Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106738.D
Acq On : 23 Jun 2018 5:08
Operator : JU/SJ
Sample : J3634-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-002A-062018

Quant Time: Jun 25 01:16:33 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	54776	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	203817	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	100368	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	168834	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	149449	20.00	ng		-0.01
86) Perylene-d12	15.68	264	147900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	177594	54.90	ng		0.00
7) Phenol-d6	6.59	99	144634	35.80	ng		-0.02
23) Nitrobenzene-d5	7.52	82	288749	78.73	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	132059	113.52	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	506419	85.49	ng		-0.01
78) Terphenyl-d14	13.08	244	467243	75.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	6849	2.024	ng	#	81
10) Phenol	6.61	94	9294	2.016	ng		99
19) n-Nitroso-di-n-propylamine	7.52	70	37342	14.023	ng	#	72
25) Isophorone	7.52	82	288745	44.679	ng	#	64
49) Dimethylphthalate	9.70	163	32169	4.273	ng	#	97
50) 2,6-Dinitrotoluene	10.00	165	12749	7.998	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	12749	6.127	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	8133	4.036	ng	#	1

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

Quantitation Report (Not Reviewed)

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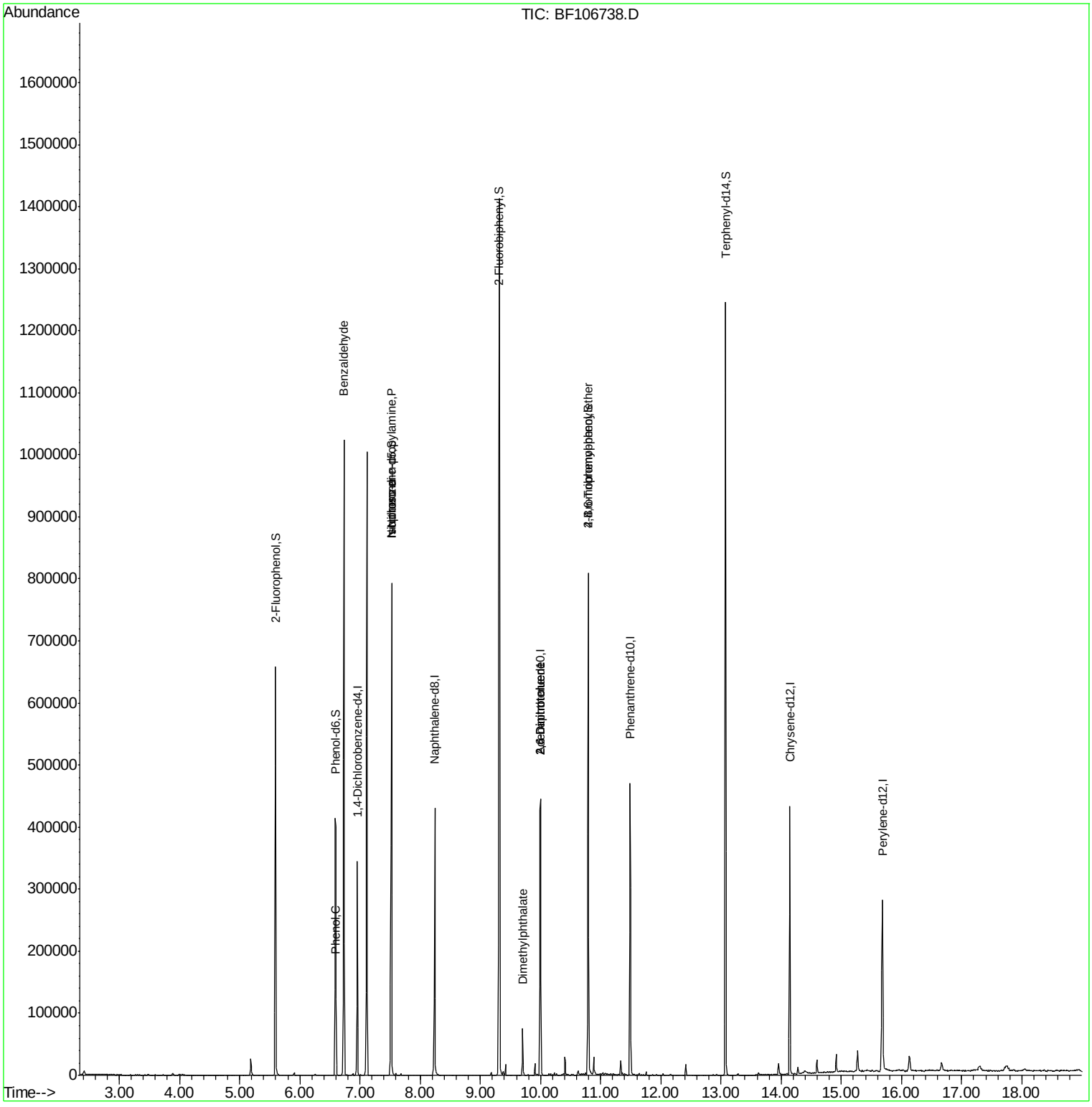
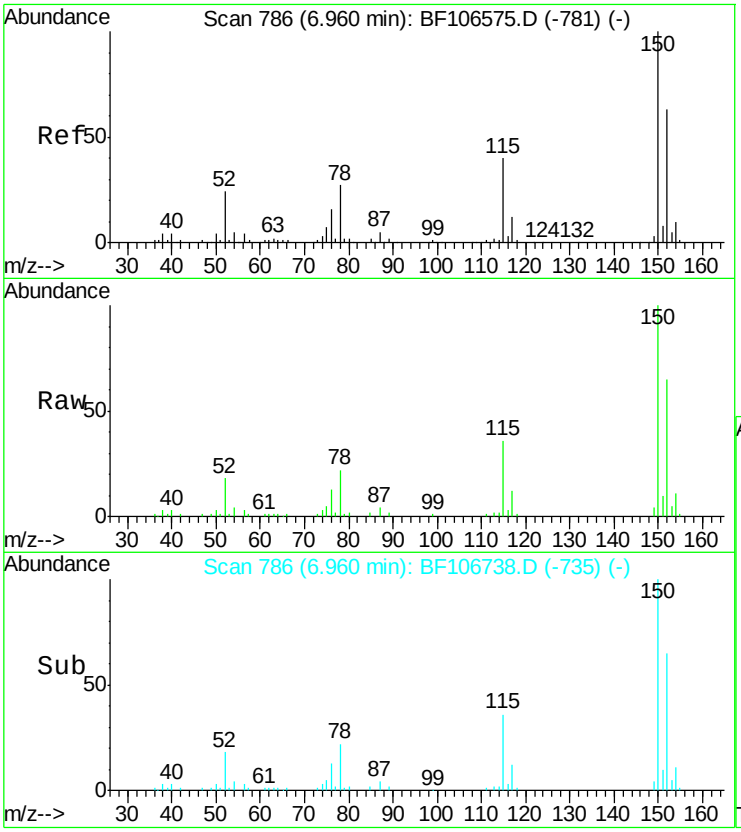


