Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
Data File : BF106657.D
Acq On : 21 Jun 2018 13:12
Operator : JU/SJ
Sample : J3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Time: Jun 21 14:30:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96950	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	373124	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	186903	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	325307	20.00	ng		0.00
75) Chrysene-d12	14.15	240	263195	20.00	ng		0.00
86) Perylene-d12	15.69	264	209059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	514068	89.79	ng		0.00
7) Phenol-d6	6.61	99	662144	92.61	ng		0.00
23) Nitrobenzene-d5	7.52	82	439470	65.46	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	205864	95.03	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	750143	64.35	ng		0.00
78) Terphenyl-d14	13.08	244	769153	70.79	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	12080	2.017	ng		81
10) Phenol	6.62	94	17637	2.161	ng		98
19) n-Nitroso-di-n-propylamine	7.52	70	57640	12.230	ng	#	73
25) Isophorone	7.52	82	439462	37.145	ng	#	64
49) Dimethylphthalate	9.71	163	124028	8.848	ng		98
56) 2,4-Dinitrotoluene	10.00	165	24108	6.222	ng	#	23
66) 4-Bromophenyl-phenylether	10.79	248	12701	3.271	ng	#	1

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

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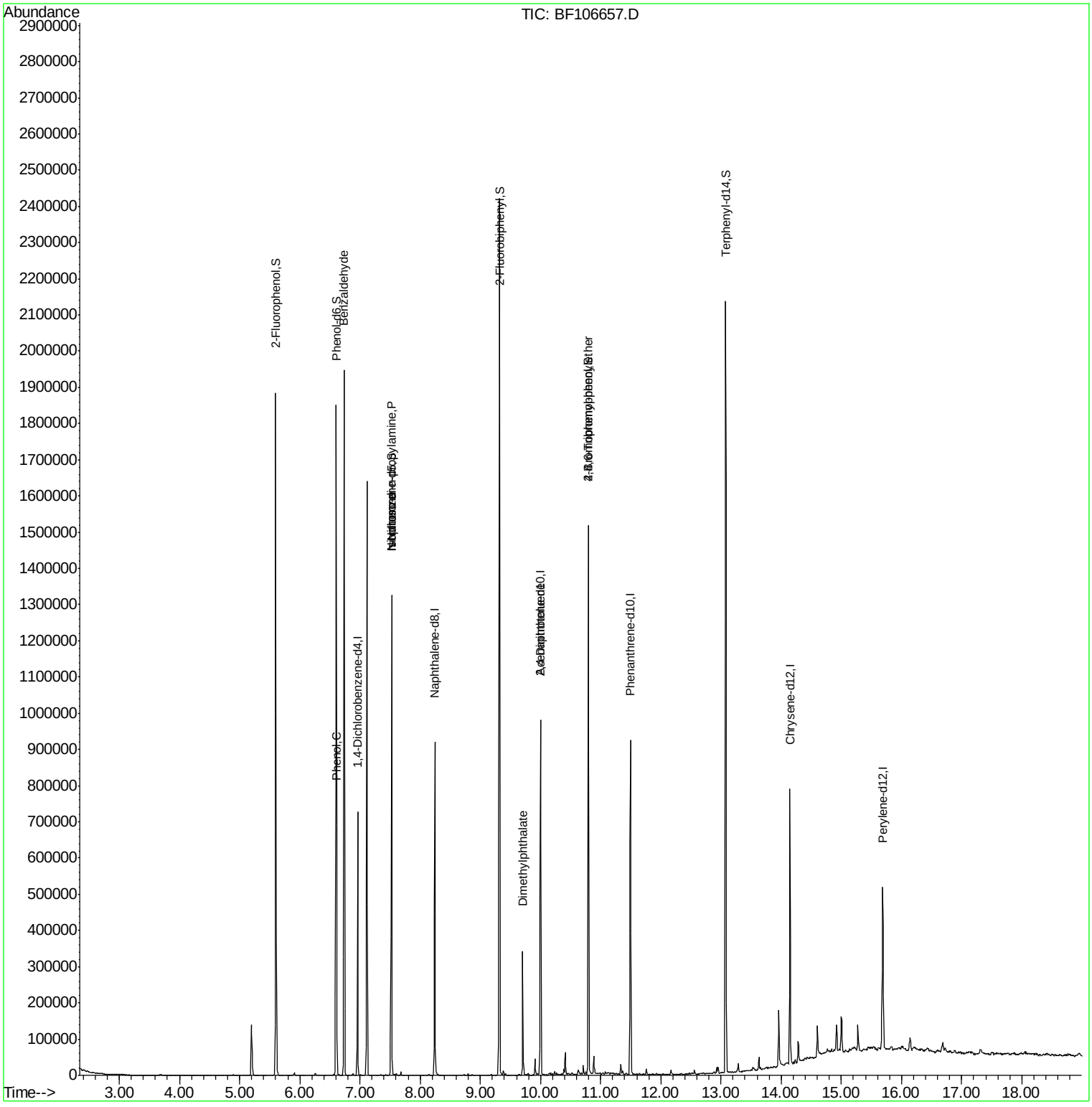
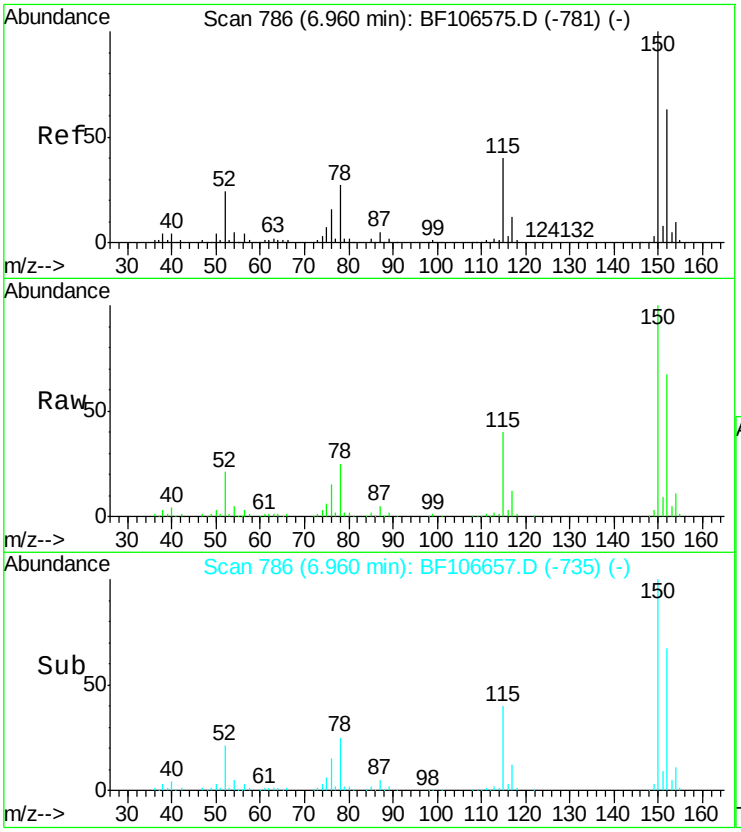


