Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF107001.D
Acq On : 30 Jun 2018 4:10
Operator : JU/SJ
Sample : J3691-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Time: Jun 30 05:33:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68119	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	250999	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	114798	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	196096	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	194613	20.00	ng		-0.03
86) Perylene-d12	15.67	264	154286	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	240784	59.85	ng		0.00
7) Phenol-d6	6.60	99	181306	36.09	ng		-0.02
23) Nitrobenzene-d5	7.52	82	401005	88.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	176367	132.55	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	723162	111.17	ng		-0.02
78) Terphenyl-d14	13.07	244	706117	87.89	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	9221	2.185	ng		87
19) n-Nitroso-di-n-propylamine	7.52	70	53465	16.145	ng	#	73
25) Isophorone	7.52	82	401058	50.392	ng	#	64
49) Dimethylphthalate	9.70	163	27566	3.202	ng	#	98
50) 2,6-Dinitrotoluene	9.99	165	14561	7.987	ng	#	24
56) 2,4-Dinitrotoluene	9.99	165	14561	6.119	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	11098	4.742	ng	#	1
74) Fluoranthene	12.71	202	21549	2.067	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF107001.D
Acq On : 30 Jun 2018 4:10
Operator : JU/SJ
Sample : J3691-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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W-37

Quant Time: Jun 30 05:33:33 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
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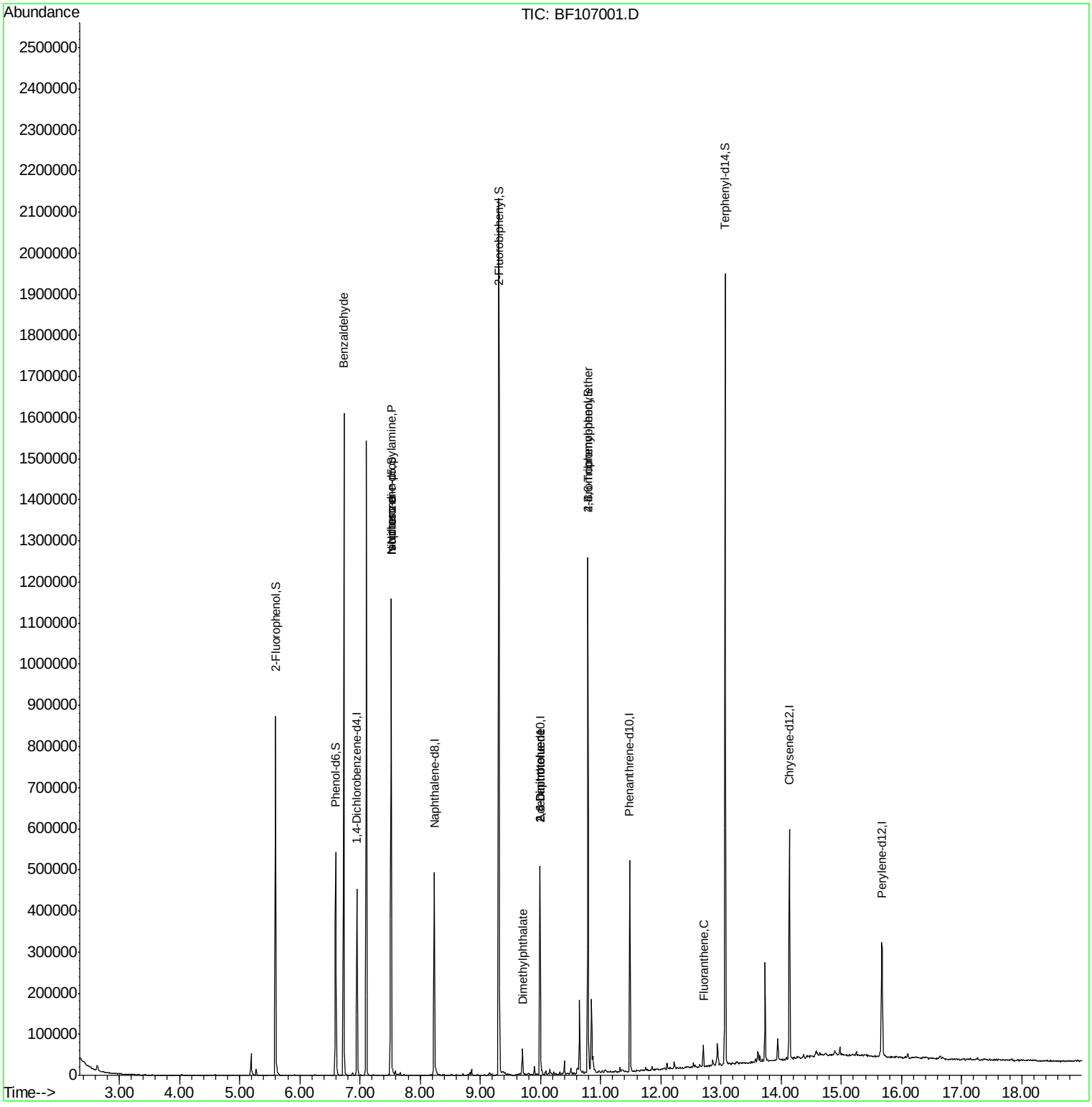
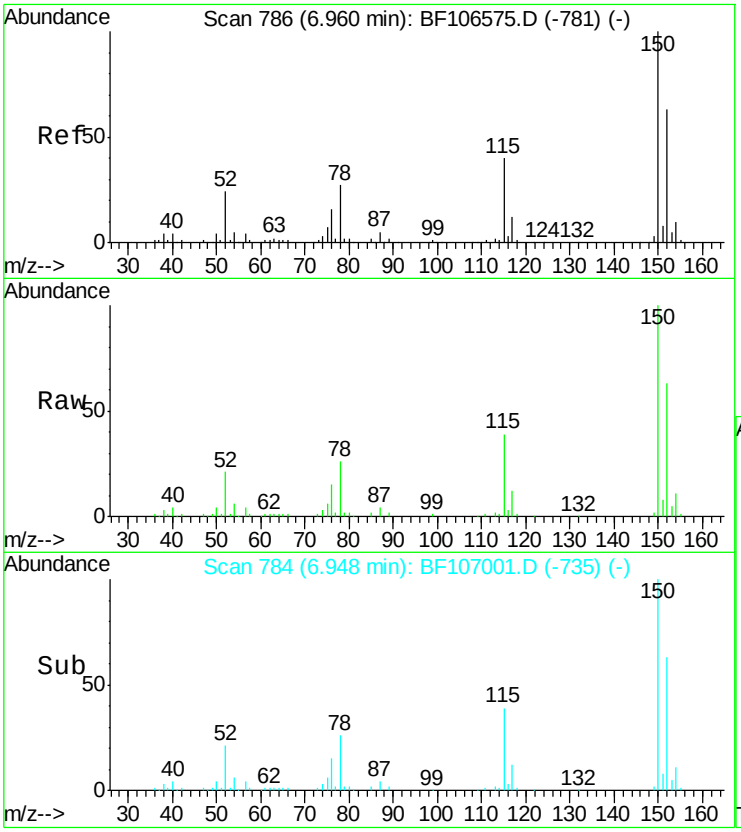