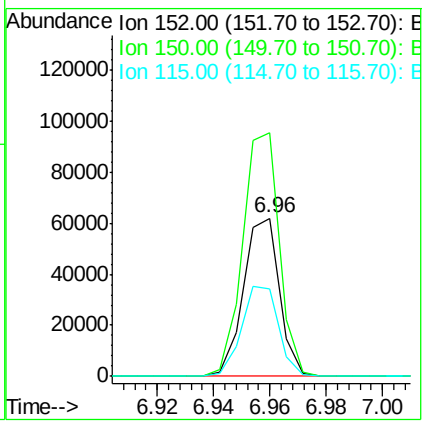


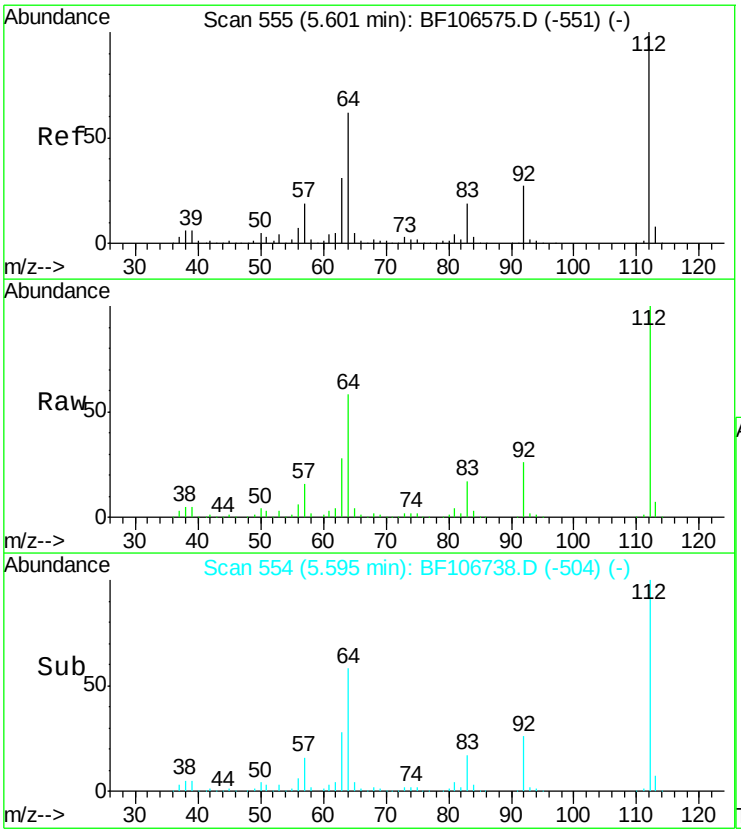
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:152 Resp: 54776

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	54.9	50.1	75.1

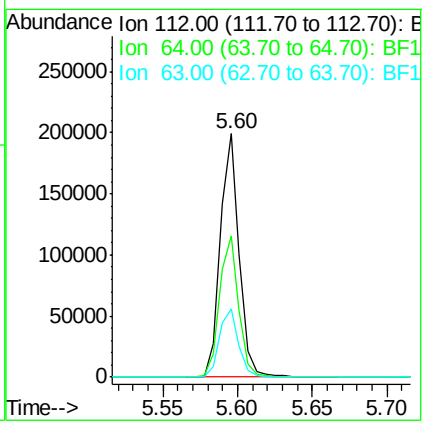


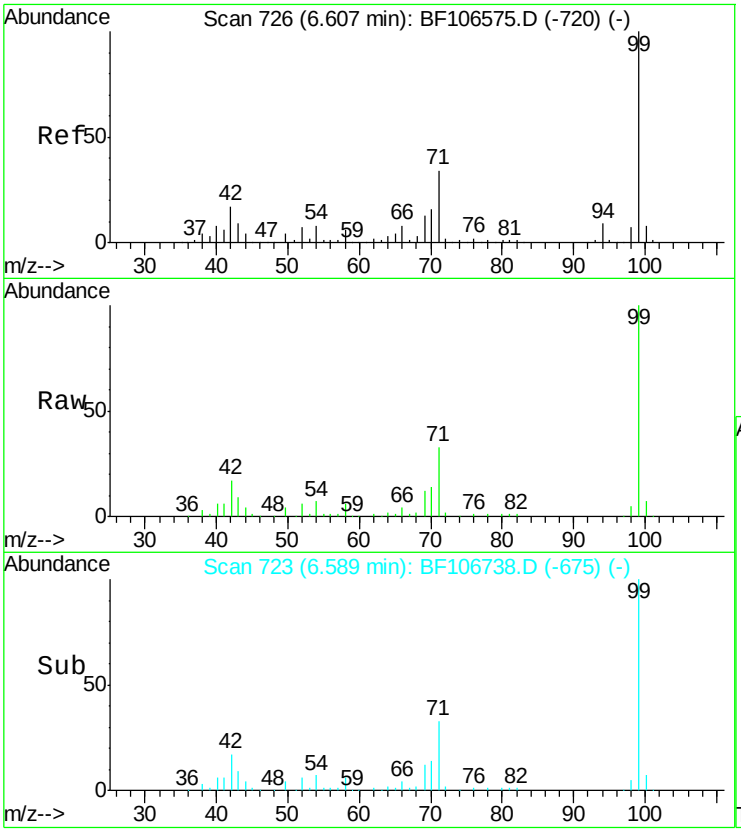


#5
2-Fluorophenol
Concen: 54.901 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:112 Resp: 177594

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	27.8	23.7	35.5



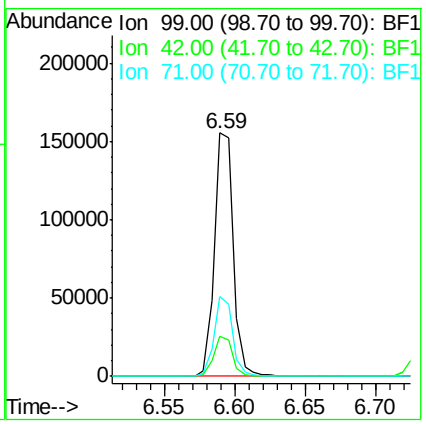


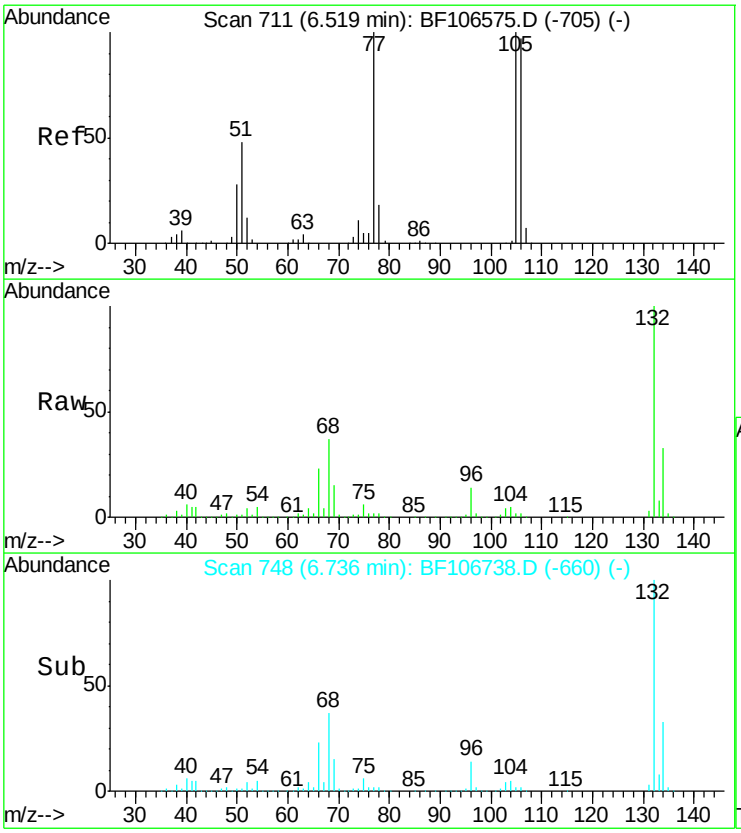
#7
Phenol-d6
Concen: 35.803 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion: 99 Resp: 144634

