Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106747.D
Acq On : 23 Jun 2018 9:05
Operator : JU/SJ
Sample : J3595-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONC01

Quant Time: Jun 25 01:18:30 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	44812	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	150835	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	62224	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	123751	20.00	ng		0.00
75) Chrysene-d12	14.14	240	138086	20.00	ng		-0.01
86) Perylene-d12	15.68	264	100916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	345728	130.64	ng		0.01
7) Phenol-d6	6.61	99	425698	128.81	ng		0.00
23) Nitrobenzene-d5	7.52	82	267273	98.47	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	110025	152.56	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	451271	130.68	ng		0.00
78) Terphenyl-d14	13.08	244	566745	99.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	7519	2.694	ng		88
19) n-Nitroso-di-n-propylamine	7.52	70	34492	15.833	ng	#	73
25) Isophorone	7.52	82	267312	55.891	ng	#	64
49) Dimethylphthalate	9.71	163	26511	5.681	ng		99
50) 2,6-Dinitrotoluene	10.00	165	7939	8.034	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	7939	6.155	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	6561	4.442	ng	#	1

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

Quantitation Report (Not Reviewed)

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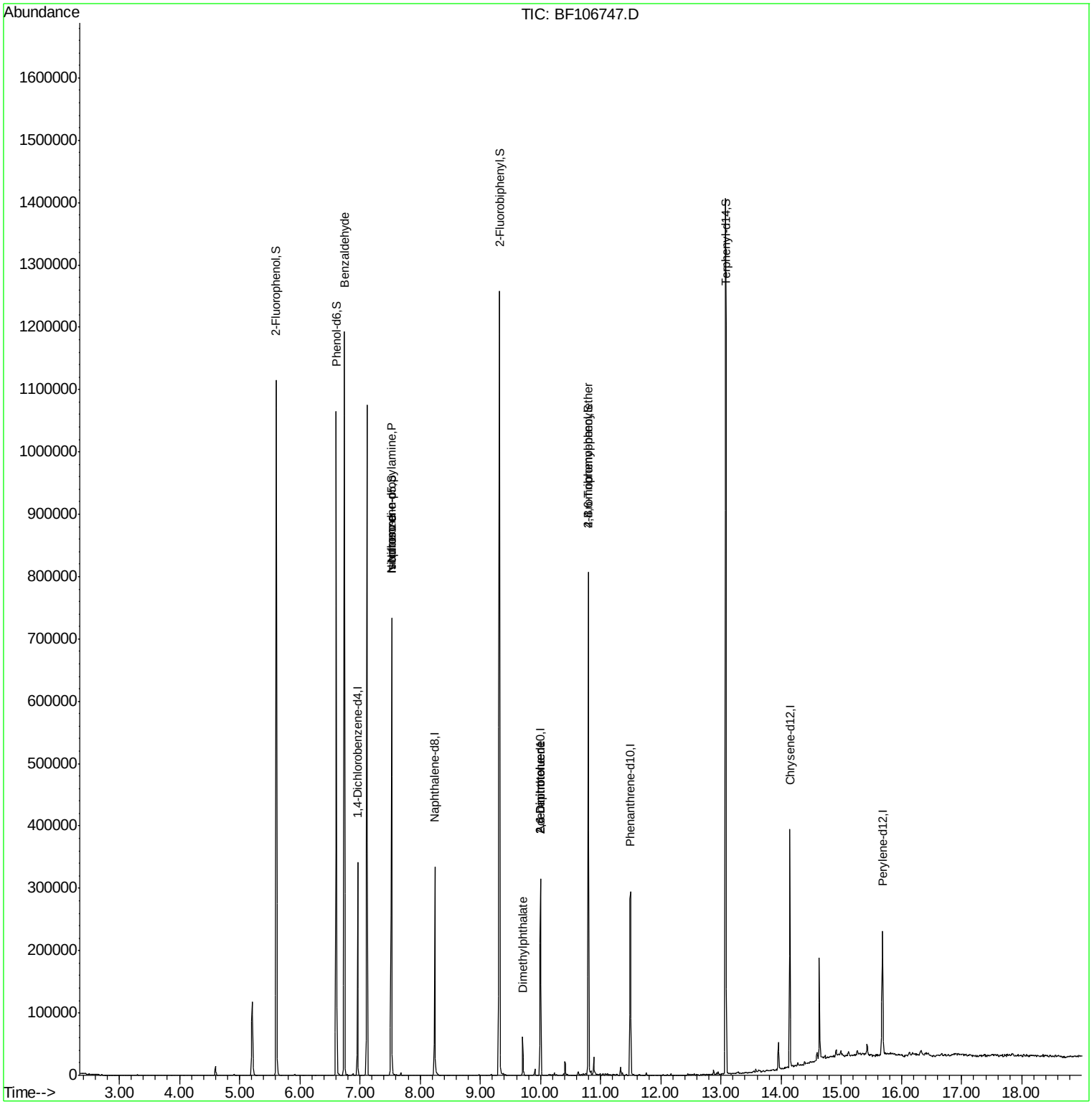
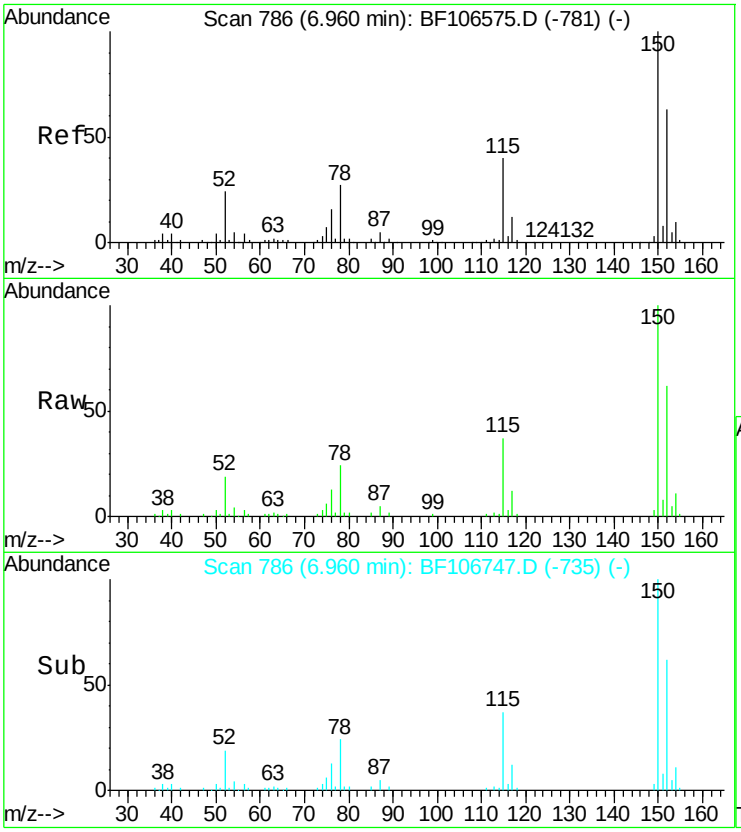


