Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106766.D
Acq On : 25 Jun 2018 12:51
Operator : JU/SJ
Sample : J3627-25
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-CC-13

Quant Time: Jun 25 13:51:20 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	48840	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	191850	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	100783	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	193750	20.00	ng		0.00
75) Chrysene-d12	14.15	240	150834	20.00	ng		0.00
86) Perylene-d12	15.71	264	155115	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	265763	92.14	ng		0.00
7) Phenol-d6	6.61	99	348941	96.88	ng		0.00
23) Nitrobenzene-d5	7.52	82	226636	65.65	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	100255	85.83	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	459642	75.56	ng		0.00
78) Terphenyl-d14	13.08	244	493755	79.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	6050	2.006	ng		86
19) n-Nitroso-di-n-propylamine	7.52	70	28982	12.207	ng	#	74
25) Isophorone	7.52	82	226634	37.255	ng	#	64
49) Dimethylphthalate	9.71	163	32205	4.261	ng		99
50) 2,6-Dinitrotoluene	10.00	165	12443	7.774	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	12443	5.956	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	6079	2.629	ng	#	1

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

Quantitation Report (Not Reviewed)

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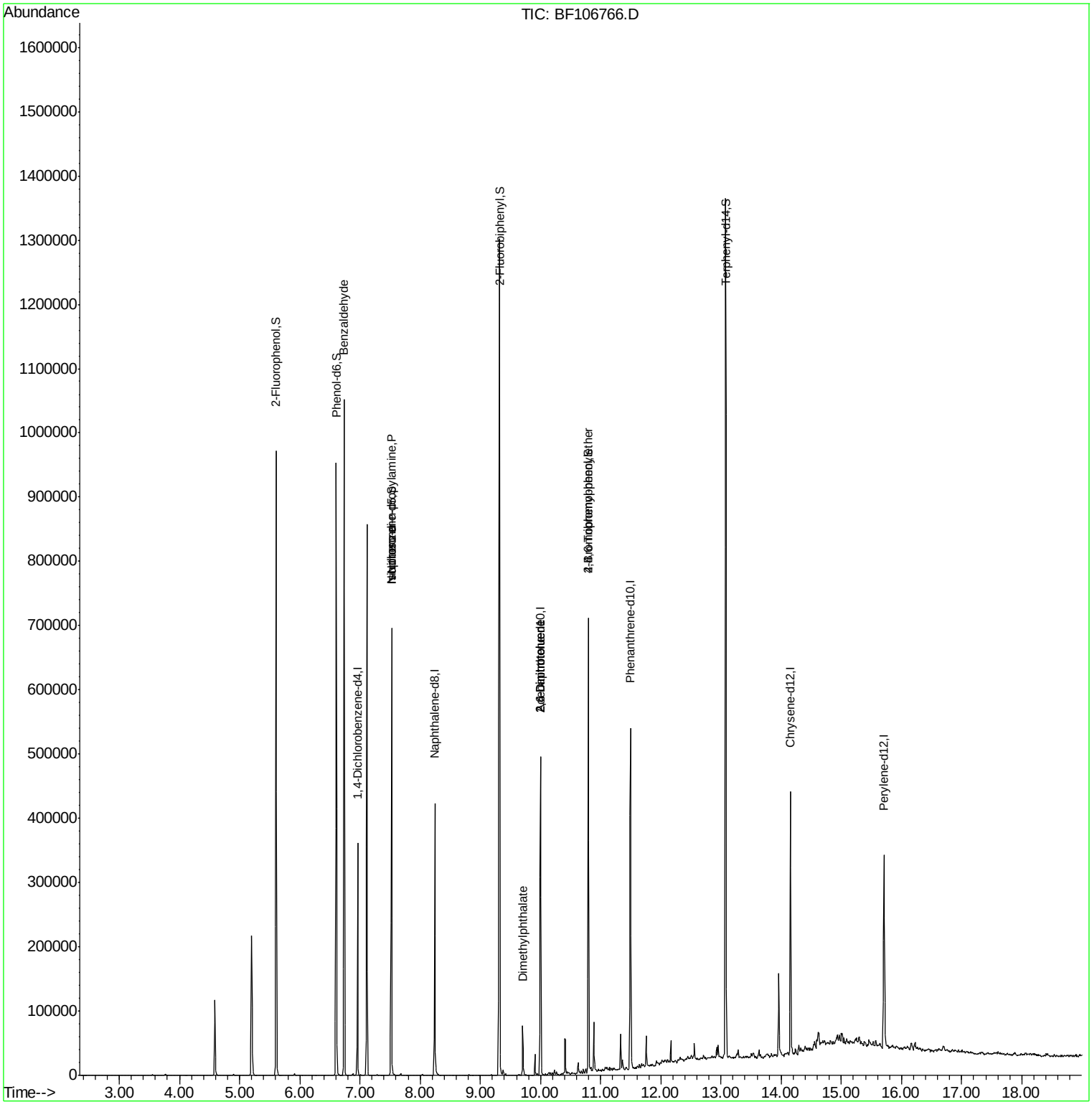
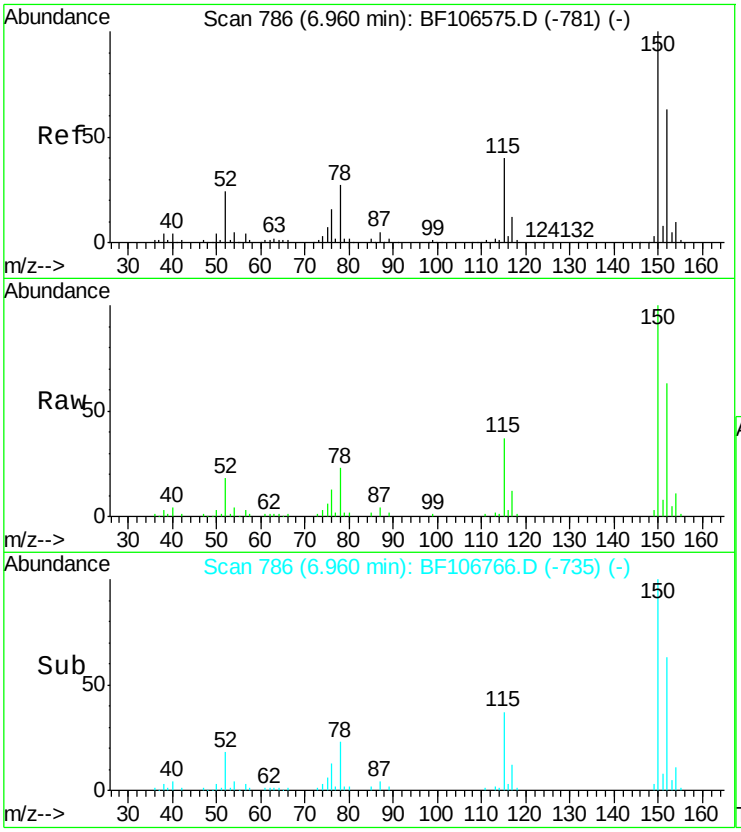


