Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101059.D
Acq On : 1 Dec 2017 13:30
Operator : SJ/JU
Sample : PB104630BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104630BL

Quant Time: Dec 01 15:47:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:45:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46630	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	185629	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	91861	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	186601	20.00	ng		0.00
75) Chrysene-d12	14.02	240	160712	20.00	ng		0.00
86) Perylene-d12	15.48	264	118125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	298163	105.66	ng		0.00
7) Phenol-d6	6.47	99	362384	105.77	ng		0.00
23) Nitrobenzene-d5	7.41	82	220299	70.79	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	74727	67.72	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	496462	73.94	ng		0.00
78) Terphenyl-d14	12.96	244	556108	75.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	7032	3.354	ng		84
19) n-Nitroso-di-n-propylamine	7.41	70	28777	12.472	ng	#	84
25) Isophorone	7.41	82	220297	41.446	ng	#	64
49) Dimethylphthalate	9.59	163	29467	3.978	ng	#	99
50) 2,6-Dinitrotoluene	9.88	165	11002	7.051	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	11002	5.261	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4590	2.198	ng	#	1

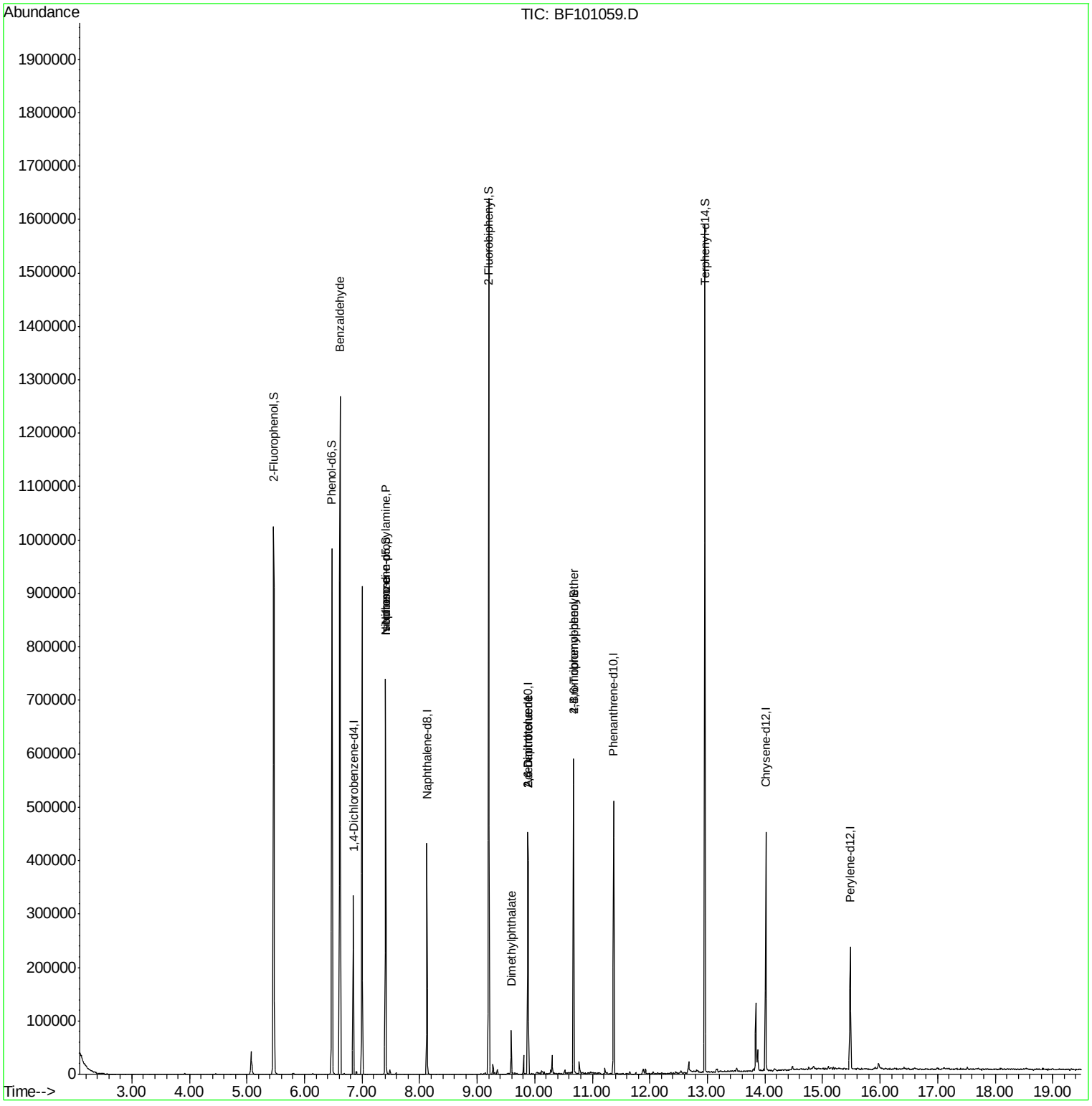
(#) = qualifier out of range (m) = manual integration (+) = signals summed

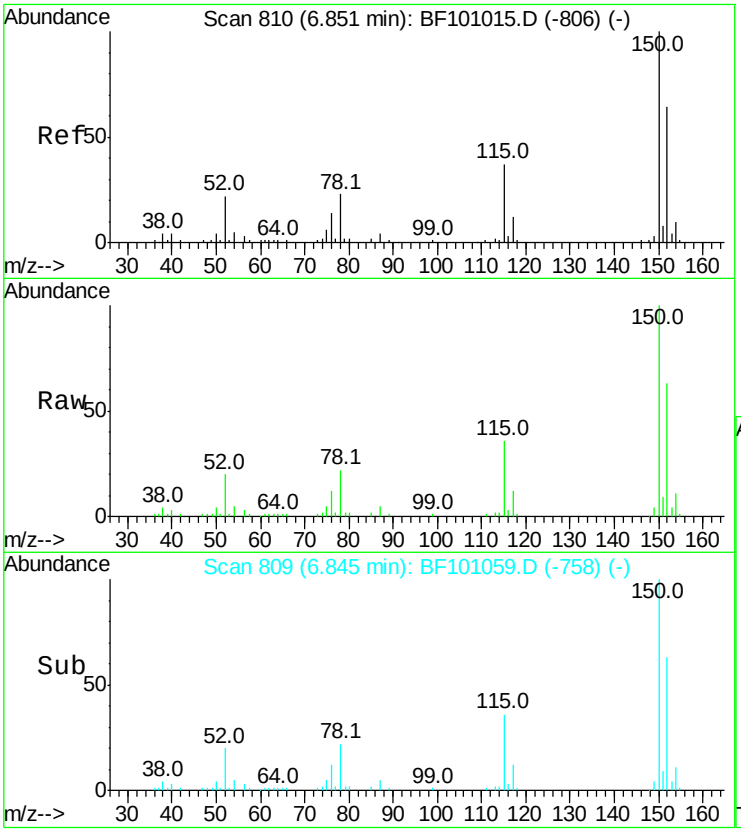
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101059.D
Acq On : 1 Dec 2017 13:30
Operator : SJ/JU
Sample : PB104630BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Quant Time: Dec 01 15:47:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:45:50 2017
Response via : Initial Calibration