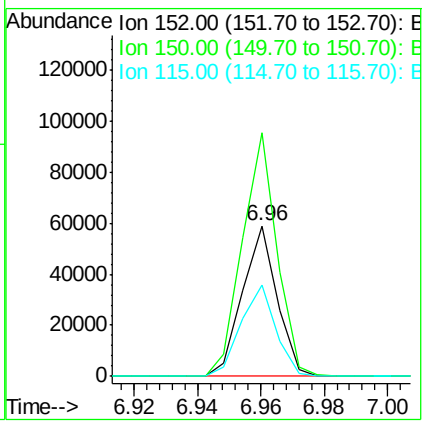


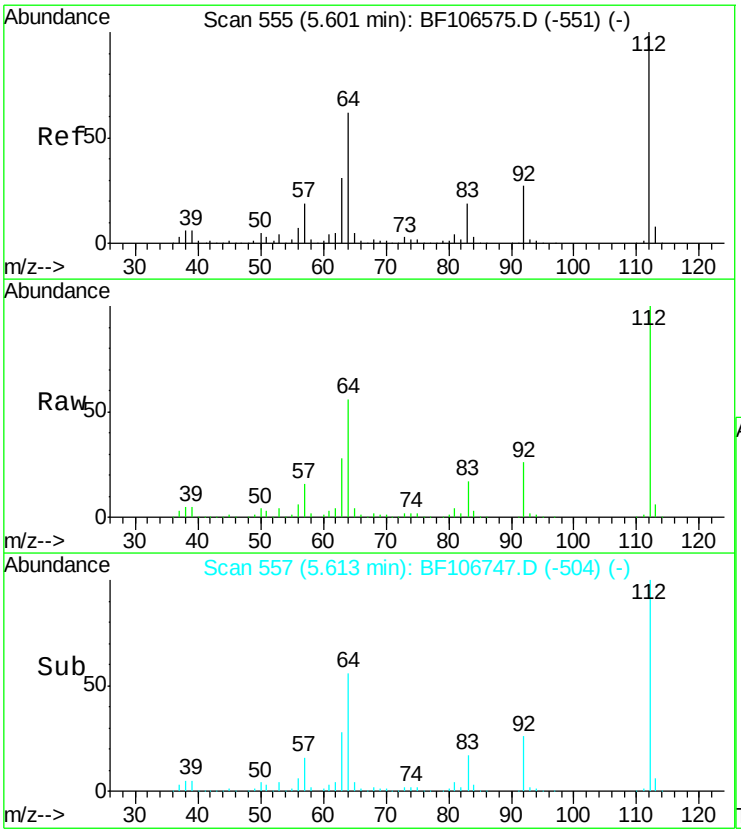
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:152 Resp: 44812

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	60.3	50.1	75.1

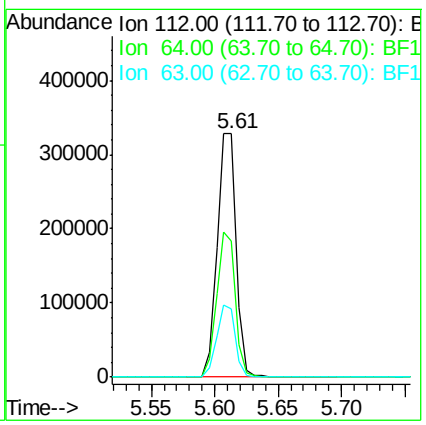


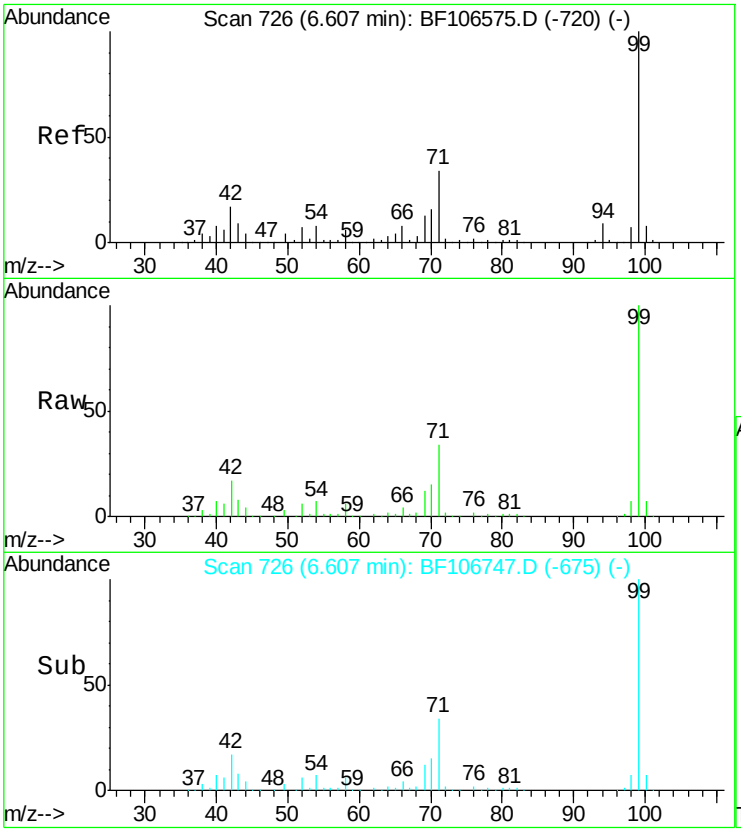


#5
2-Fluorophenol
Concen: 130.641 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:112 Resp: 345728