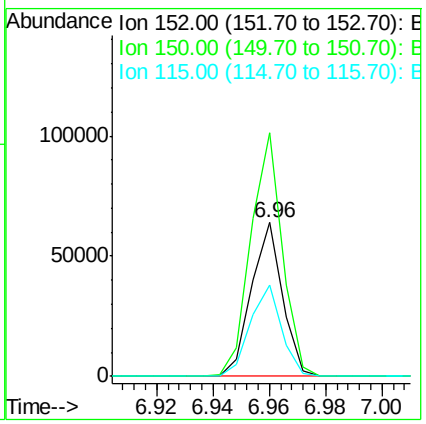


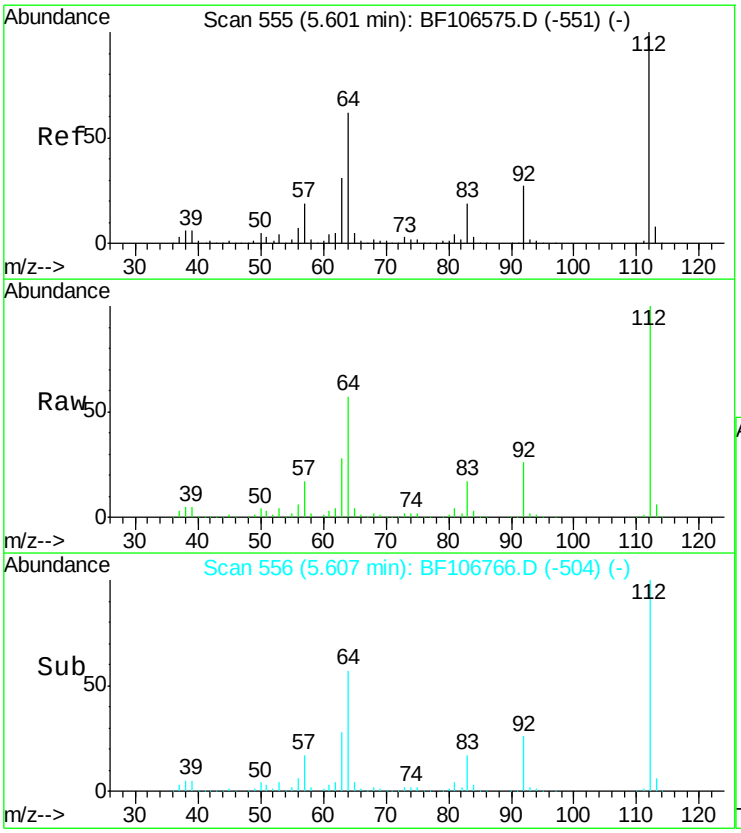
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:152 Resp: 48840

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	59.3	50.1	75.1

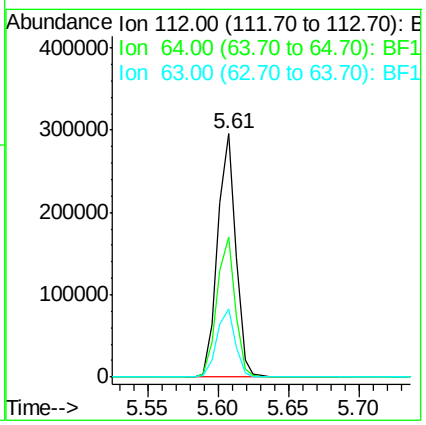


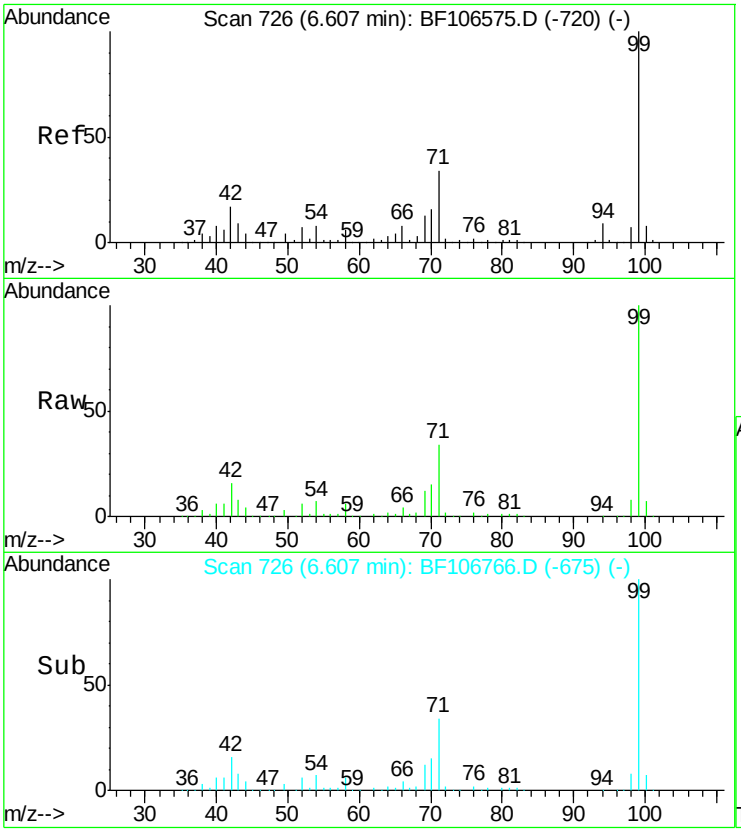


#5
2-Fluorophenol
Concen: 92.142 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:112 Resp: 265763

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	27.9	23.7	35.5



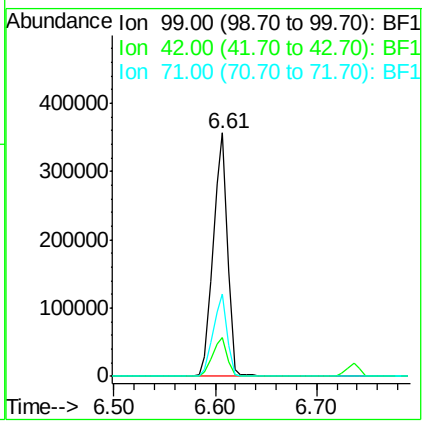


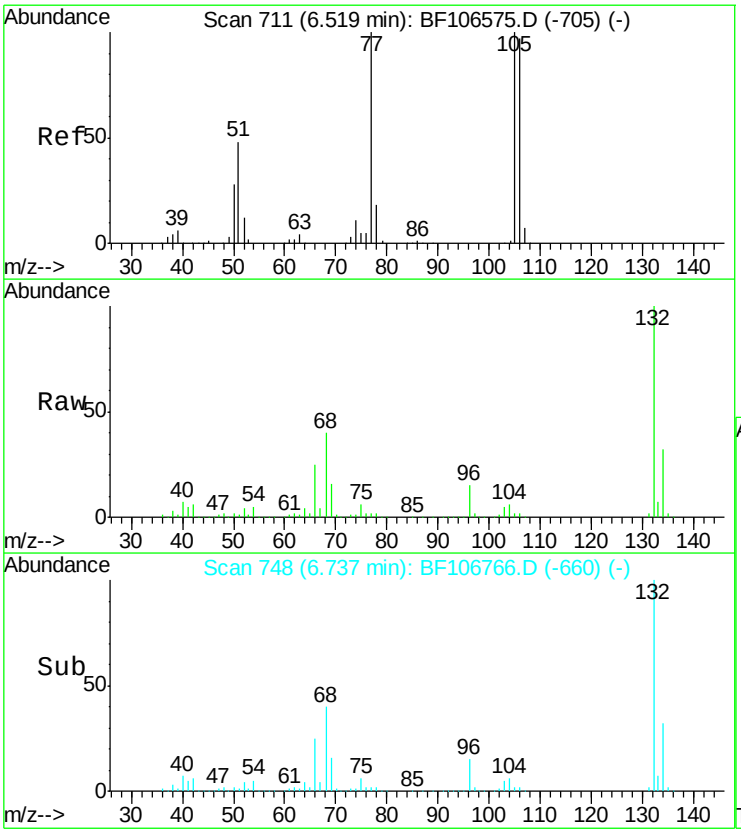
#7
Phenol-d6
Concen: 96.877 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion: 99 Resp: 348941