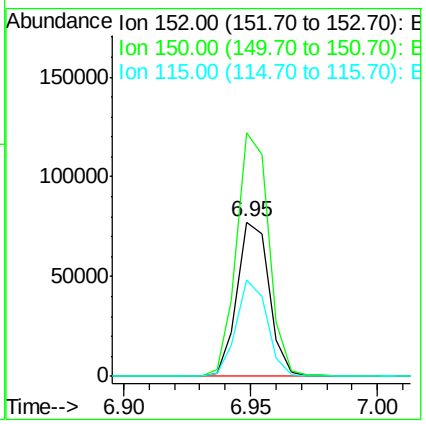


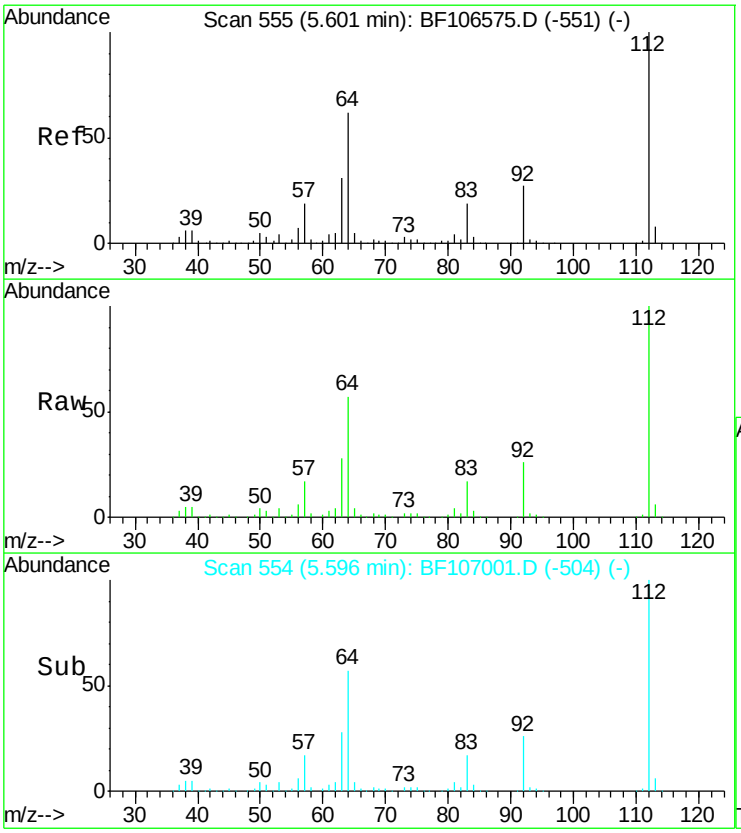
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:152 Resp: 68119

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	62.4	50.1	75.1

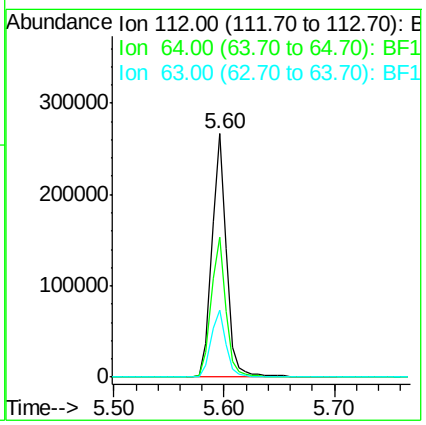


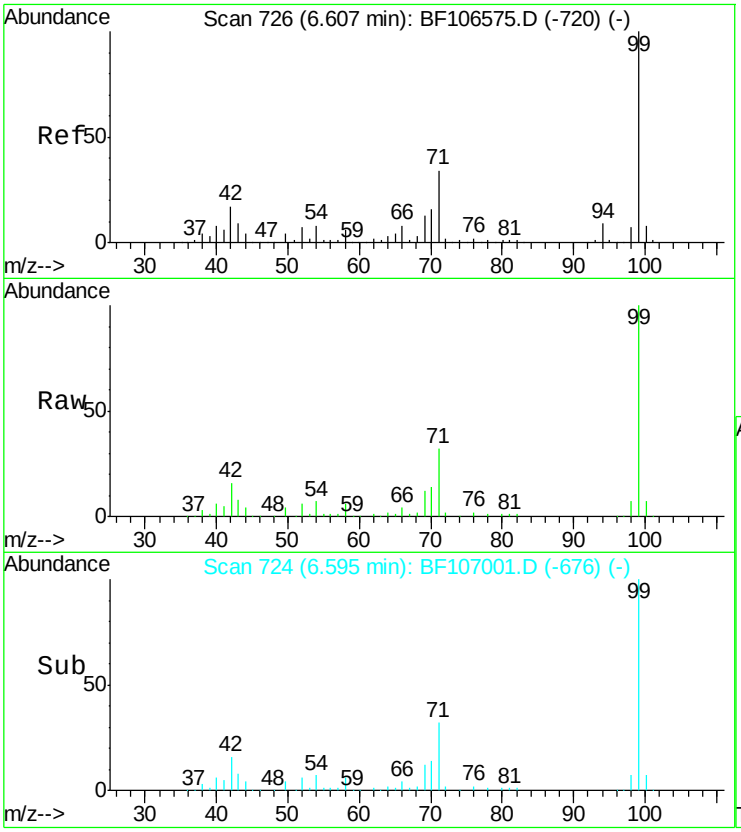


#5
2-Fluorophenol
Concen: 59.855 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:112 Resp: 240784

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	27.6	23.7	35.5



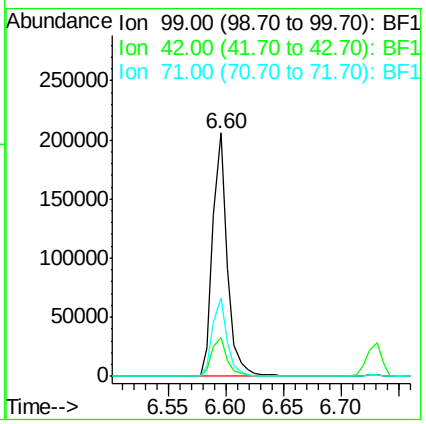


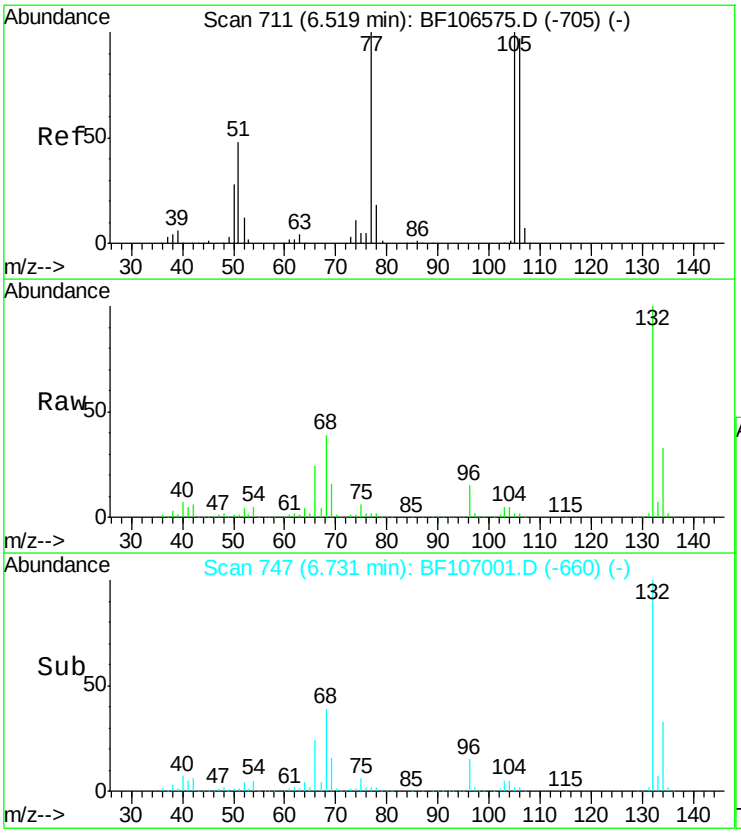
#7
Phenol-d6
Concen: 36.090 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 99 Resp: 181306

