Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106752.D
Acq On : 23 Jun 2018 11:16
Operator : JU/SJ
Sample : J3597-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Time: Jun 25 01:19:19 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	40277	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	126850	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	55862	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	111486	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	130169	20.00	ng	0.00
86) Perylene-d12	15.69	264	94597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	146074	61.41	ng	0.00
7) Phenol-d6	6.60	99	106218	35.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	219503	96.17	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	96546	149.12	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	365149	116.02	ng	-0.01
78) Terphenyl-d14	13.08	244	492678	91.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	5730	2.293	ng	# 79
14) 1,2-Dichlorobenzene	6.98	146	5919	2.091	ng	95
19) n-Nitroso-di-n-propylamine	7.52	70	29012	14.817	ng	# 73
20) 3+4-Methylphenols	7.44	107	538	Below Cal		# 20
25) Isophorone	7.52	82	219501	54.572	ng	# 64
49) Dimethylphthalate	9.71	163	13697	3.269	ng	# 94
50) 2,6-Dinitrotoluene	9.69	165	3637	4.099	ng	# 45
56) 2,4-Dinitrotoluene	10.00	165	7259	6.268	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	5830	4.382	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
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Acq On : 23 Jun 2018 11:16
Operator : JU/SJ
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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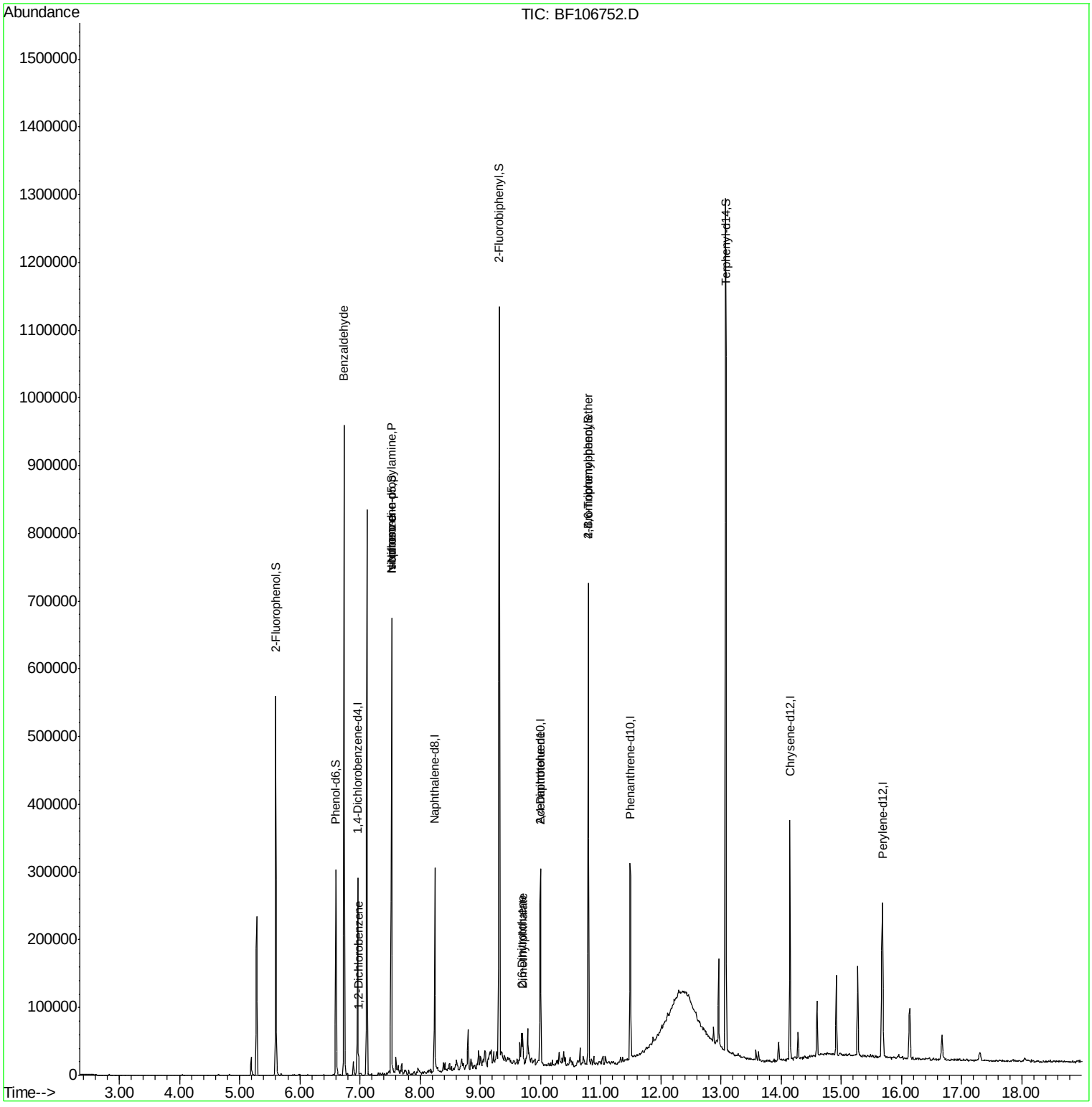
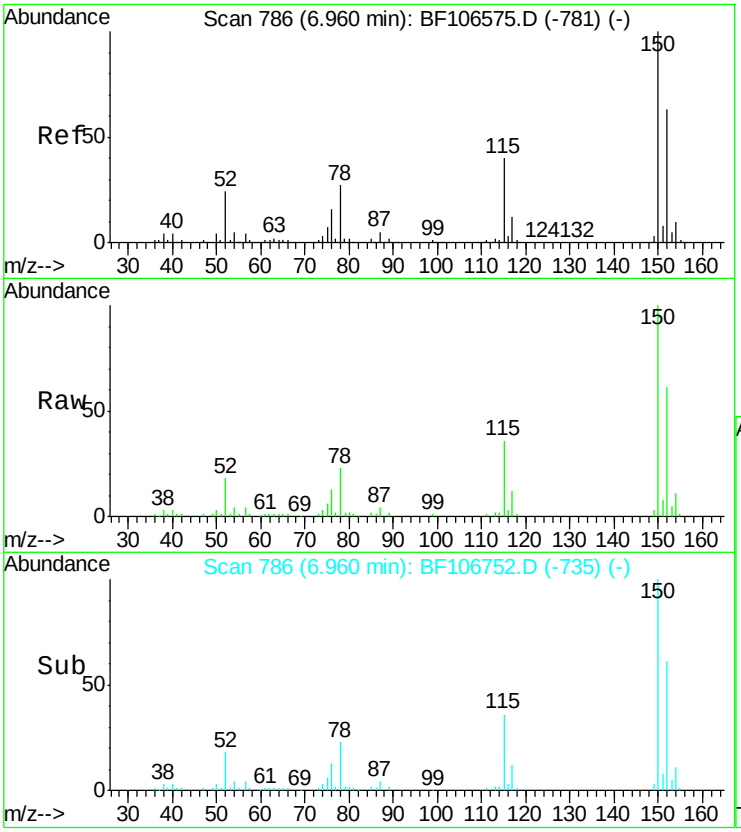