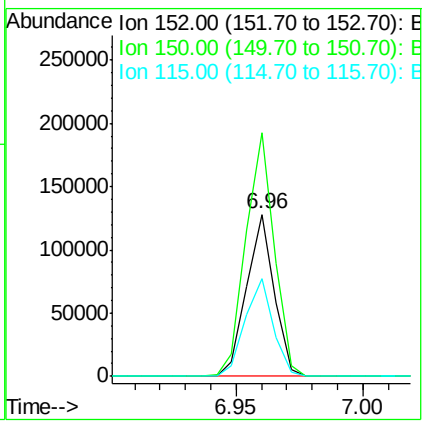


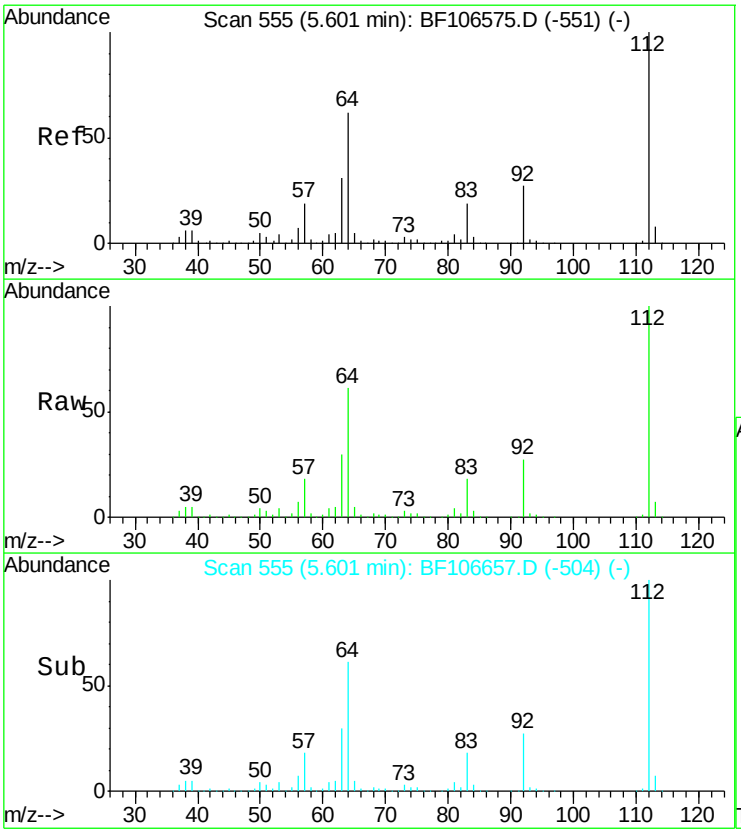
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:152 Resp: 96950

Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.6	186.8
115	59.9	50.1	75.1

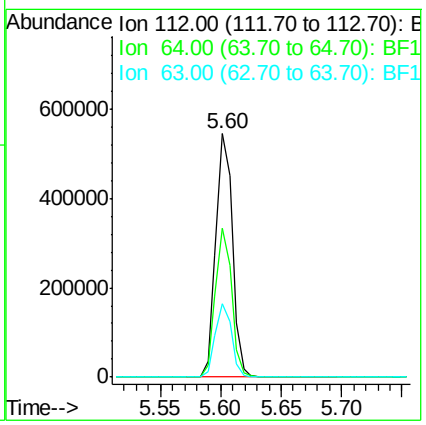


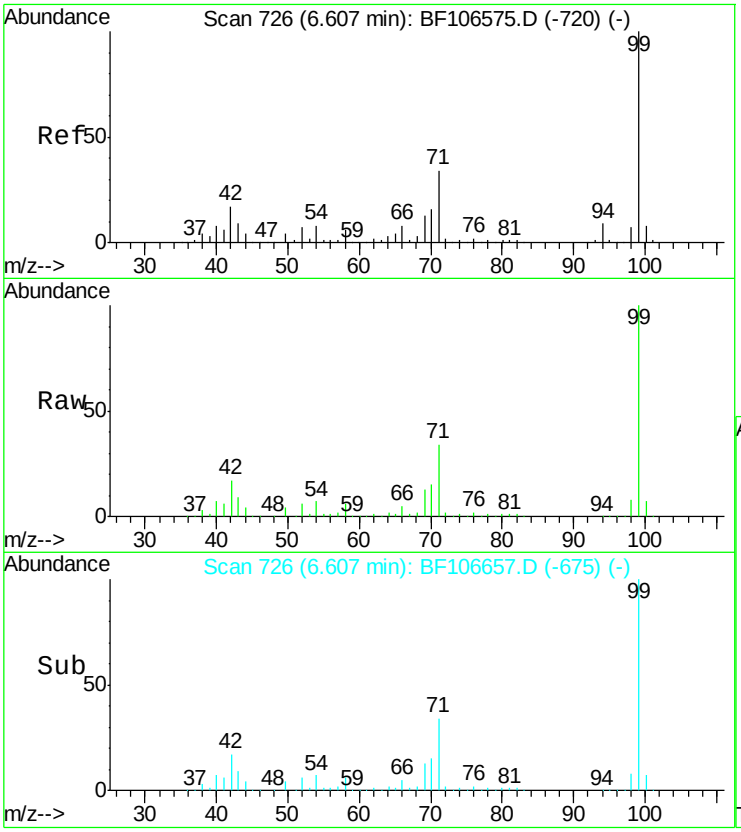


#5
2-Fluorophenol
Concen: 89.787 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:112 Resp: 514068