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.9	25.4	38.0

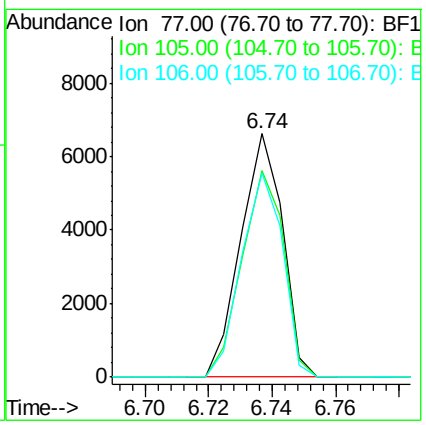


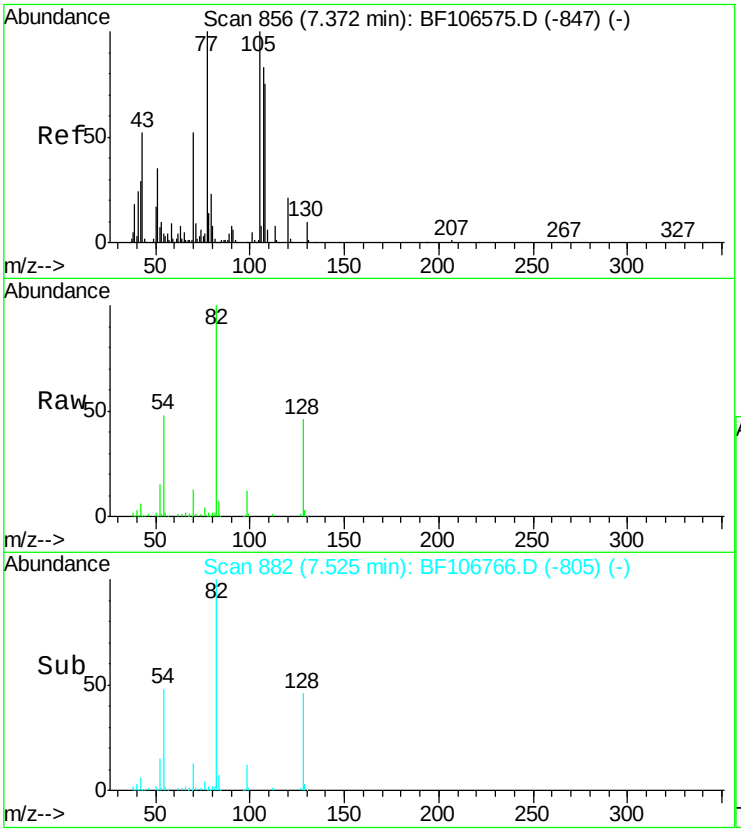


#9
Benzaldehyde
Concen: 2.006 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion: 77 Resp: 6050

Ion	Ratio	Lower	Upper
77	100		
105	84.8	81.1	121.1
106	83.6	74.5	114.5



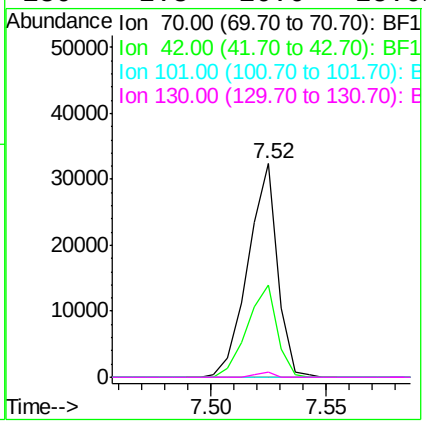


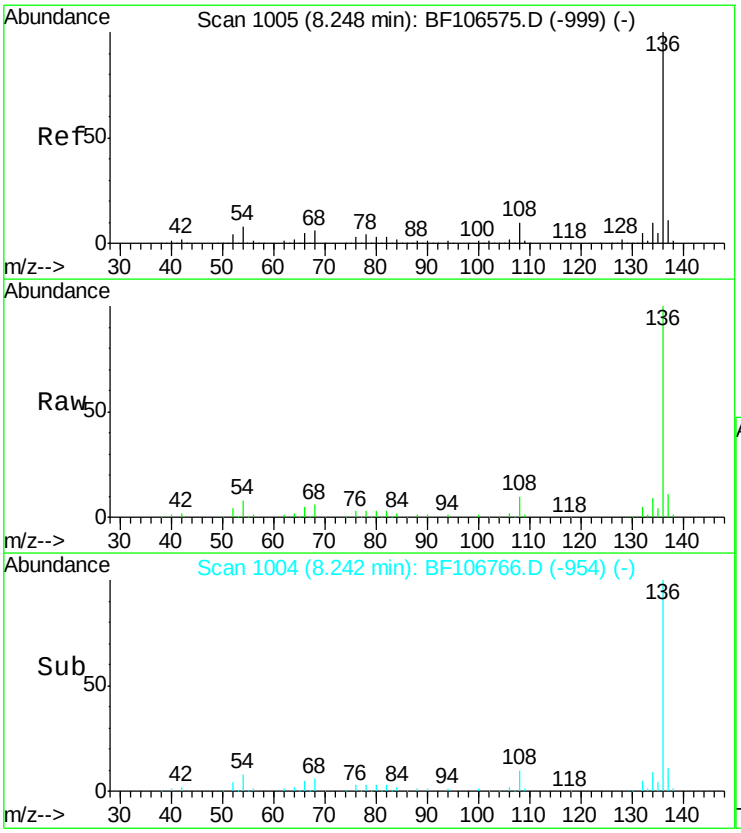
#19
n-Nitroso-di-n-propylamine
Concen: 12.207 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion: 70 Resp: 28982