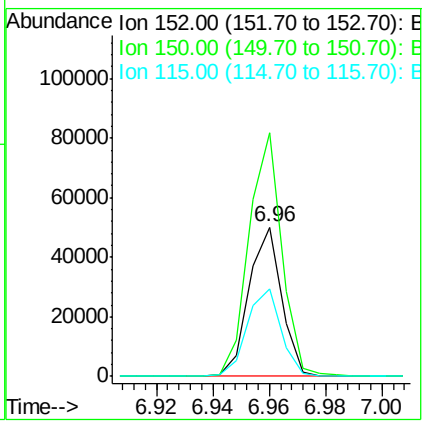


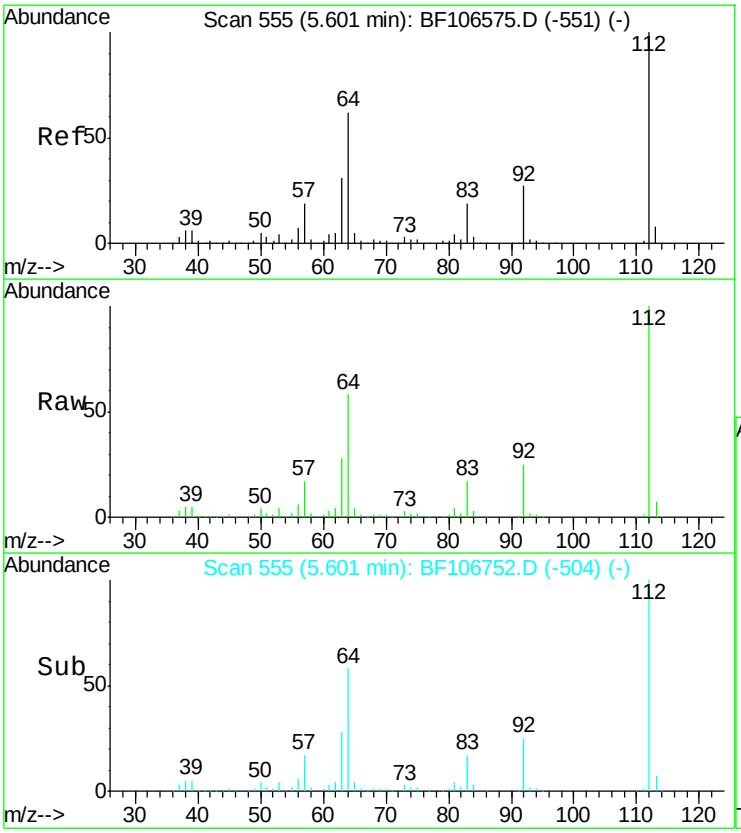
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:152 Resp: 40277

Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	58.8	50.1	75.1

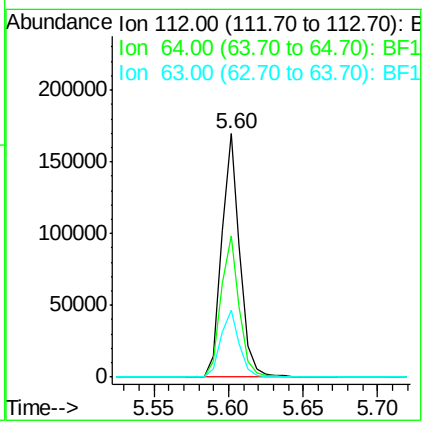


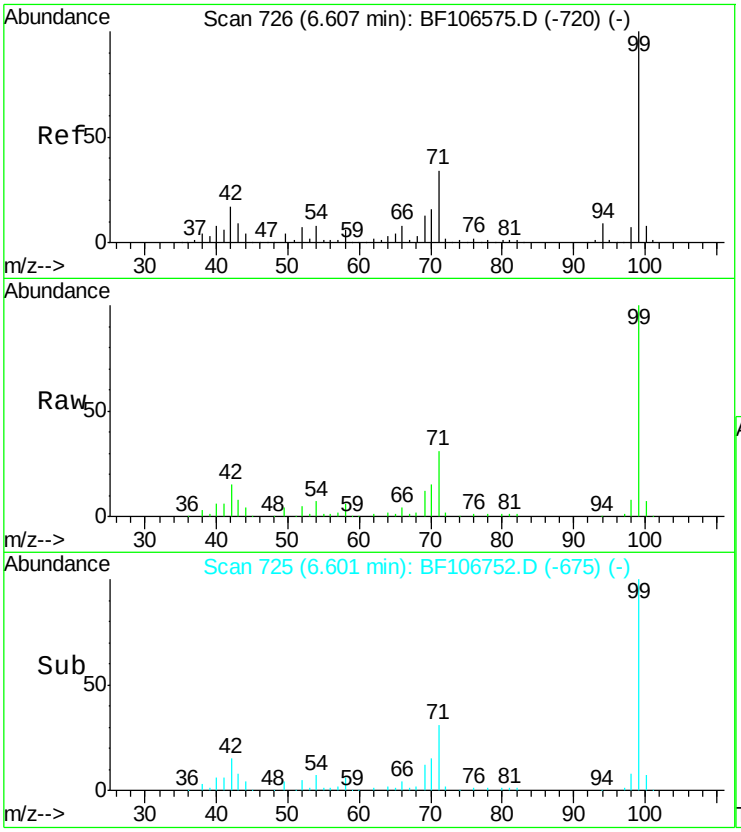


#5
2-Fluorophenol
Concen: 61.412 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:112 Resp: 146074

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	27.6	23.7	35.5



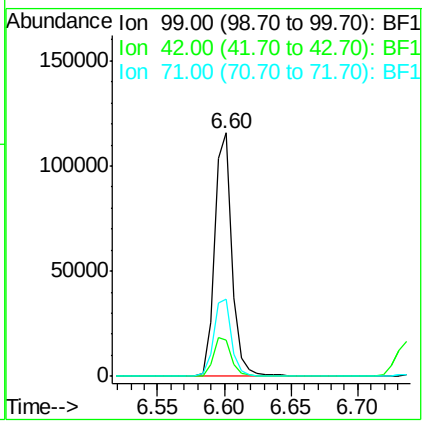


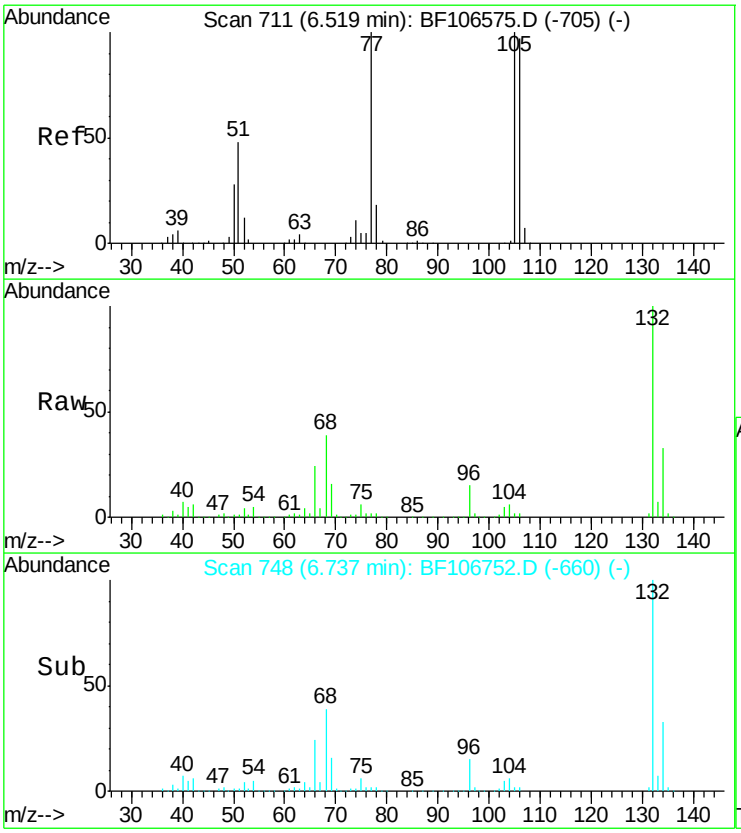
#7
Phenol-d6
Concen: 35.759 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion: 99 Resp: 106218

