Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106637.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3554-06RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-5(2.5)

Quant Time: Jun 21 01:04:57 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	93871	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	363463	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	187115	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	341469	20.00	ng		0.00
75) Chrysene-d12	14.14	240	261935	20.00	ng		-0.01
86) Perylene-d12	15.68	264	249206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	648458	116.97	ng		0.01
7) Phenol-d6	6.61	99	825531	119.25	ng		0.00
23) Nitrobenzene-d5	7.52	82	574340	87.82	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	266921	123.08	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	856635	75.91	ng		0.00
78) Terphenyl-d14	13.08	244	856751	79.23	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	15506	2.653	ng		85
19) n-Nitroso-di-n-propylamine	7.52	70	76152	16.688	ng	#	73
25) Isophorone	7.52	82	574336	49.835	ng	#	64
49) Dimethylphthalate	9.71	163	133840	9.537	ng		98
56) 2,4-Dinitrotoluene	10.00	165	23971	6.180	ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	16925	4.153	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106637.D
Acq On : 20 Jun 2018 23:16
Operator : JU/SJ
Sample : J3554-06RE
Misc :
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Instrument :
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A-5(2.5)

Quant Time: Jun 21 01:04:57 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
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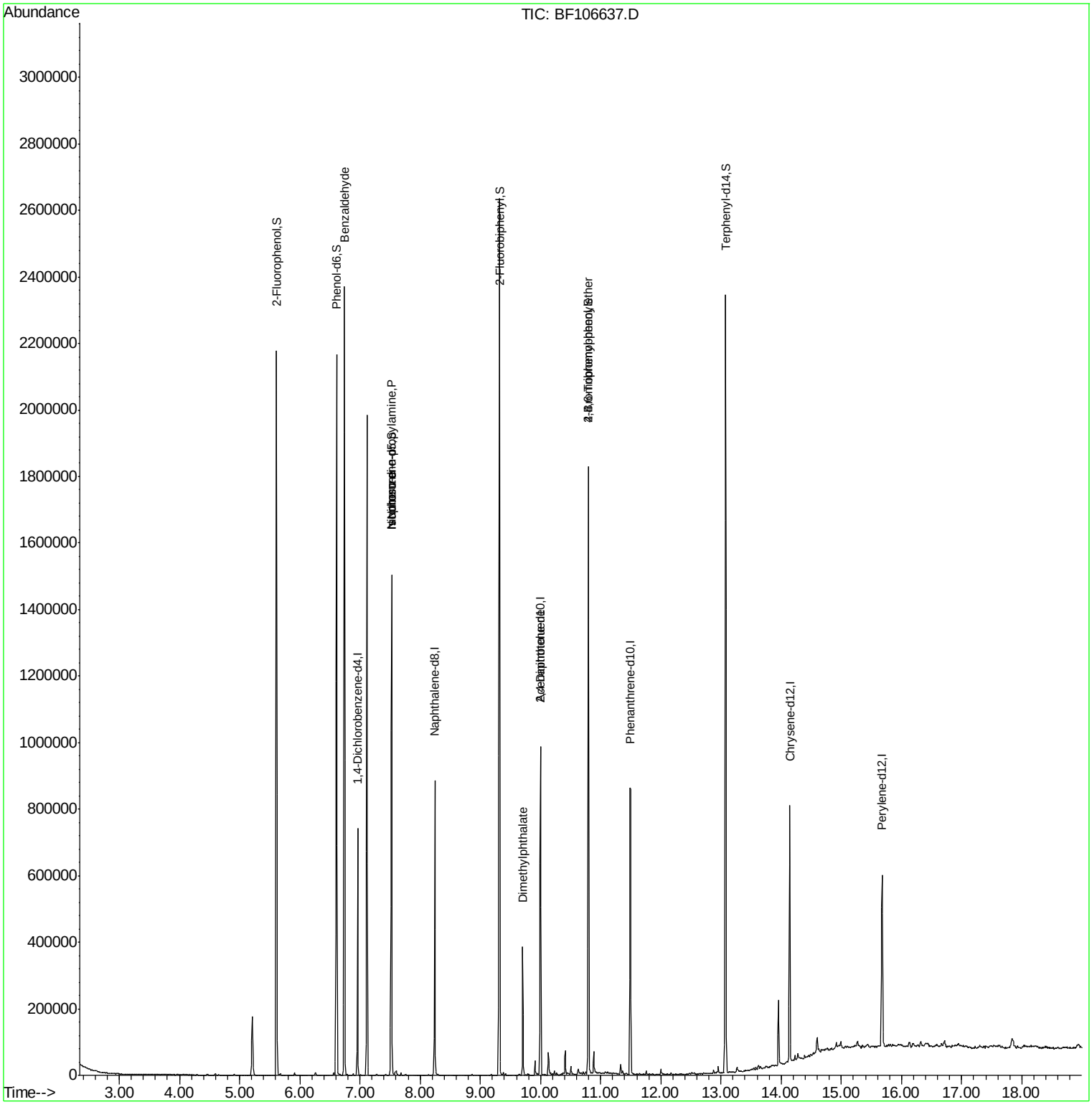
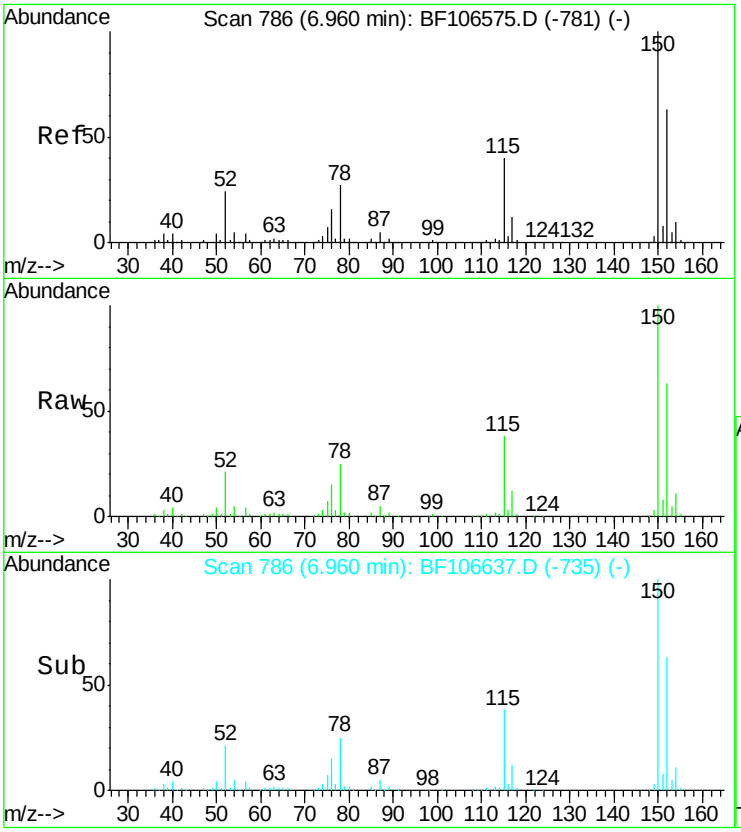


