Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121317\
Data File : BF101384.D
Acq On : 14 Dec 2017 00:42
Operator : SJ/JU
Sample : I6816-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:37:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167892	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	684346	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	304722	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	567216	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	388884	20.00	ng	0.00
86) Perylene-d12	15.47	264	325217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	451138	44.40	ng	0.00
7) Phenol-d6	6.45	99	344252	27.91	ng	-0.01
23) Nitrobenzene-d5	7.39	82	989831	86.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	208711	57.02	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1610774	72.32	ng	-0.01
78) Terphenyl-d14	12.93	244	1416765	79.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	134683	16.212	ng	# 84
25) Isophorone	7.39	82	989823	50.512	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	39741	7.678	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	39741	5.729	ng	# 23
62) Azobenzene	10.57	77	60928	2.962	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	13356	2.104	ng	# 1

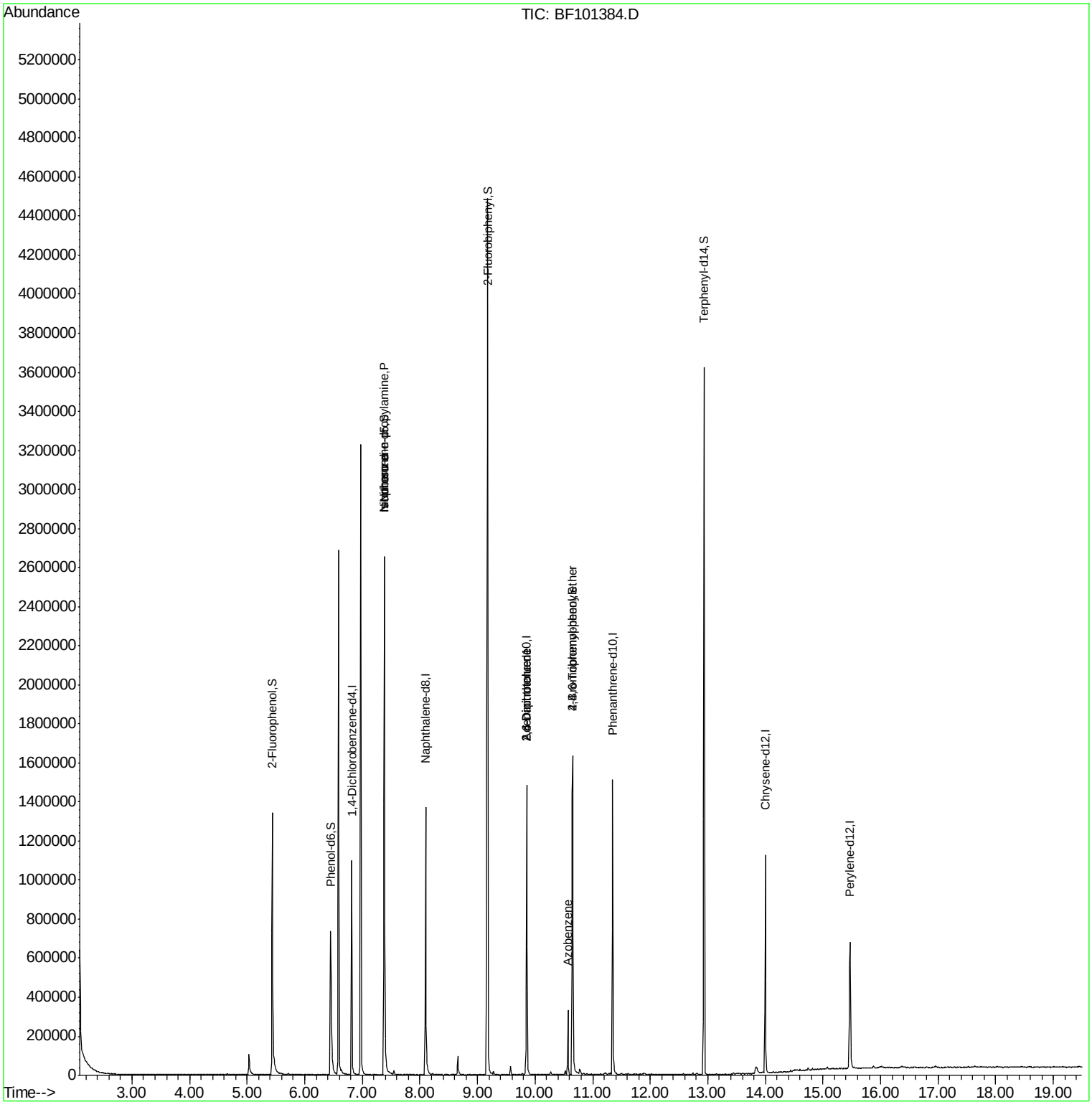
(#) = qualifier out of range (m) = manual integration (+) = signals summed

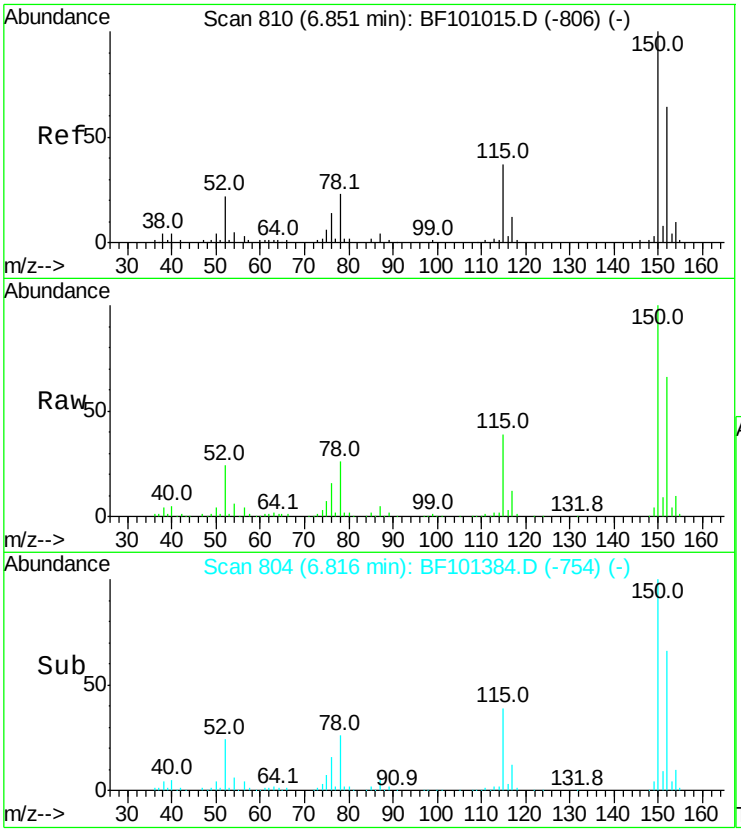
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121317\
Data File : BF101384.D
Acq On : 14 Dec 2017 00:42
Operator : SJ/JU
Sample : I6816-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 02:37:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