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.0	25.4	38.0

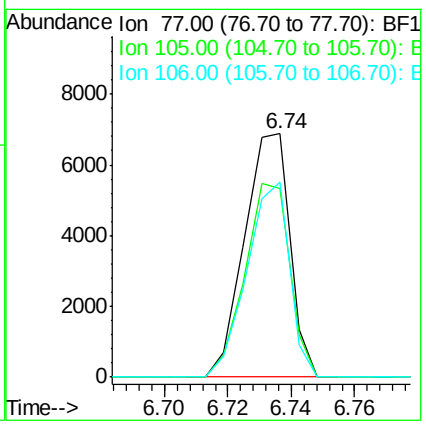


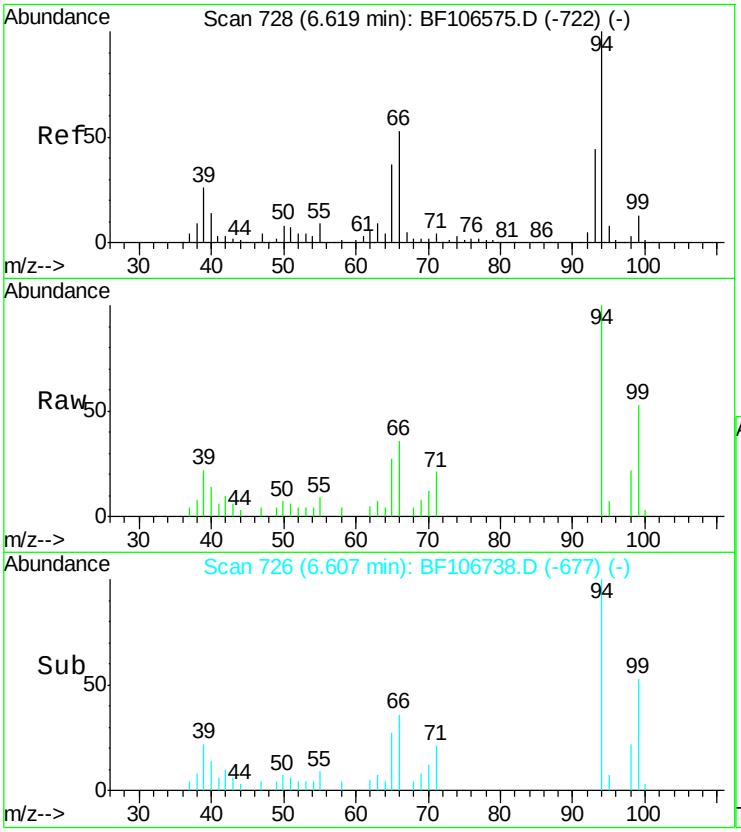


#9
Benzaldehyde
Concen: 2.024 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion: 77 Resp: 6849

Ion	Ratio	Lower	Upper
77	100		
105	77.6	81.1	121.1#
106	80.0	74.5	114.5



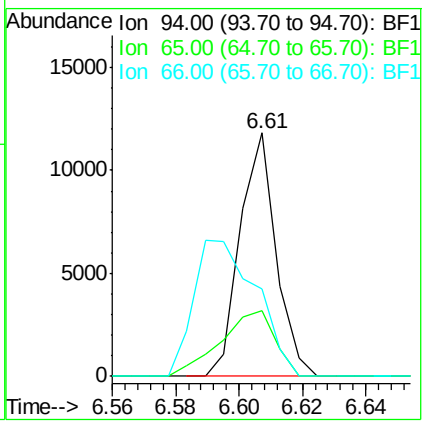


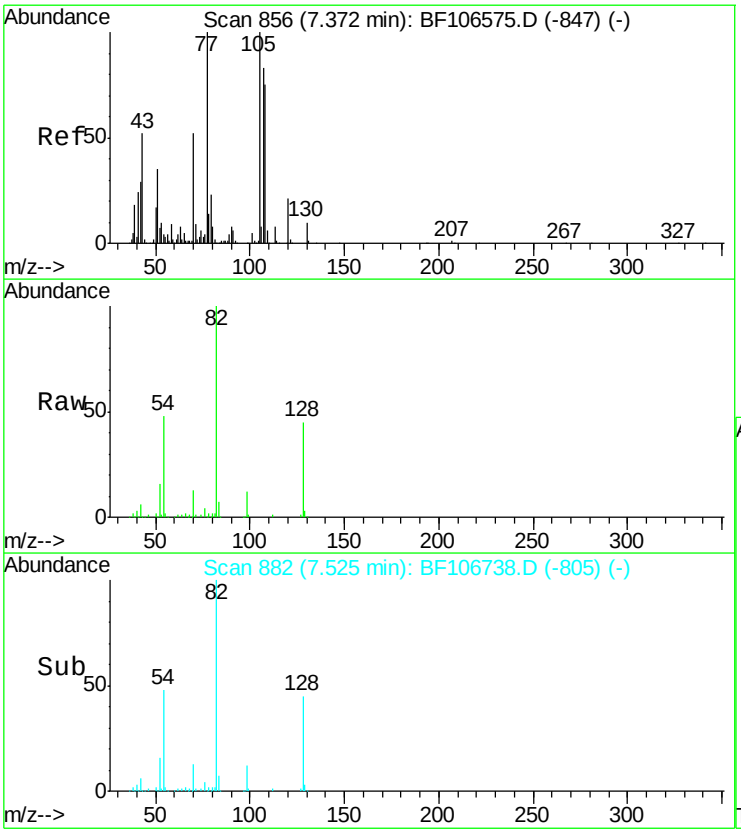
#10
Phenol
Concen: 2.016 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion: 94 Resp: 9294