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	28.0	23.7	35.5



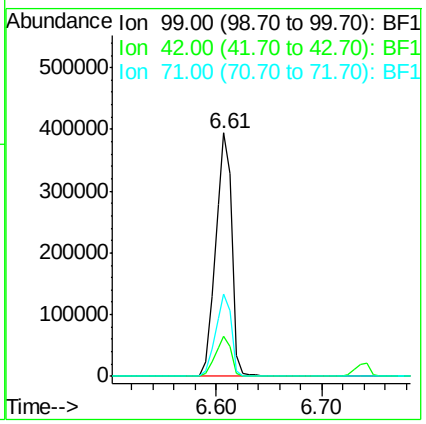


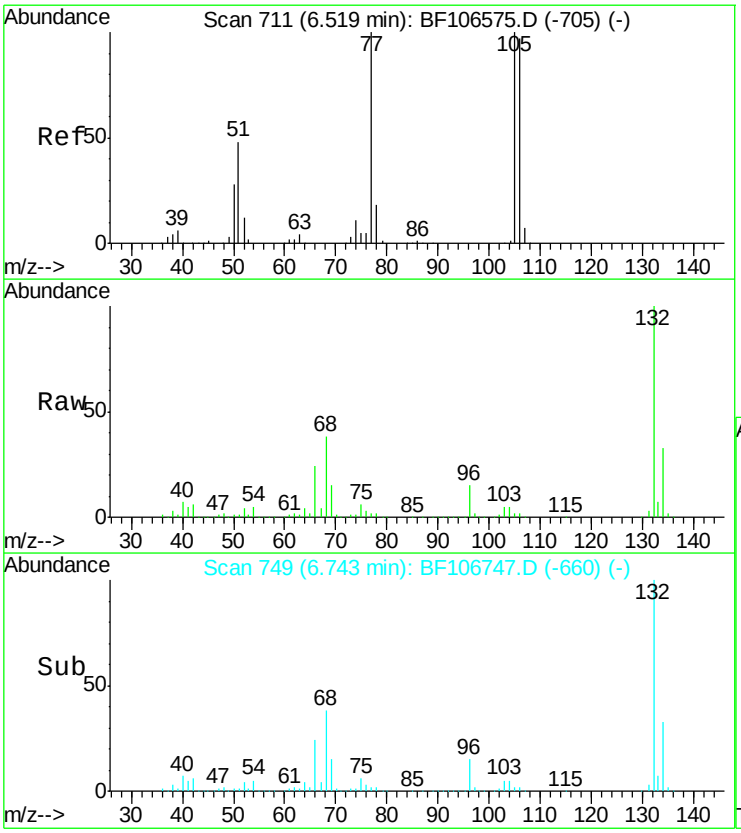
#7
Phenol-d6
Concen: 128.810 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion: 99 Resp: 425698

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.9	25.4	38.0

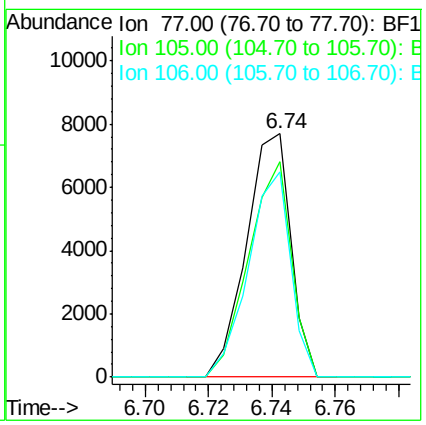


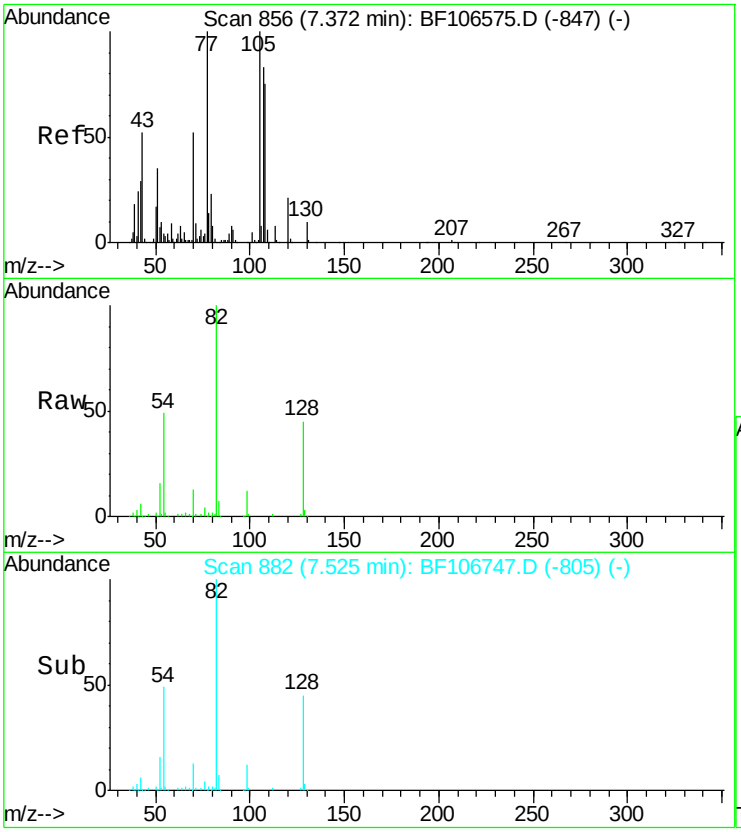


#9
Benzaldehyde
Concen: 2.694 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion: 77 Resp: 7519

Ion	Ratio	Lower	Upper
77	100		
105	88.4	81.1	121.1
106	84.1	74.5	114.5



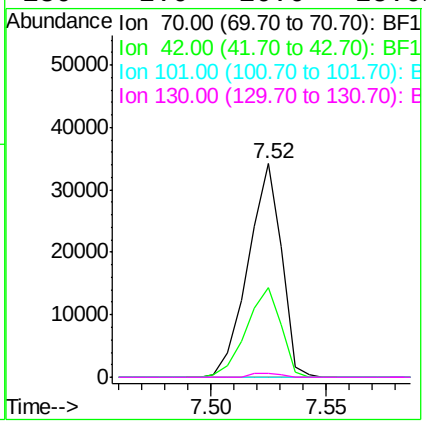


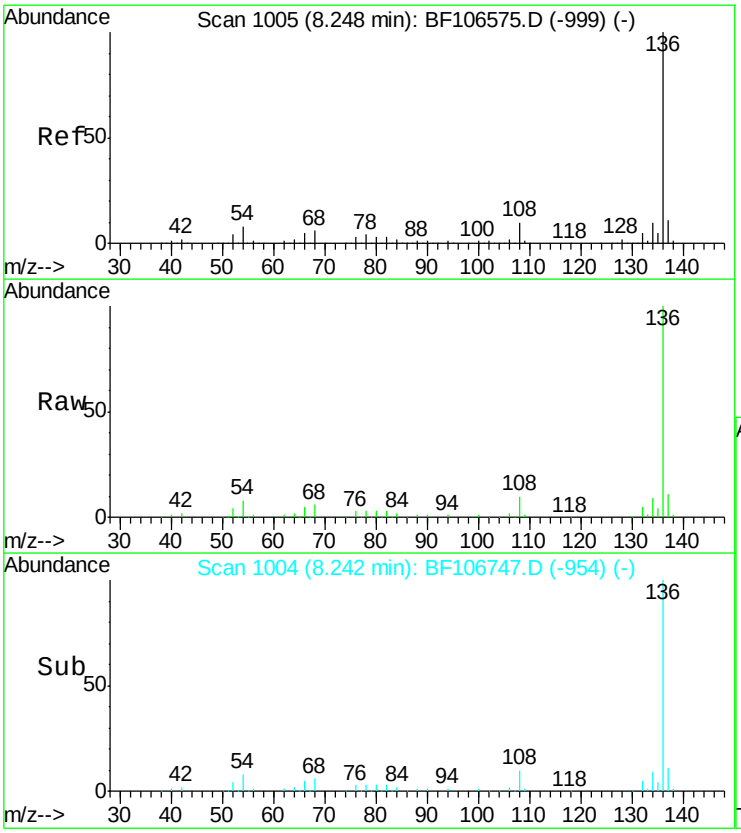
#19
n-Nitroso-di-n-propylamine
Concen: 15.833 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion: 70 Resp: 34492