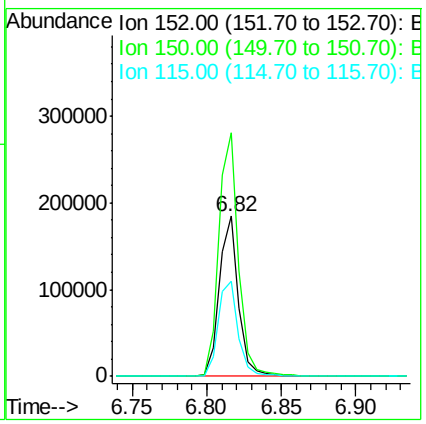


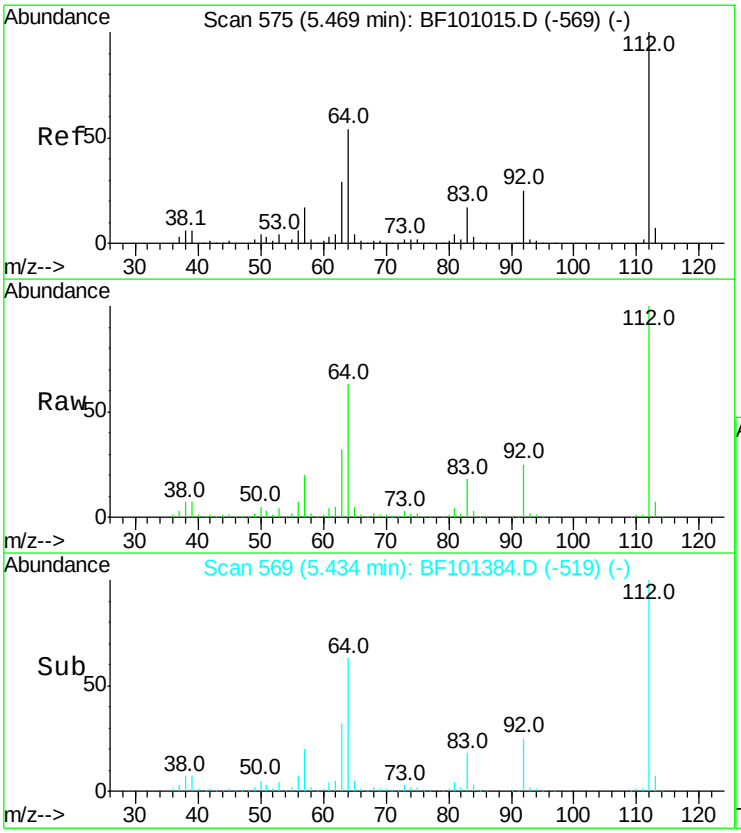
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167892

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	59.2	50.1	75.1

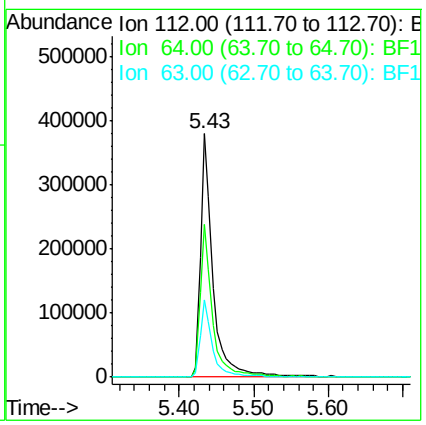


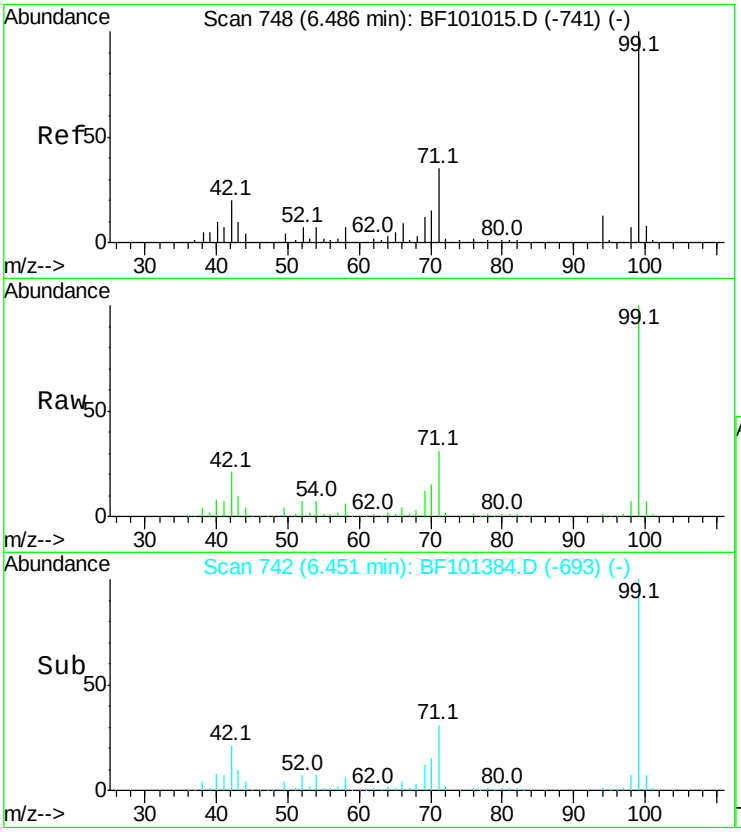


#5
2-Fluorophenol
Concen: 44.402 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:112 Resp: 451138

