Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106745.D
Acq On : 23 Jun 2018 8:12
Operator : JU/SJ
Sample : J3597-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-22

Quant Time: Jun 25 01:18:09 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	44314	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148033	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	63300	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	128100	20.00	ng	0.00
75) Chrysene-d12	14.14	240	139173	20.00	ng	-0.01
86) Perylene-d12	15.68	264	99556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	158311	60.49	ng	0.00
7) Phenol-d6	6.60	99	119084	36.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	238551	89.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	100664	137.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	399590	111.44	ng	0.00
78) Terphenyl-d14	13.08	244	498002	86.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	5646	2.061	ng	# 82
19) n-Nitroso-di-n-propylamine	7.52	70	30553	14.183	ng	# 74
25) Isophorone	7.52	82	238546	50.821	ng	# 64
49) Dimethylphthalate	9.71	163	12730	2.681	ng	98
50) 2,6-Dinitrotoluene	10.00	165	8228	8.184	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8228	6.270	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6270	4.101	ng	# 1

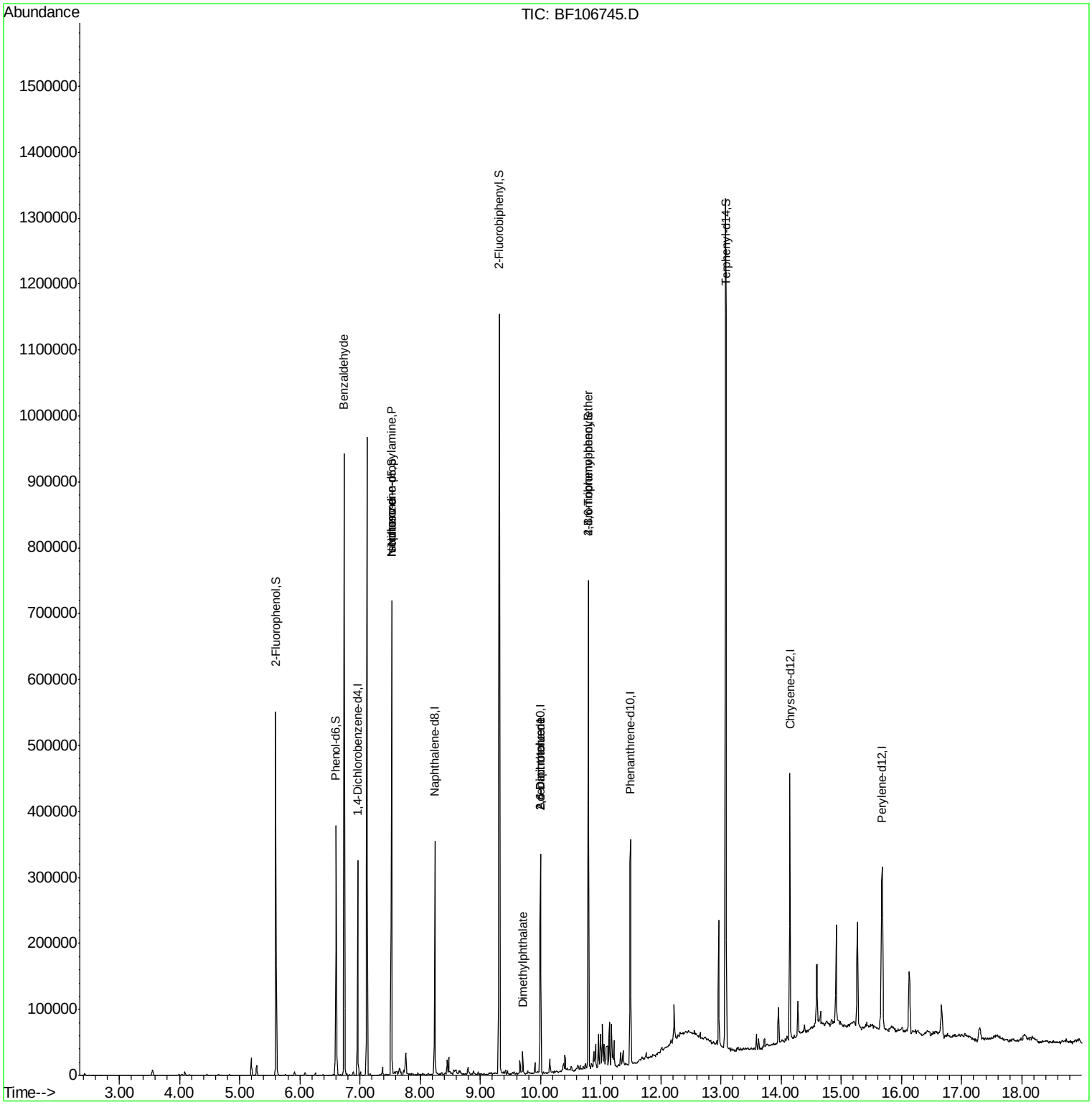
(#) = qualifier out of range (m) = manual integration (+) = signals summed

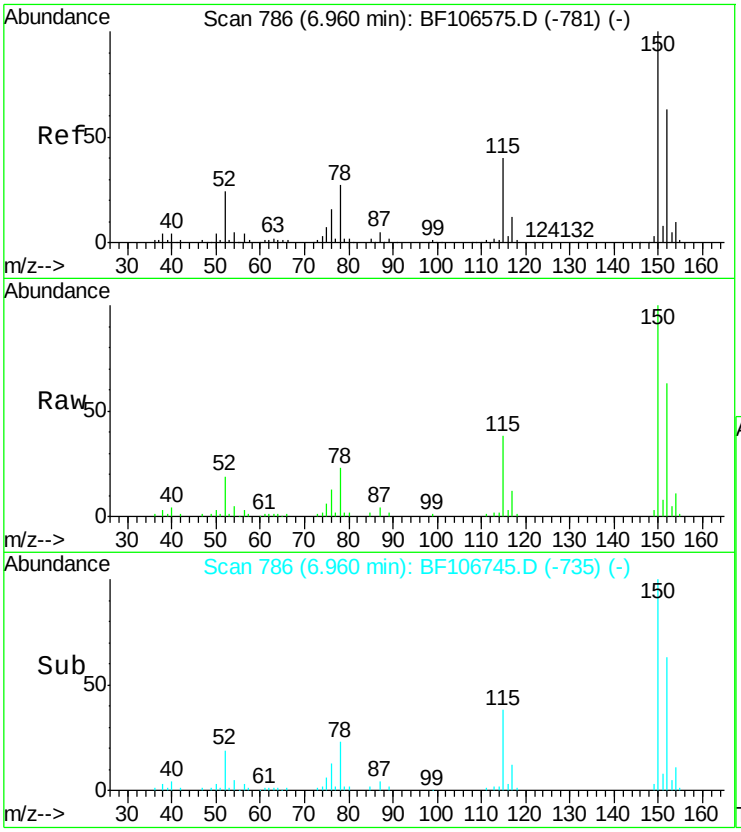
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106745.D
Acq On : 23 Jun 2018 8:12
Operator : JU/SJ
Sample : J3597-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

Quant Time: Jun 25 01:18:09 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



