Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101735.D
Acq On : 27 Dec 2017 1:07
Operator : SJ/JU
Sample : I6957-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-WW

Quant Time: Dec 27 05:00:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114427	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	413769	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	160386	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	291837	20.00	ng		0.00
75) Chrysene-d12	13.97	240	297871	20.00	ng		0.00
86) Perylene-d12	15.44	264	274031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	350876	45.68	ng		0.01
7) Phenol-d6	6.44	99	421969	44.14	ng		0.00
23) Nitrobenzene-d5	7.36	82	250847	33.75	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	66014	42.72	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	453684	43.88	ng		0.00
78) Terphenyl-d14	12.90	244	398901	32.28	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	33785	5.381	ng	#	84
25) Isophorone	7.36	82	250847	16.823	ng	#	64
49) Dimethylphthalate	9.55	163	30965	2.400	ng		98
50) 2,6-Dinitrotoluene	9.56	165	13906	5.304	ng	#	27
56) 2,4-Dinitrotoluene	9.83	165	21138	7.155	ng	#	24

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

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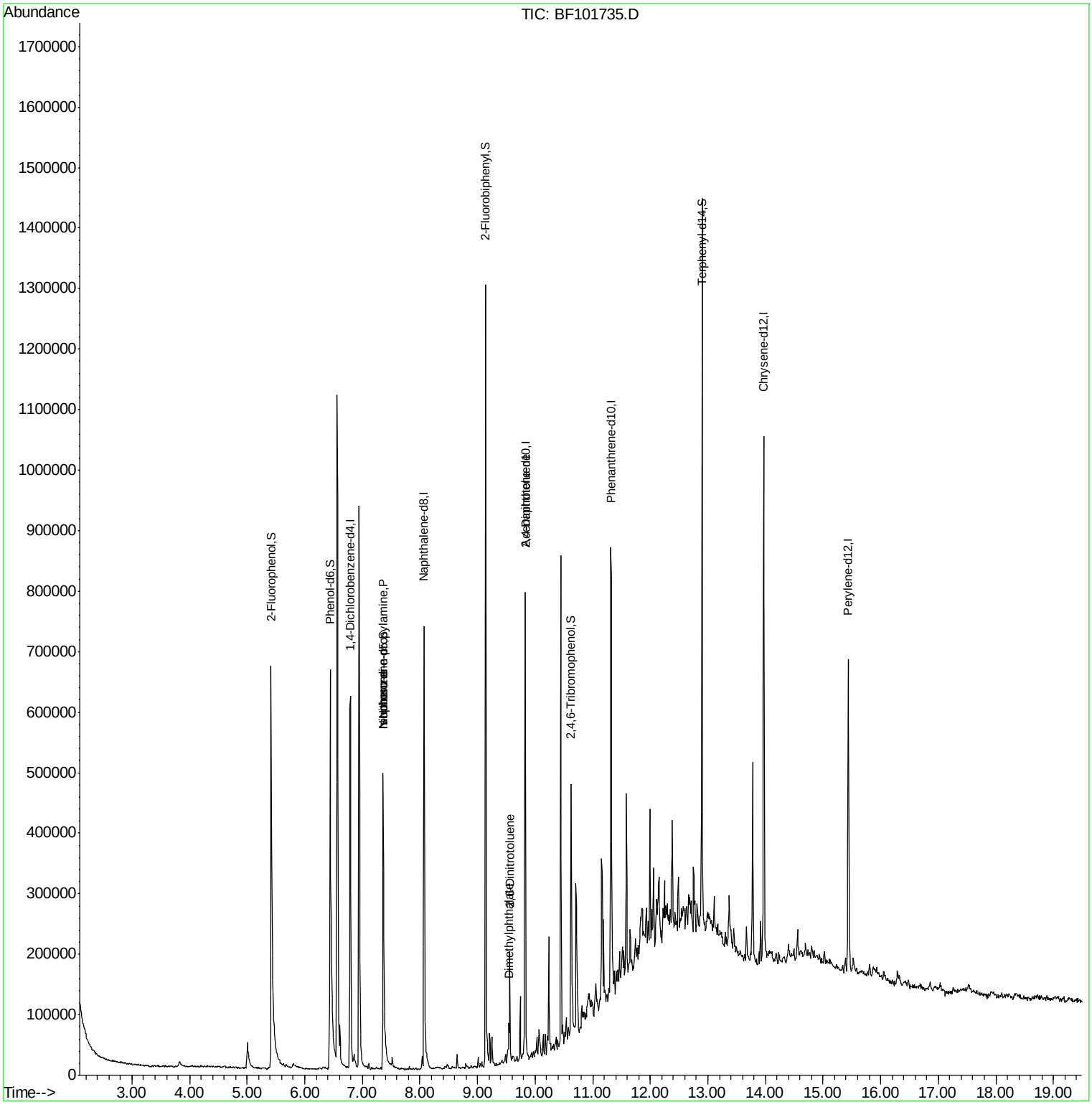
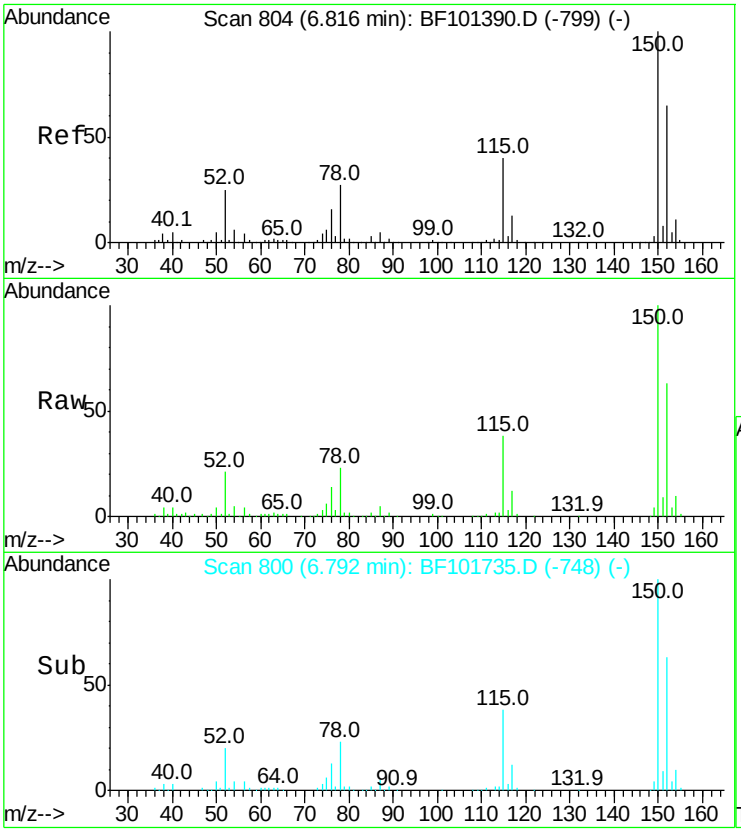