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	36.1	16.2	56.2

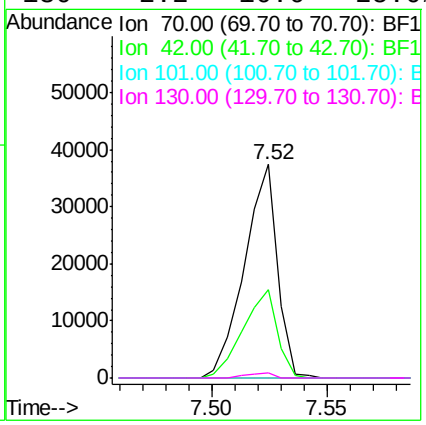


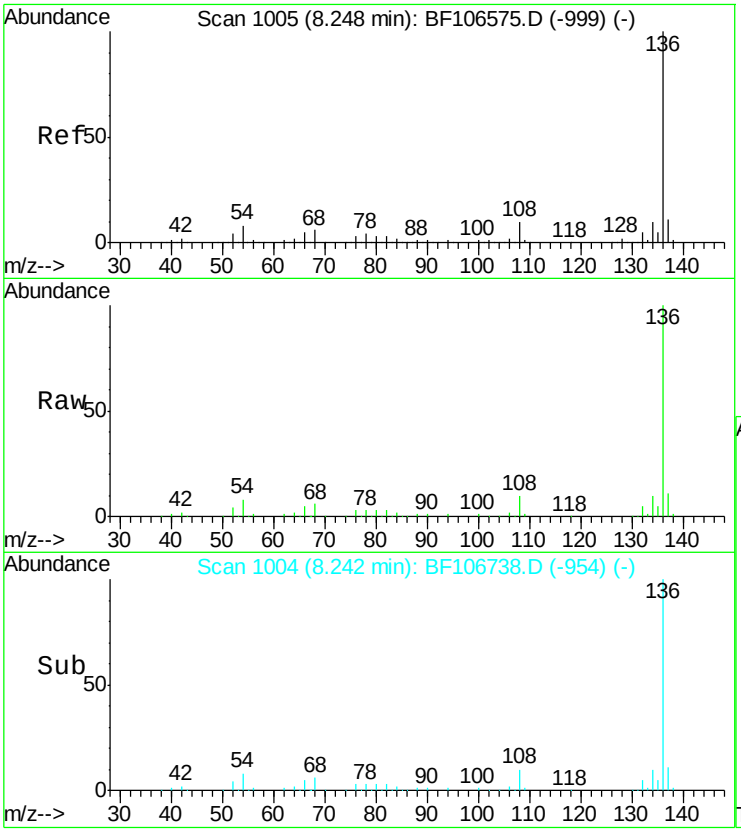


#19
n-Nitroso-di-n-propylamine
Concen: 14.023 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion: 70 Resp: 37342

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



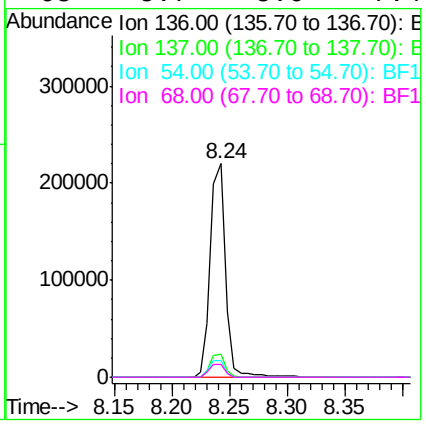


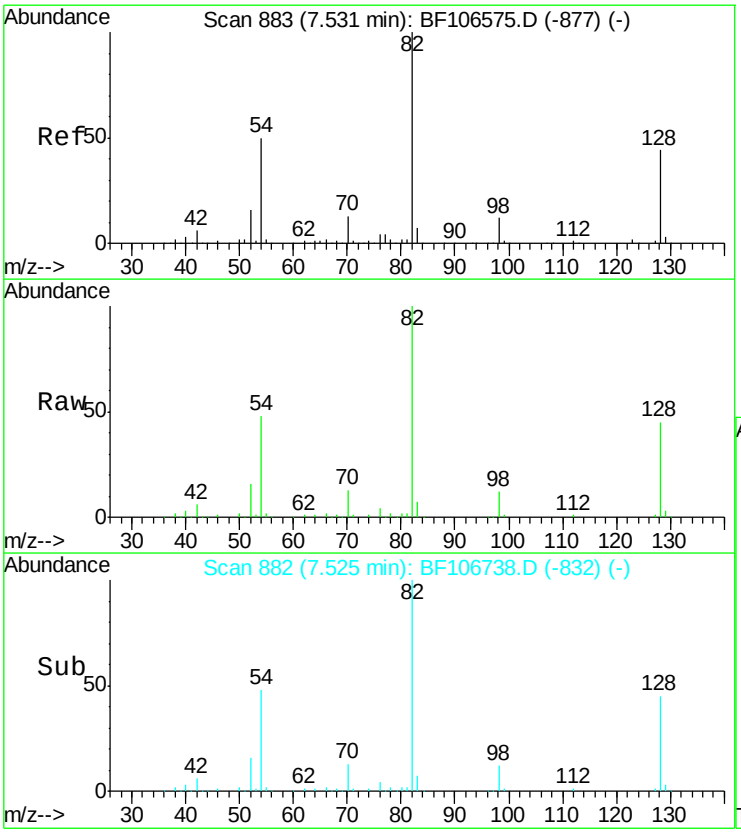
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:136 Resp: 203817

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

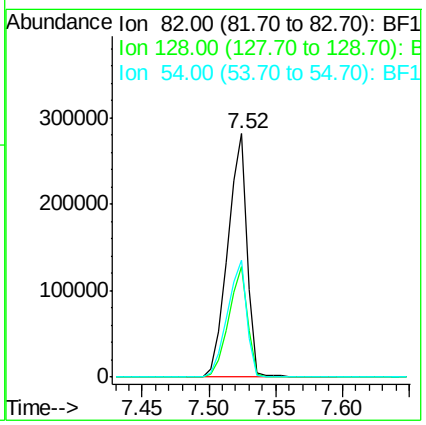


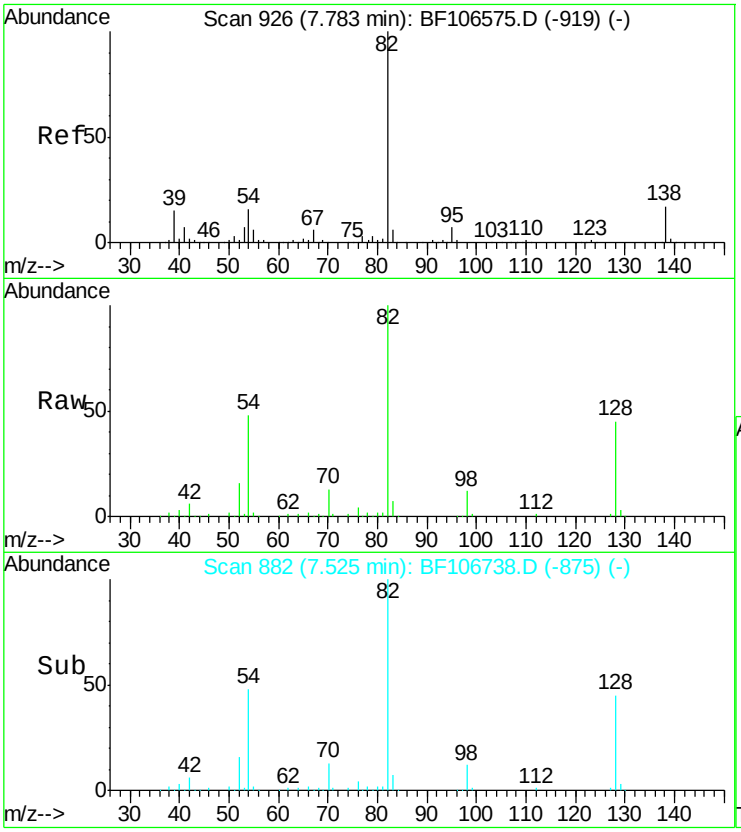


#23
Nitrobenzene-d5
Concen: 78.731 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion: 82 Resp: 288749