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	32.3	25.4	38.0

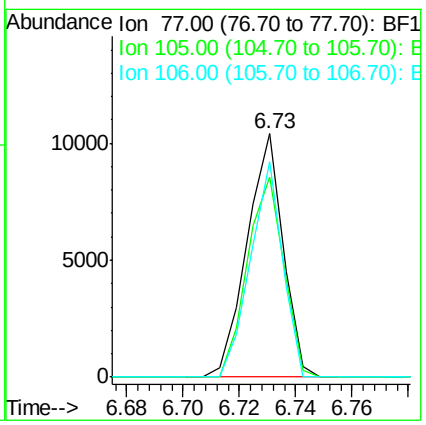


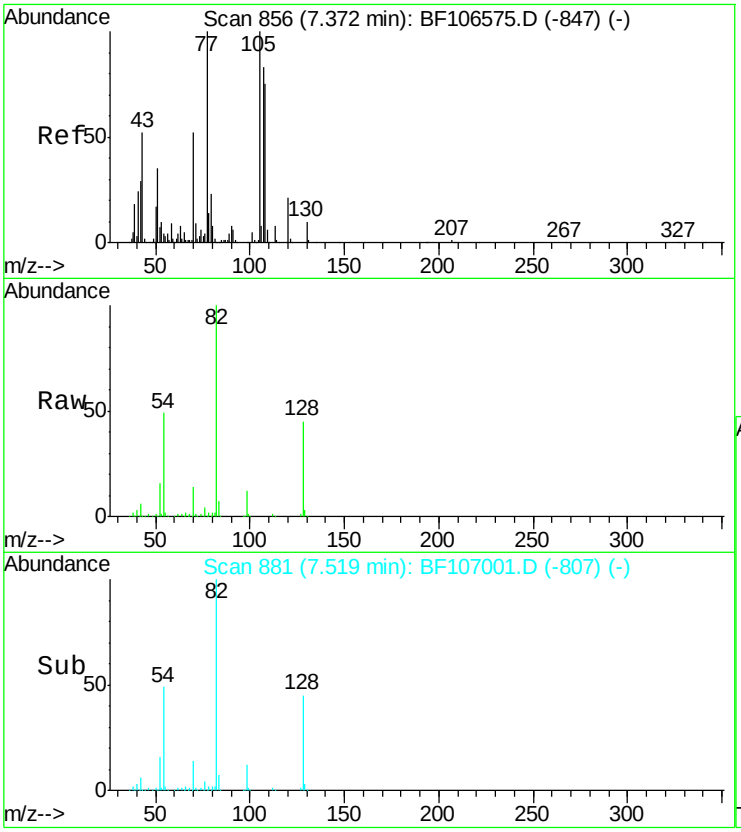


#9
Benzaldehyde
Concen: 2.185 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion: 77 Resp: 9221

Ion	Ratio	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	88.5	74.5	114.5



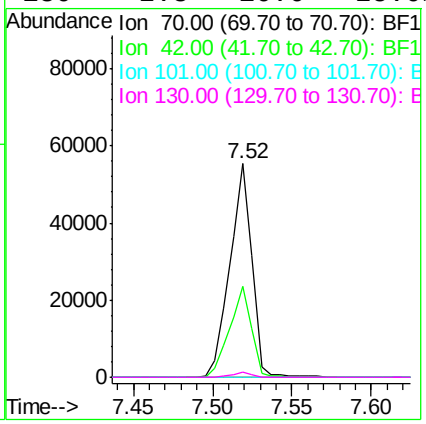


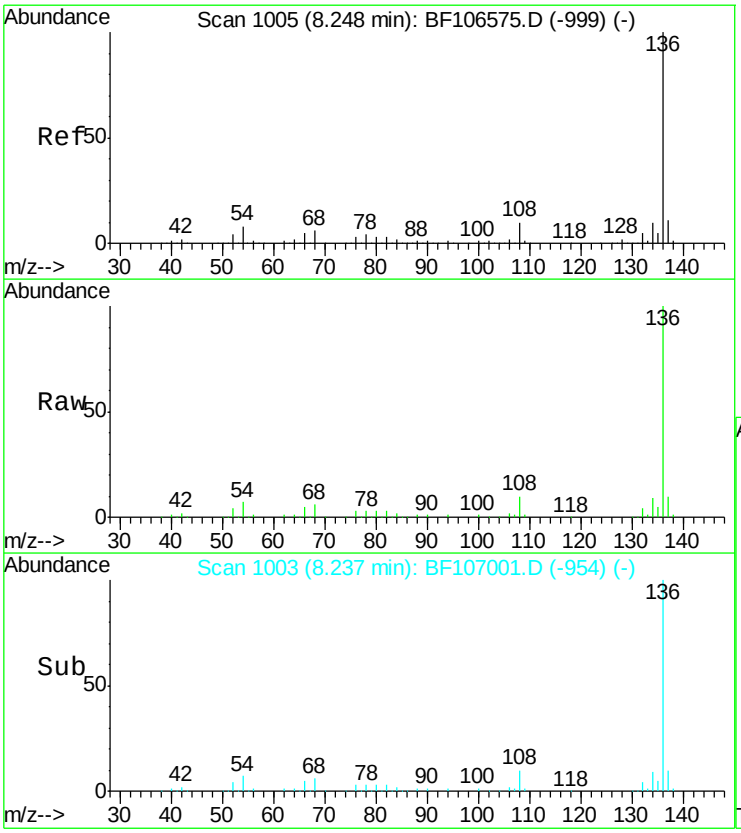
#19
n-Nitroso-di-n-propylamine
Concen: 16.145 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 70 Resp: 53465

