Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101641.D
Acq On : 22 Dec 2017 8:01
Operator : SJ/JU
Sample : I7008-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 22 10:23:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127798	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	490020	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184708	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	276957	20.00	ng	0.00
75) Chrysene-d12	13.97	240	286801	20.00	ng	0.00
86) Perylene-d12	15.44	264	218073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	324746	37.85	ng	0.01
7) Phenol-d6	6.45	99	239969	22.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	731092	83.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	119306	67.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1166619	97.98	ng	0.00
78) Terphenyl-d14	12.90	244	827000	69.52	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	26012	2.137	ng	# 61
19) n-Nitroso-di-n-propylamine	7.37	70	96878	13.816	ng	# 80
25) Isophorone	7.37	82	731465	41.421	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	23279	7.709	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	23279	6.842	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	7338	2.358	ng	# 1

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

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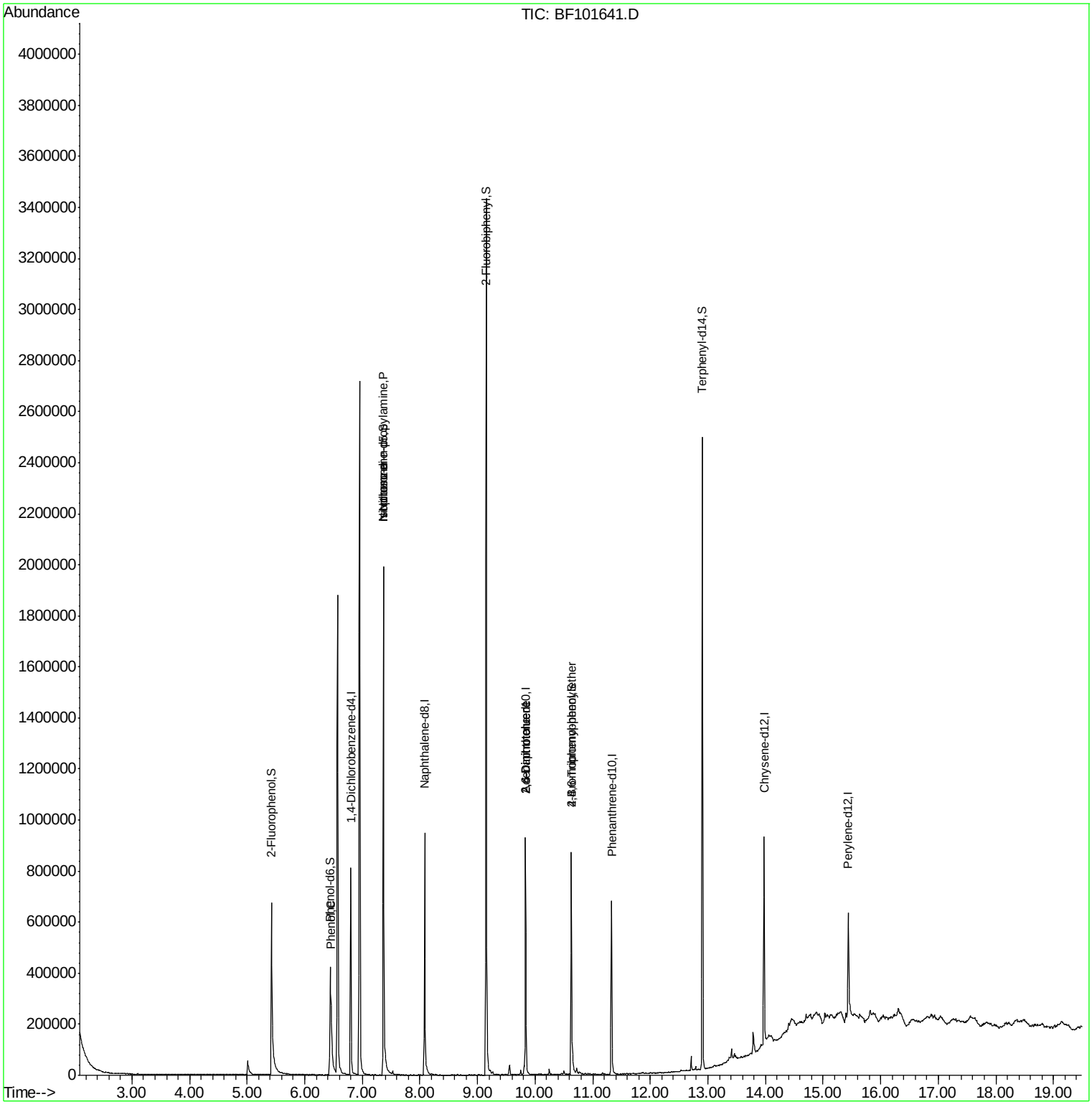
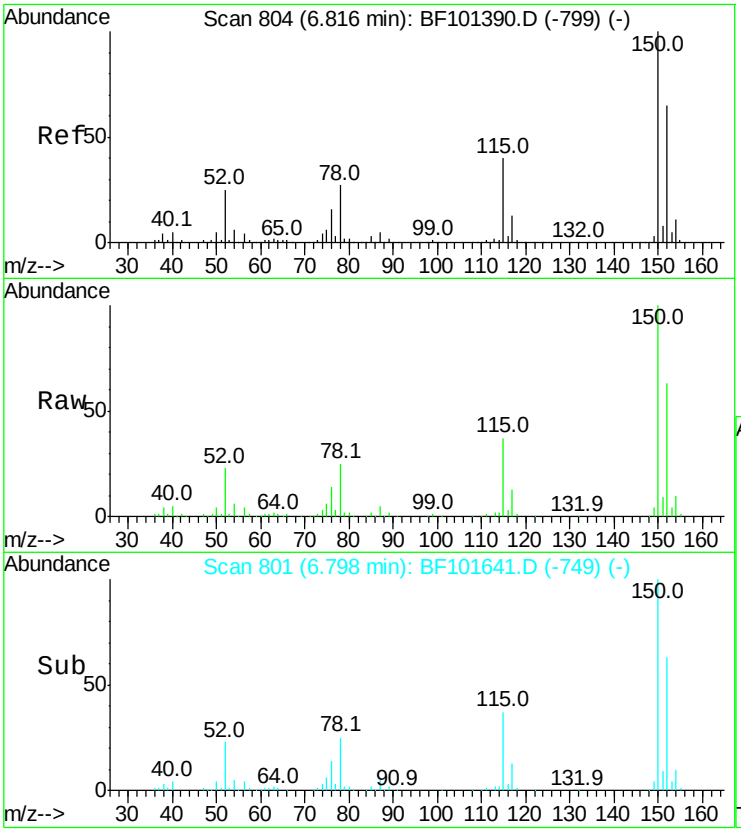


