Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106762.D
Acq On : 25 Jun 2018 11:06
Operator : JU/SJ
Sample : PB110506BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110506BL

Quant Time: Jun 25 13:50:34 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 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	52010	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	208355	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	115215	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	252914	20.00	ng		0.00
75) Chrysene-d12	14.15	240	271690	20.00	ng		0.00
86) Perylene-d12	15.70	264	257449	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	326626	106.34	ng		0.00
7) Phenol-d6	6.60	99	410653	107.06	ng		0.00
23) Nitrobenzene-d5	7.52	82	268364	71.58	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	157004	117.57	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	523256	75.16	ng		-0.01
78) Terphenyl-d14	13.08	244	751113	66.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	7067	2.193	ng		86
19) n-Nitroso-di-n-propylamine	7.52	70	34720	13.732	ng	#	71
25) Isophorone	7.52	82	268404	40.627	ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	14528	7.940	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	14528	6.083	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	9490	3.144	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
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Acq On : 25 Jun 2018 11:06
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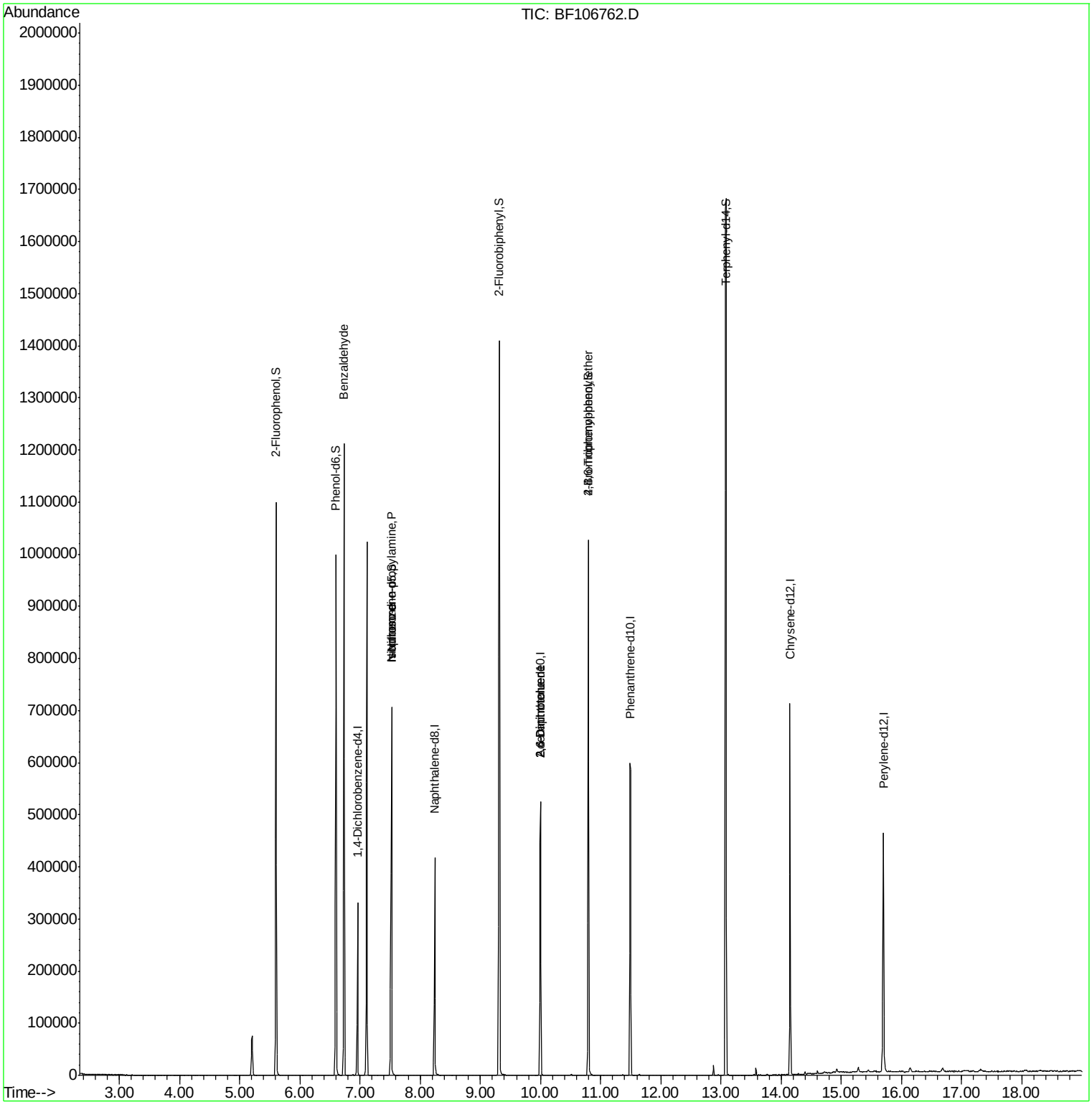
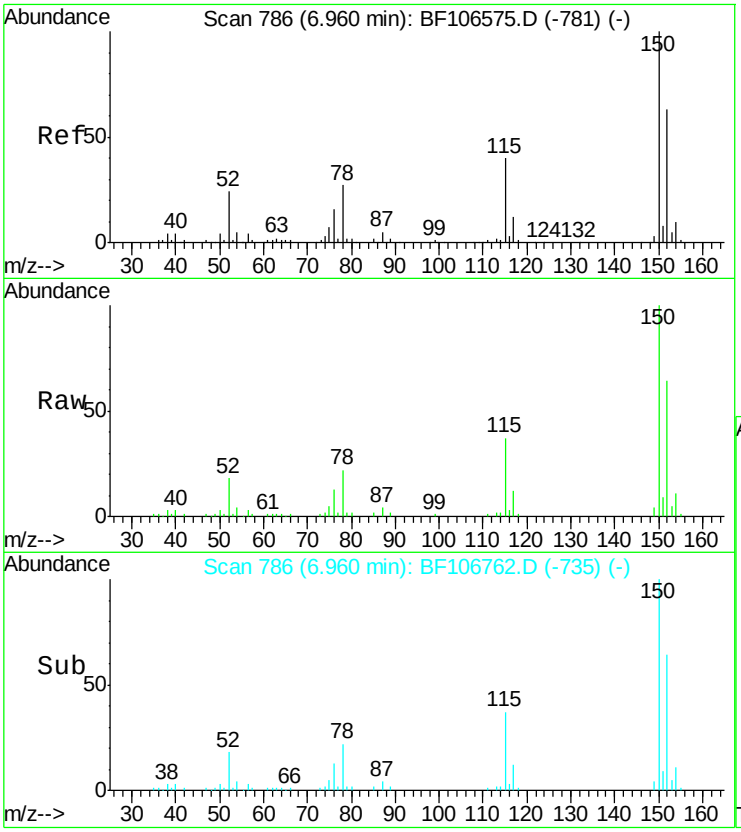