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

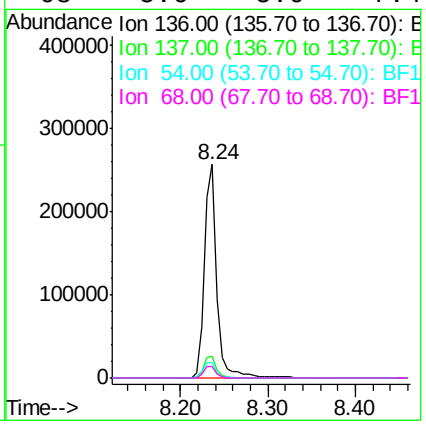


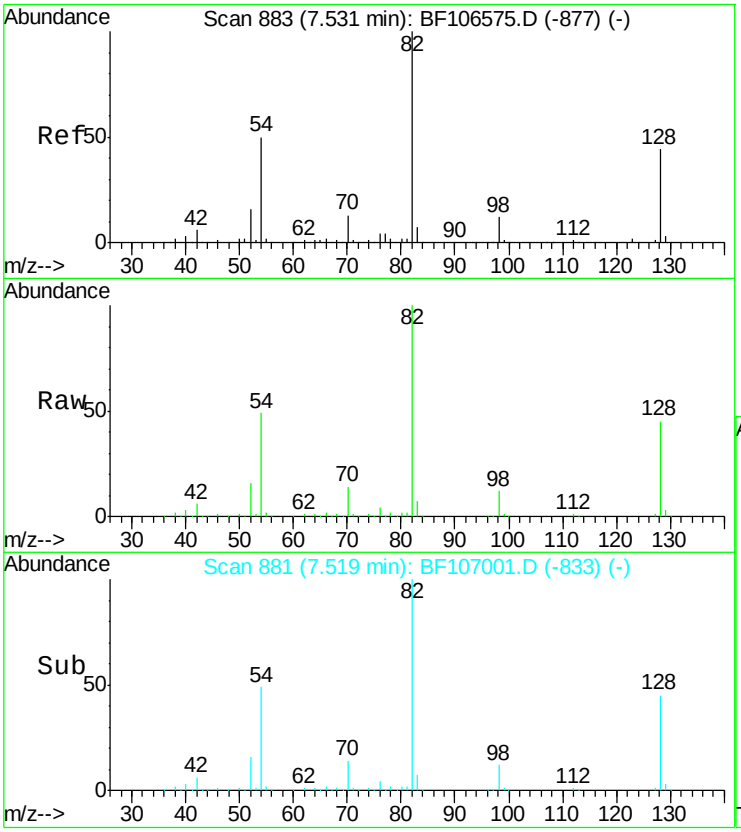


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:136 Resp: 250999

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.4	6.6	9.8
68	5.6	5.0	7.4



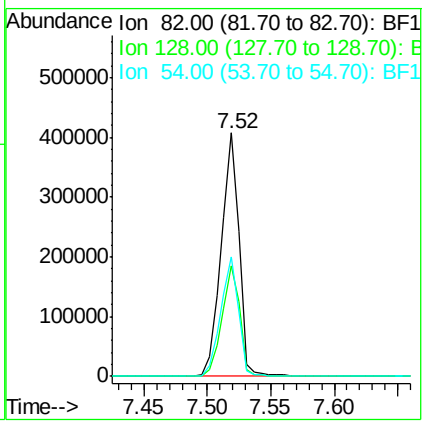


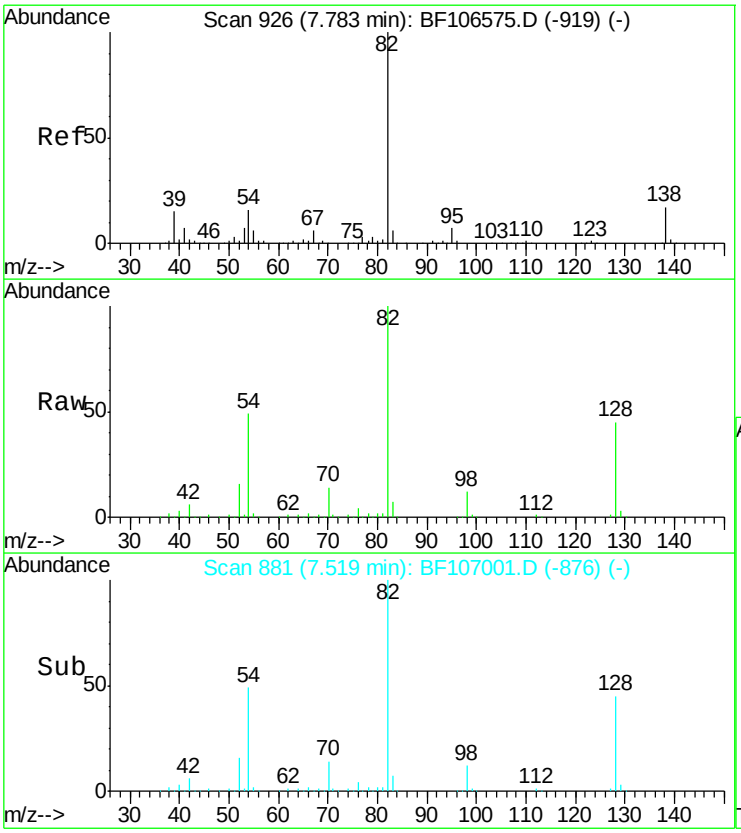
#23
Nitrobenzene-d5
Concen: 88.786 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 82 Resp: 401005

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	49.3	41.4	62.2

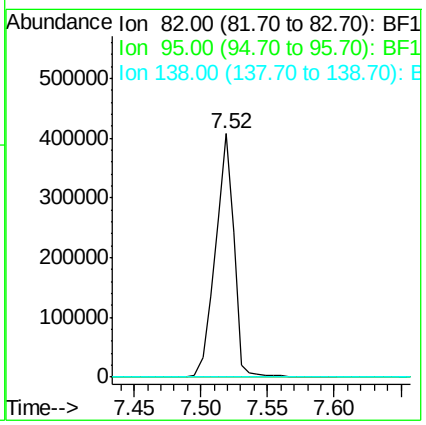


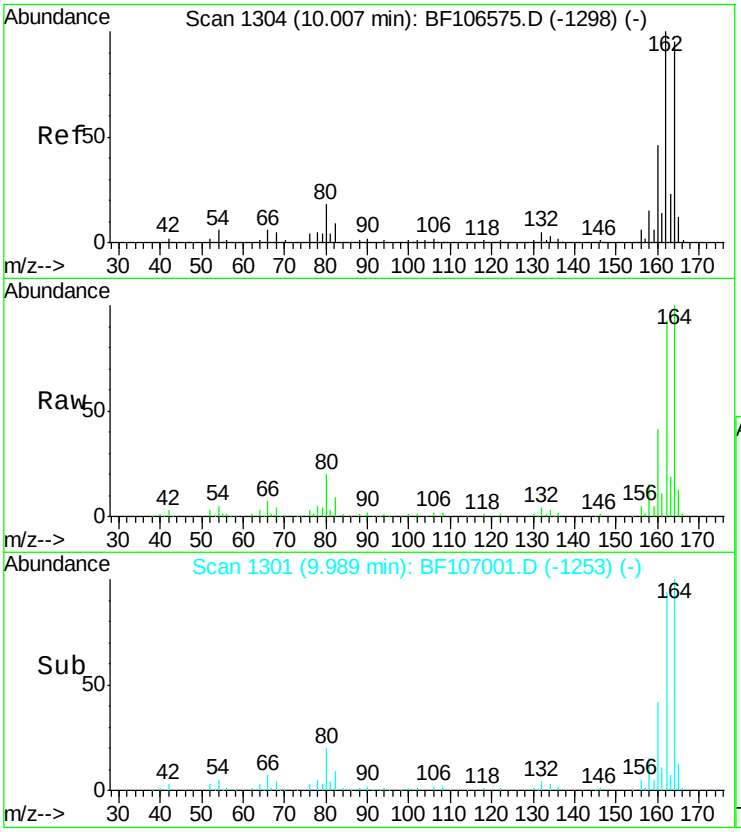


#25
Isophorone
Concen: 50.392 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion: 82 Resp: 401058