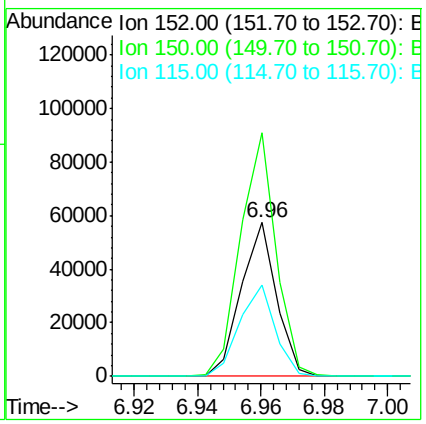


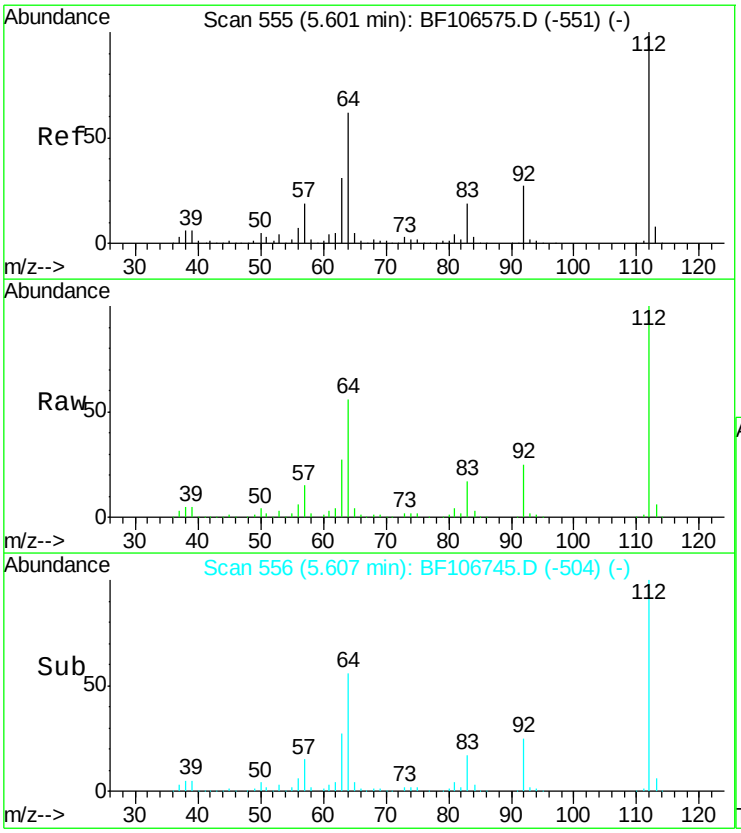
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:152 Resp: 44314

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	59.4	50.1	75.1

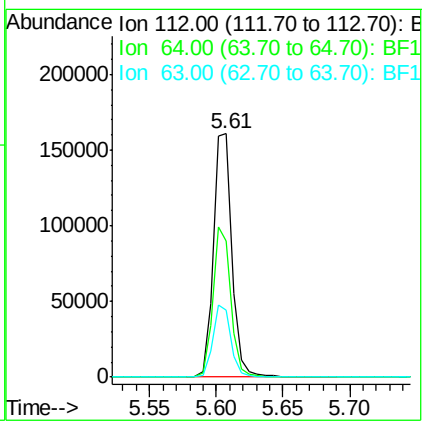


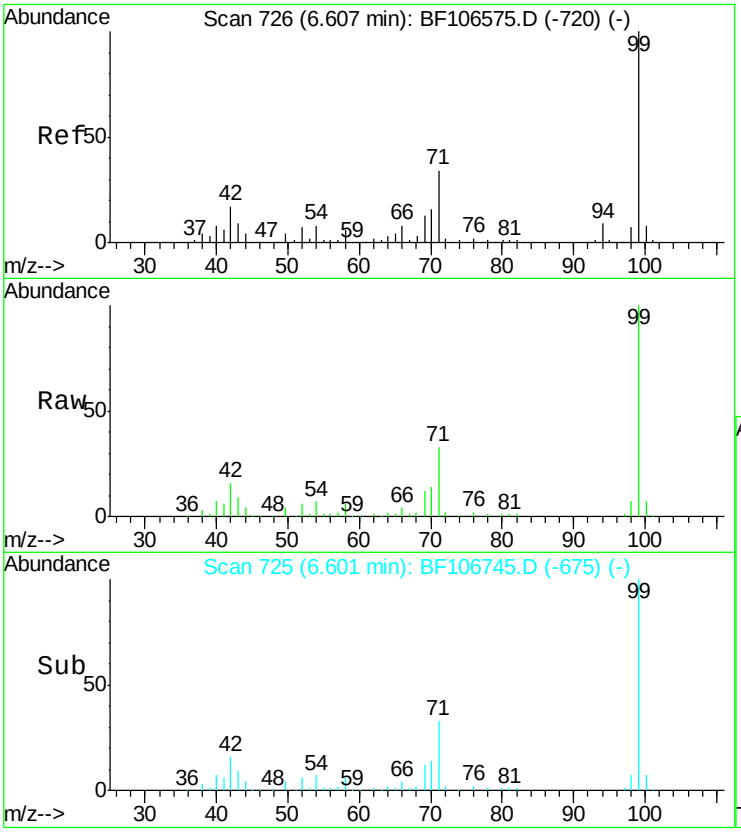


#5
2-Fluorophenol
Concen: 60.493 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:112 Resp: 158311

