Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
Data File : BF101579.D
Acq On : 20 Dec 2017 20:27
Operator : SJ/JU
Sample : I6981-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Time: Dec 21 04:08:02 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	6.79	152	152662	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	598418	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	255445	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	420150	20.00	ng		0.00
75) Chrysene-d12	13.97	240	276851	20.00	ng		0.00
86) Perylene-d12	15.43	264	316669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1059307	103.36	ng		0.02
7) Phenol-d6	6.44	99	1166195	91.43	ng		0.00
23) Nitrobenzene-d5	7.36	82	923420	85.90	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	283077	115.01	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1443220	87.64	ng		0.00
78) Terphenyl-d14	12.90	244	1078684	93.93	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	124868	14.907	ng	#	83
25) Isophorone	7.36	82	923420	42.819	ng	#	64
31) Naphthalene	8.10	128	237867	7.896	ng		98
32) Benzoic acid	8.10	122	458	8.026	ng	#	1
33) 4-Chloroaniline	8.10	127	29470	2.251	ng	#	33
50) 2,6-Dinitrotoluene	9.83	165	33136	7.935	ng	#	25
55) 4-Nitrophenol	10.05	139	5078	2.237	ng	#	9
56) 2,4-Dinitrotoluene	9.83	165	33136	7.043	ng	#	23
66) 4-Bromophenyl-phenylether	10.63	248	17102	3.623	ng	#	1

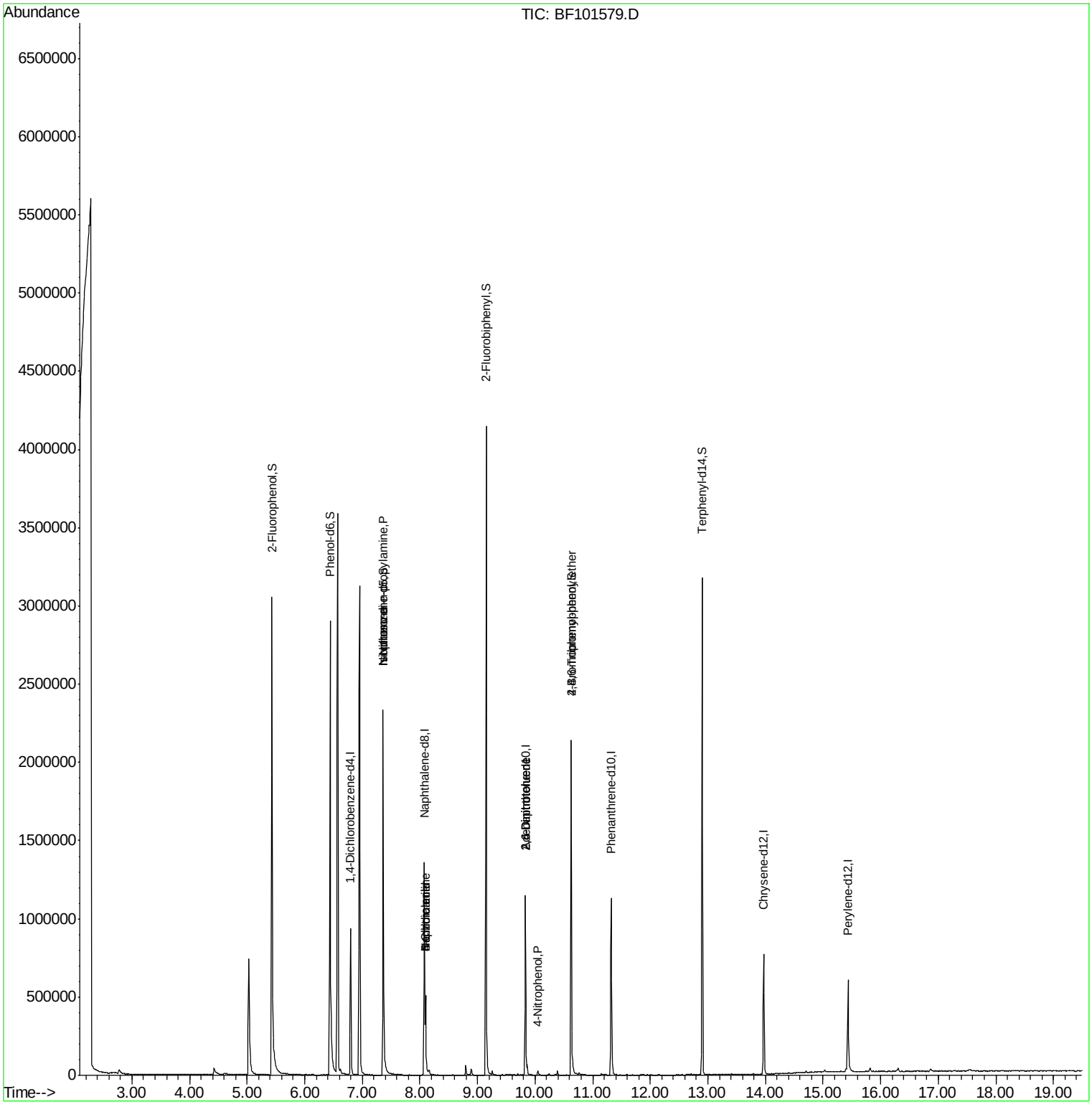
(#) = qualifier out of range (m) = manual integration (+) = signals summed

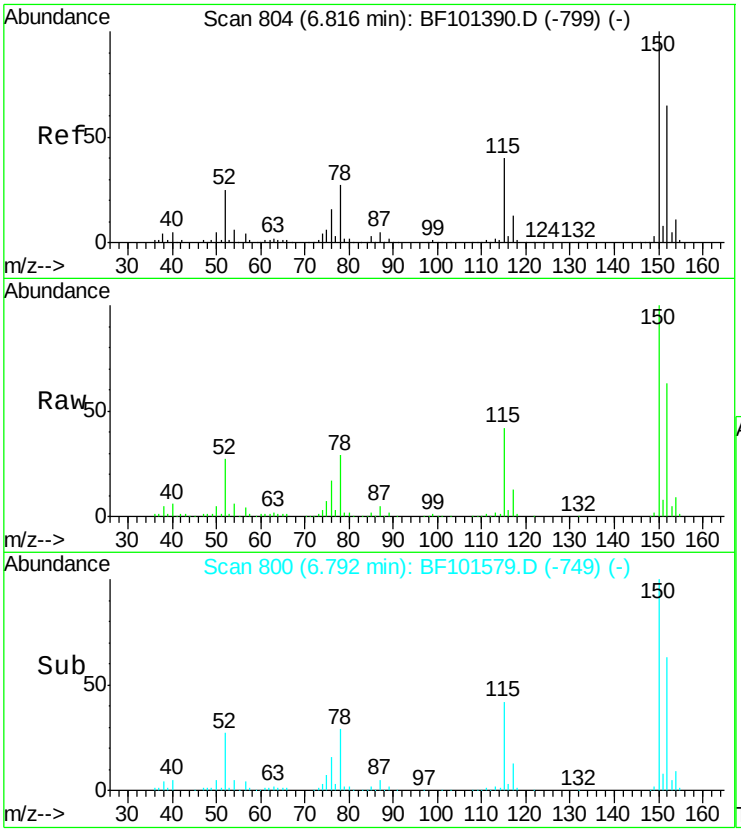
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
Data File : BF101579.D
Acq On : 20 Dec 2017 20:27
Operator : SJ/JU
Sample : I6981-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Quant Time: Dec 21 04:08:02 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