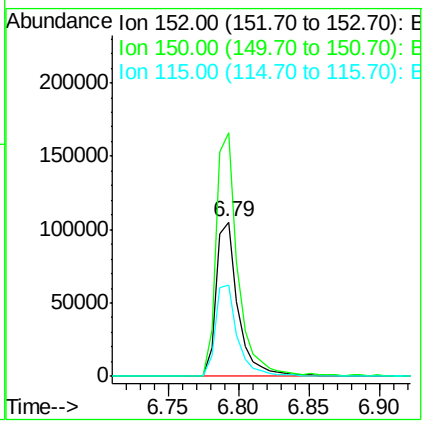


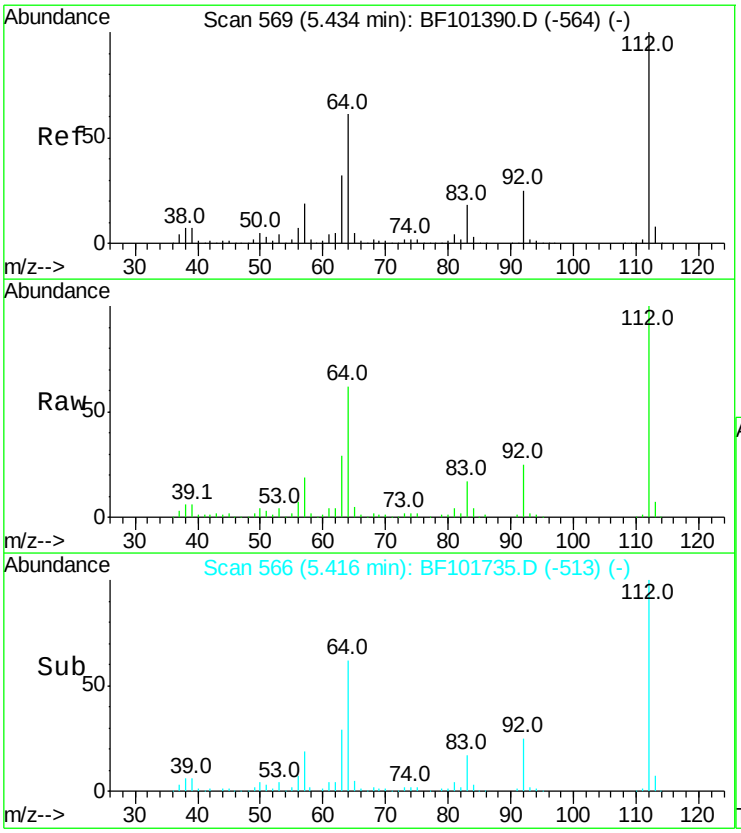
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:152 Resp: 114427

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.5	50.1	75.1

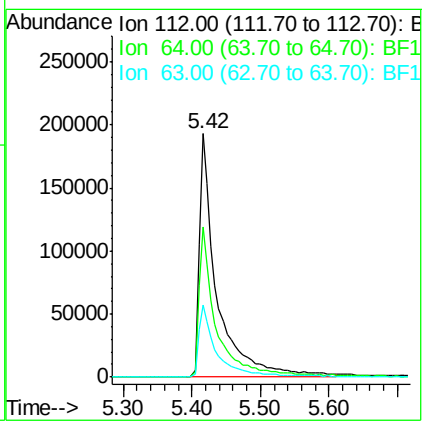


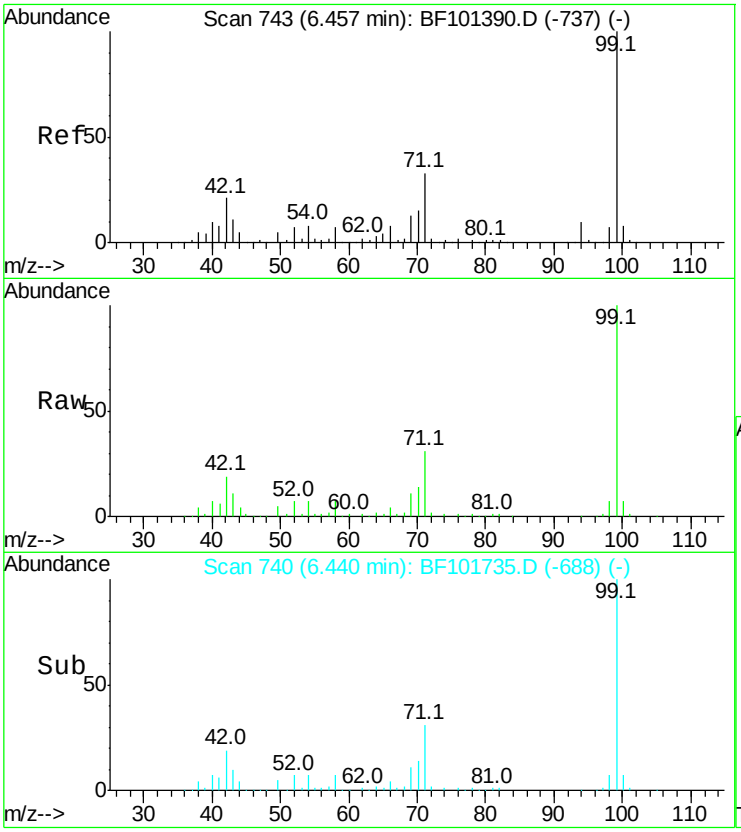


#5
2-Fluorophenol
Concen: 45.676 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:112 Resp: 350876