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.3	23.7	35.5



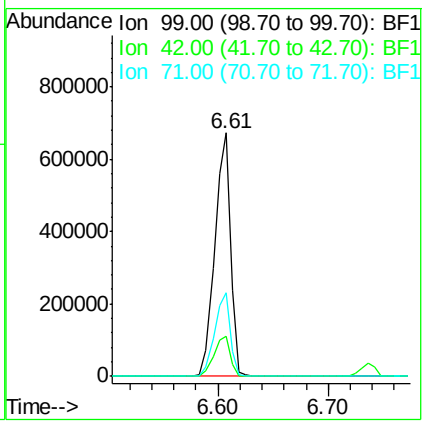


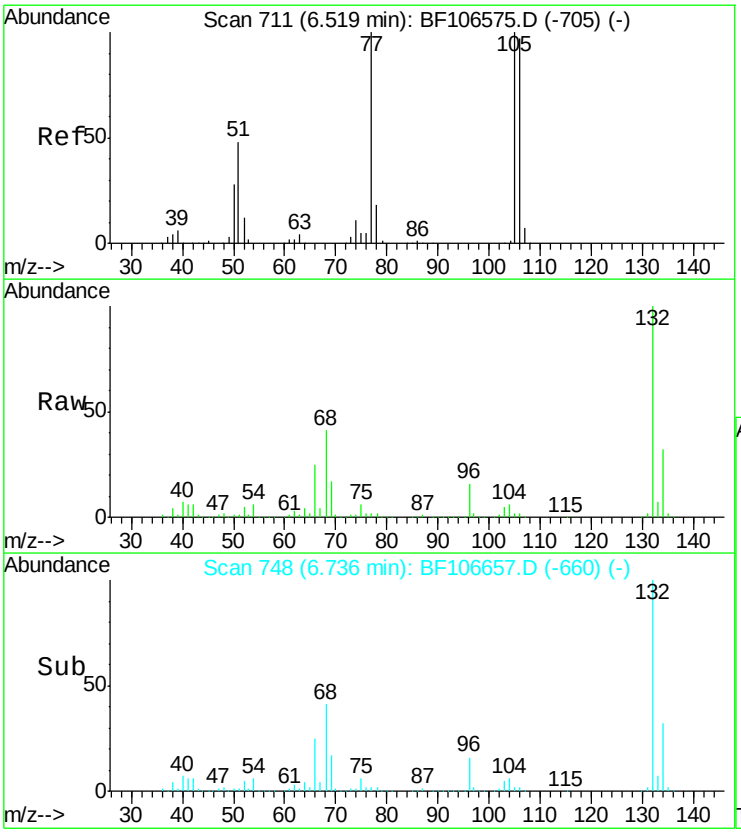
#7
Phenol-d6
Concen: 92.608 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 99 Resp: 662144

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	34.4	25.4	38.0

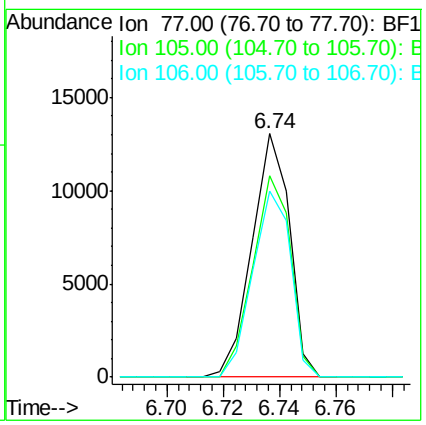


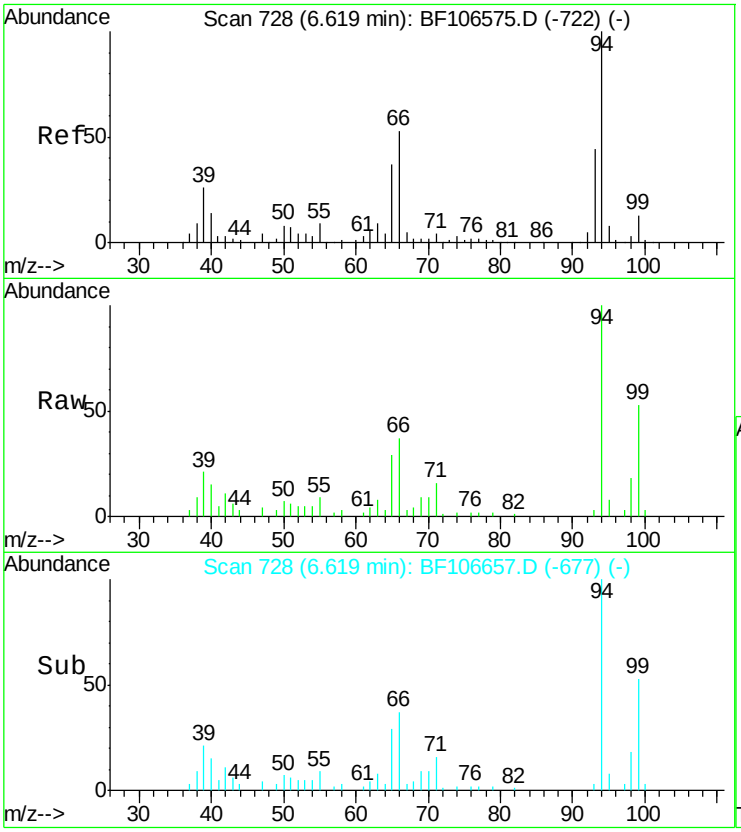


#9
Benzaldehyde
Concen: 2.017 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion: 77 Resp: 12080

Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	76.4	74.5	114.5



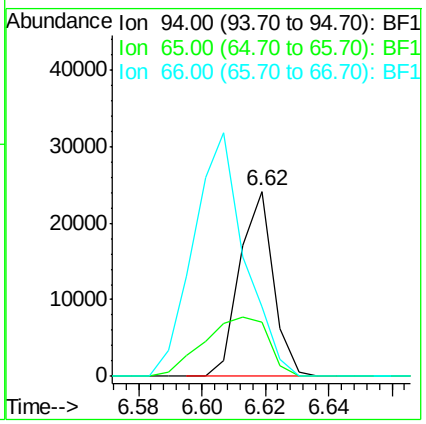


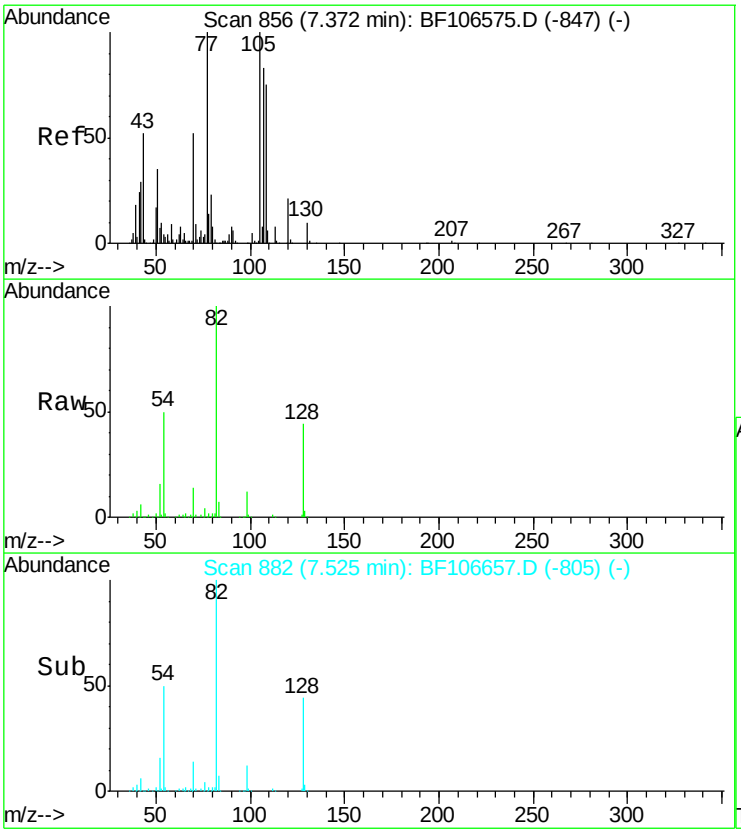
#10
Phenol
Concen: 2.161 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 94 Resp: 17637