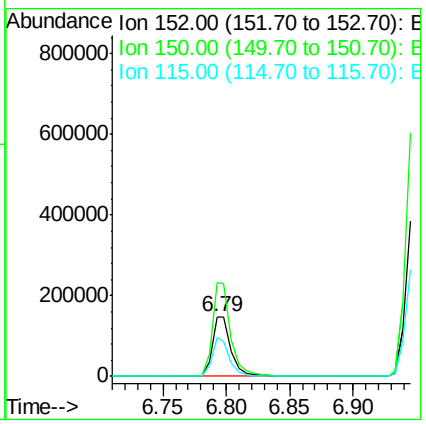




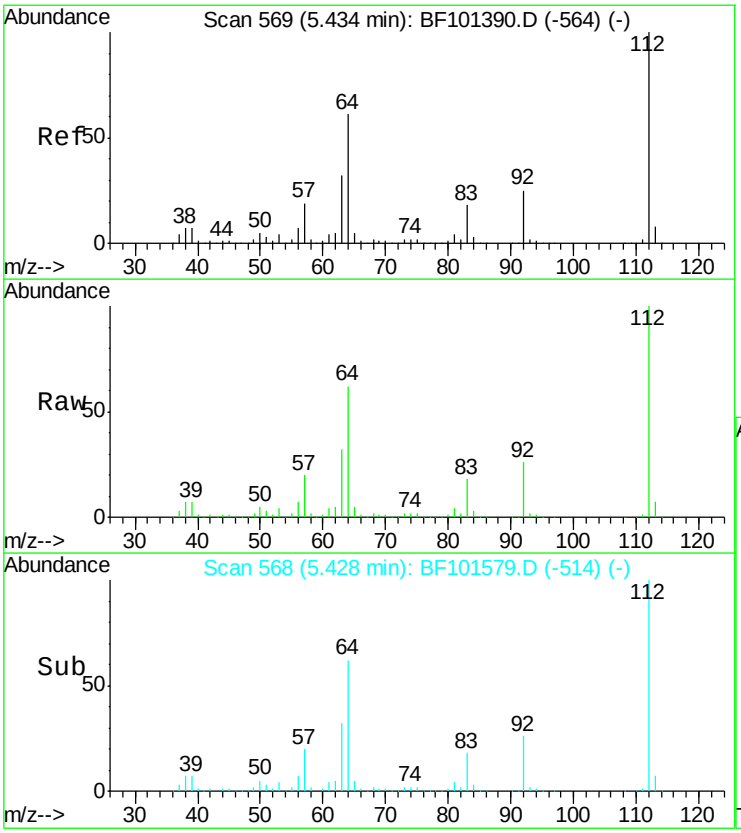
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:152 Resp: 152662

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	66.0	50.1	75.1



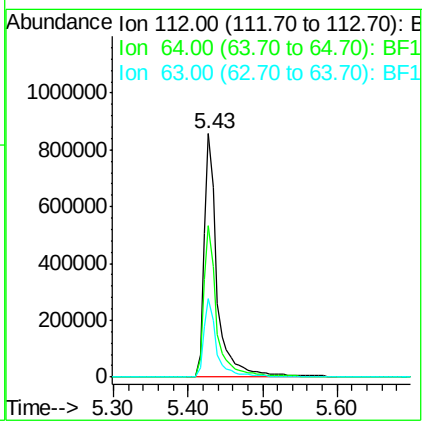
Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

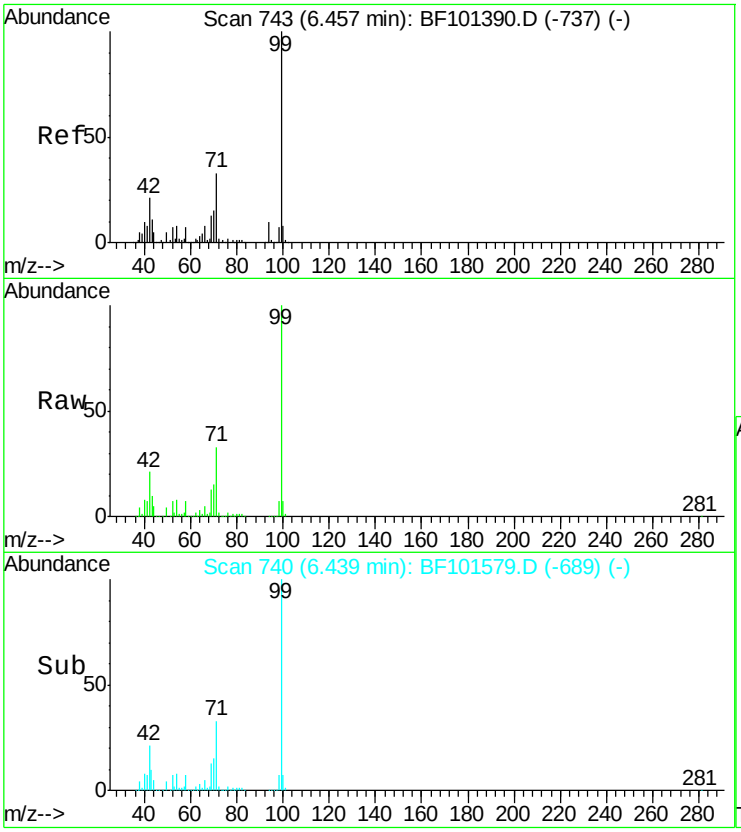


#5
2-Fluorophenol
Concen: 103.360 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:112 Resp: 1059307

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	32.2	23.7	35.5



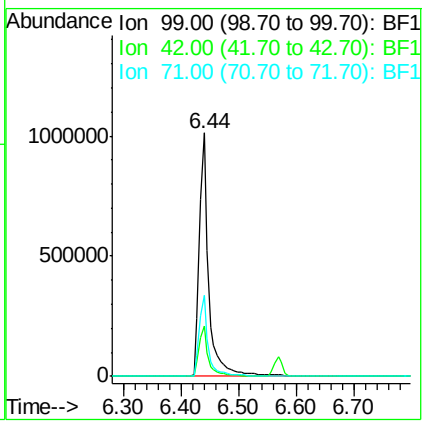


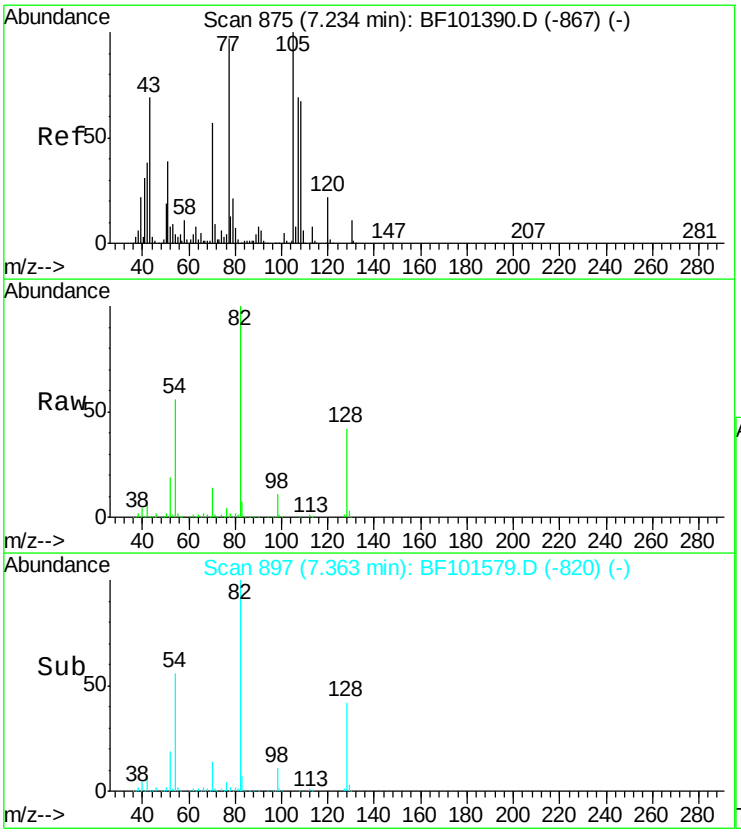
#7
Phenol-d6
Concen: 91.431 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion: 99 Resp: 1166195