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



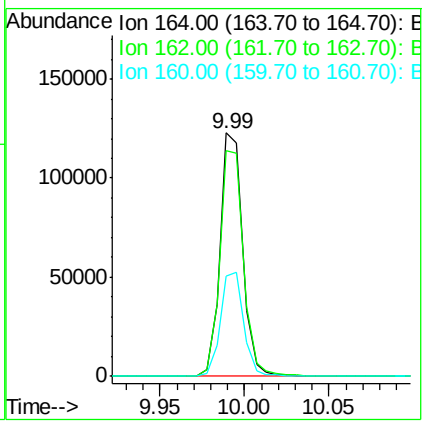


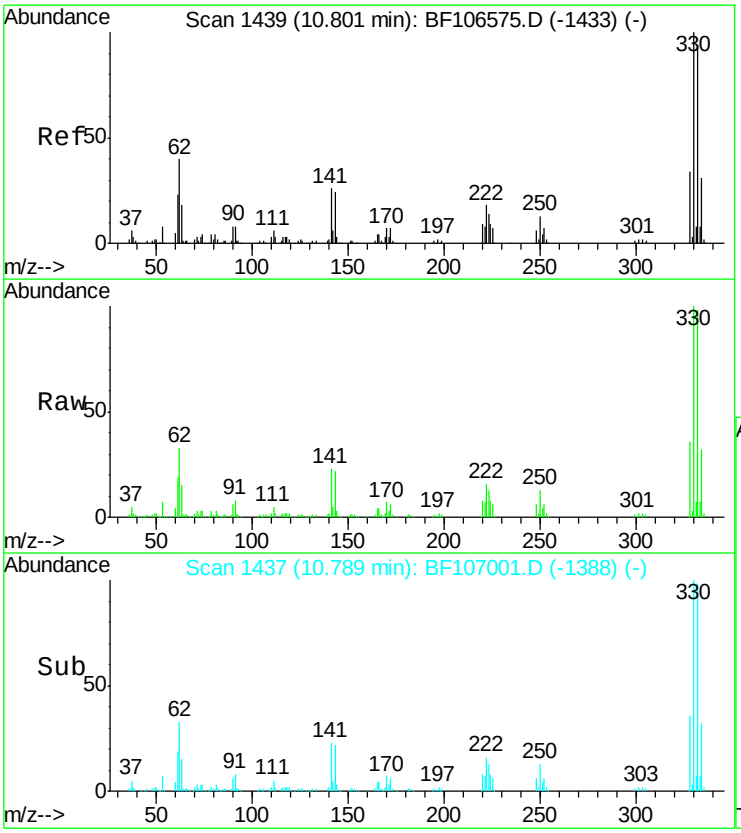
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:164 Resp: 114798

Ion	Ratio	Lower	Upper
164	100		
162	92.6	86.1	129.1
160	41.4	38.3	57.5

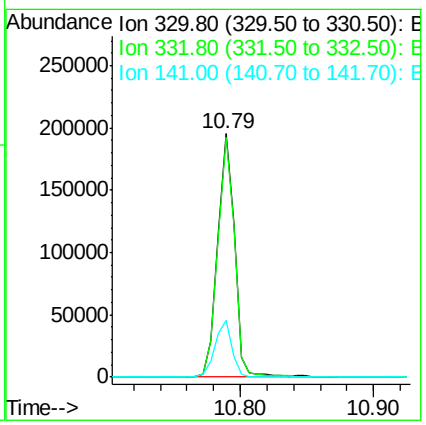


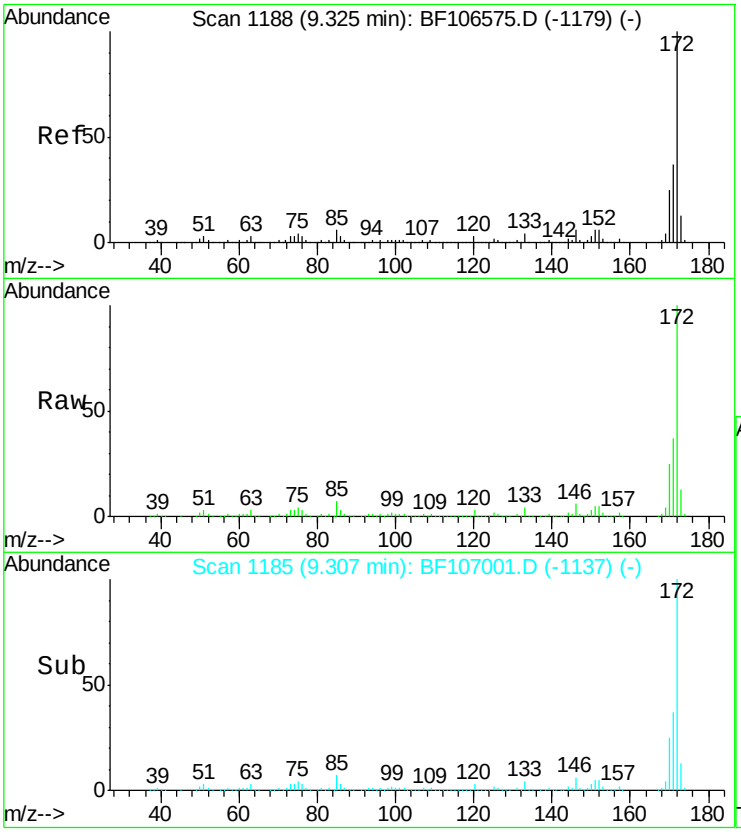


#41
2,4,6-Tribromophenol
Concen: 132.553 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:330 Resp: 176367

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	23.4	29.9	44.9#



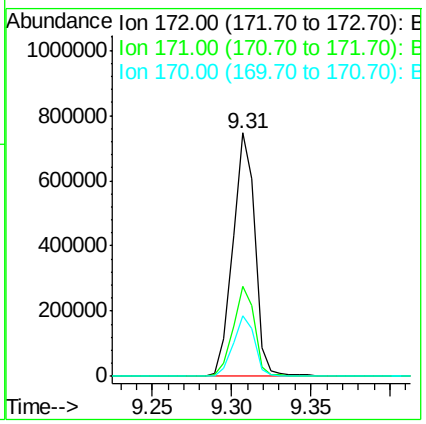


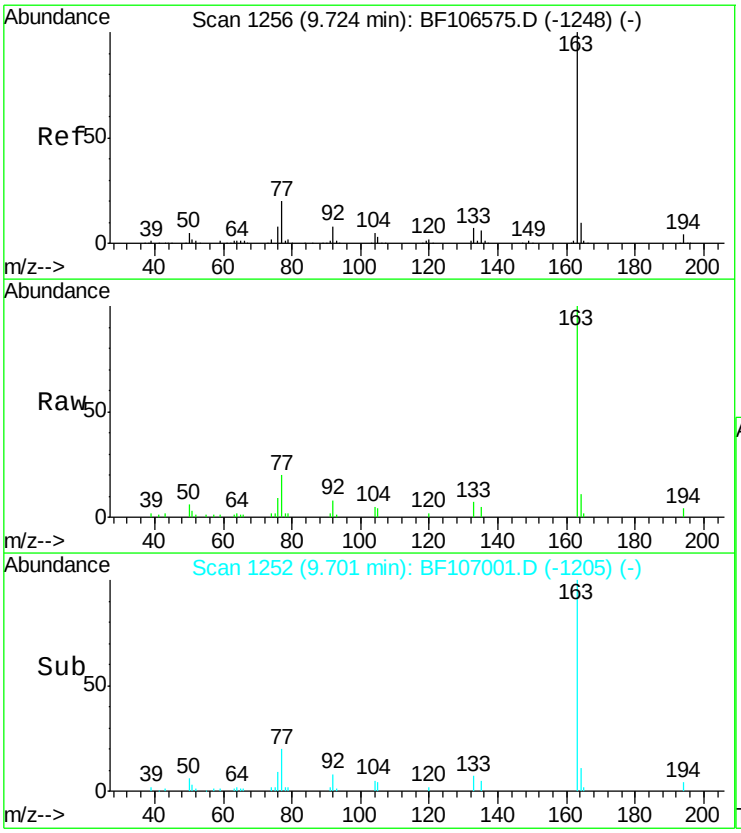
#44
2-Fluorobiphenyl
Concen: 111.167 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:172 Resp: 723162