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	37.3	16.2	56.2

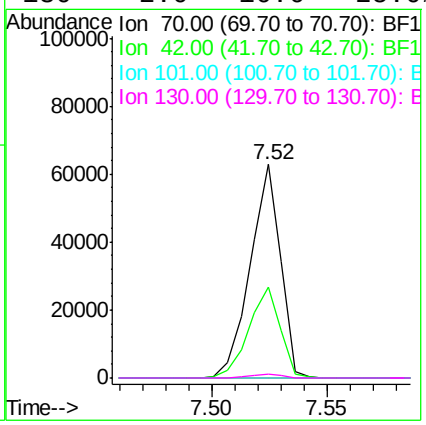


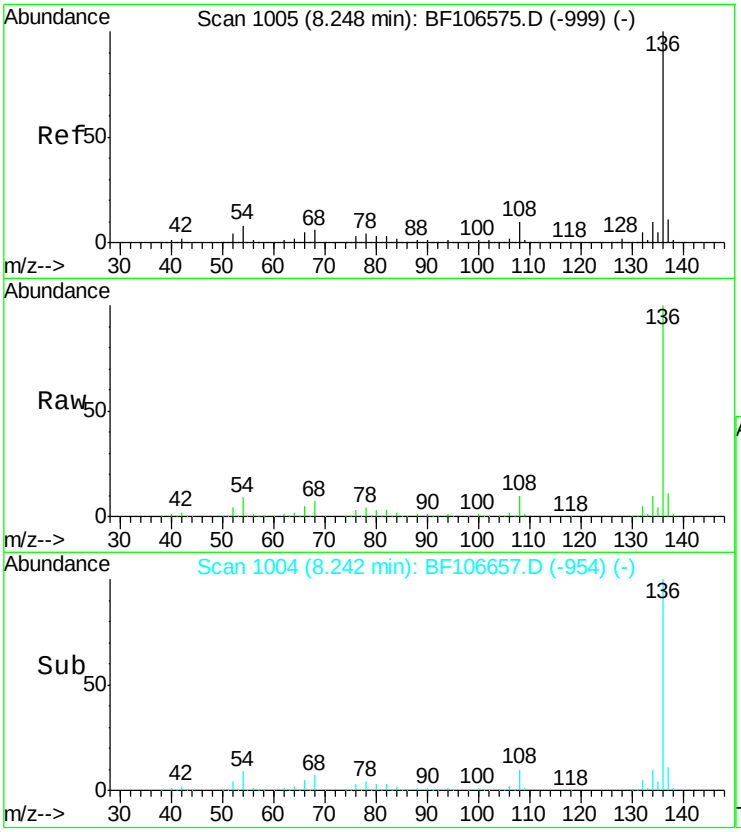


#19
n-Nitroso-di-n-propylamine
Concen: 12.230 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion: 70 Resp: 57640

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



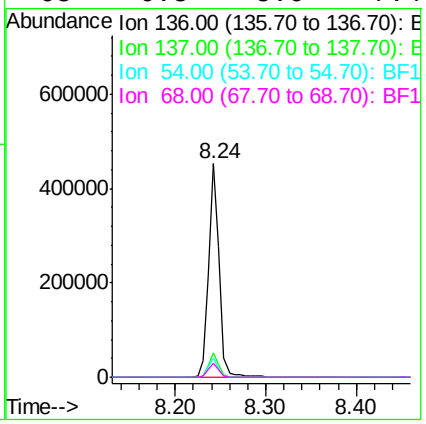


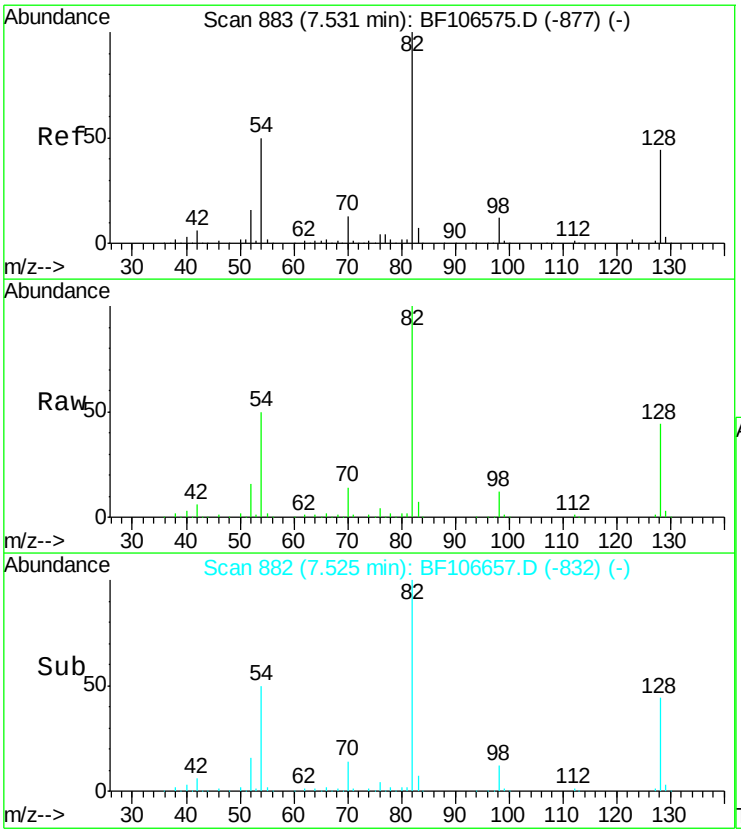
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:136 Resp: 373124

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	6.8	5.0	7.4

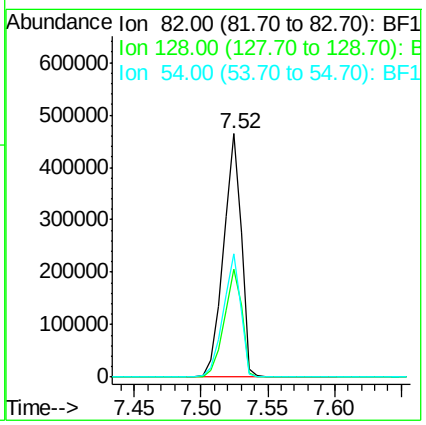


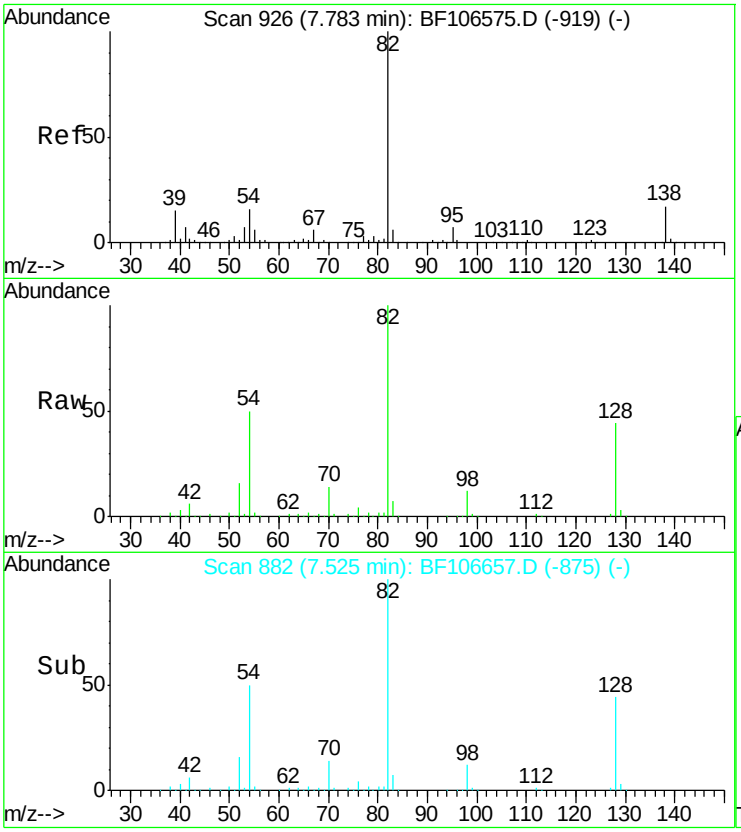


#23
Nitrobenzene-d5
Concen: 65.455 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion: 82 Resp: 439470