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	29.4	23.7	35.5



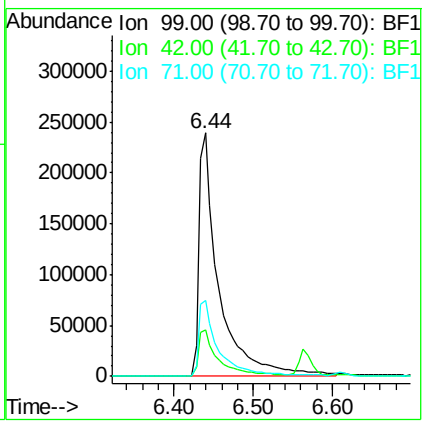


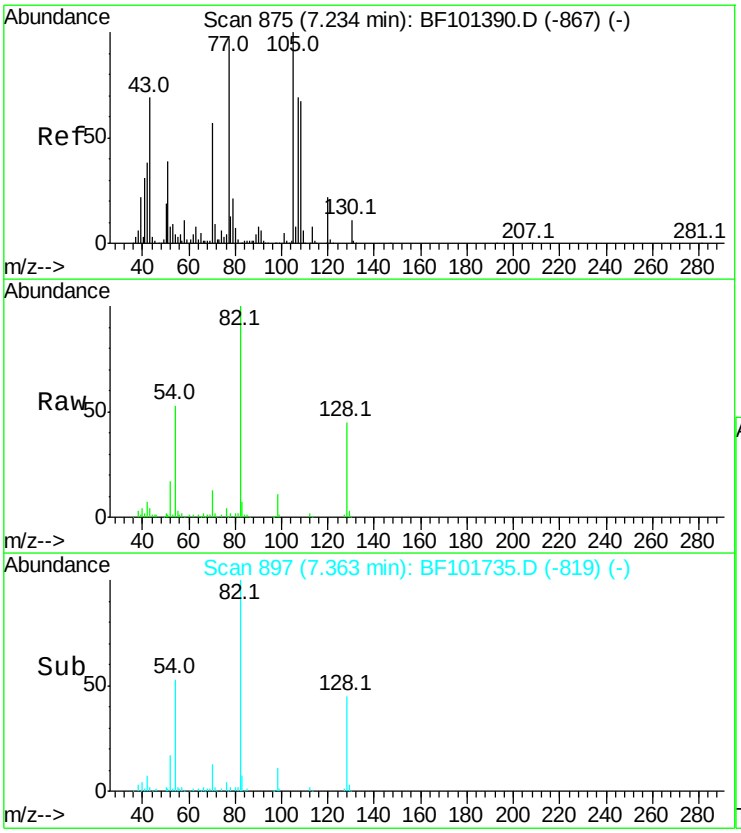
#7
Phenol-d6
Concen: 44.137 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion: 99 Resp: 421969

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	31.0	25.4	38.0

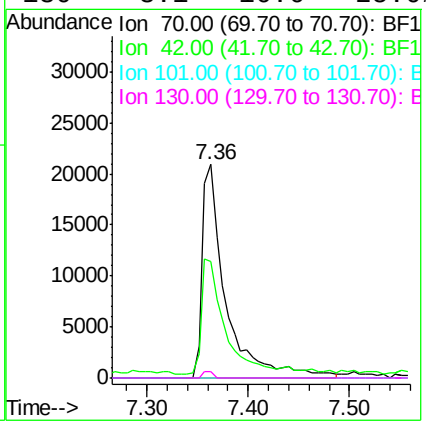


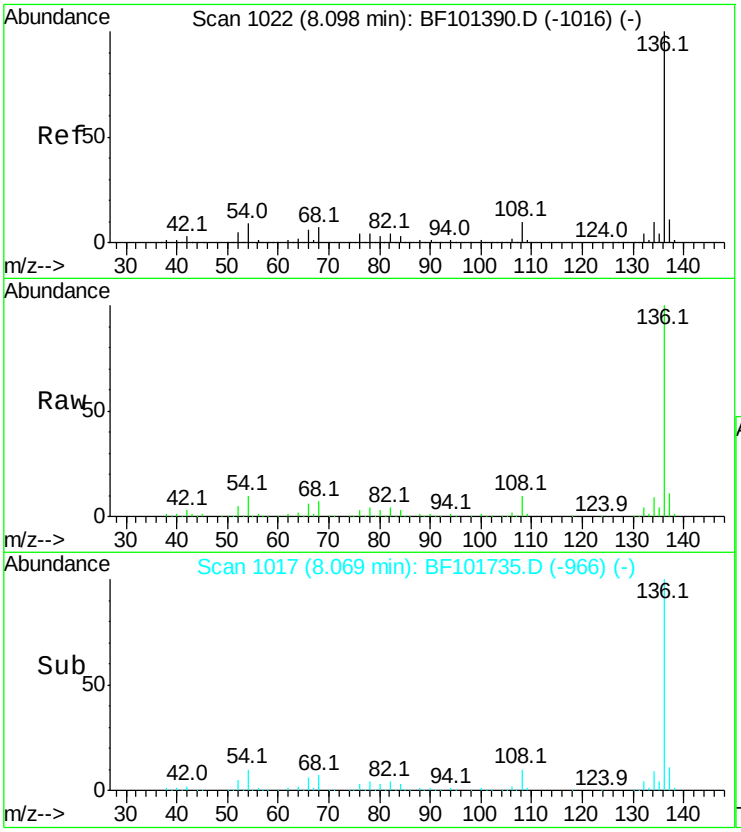


#19
n-Nitroso-di-n-propylamine
Concen: 5.381 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion: 70 Resp: 33785

Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	0.0	7.4	11.2#
130	3.1	16.6	25.0#