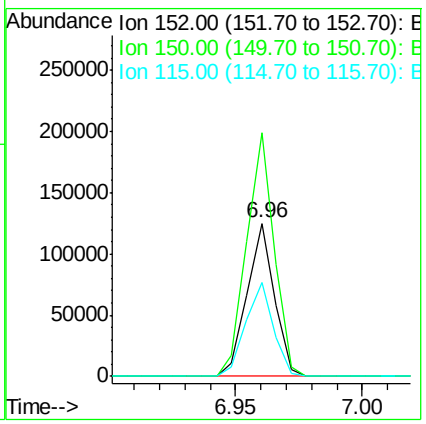


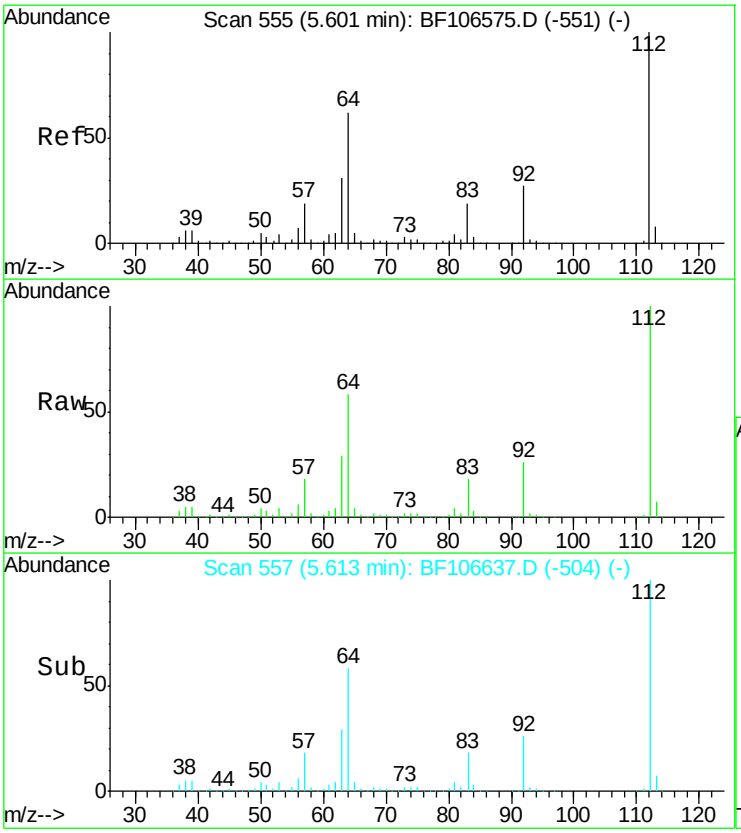
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:152 Resp: 93871