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	50.4	41.4	62.2



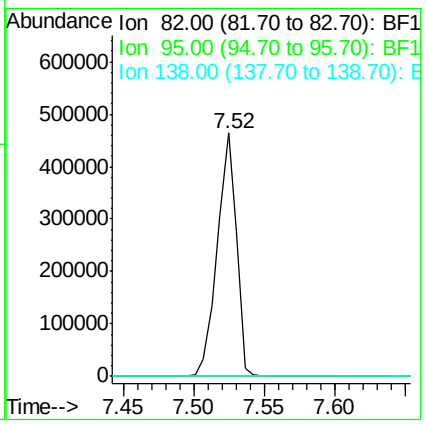


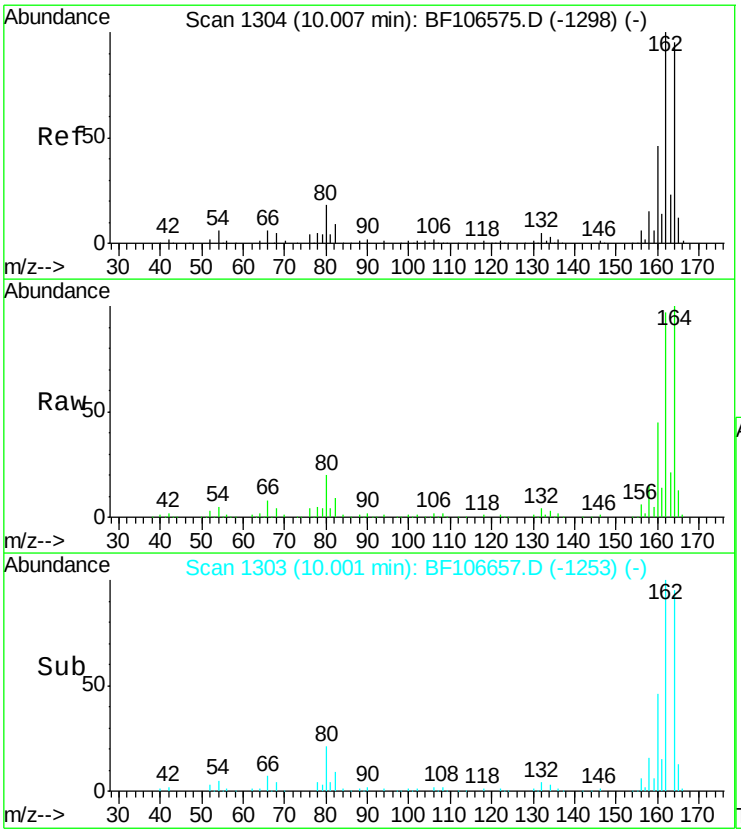
#25
Isophorone
Concen: 37.145 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 82 Resp: 439462