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

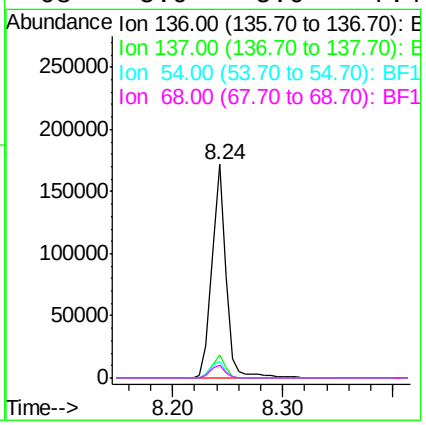


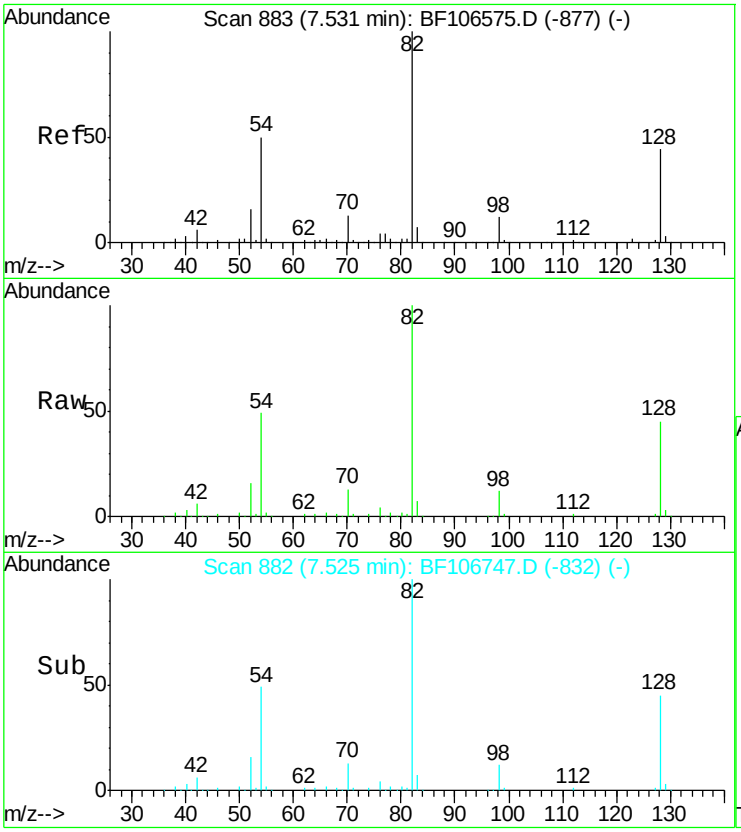


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:136 Resp: 150835

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4



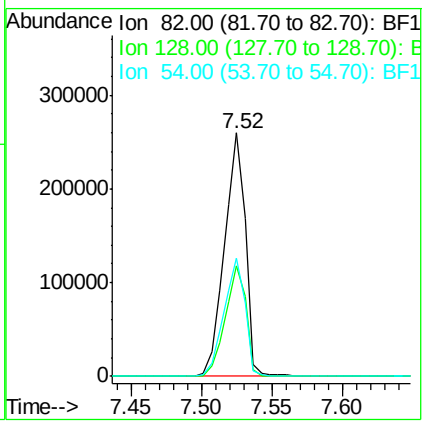


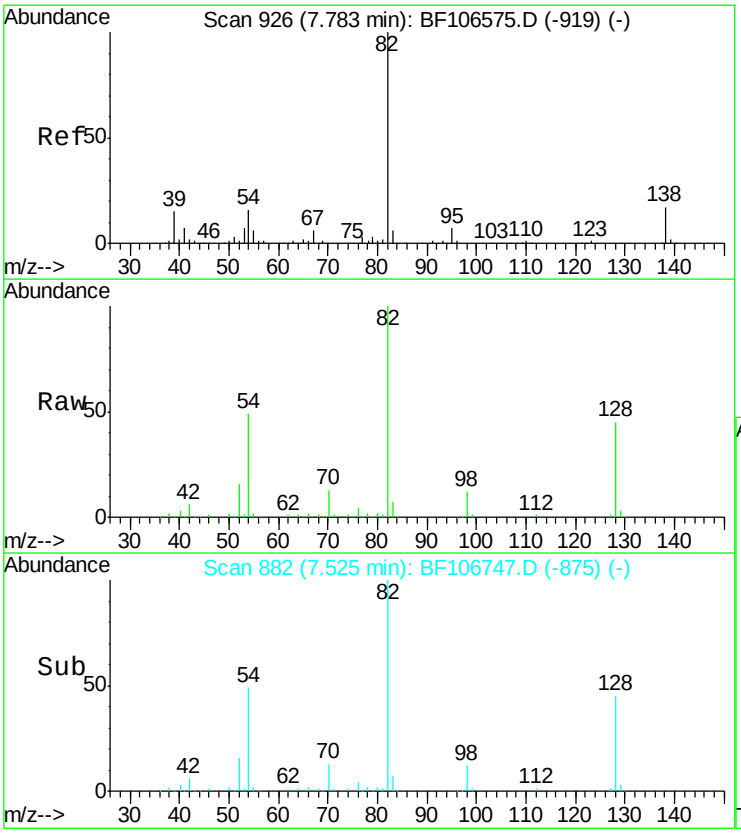
#23
Nitrobenzene-d5
Concen: 98.474 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion: 82 Resp: 267273

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	48.6	41.4	62.2

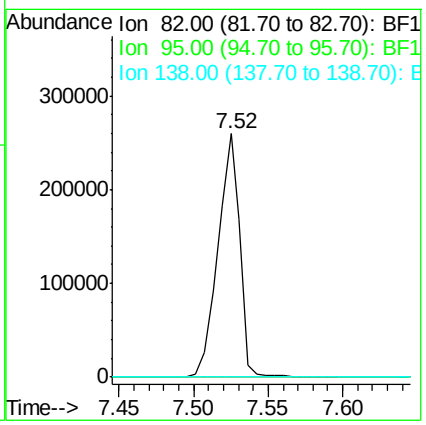


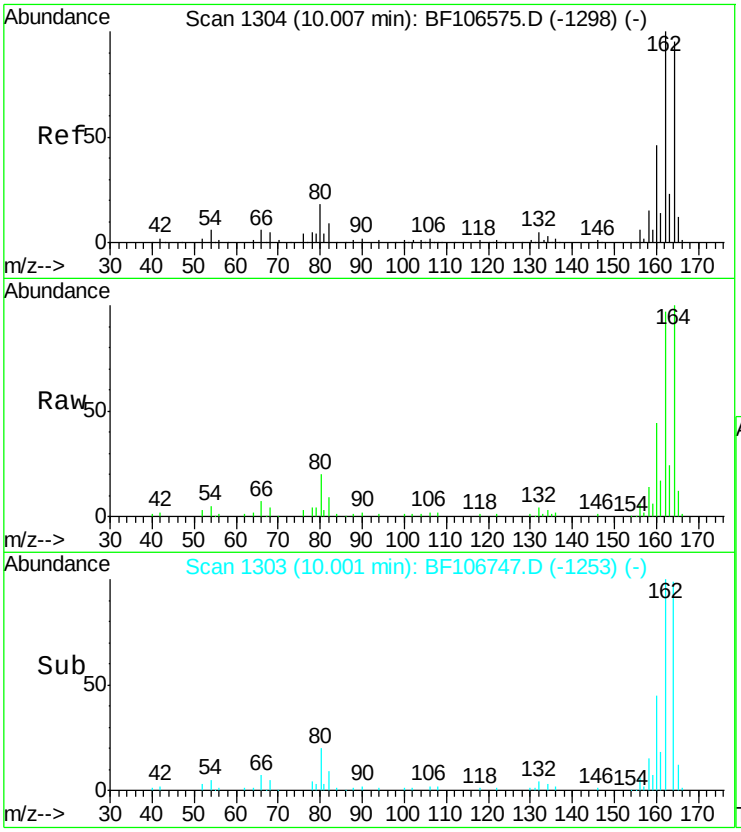


#25
Isophorone
Concen: 55.891 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion: 82 Resp: 267312