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.0	25.4	38.0

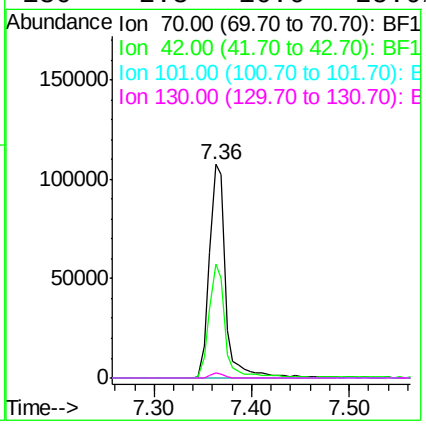


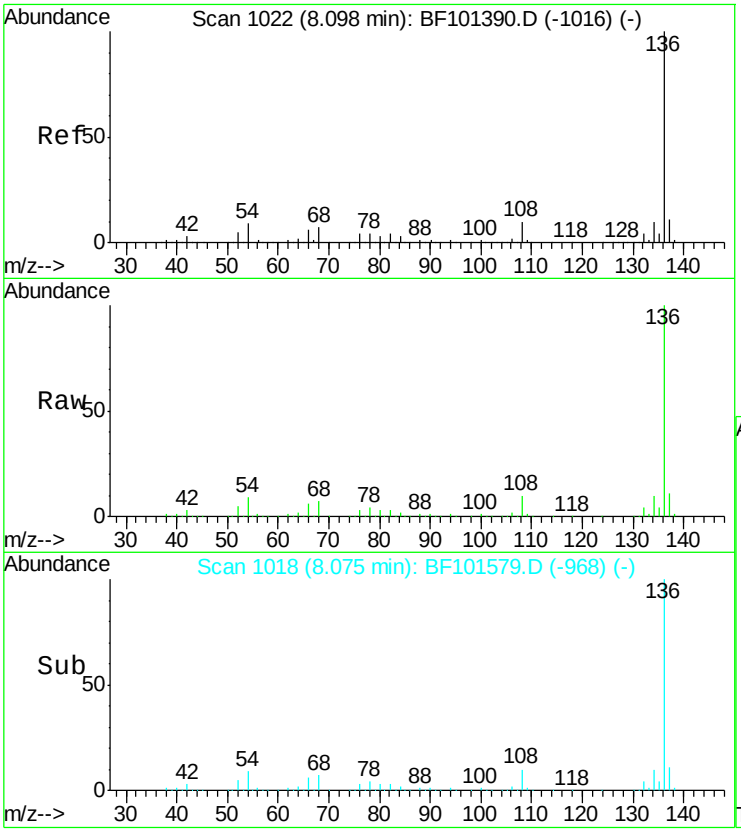


#19
n-Nitroso-di-n-propylamine
Concen: 14.907 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion: 70 Resp: 124868

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



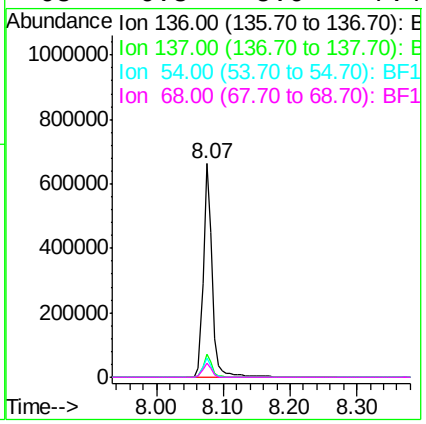


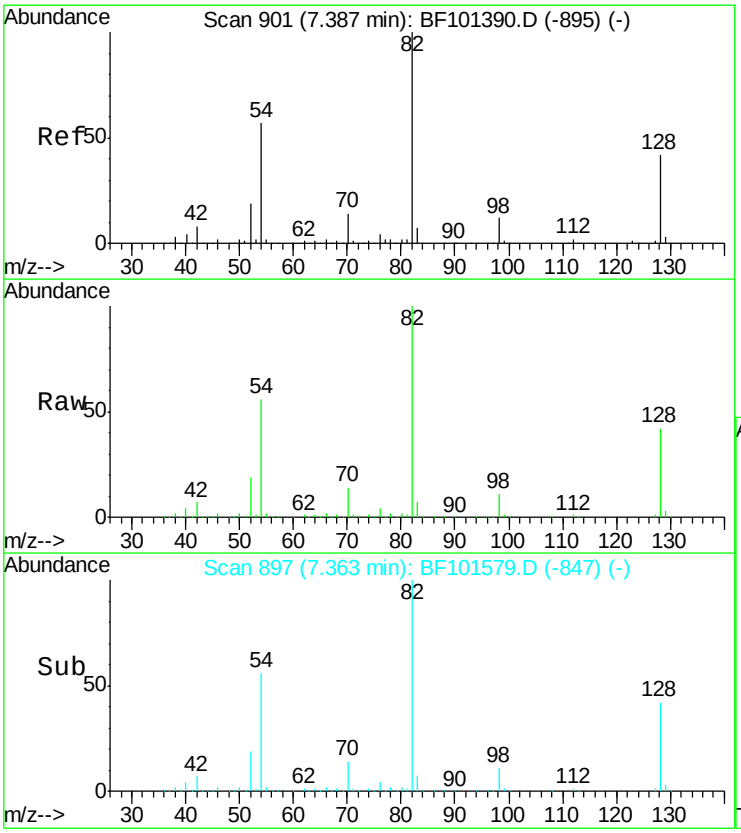
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:136 Resp: 598418

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	6.8	5.0	7.4

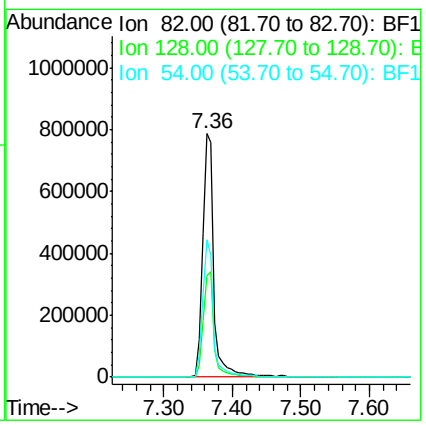


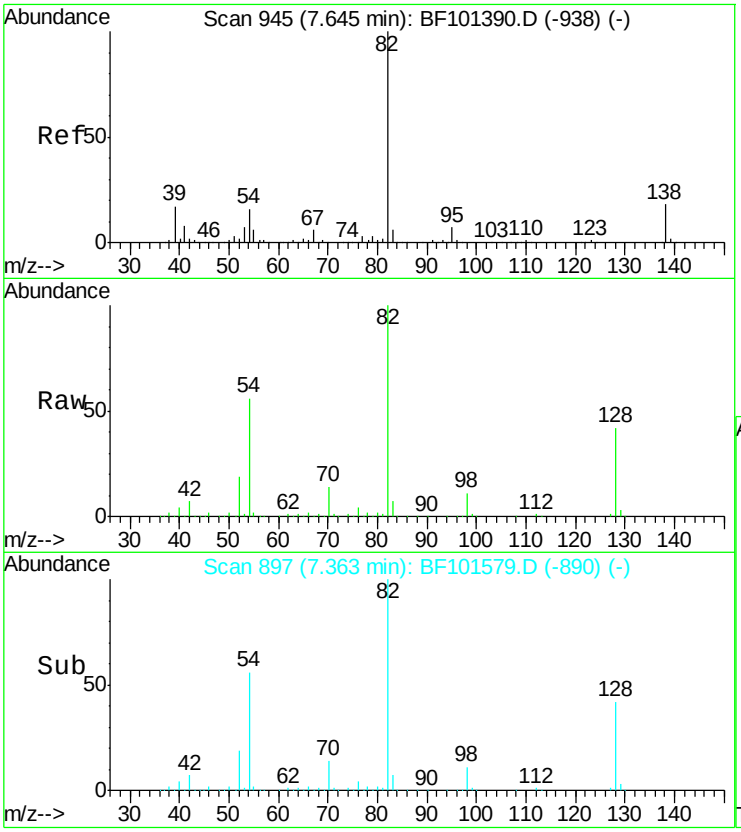


#23
Nitrobenzene-d5
Concen: 85.898 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion: 82 Resp: 923420