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

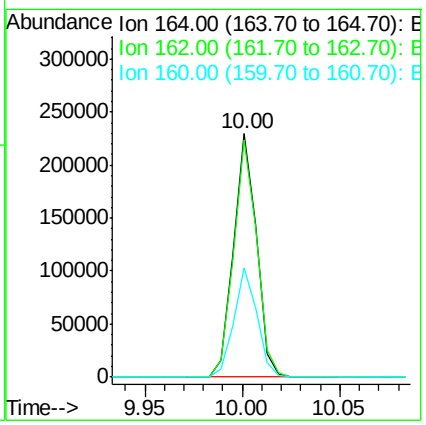


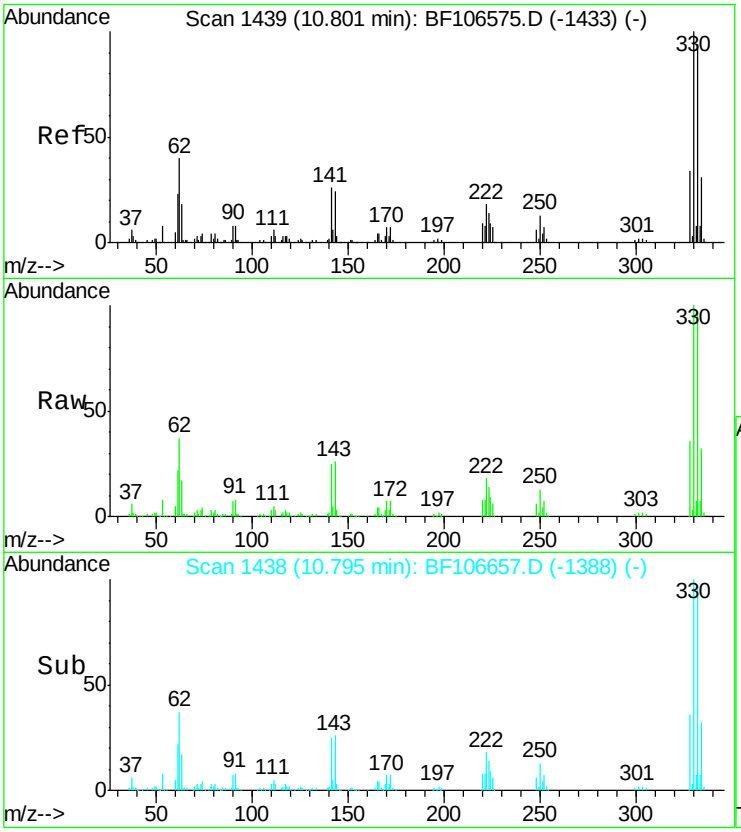


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:164 Resp: 186903

Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	44.7	38.3	57.5



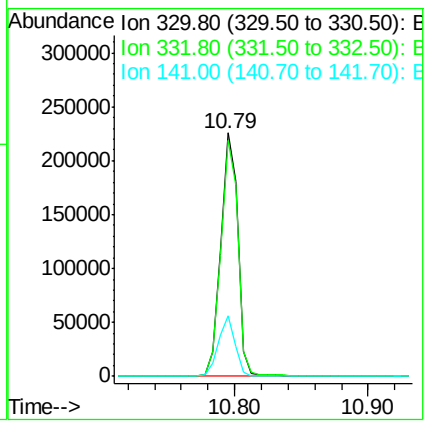


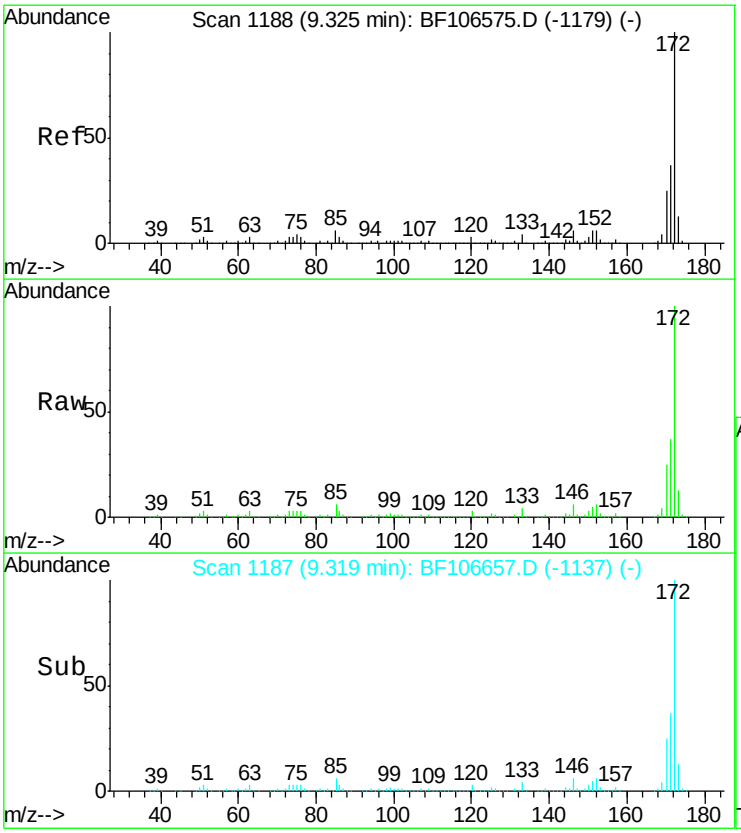
#41
2,4,6-Tribromophenol
Concen: 95.032 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:330 Resp: 205864

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	24.3	29.9	44.9#

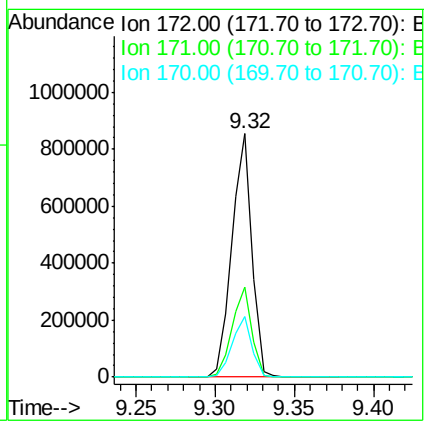


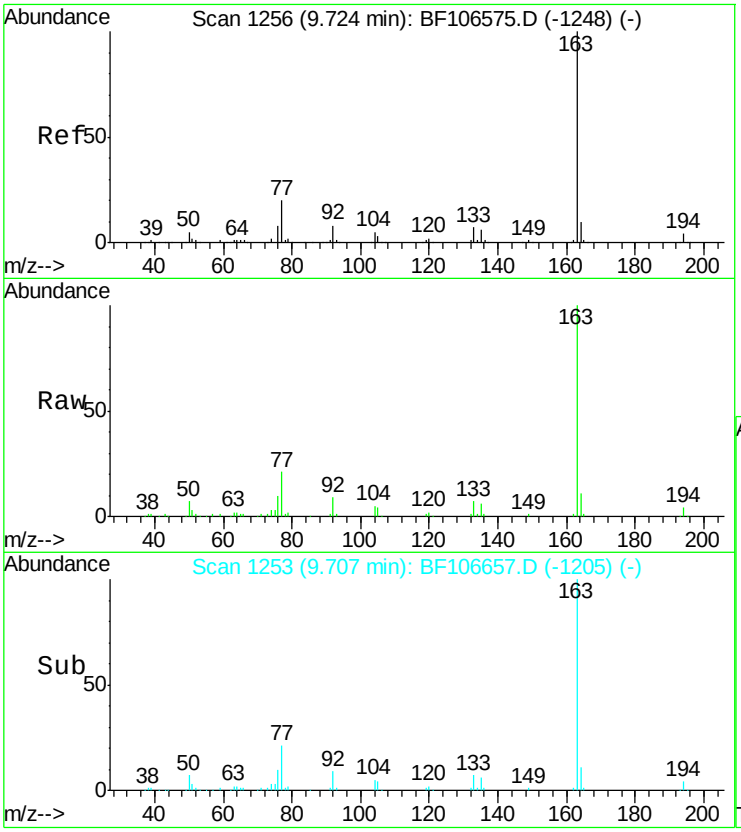


#44
2-Fluorobiphenyl
Concen: 64.351 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:172 Resp: 750143

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.9	19.6	29.4



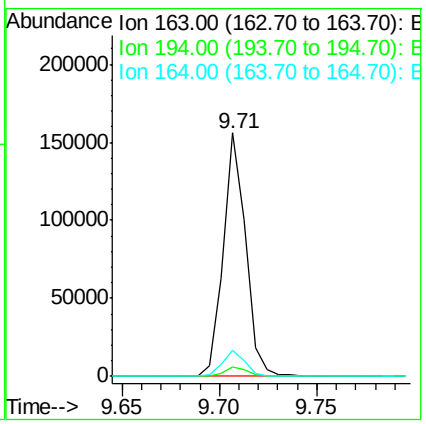


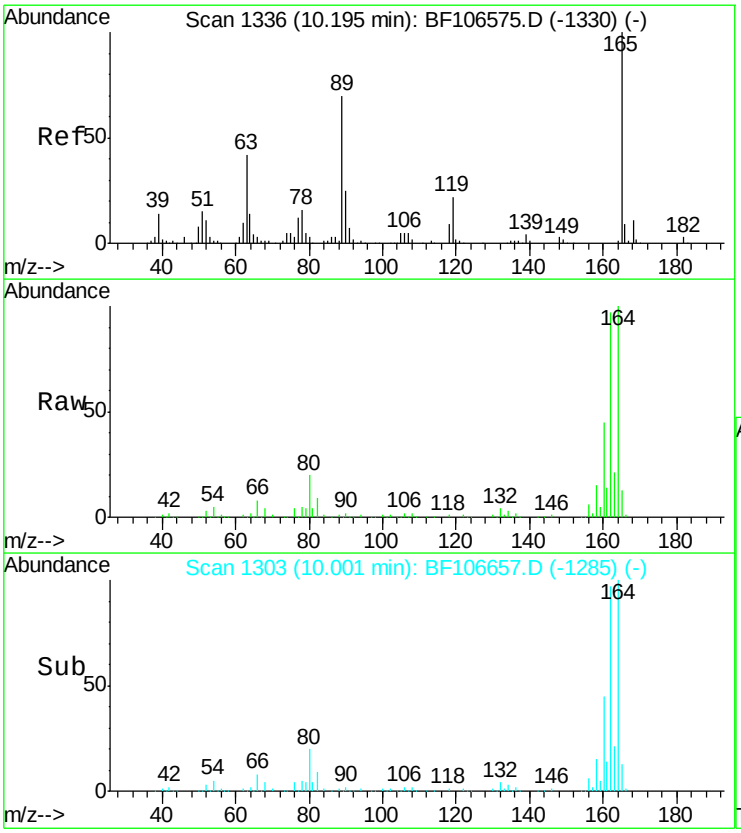
#49
Dimethylphthalate
Concen: 8.848 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:163 Resp: 124028