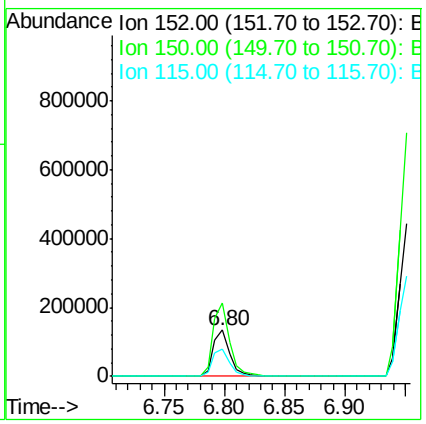


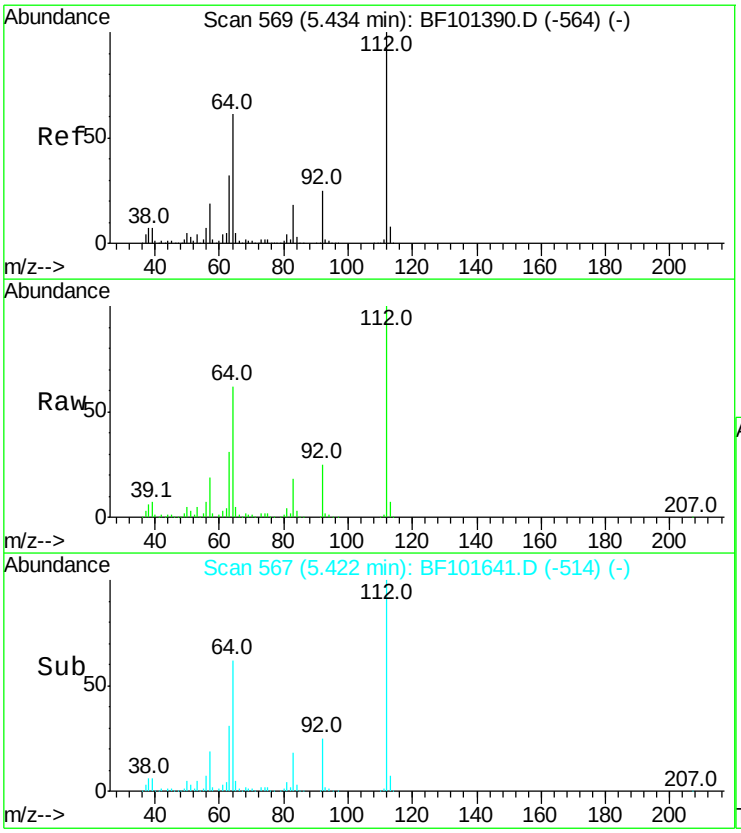
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127798

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	58.8	50.1	75.1

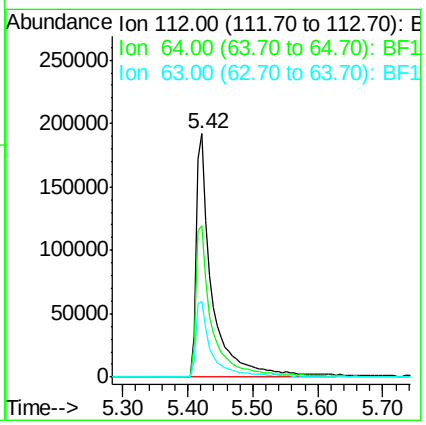


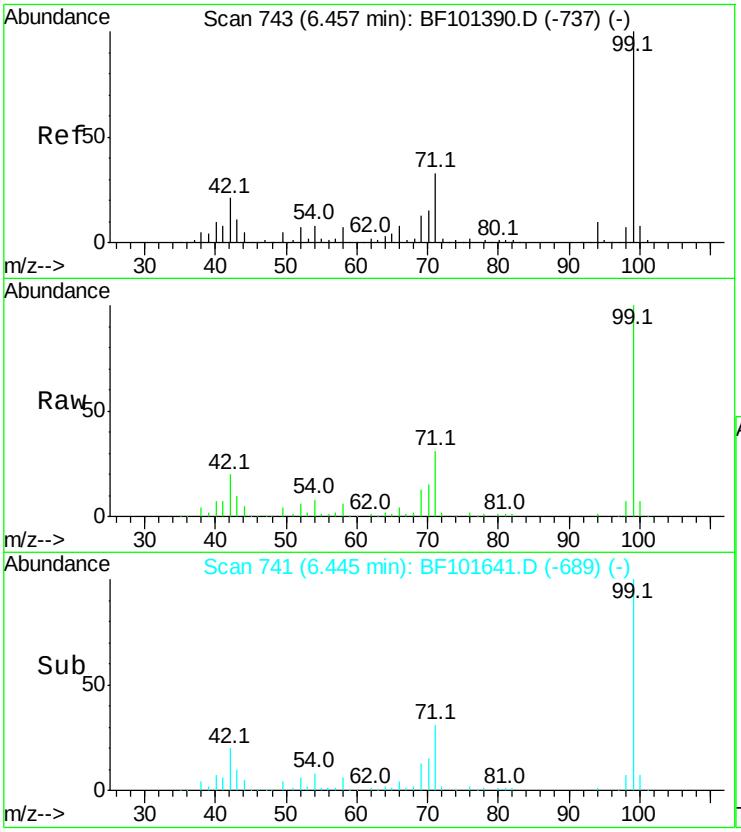


#5
2-Fluorophenol
Concen: 37.852 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:112 Resp: 324746

