Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101652.D
Acq On : 22 Dec 2017 14:43
Operator : SJ/JU
Sample : PB105201BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

Quant Time: Dec 22 16:10:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145848	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	590606	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	266542	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	525048	20.00	ng	0.00
75) Chrysene-d12	13.96	240	446728	20.00	ng	0.00
86) Perylene-d12	15.43	264	350386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1038093	106.02	ng	0.01
7) Phenol-d6	6.43	99	1254274	102.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	807473	76.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	303197	118.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1379774	80.30	ng	0.00
78) Terphenyl-d14	12.90	244	1388828	74.95	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	107294	13.408	ng	# 81
25) Isophorone	7.36	82	807468	37.938	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	33986	7.799	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	33986	6.923	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	18830	3.192	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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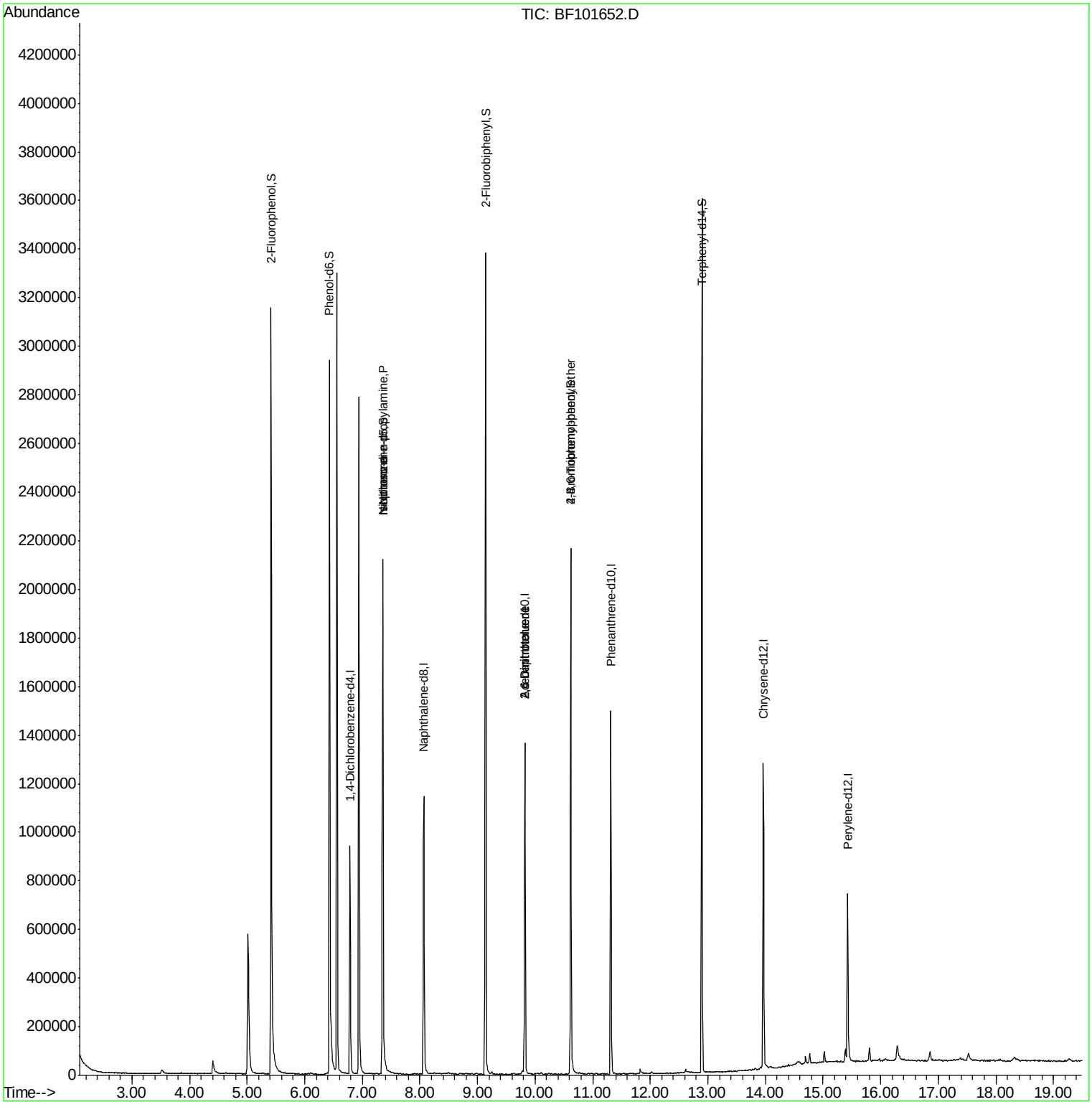
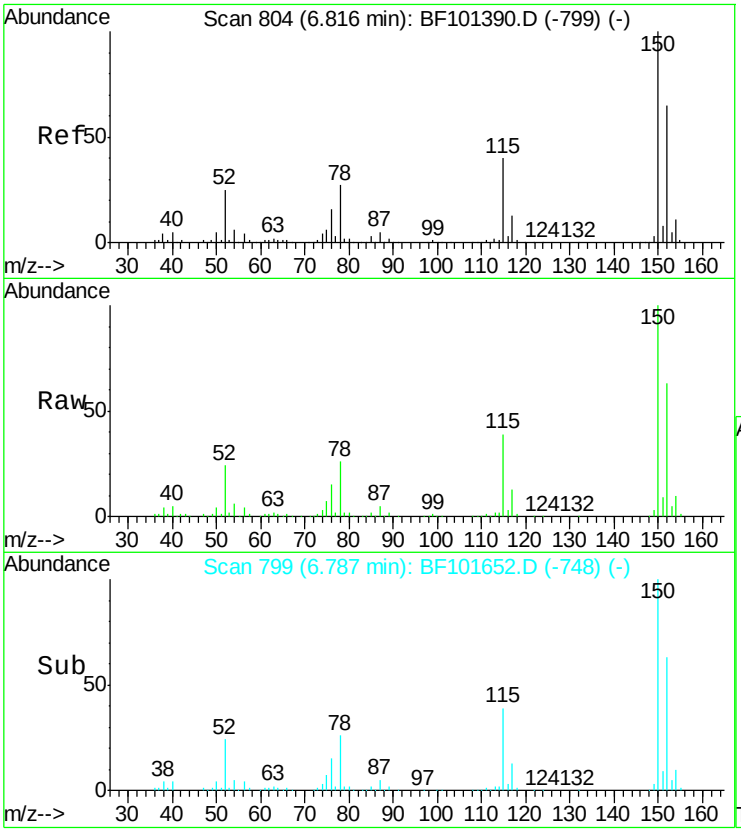