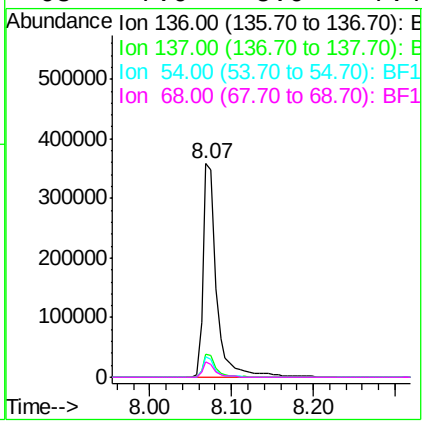


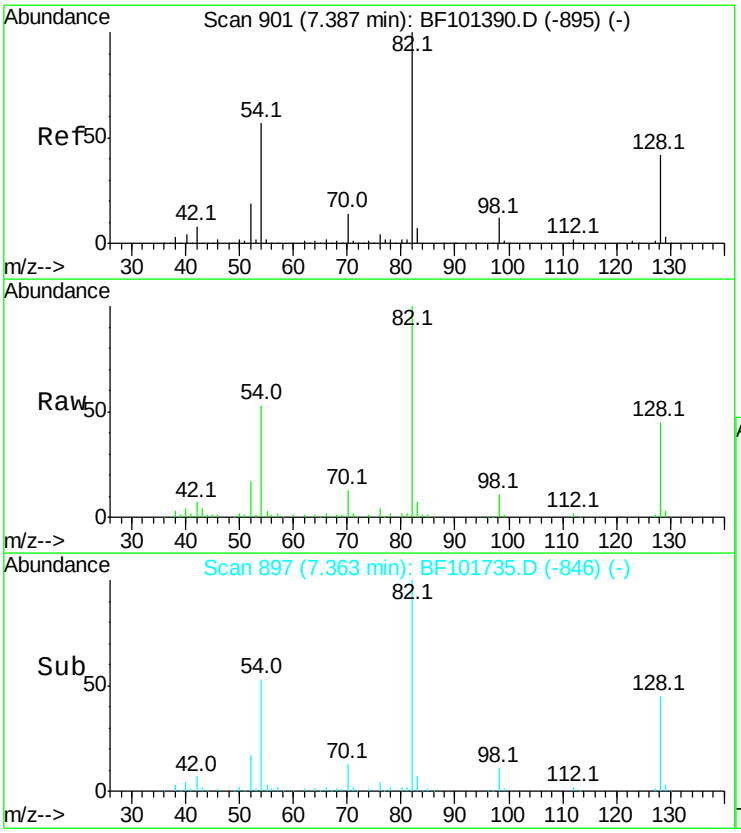
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:136 Resp: 413769

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	7.0	5.0	7.4

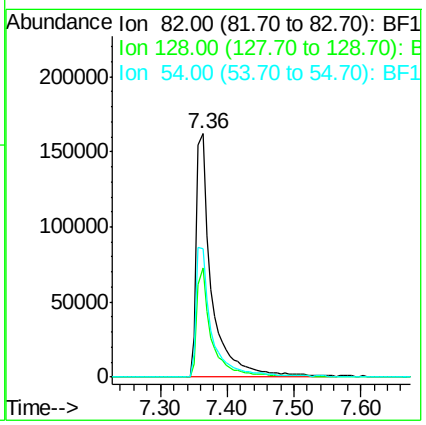


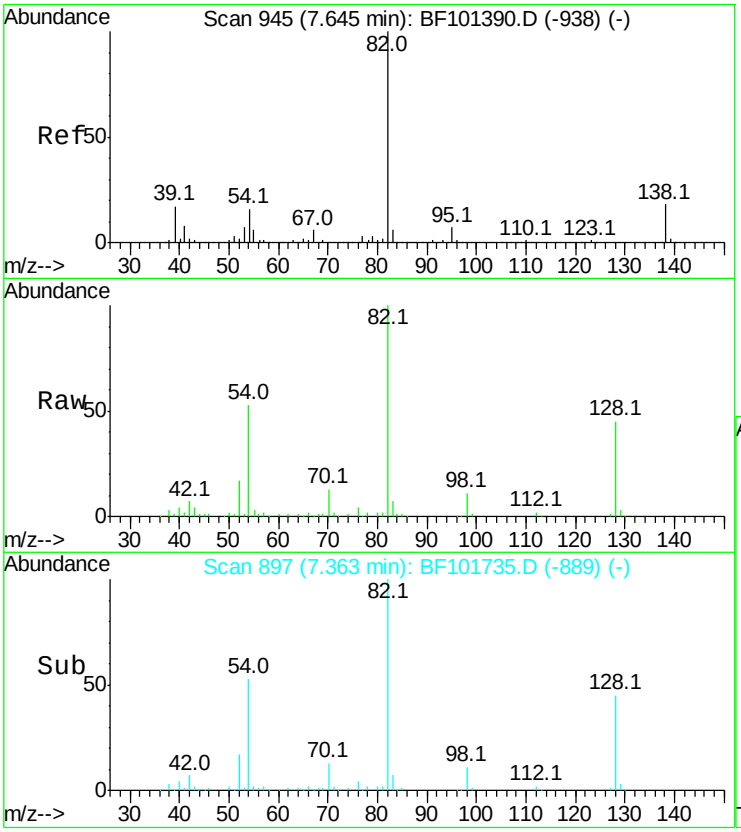


#23
Nitrobenzene-d5
Concen: 33.747 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion: 82 Resp: 250847

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	52.6	41.4	62.2



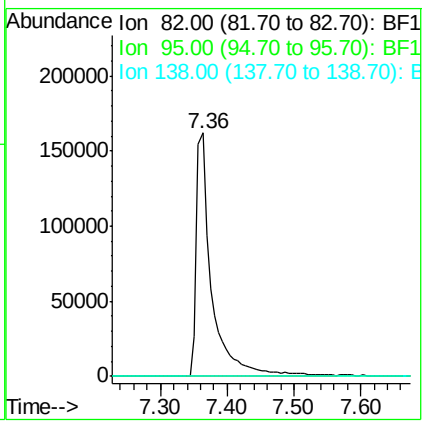


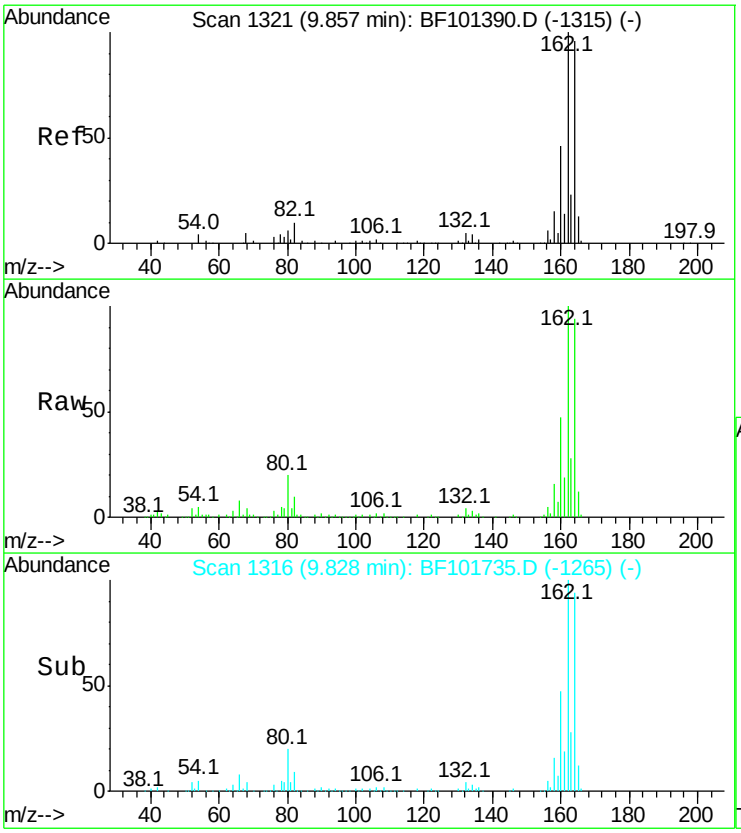
#25
Isophorone
Concen: 16.823 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion: 82 Resp: 250847