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	56.4	41.4	62.2



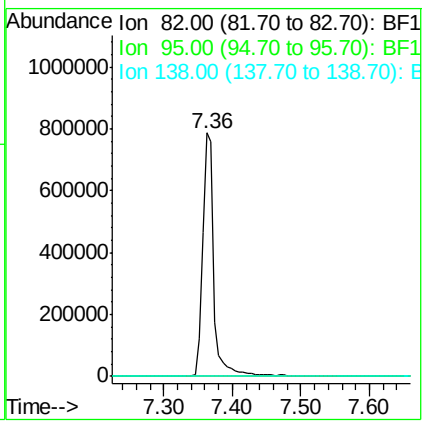


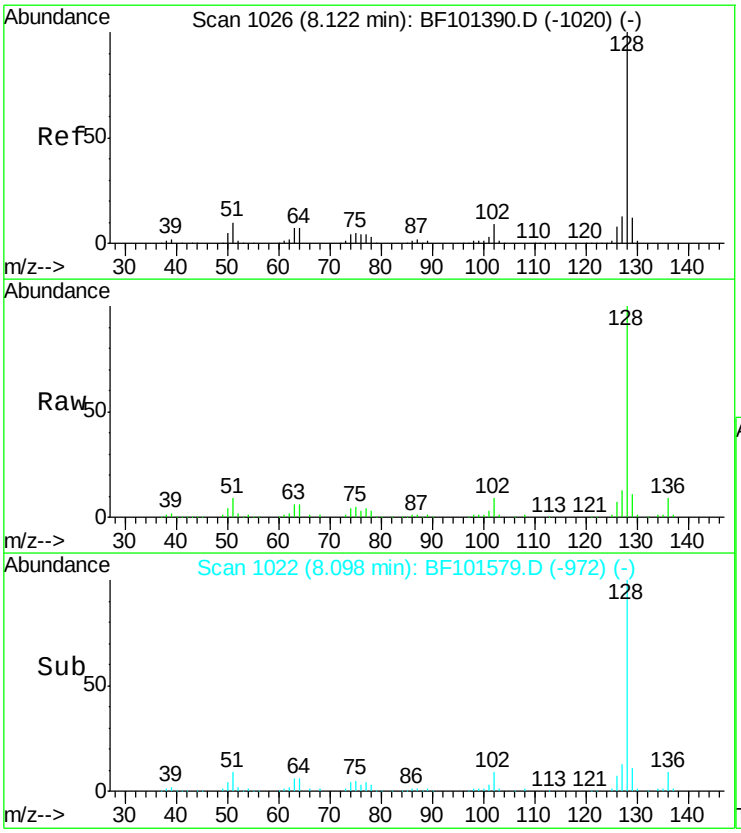
#25
Isophorone
Concen: 42.819 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion: 82 Resp: 923420

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

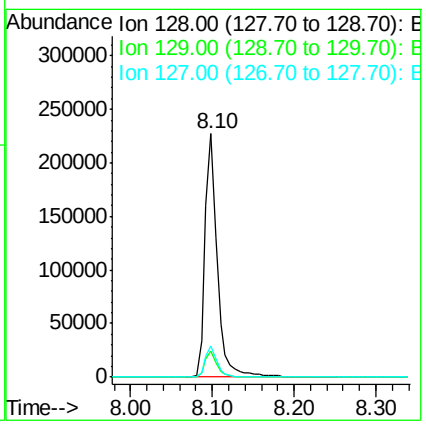


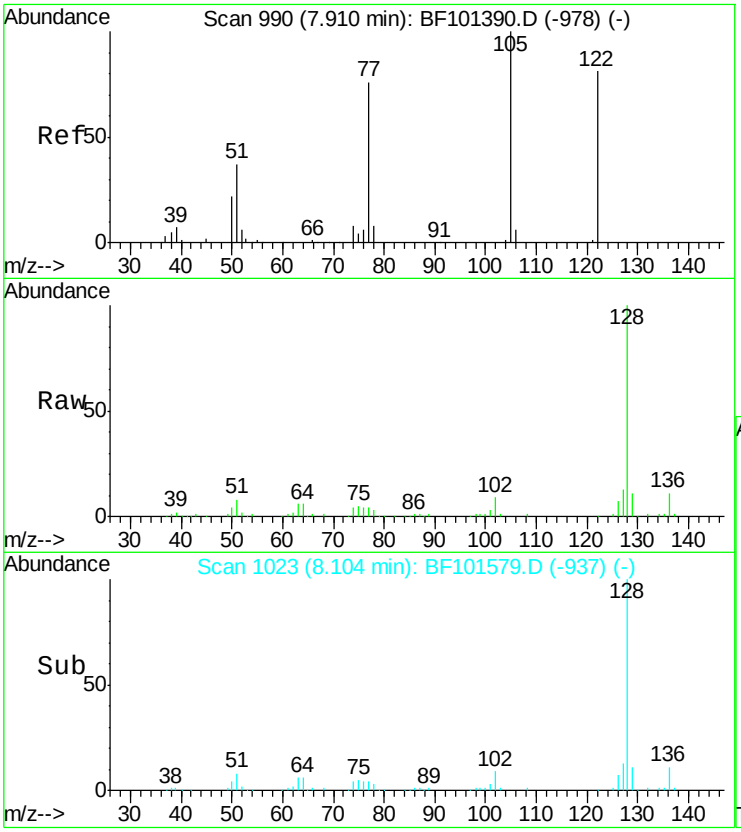


#31
Naphthalene
Concen: 7.896 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:128 Resp: 237867

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.9	16.3



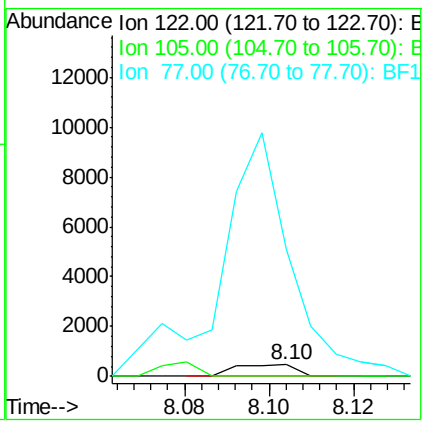


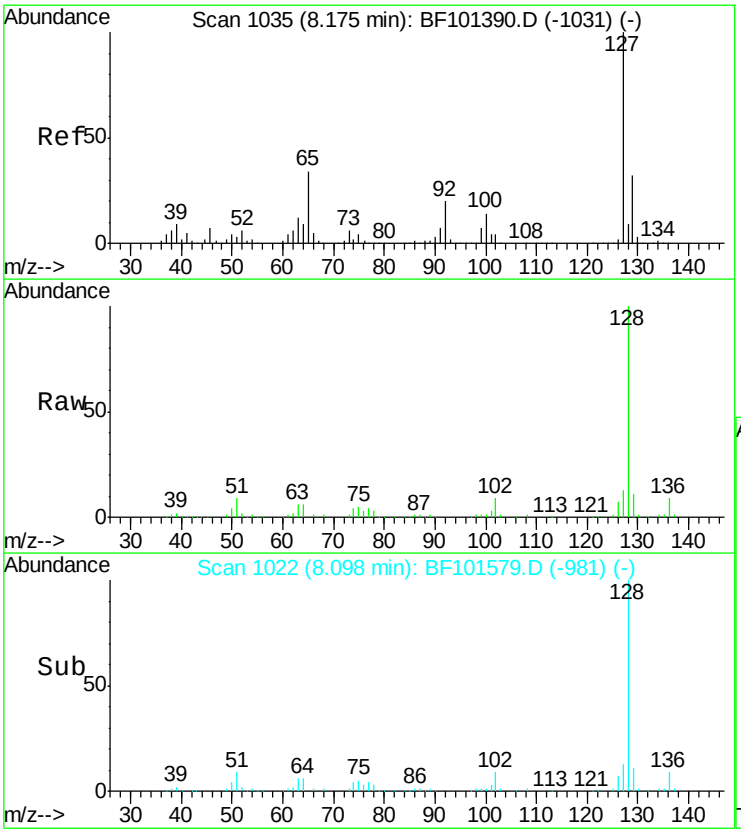
#32
Benzoic acid
Concen: 8.026 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.21 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:122 Resp: 458