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.8	23.7	35.5



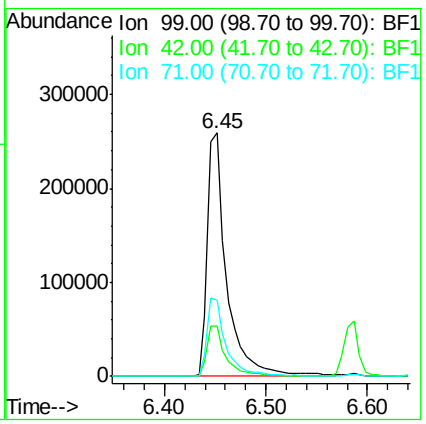


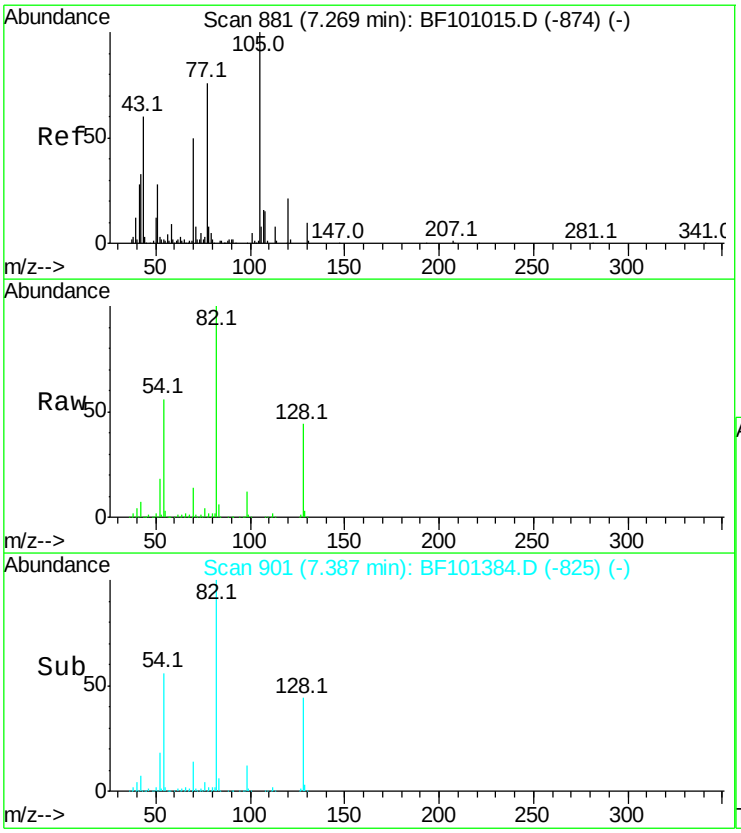
#7
Phenol-d6
Concen: 27.907 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 344252

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	31.4	25.4	38.0

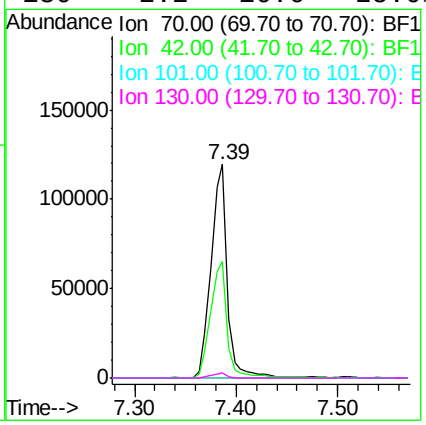


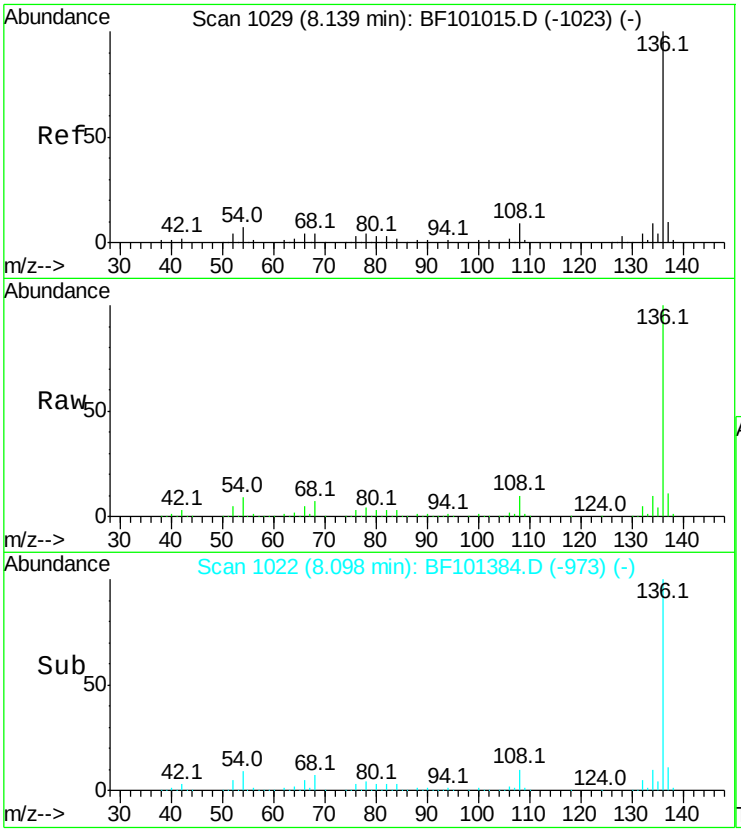


#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion: 70 Resp: 134683

Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



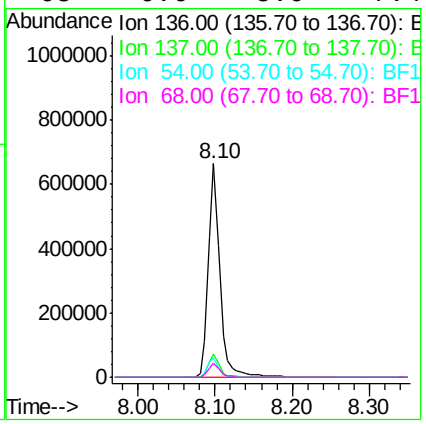


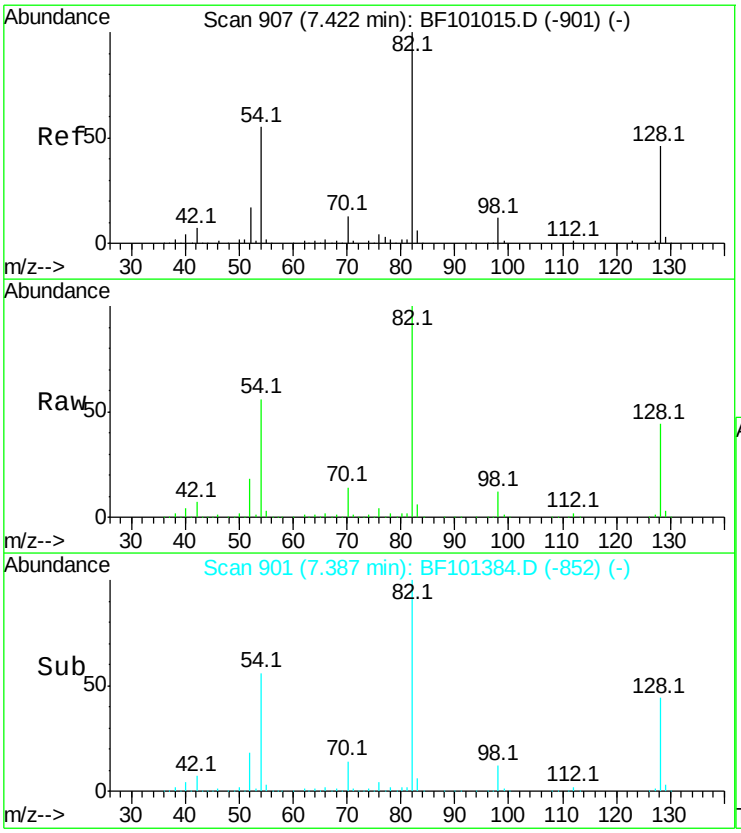
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 684346