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

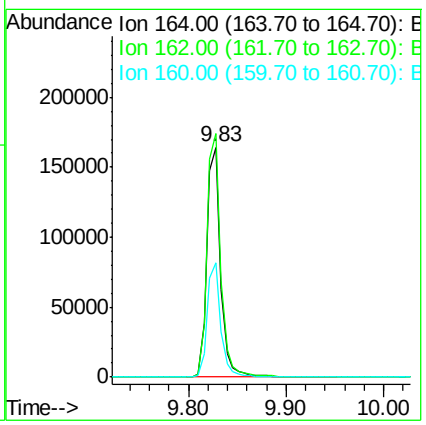


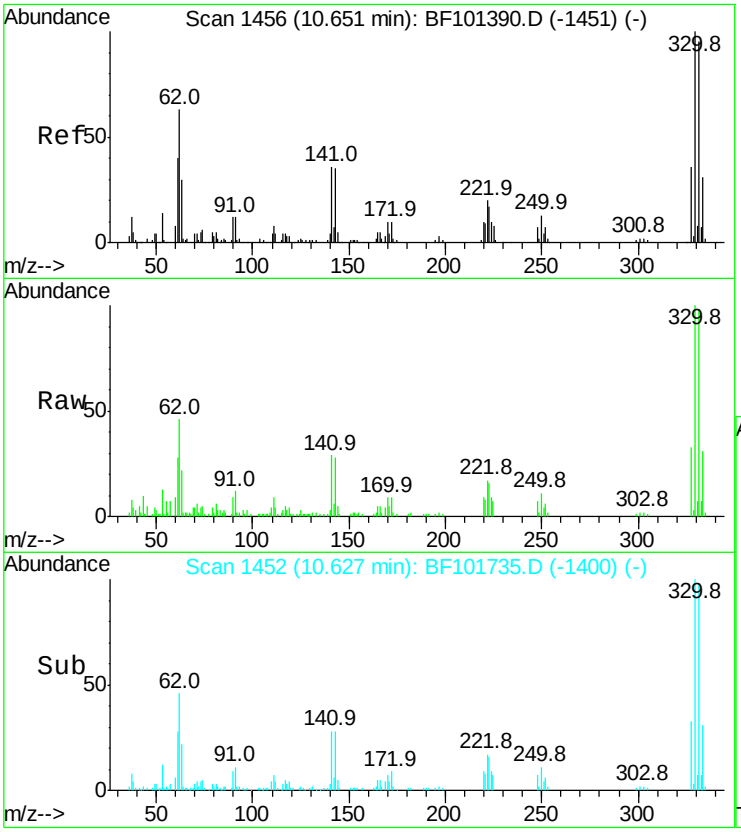


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:164 Resp: 160386

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	49.7	38.3	57.5



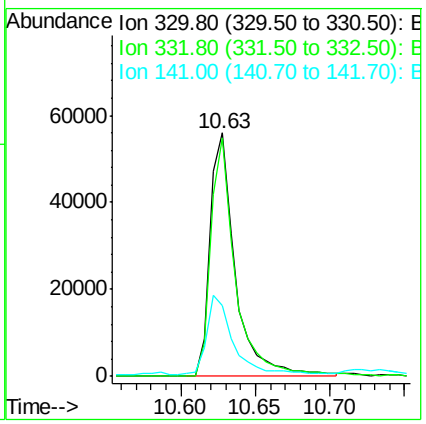


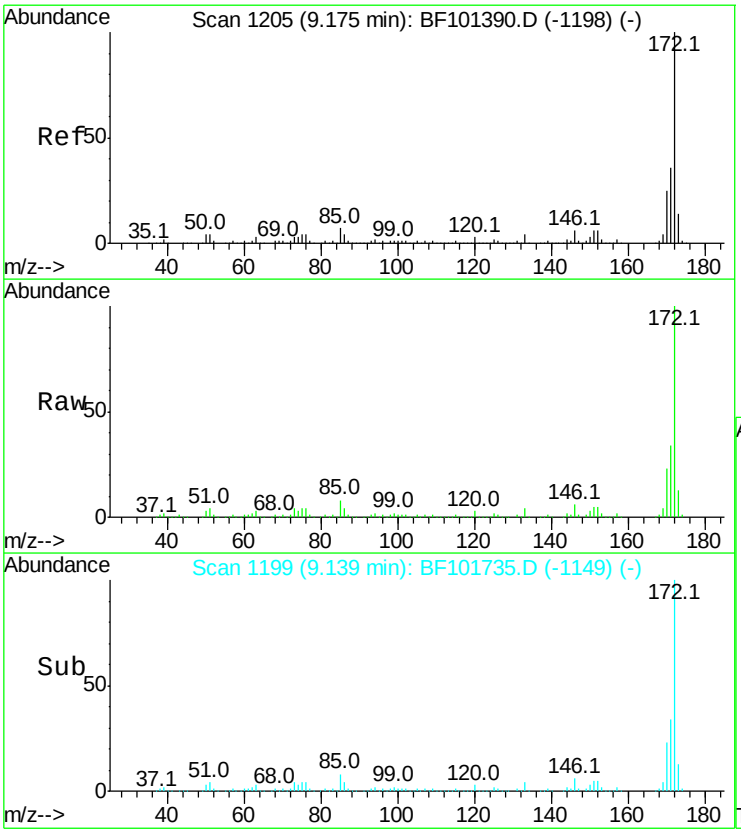
#41
2,4,6-Tribromophenol
Concen: 42.715 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:330 Resp: 66014