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	31.5	25.4	38.0

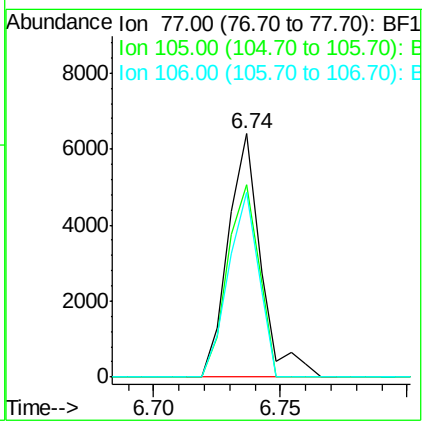


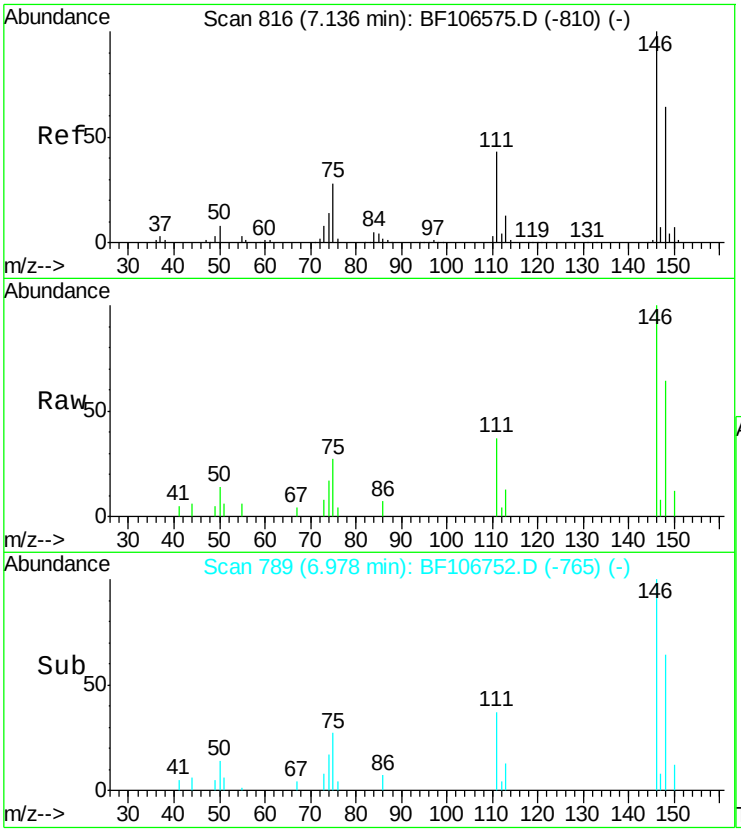


#9
Benzaldehyde
Concen: 2.293 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion: 77 Resp: 5730

Ion	Ratio	Lower	Upper
77	100		
105	78.9	81.1	121.1#
106	75.9	74.5	114.5



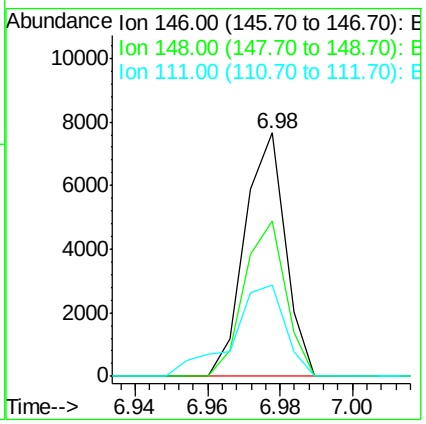


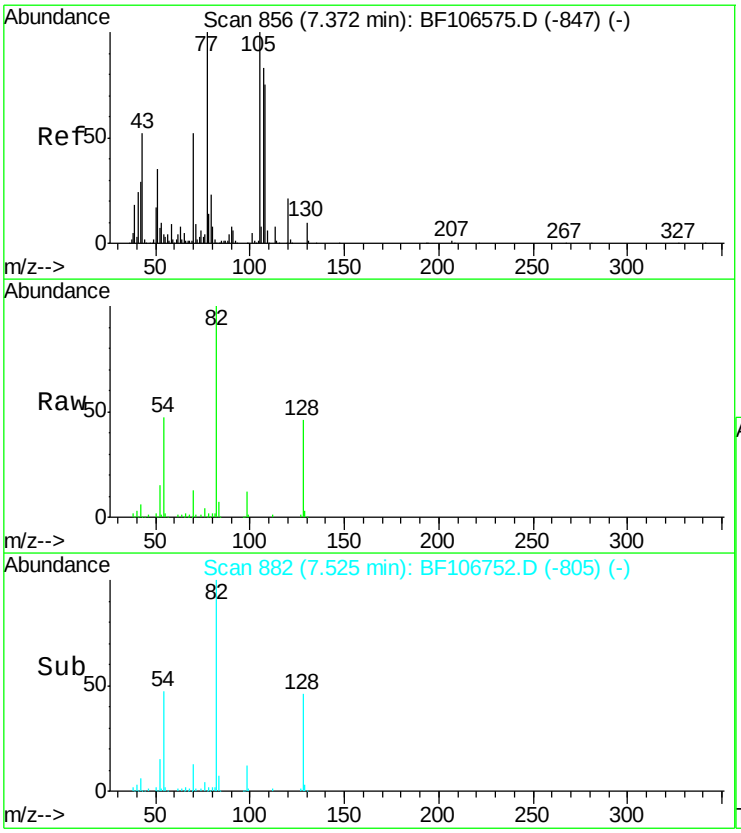
#14
1,2-Dichlorobenzene
Concen: 2.091 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.16 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:146 Resp: 5919