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	48.0	41.4	62.2



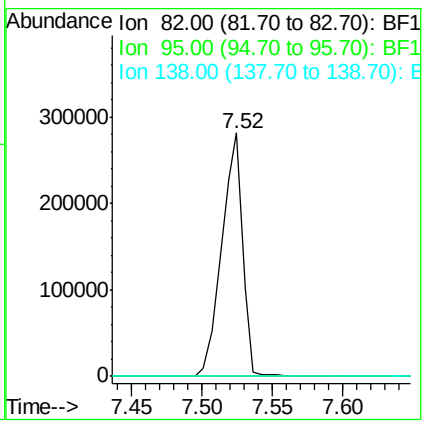


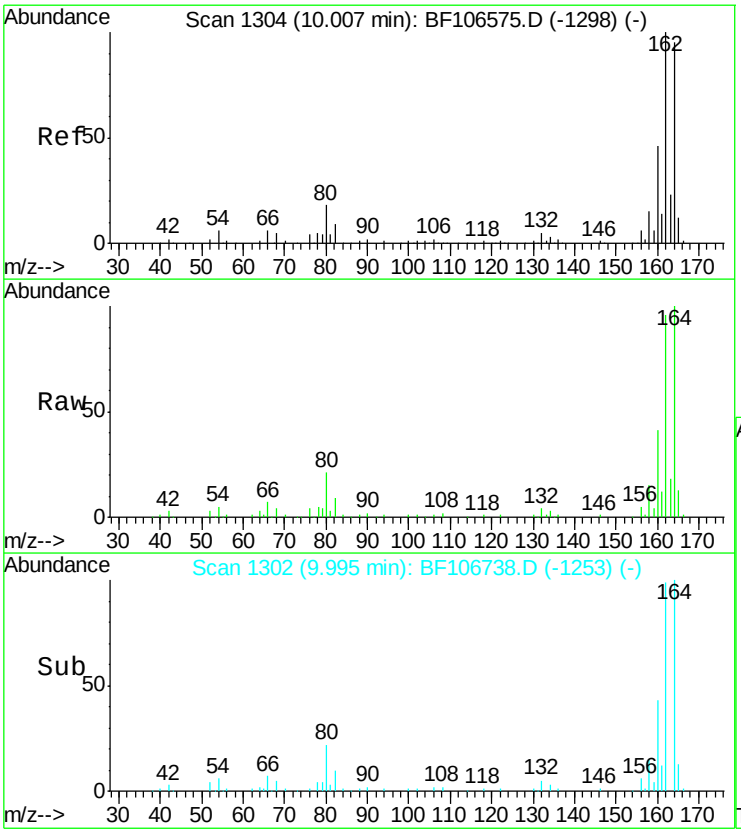
#25
Isophorone
Concen: 44.679 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion: 82 Resp: 288745

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

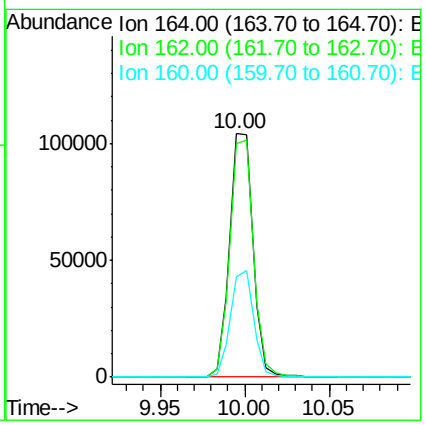


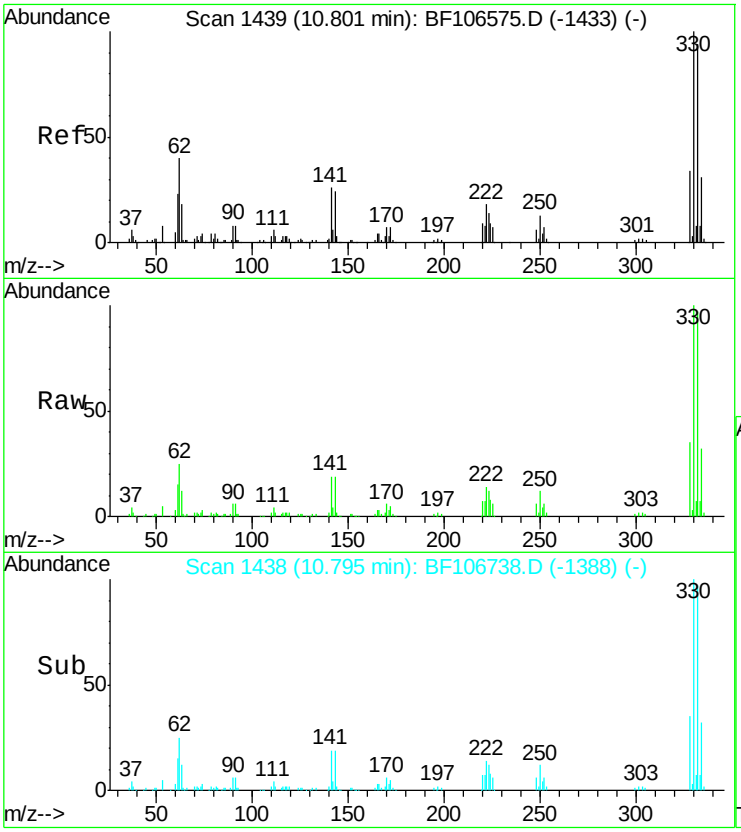


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:164 Resp: 100368

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	41.3	38.3	57.5



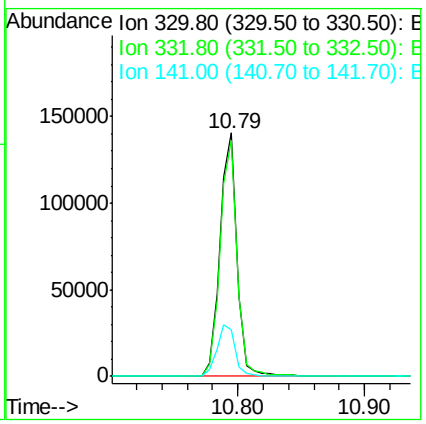


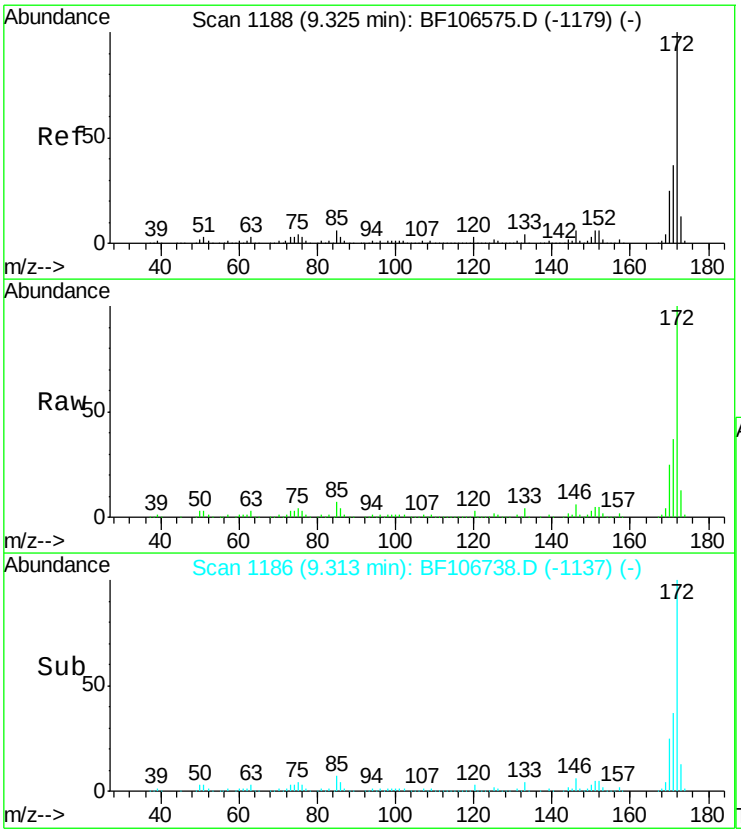
#41
2,4,6-Tribromophenol
Concen: 113.522 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:330 Resp: 132059