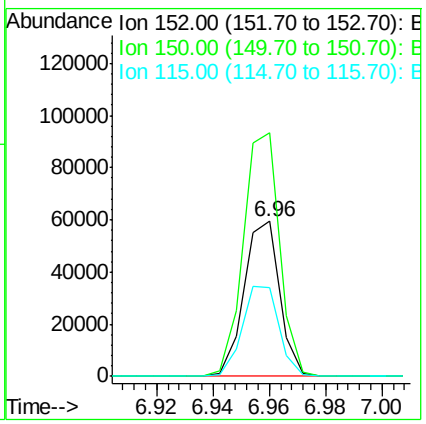


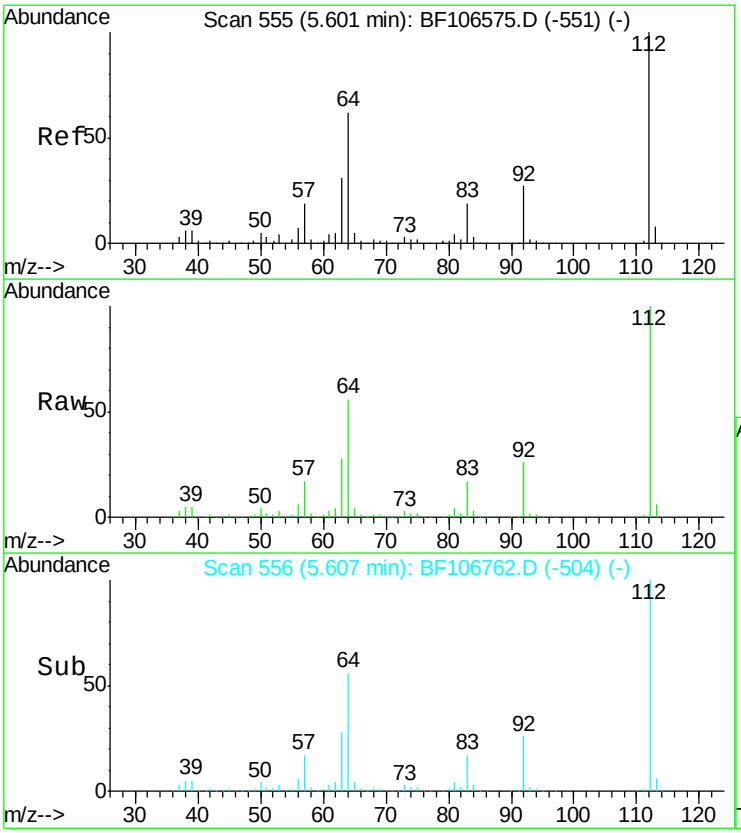
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:152 Resp: 52010

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	57.6	50.1	75.1

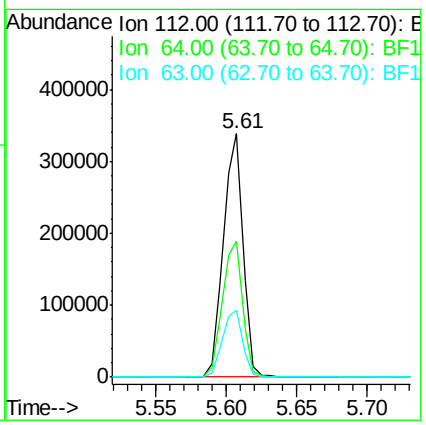


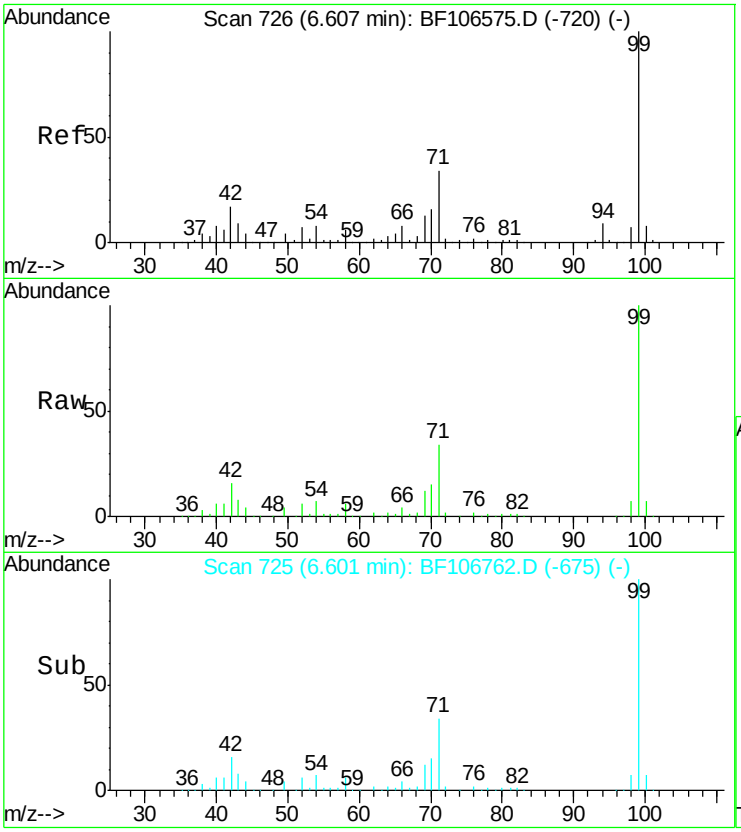


#5
2-Fluorophenol
Concen: 106.341 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:112 Resp: 326626