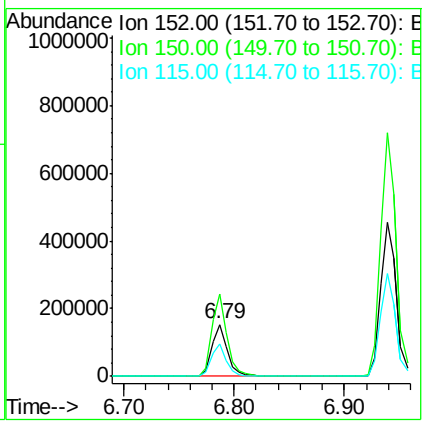


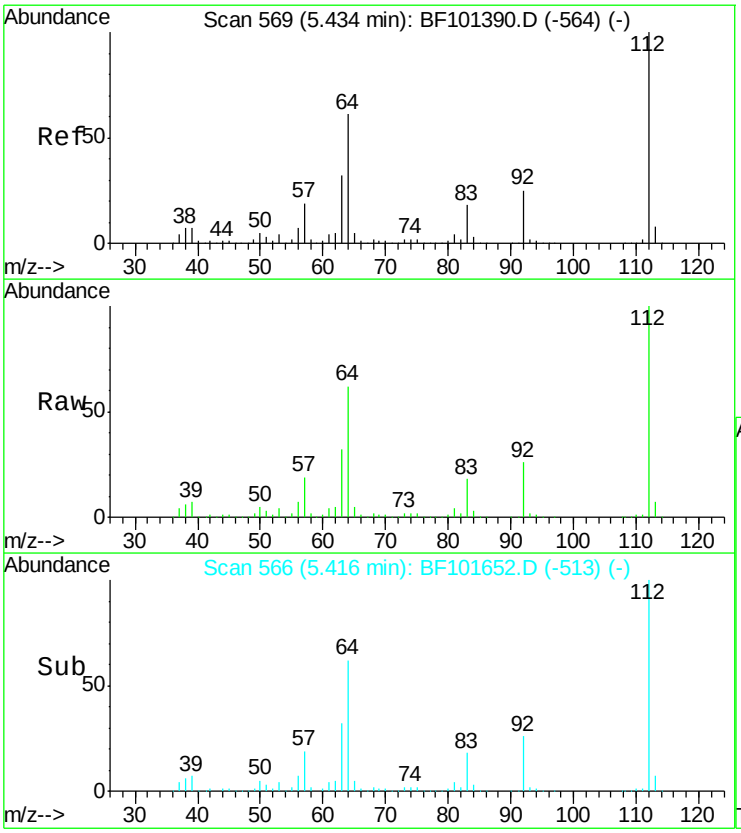
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:152 Resp: 145848

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.0	50.1	75.1

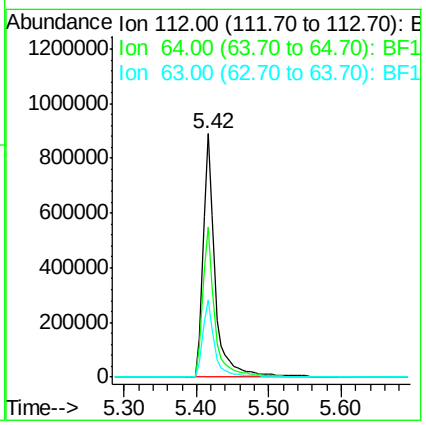


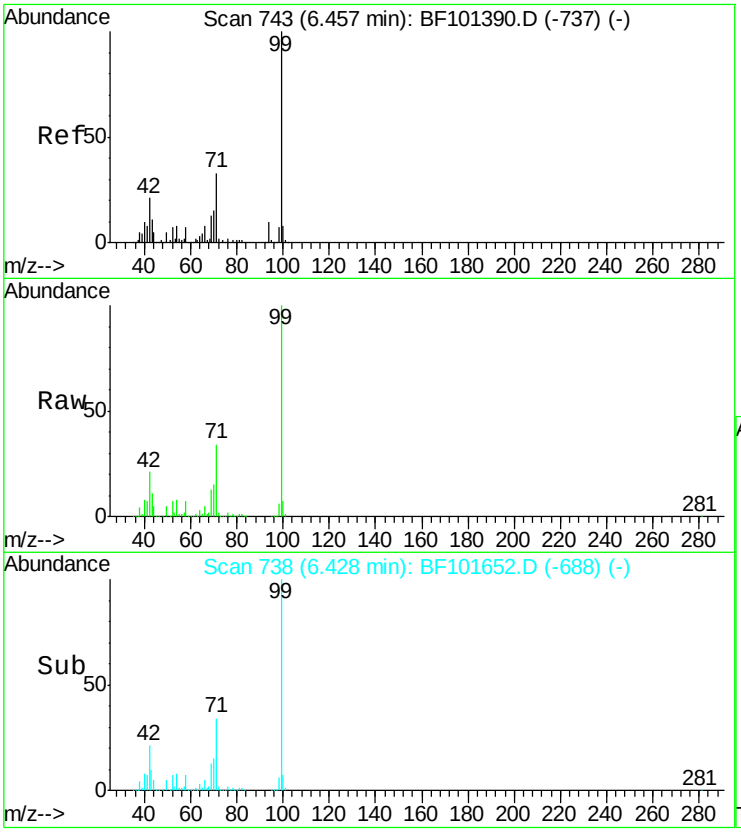


#5
2-Fluorophenol
Concen: 106.023 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:112 Resp: 1038093