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	22.7	29.9	44.9#

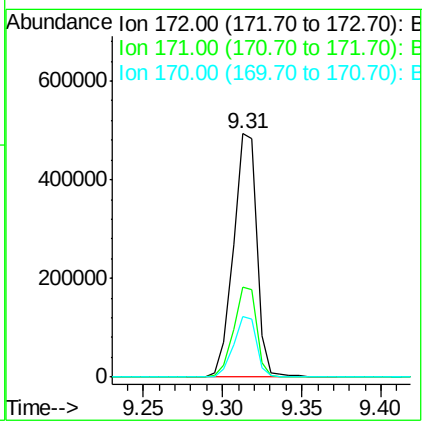


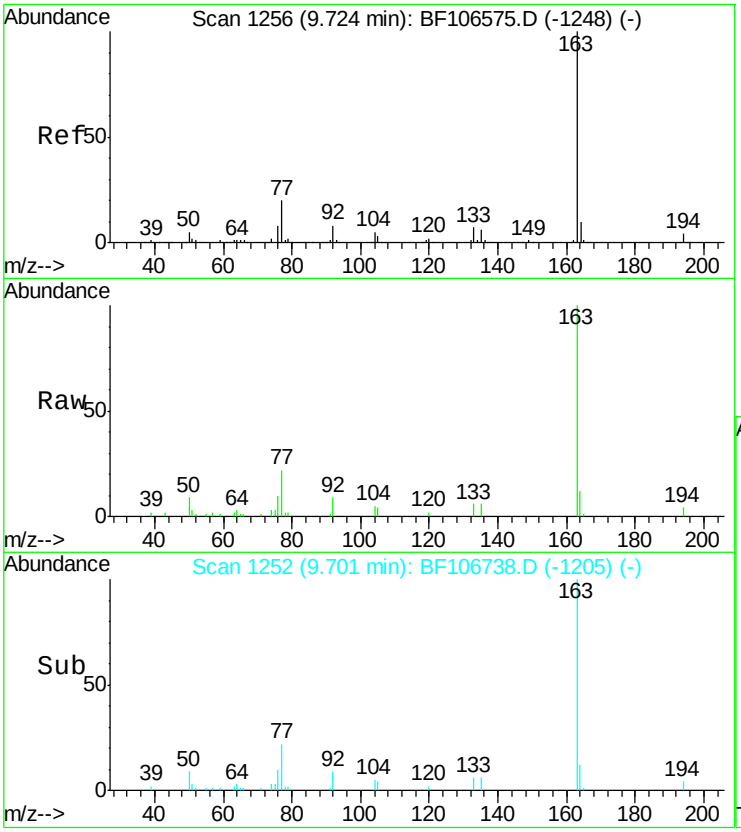


#44
2-Fluorobiphenyl
Concen: 85.488 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:172 Resp: 506419

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



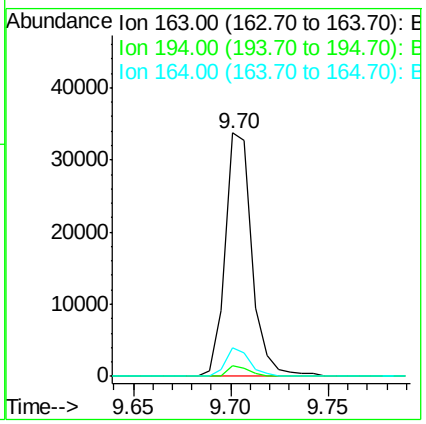


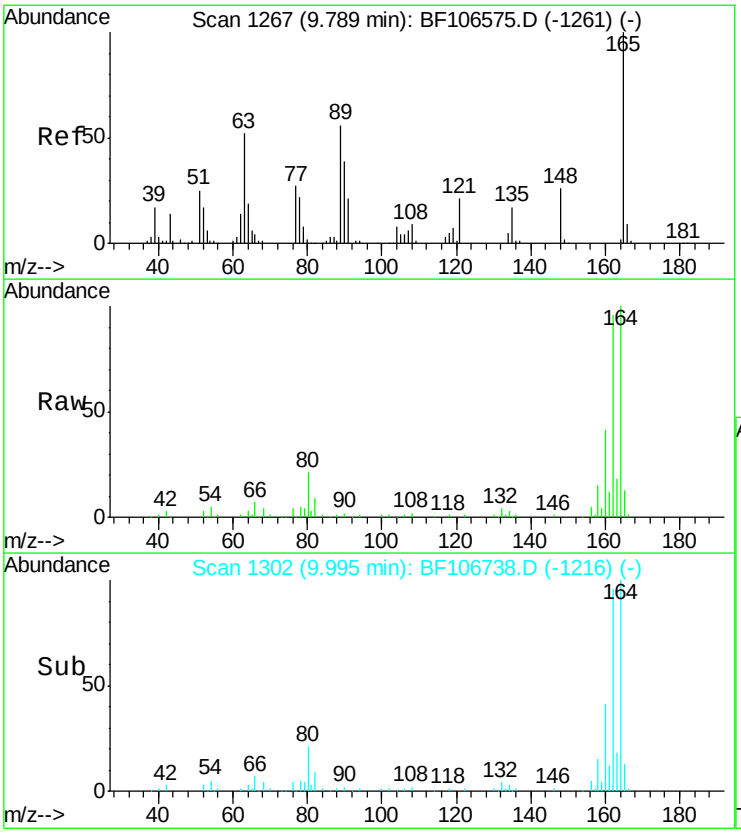
#49
Dimethylphthalate
Concen: 4.273 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:163 Resp: 32169

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.6	8.2	12.2

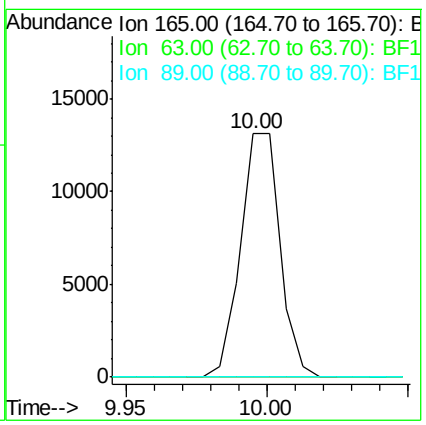


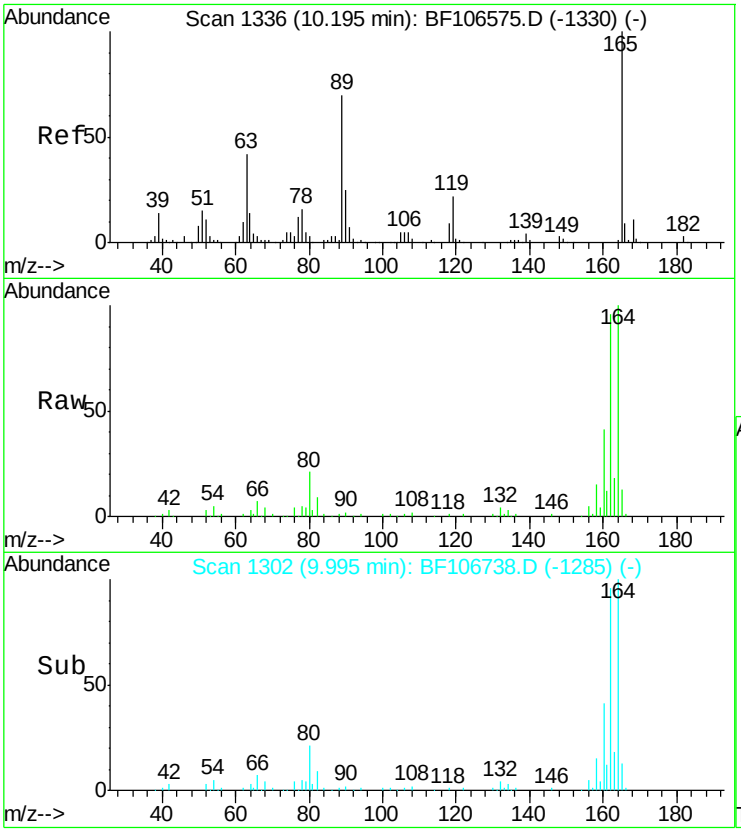


#50
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.21 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:165 Resp: 12749