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.0	23.7	35.5



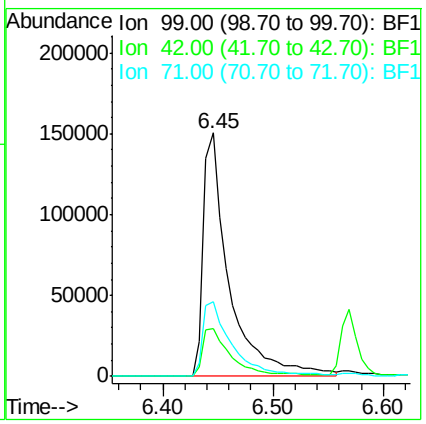


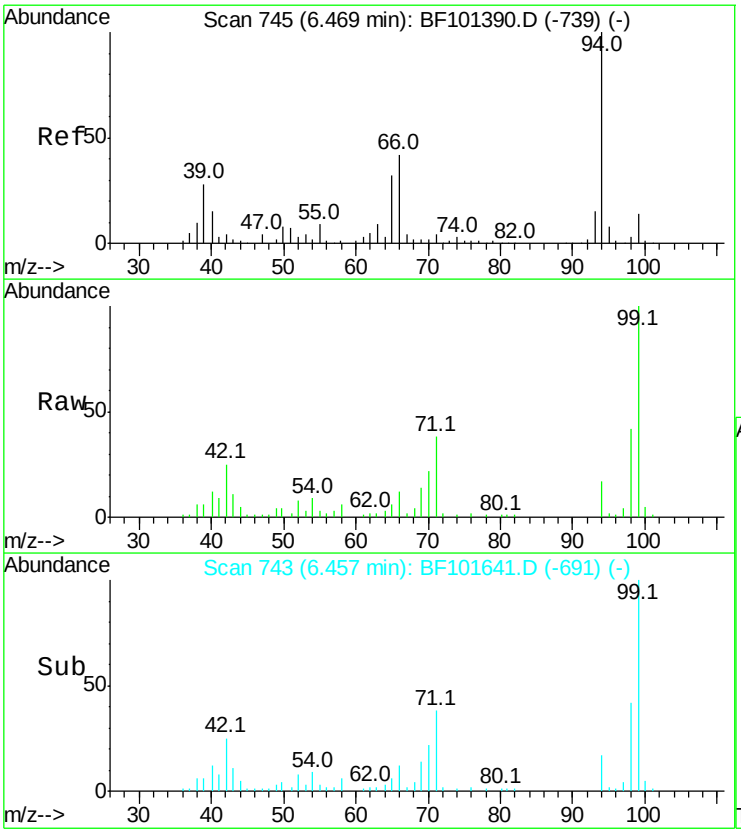
#7
Phenol-d6
Concen: 22.474 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 239969

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	30.7	25.4	38.0

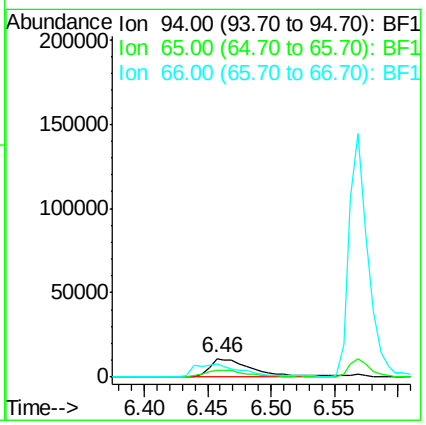


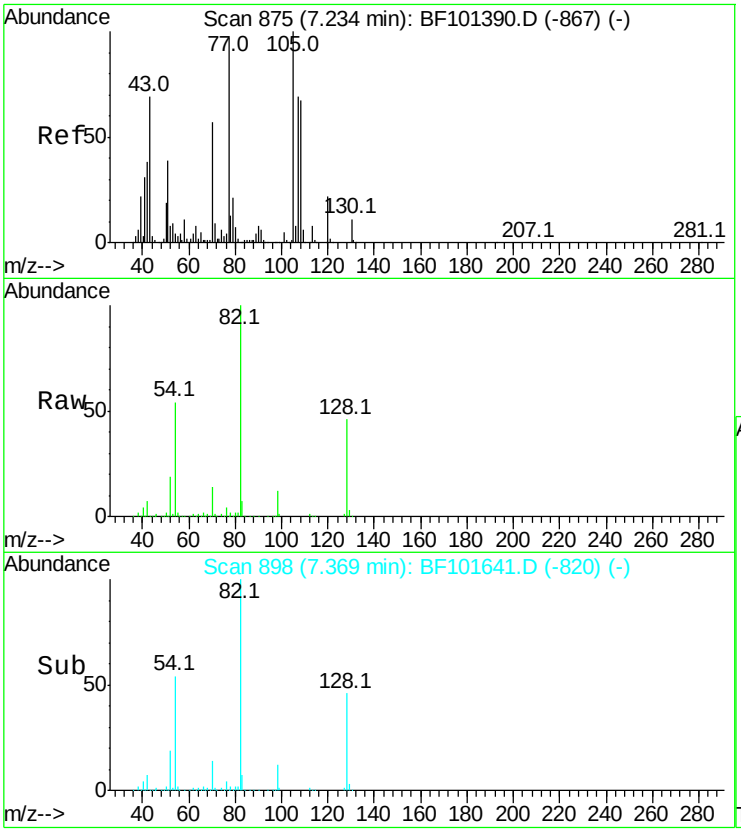


#10
Phenol
Concen: 2.137 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion: 94 Resp: 26012

Ion	Ratio	Lower	Upper
94	100		
65	35.9	7.9	47.9
66	69.7	16.2	56.2#



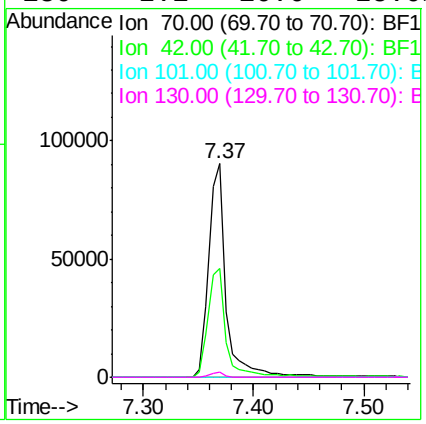


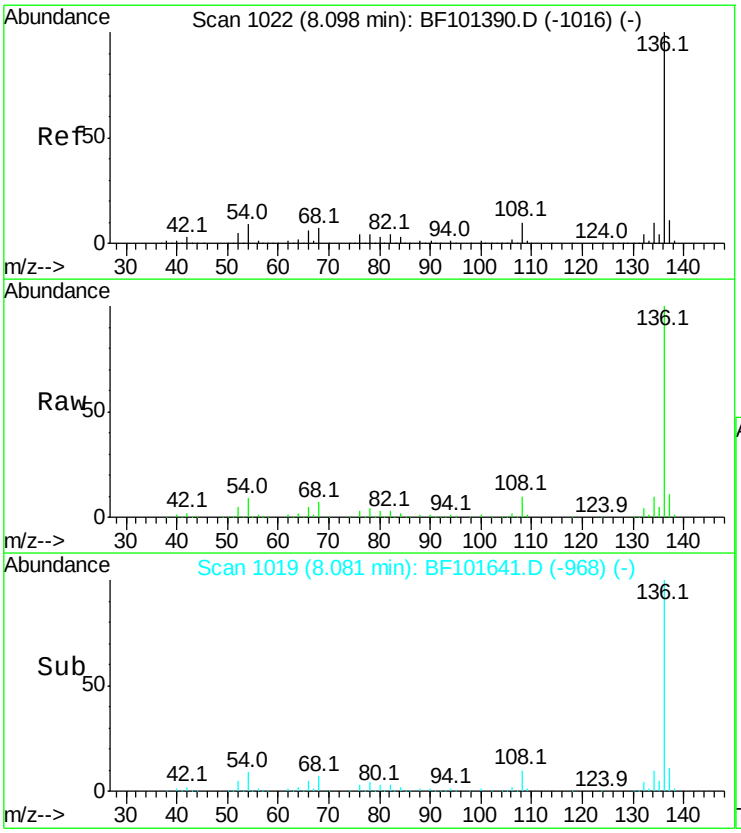
#19
n-Nitroso-di-n-propylamine
Concen: 13.816 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 96878