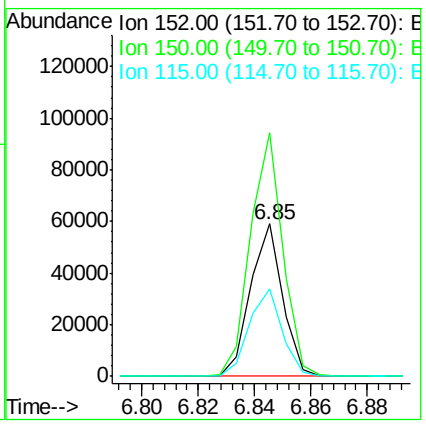


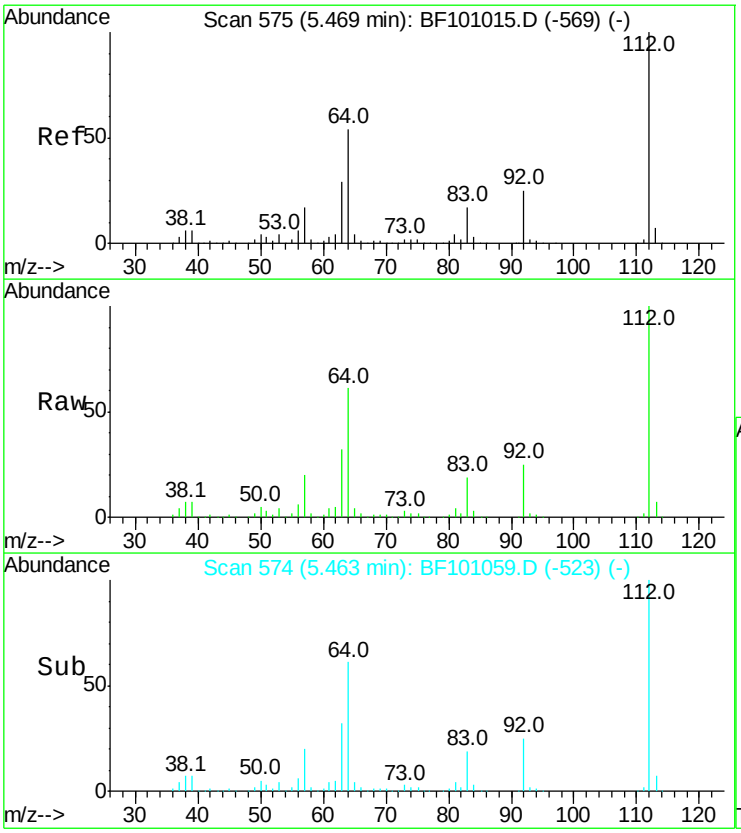
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:152 Resp: 46630

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	57.0	50.1	75.1

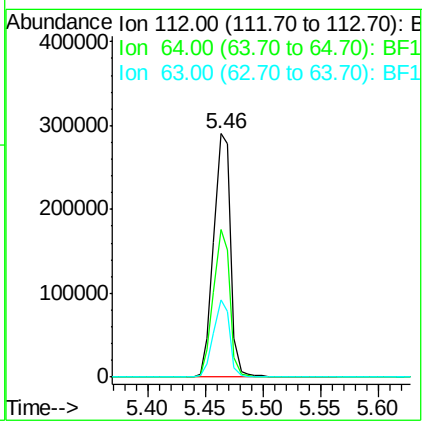


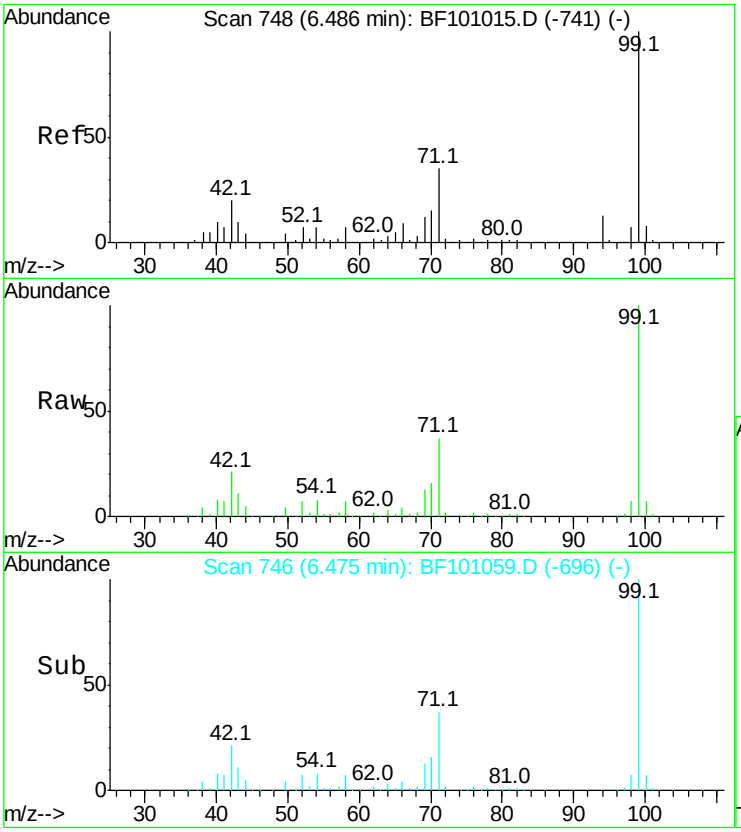


#5
2-Fluorophenol
Concen: 105.661 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:112 Resp: 298163