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	37.3	36.0	54.0

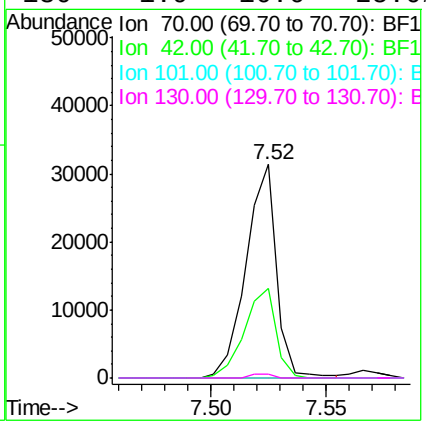


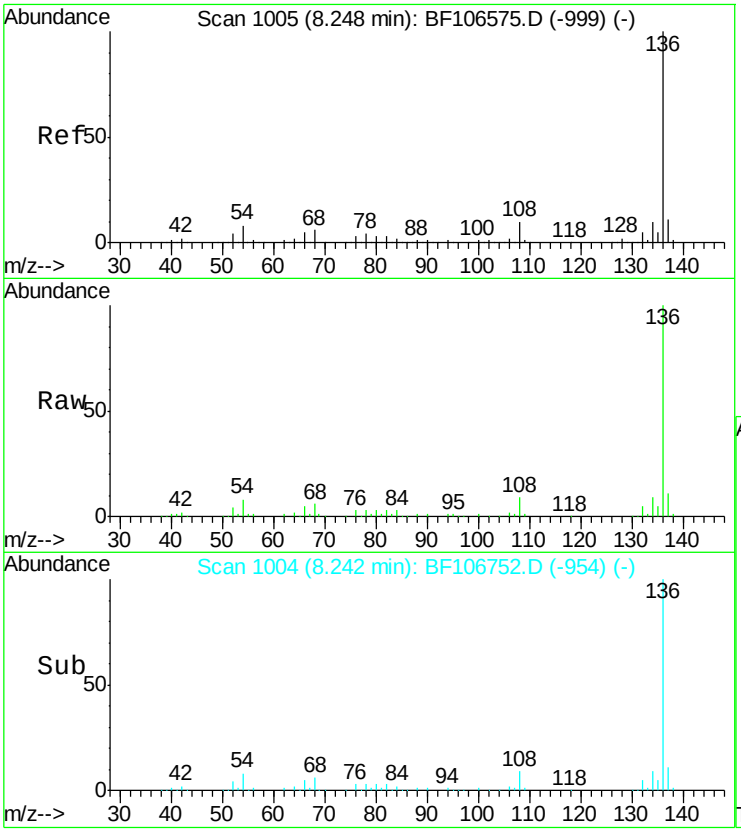


#19
n-Nitroso-di-n-propylamine
Concen: 14.817 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion: 70 Resp: 29012

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



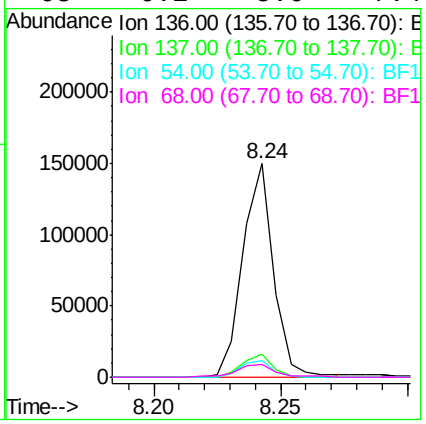


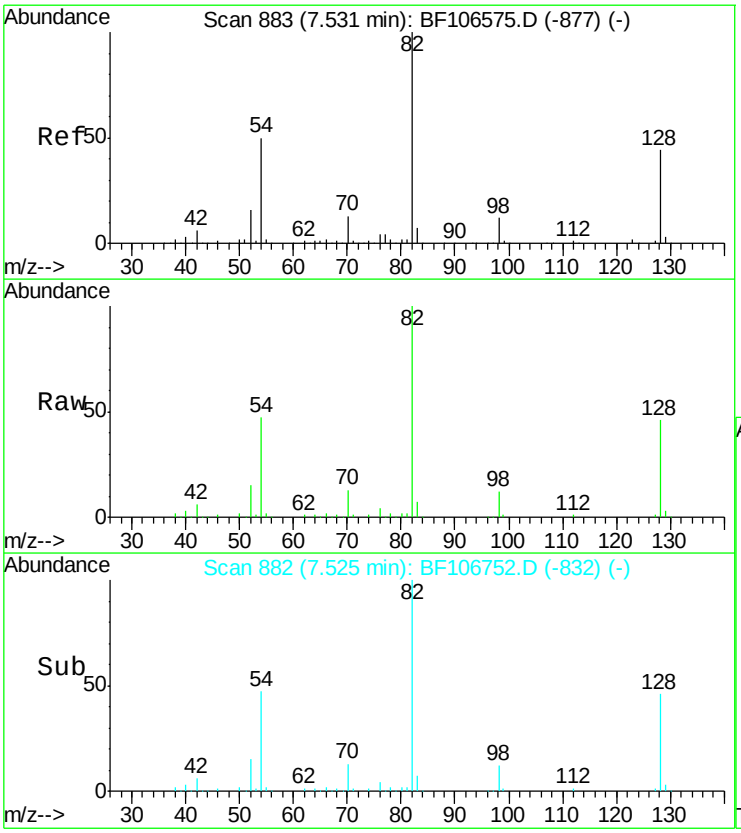
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:136 Resp: 126850

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

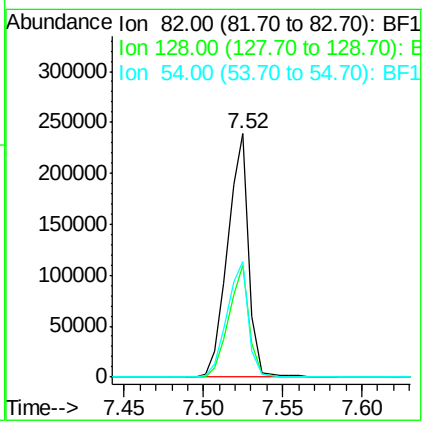


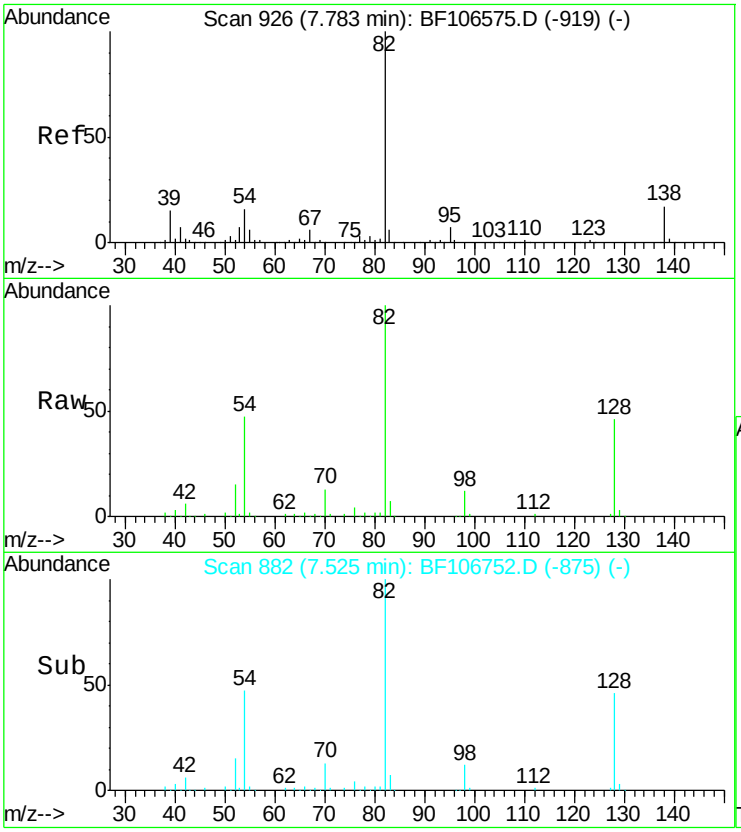


#23
Nitrobenzene-d5
Concen: 96.165 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion: 82 Resp: 219503