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.5	23.7	35.5



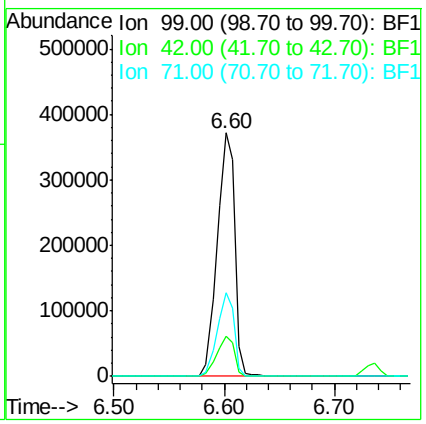


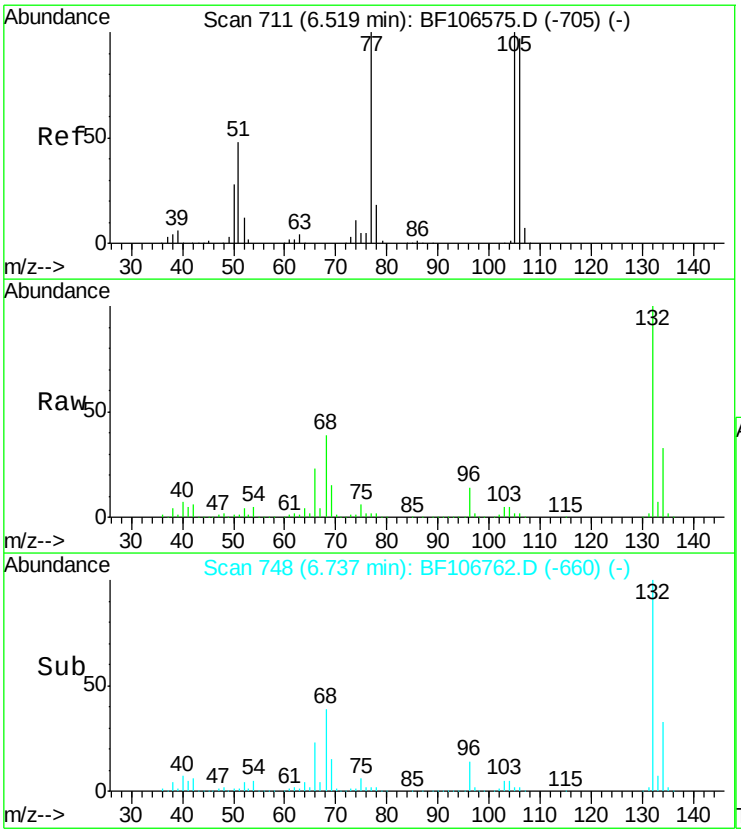
#7
Phenol-d6
Concen: 107.061 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion: 99 Resp: 410653

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	34.3	25.4	38.0

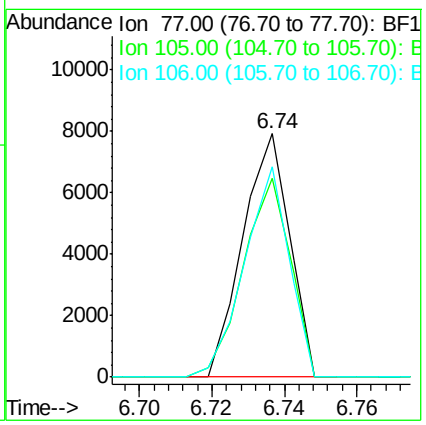


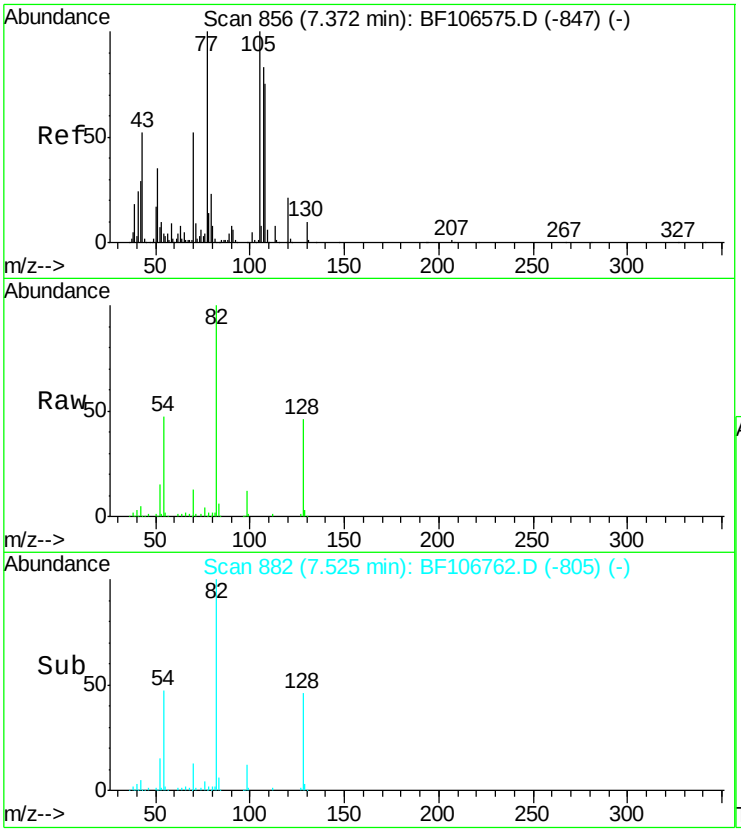


#9
Benzaldehyde
Concen: 2.193 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion: 77 Resp: 7067

Ion	Ratio	Lower	Upper
77	100		
105	81.8	81.1	121.1
106	86.4	74.5	114.5



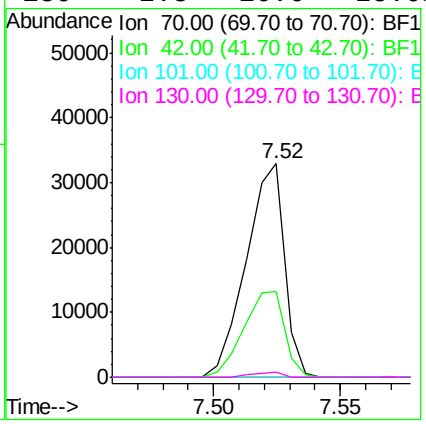


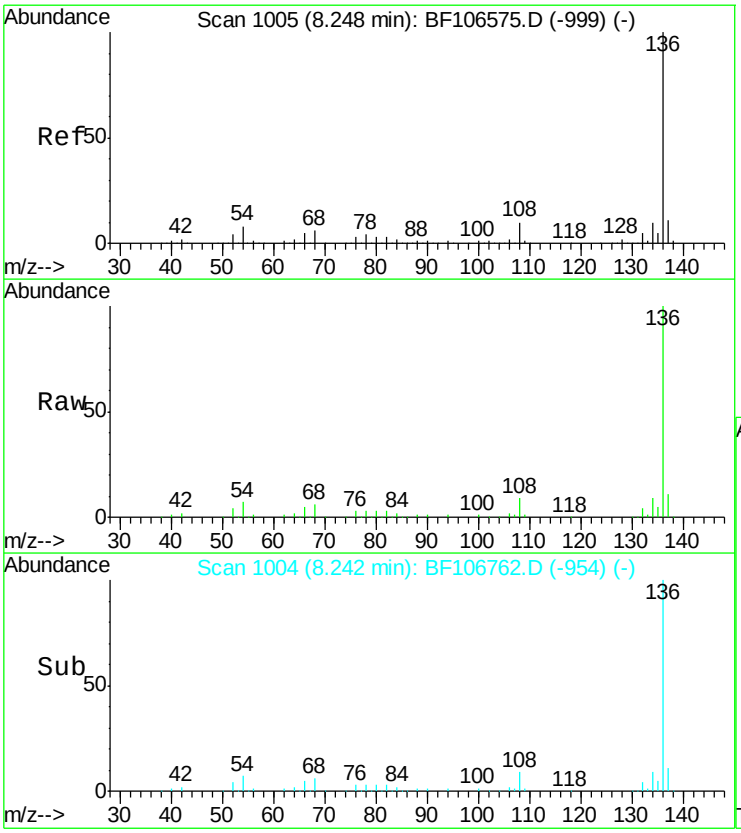
#19
n-Nitroso-di-n-propylamine
Concen: 13.732 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion: 70 Resp: 34720