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1110.4	70.7	110.7#

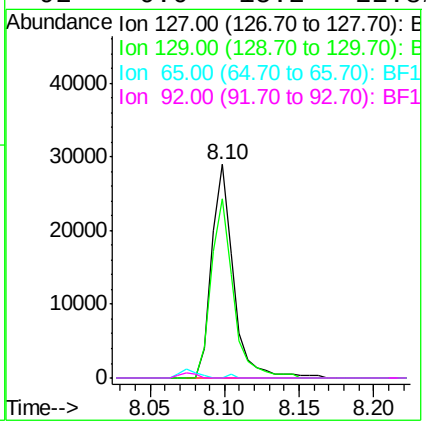


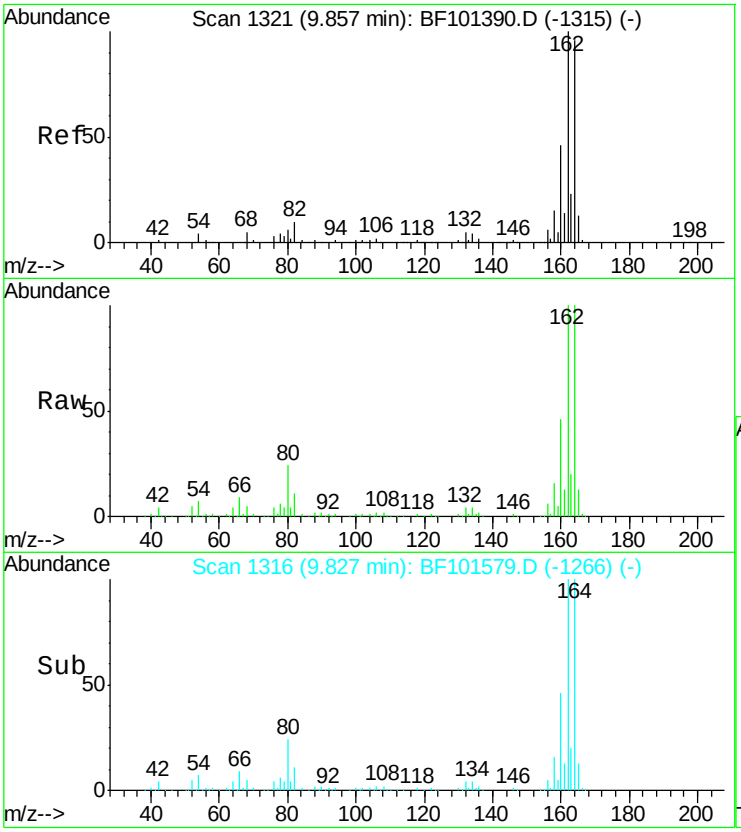


#33
4-Chloroaniline
Concen: 2.251 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:127 Resp: 29470

Ion	Ratio	Lower	Upper
127	100		
129	84.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



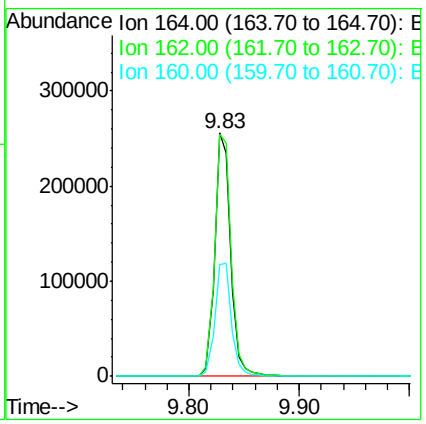


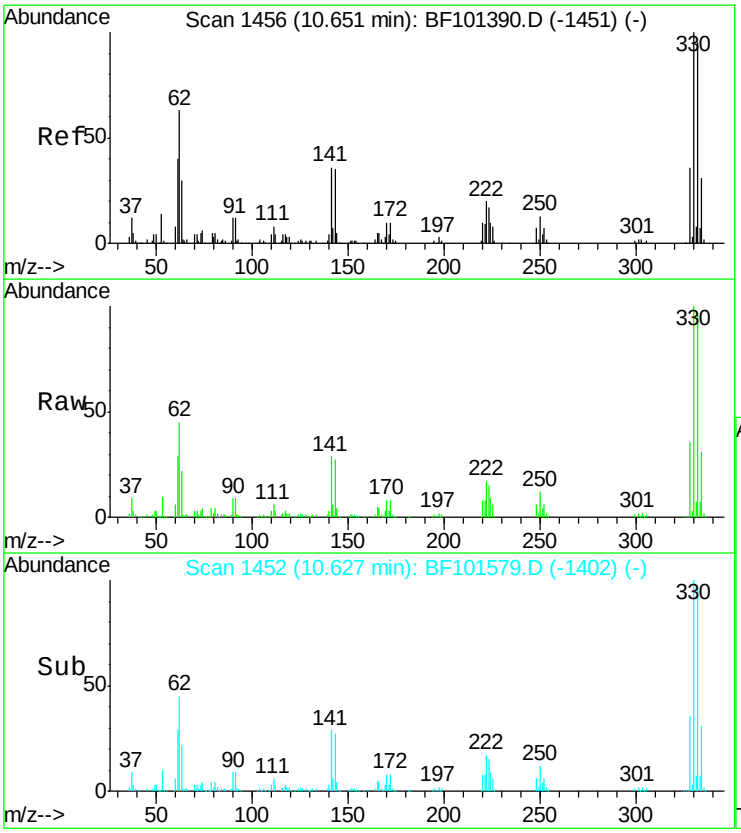
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:164 Resp: 255445

Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	45.8	38.3	57.5

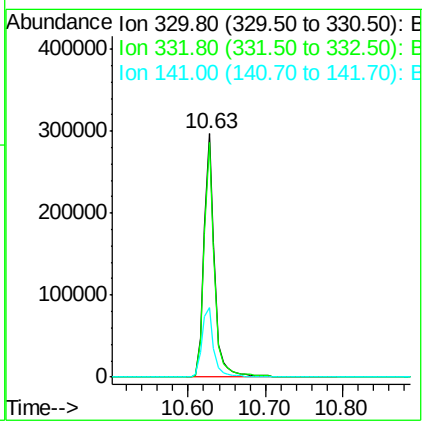


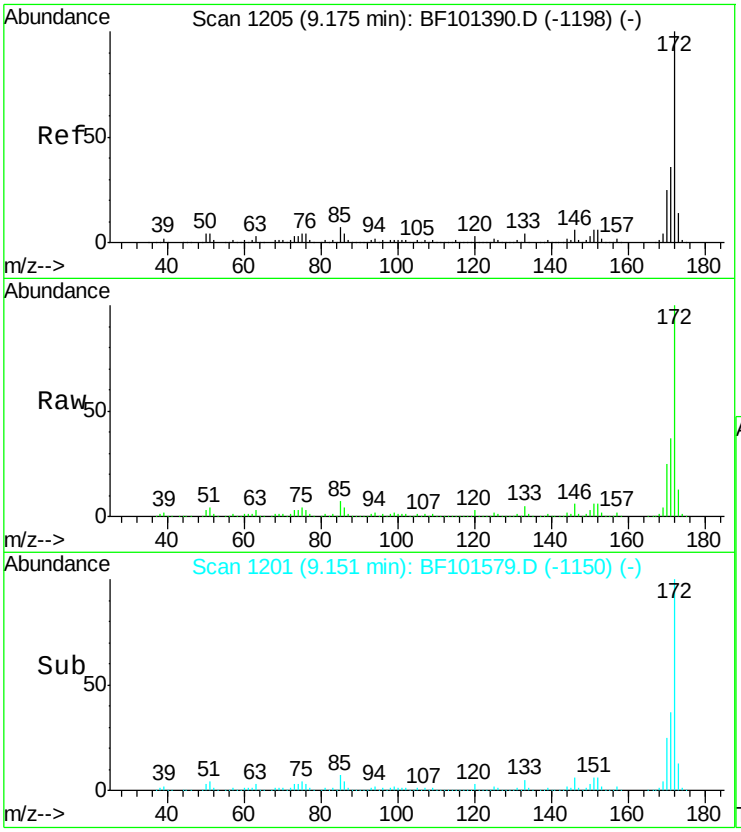


#41
2,4,6-Tribromophenol
Concen: 115.006 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:330 Resp: 283077

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.4	29.9	44.9



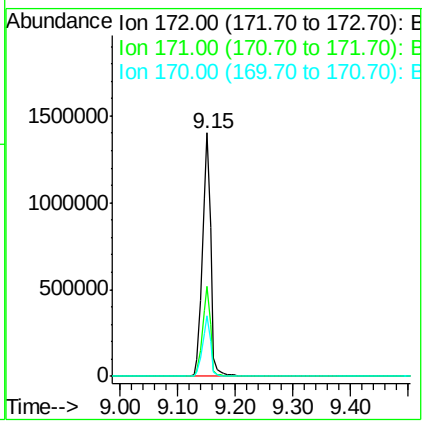


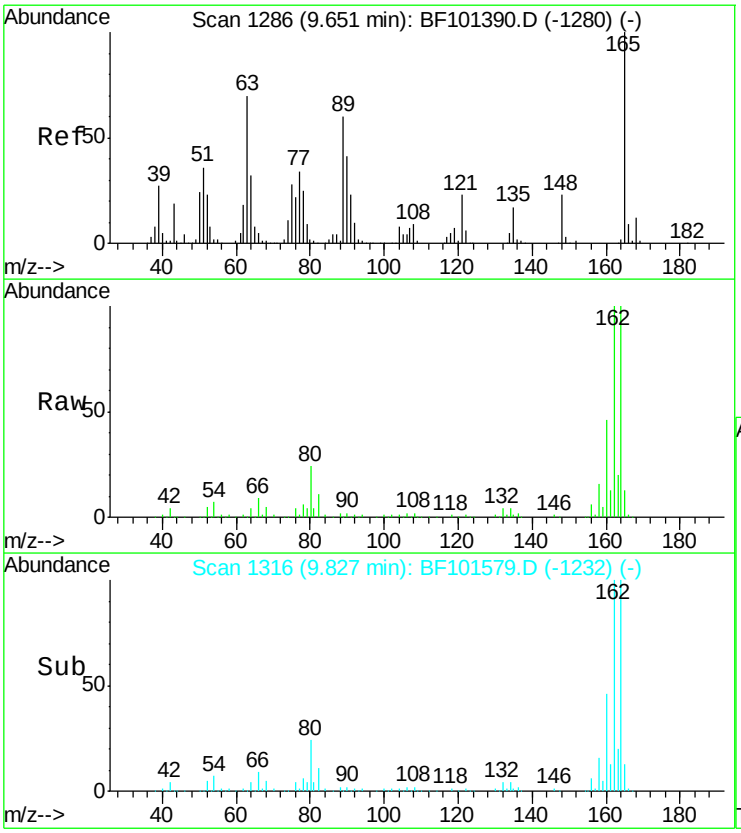
#44
2-Fluorobiphenyl
Concen: 87.642 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:172 Resp: 1443220