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



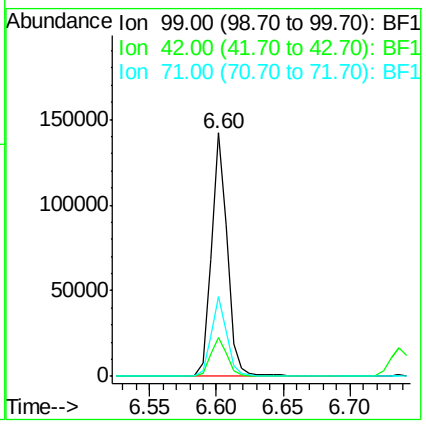


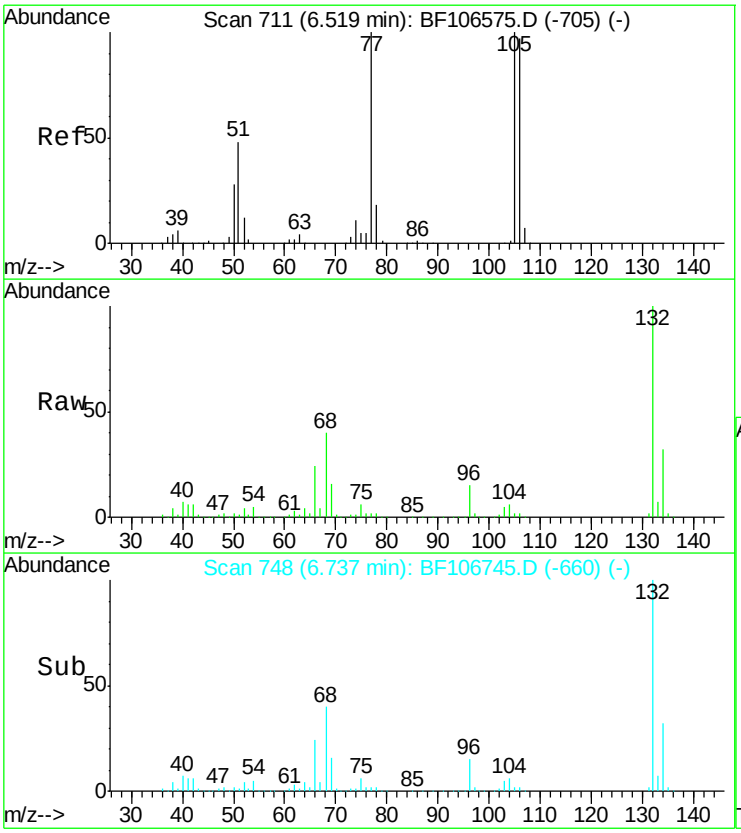
#7
Phenol-d6
Concen: 36.438 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 99 Resp: 119084

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.9	25.4	38.0

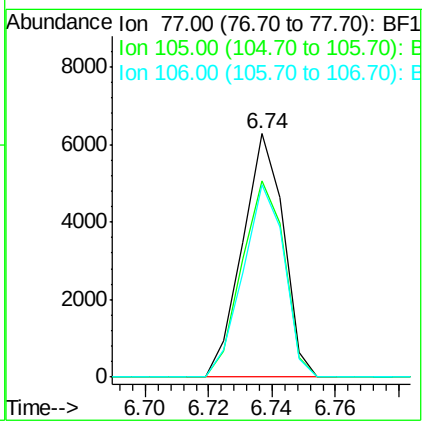


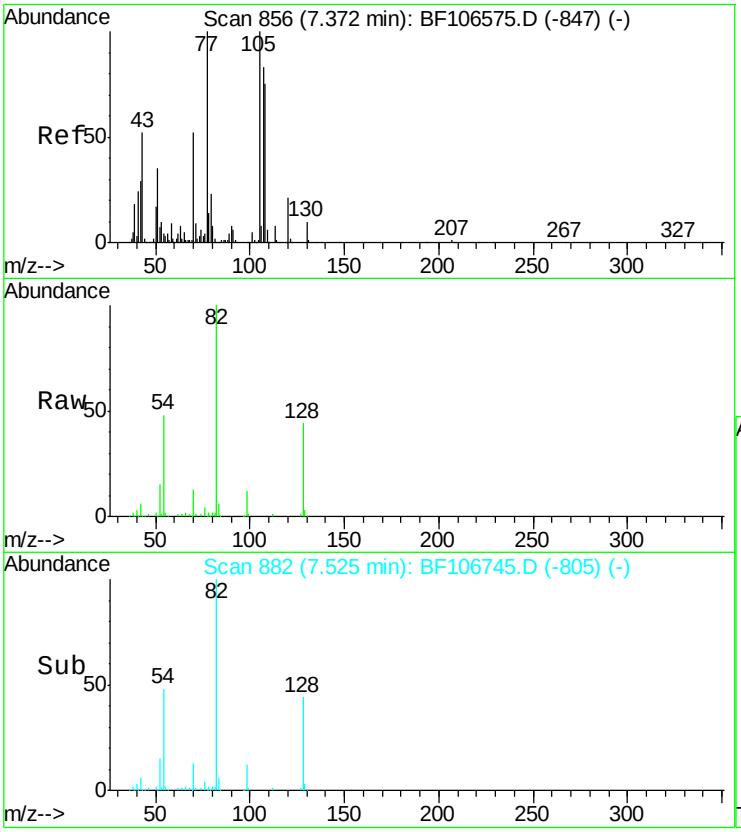


#9
Benzaldehyde
Concen: 2.061 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion: 77 Resp: 5646

Ion	Ratio	Lower	Upper
77	100		
105	80.6	81.1	121.1#
106	78.9	74.5	114.5



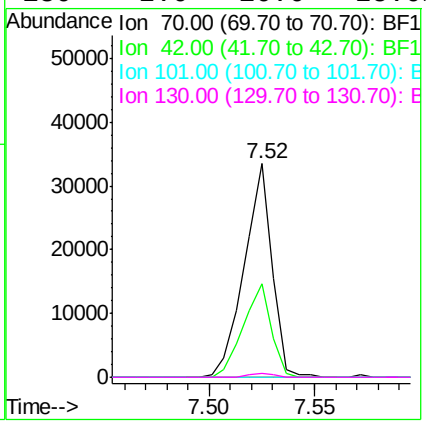


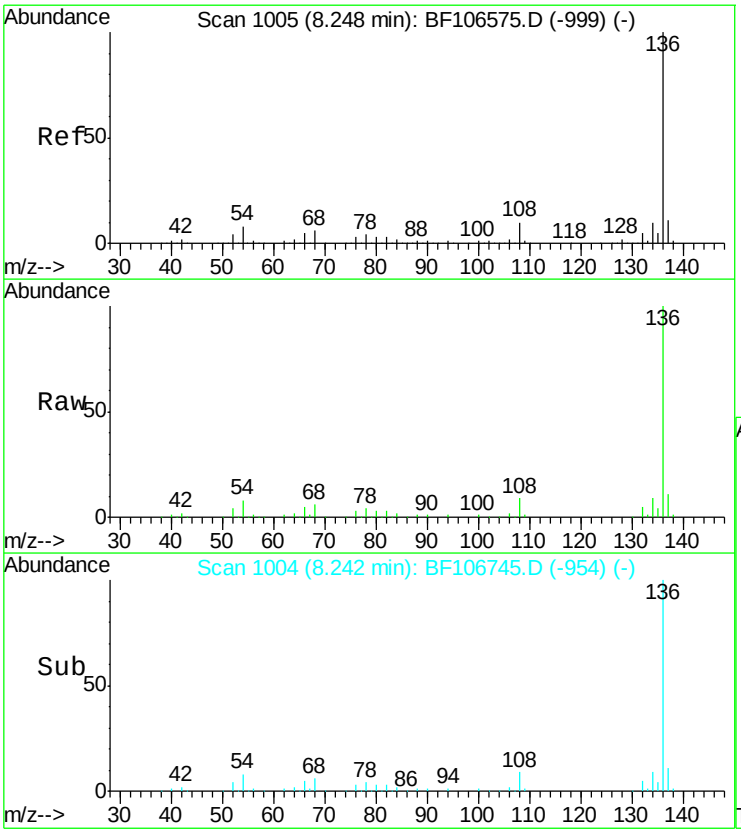
#19
n-Nitroso-di-n-propylamine
Concen: 14.183 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 70 Resp: 30553