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

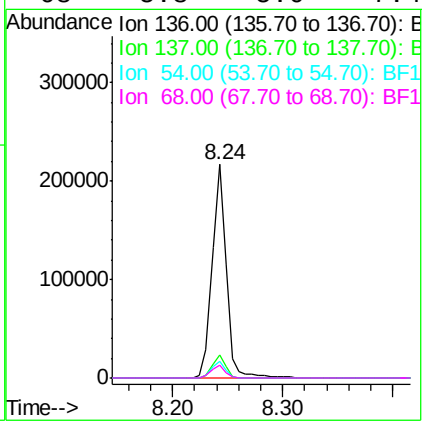


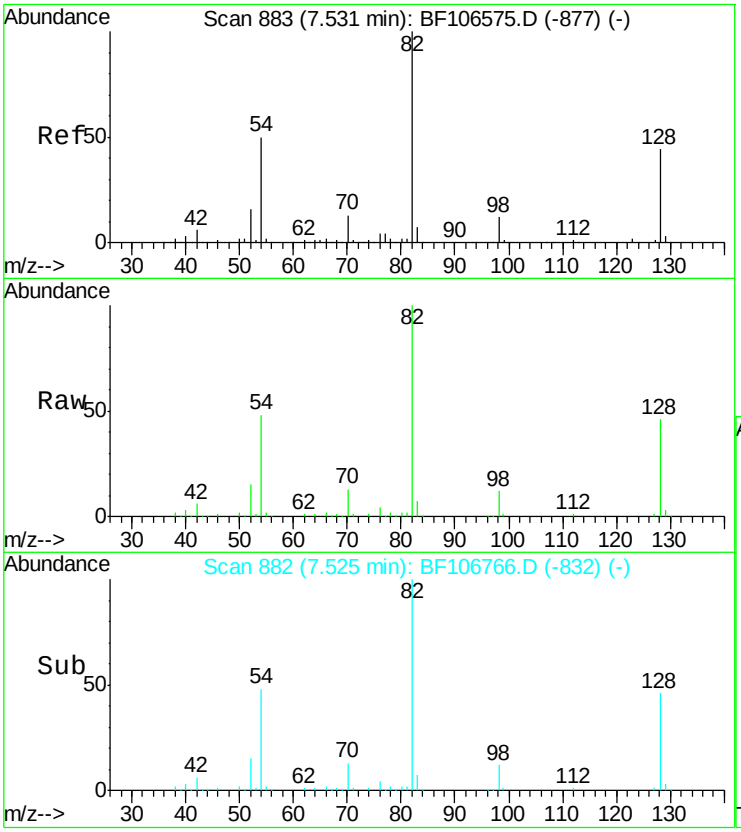


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:136 Resp: 191850

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.6	9.8
68	5.8	5.0	7.4



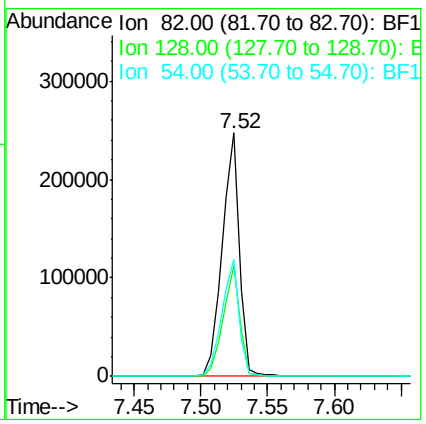


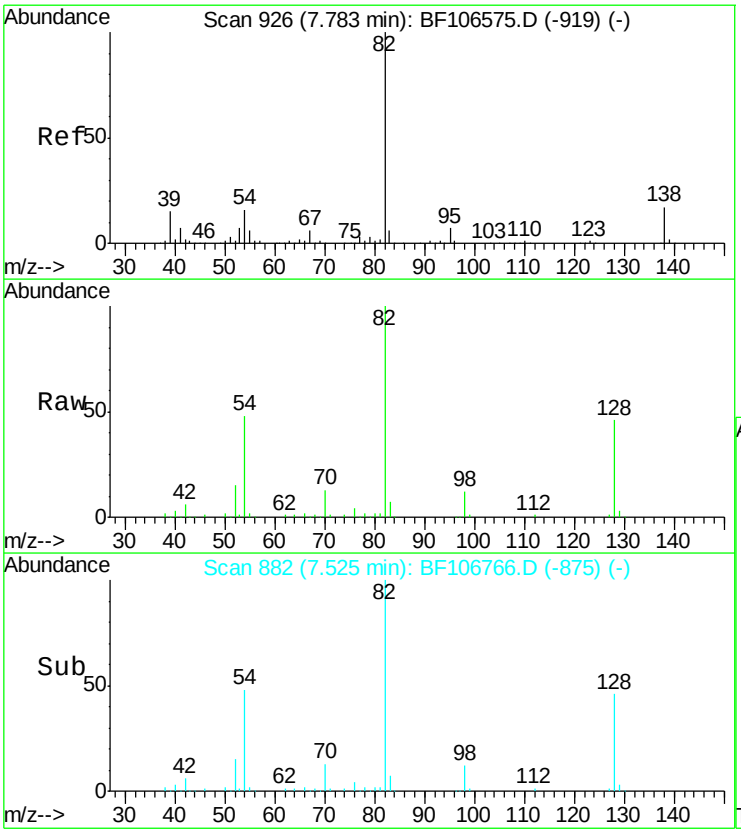
#23
Nitrobenzene-d5
Concen: 65.650 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion: 82 Resp: 226636

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.9	41.4	62.2

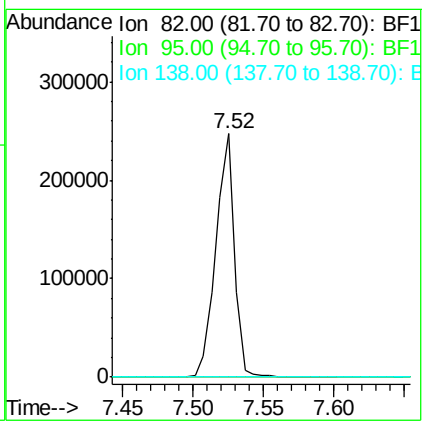


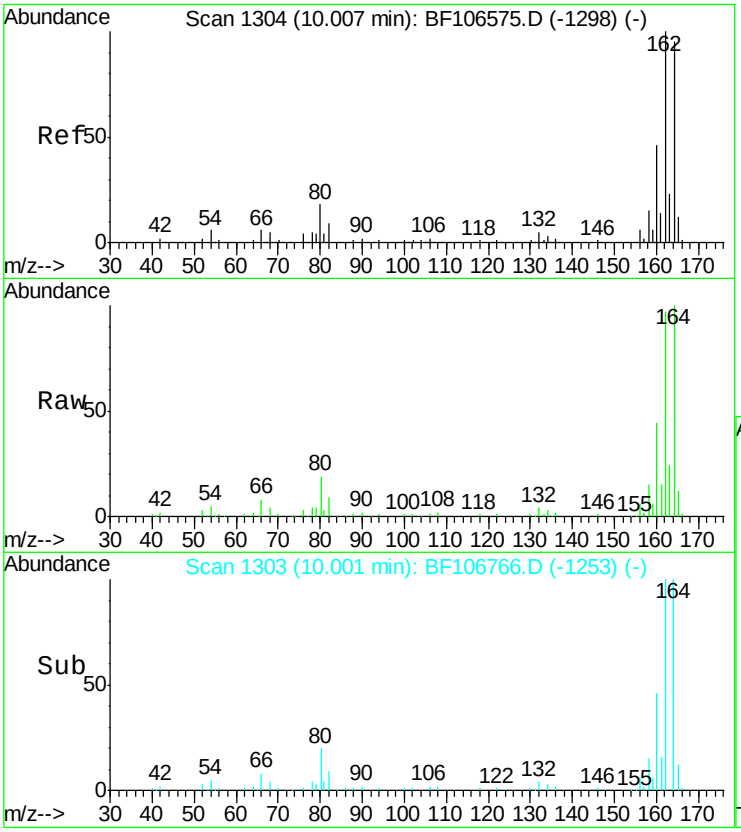


#25
Isophorone
Concen: 37.255 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion: 82 Resp: 226634