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



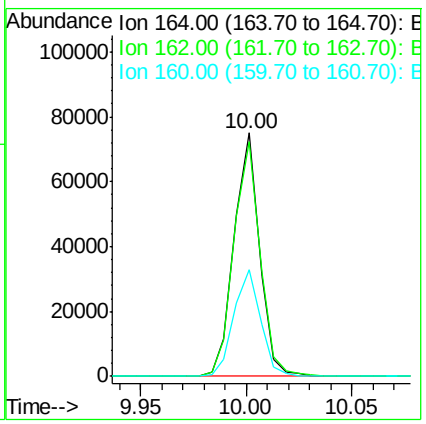


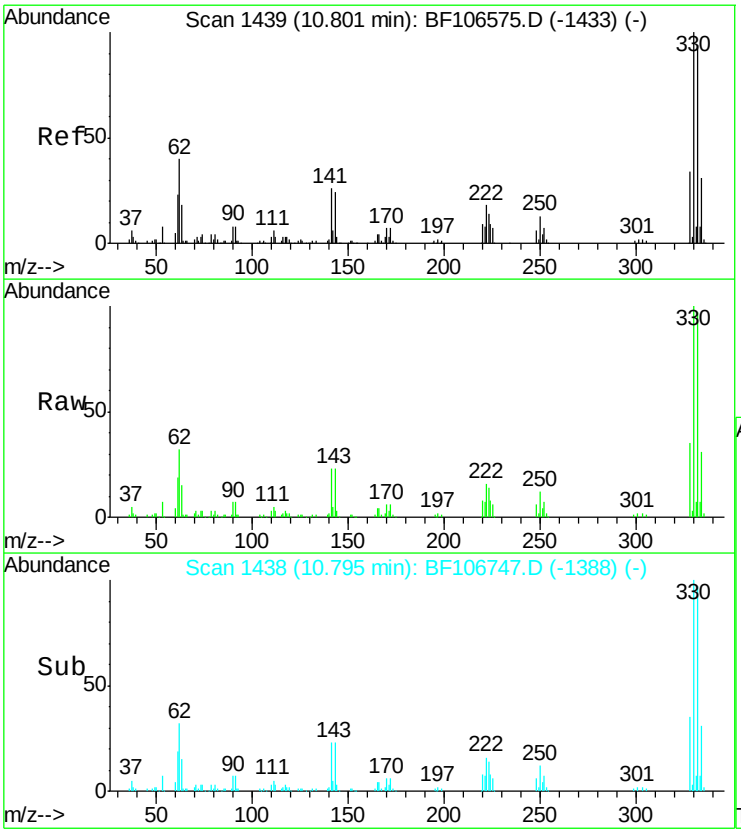
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:164 Resp: 62224

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	43.8	38.3	57.5

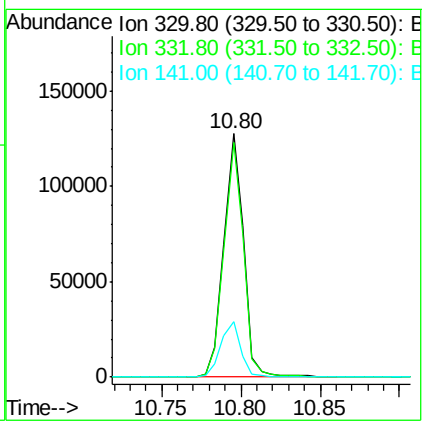


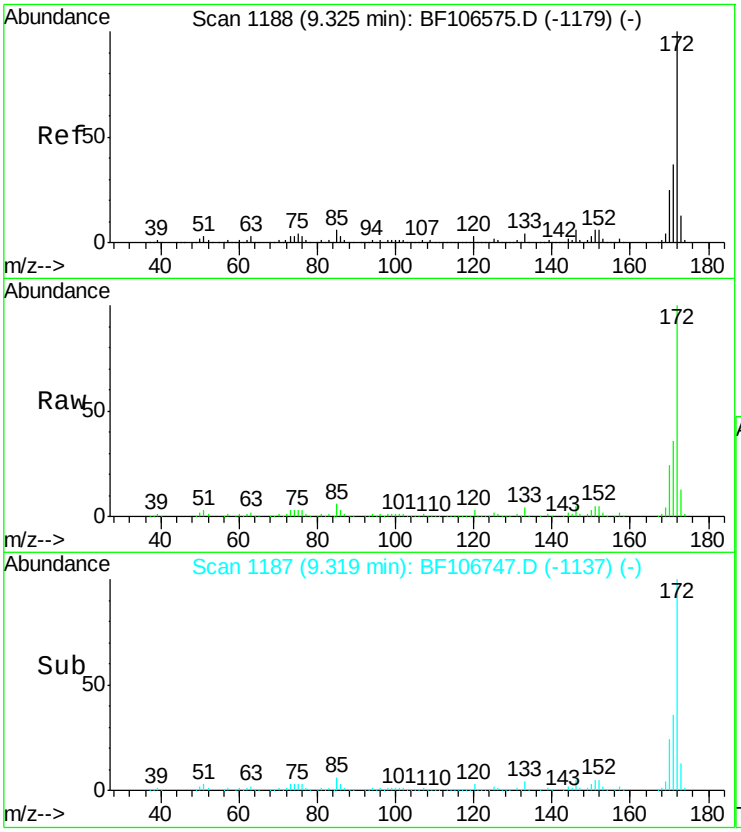


#41
2,4,6-Tribromophenol
Concen: 152.560 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:330 Resp: 110025