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

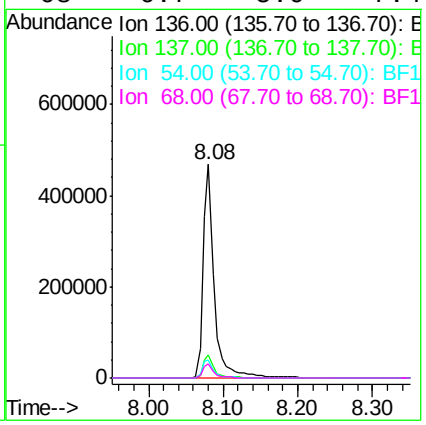


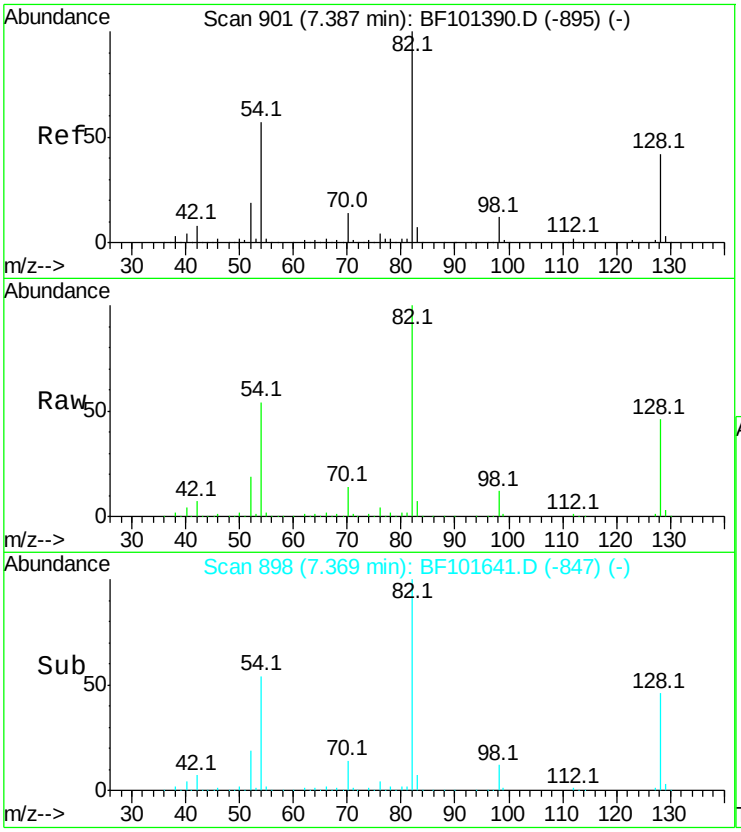


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:136 Resp: 490020

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	6.7	5.0	7.4



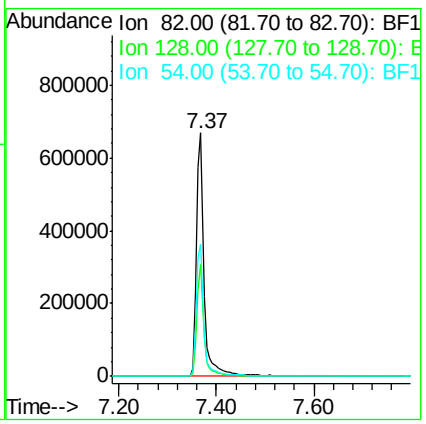


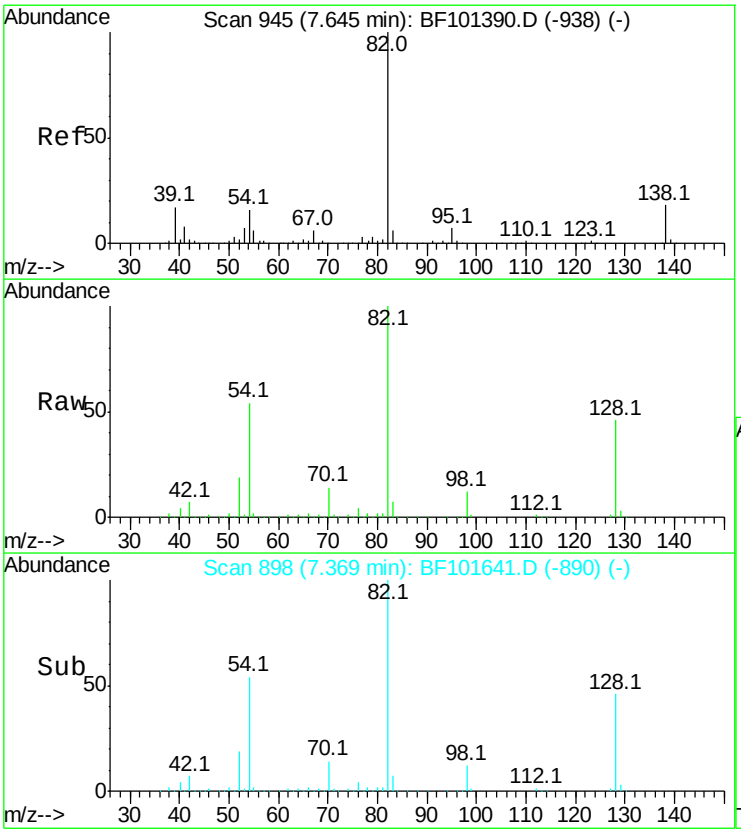
#23
Nitrobenzene-d5
Concen: 83.051 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 731092