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	47.3	41.4	62.2



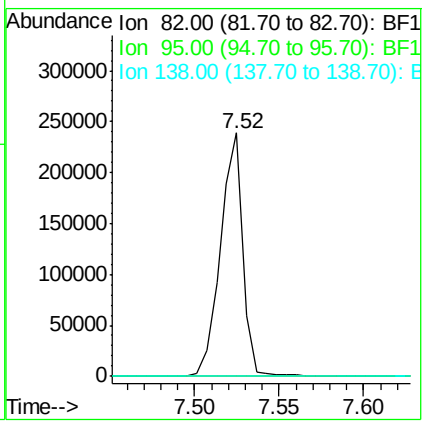


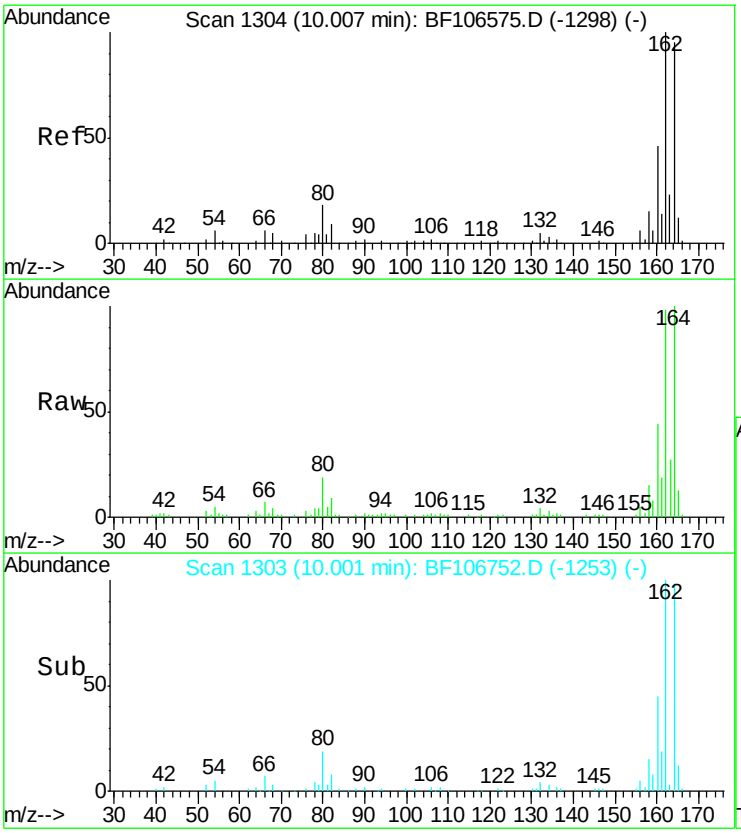
#25
Isophorone
Concen: 54.572 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion: 82 Resp: 219501

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

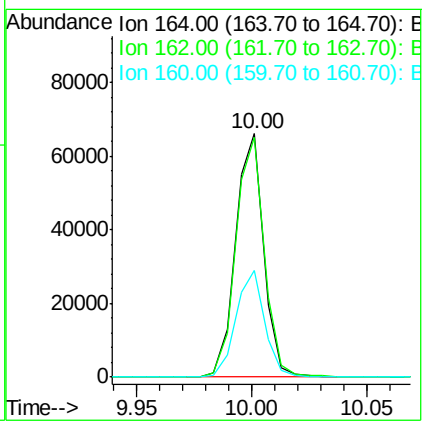


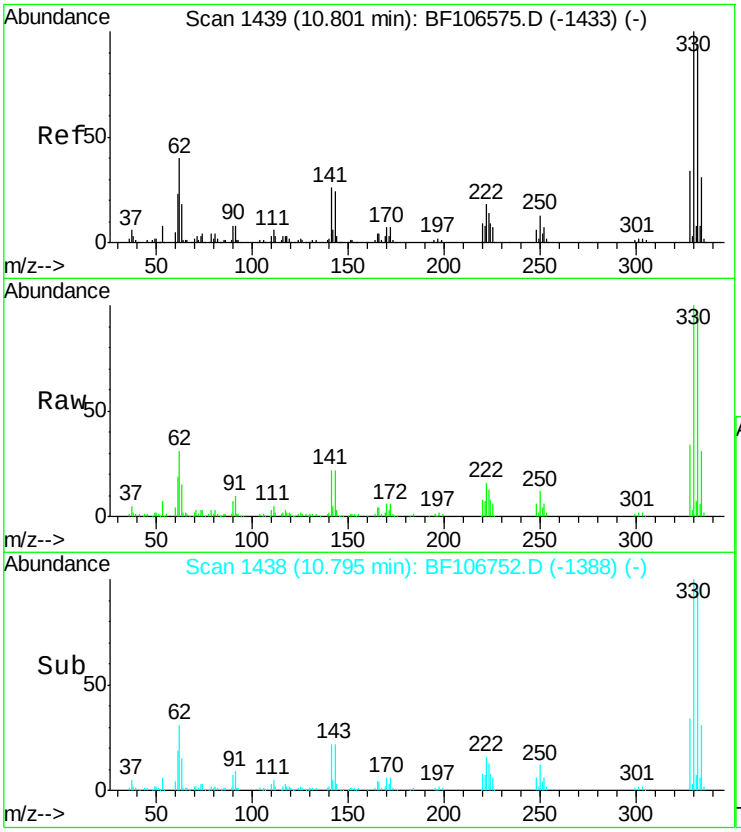


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:164 Resp: 55862

Ion	Ratio	Lower	Upper
164	100		
162	98.5	86.1	129.1
160	44.0	38.3	57.5



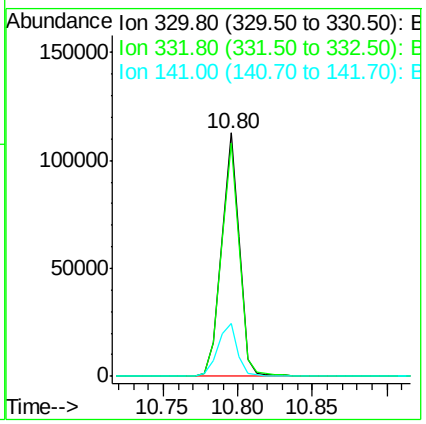


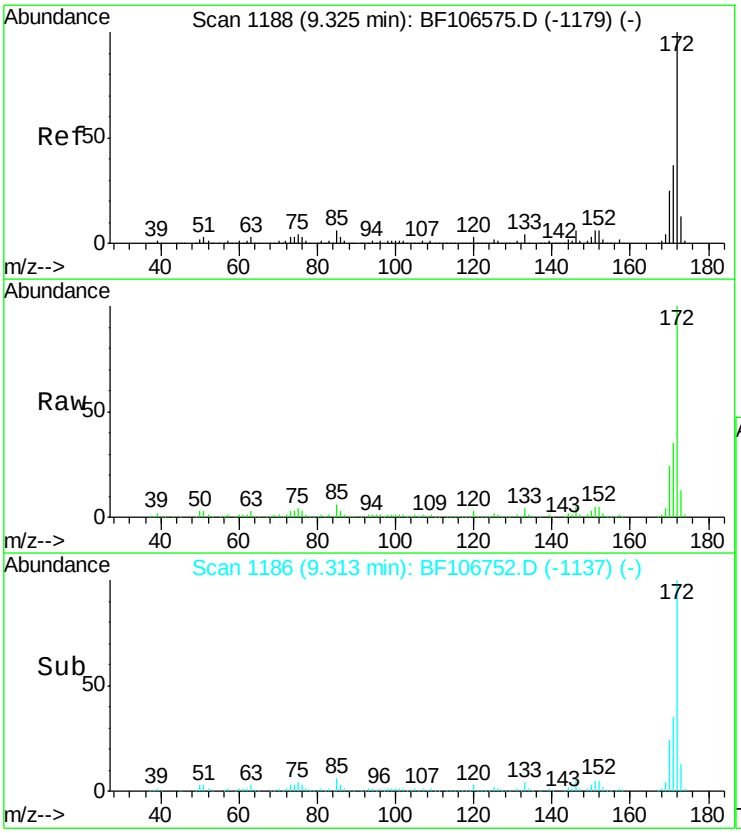
#41
2,4,6-Tribromophenol
Concen: 149.116 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:330 Resp: 96546