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.7	23.7	35.5



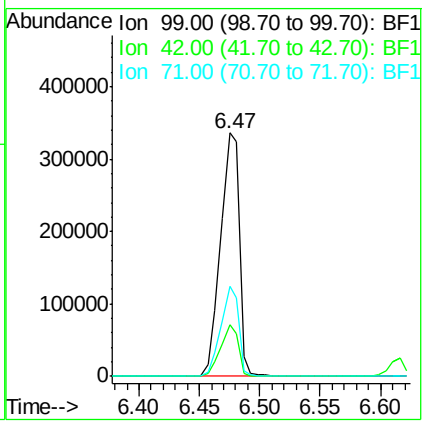


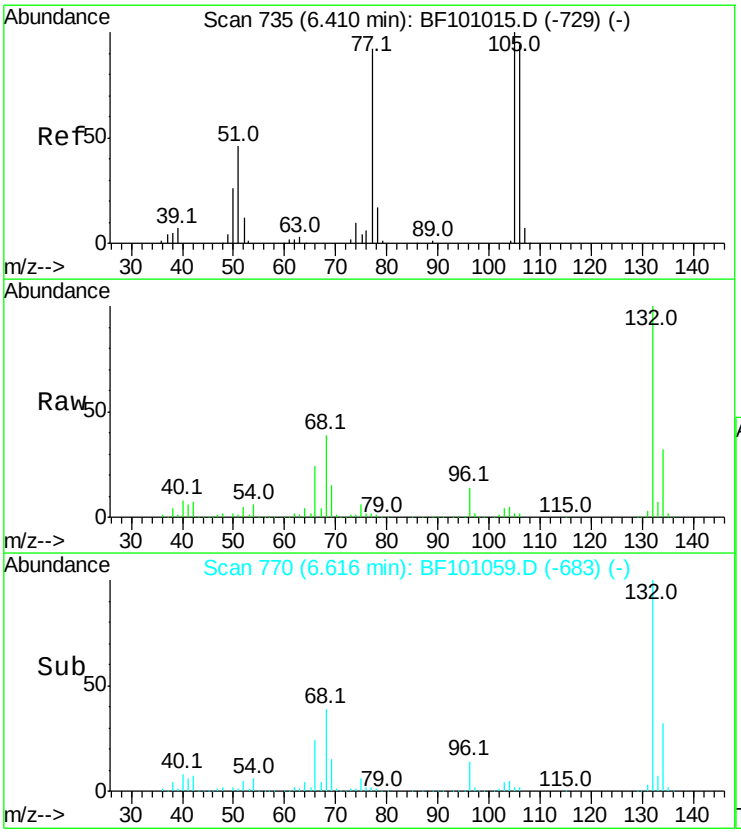
#7
Phenol-d6
Concen: 105.773 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion: 99 Resp: 362384

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	37.0	25.4	38.0

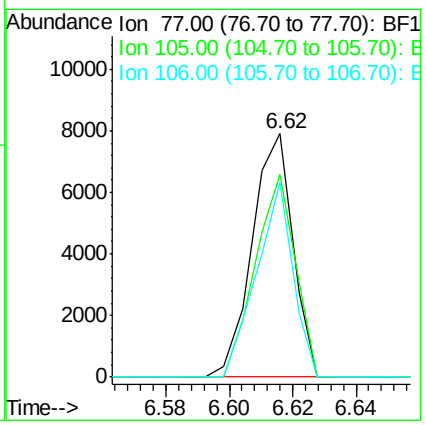


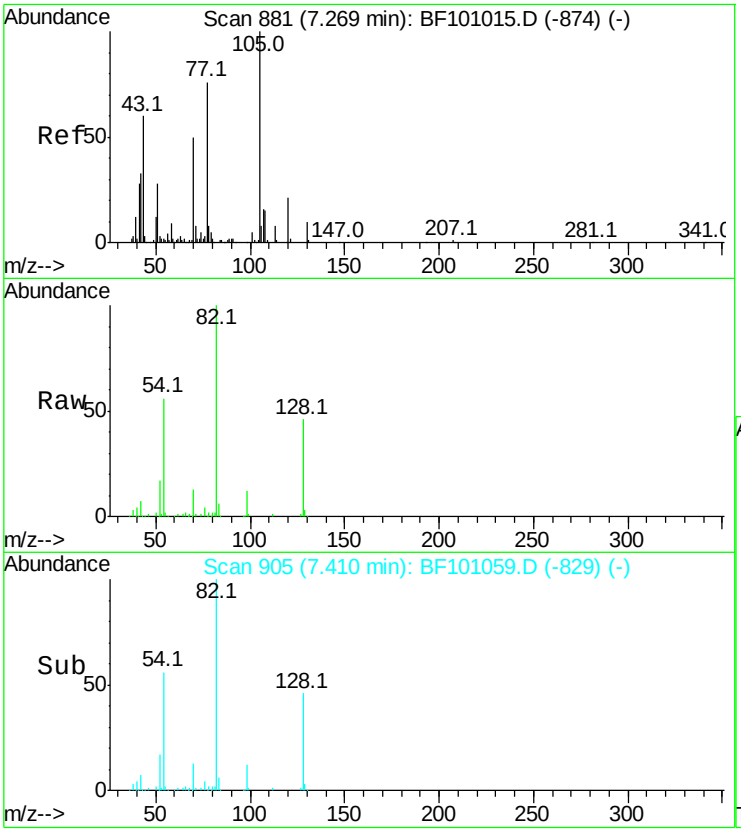


#9
Benzaldehyde
Concen: 3.354 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion: 77 Resp: 7032

Ion	Ratio	Lower	Upper
77	100		
105	83.5	81.1	121.1
106	80.3	74.5	114.5



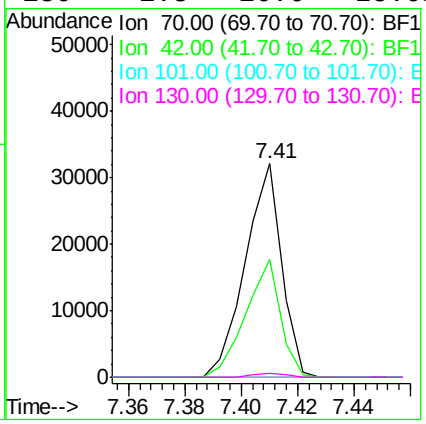


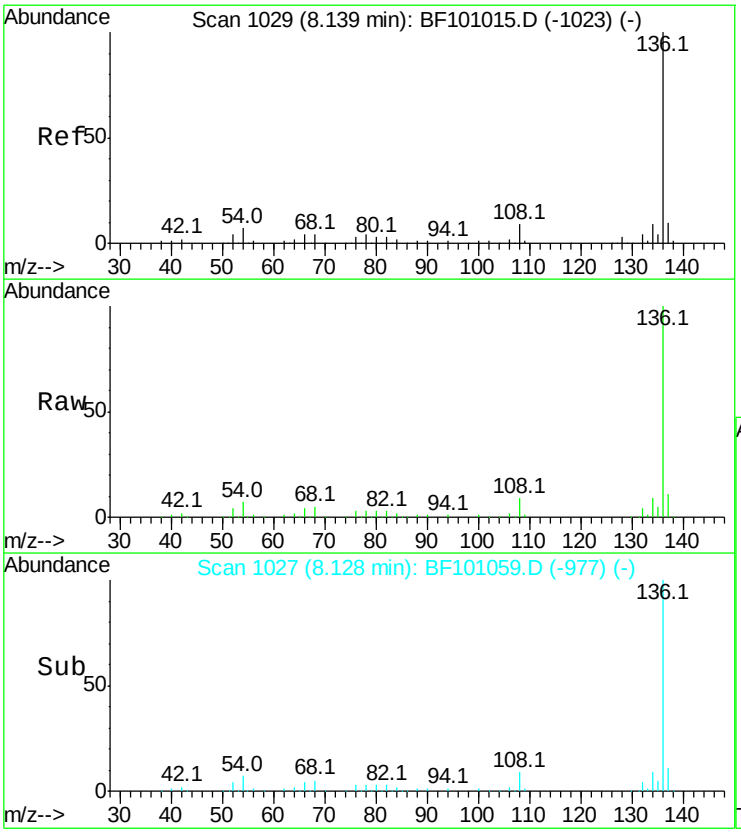
#19
n-Nitroso-di-n-propylamine
Concen: 12.472 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion: 70 Resp: 28777