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4

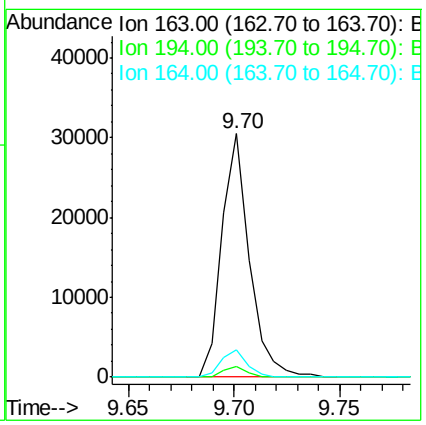


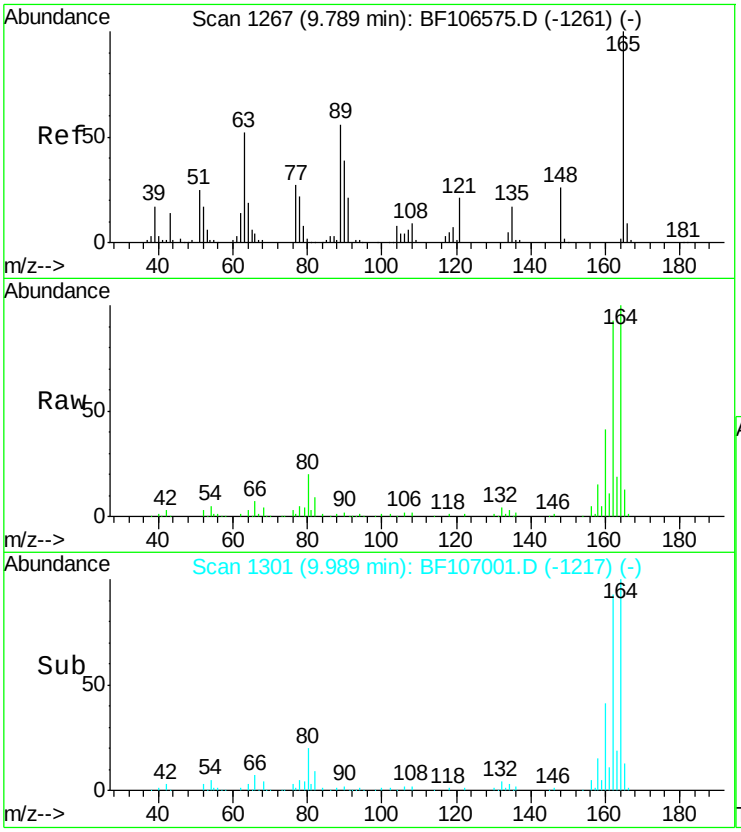


#49
Dimethylphthalate
Concen: 3.202 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:163 Resp: 27566

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.0	8.2	12.2



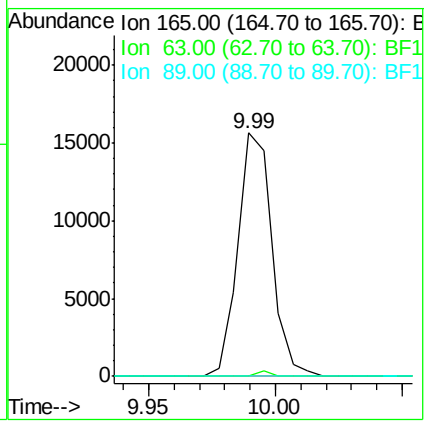


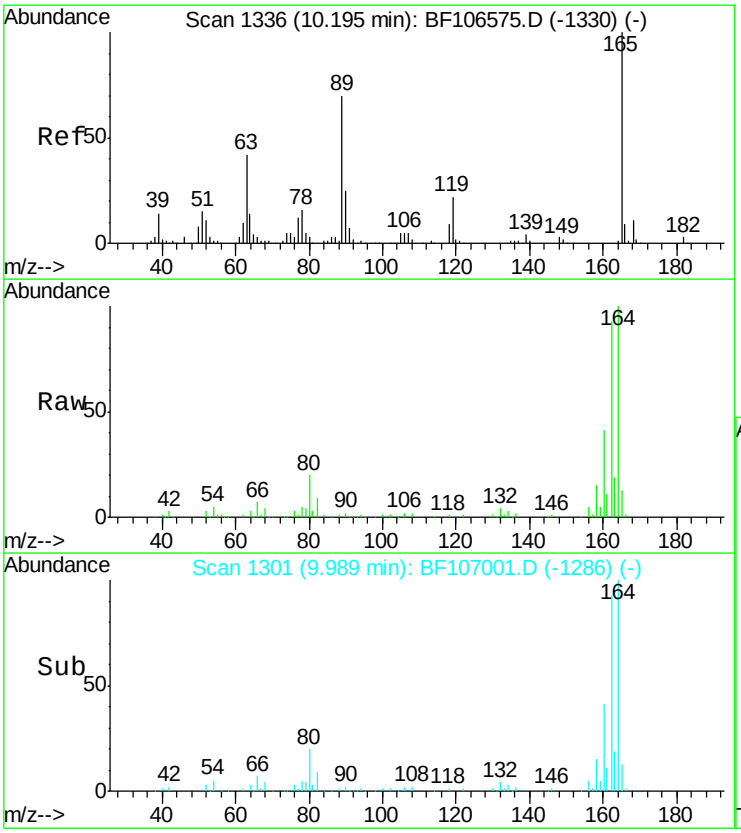
#50
2,6-Dinitrotoluene
Concen: 7.987 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:165 Resp: 14561