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4

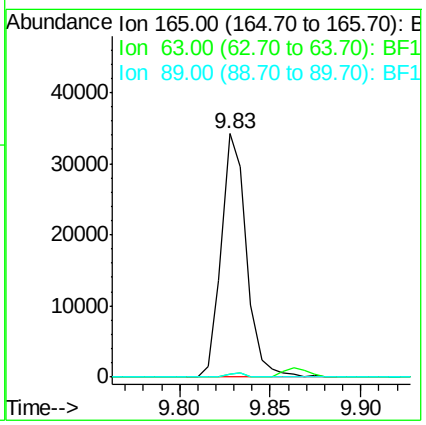


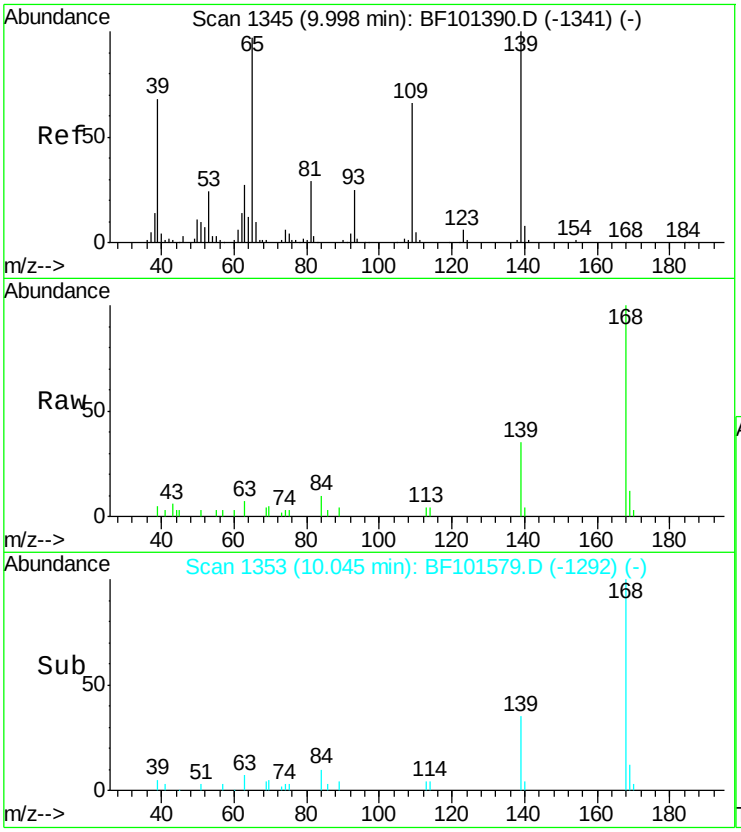


#50
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:165 Resp: 33136

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#



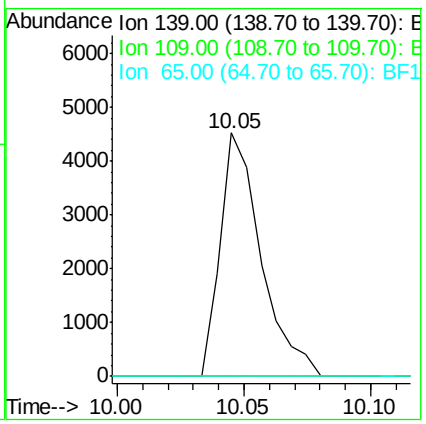


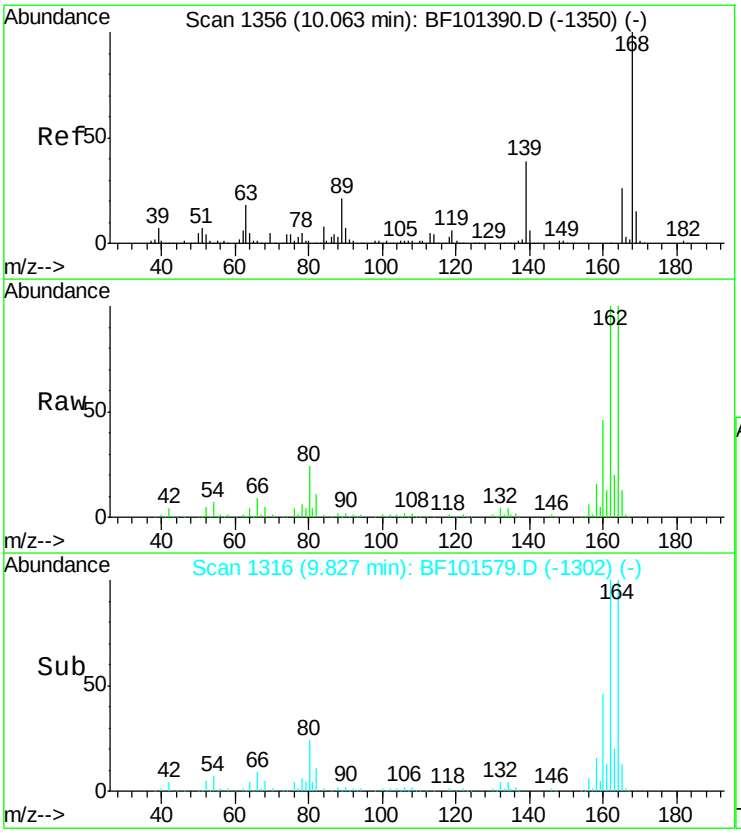
#55
4-Nitrophenol
Concen: 2.237 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.06 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:139 Resp: 5078

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

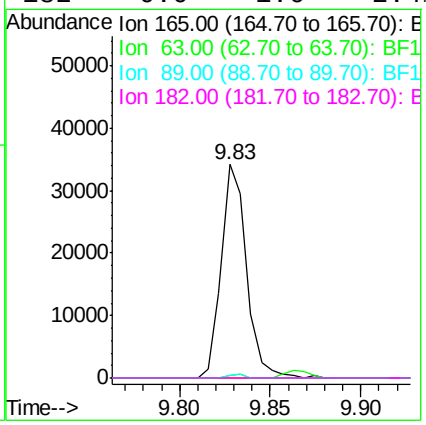


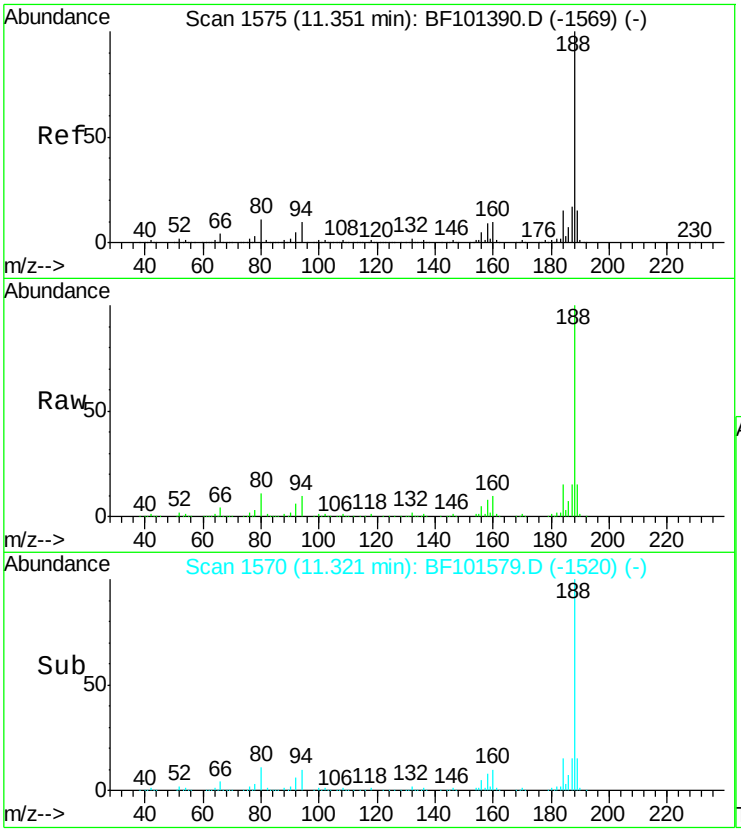


#56
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:165 Resp: 33136

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



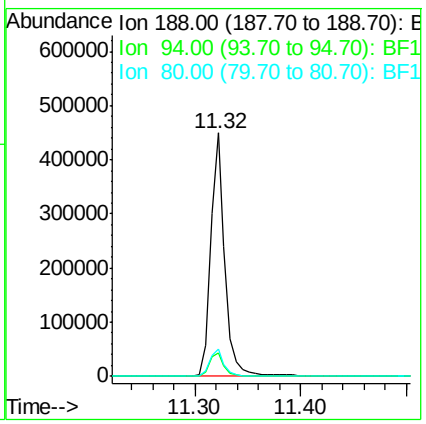


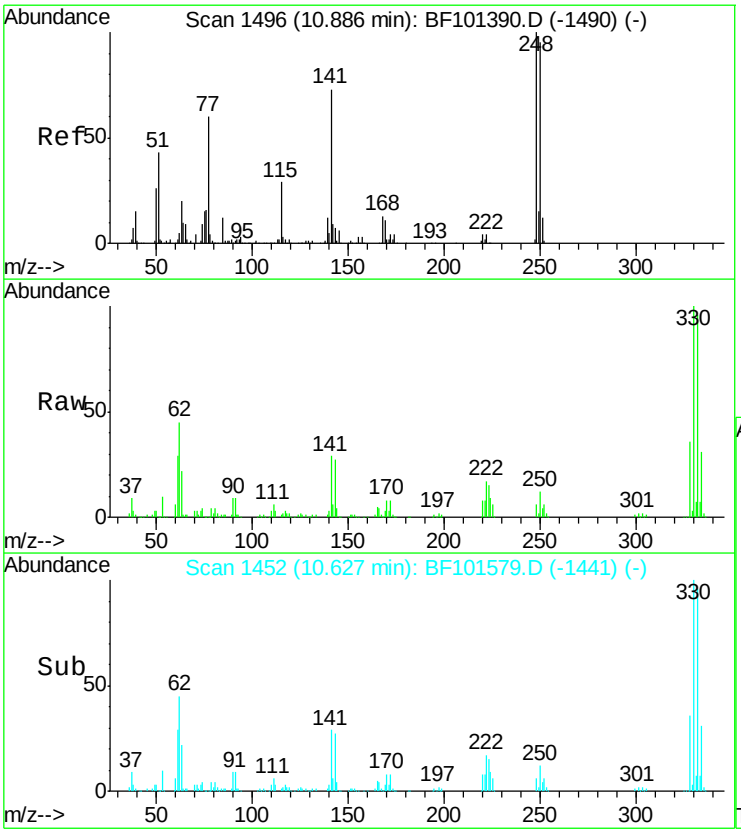
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:188 Resp: 420150