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

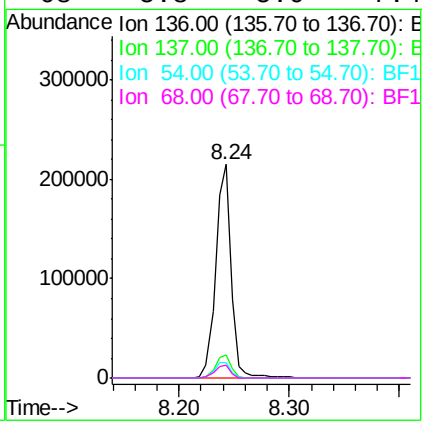


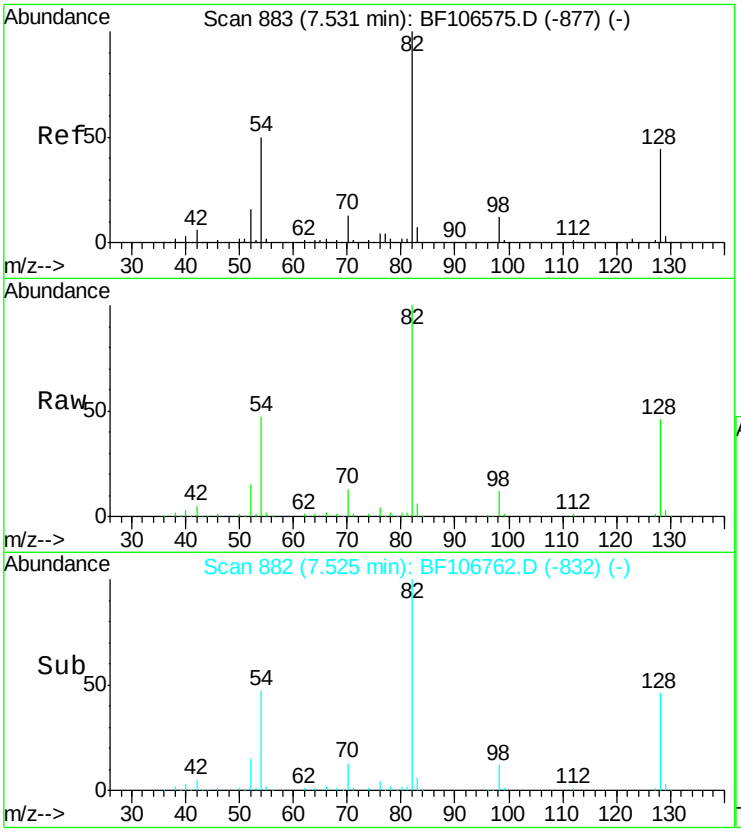


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:136 Resp: 208355

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4



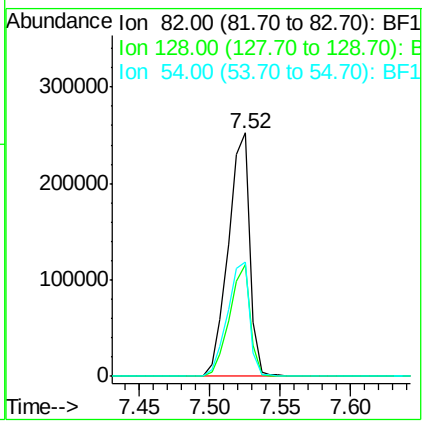


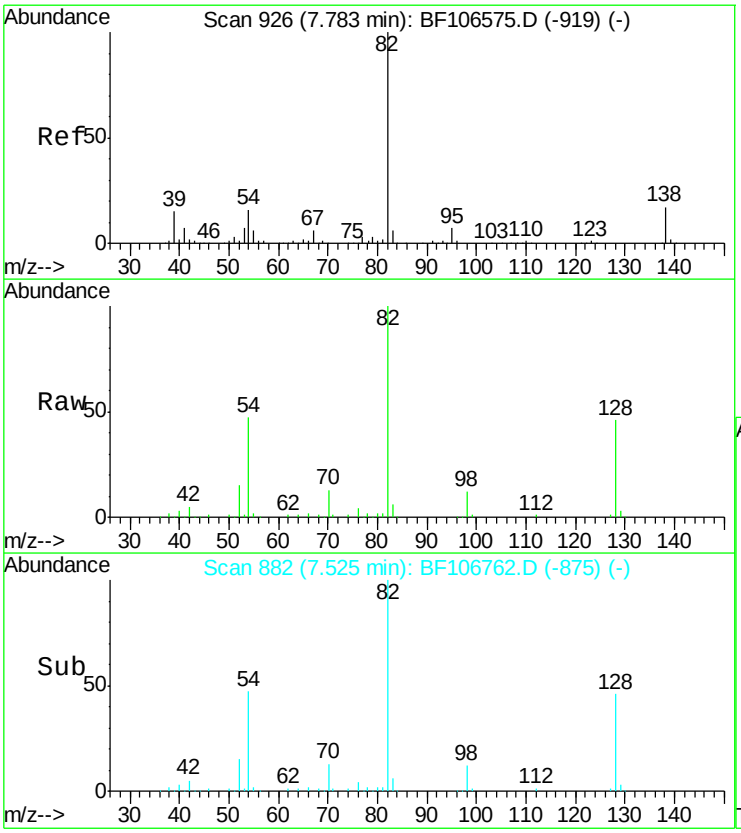
#23
Nitrobenzene-d5
Concen: 71.579 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion: 82 Resp: 268364