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

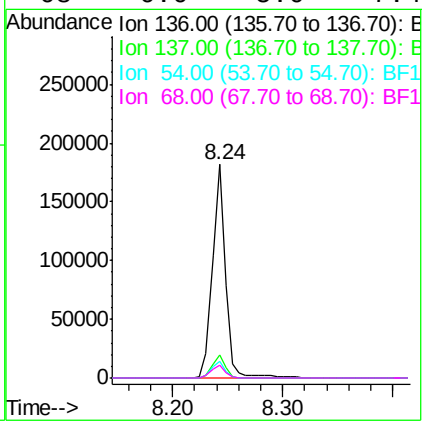


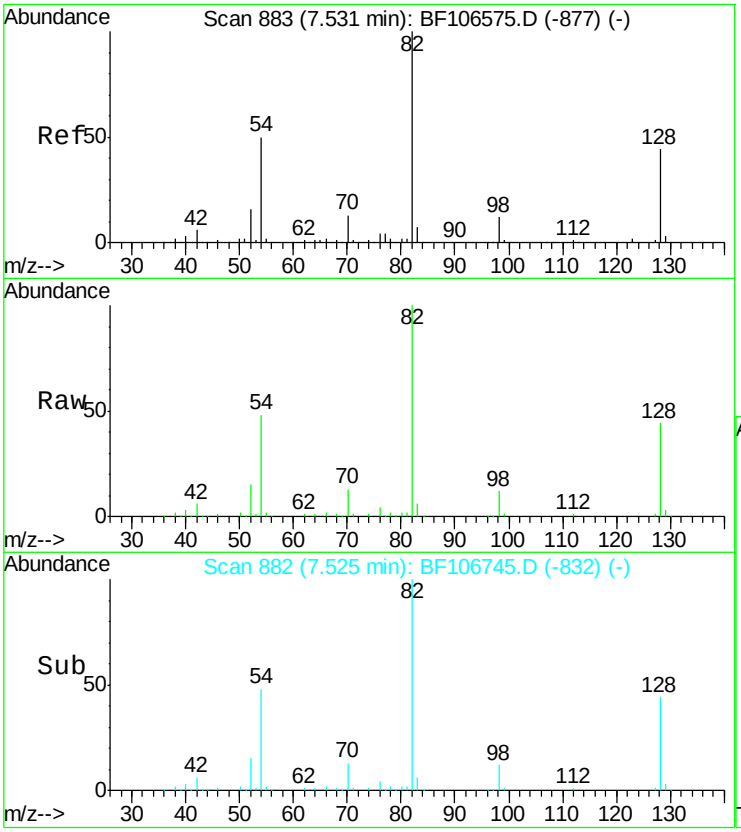


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:136 Resp: 148033

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4



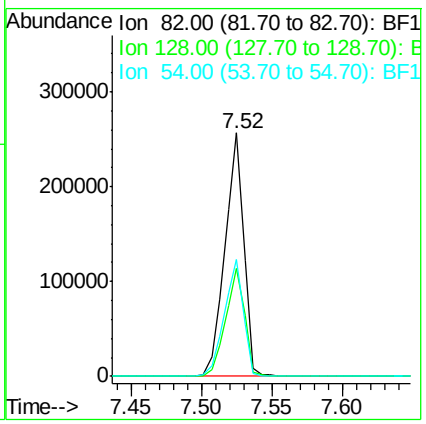


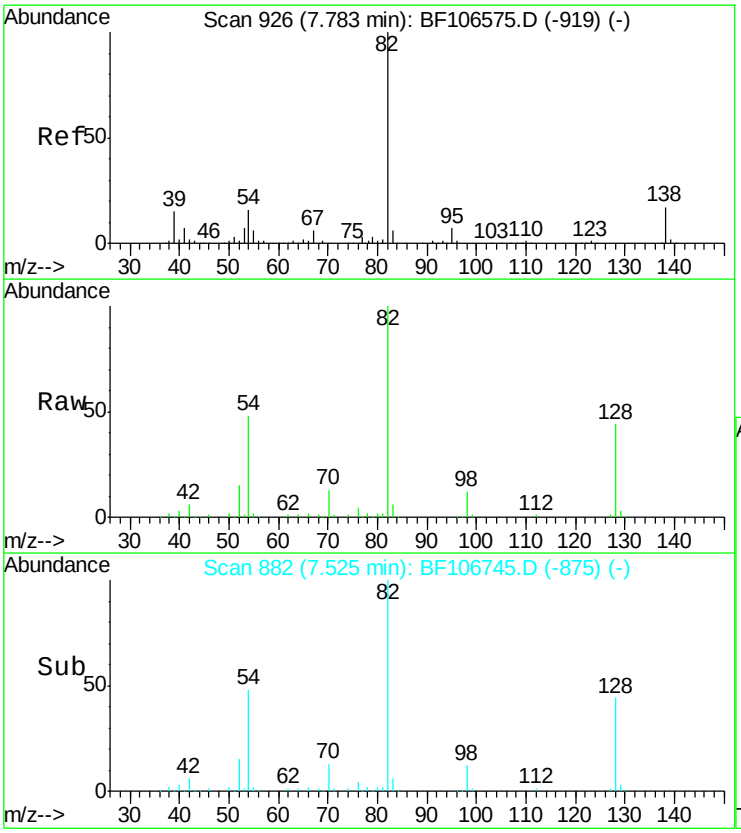
#23
Nitrobenzene-d5
Concen: 89.555 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion: 82 Resp: 238551

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.2	41.4	62.2

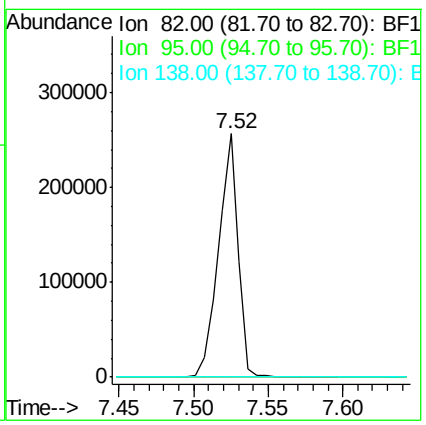


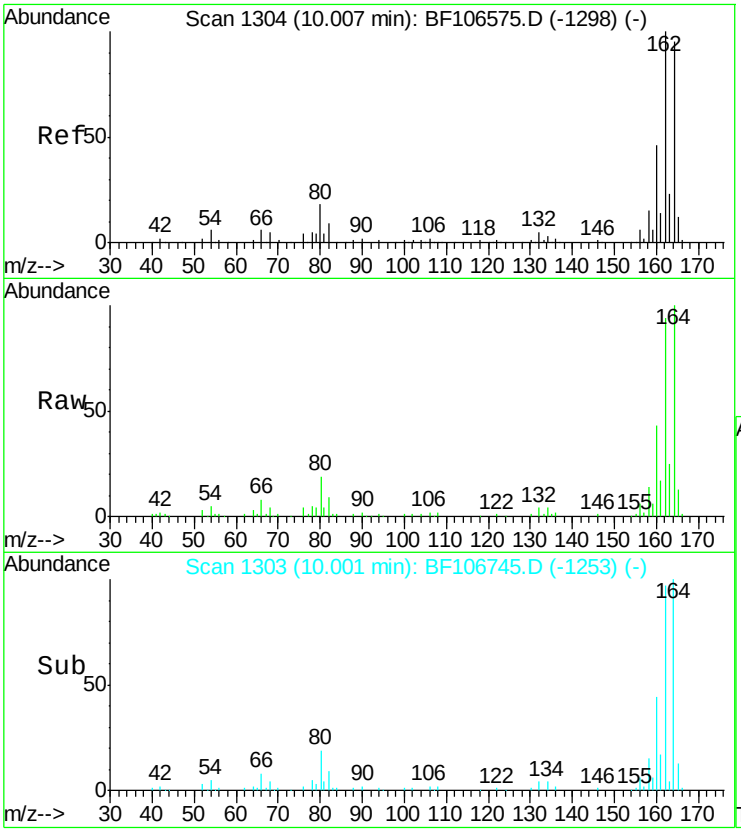


#25
Isophorone
Concen: 50.821 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion: 82 Resp: 238546