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



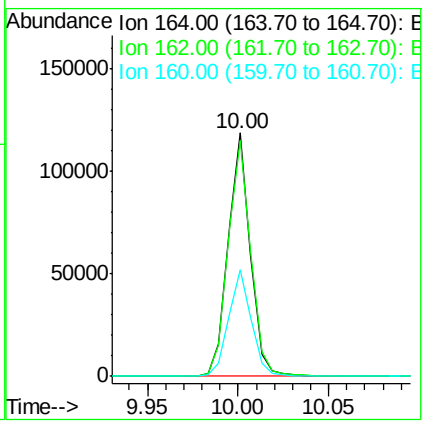


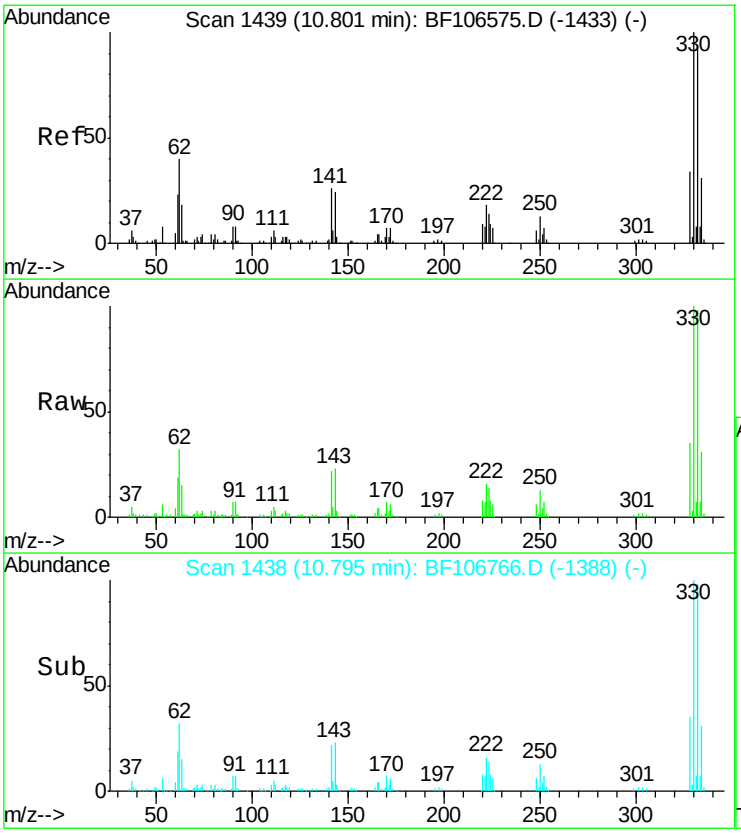
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:164 Resp: 100783

Ion	Ratio	Lower	Upper
164	100		
162	97.0	86.1	129.1
160	44.0	38.3	57.5

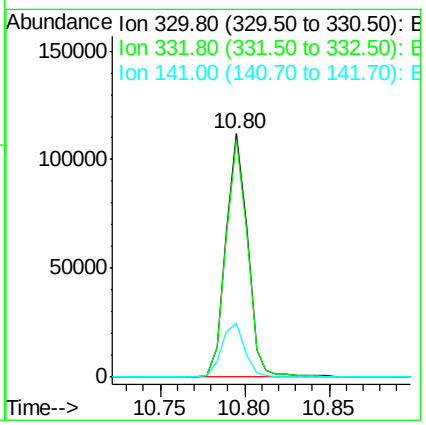


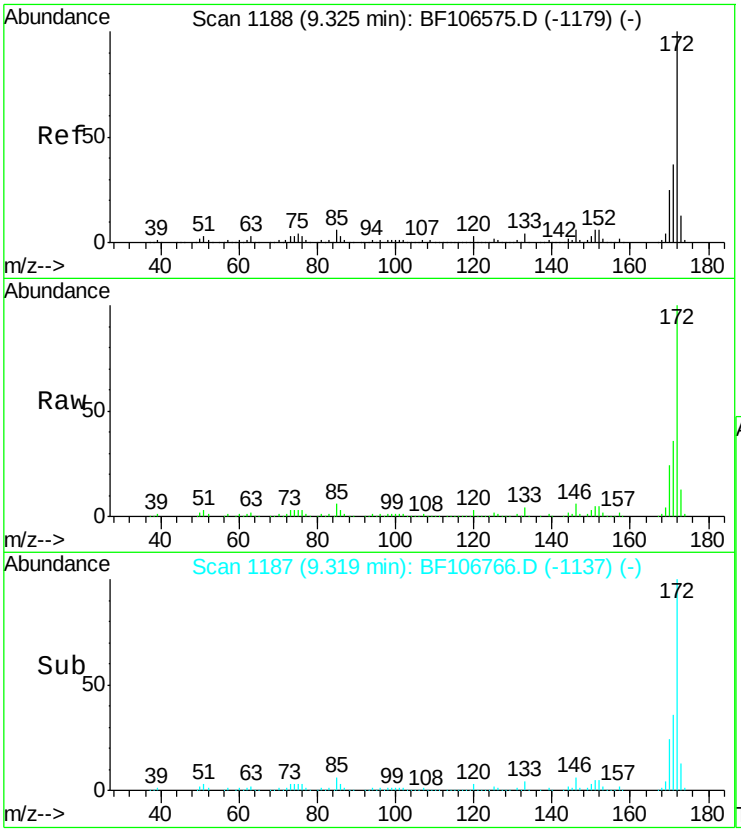


#41
2,4,6-Tribromophenol
Concen: 85.827 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:330 Resp: 100255