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	46.9	41.4	62.2

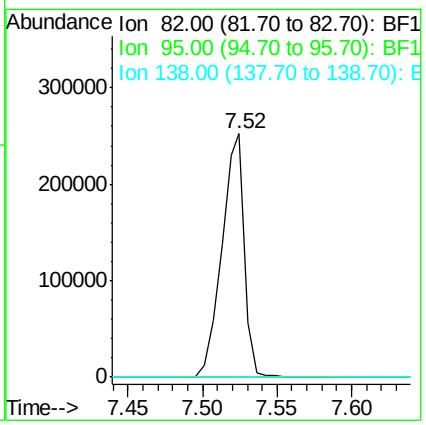


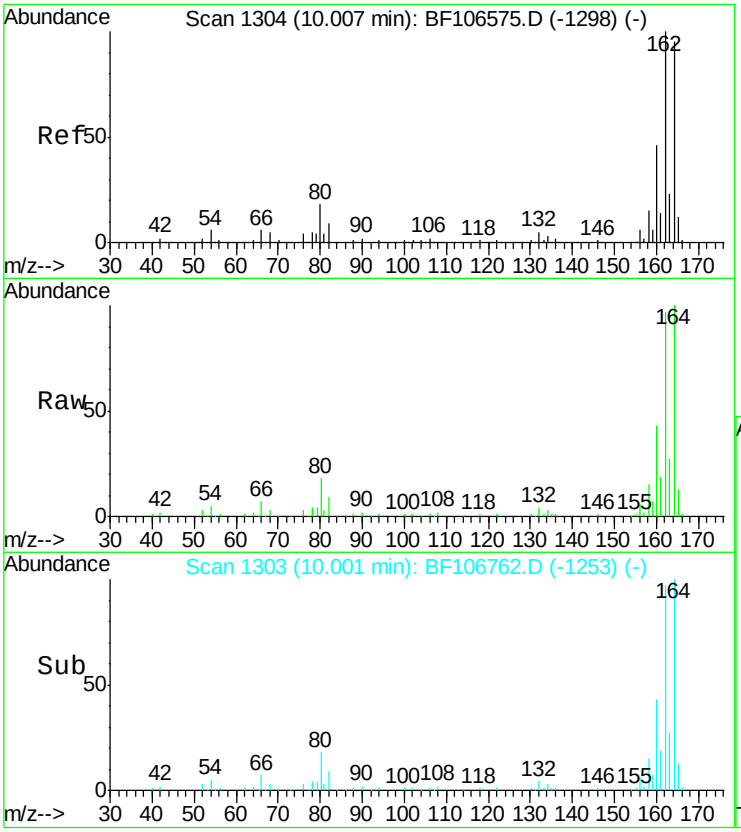


#25
Isophorone
Concen: 40.627 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion: 82 Resp: 268404

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



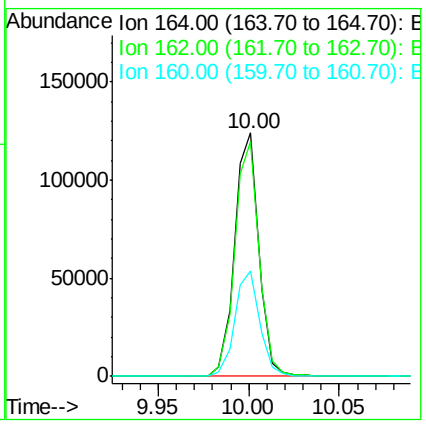


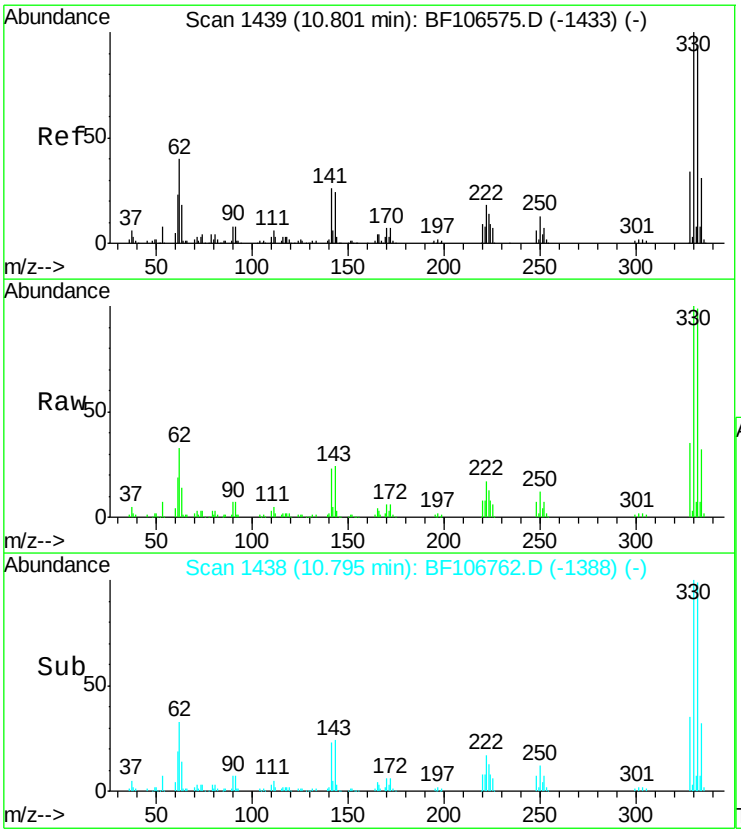
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:164 Resp: 115215

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	43.5	38.3	57.5

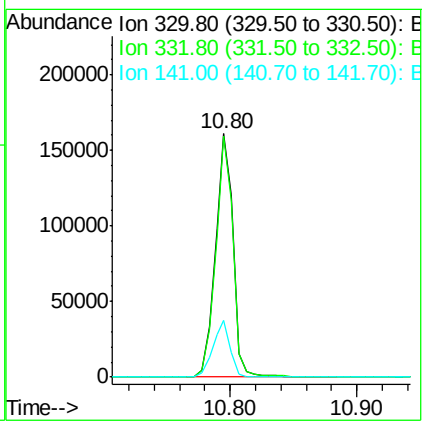


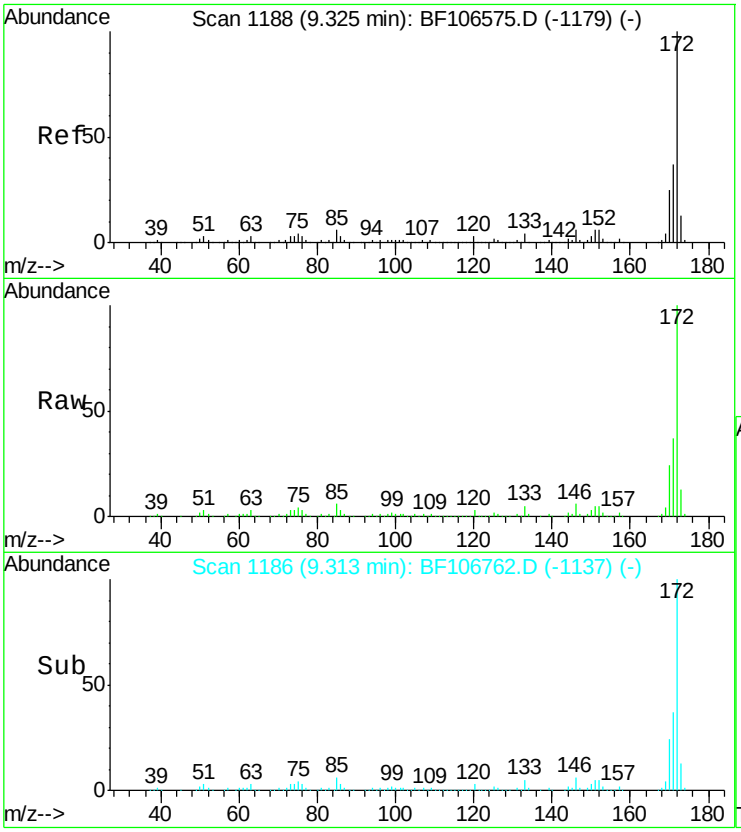


#41
2,4,6-Tribromophenol
Concen: 117.573 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:330 Resp: 157004