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



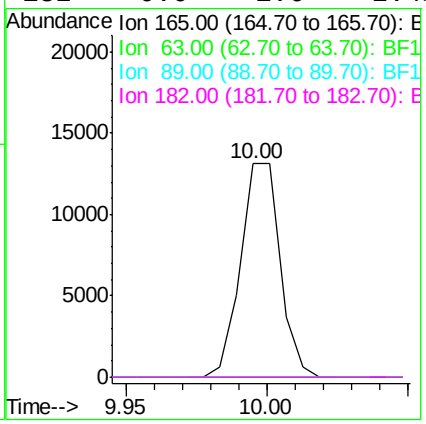


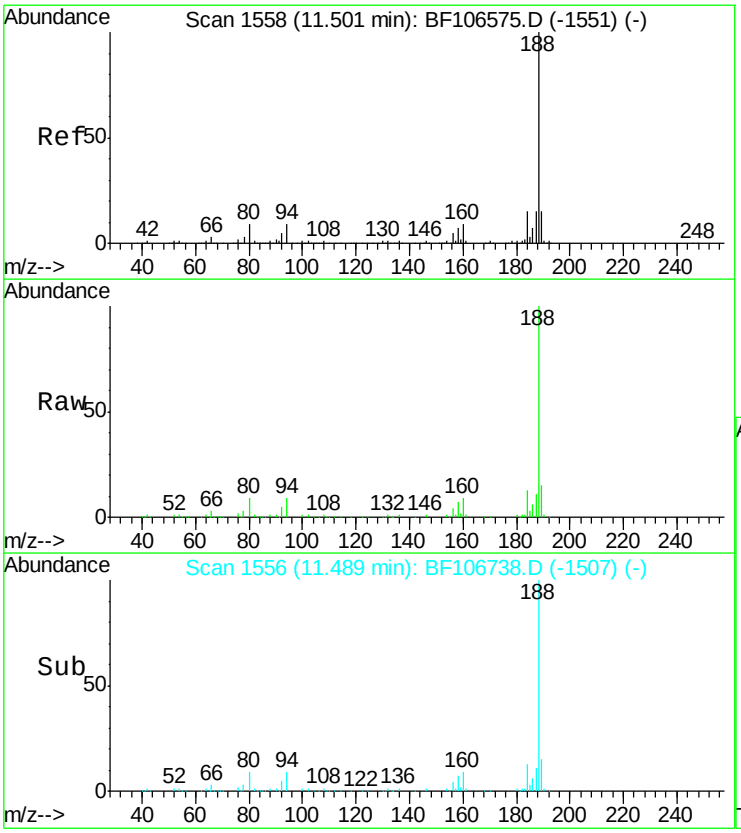
#56
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.20 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:165 Resp: 12749