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.2	41.4	62.2

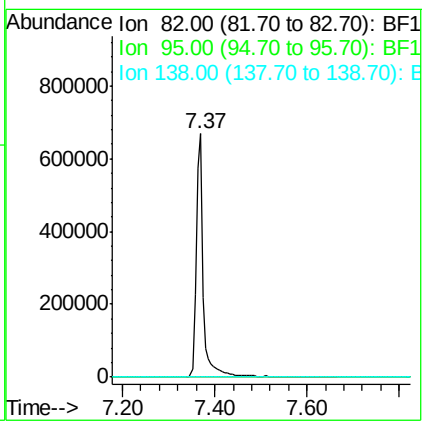


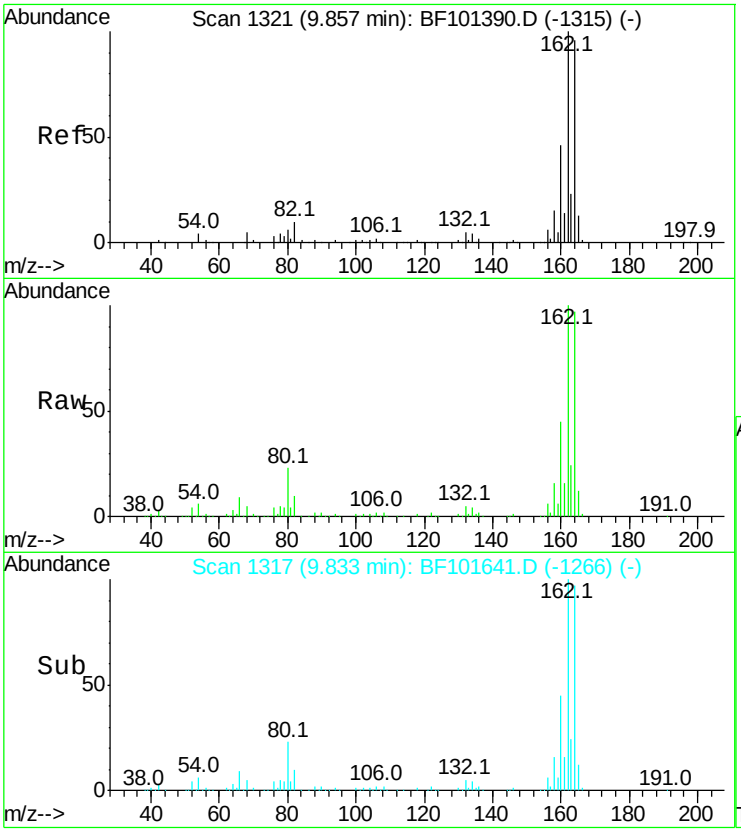


#25
Isophorone
Concen: 41.421 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion: 82 Resp: 731465

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



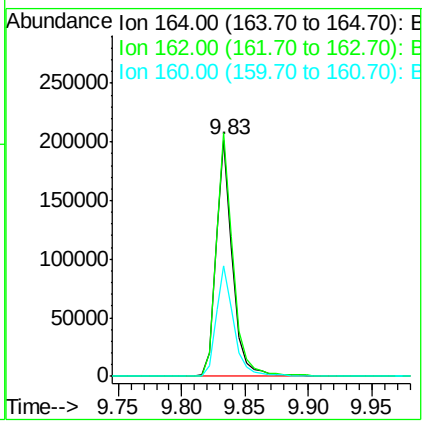


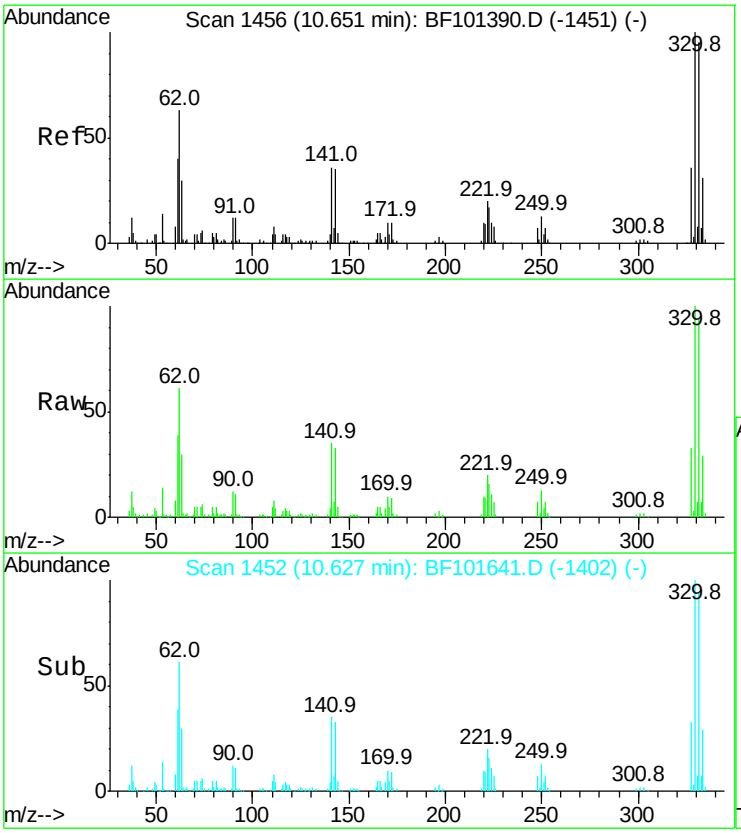
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 184708

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.9	38.3	57.5

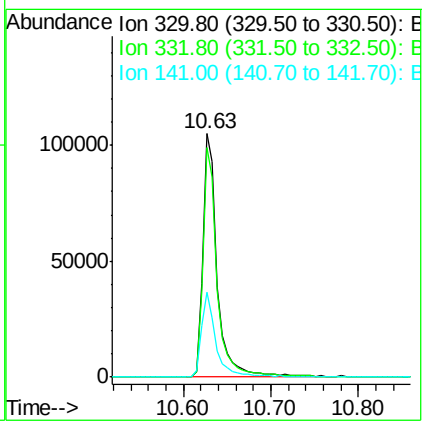


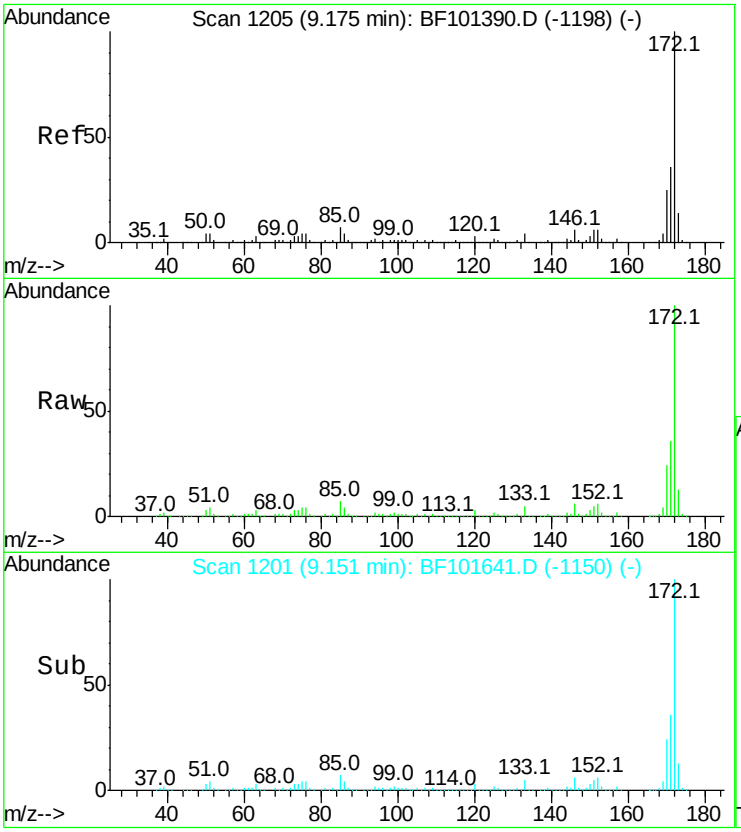


#41
2,4,6-Tribromophenol
Concen: 67.033 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:330 Resp: 119306