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

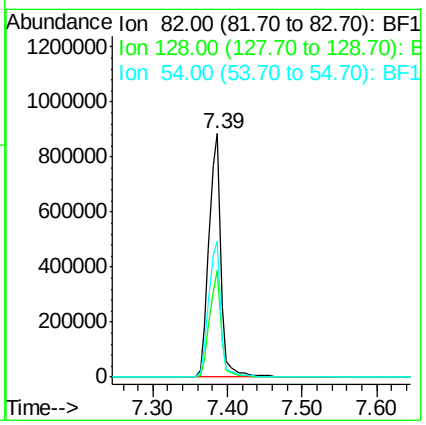


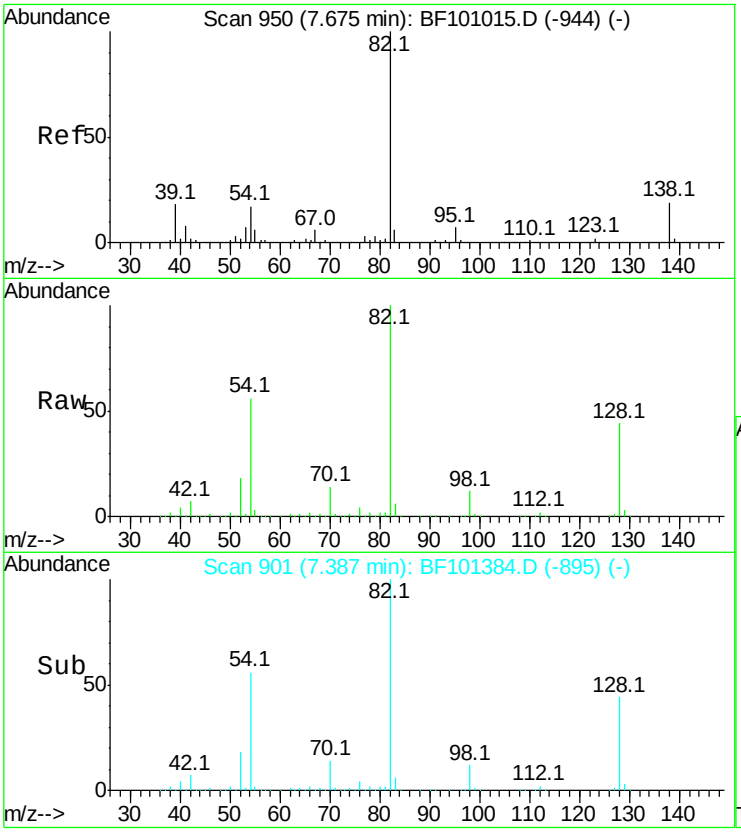


#23
Nitrobenzene-d5
Concen: 86.282 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion: 82 Resp: 989831

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	55.7	41.4	62.2



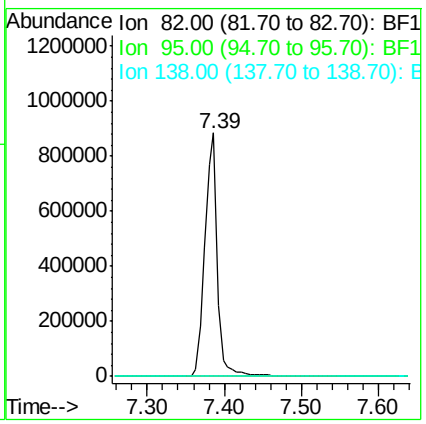


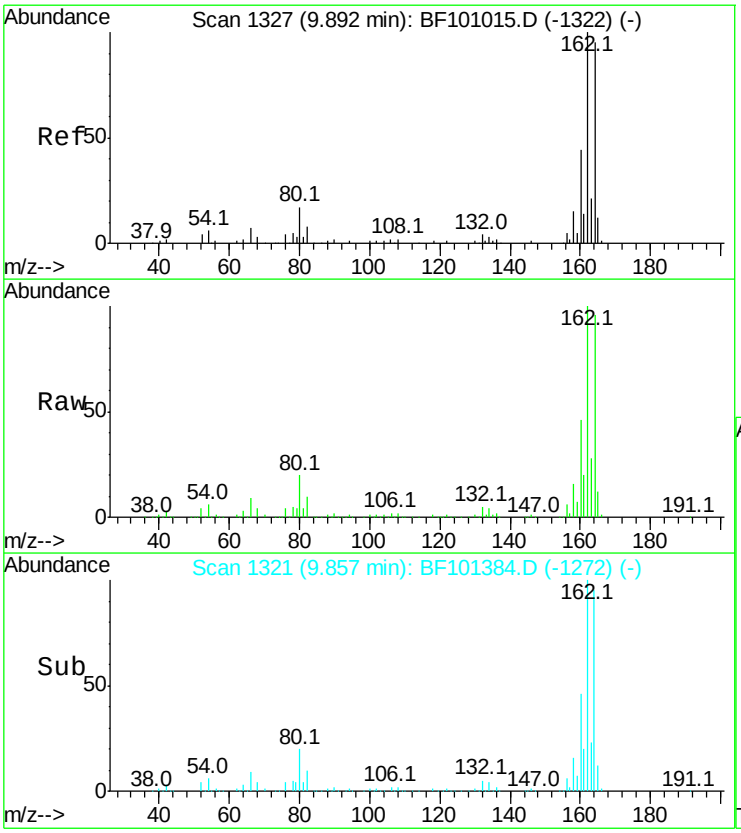
#25
Isophorone
Concen: 50.512 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 989823