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.8	23.7	35.5



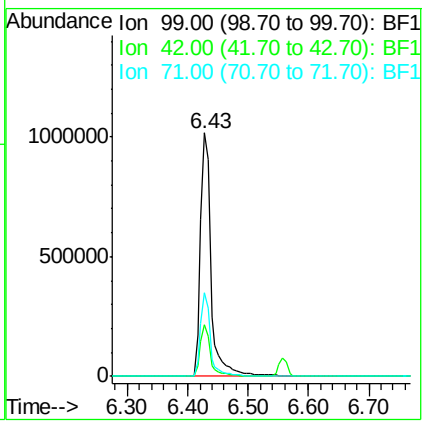


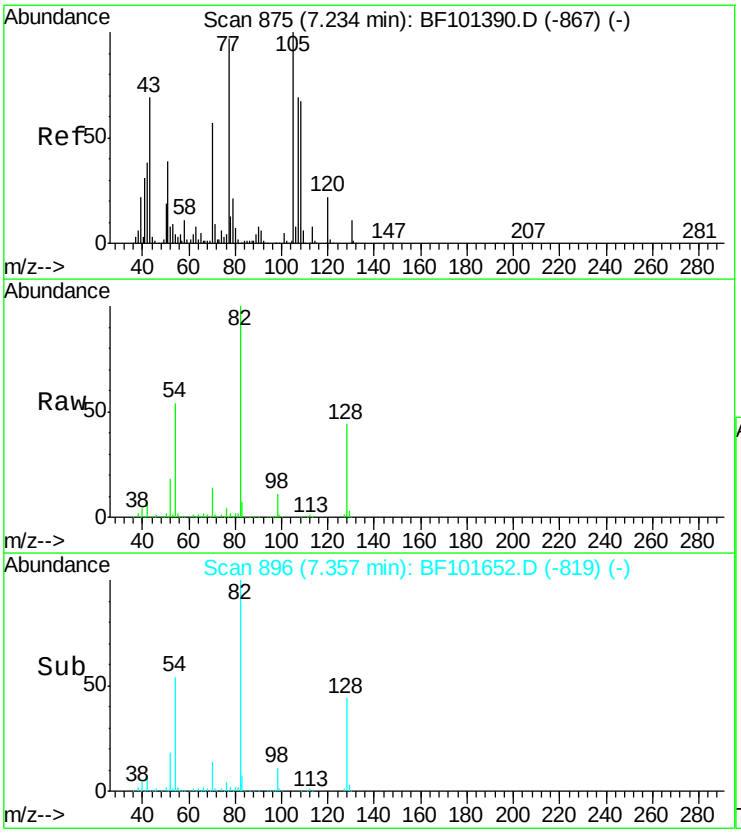
#7
Phenol-d6
Concen: 102.931 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion: 99 Resp: 1254274

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	34.2	25.4	38.0

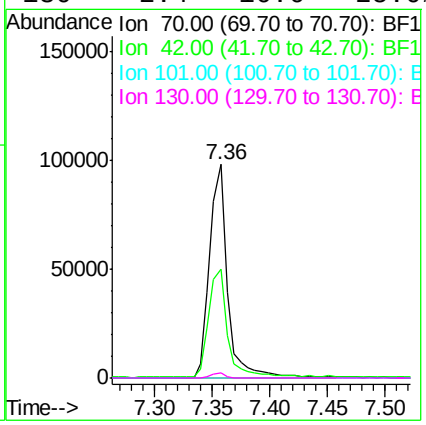


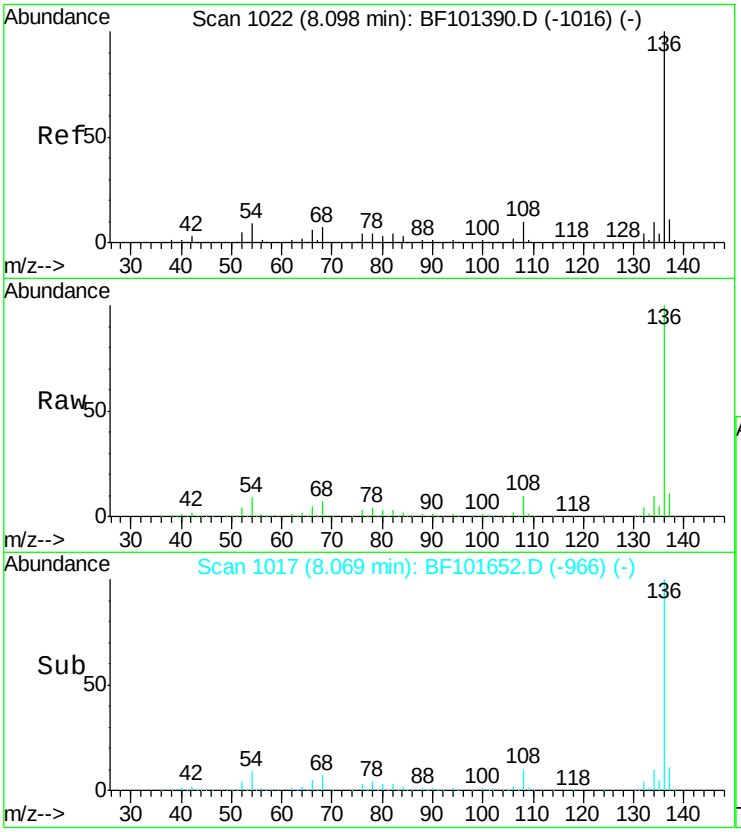


#19
n-Nitroso-di-n-propylamine
Concen: 13.408 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion: 70 Resp: 107294