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.7	29.9	44.9

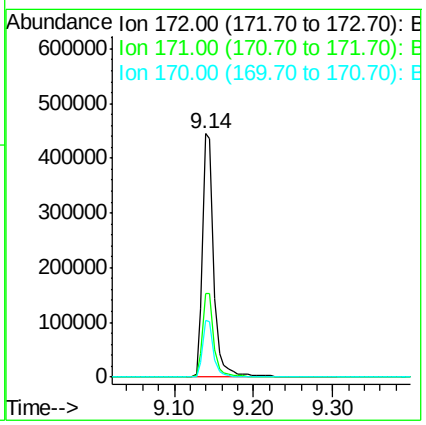


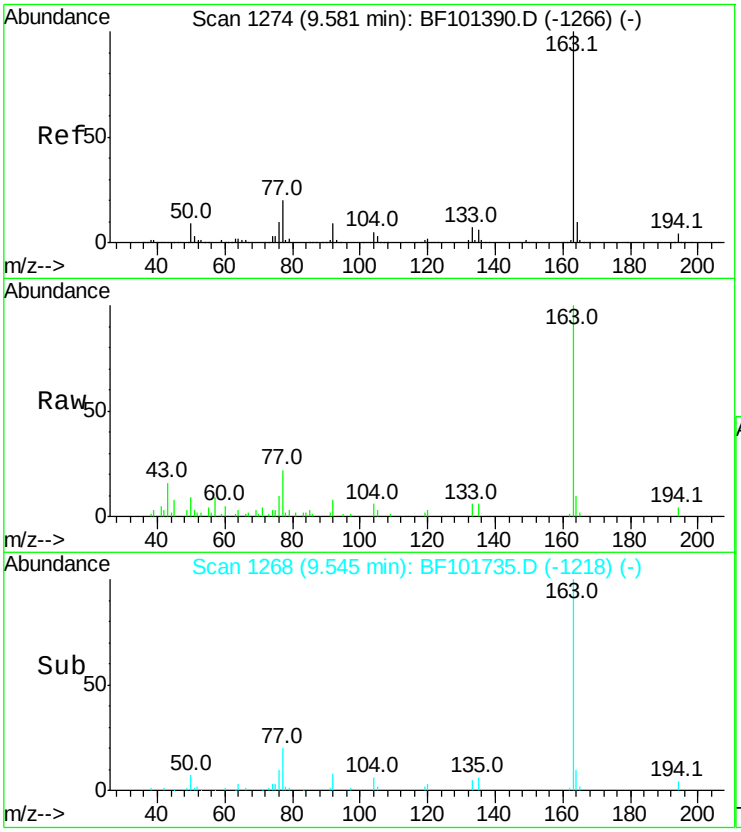


#44
2-Fluorobiphenyl
Concen: 43.880 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:172 Resp: 453684

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.2	19.6	29.4



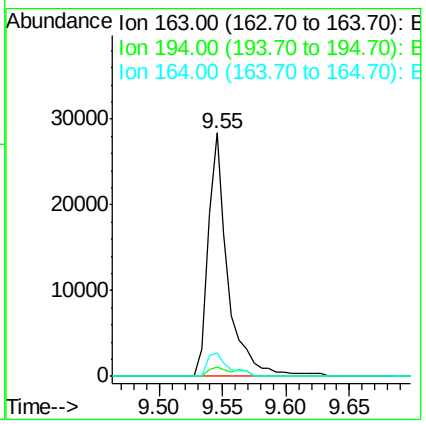


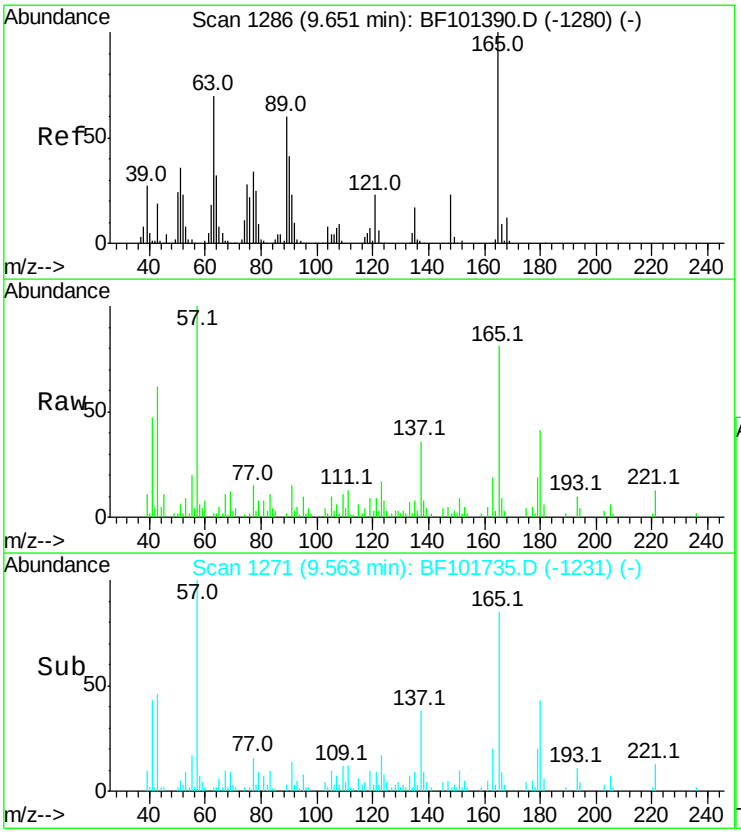
#49
Dimethylphthalate
Concen: 2.400 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:163 Resp: 30965