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

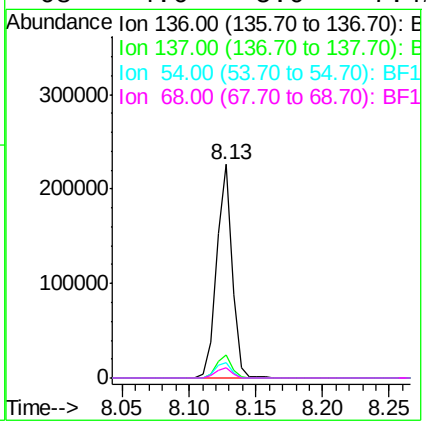


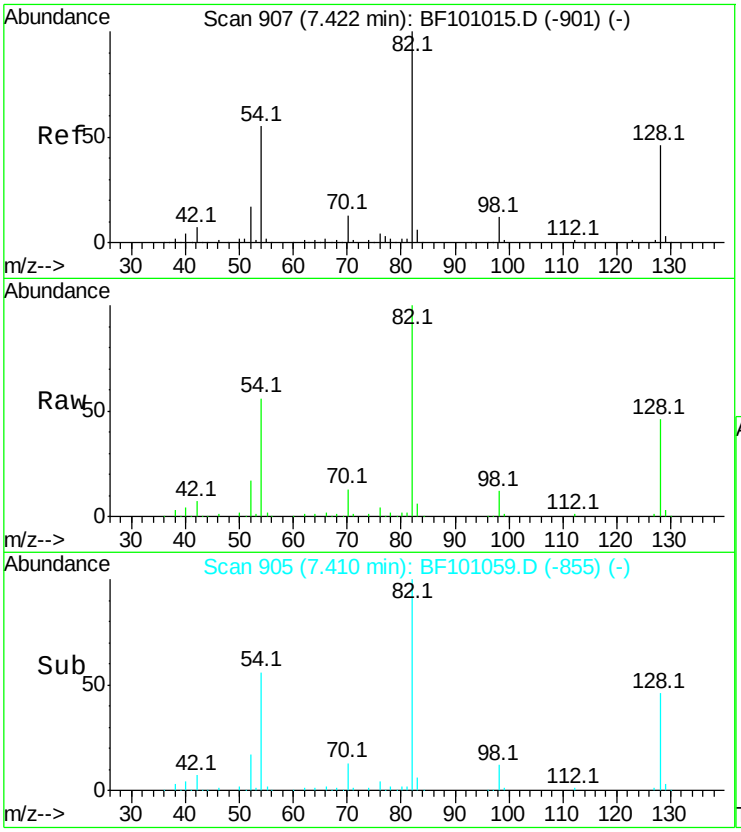


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:136 Resp: 185629

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	4.6	5.0	7.4#

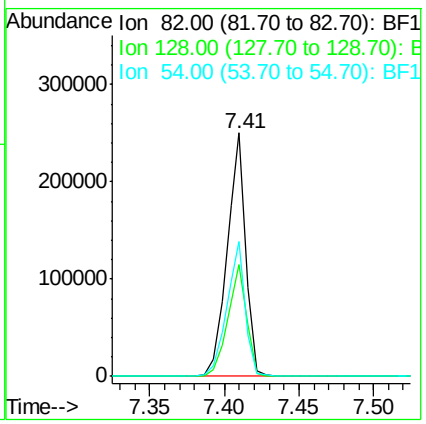




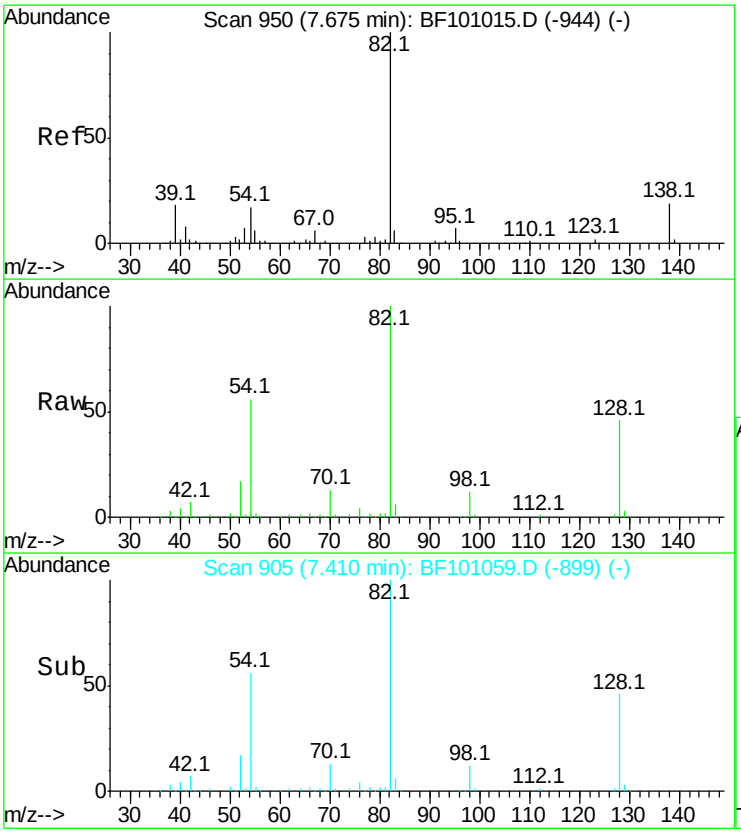
#23
Nitrobenzene-d5
Concen: 70.795 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion: 82 Resp: 220299

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	55.5	41.4	62.2



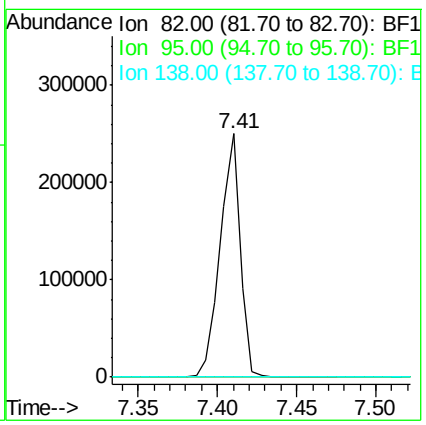
Instrument :
BNA_F
ClientSampleId :
PB104630BL

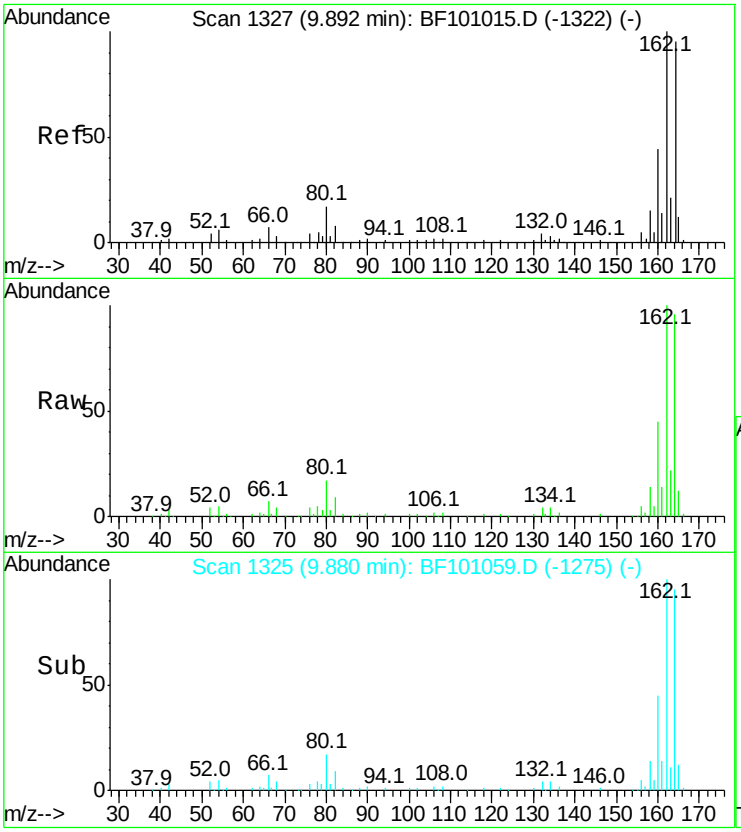


#25
Isophorone
Concen: 41.446 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion: 82 Resp: 220297