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



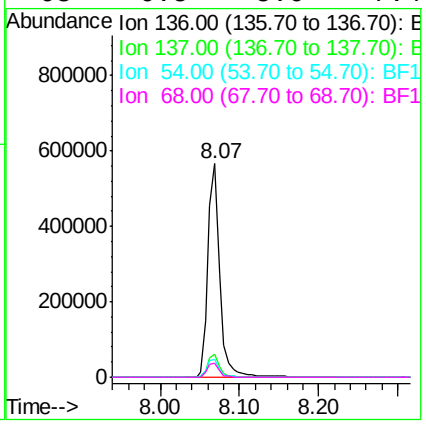


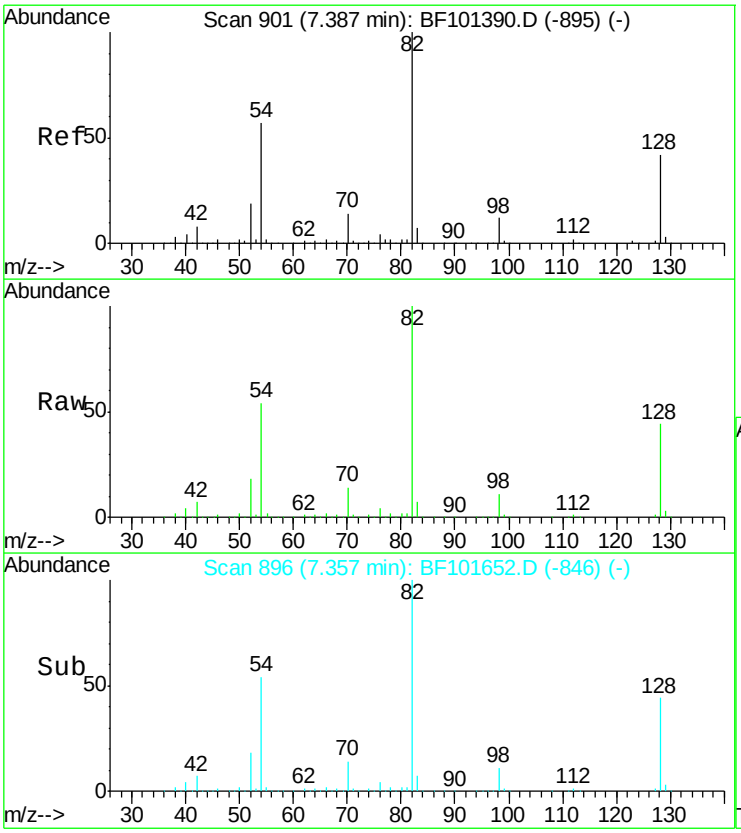
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:136 Resp: 590606

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4

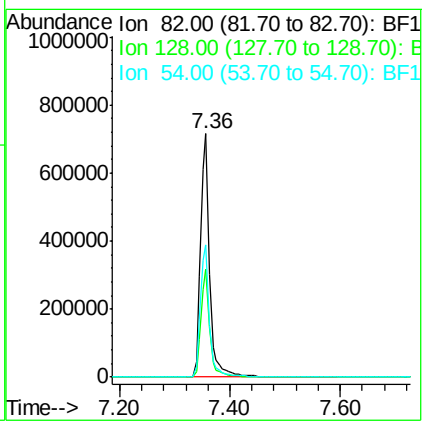


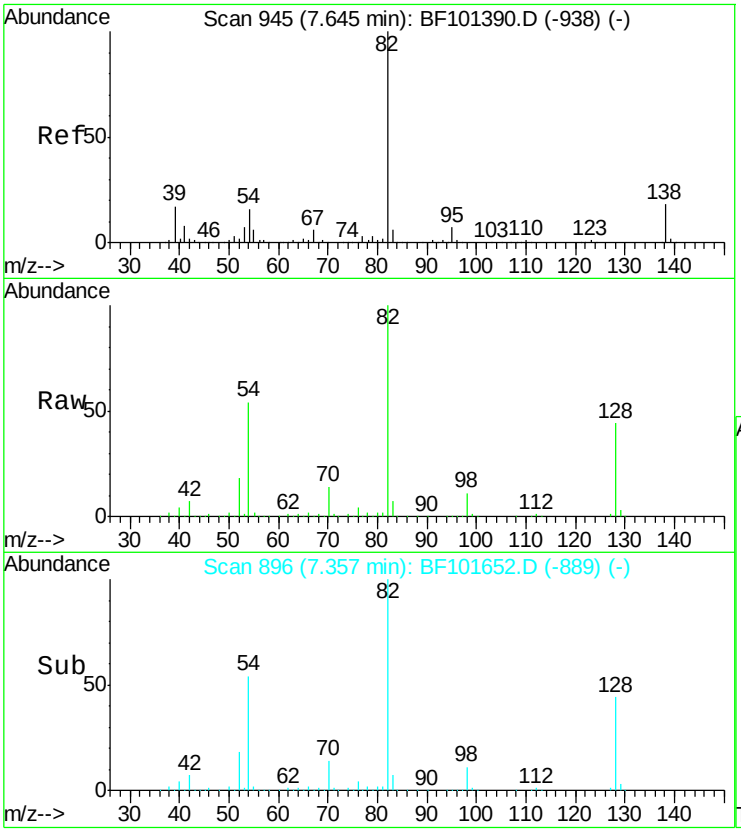


#23
Nitrobenzene-d5
Concen: 76.106 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion: 82 Resp: 807473

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.4	41.4	62.2



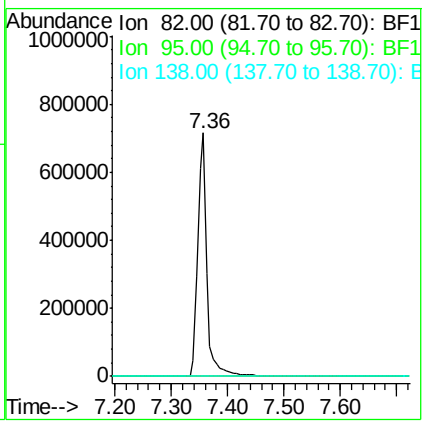


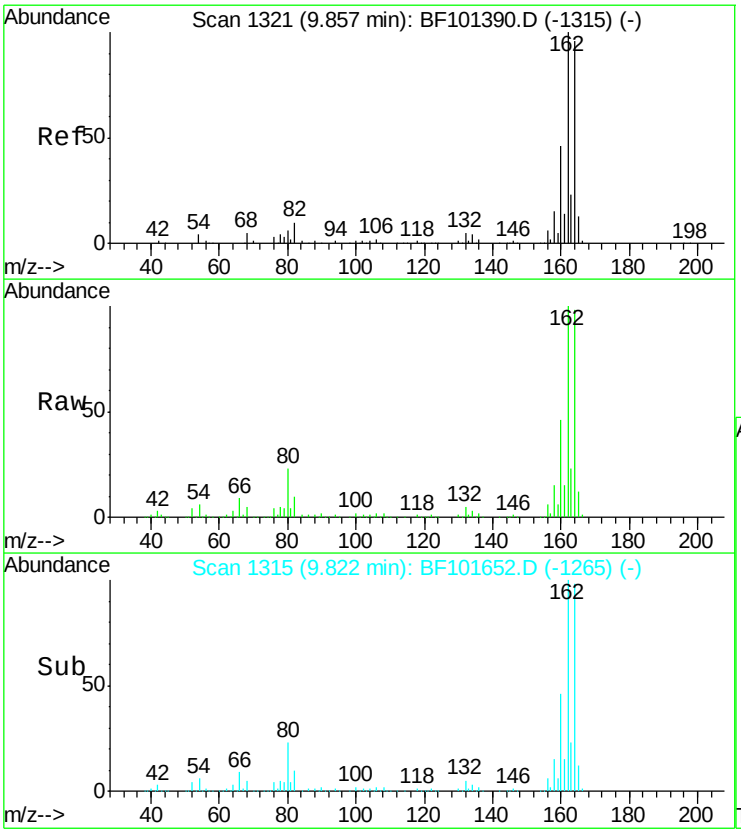
#25
Isophorone
Concen: 37.938 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion: 82 Resp: 807468