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

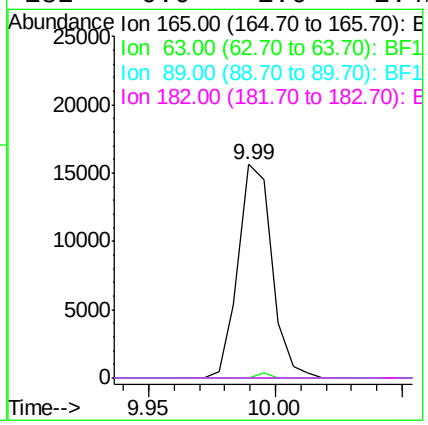


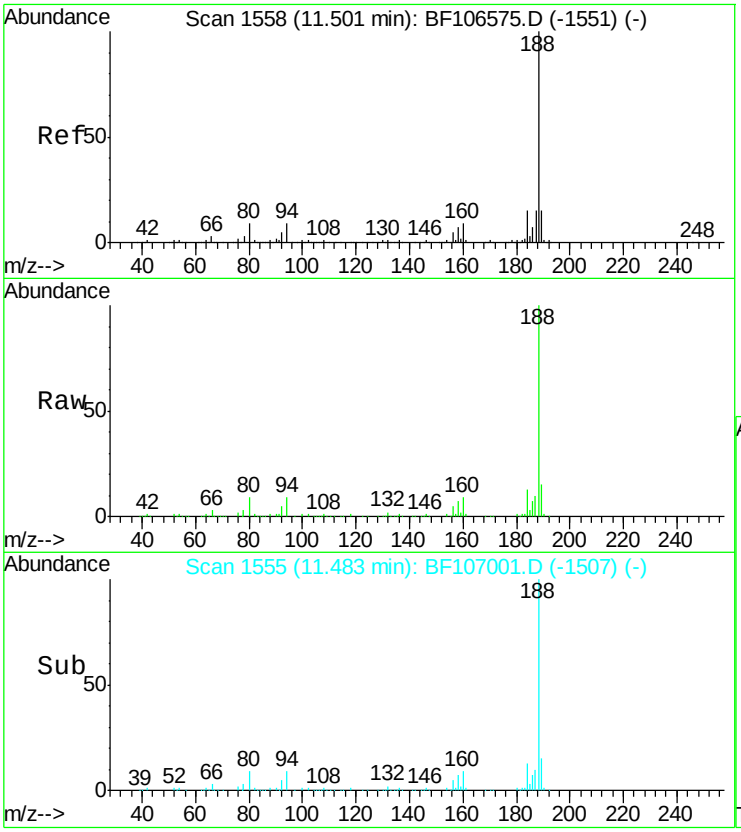


#56
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:165 Resp: 14561

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#



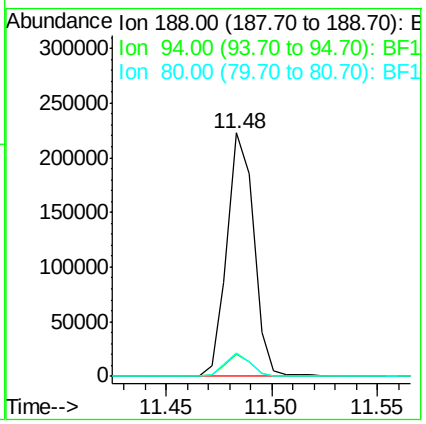


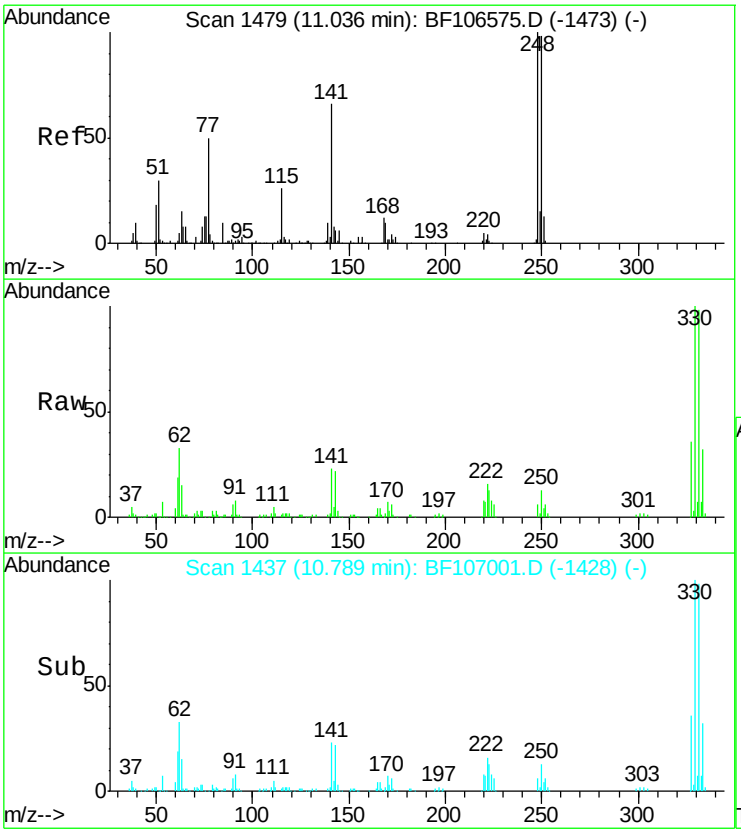
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:188 Resp: 196096

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

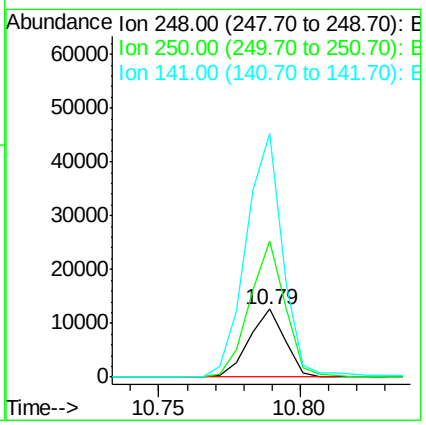


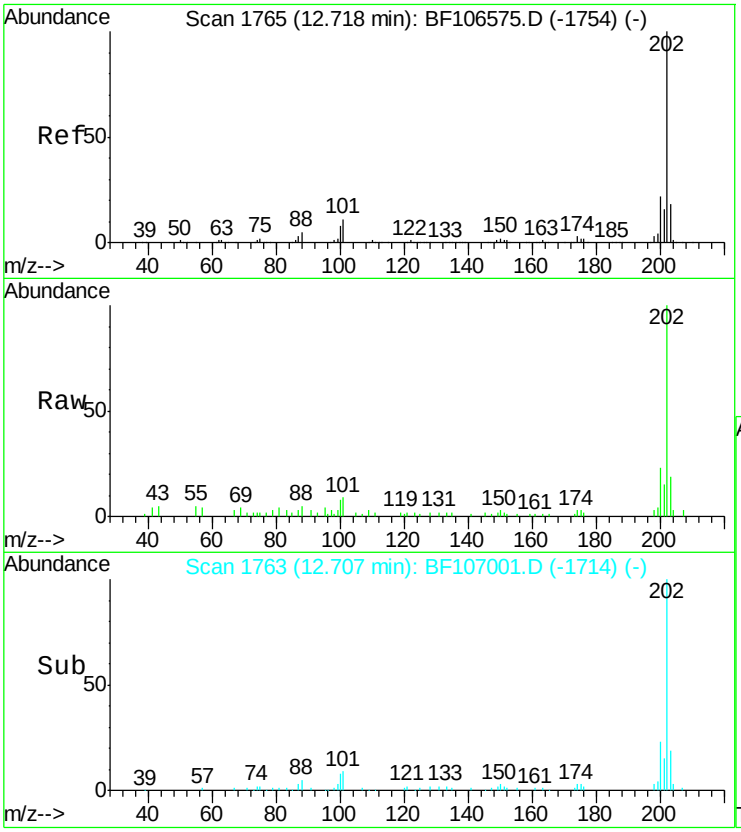


#66
4-Bromophenyl-phenylether
Concen: 4.742 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:248 Resp: 11098