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.9	8.2	12.2

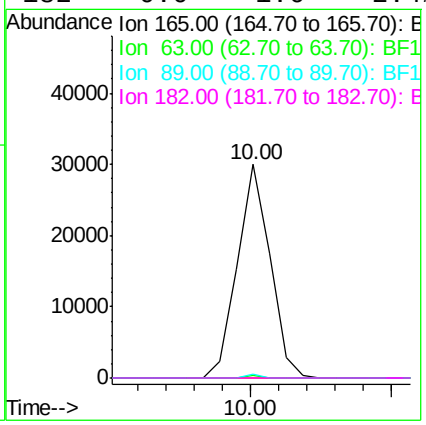


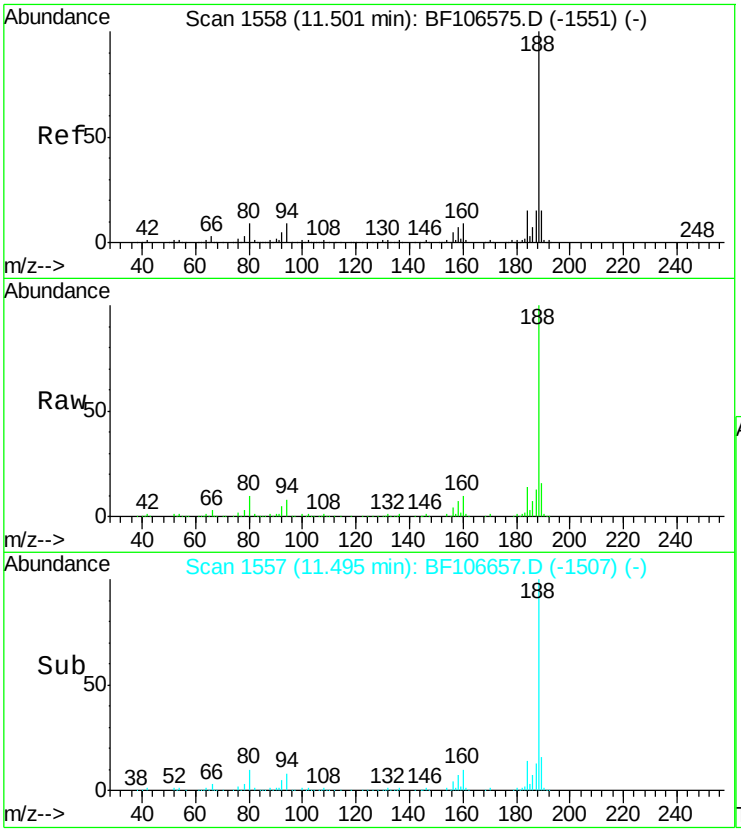


#56
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:165 Resp: 24108

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



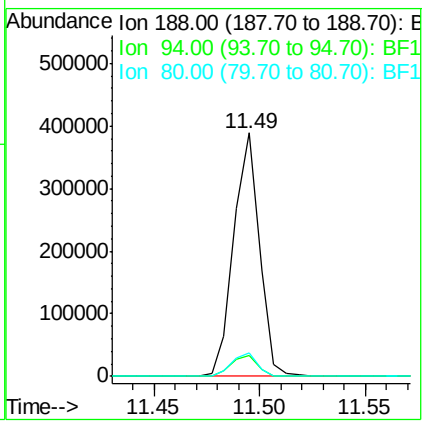


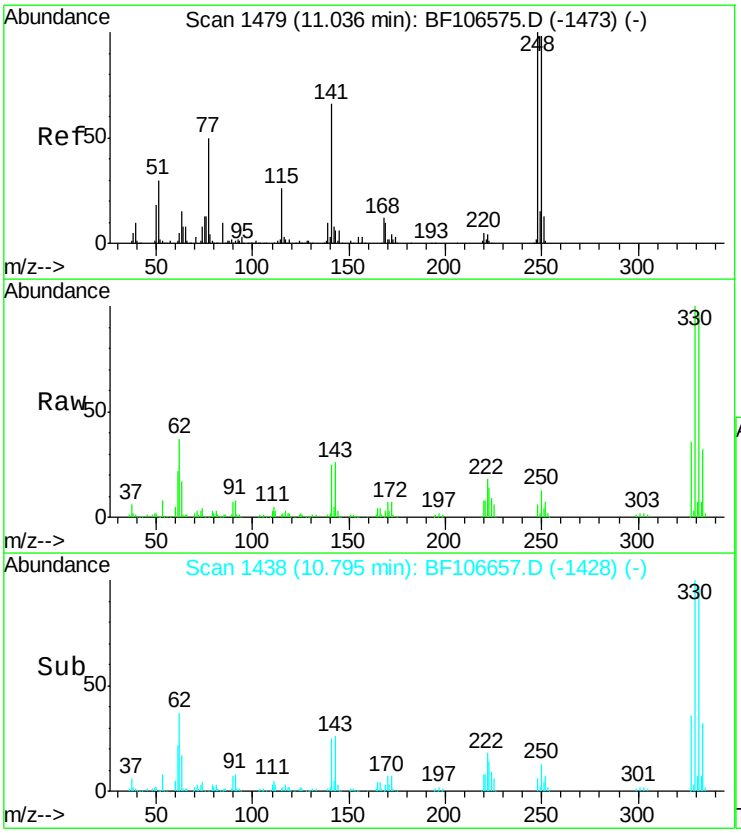
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:188 Resp: 325307