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



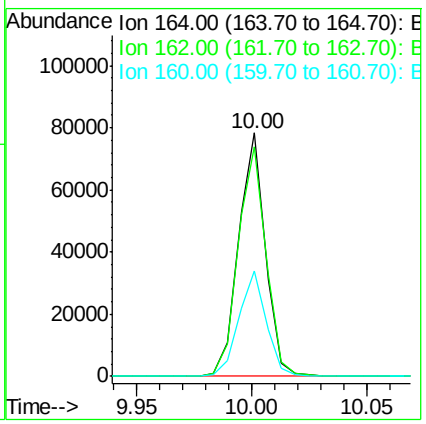


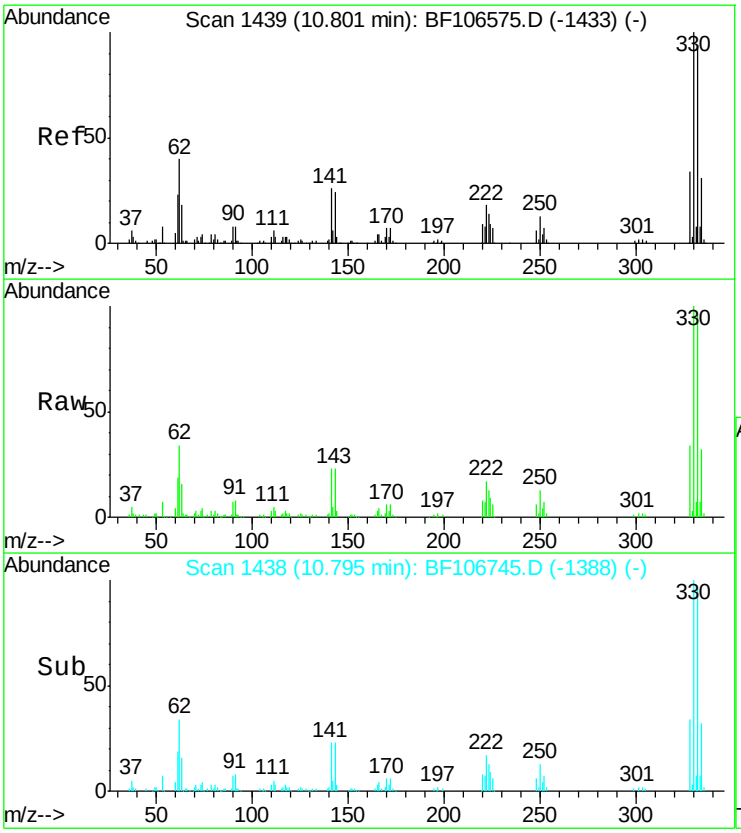
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:164 Resp: 63300

Ion	Ratio	Lower	Upper
164	100		
162	94.4	86.1	129.1
160	43.2	38.3	57.5

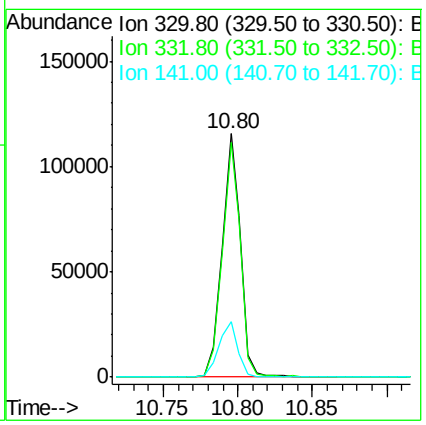


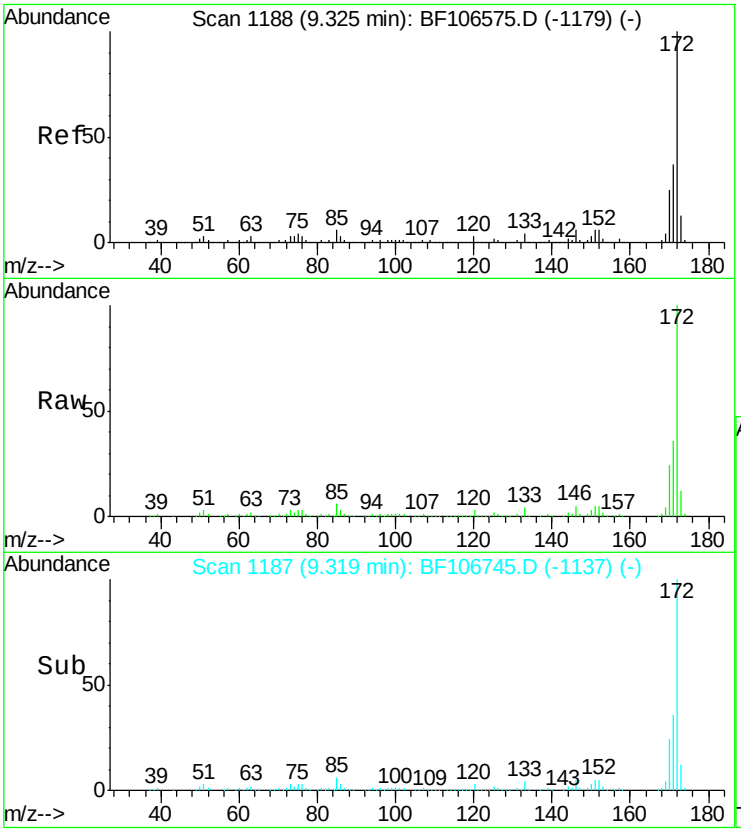


#41
2,4,6-Tribromophenol
Concen: 137.207 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:330 Resp: 100664