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	23.3	29.9	44.9#

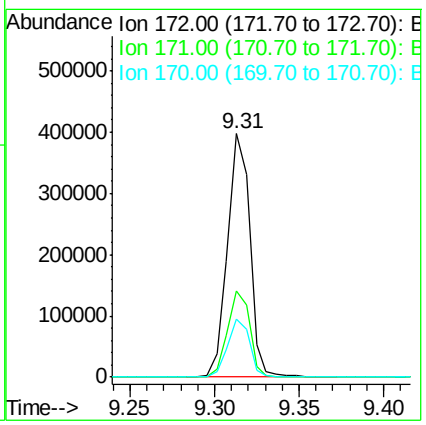


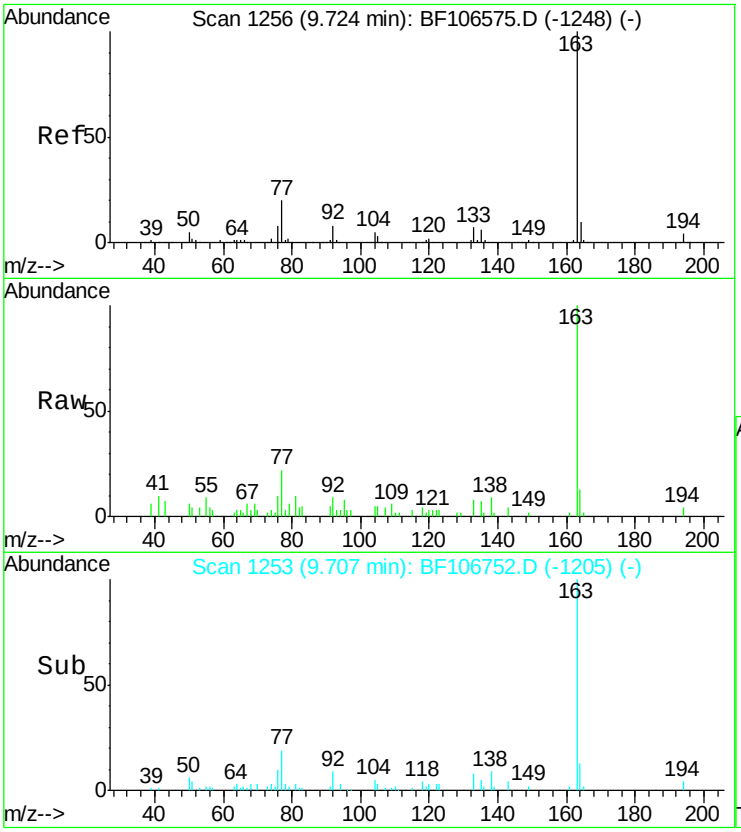


#44
2-Fluorobiphenyl
Concen: 116.025 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:172 Resp: 365149

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4



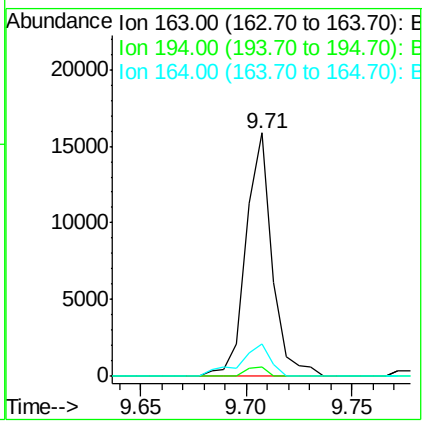


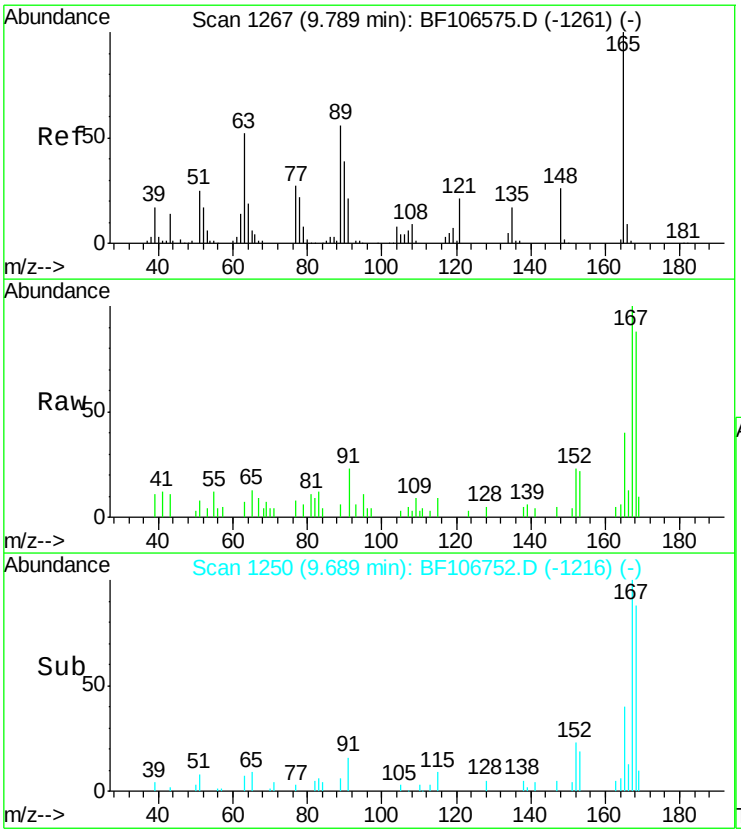
#49
Dimethylphthalate
Concen: 3.269 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:163 Resp: 13697

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	13.2	8.2	12.2#

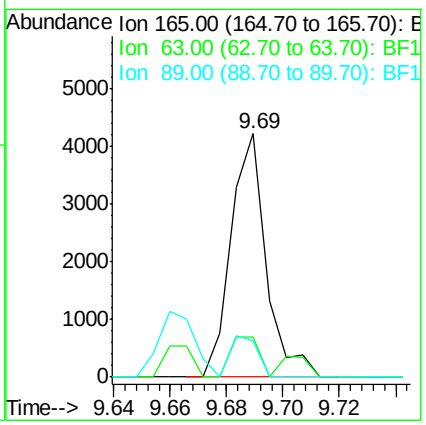


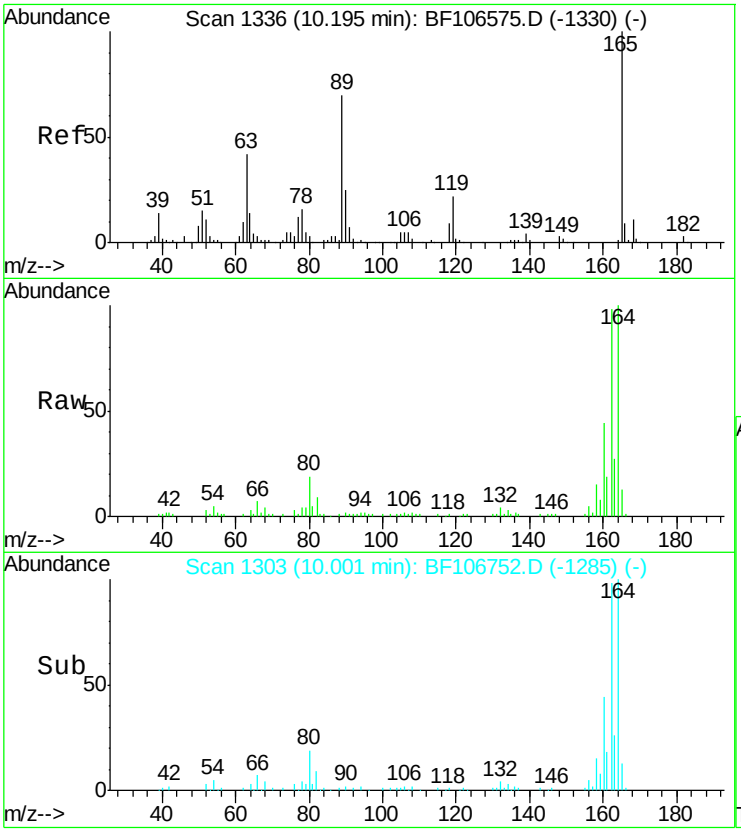


#50
2,6-Dinitrotoluene
Concen: 4.099 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.10 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:165 Resp: 3637