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	22.8	29.9	44.9#



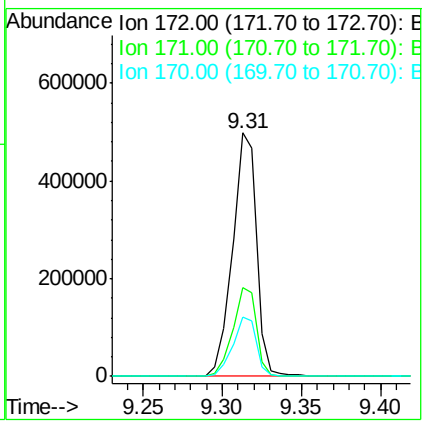


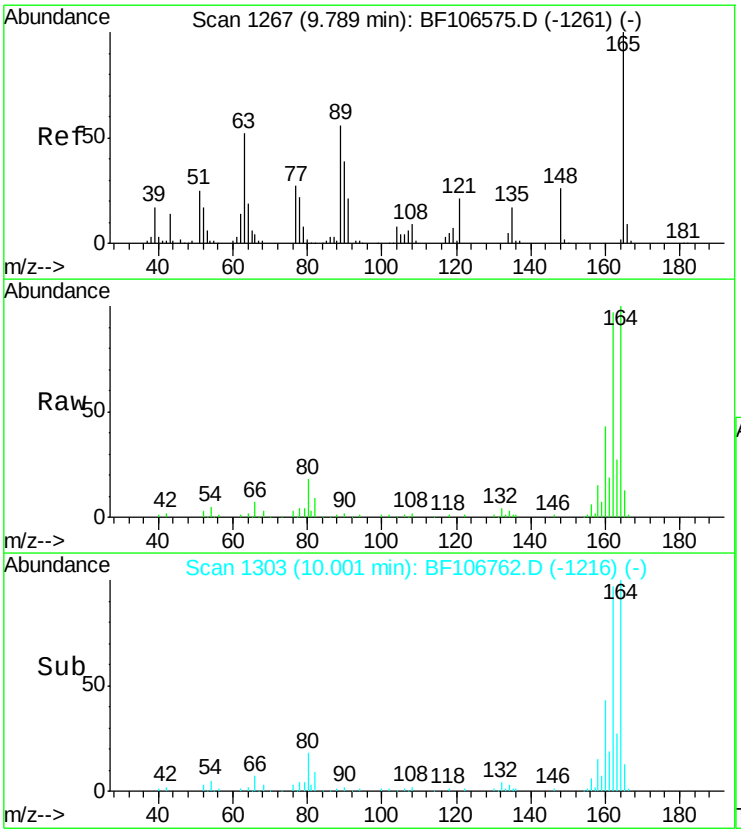
#44
2-Fluorobiphenyl
Concen: 75.165 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:172 Resp: 523256