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.2	50.1	75.1

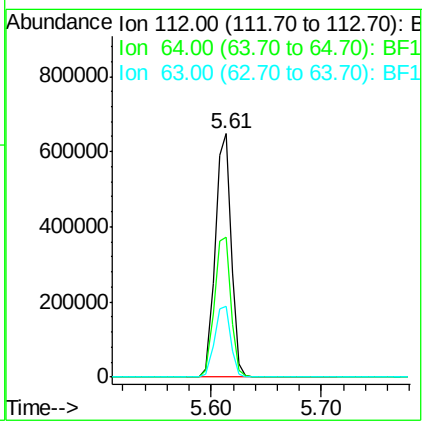


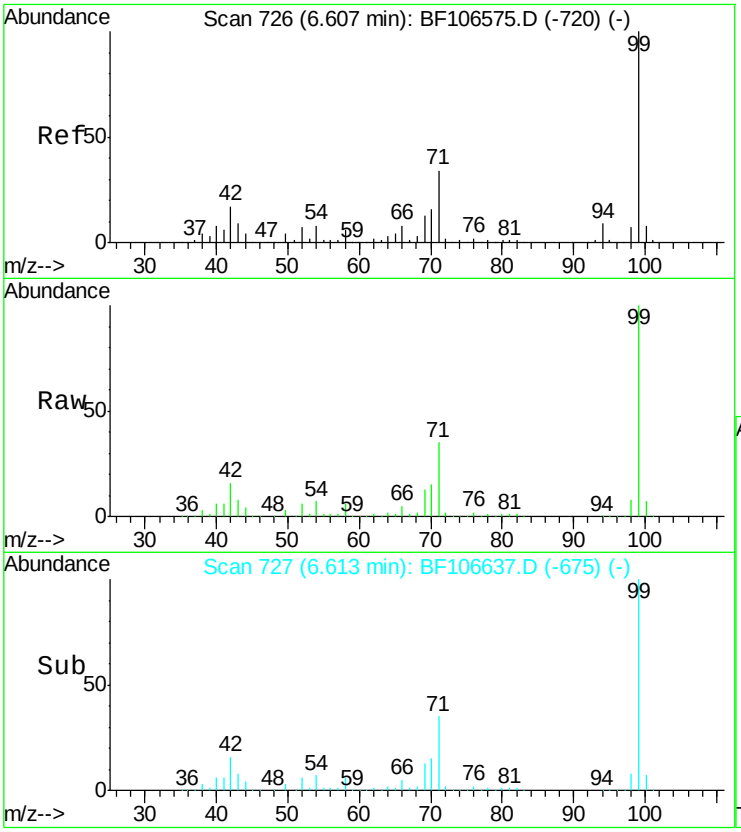


#5
2-Fluorophenol
Concen: 116.974 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:112 Resp: 648458

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.1	23.7	35.5



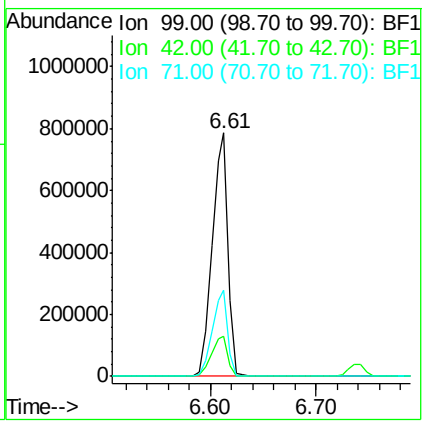


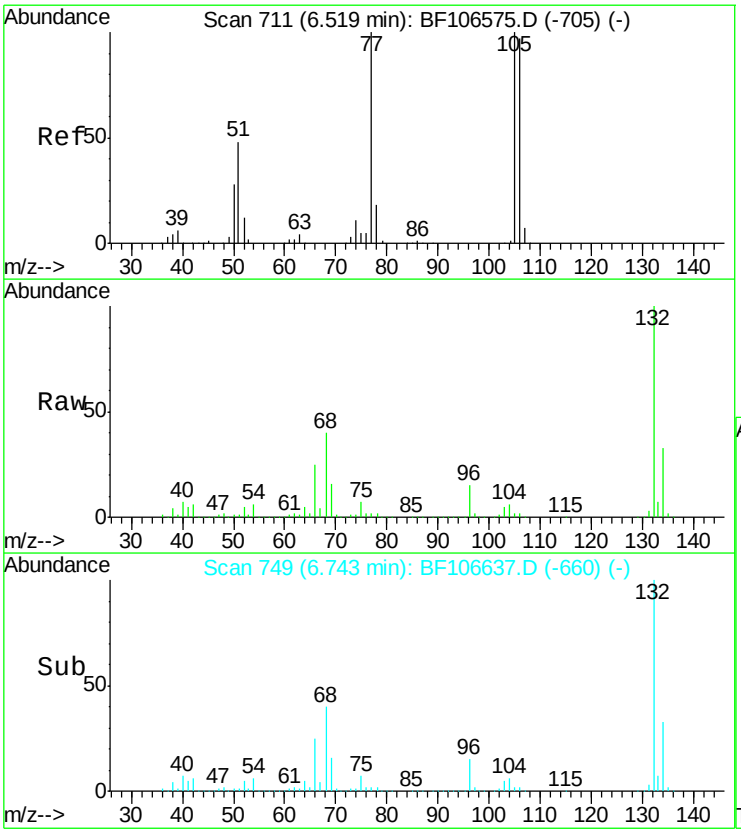
#7
Phenol-d6
Concen: 119.246 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion: 99 Resp: 825531

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	35.2	25.4	38.0

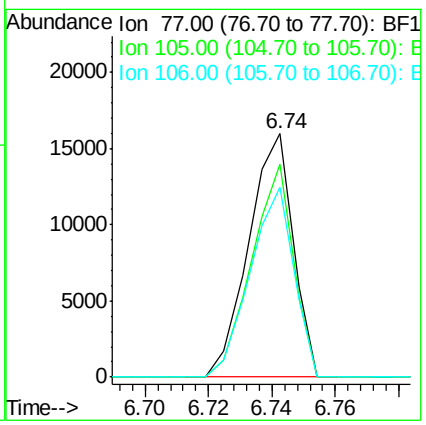


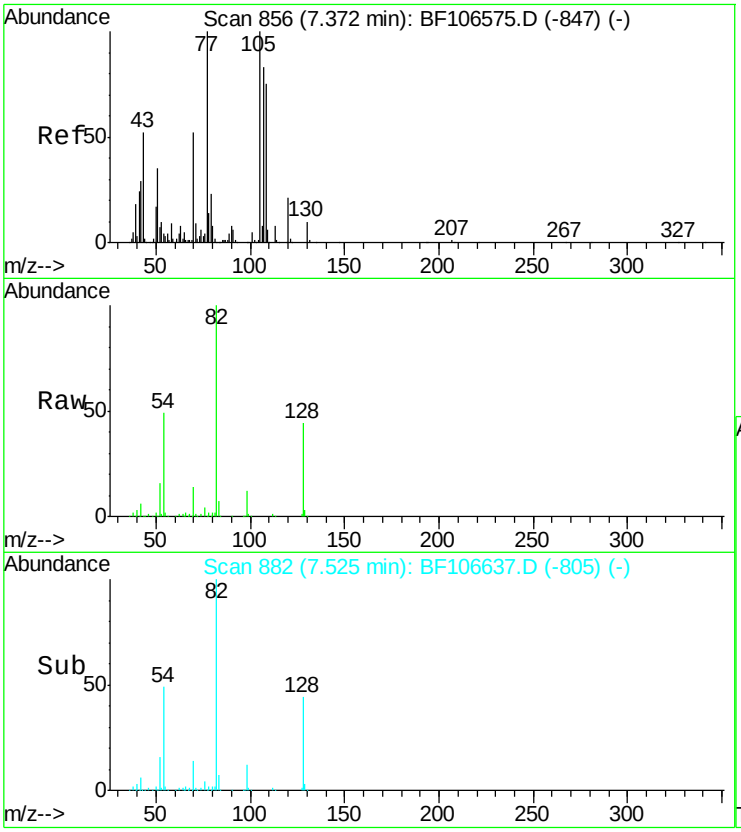


#9
Benzaldehyde
Concen: 2.653 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion: 77 Resp: 15506