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



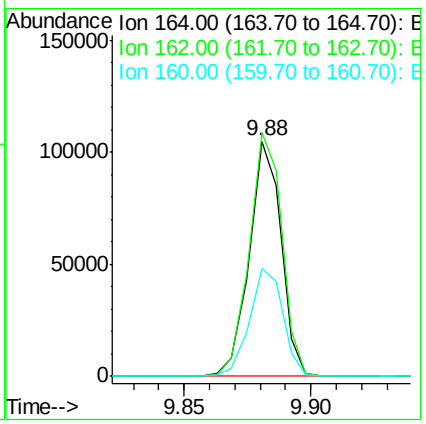


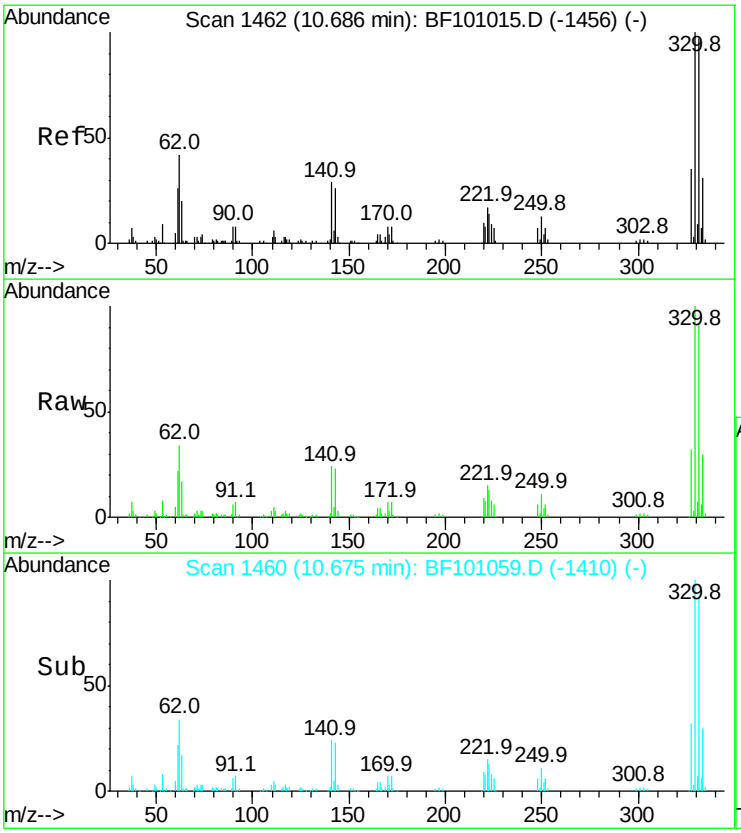
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:164 Resp: 91861

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.2	38.3	57.5

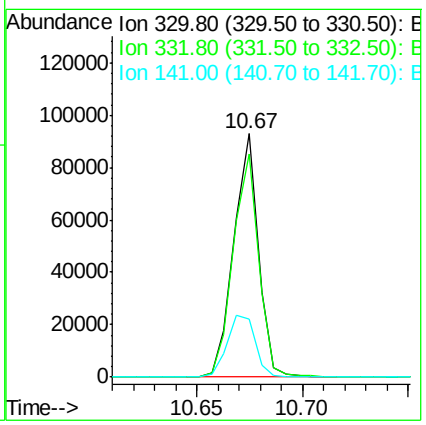


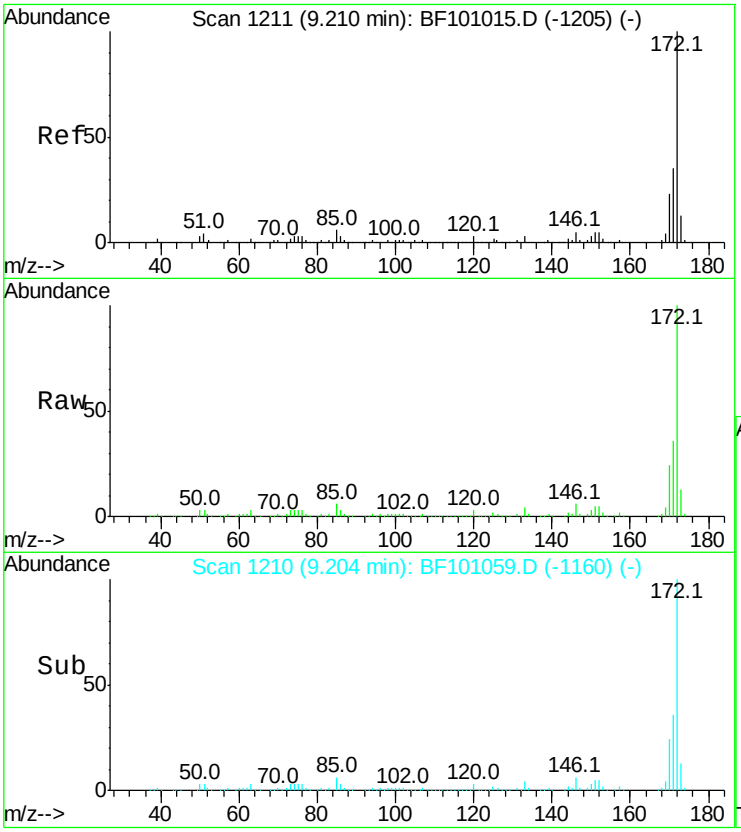


#41
2,4,6-Tribromophenol
Concen: 67.717 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:330 Resp: 74727