Ion	Ratio	Lower	Upper
165	100		
63	16.4	44.7	67.1#
89	14.9	44.0	66.0#



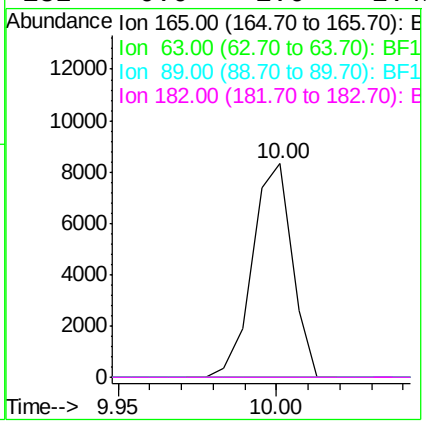


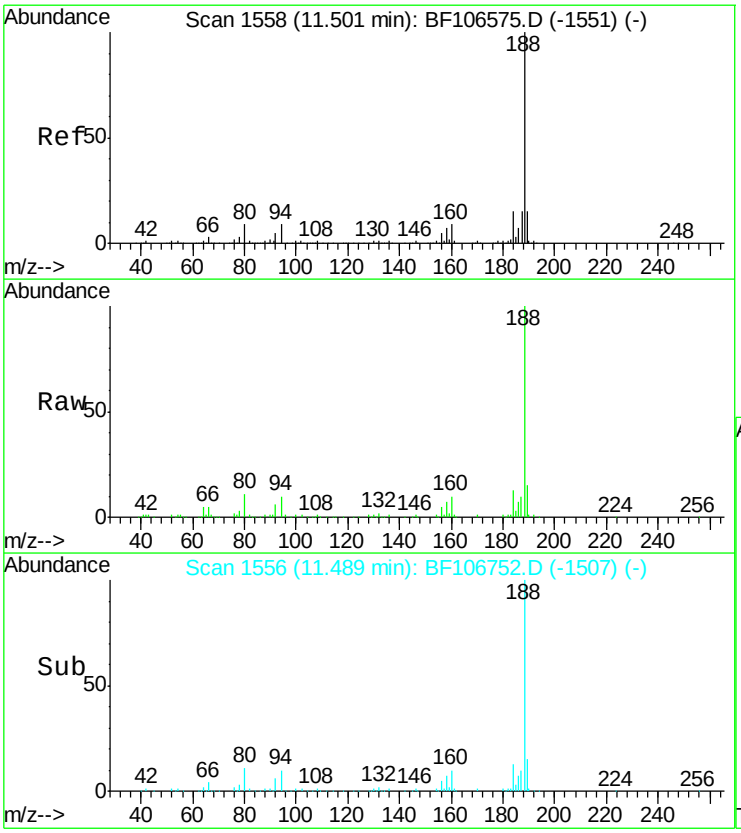
#56
2,4-Dinitrotoluene
Concen: 6.268 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:165 Resp: 7259