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	23.6	29.9	44.9#



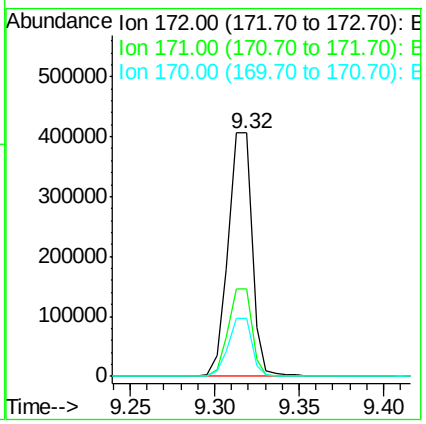


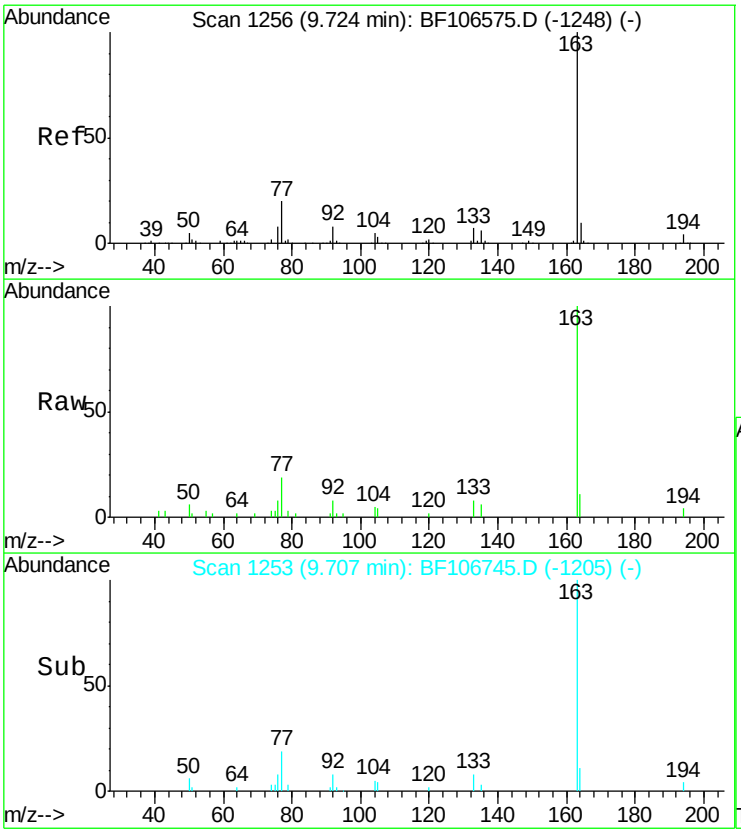
#44
2-Fluorobiphenyl
Concen: 111.437 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:172 Resp: 399590

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4

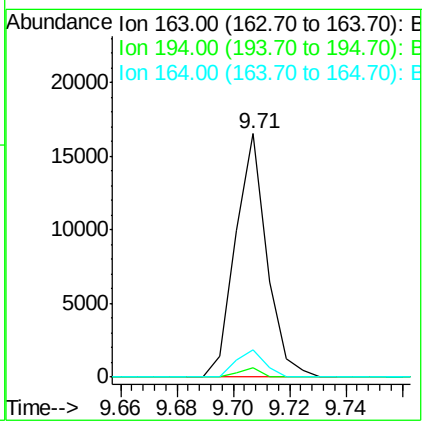


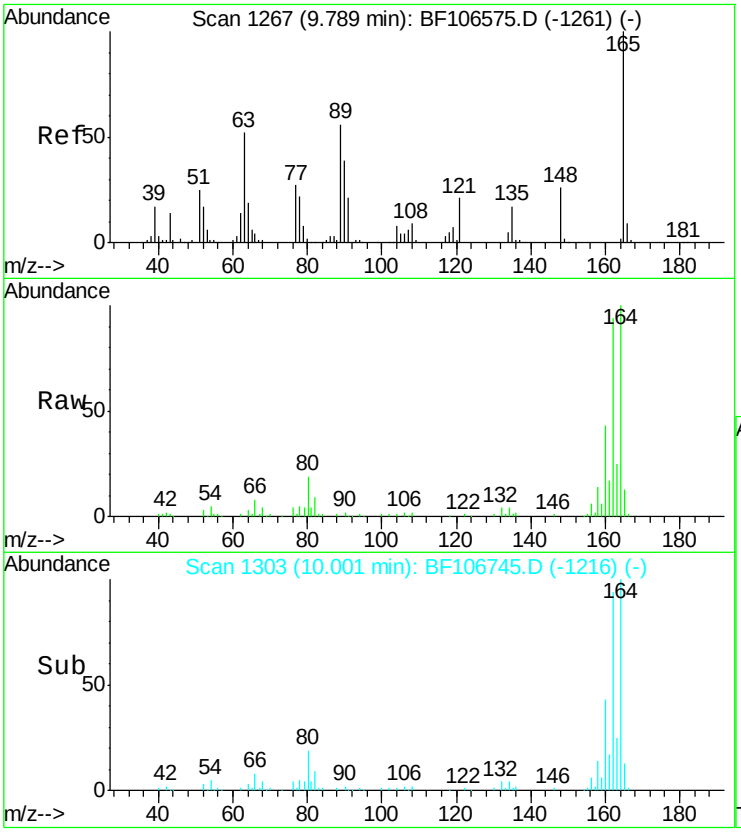


#49
Dimethylphthalate
Concen: 2.681 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:163 Resp: 12730

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.0	8.2	12.2



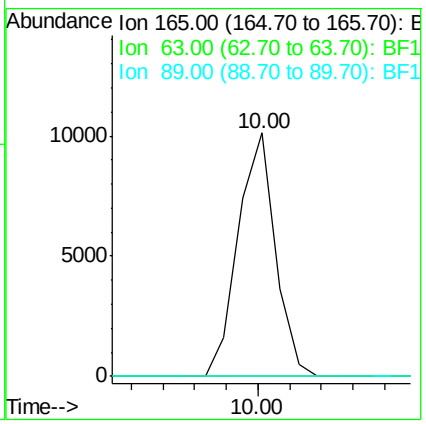


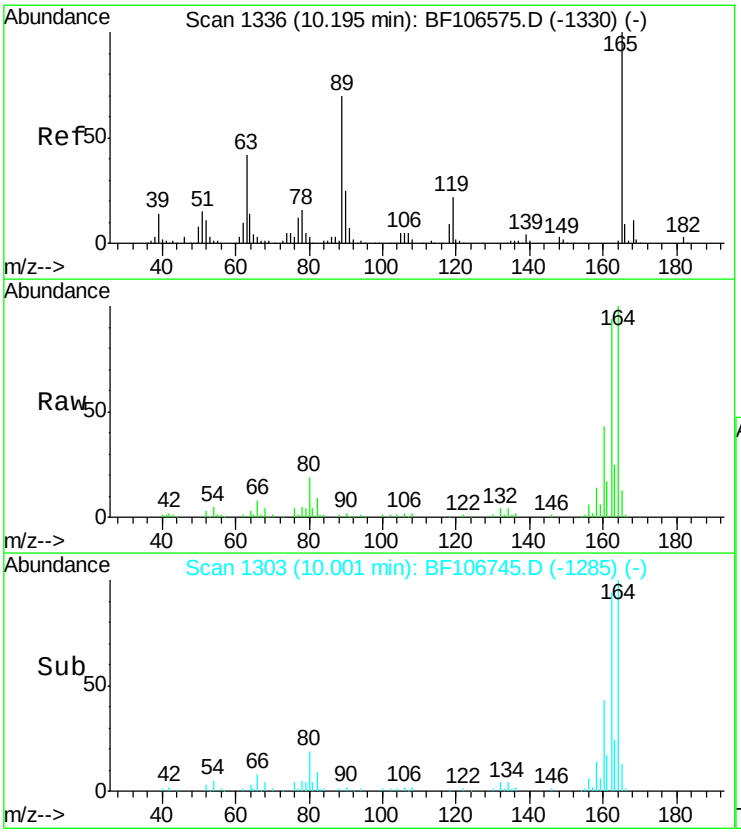
#50
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:165 Resp: 8228