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	29.1	29.9	44.9#



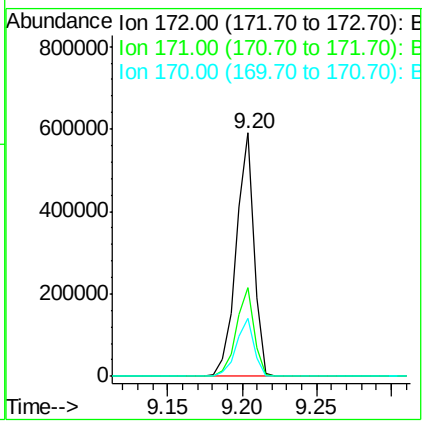


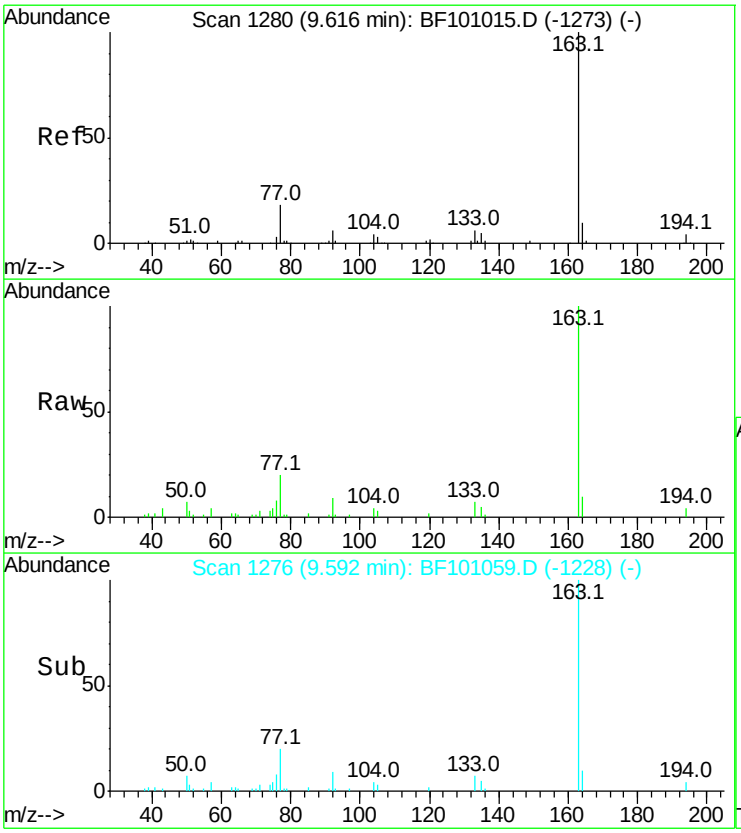
#44
2-Fluorobiphenyl
Concen: 73.944 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:172 Resp: 496462

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4

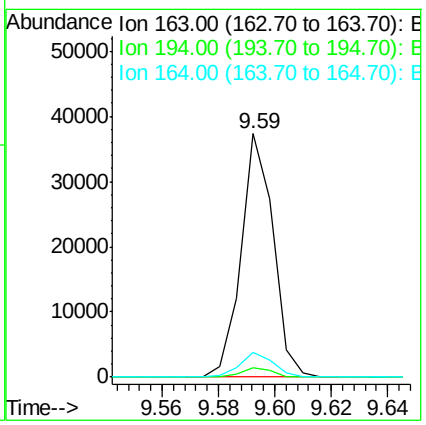


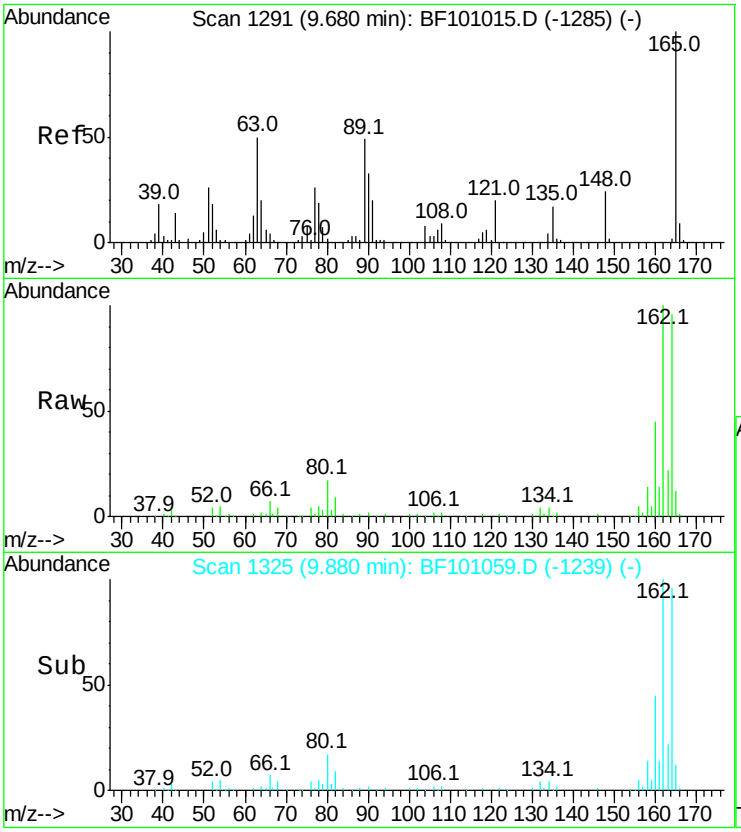


#49
Dimethylphthalate
Concen: 3.978 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:163 Resp: 29467

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.3	8.2	12.2



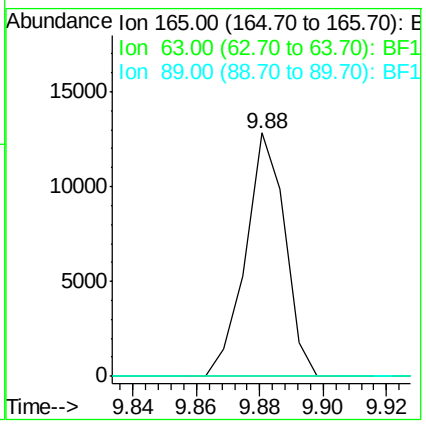


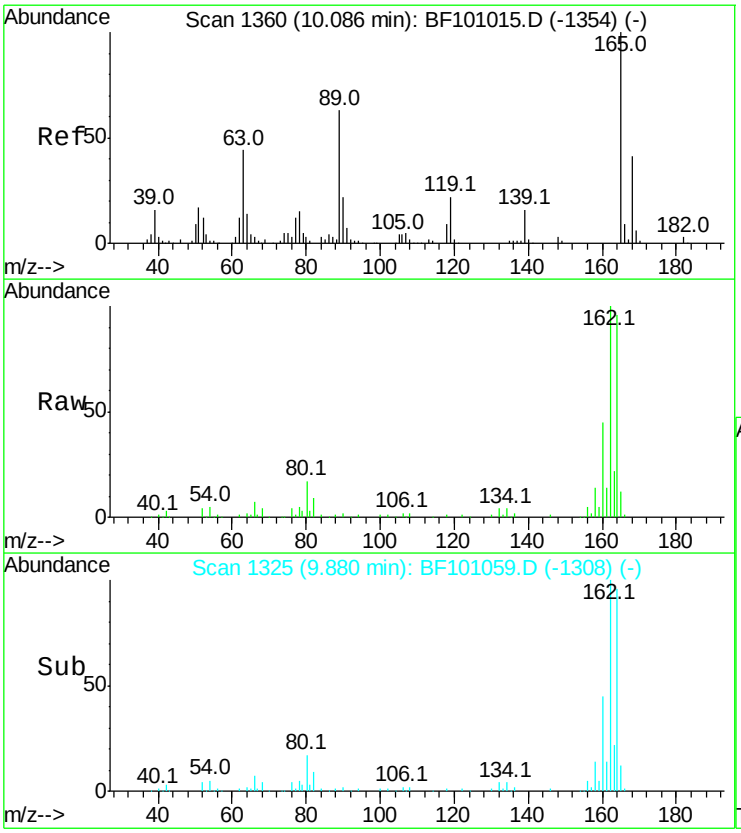
#50
2,6-Dinitrotoluene
Concen: 7.051 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:165 Resp: 11002