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

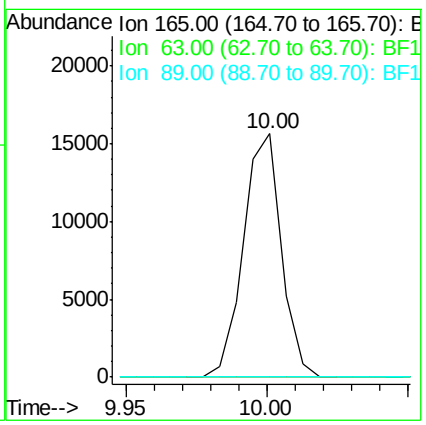


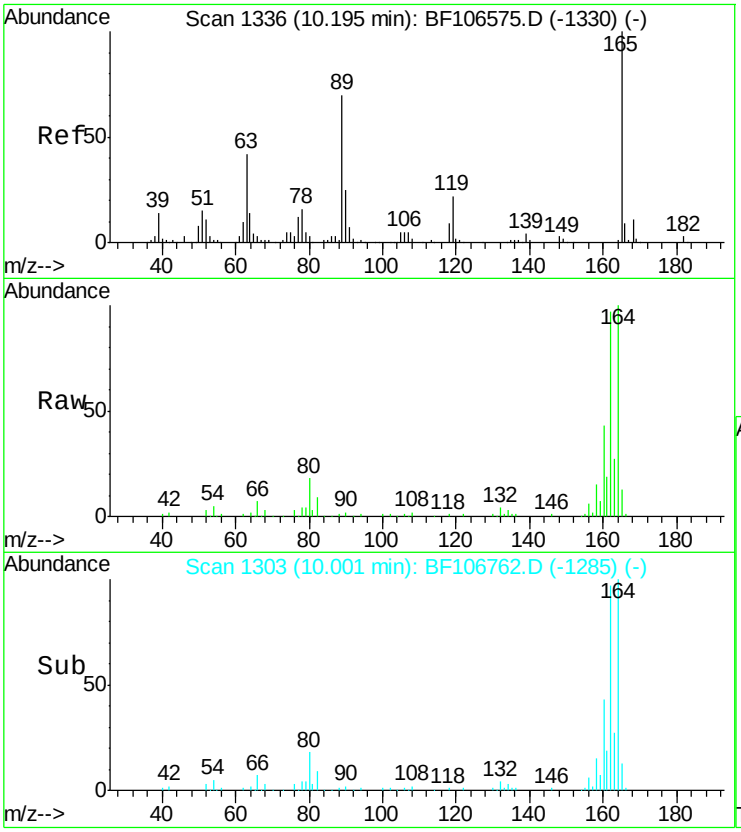


#50
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:165 Resp: 14528

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



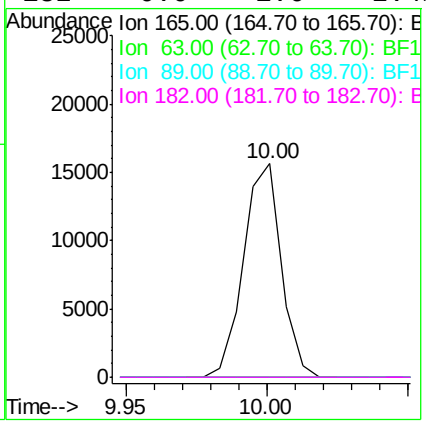


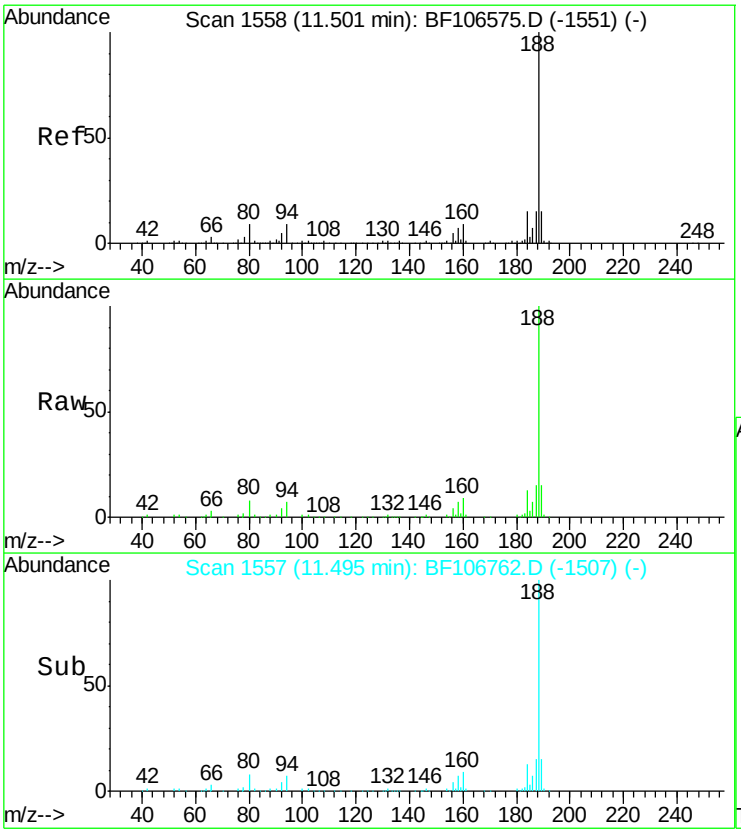
#56
2,4-Dinitrotoluene
Concen: 6.083 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:165 Resp: 14528

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#

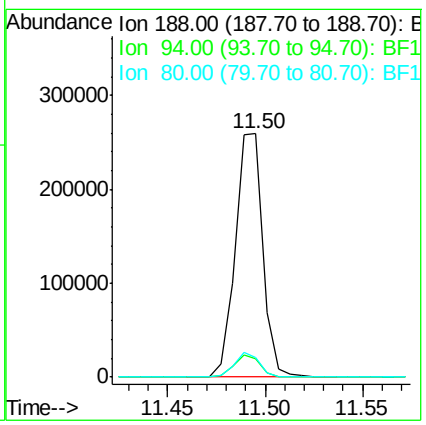


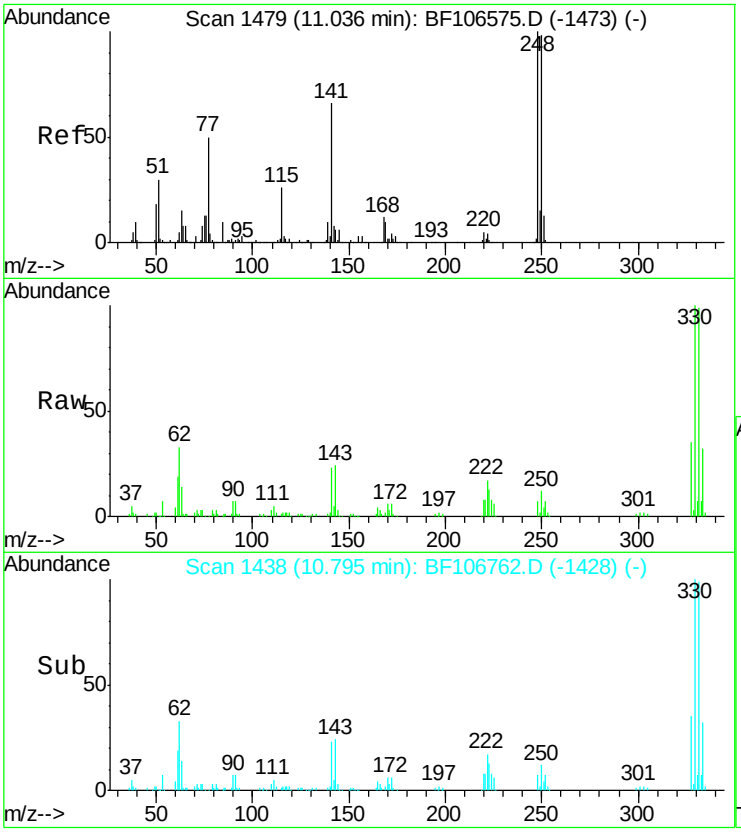


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:188 Resp: 252914

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	7.8	9.2	13.8#



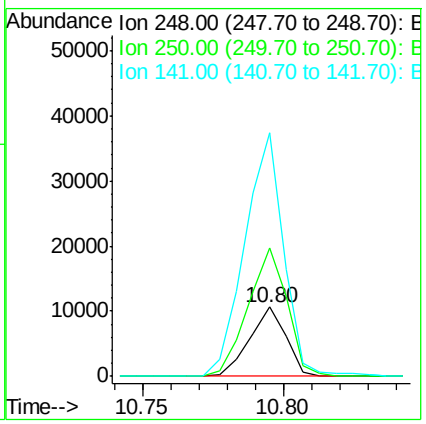


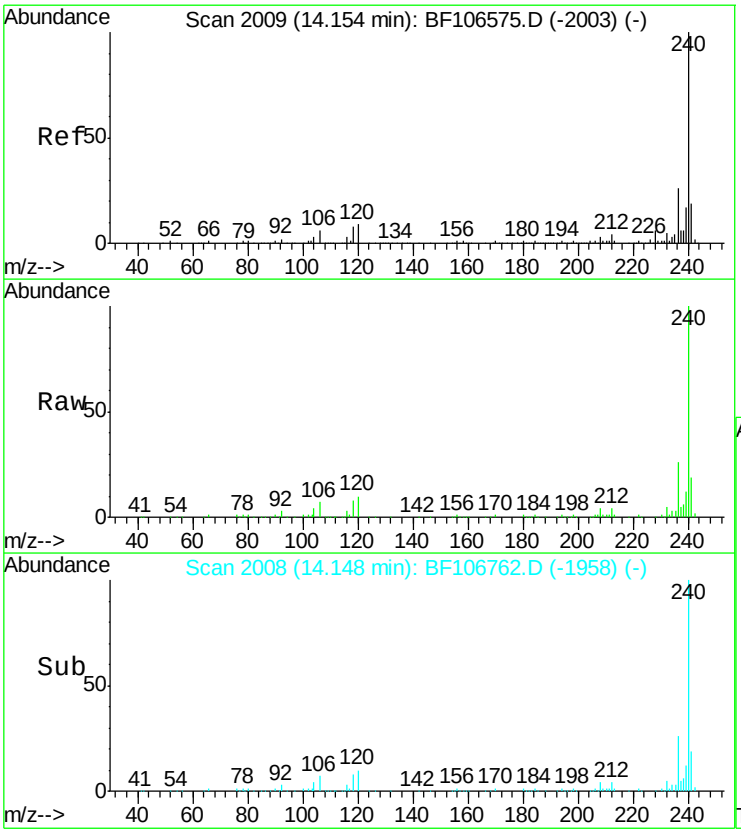
#66
4-Bromophenyl-phenylether
Concen: 3.144 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:248 Resp: 9490