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#

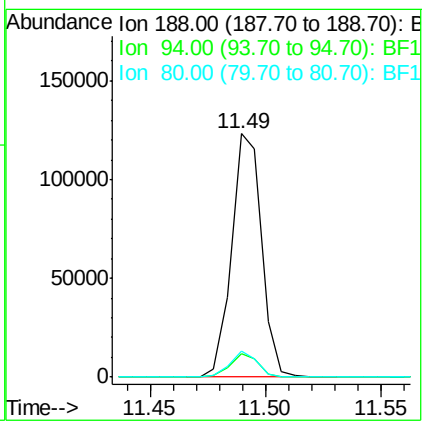


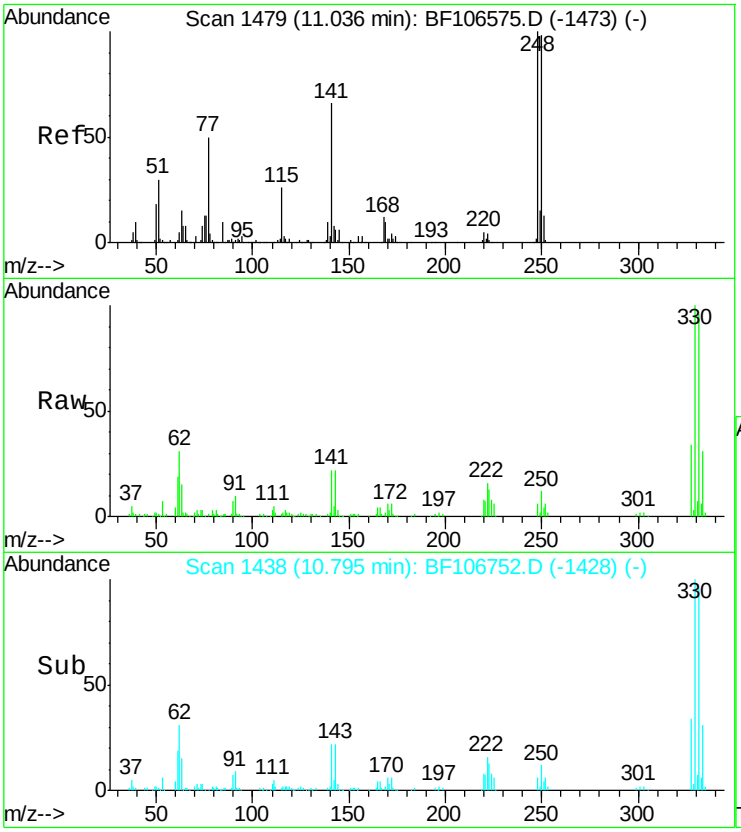


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:188 Resp: 111486

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.7	9.2	13.8



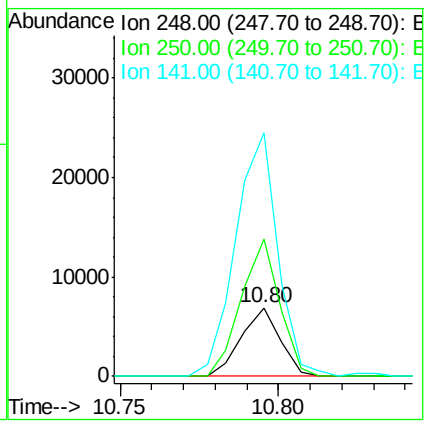


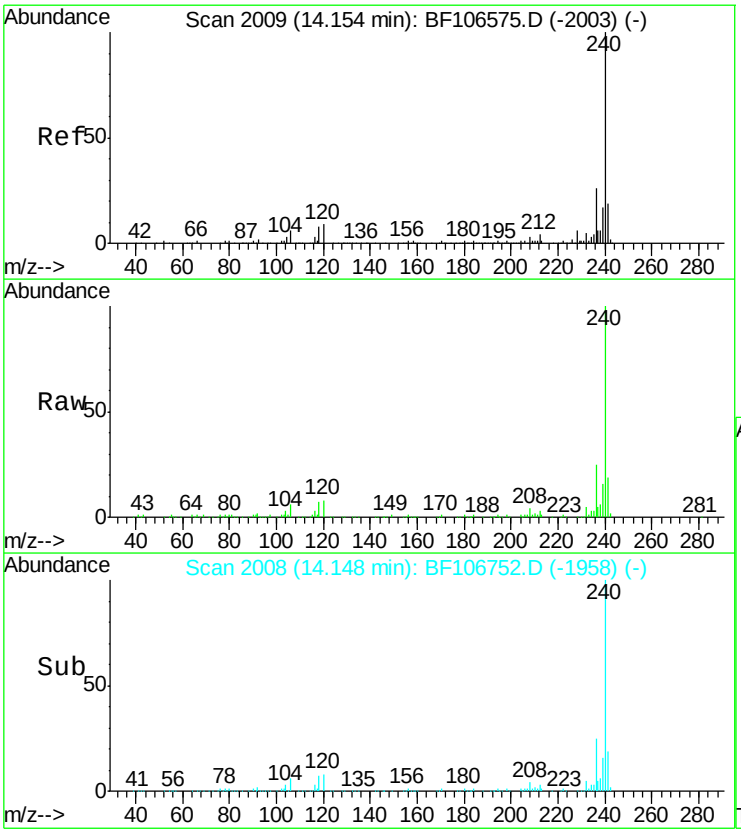
#66
4-Bromophenyl-phenylether
Concen: 4.382 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:248 Resp: 5830

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	356.8	74.4	111.6#

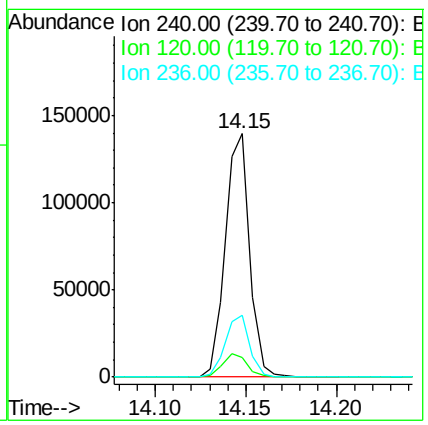


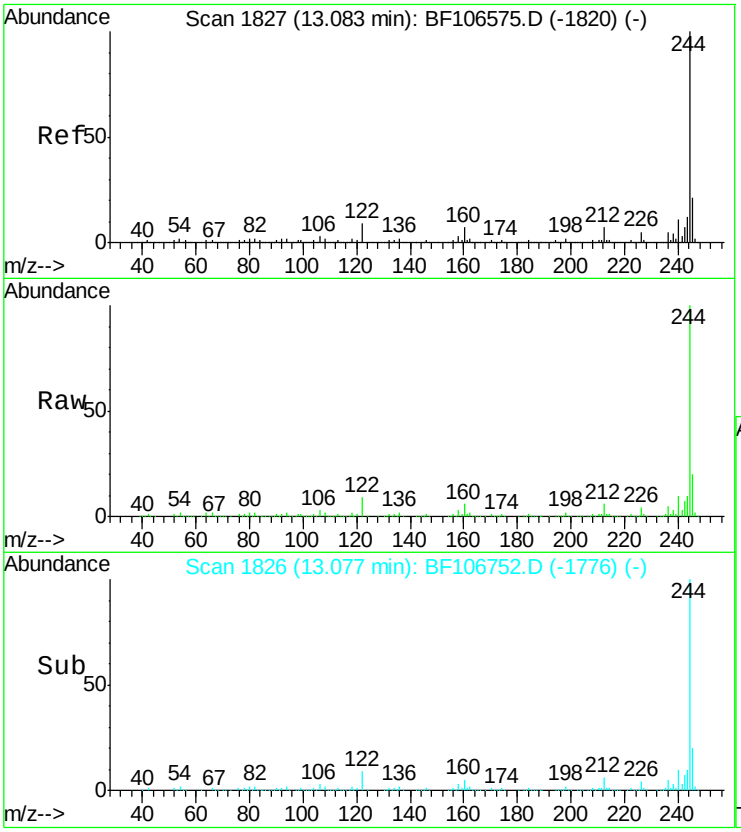


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:240 Resp: 130169

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.4	20.7	31.1



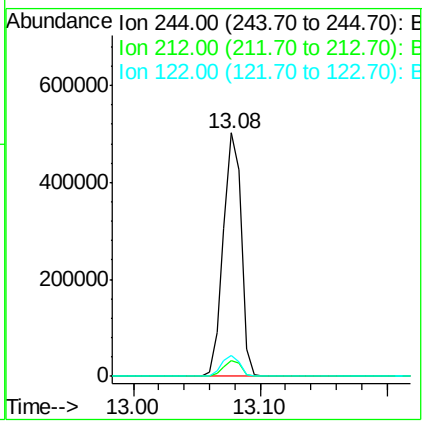


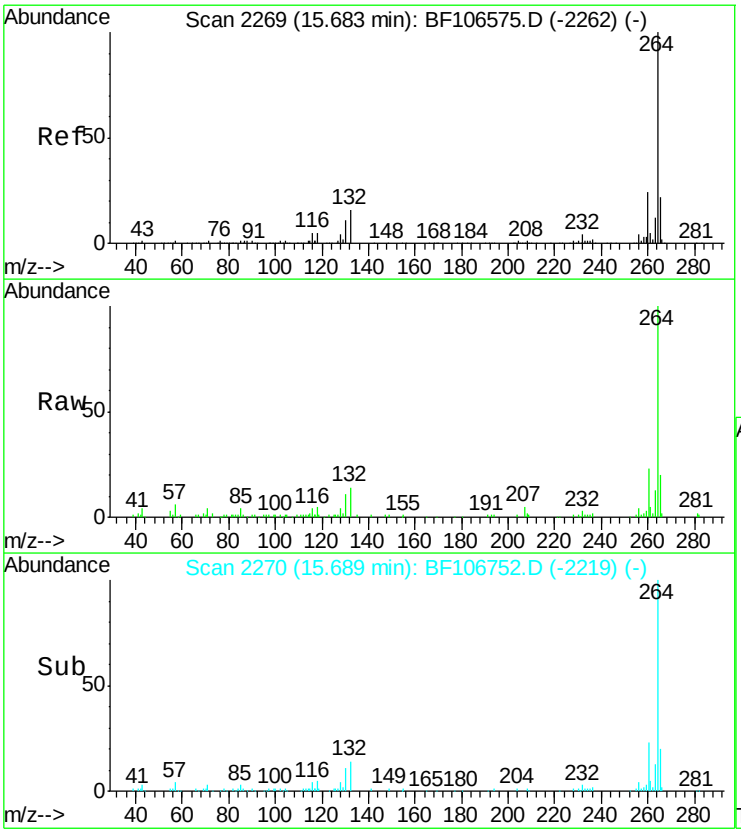
#78
Terphenyl-d14
Concen: 91.682 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Instrument :
BNA_F
ClientSampleId :
W-44

Tgt Ion:244 Resp: 492678

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF106752.D
Acq: 23 Jun 2018 11:16

Tgt Ion:264 Resp: 94597

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.4	17.5	26.3