Ion	Ratio	Lower	Upper
248	100		
250	200.8	76.9	115.3#
141	357.8	74.4	111.6#



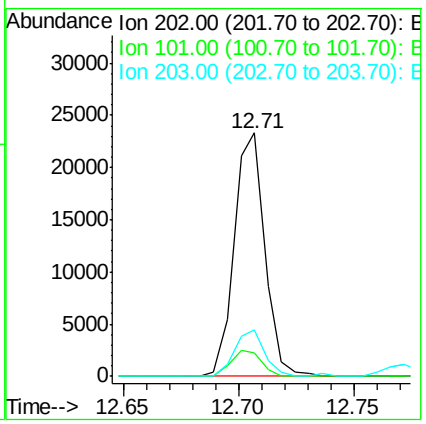


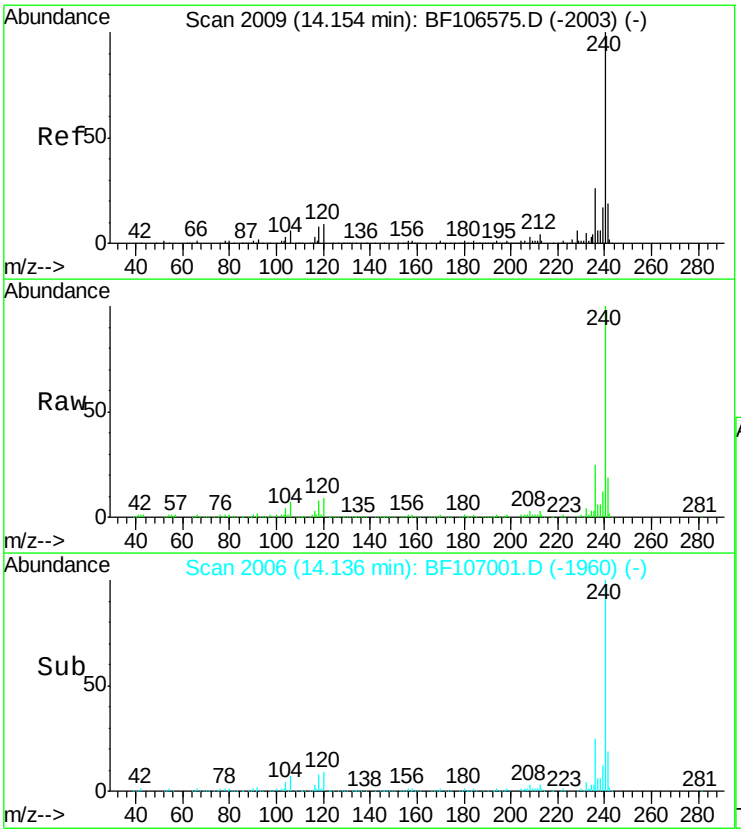
#74
Fluoranthene
Concen: 2.067 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:202 Resp: 21549

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	19.2	0.0	38.1

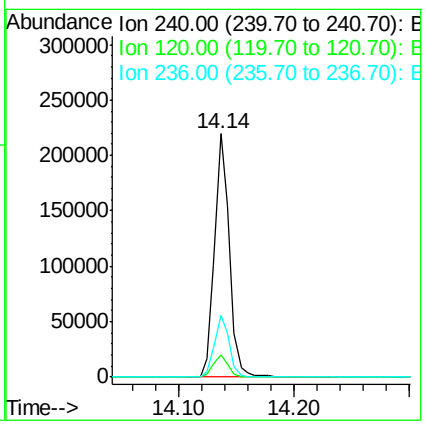


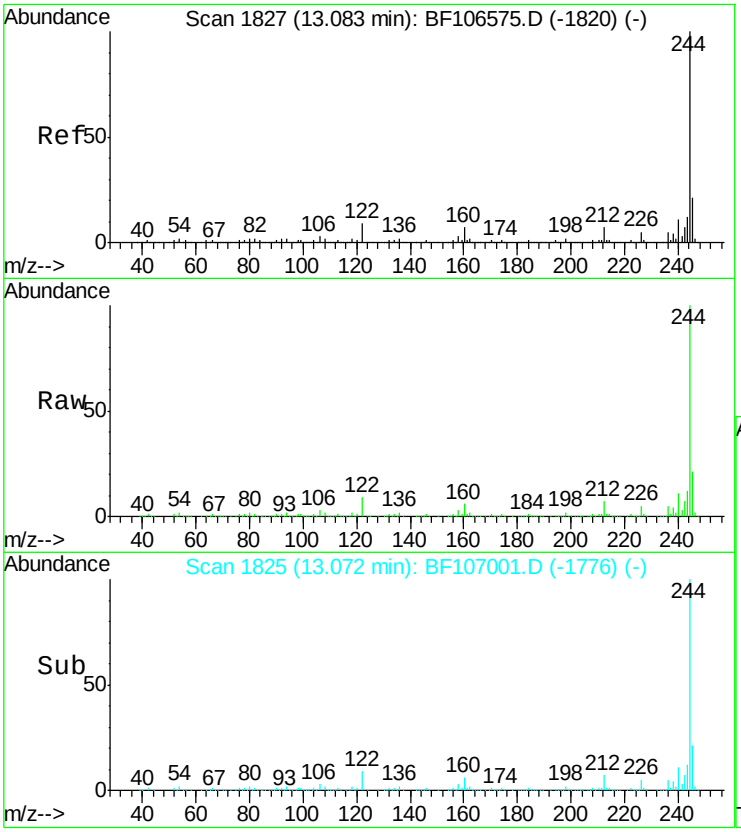


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:240 Resp: 194613

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.3	20.7	31.1



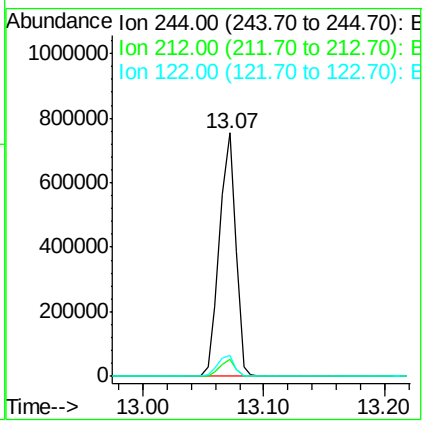


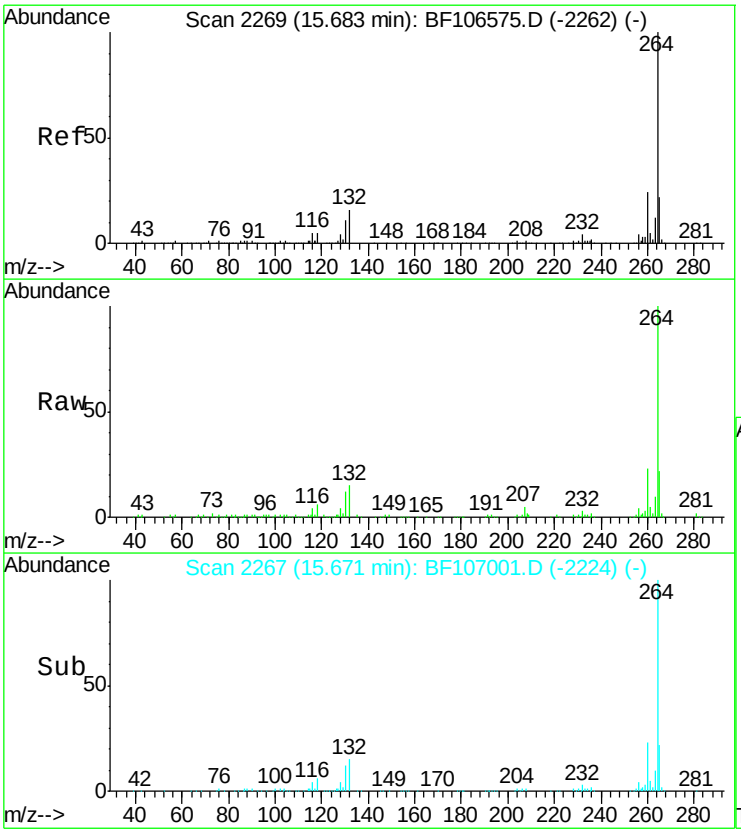
#78
Terphenyl-d14
Concen: 87.889 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:244 Resp: 706117

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:264 Resp: 154286

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3