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

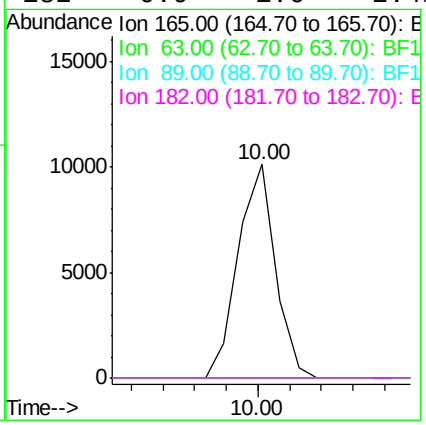


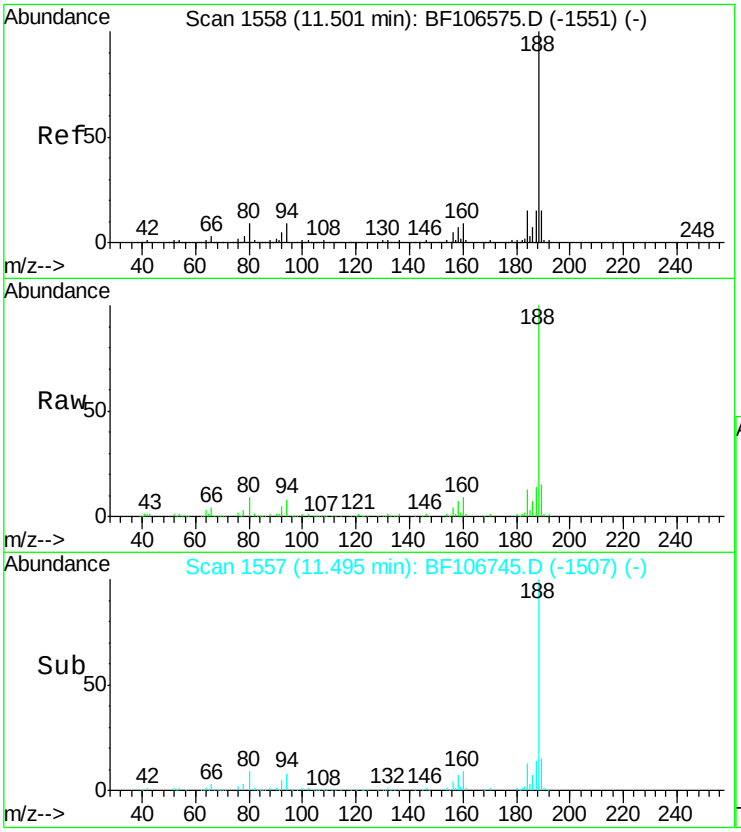


#56
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:165 Resp: 8228

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#



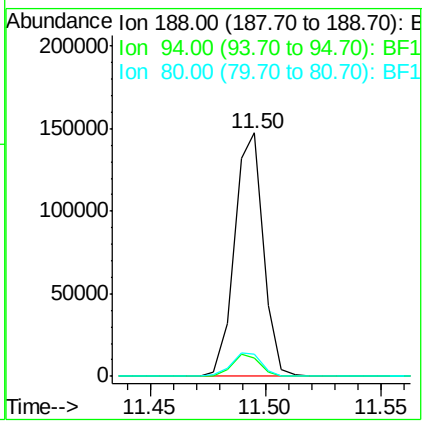


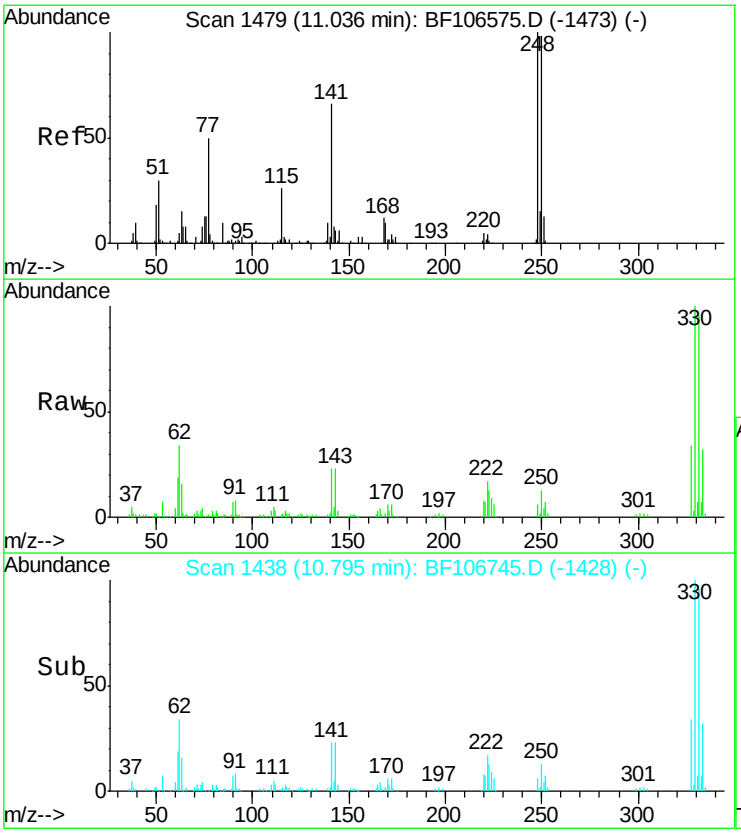
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:188 Resp: 128100