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

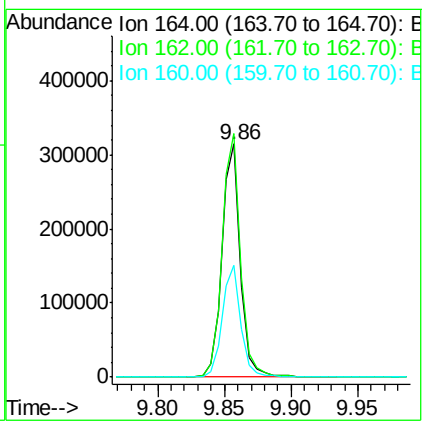


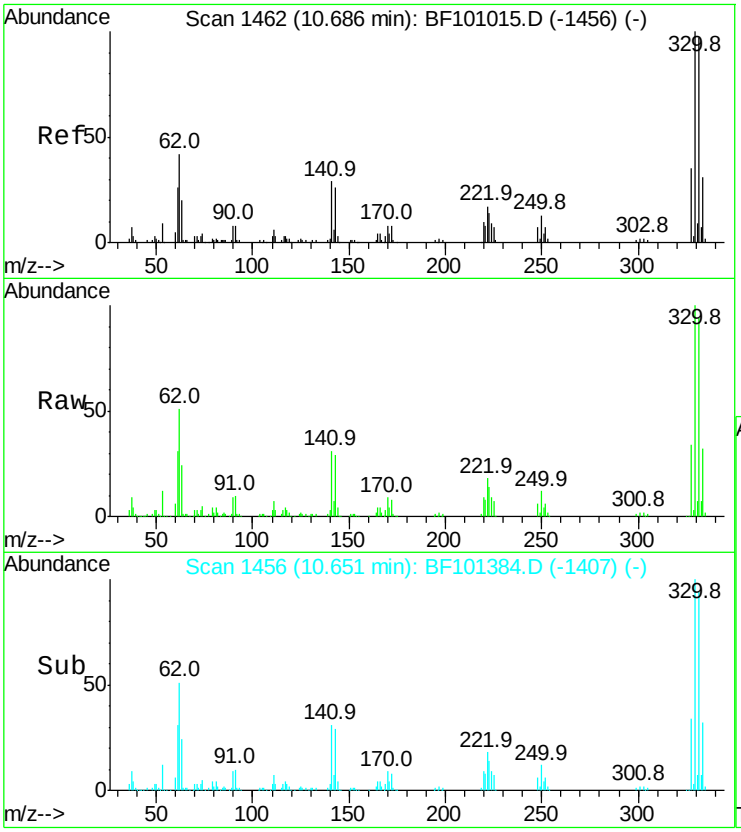


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:164 Resp: 304722

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.9	38.3	57.5



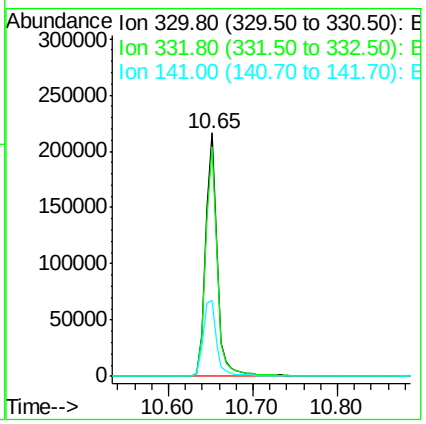


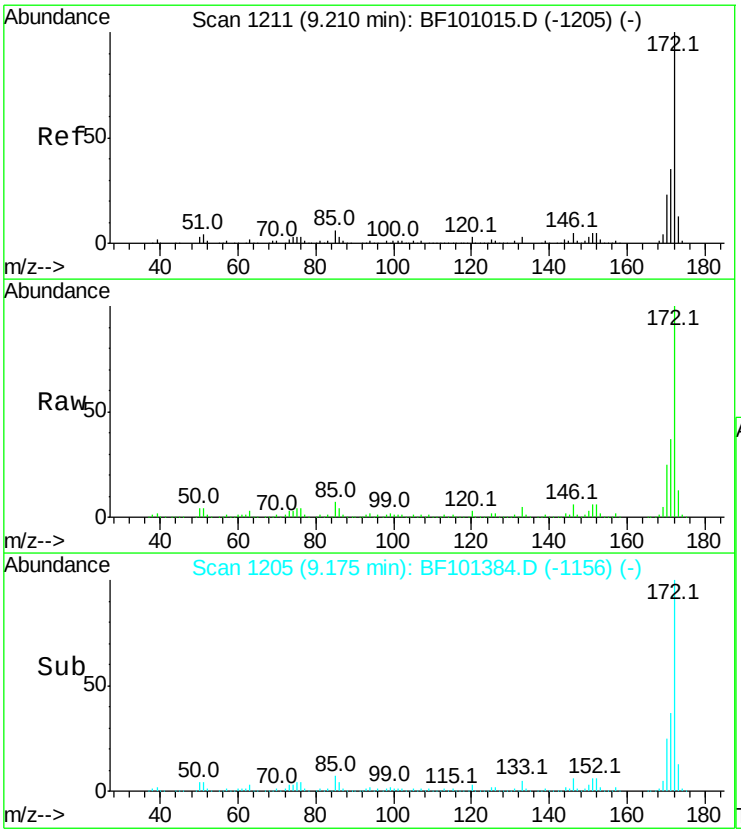
#41
2,4,6-Tribromophenol
Concen: 57.016 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 208711

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.3	29.9	44.9

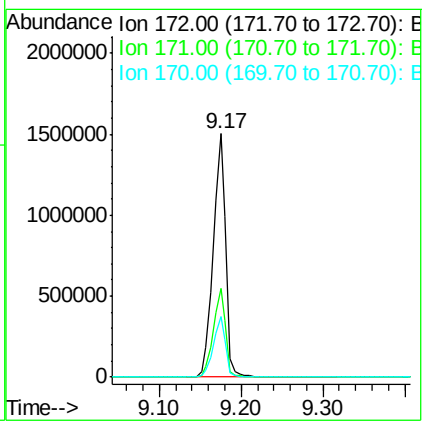


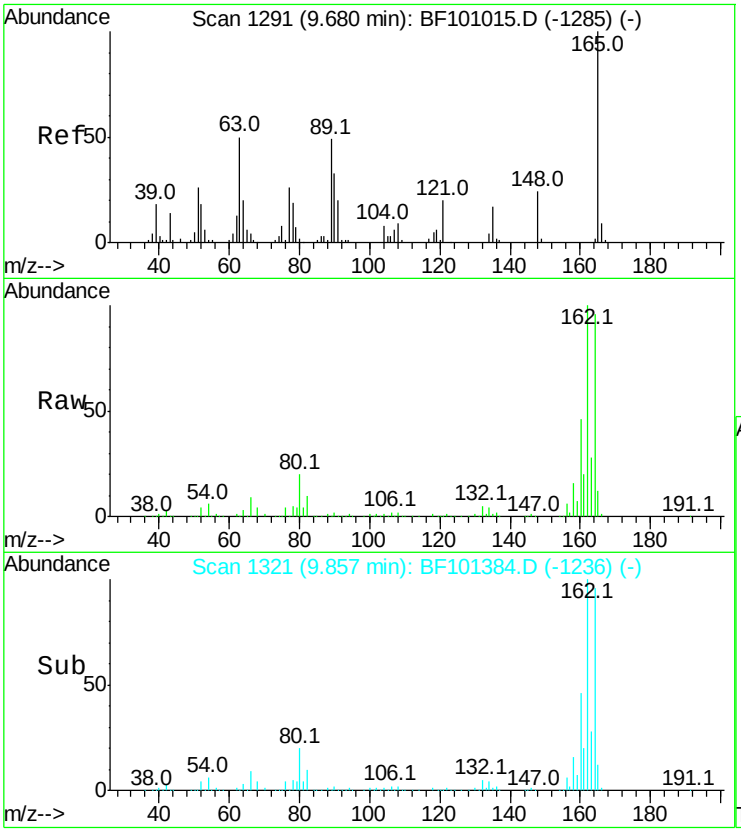


#44
2-Fluorobiphenyl
Concen: 72.324 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:172 Resp: 1610774