Ion	Ratio	Lower	Upper
77	100		
105	87.5	81.1	121.1
106	78.1	74.5	114.5



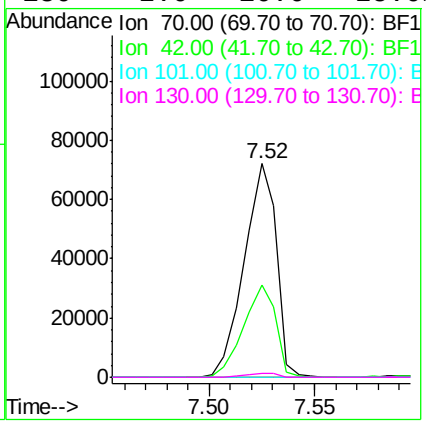


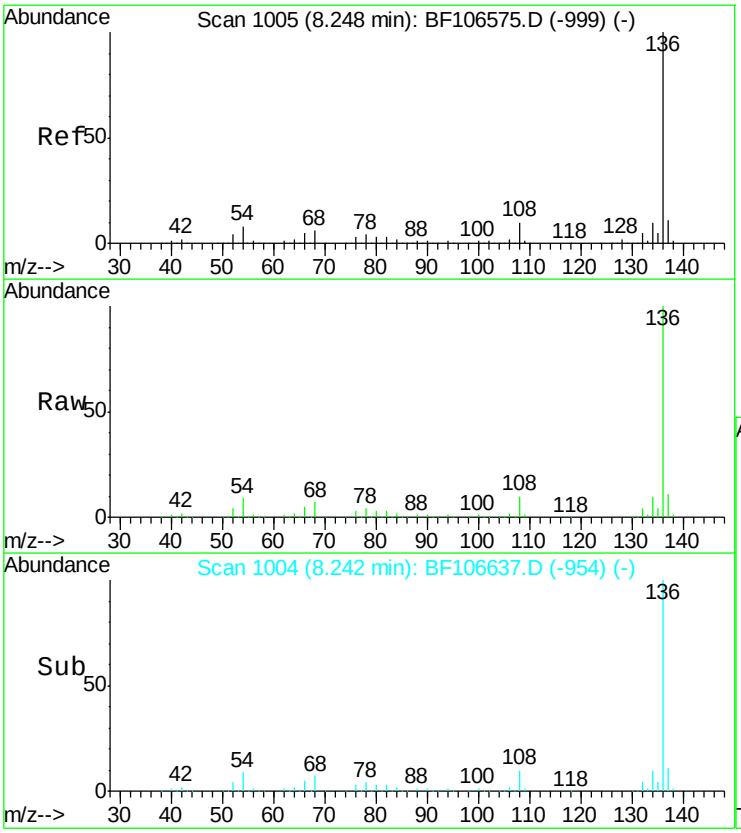
#19
n-Nitroso-di-n-propylamine
Concen: 16.688 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion: 70 Resp: 76152

