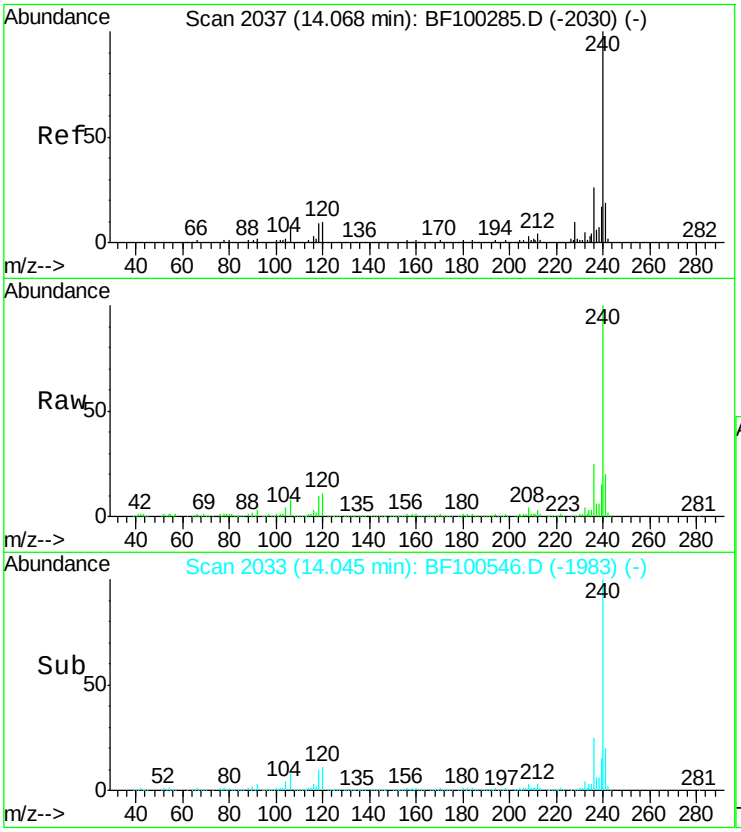


#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:248 Resp: 9751

Ion	Ratio	Lower	Upper
248	100		
250	193.4	76.9	115.3#
141	441.4	74.4	111.6#



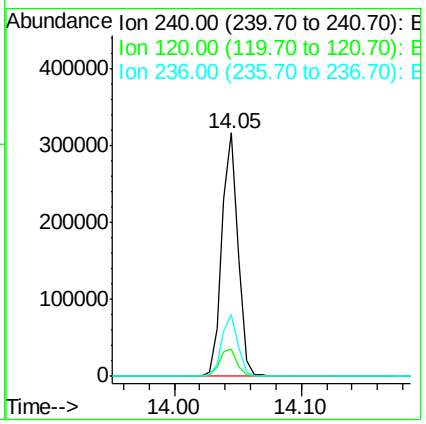


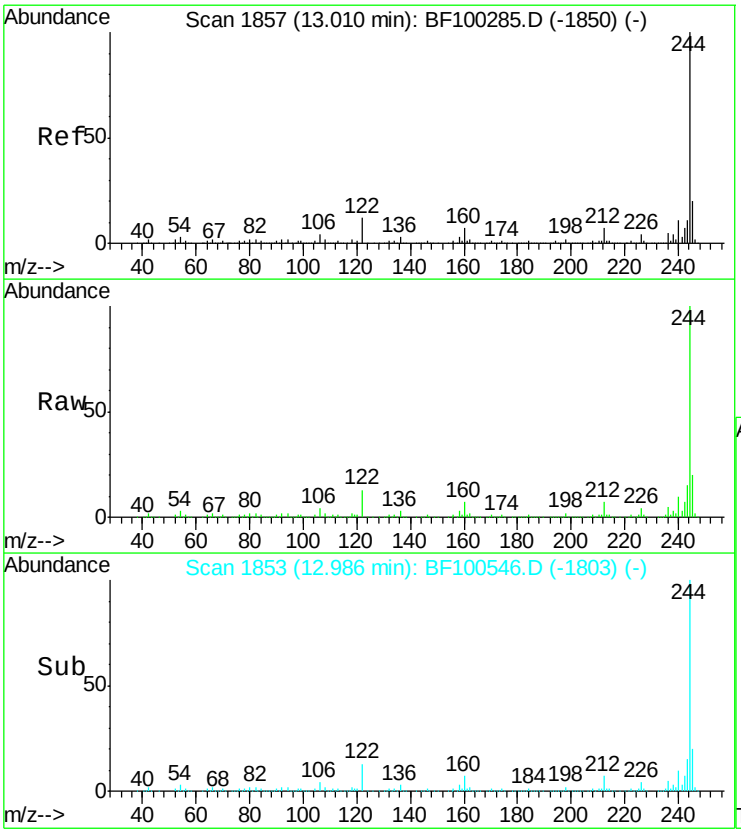
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:240 Resp: 281252