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.1	19.6	29.4



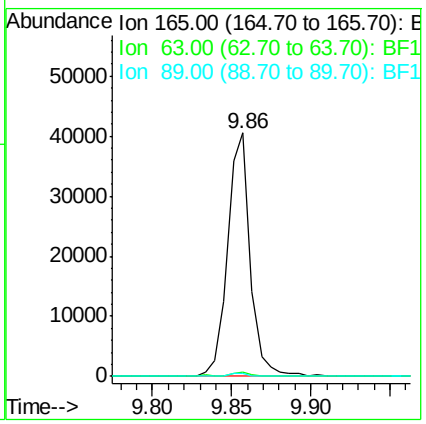


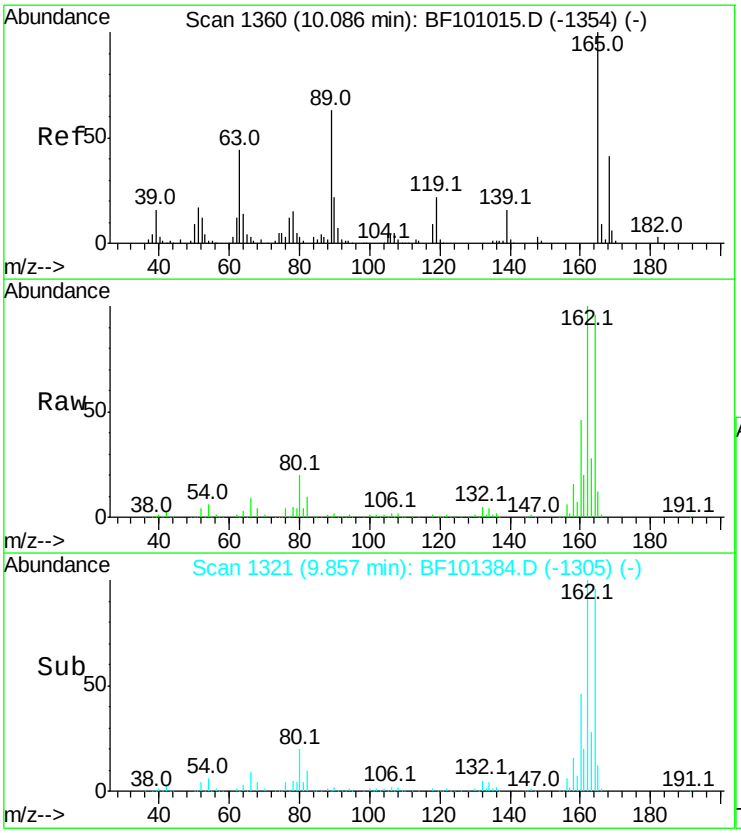
#50
2,6-Dinitrotoluene
Concen: 7.678 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39741

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#

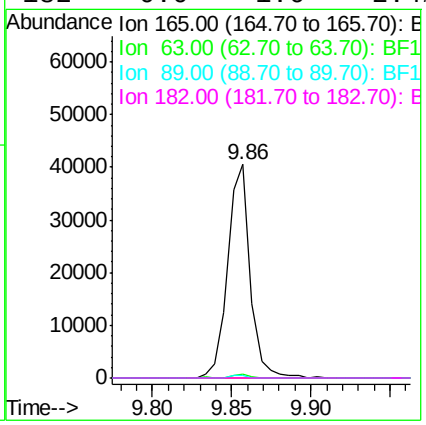


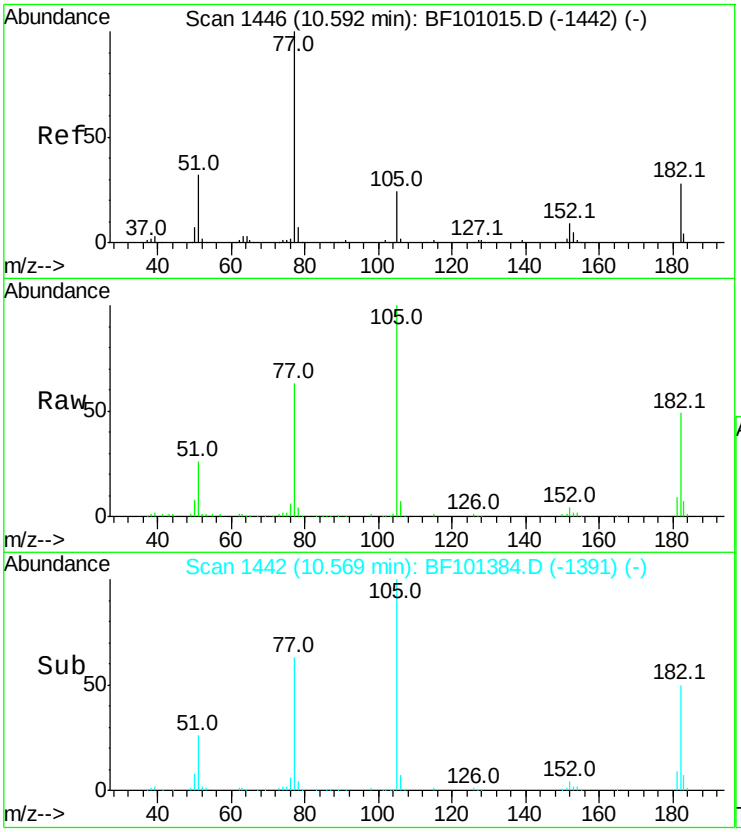


#56
2,4-Dinitrotoluene
Concen: 5.729 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:165 Resp: 39741