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

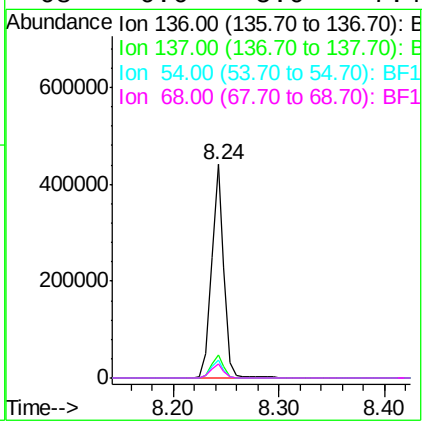


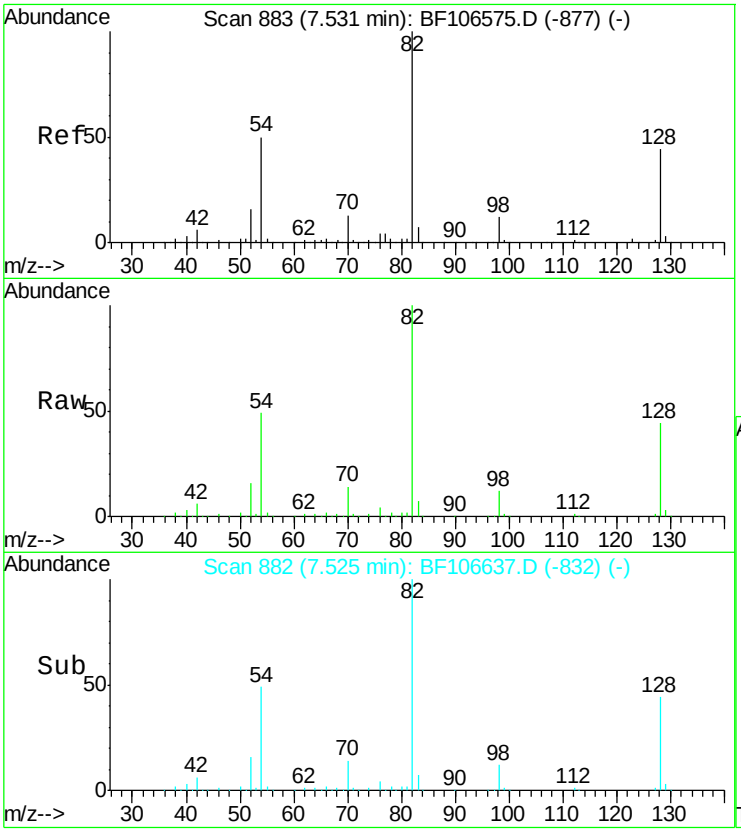


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:136 Resp: 363463

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.6	5.0	7.4



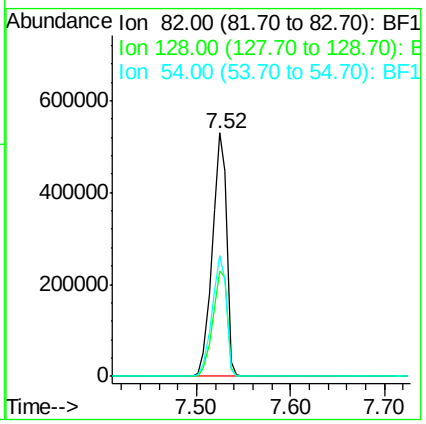


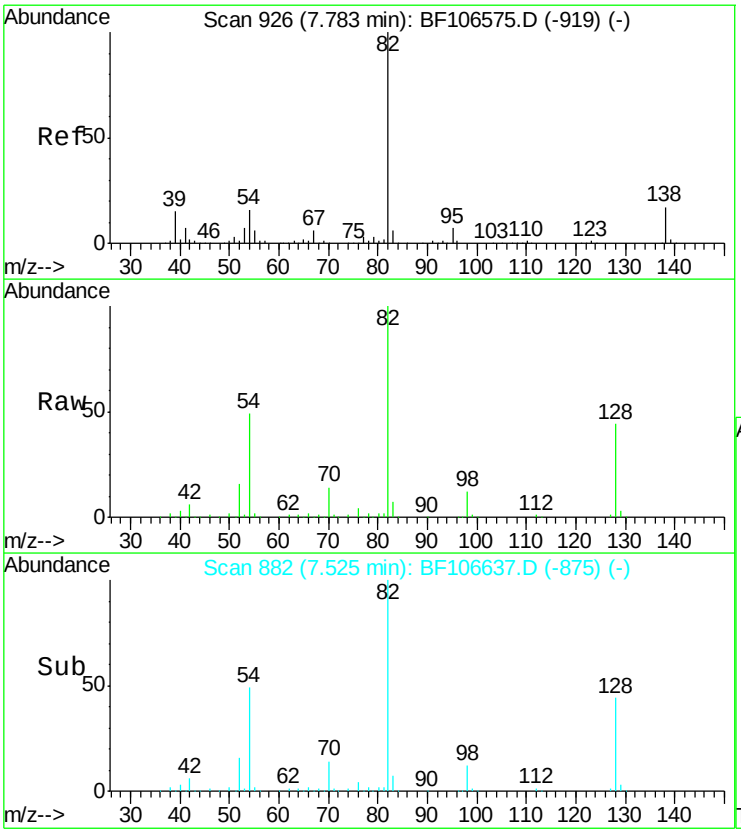
#23
Nitrobenzene-d5
Concen: 87.817 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion: 82 Resp: 574340

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.4	41.4	62.2

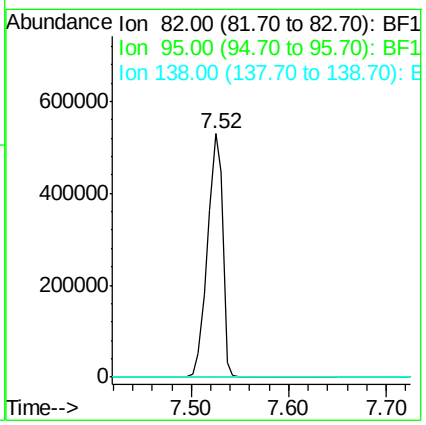


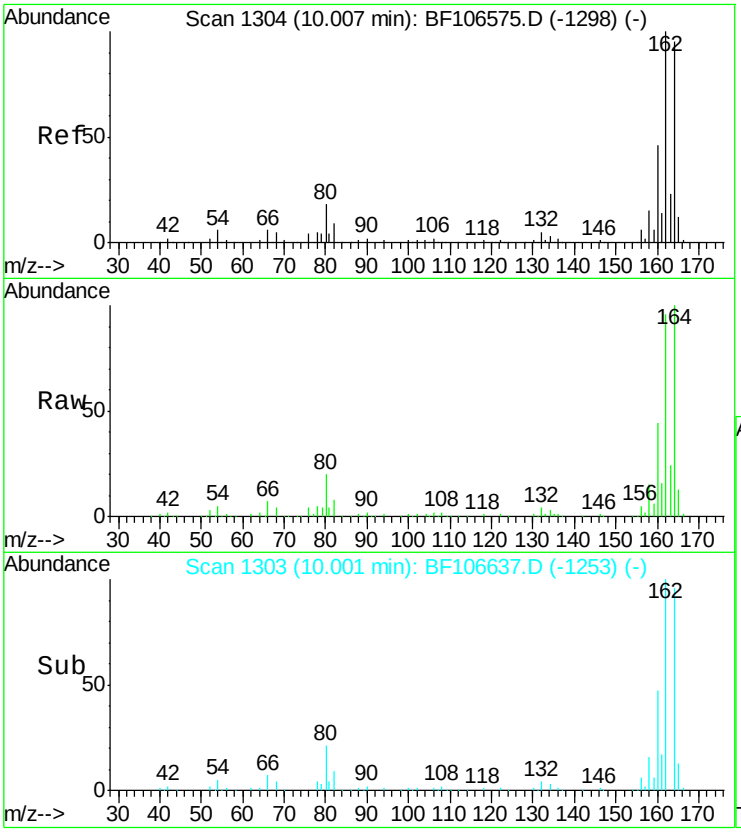


#25
Isophorone
Concen: 49.835 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion: 82 Resp: 574336