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

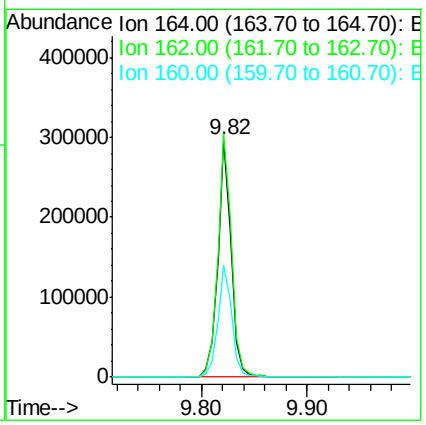


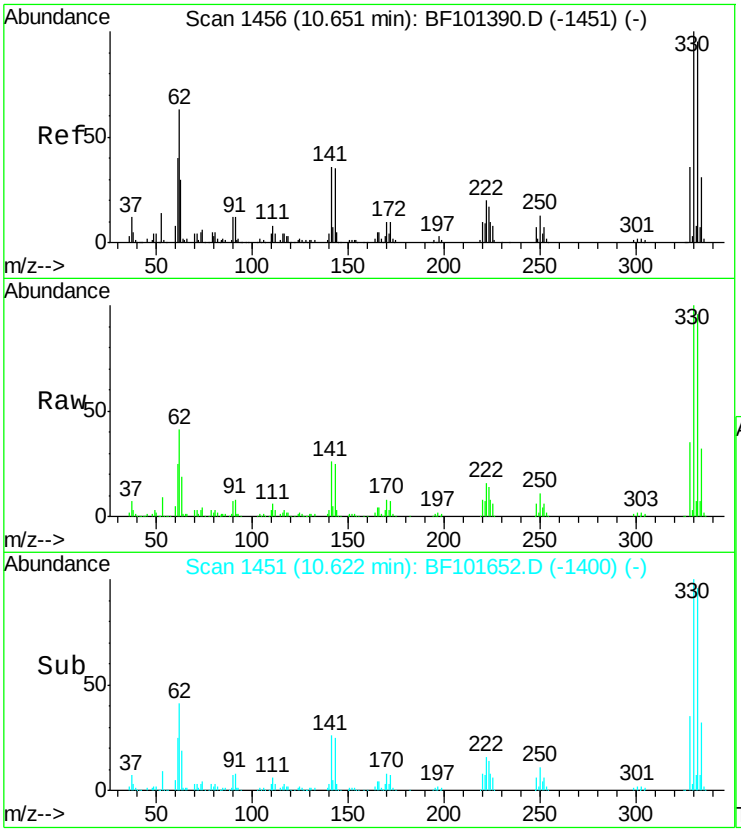


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:164 Resp: 266542

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	47.0	38.3	57.5



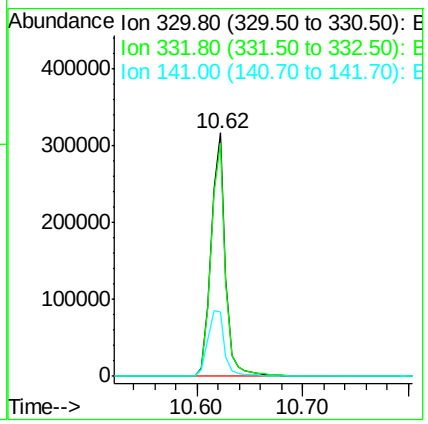


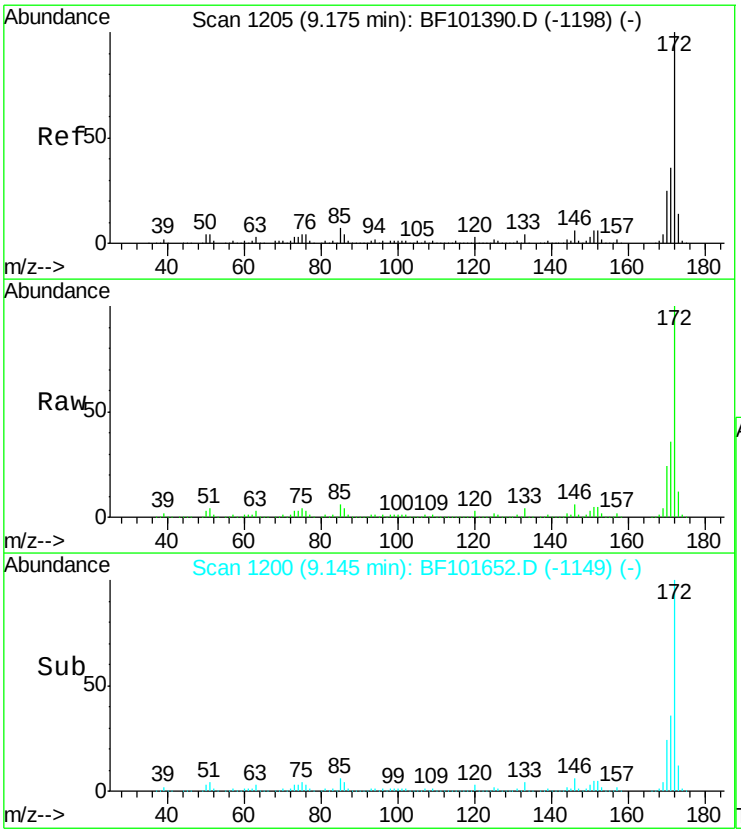
#41
2,4,6-Tribromophenol
Concen: 118.052 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:330 Resp: 303197