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



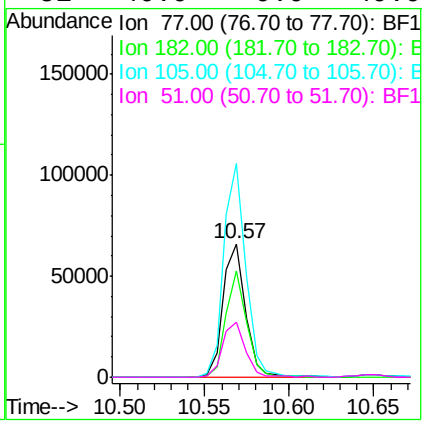


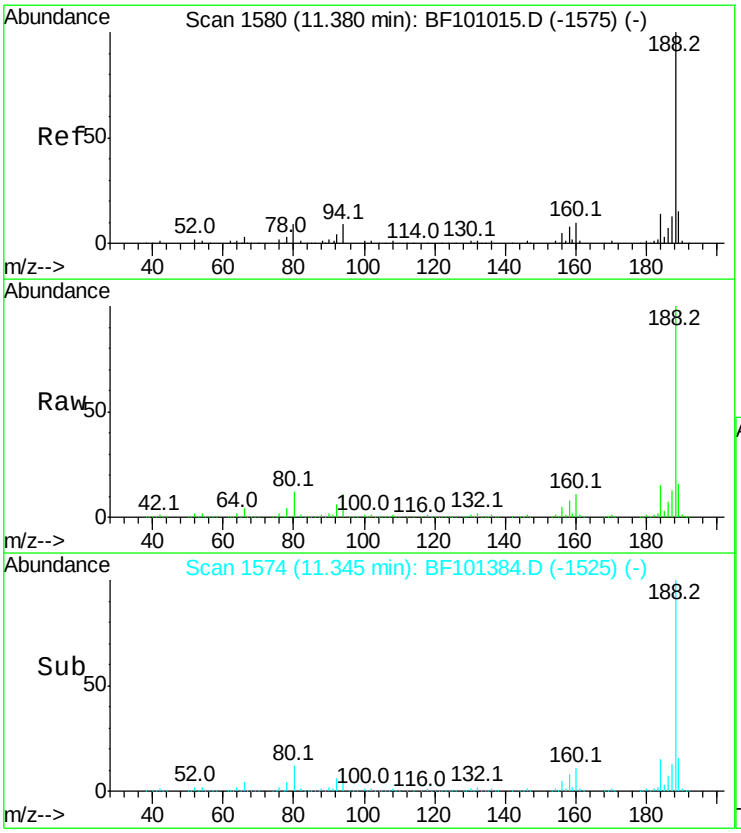
#62
Azobenzene
Concen: 2.962 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 60928

Ion	Ratio	Lower	Upper
77	100		
182	79.1	1.7	41.7#
105	159.9	3.0	43.0#
51	40.9	9.9	49.9