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.7	31.1

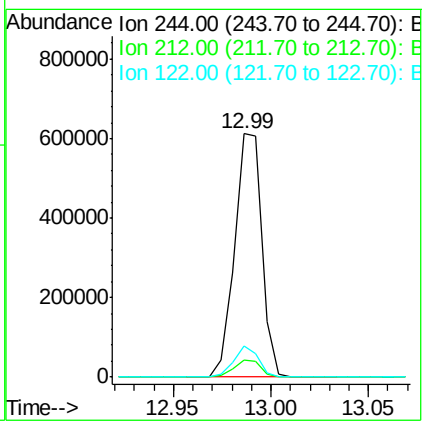


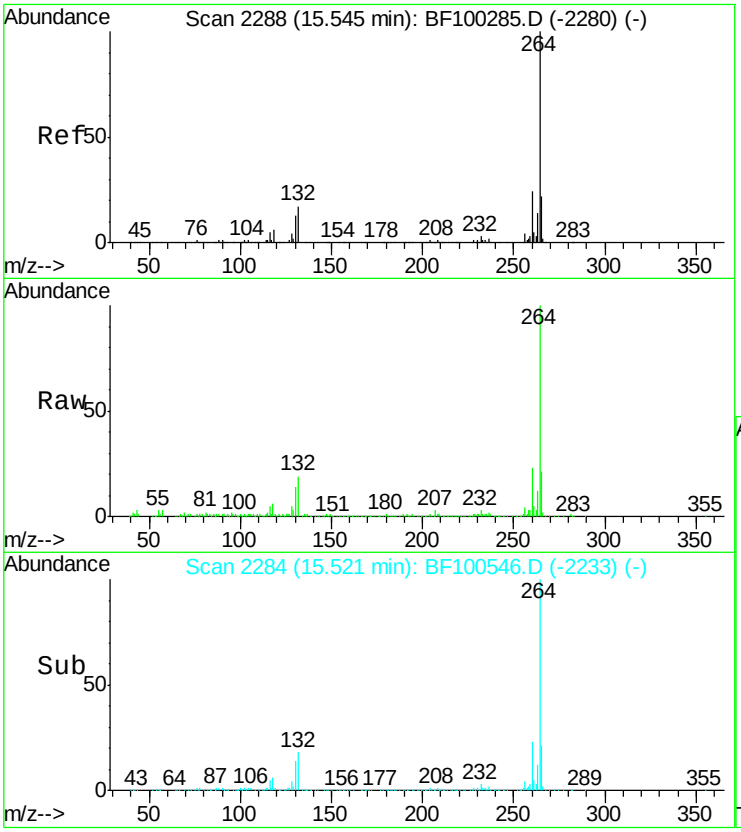


#78
Terphenyl-d14
Concen: 48.34 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:244 Resp: 591682

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:264 Resp: 204519

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3