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

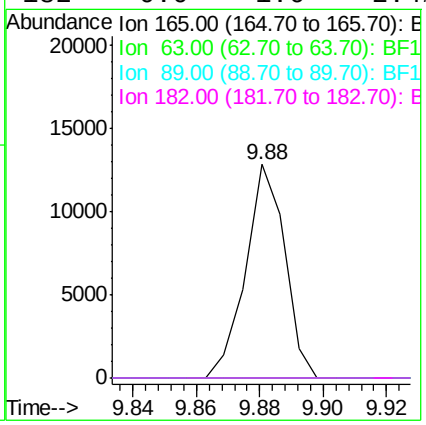


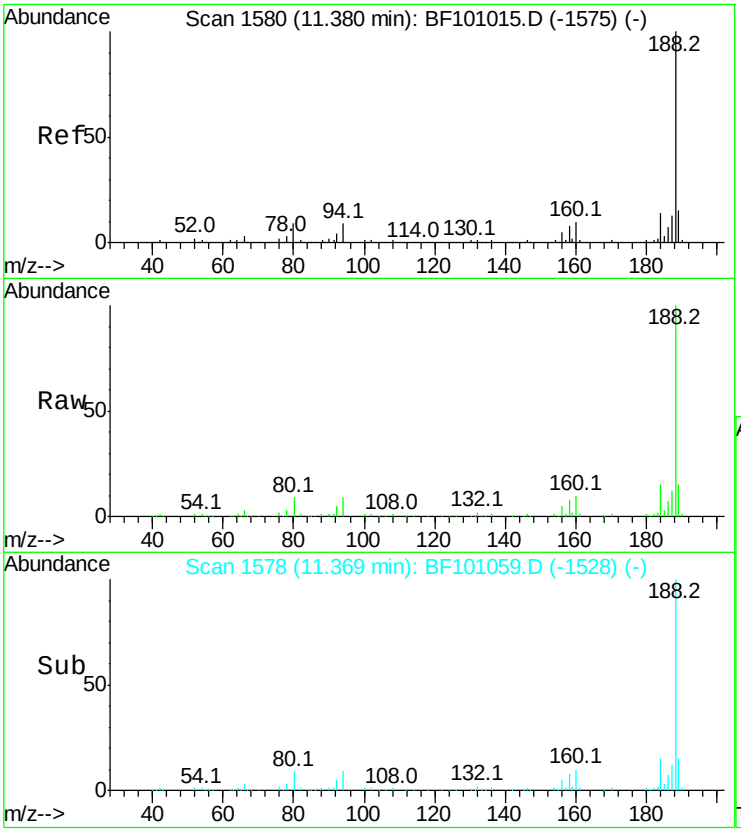


#56
2,4-Dinitrotoluene
Concen: 5.261 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:165 Resp: 11002

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#



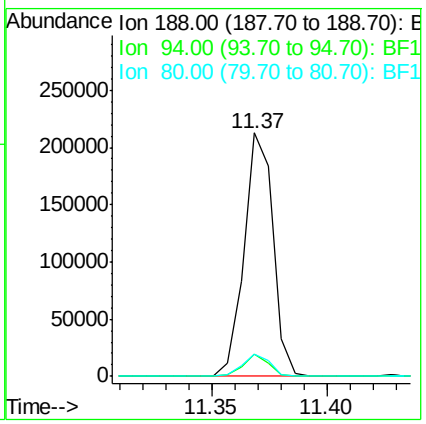


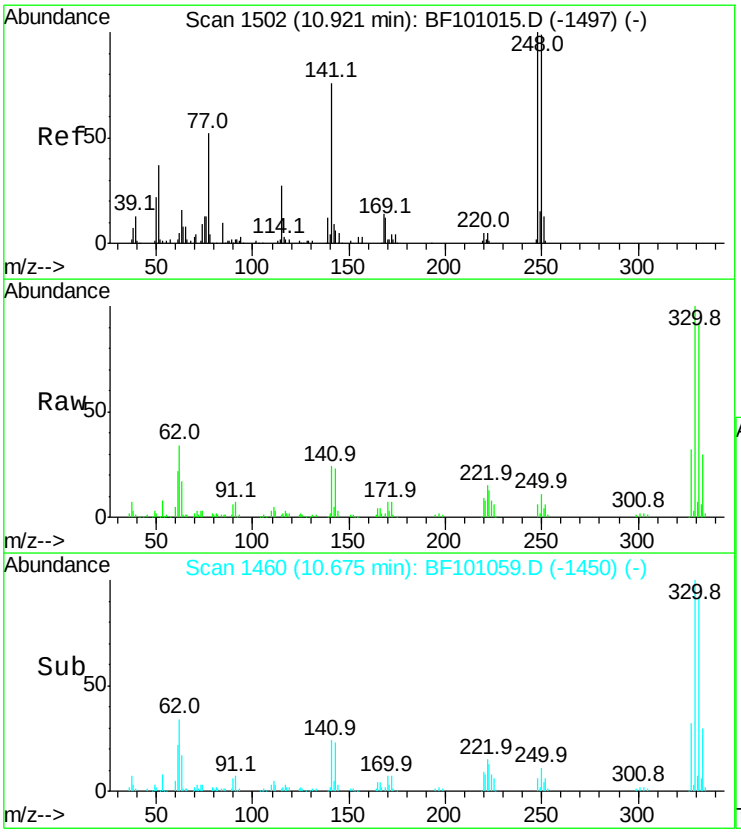
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:188 Resp: 186601