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	23.3	29.9	44.9#



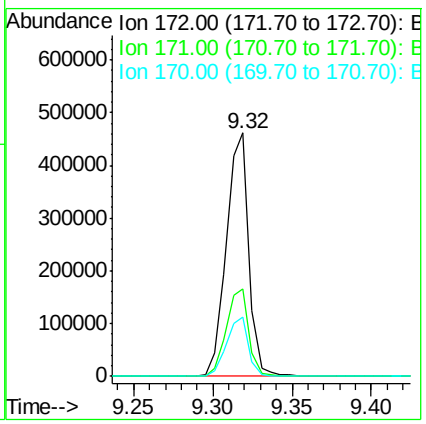


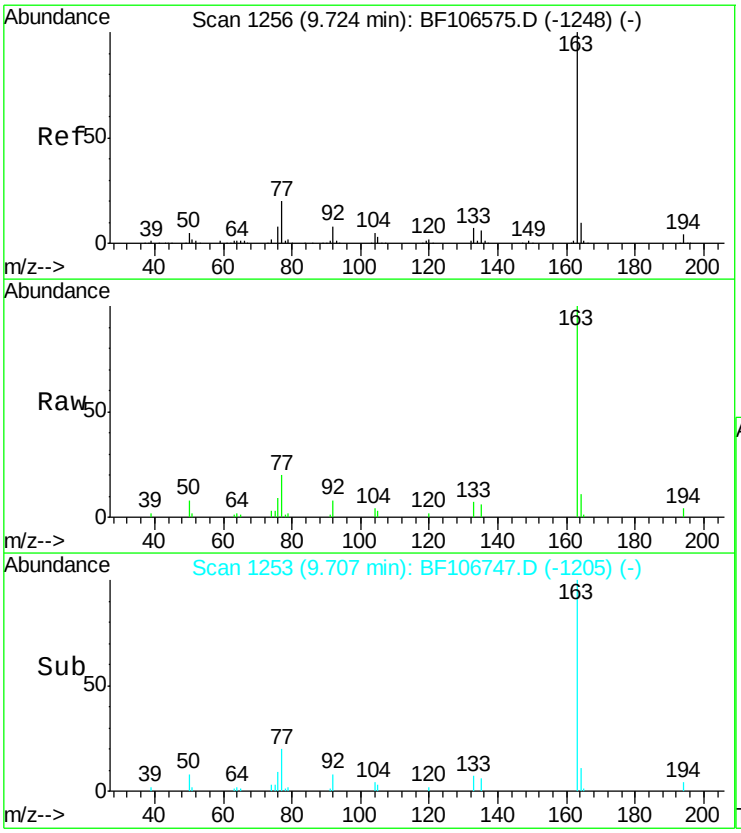
#44
2-Fluorobiphenyl
Concen: 130.683 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:172 Resp: 451271

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

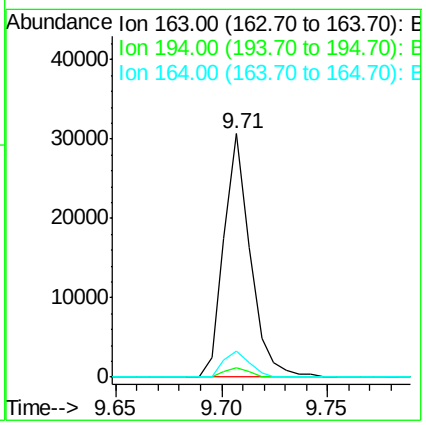


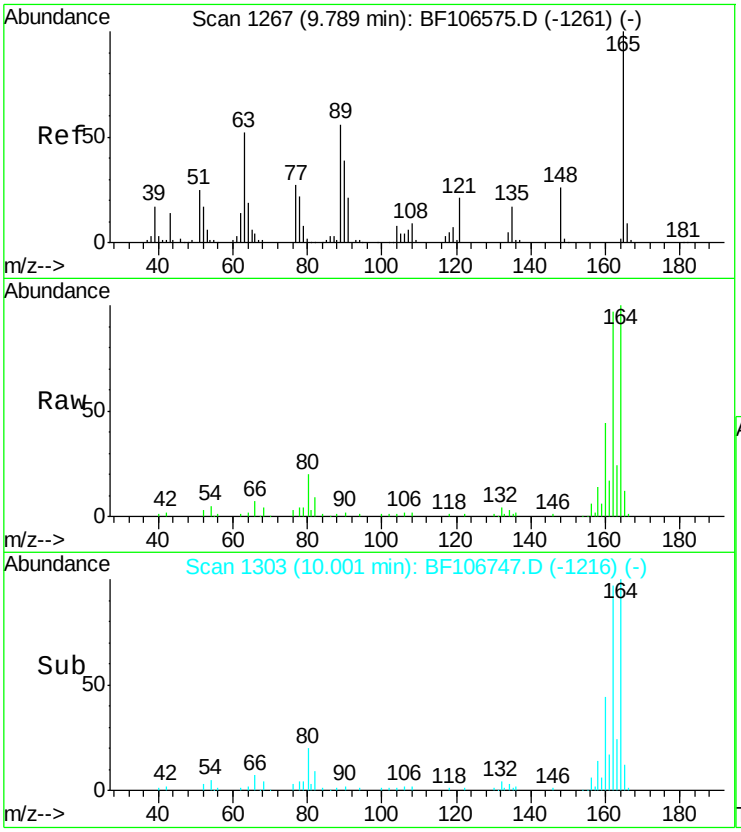


#49
Dimethylphthalate
Concen: 5.681 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:163 Resp: 26511

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



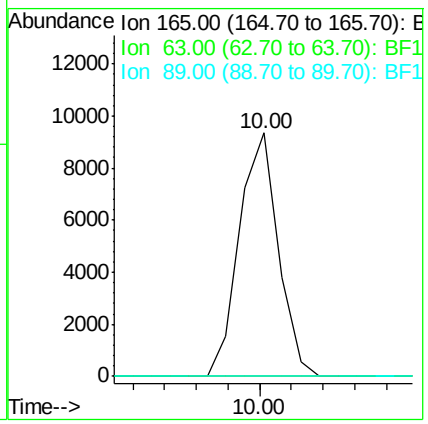


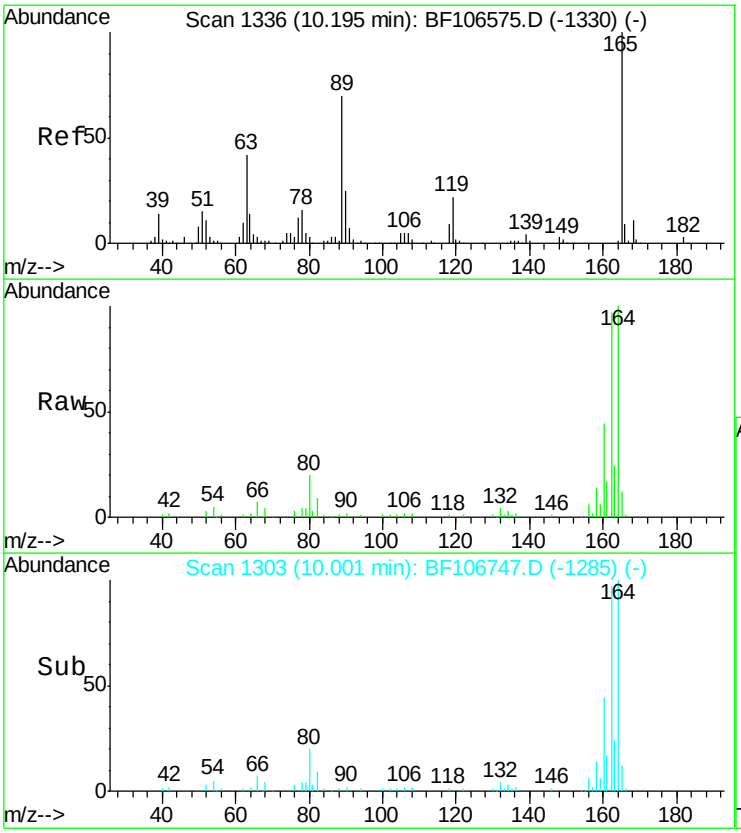
#50
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:165 Resp: 7939