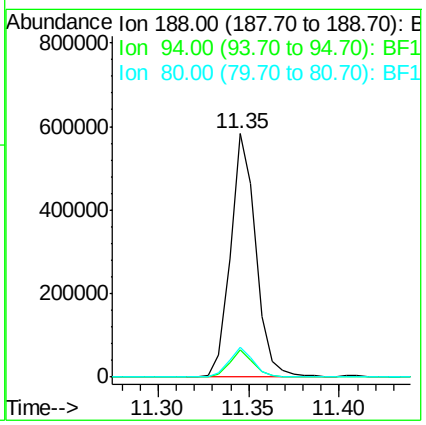


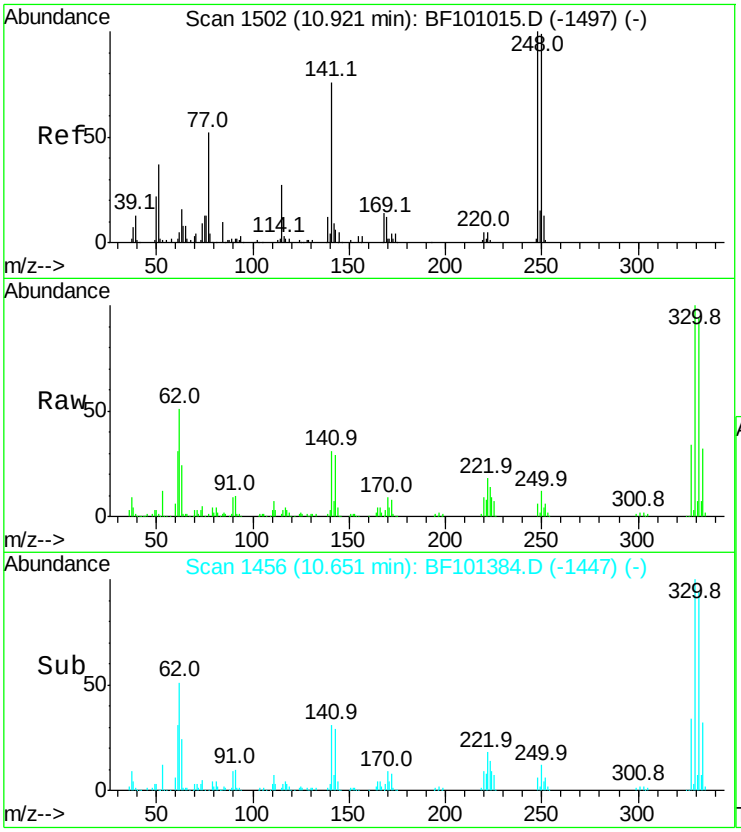


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:188 Resp: 567216

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.1	9.2	13.8



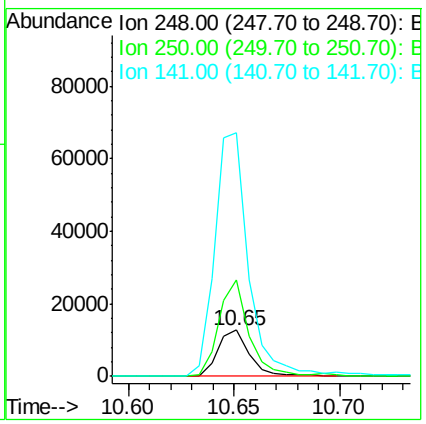


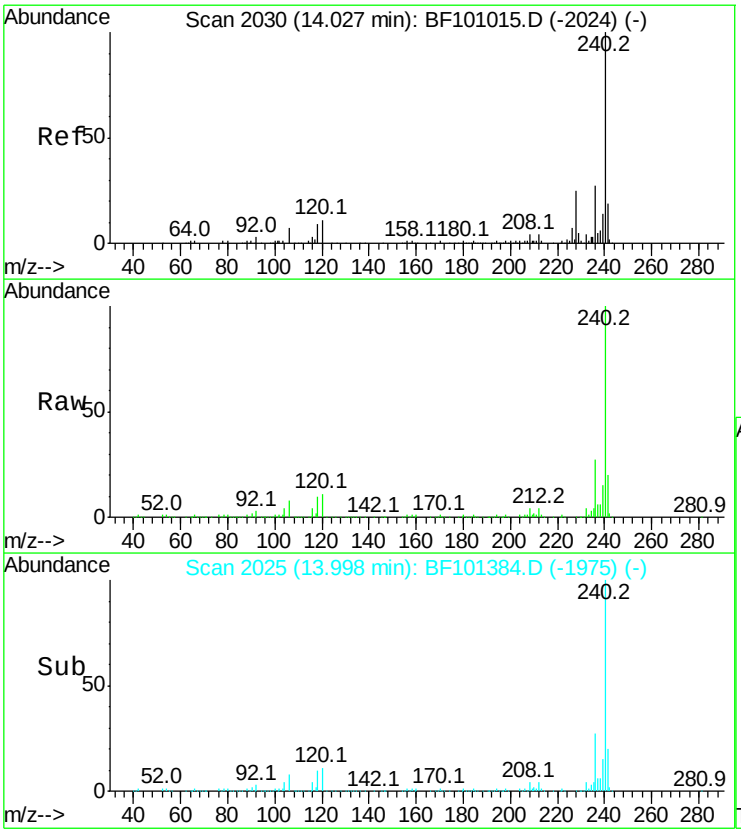
#66
4-Bromophenyl-phenylether
Concen: 2.104 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13356

Ion	Ratio	Lower	Upper
248	100		
250	209.2	76.9	115.3#
141	526.0	74.4	111.6#

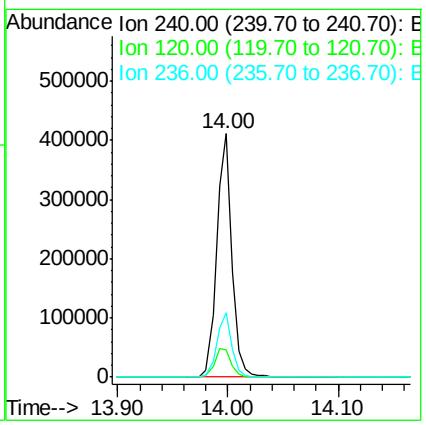


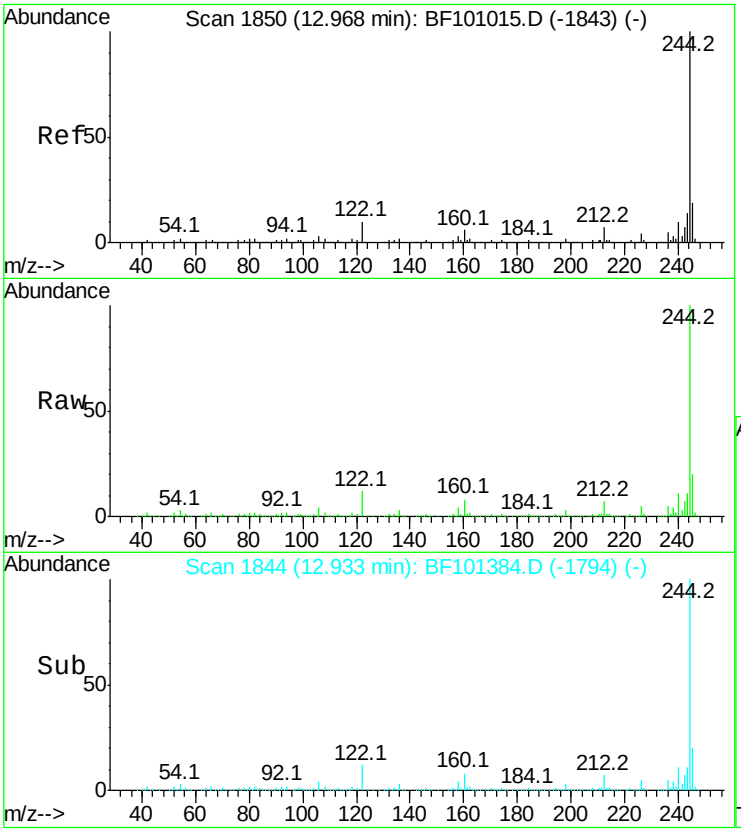


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:240 Resp: 388884

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.6	20.7	31.1



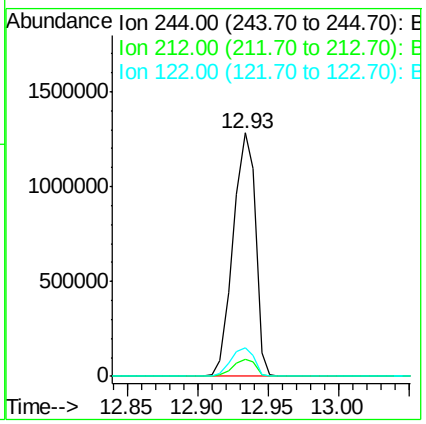


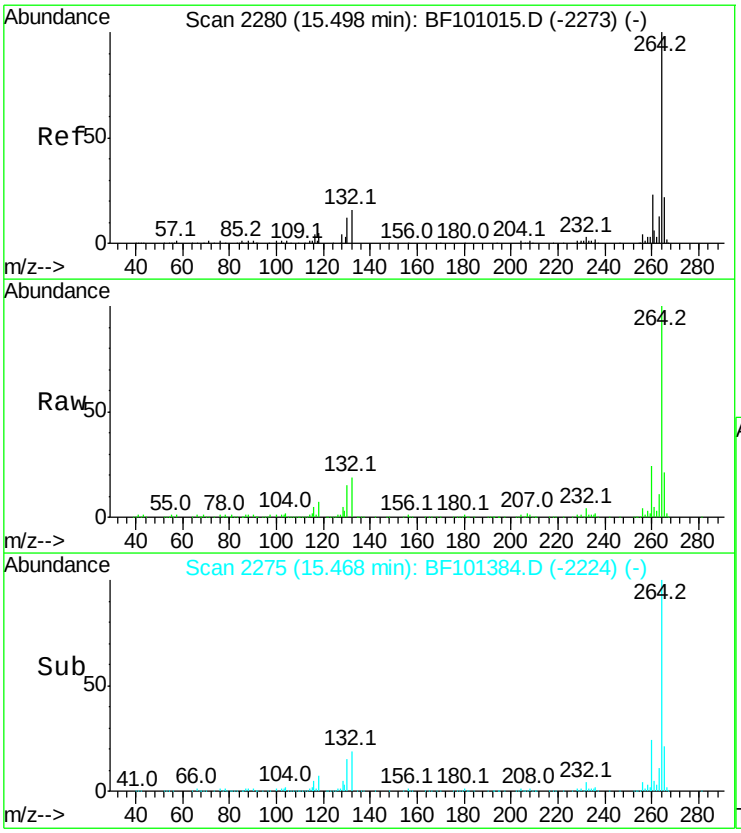
#78
Terphenyl-d14
Concen: 79.685 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1416765

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:264 Resp: 325217

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3