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	23.7	29.9	44.9#



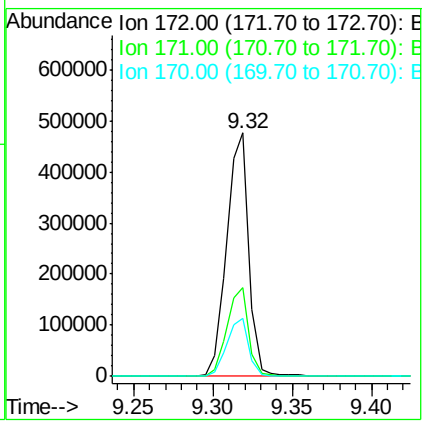


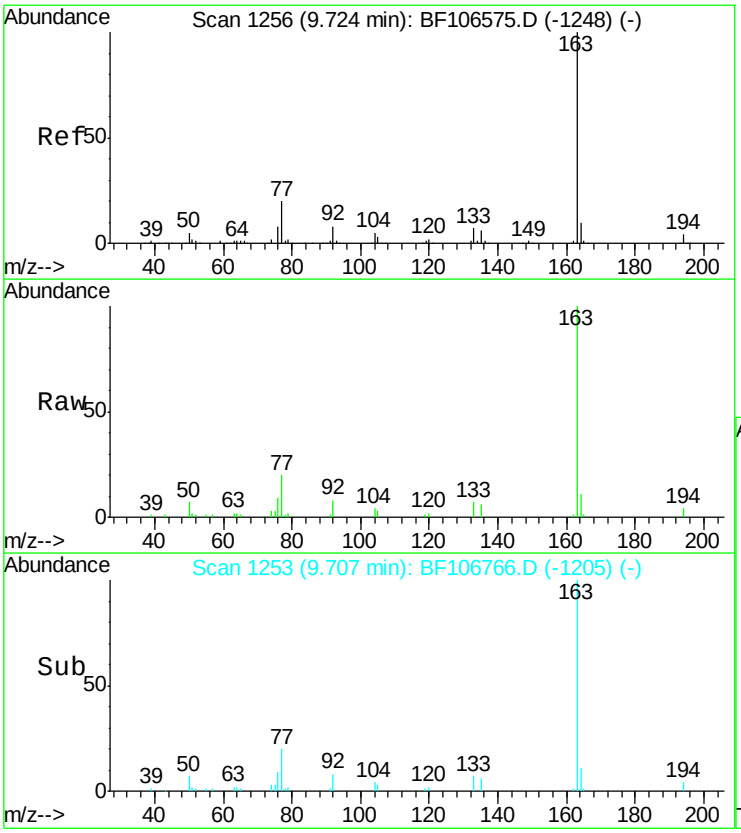
#44
2-Fluorobiphenyl
Concen: 75.557 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:172 Resp: 459642

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	19.6	29.4

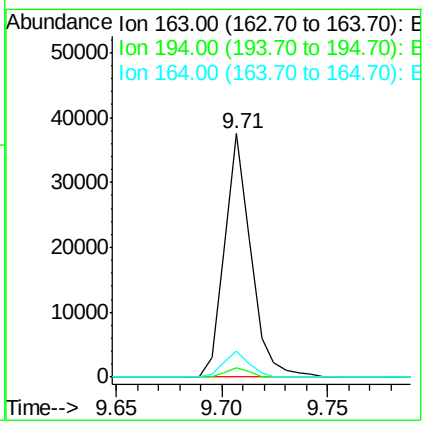


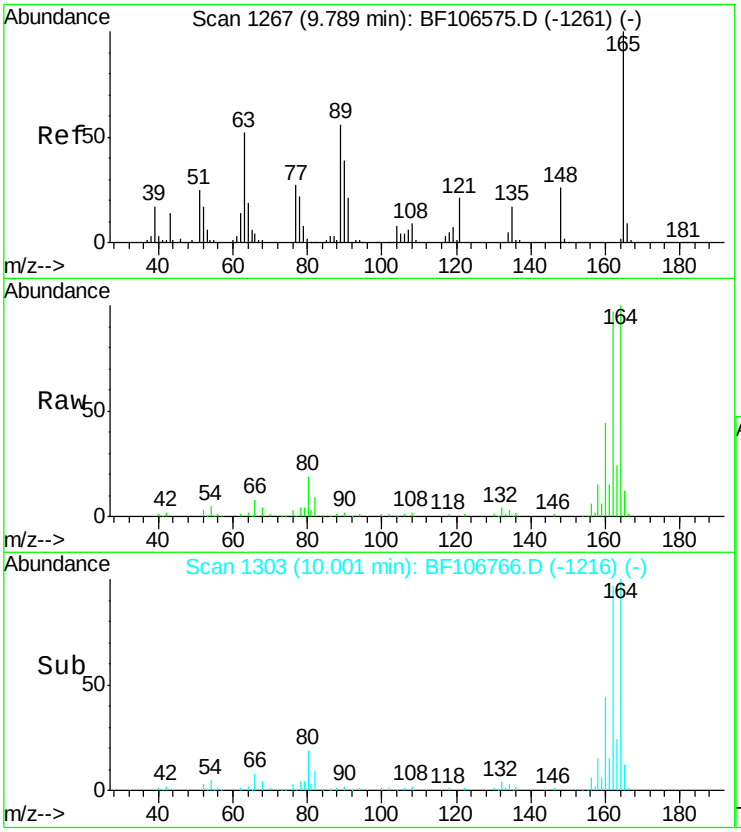


#49
Dimethylphthalate
Concen: 4.261 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:163 Resp: 32205

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2



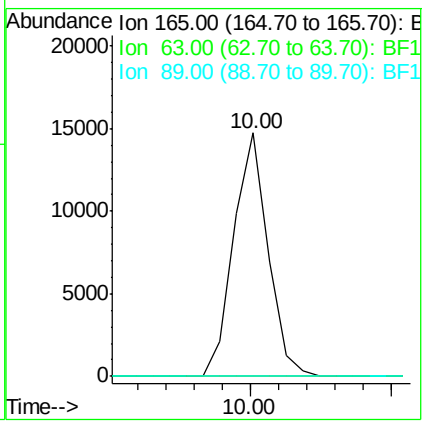


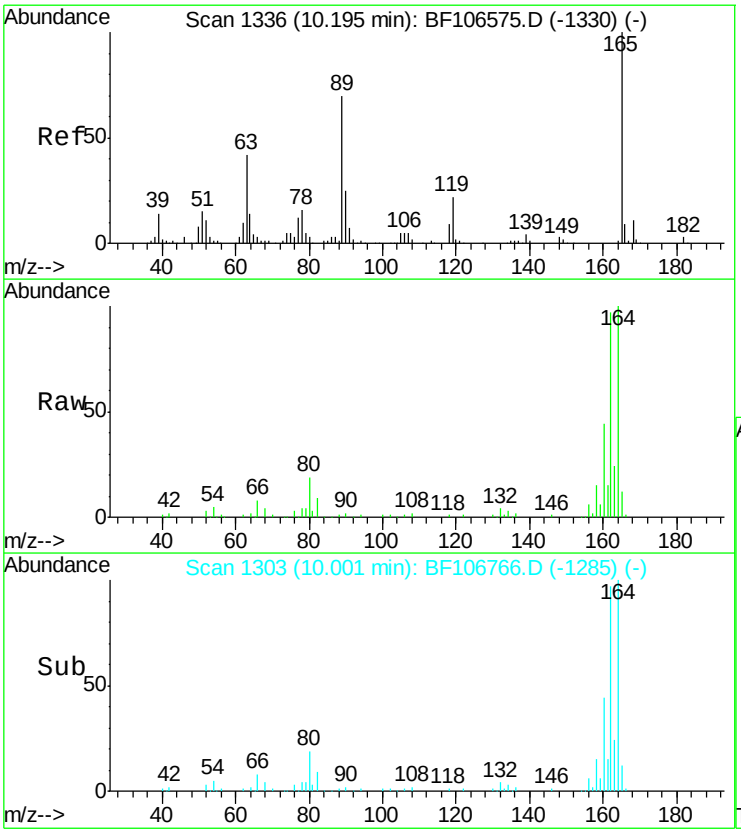
#50
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:165 Resp: 12443