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

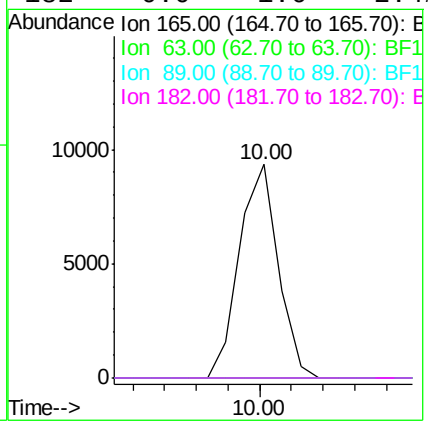


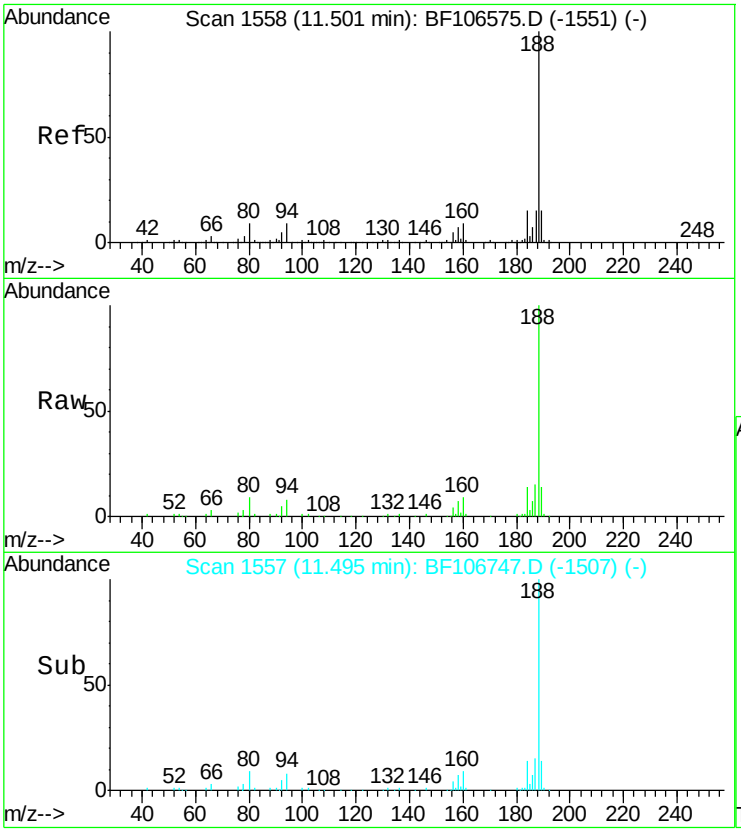


#56
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:165 Resp: 7939

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#



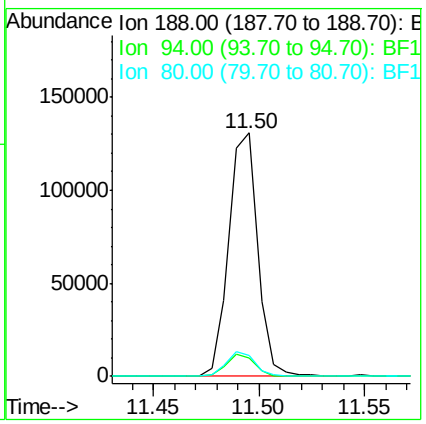


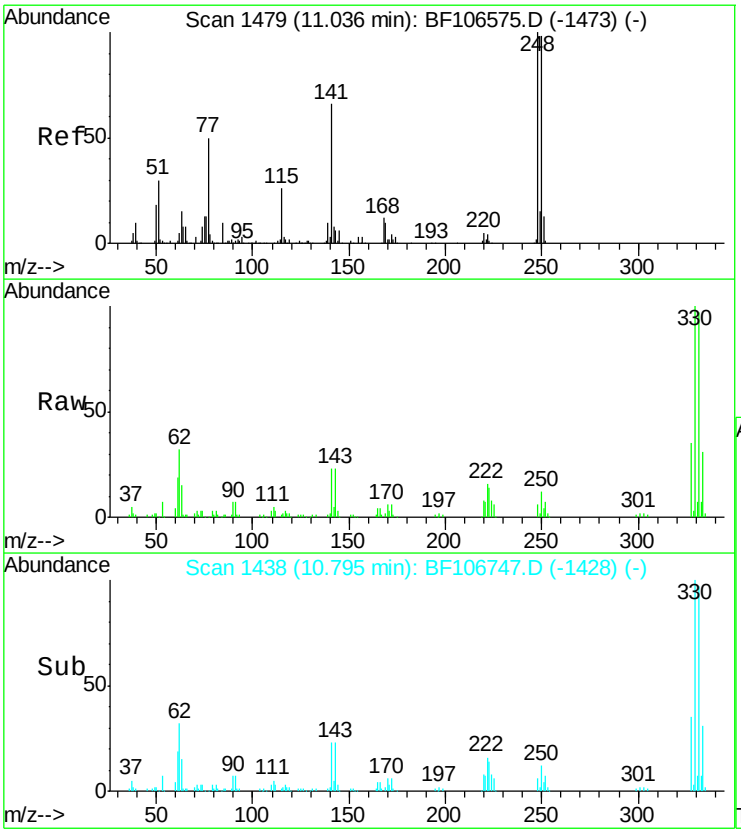
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:188 Resp: 123751