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.0	29.9	44.9

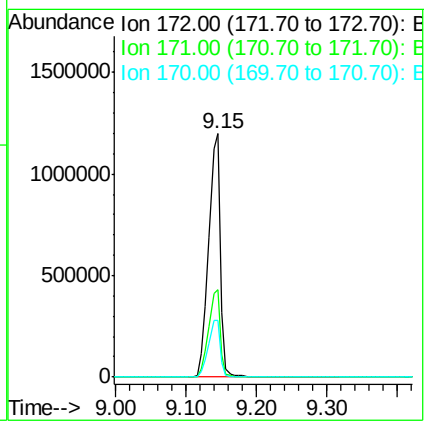


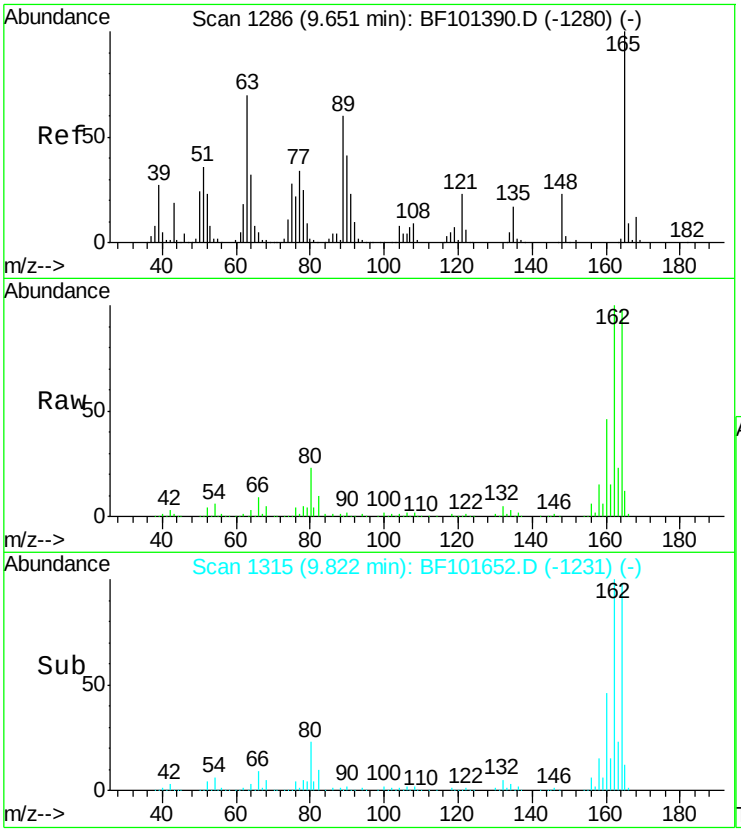


#44
2-Fluorobiphenyl
Concen: 80.301 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:172 Resp: 1379774

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4



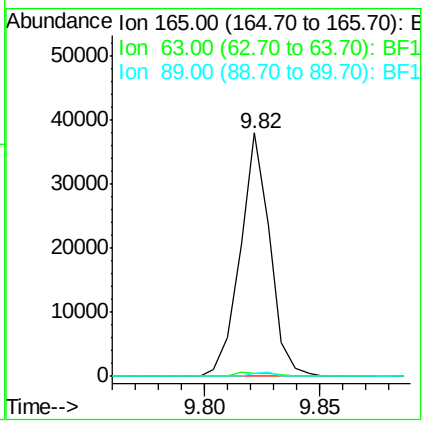


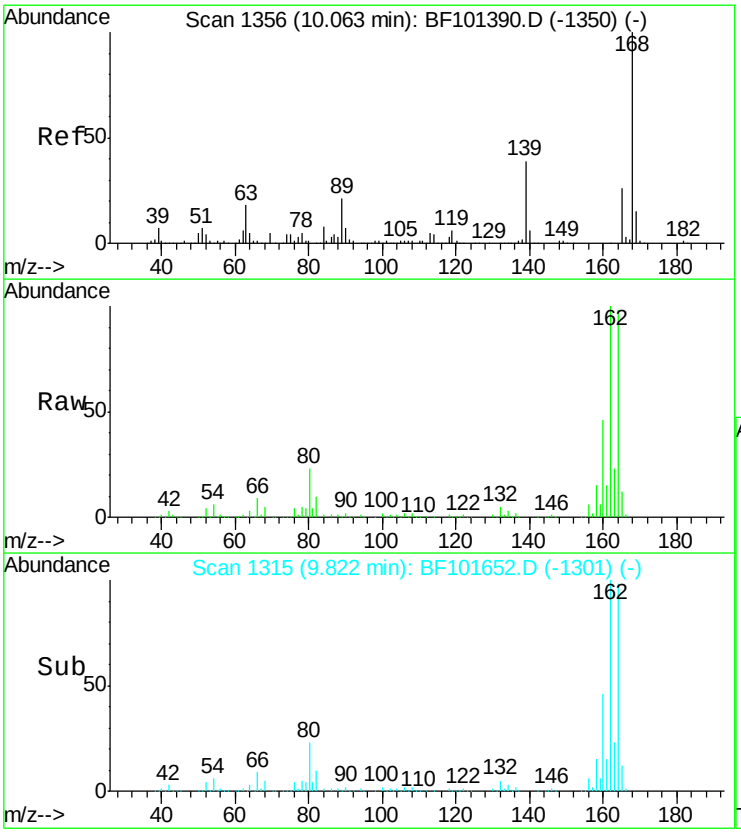
#50
2,6-Dinitrotoluene
Concen: 7.799 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:165 Resp: 33986