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.2	9.2	13.8#

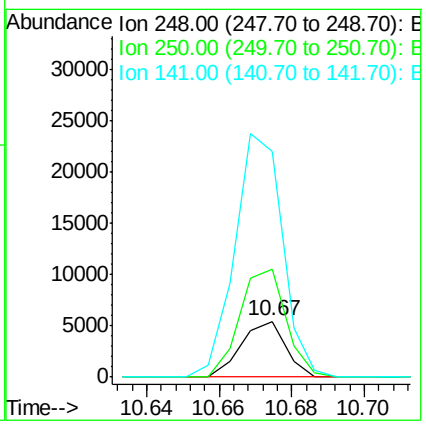


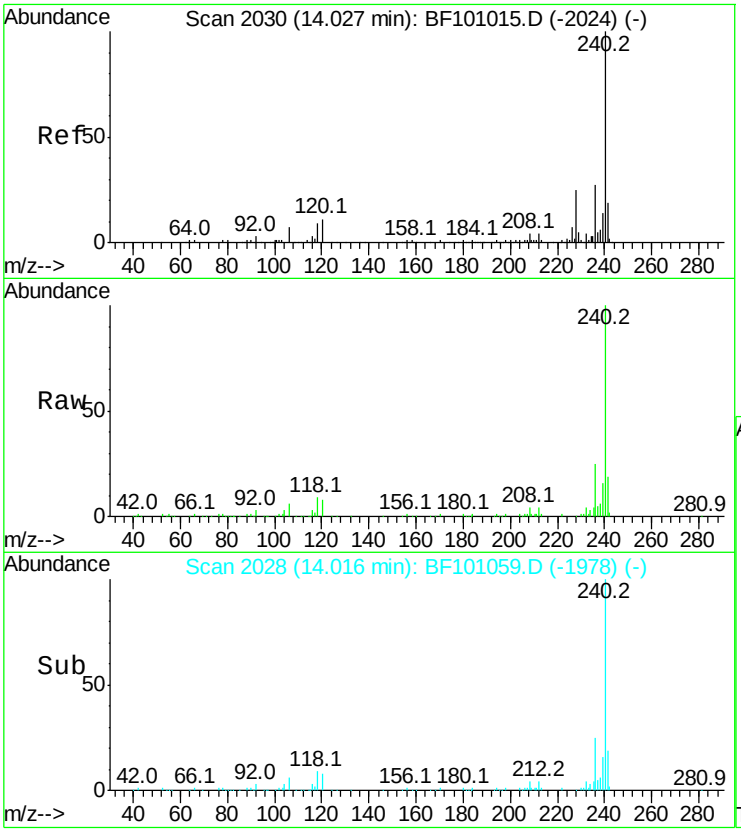


#66
4-Bromophenyl-phenylether
Concen: 2.198 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:248 Resp: 4590

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	403.4	74.4	111.6#



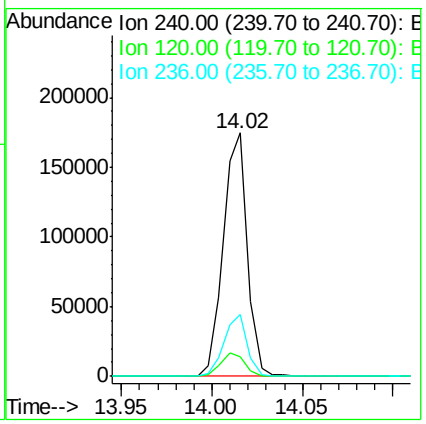


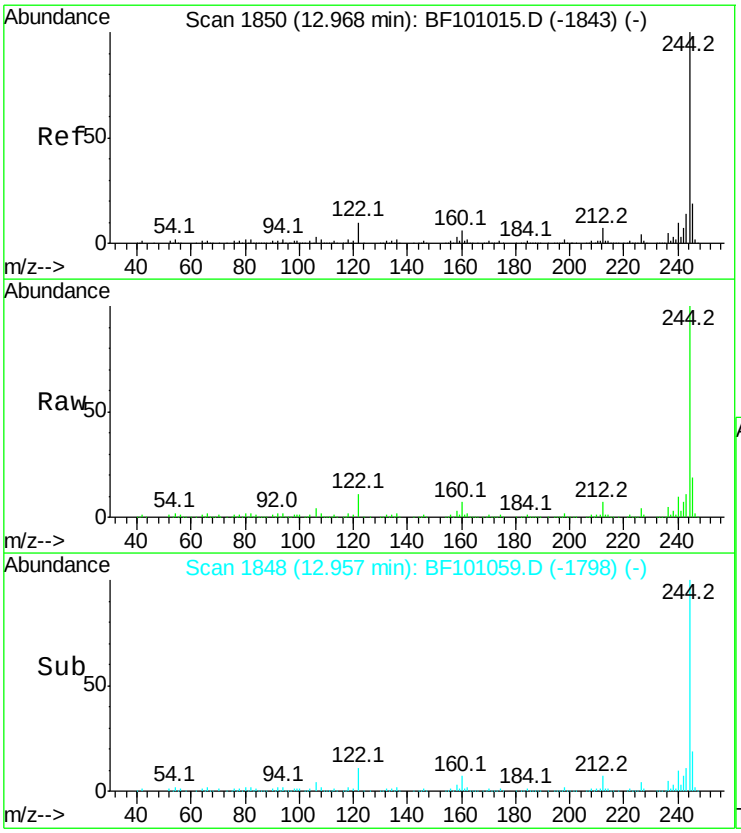
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:240 Resp: 160712

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	25.3	20.7	31.1

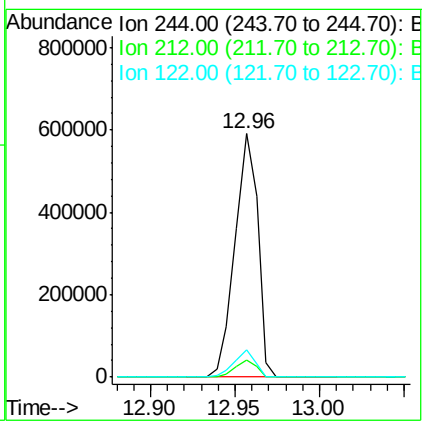


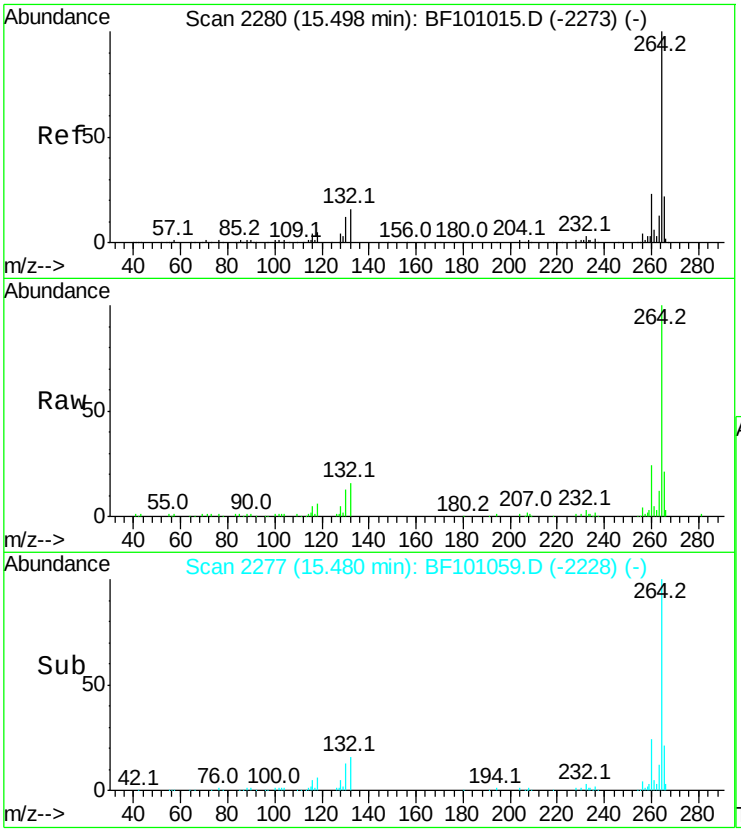


#78
Terphenyl-d14
Concen: 75.685 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Tgt Ion:244 Resp: 556108

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF101059.D
Acq: 1 Dec 2017 13:30

Instrument :
BNA_F
ClientSampleId :
PB104630BL

Tgt Ion:264 Resp: 118125

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