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#

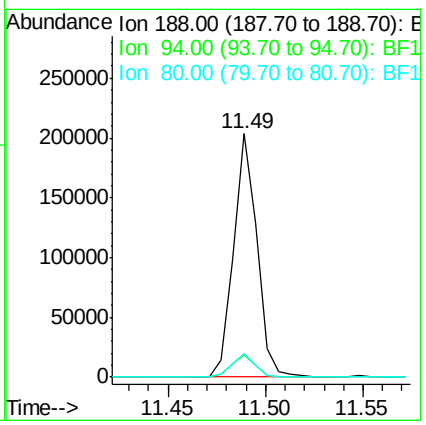


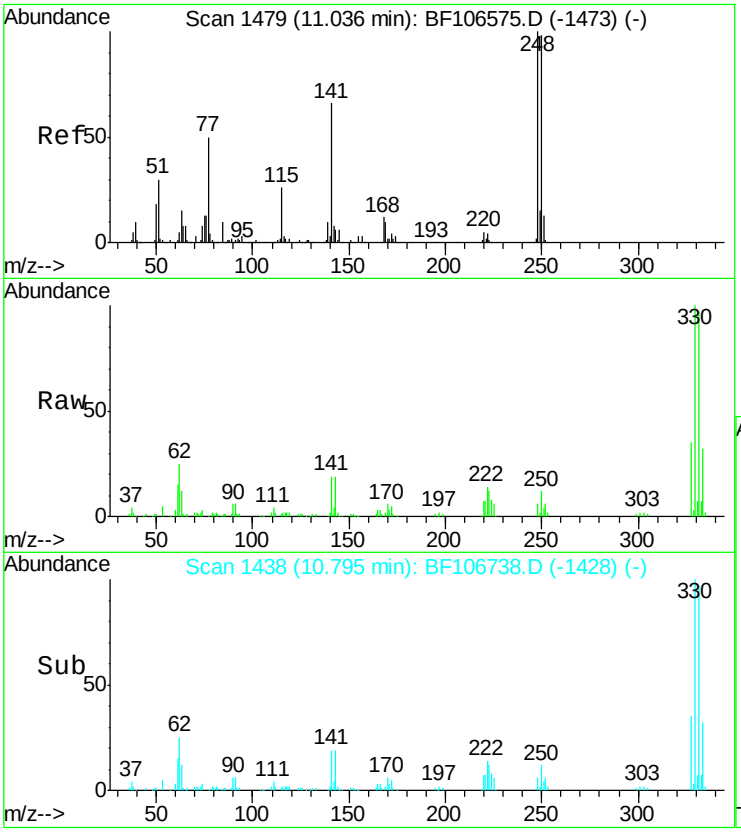


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:188 Resp: 168834

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8



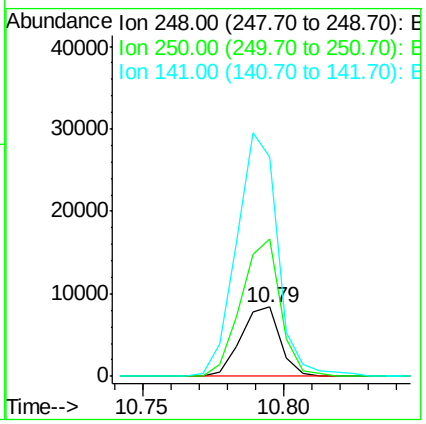


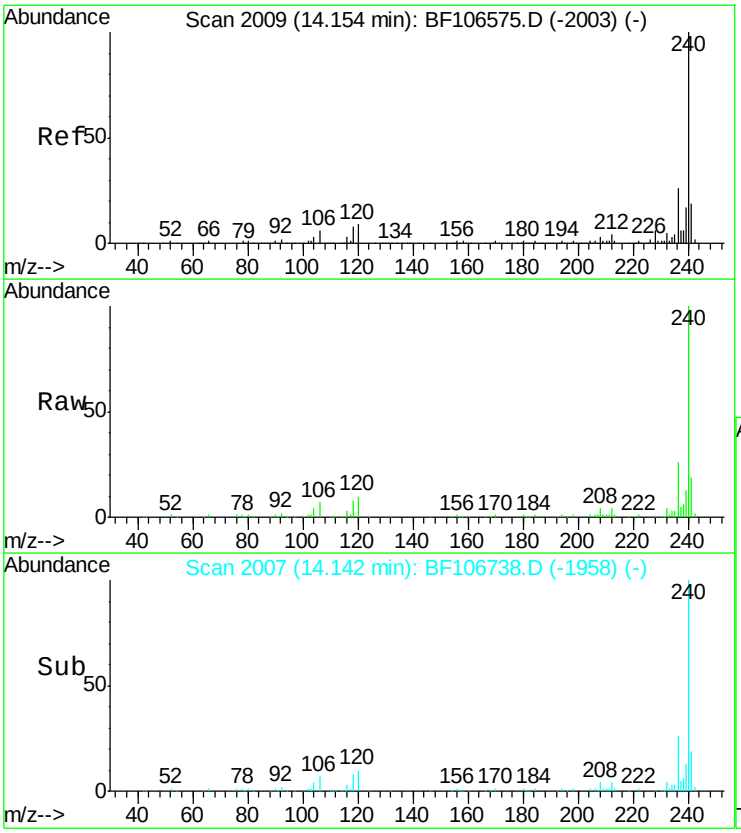
#66
4-Bromophenyl-phenylether
Concen: 4.036 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:248 Resp: 8133

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	316.6	74.4	111.6#

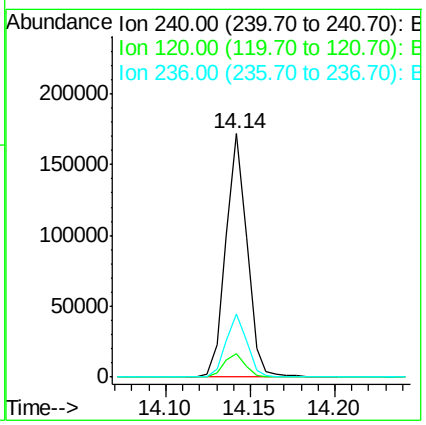


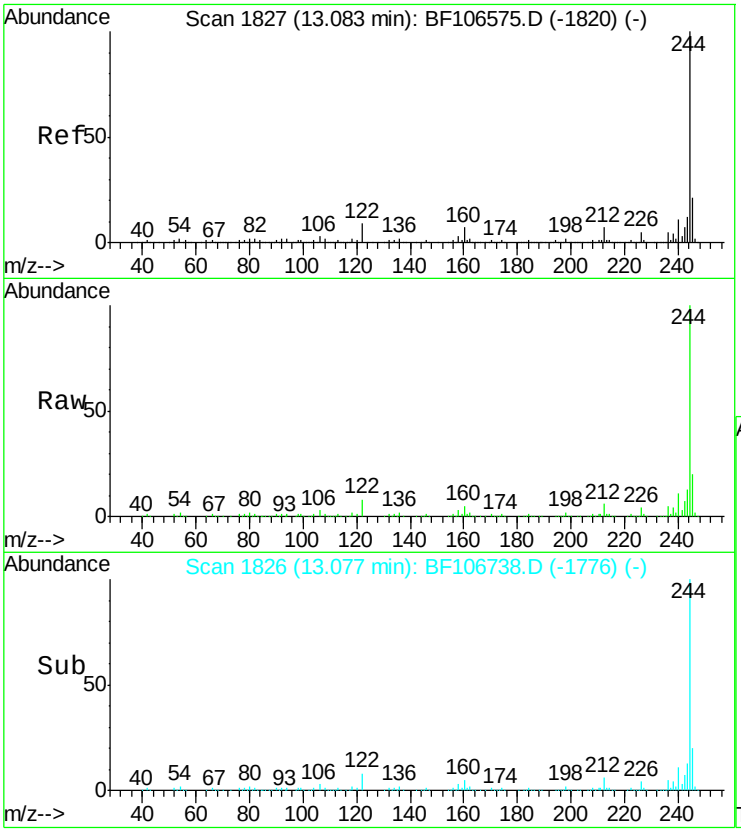


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:240 Resp: 149449

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.2	20.7	31.1



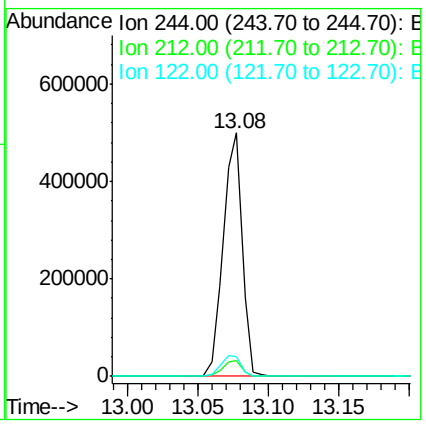


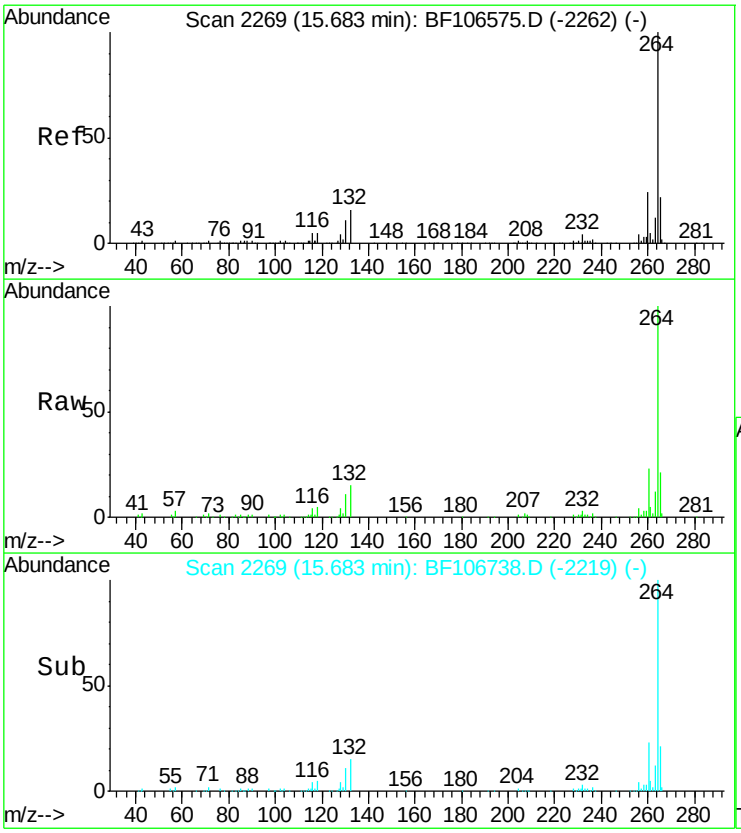
#78
Terphenyl-d14
Concen: 75.732 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106738.D
Acq: 23 Jun 2018 5:08

Instrument :
BNA_F
ClientSampleId :
DSN-002A-062018

Tgt Ion:244 Resp: 467243

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.3	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: BF106738.D
Acq: 23 Jun 2018 5:08

Tgt Ion:264 Resp: 147900

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3