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.1	29.9	44.9



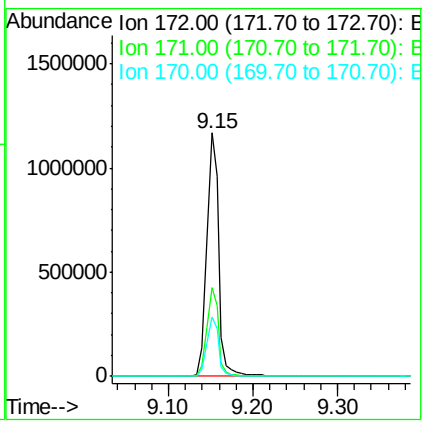


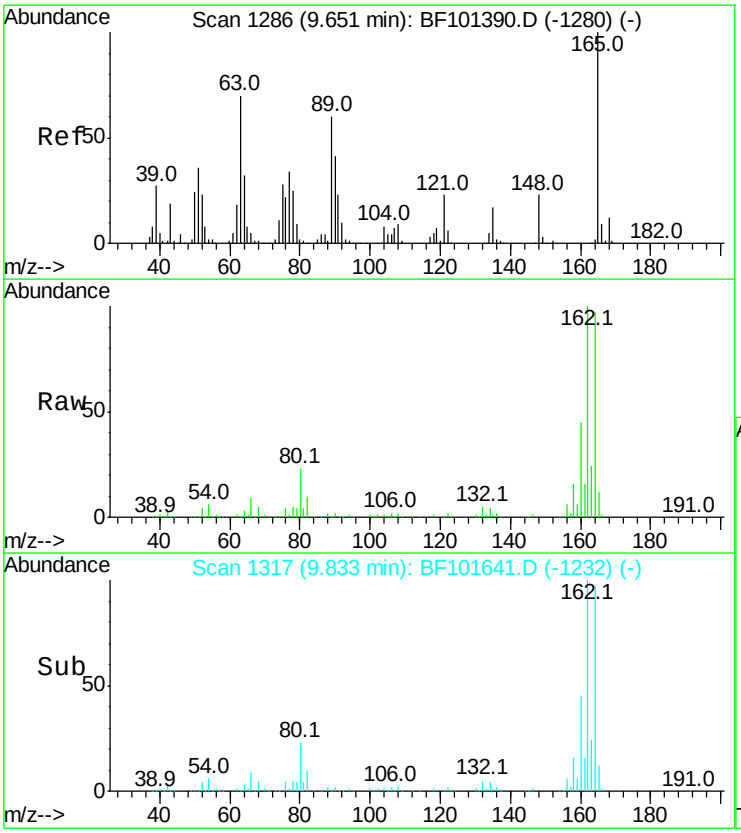
#44
2-Fluorobiphenyl
Concen: 97.977 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1166619

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

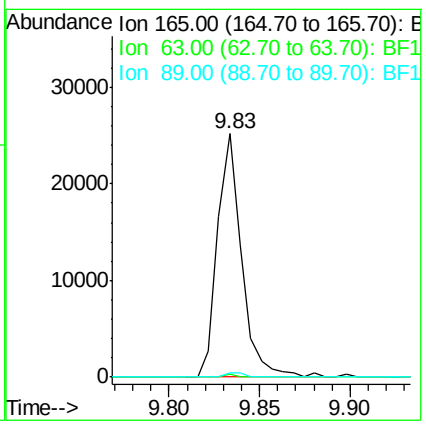


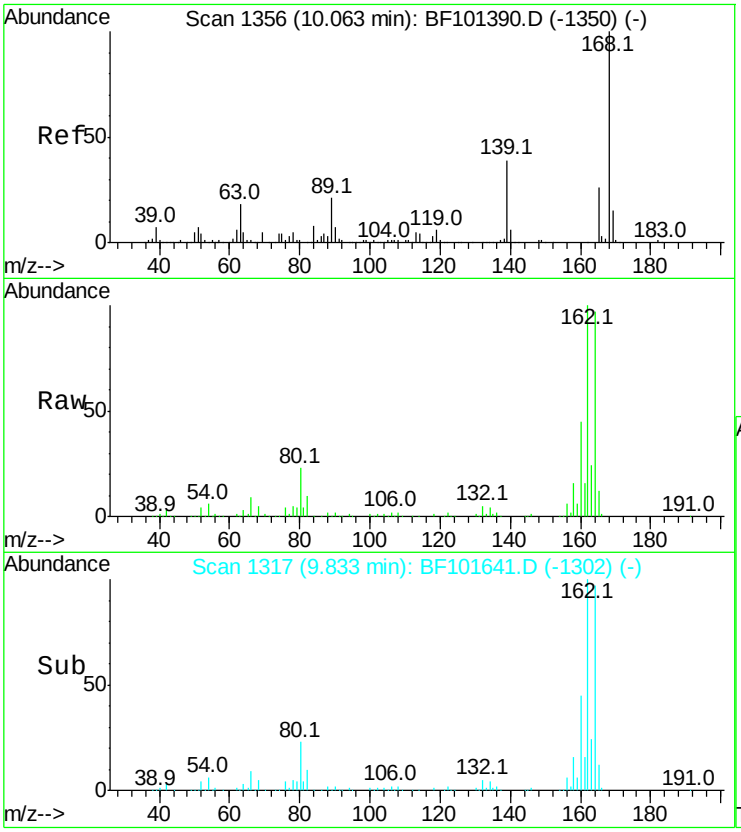


#50
2,6-Dinitrotoluene
Concen: 7.709 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:165 Resp: 23279