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.8	9.2	13.8#

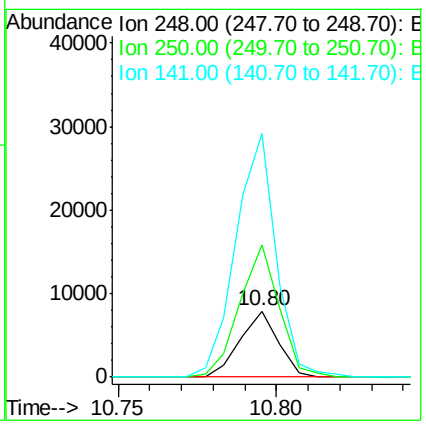


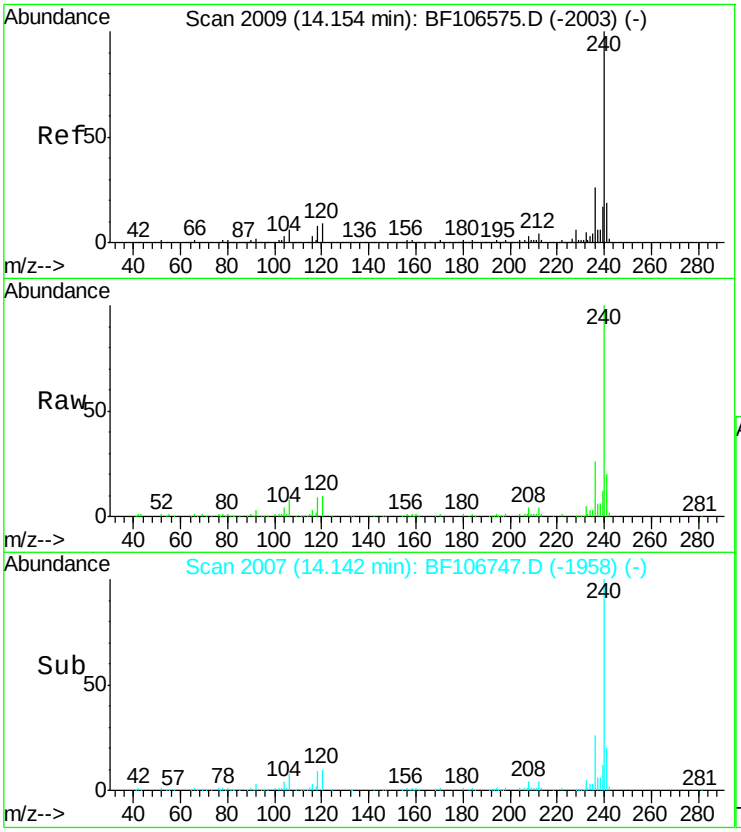


#66
4-Bromophenyl-phenylether
Concen: 4.442 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:248 Resp: 6561

Ion	Ratio	Lower	Upper
248	100		
250	200.8	76.9	115.3#
141	369.4	74.4	111.6#



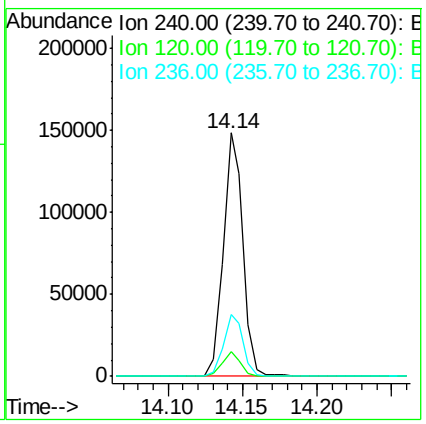


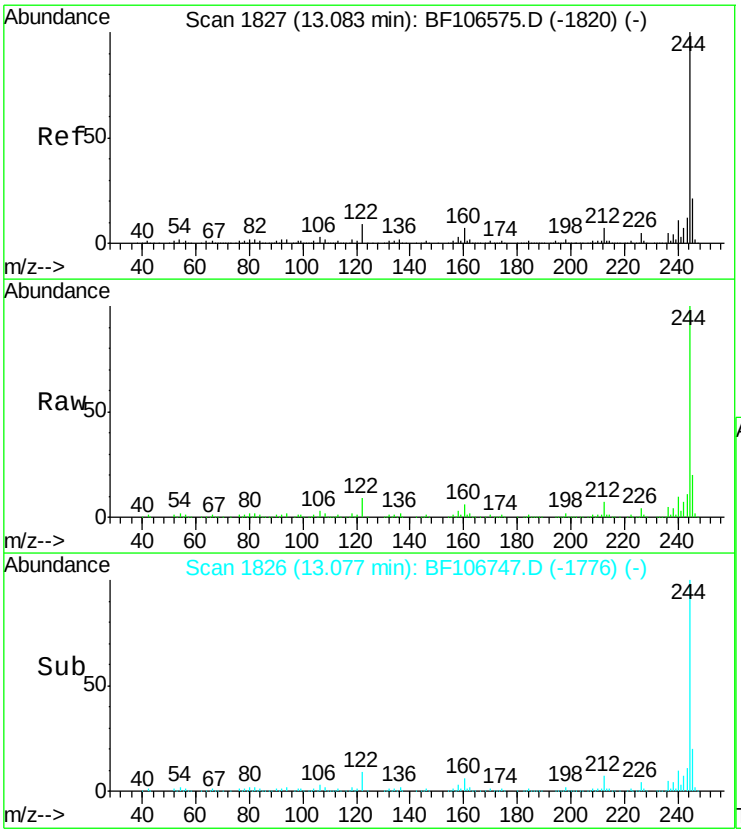
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:240 Resp: 138086

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.5	20.7	31.1

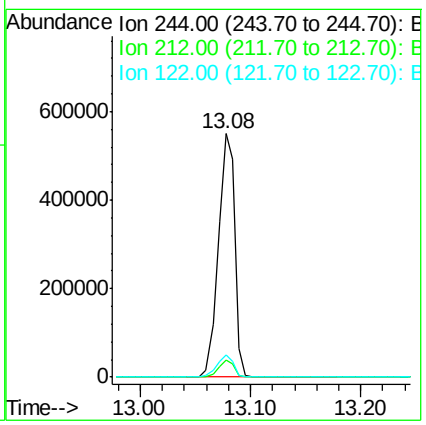


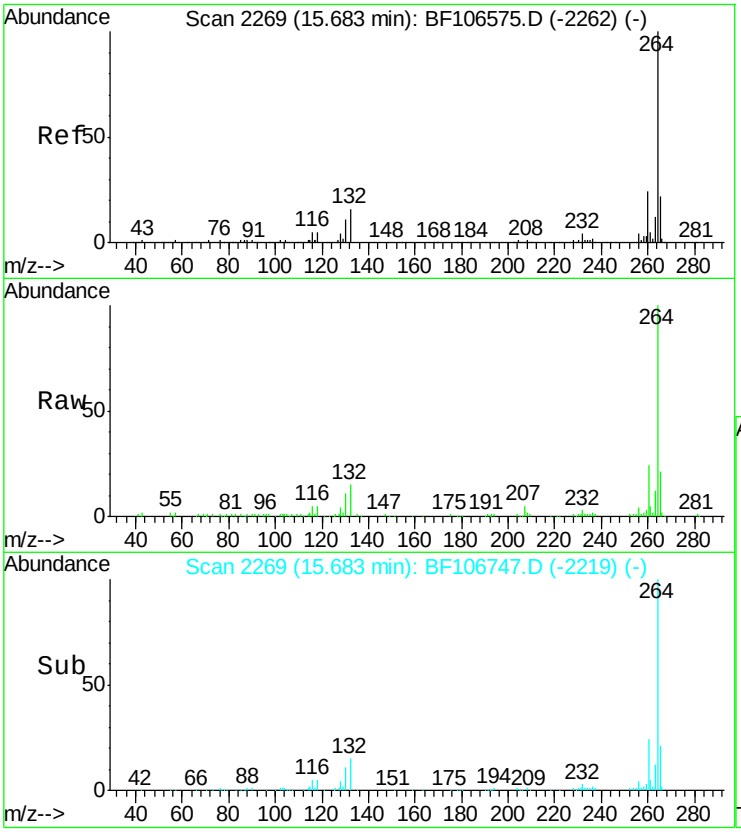


#78
Terphenyl-d14
Concen: 99.418 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:244 Resp: 566745

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.1	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: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:264 Resp: 100916

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3