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.1	9.2	13.8

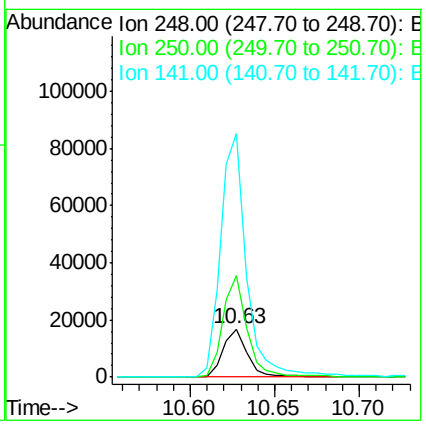


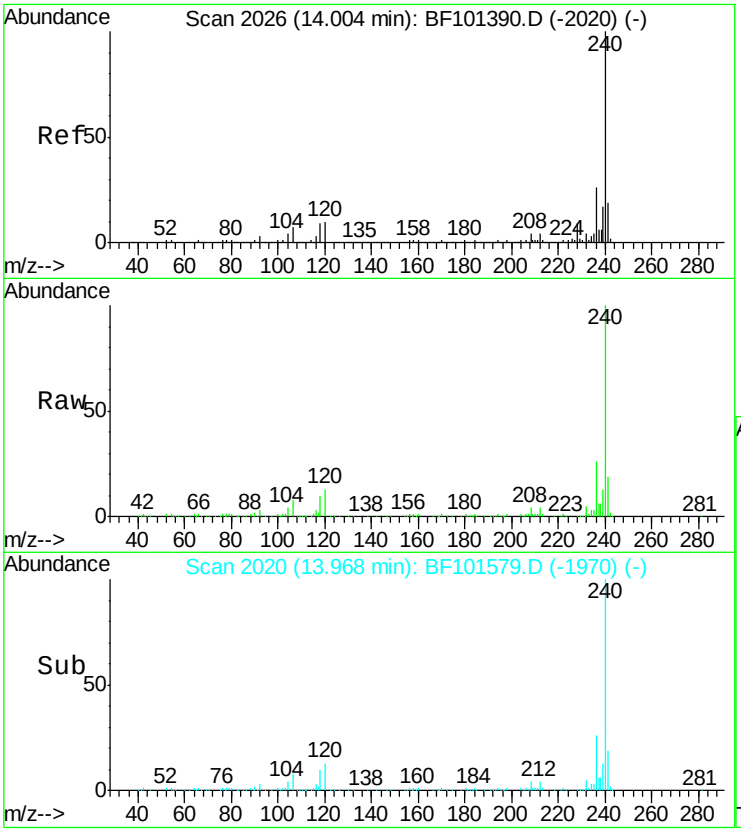


#66
4-Bromophenyl-phenylether
Concen: 3.623 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:248 Resp: 17102

Ion	Ratio	Lower	Upper
248	100		
250	211.2	76.9	115.3#
141	507.2	74.4	111.6#



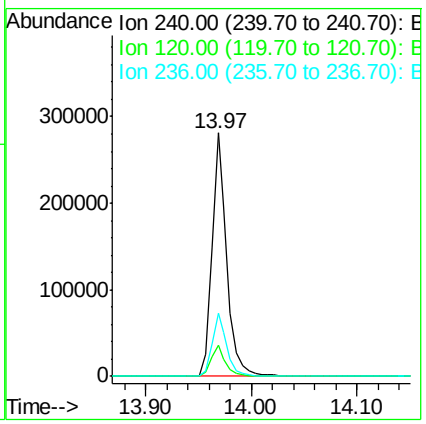


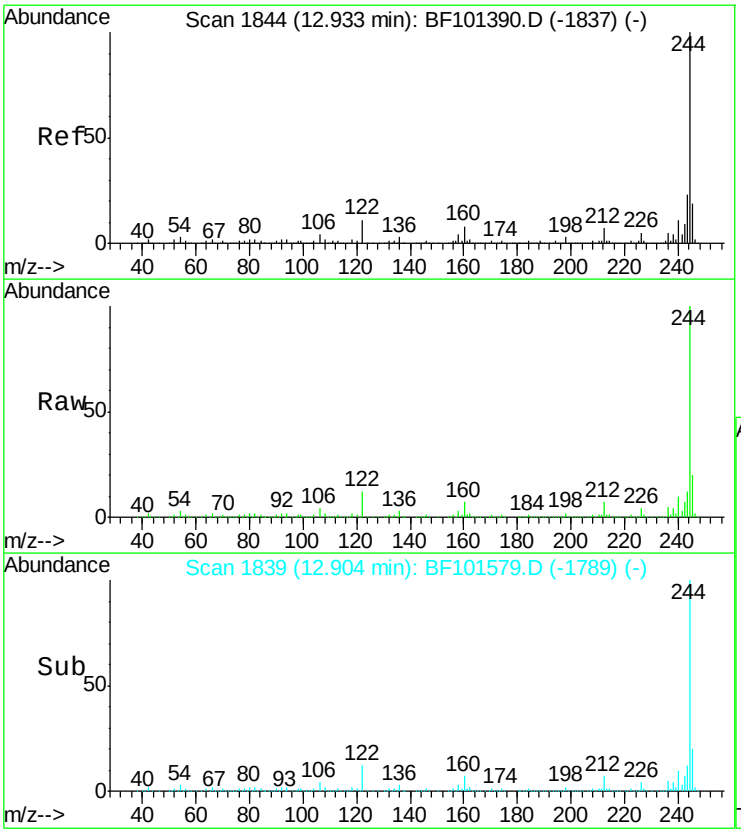
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:240 Resp: 276851

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.8	20.7	31.1

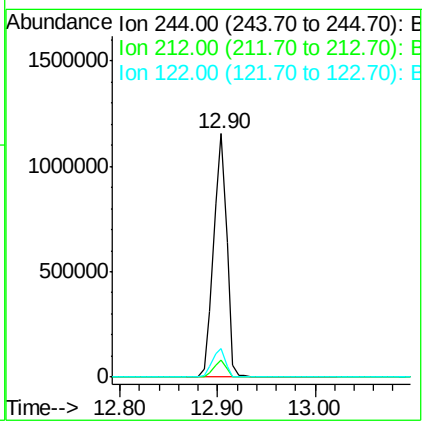


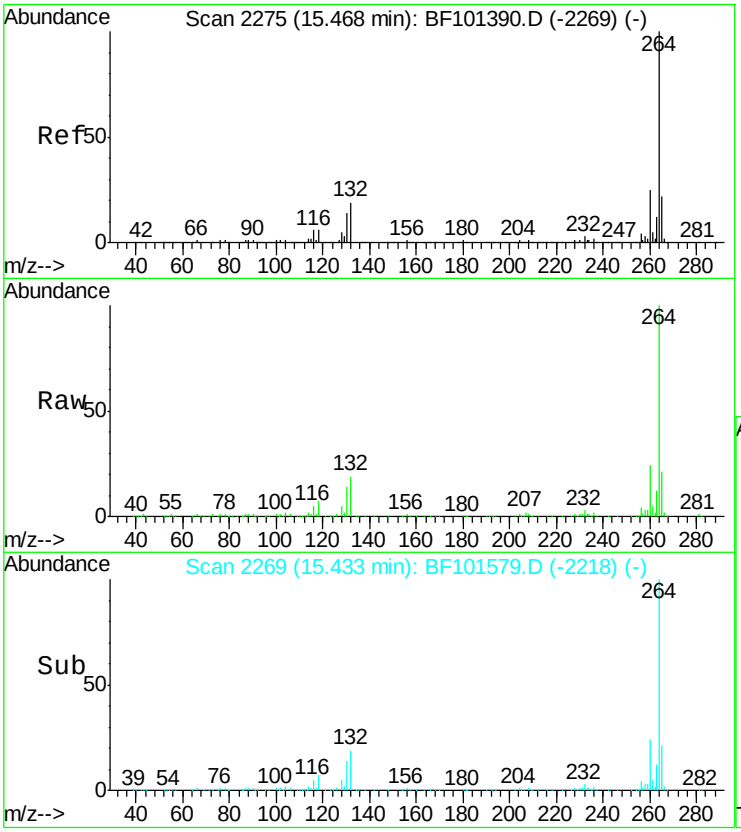


#78
Terphenyl-d14
Concen: 93.930 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:244 Resp: 1078684

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion:264 Resp: 316669

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3