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#



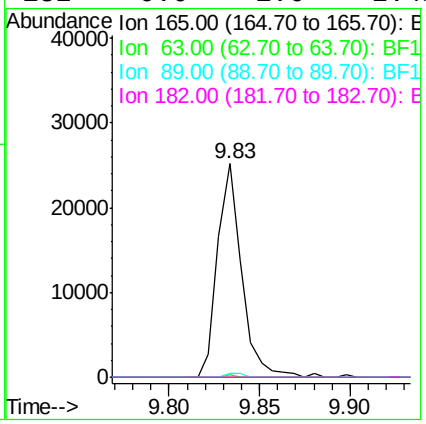


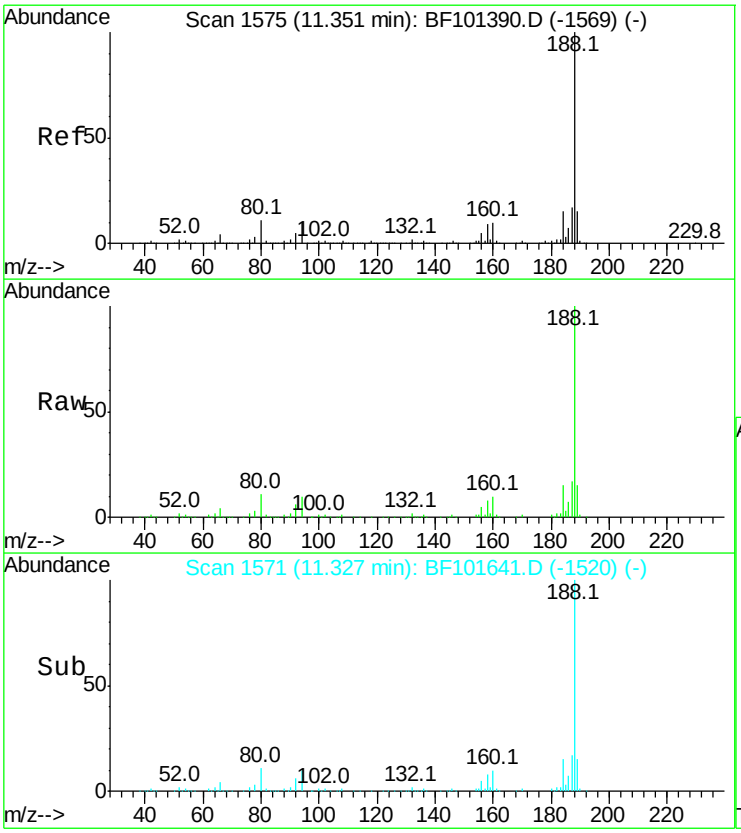
#56
2,4-Dinitrotoluene
Concen: 6.842 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23279