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

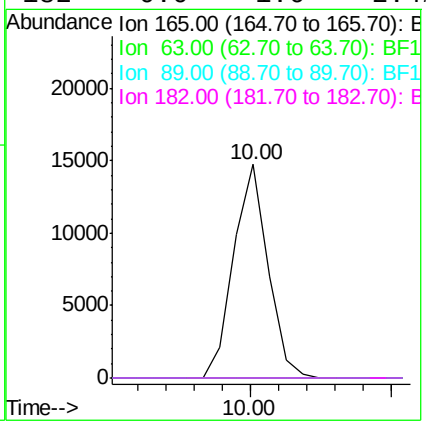


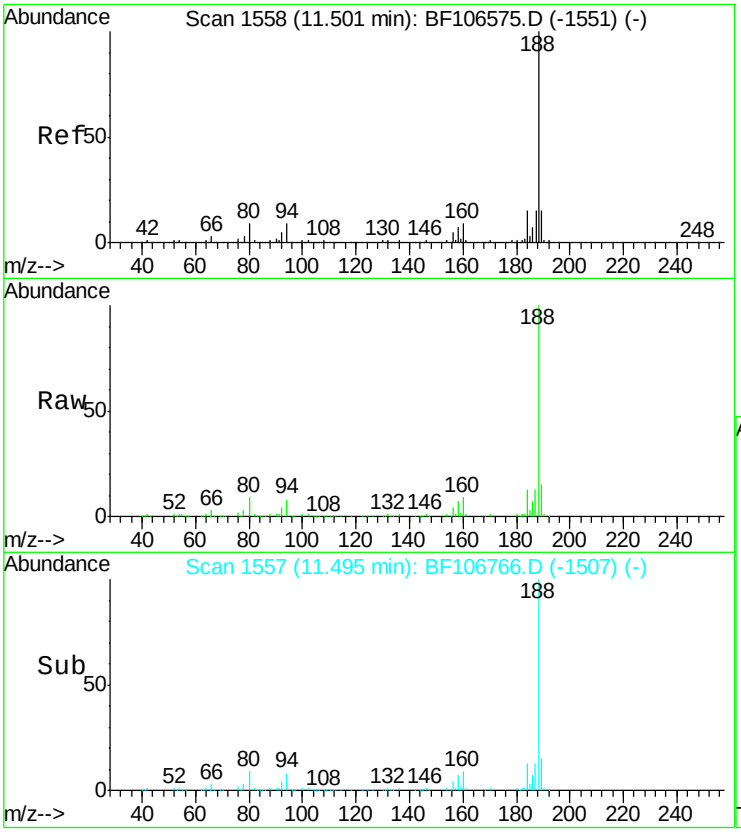


#56
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:165 Resp: 12443

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#



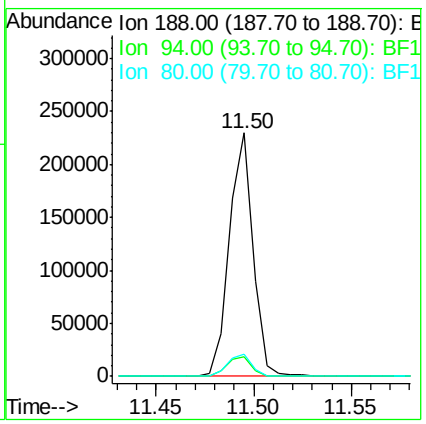


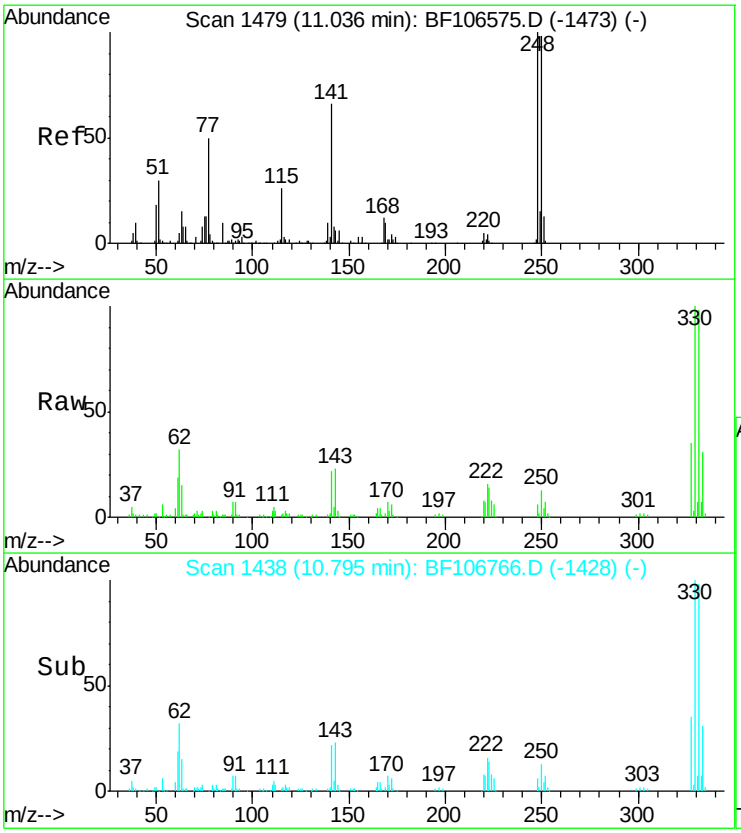
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument : BNA_F
ClientSampleId : 26KV-CC-13