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



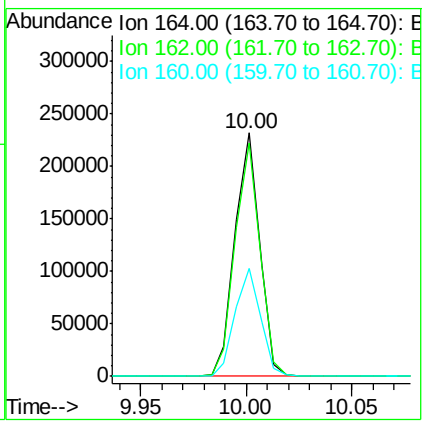


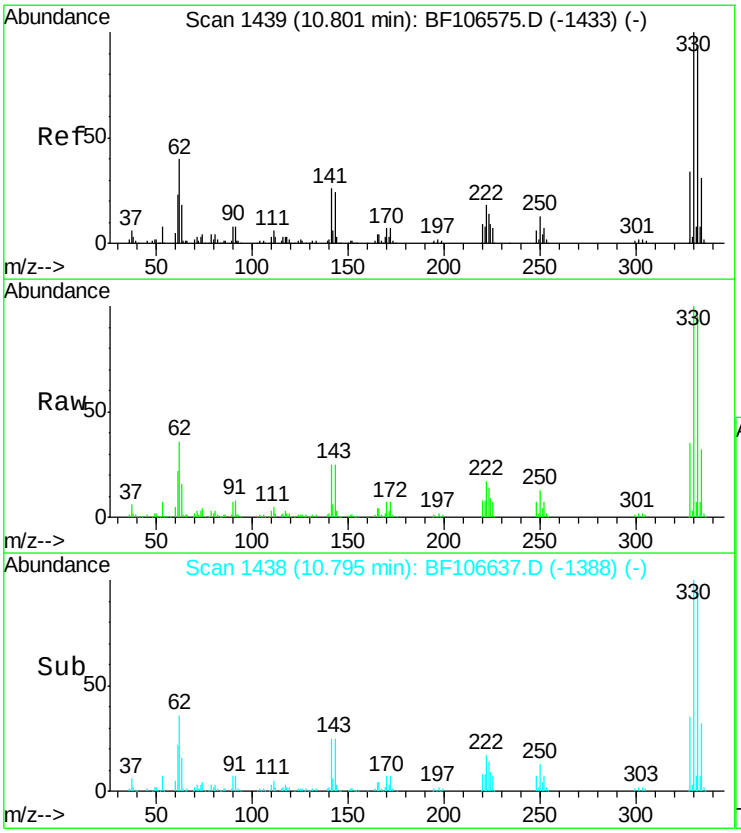
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:164 Resp: 187115

Ion	Ratio	Lower	Upper
164	100		
162	95.7	86.1	129.1
160	44.3	38.3	57.5

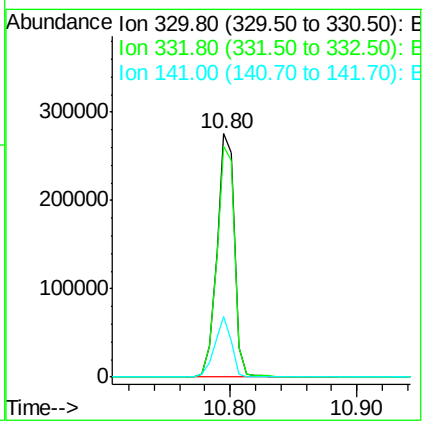


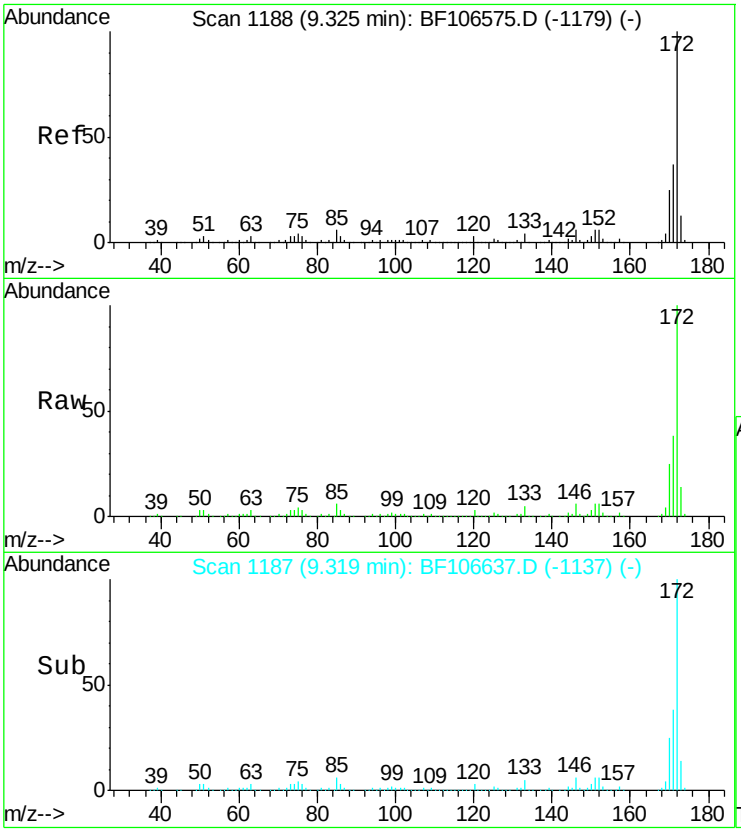


#41
2,4,6-Tribromophenol
Concen: 123.078 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:330 Resp: 266921