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	9.0	9.2	13.8#

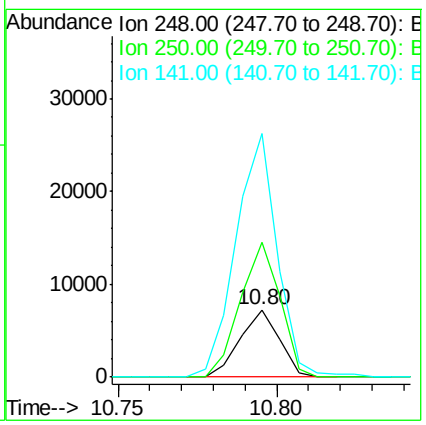


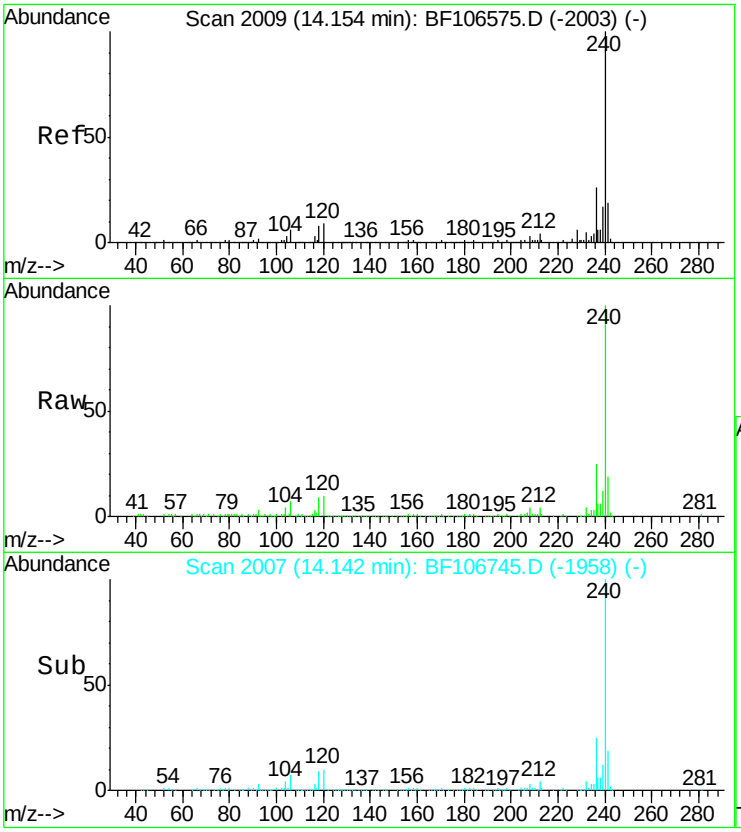


#66
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:248 Resp: 6270

Ion	Ratio	Lower	Upper
248	100		
250	199.6	76.9	115.3#
141	360.8	74.4	111.6#



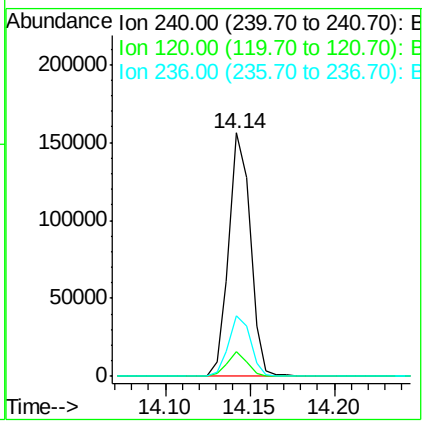


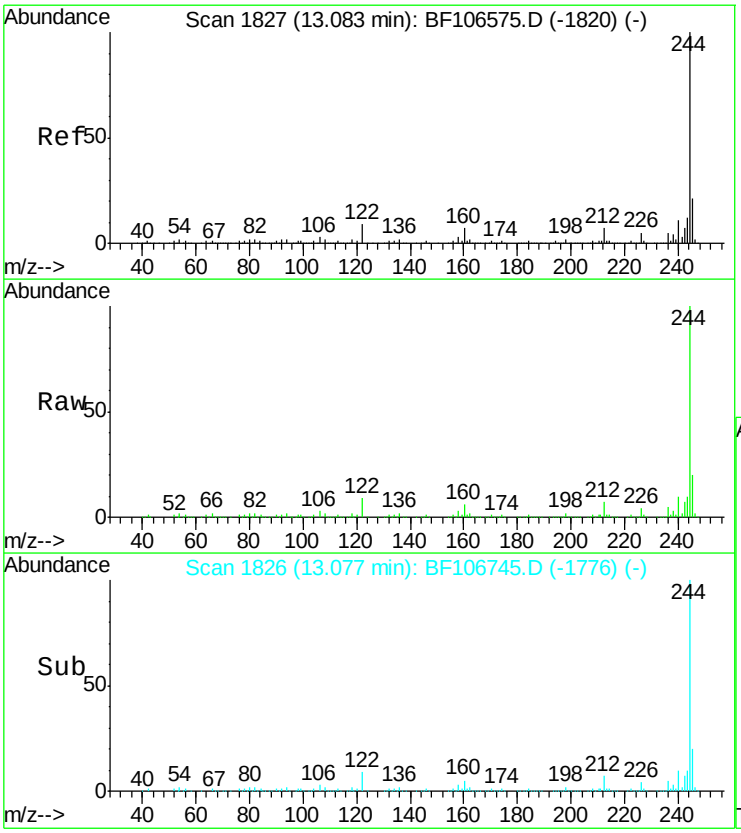
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:240 Resp: 139173

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.1	20.7	31.1

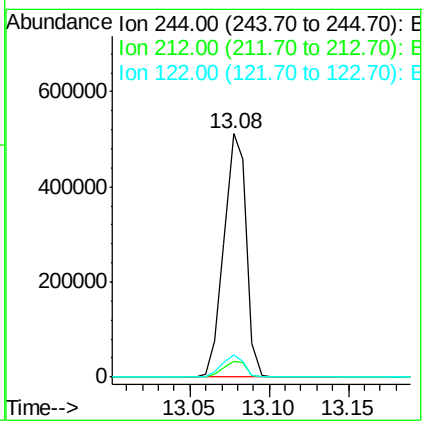


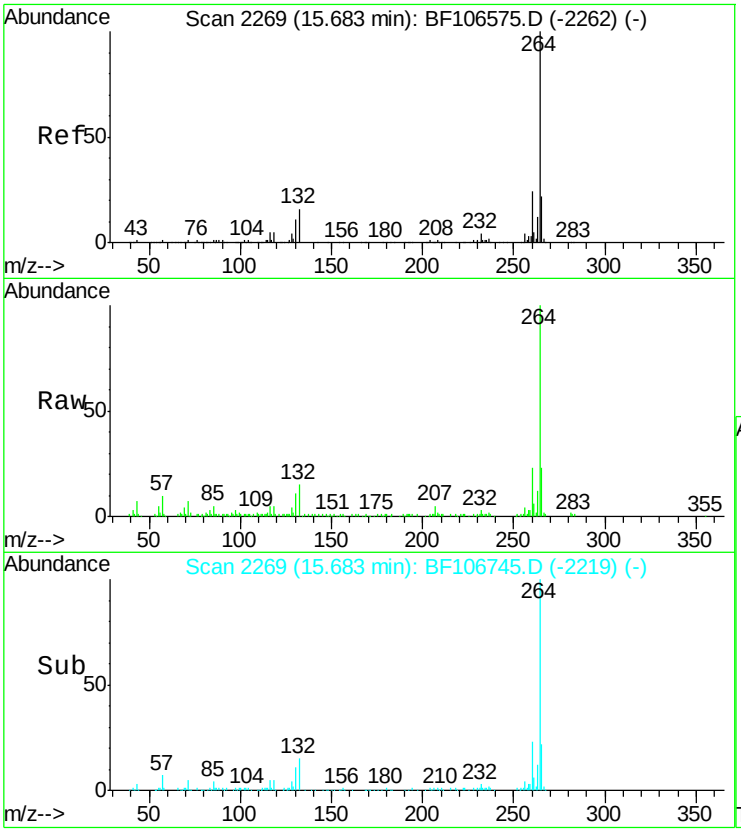


#78
Terphenyl-d14
Concen: 86.677 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:244 Resp: 498002

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tgt Ion:264 Resp: 99556

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.7	17.5	26.3