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#

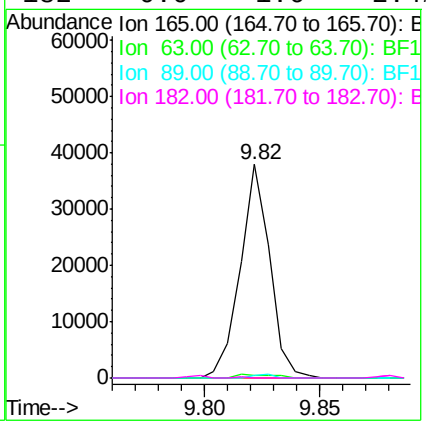


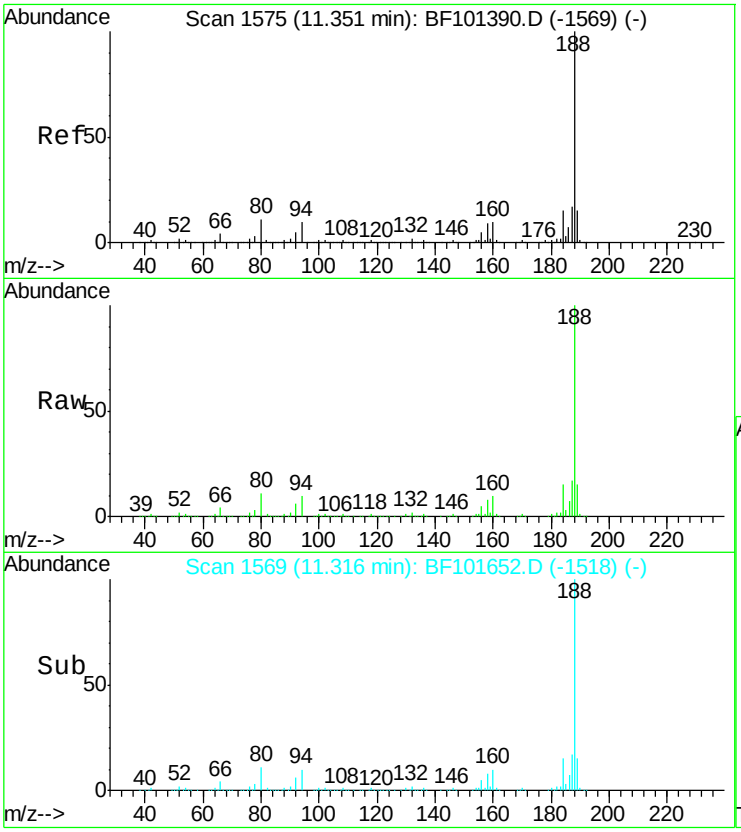


#56
2,4-Dinitrotoluene
Concen: 6.923 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:165 Resp: 33986

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



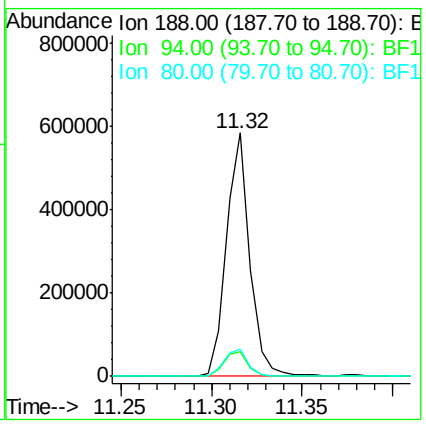


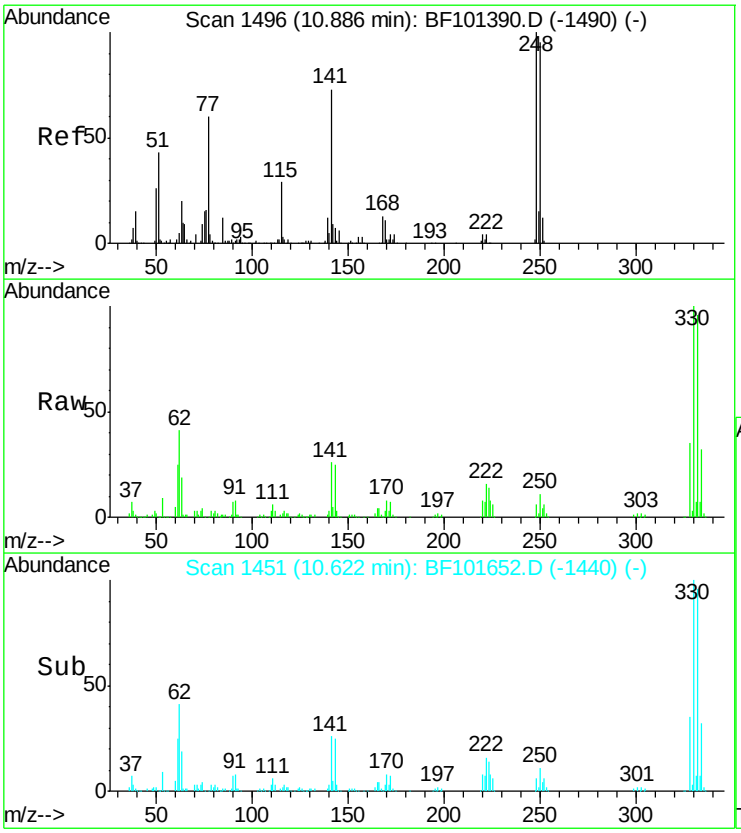
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:188 Resp: 525048