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2

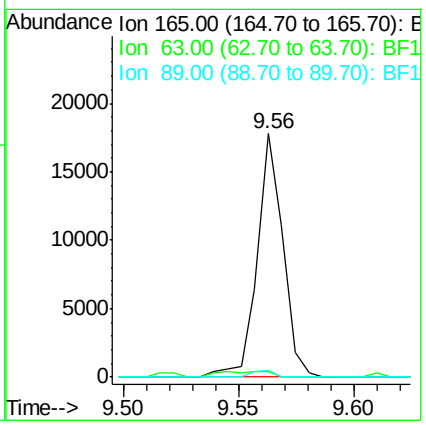


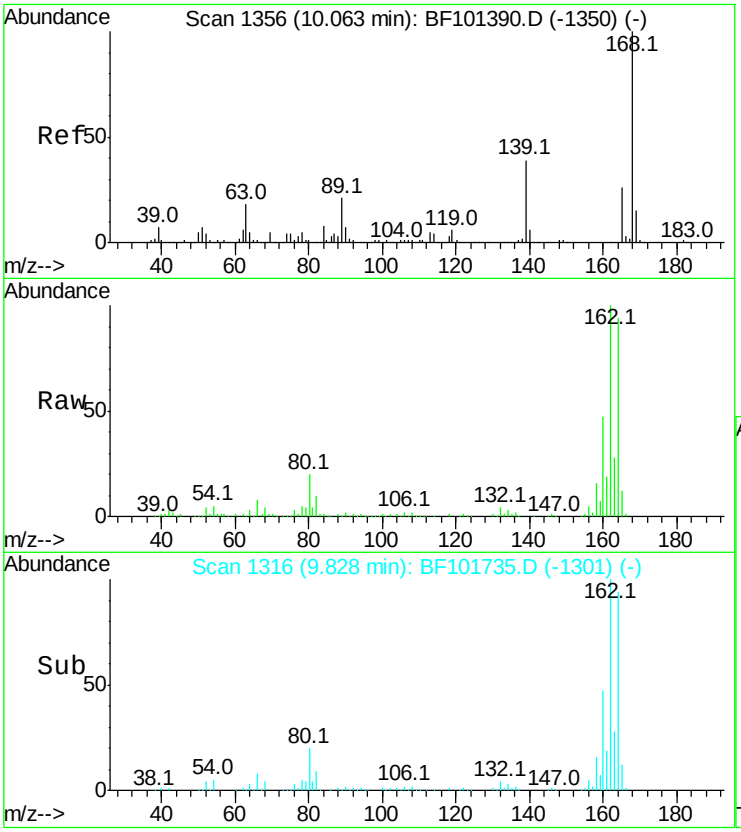


#50
2,6-Dinitrotoluene
Concen: 5.304 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.06 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:165 Resp: 13906

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	3.1	44.0	66.0#



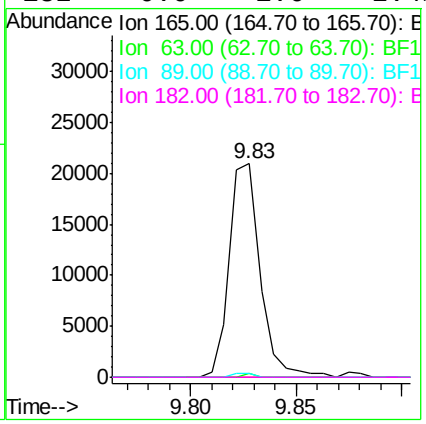


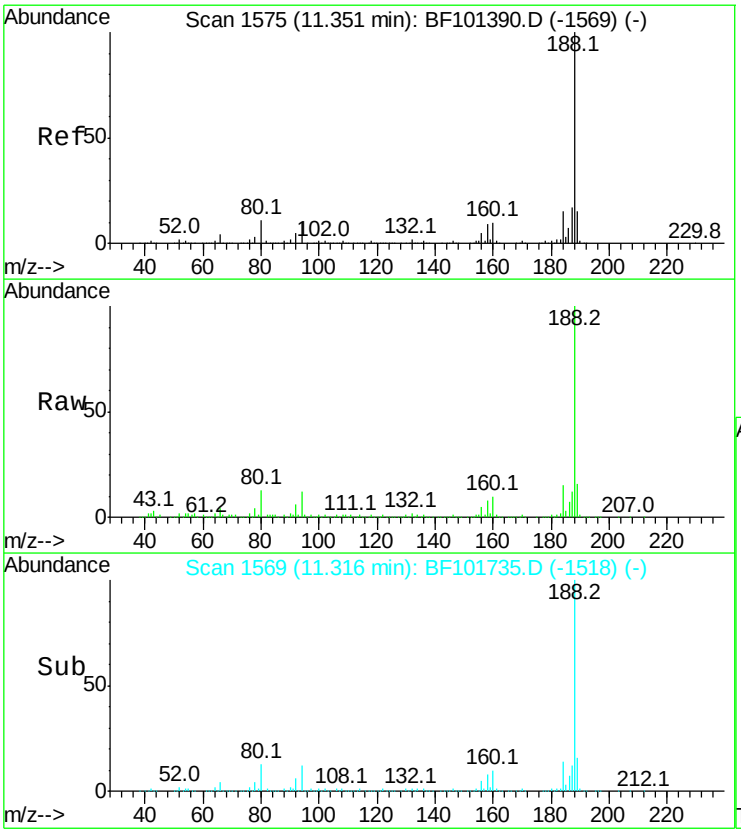
#56
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:165 Resp: 21138