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	24.0	29.9	44.9#



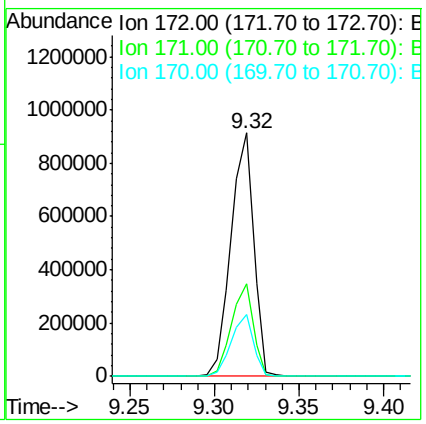


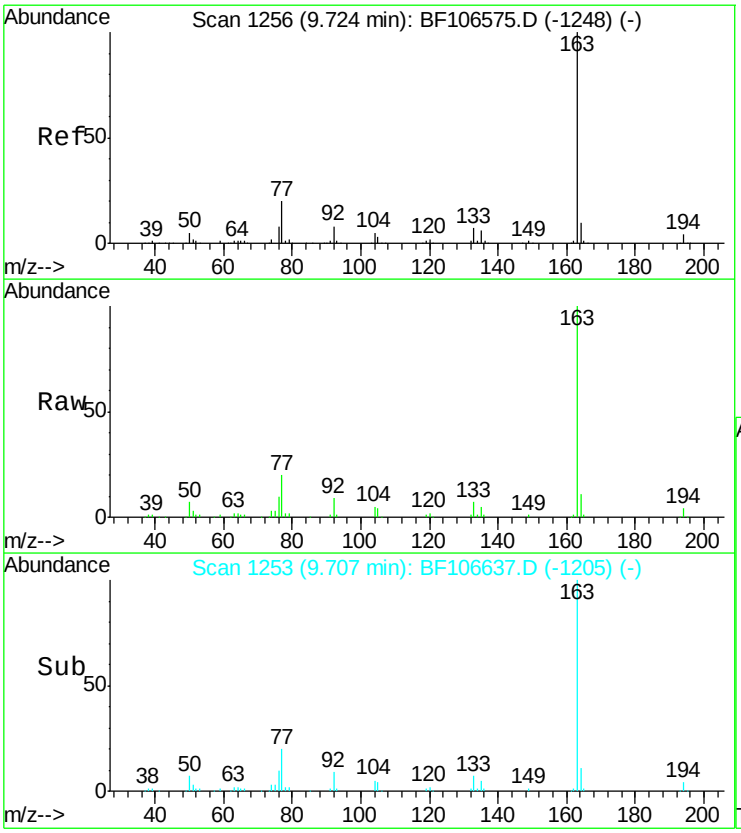
#44
2-Fluorobiphenyl
Concen: 75.914 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:172 Resp: 856635

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.4	19.6	29.4

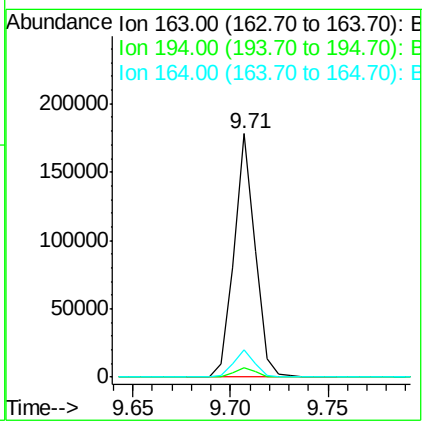


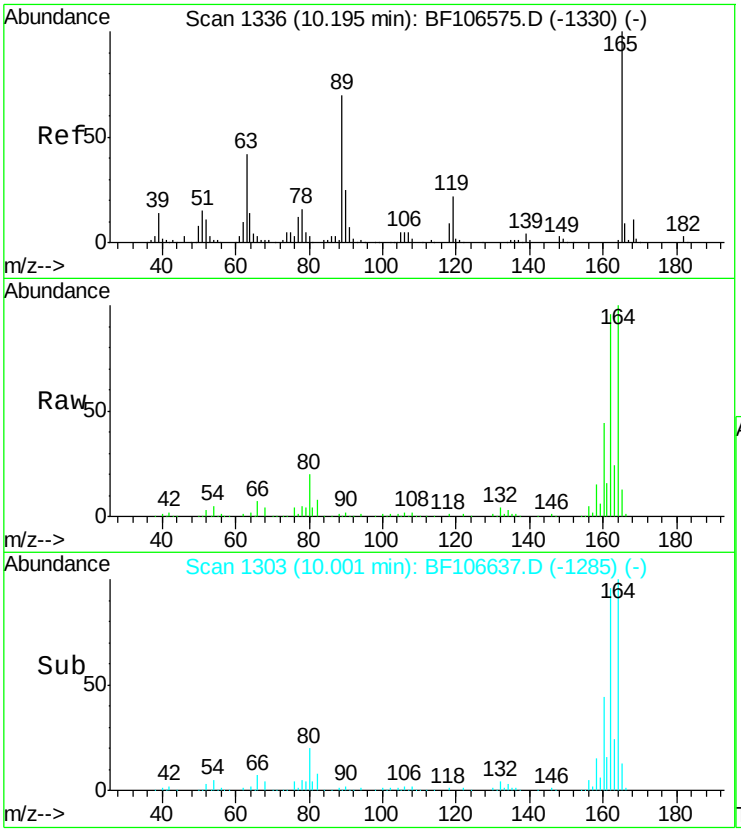


#49
Dimethylphthalate
Concen: 9.537 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:163 Resp: 133840