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

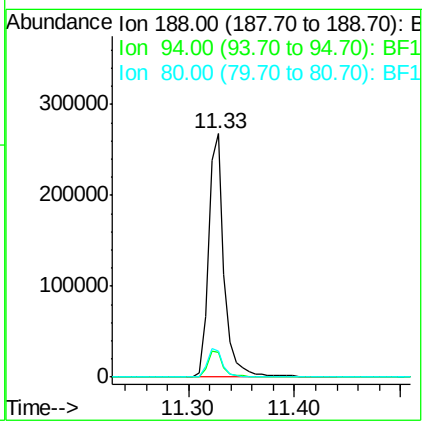


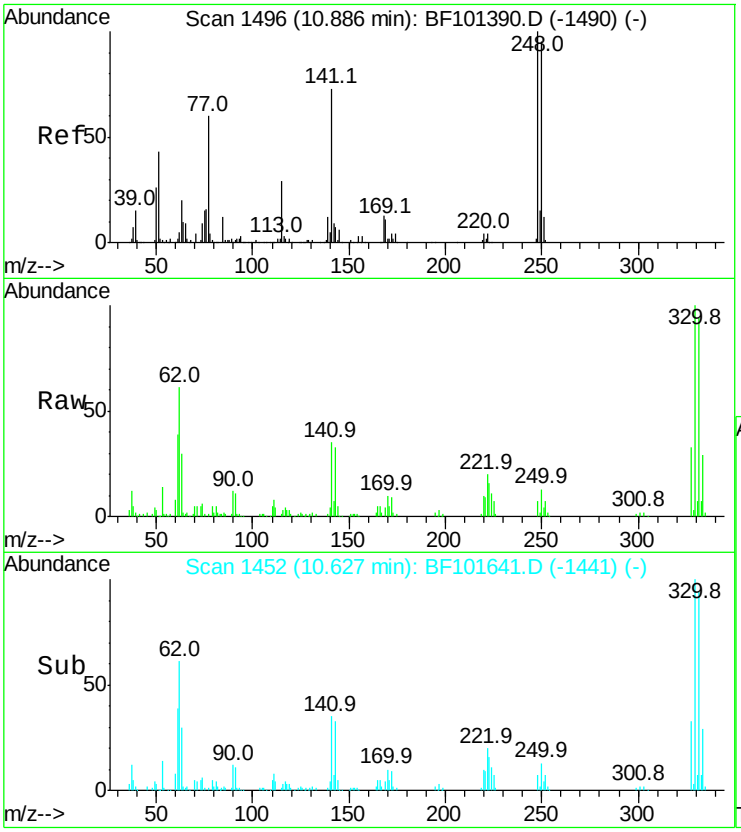


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:188 Resp: 276957

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8



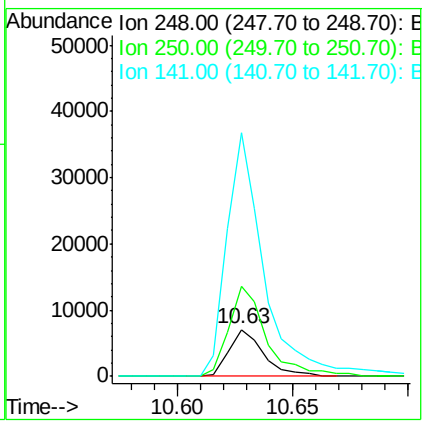


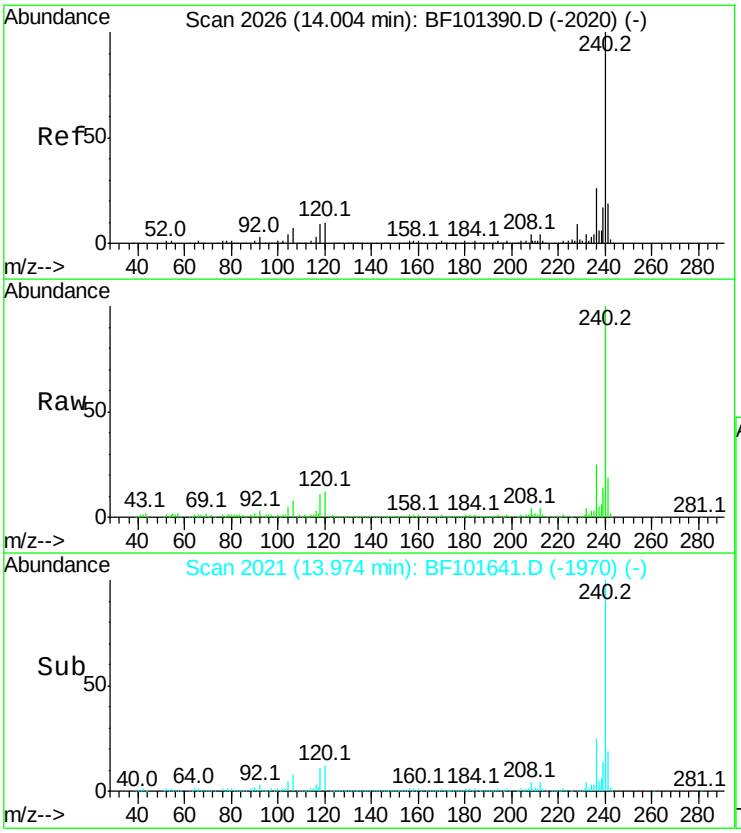
#66
4-Bromophenyl-phenylether
Concen: 2.358 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7338

Ion	Ratio	Lower	Upper
248	100		
250	192.6	76.9	115.3#
141	520.2	74.4	111.6#

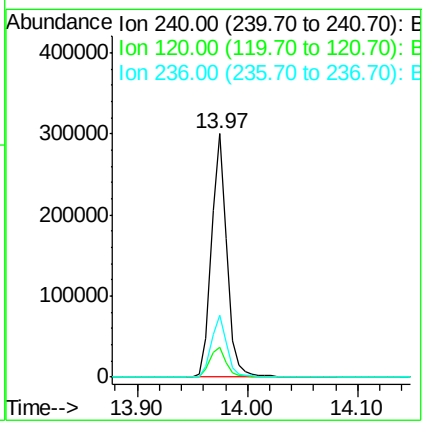


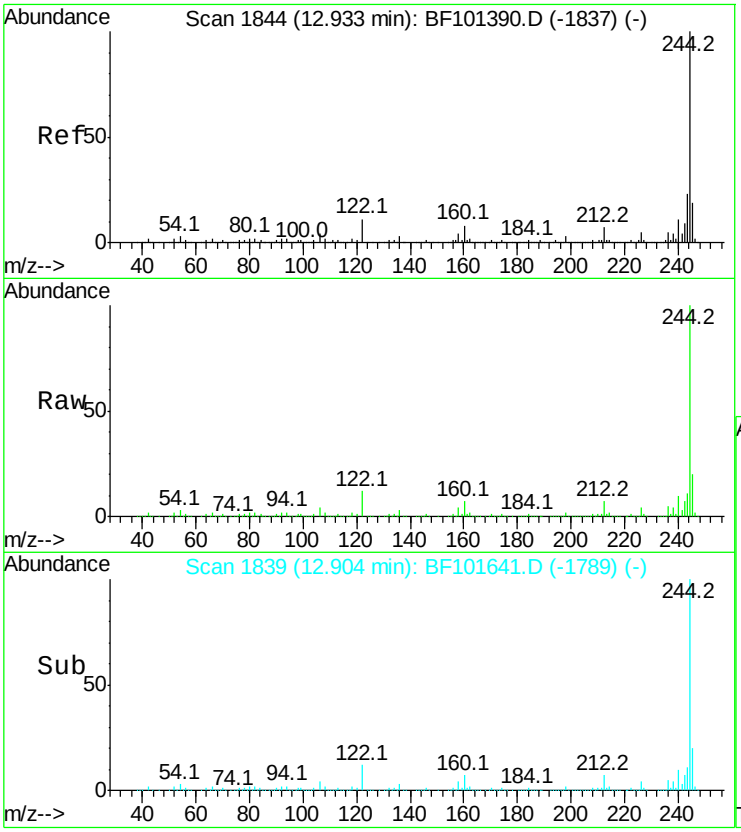


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:240 Resp: 286801

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.3	20.7	31.1



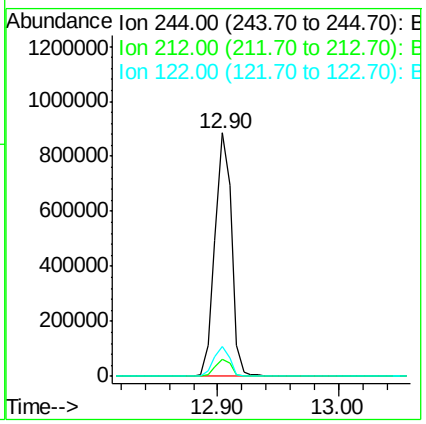


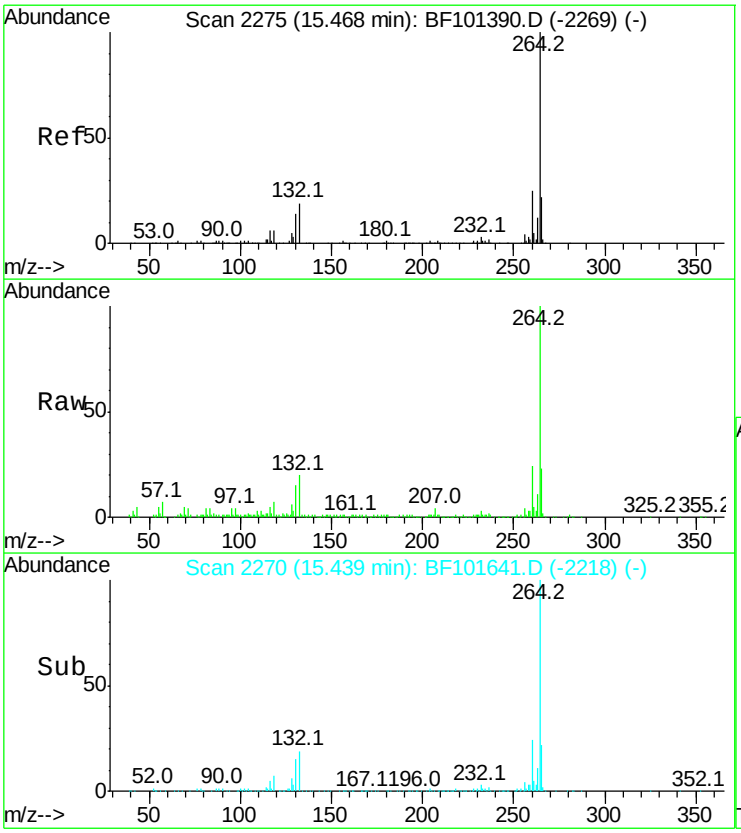
#78
Terphenyl-d14
Concen: 69.515 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 827000

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:264 Resp: 218073

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	17.5	26.3