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

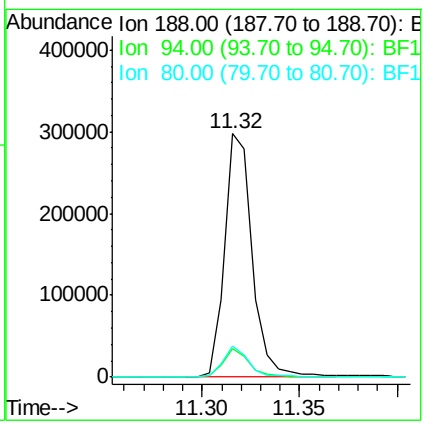


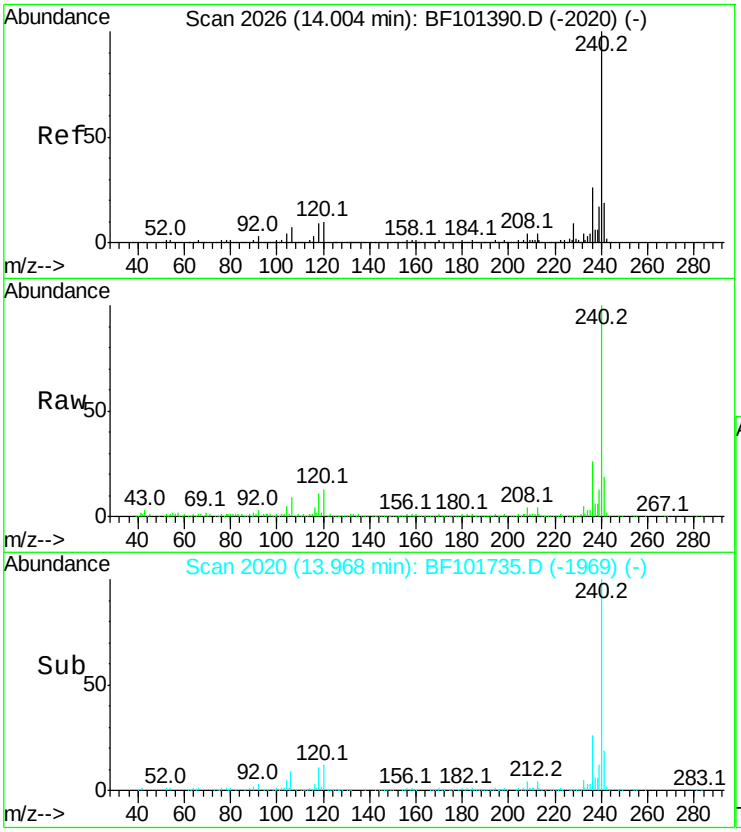


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:188 Resp: 291837

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.7	9.2	13.8



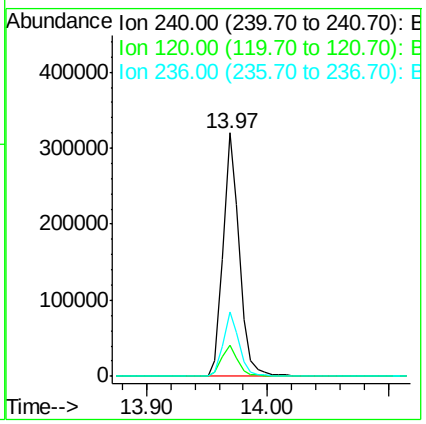


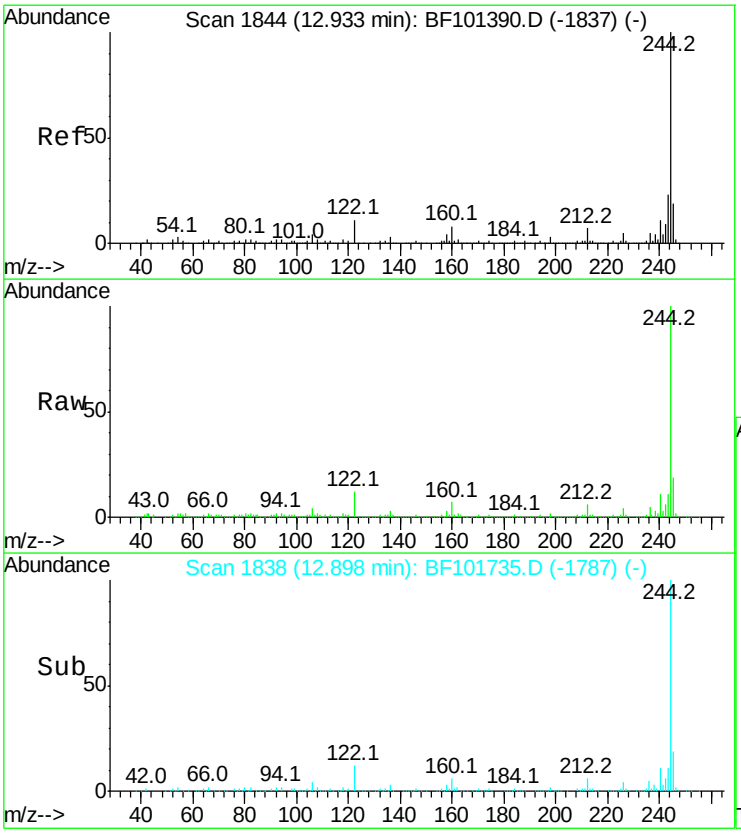
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:240 Resp: 297871

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1

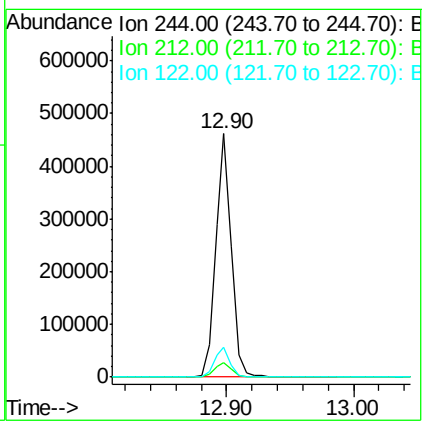


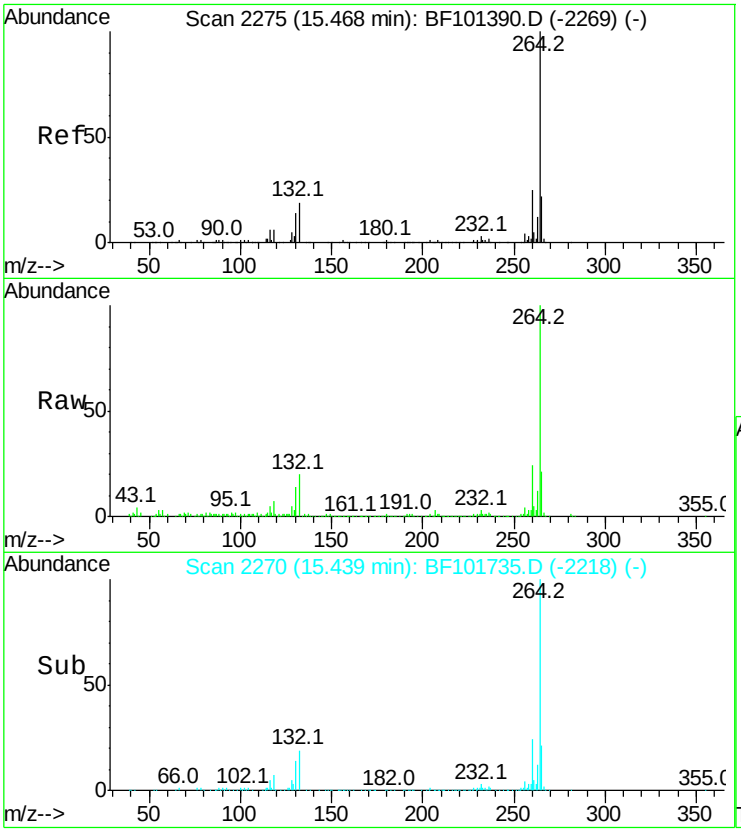


#78
Terphenyl-d14
Concen: 32.284 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101735.D
Acq: 27 Dec 2017 1:07

Tgt Ion:244 Resp: 398901

Ion	Ratio	Lower	Upper
244	100		
212	6.2	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: BF101735.D
Acq: 27 Dec 2017 1:07

Instrument :
BNA_F
ClientSampleId :
HALSTED-WW

Tgt Ion:264 Resp: 274031

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3