Tgt Ion:188 Resp: 193750

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#

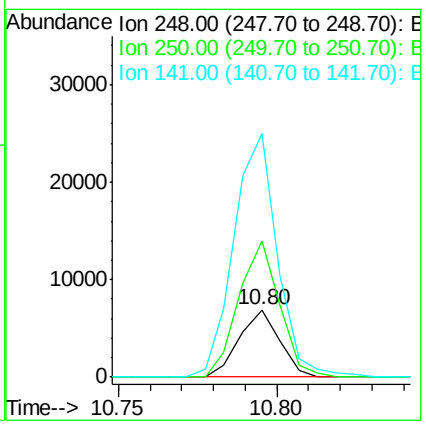


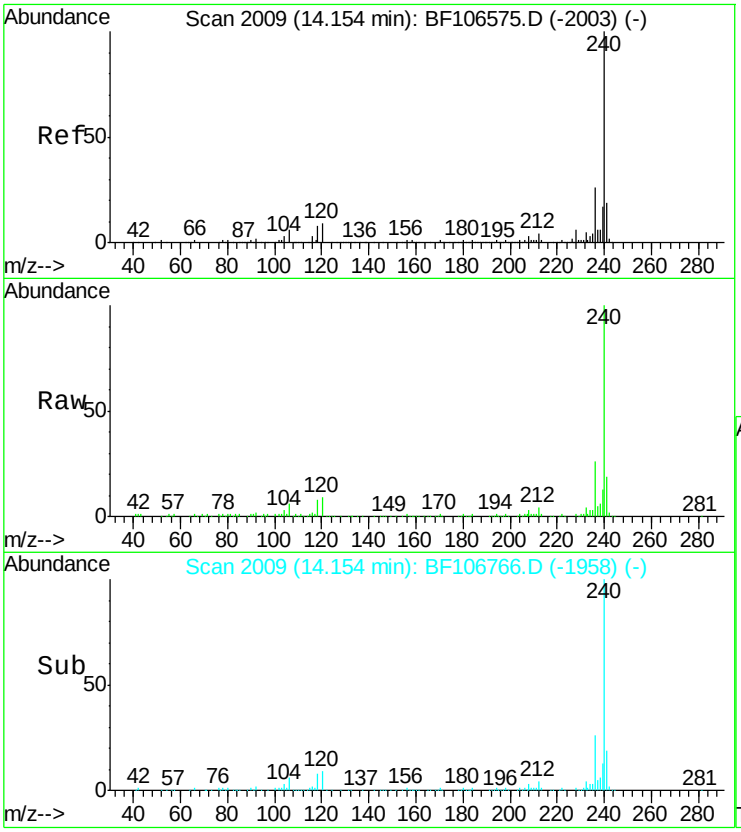


#66
4-Bromophenyl-phenylether
Concen: 2.629 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:248 Resp: 6079

Ion	Ratio	Lower	Upper
248	100		
250	203.1	76.9	115.3#
141	362.0	74.4	111.6#



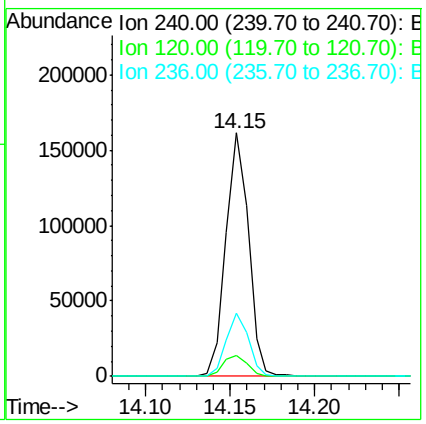


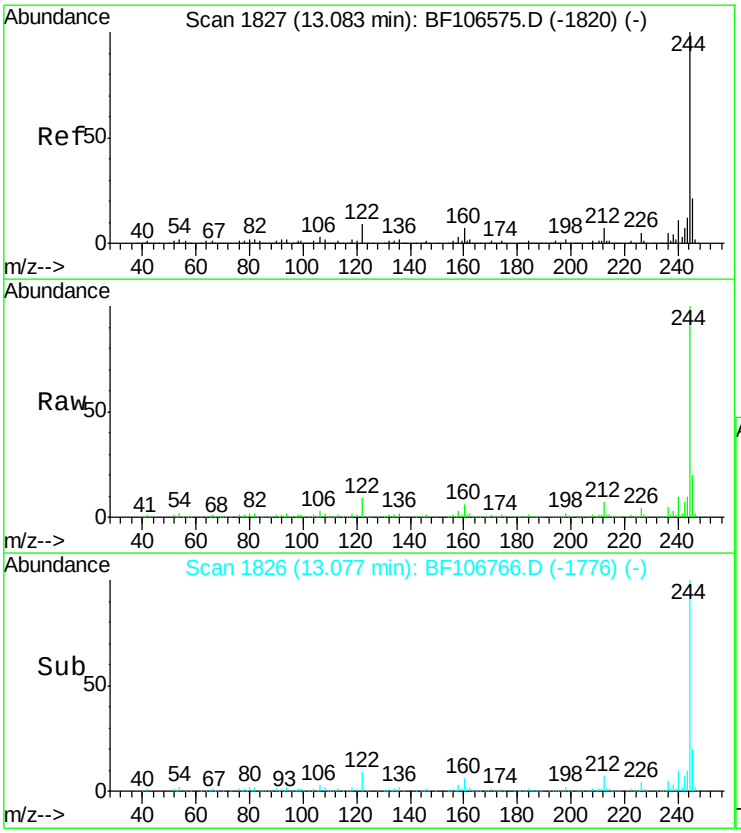
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:240 Resp: 150834

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.8	20.7	31.1

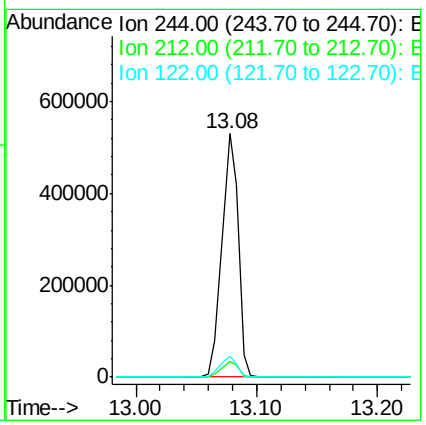


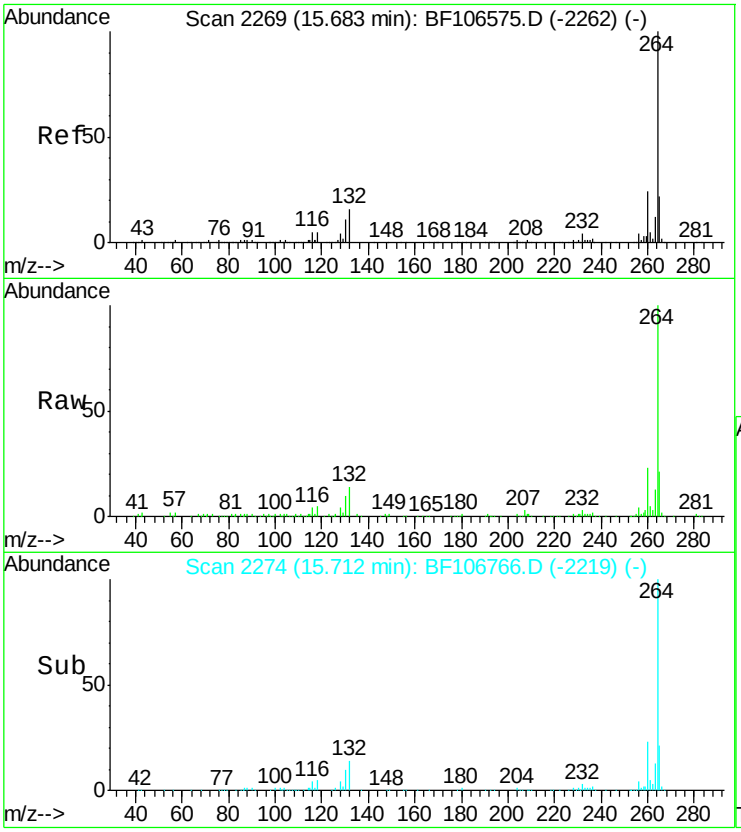


#78
Terphenyl-d14
Concen: 79.294 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Tgt Ion:244 Resp: 493755

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF106766.D
Acq: 25 Jun 2018 12:51

Instrument :
BNA_F
ClientSampleId :
26KV-CC-13

Tgt Ion:264 Resp: 155115

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3