Ion	Ratio	Lower	Upper
248	100		
250	185.4	76.9	115.3#
141	350.8	74.4	111.6#

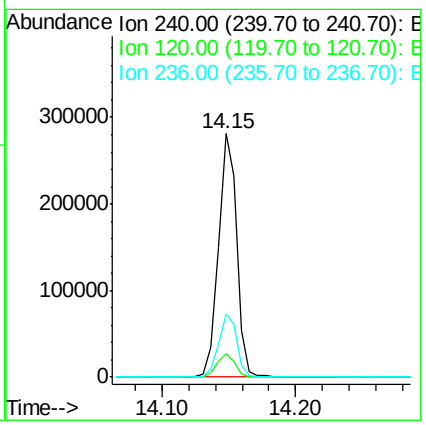


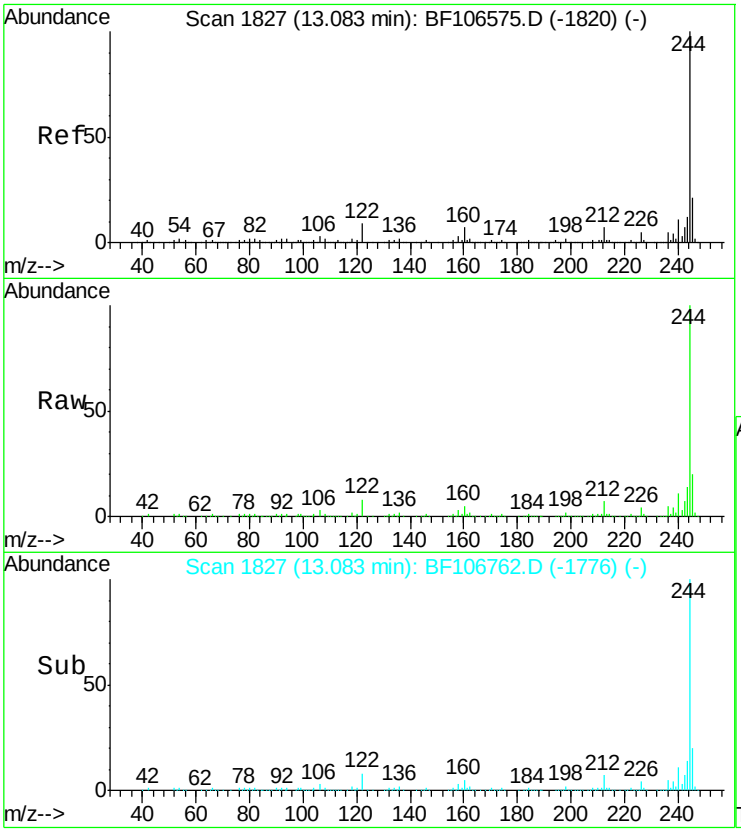


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:240 Resp: 271690

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.9	20.7	31.1



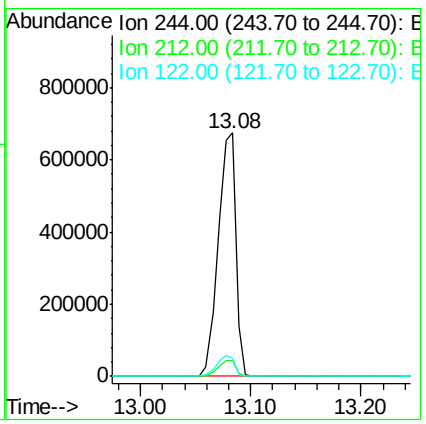


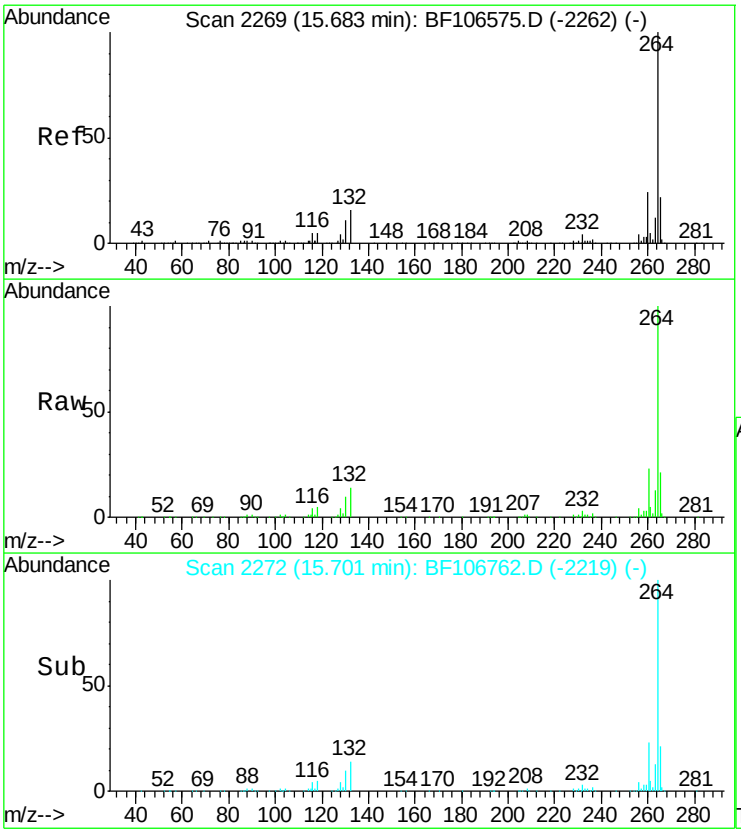
#78
Terphenyl-d14
Concen: 66.967 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110506BL

Tgt Ion:244 Resp: 751113

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	7.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF106762.D
Acq: 25 Jun 2018 11:06

Tgt Ion:264 Resp: 257449

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3