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.5	9.2	13.8

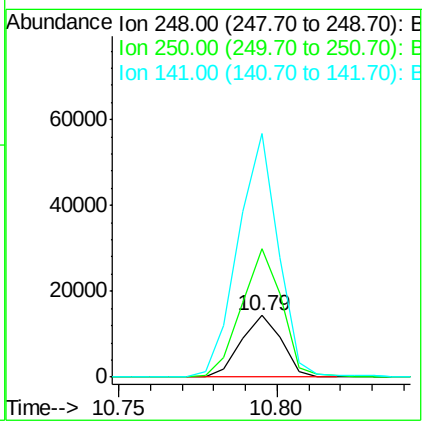


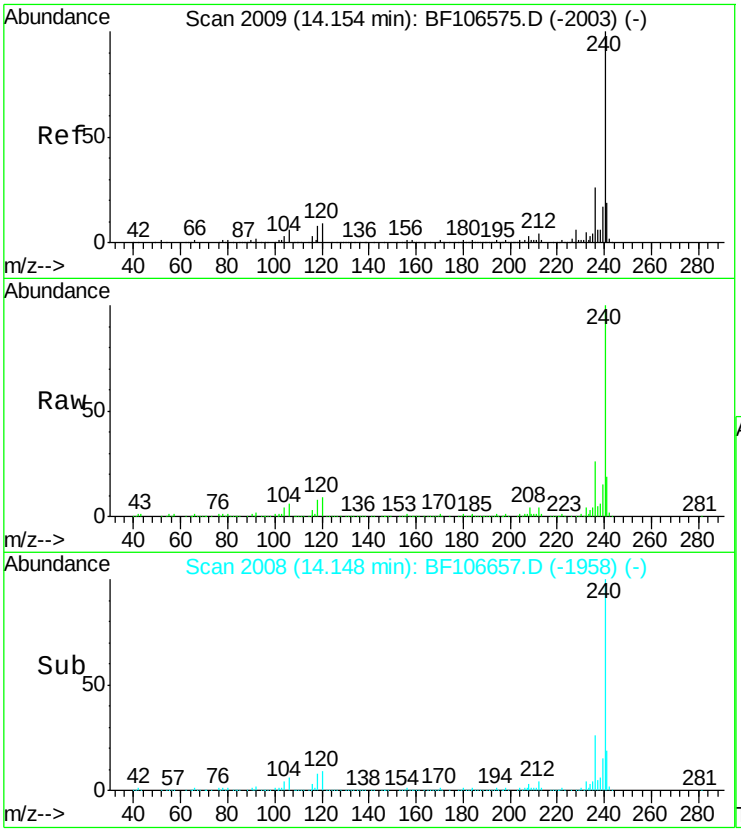


#66
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:248 Resp: 12701

Ion	Ratio	Lower	Upper
248	100		
250	209.3	76.9	115.3#
141	396.1	74.4	111.6#



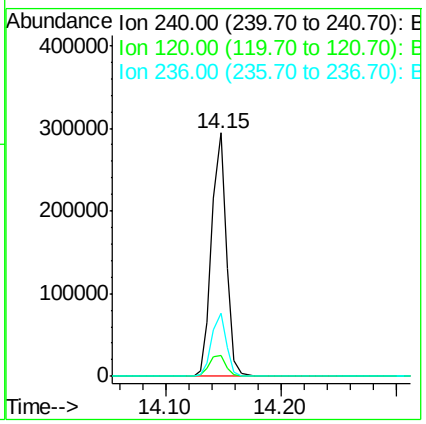


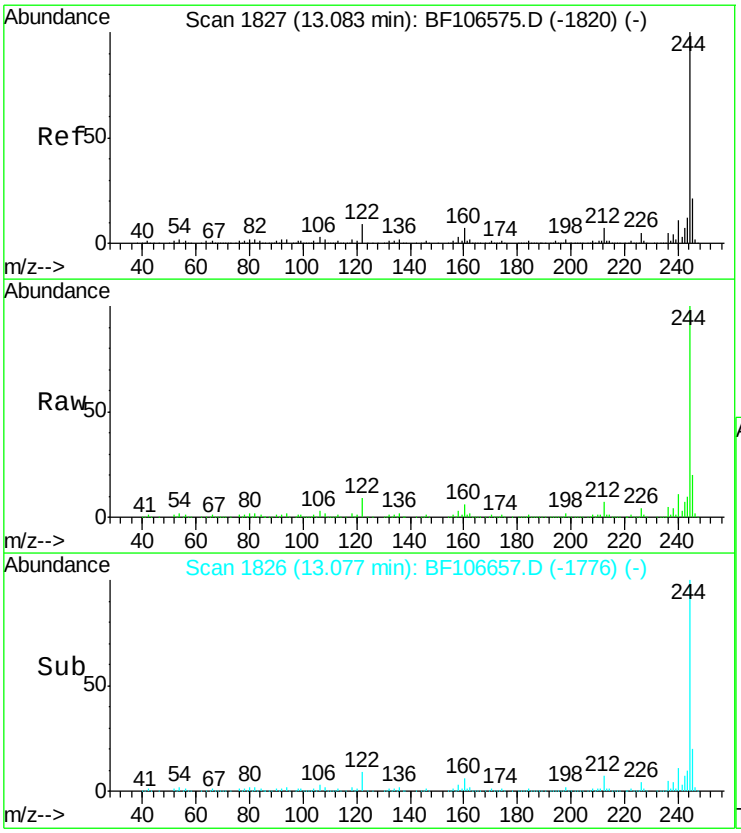
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:240 Resp: 263195

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.7	20.7	31.1

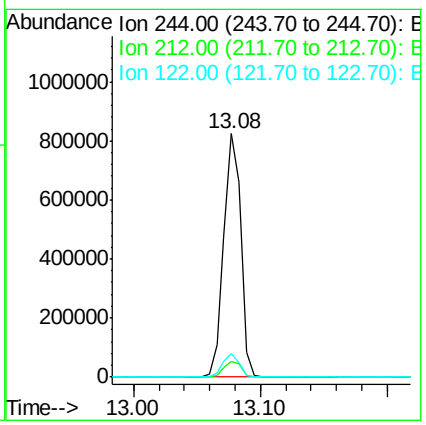


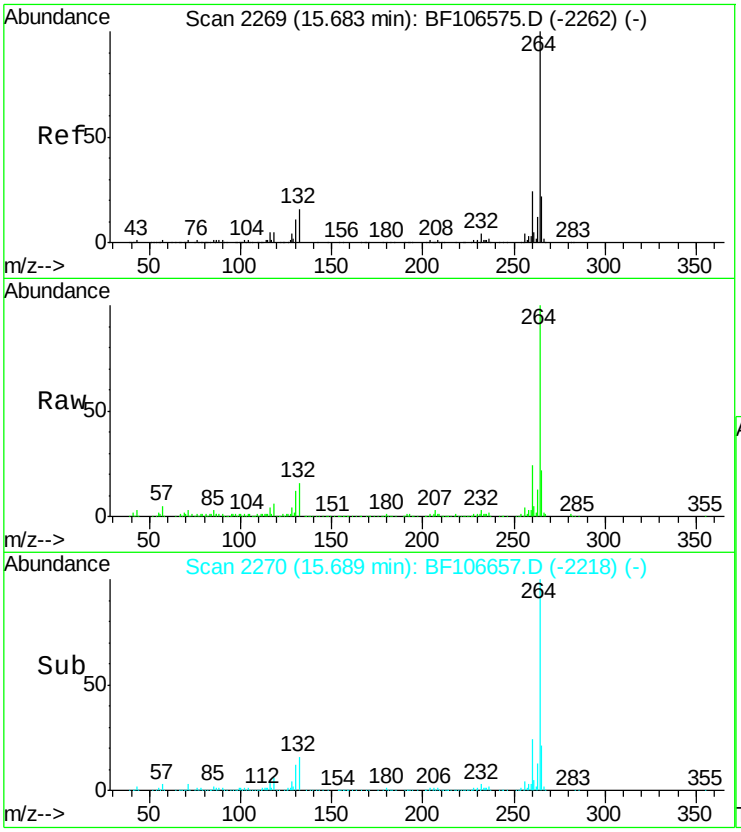


#78
Terphenyl-d14
Concen: 70.789 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:244 Resp: 769153

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:264 Resp: 209059

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3