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

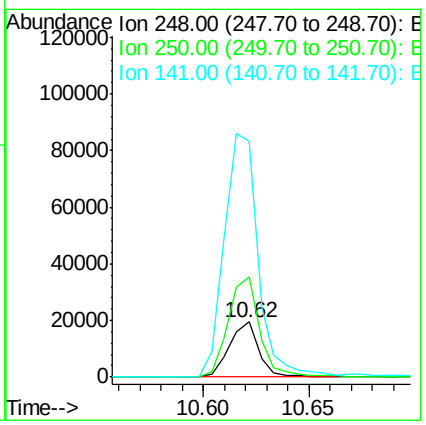


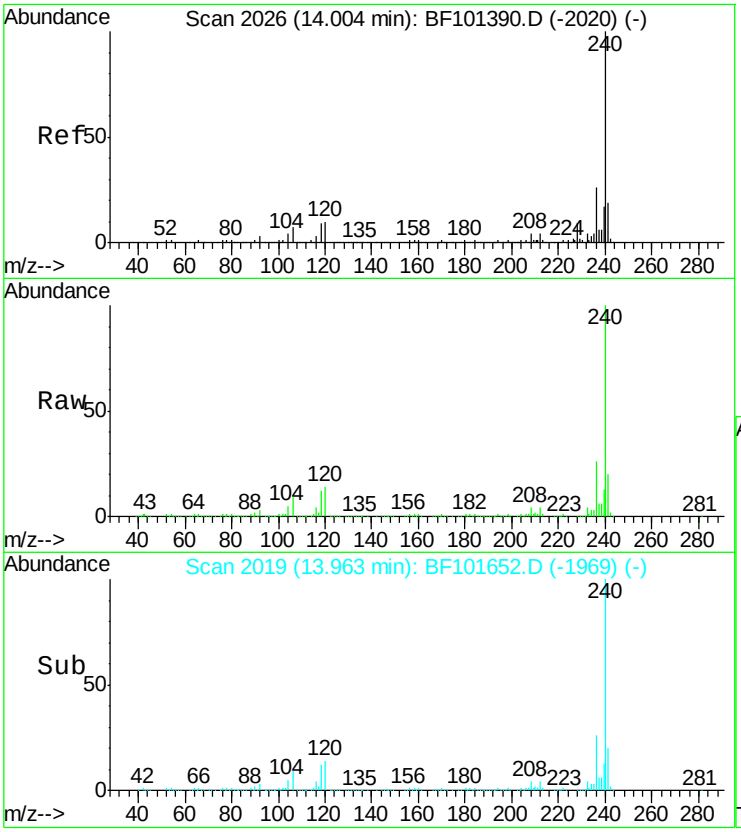


#66
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:248 Resp: 18830

Ion	Ratio	Lower	Upper
248	100		
250	182.3	76.9	115.3#
141	429.4	74.4	111.6#



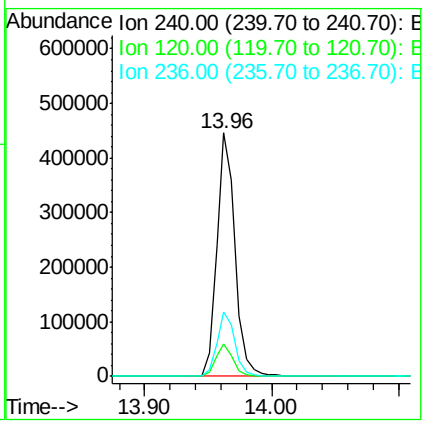


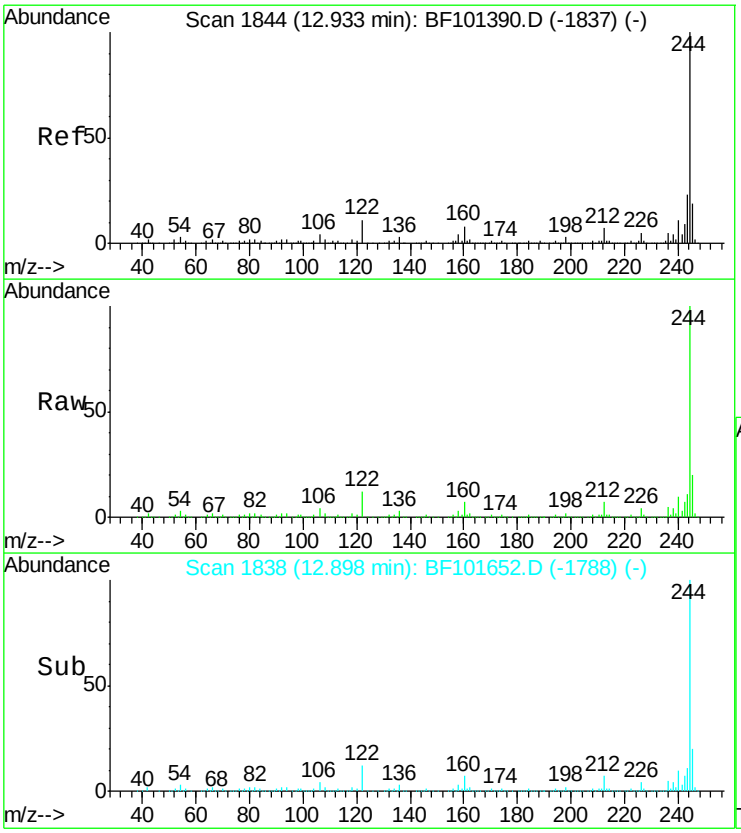
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:240 Resp: 446728

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.2	20.7	31.1

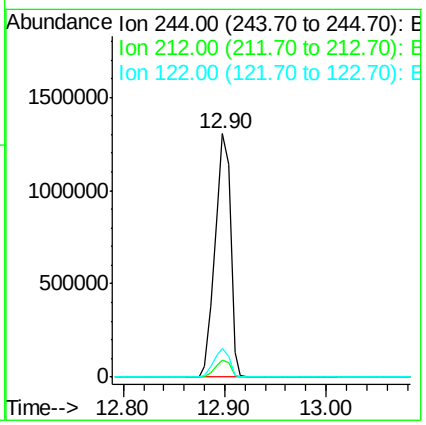


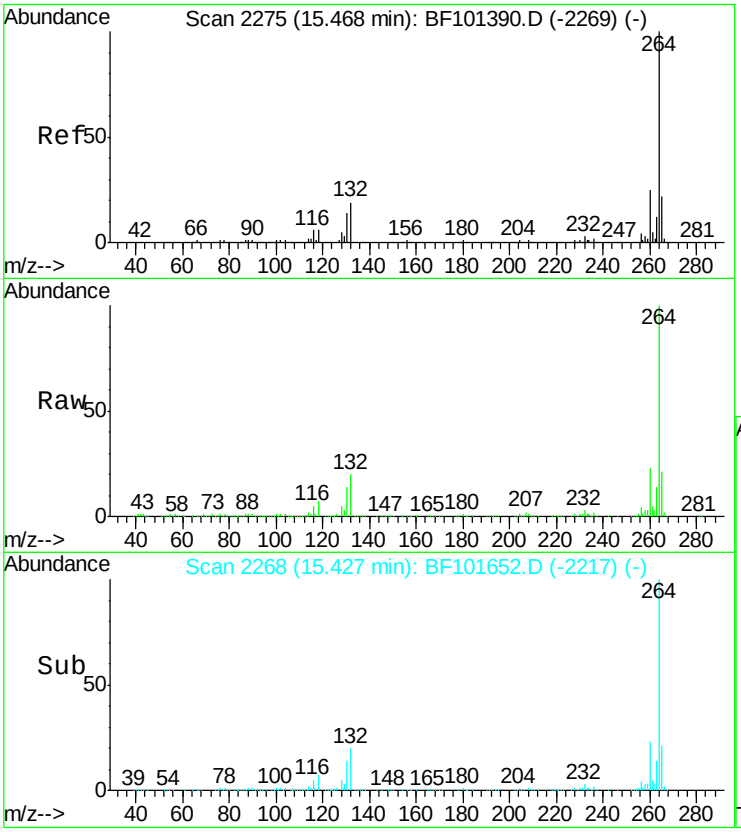


#78
Terphenyl-d14
Concen: 74.948 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:244 Resp: 1388828

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Tgt Ion:264 Resp: 350386

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3