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.1	8.2	12.2



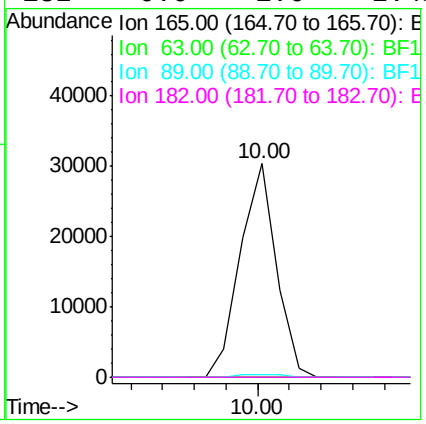


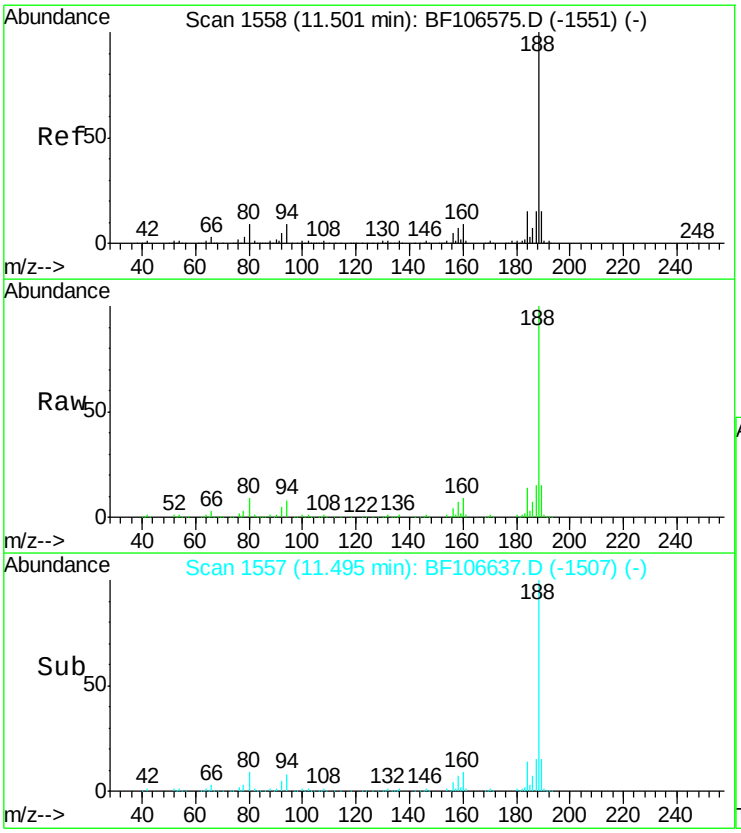
#56
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:165 Resp: 23971

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

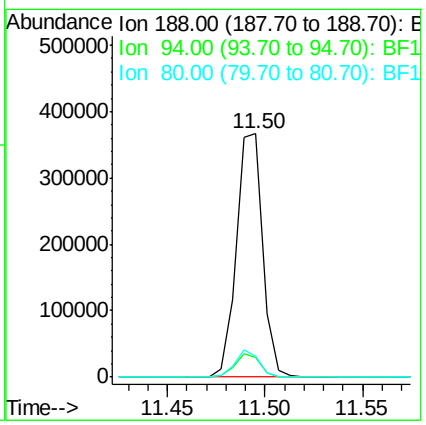


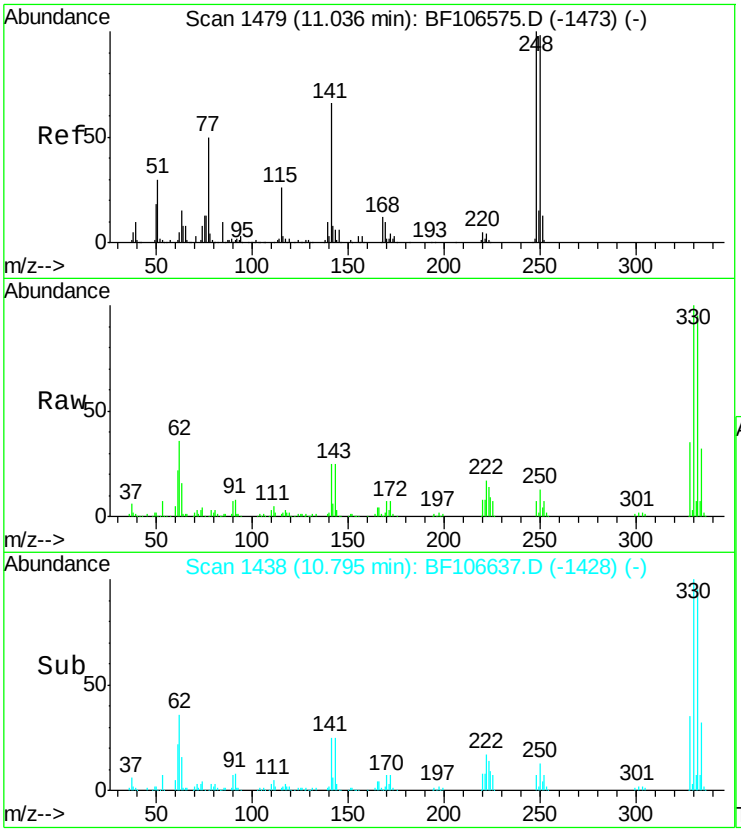


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:188 Resp: 341469

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.6	9.2	13.8#



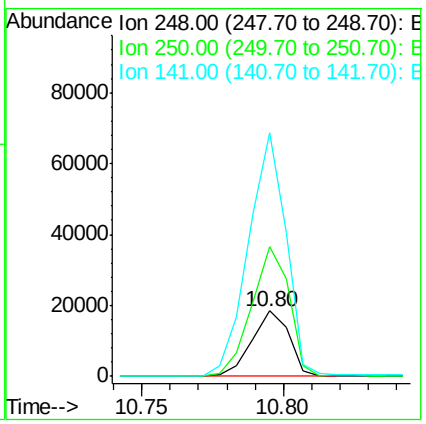


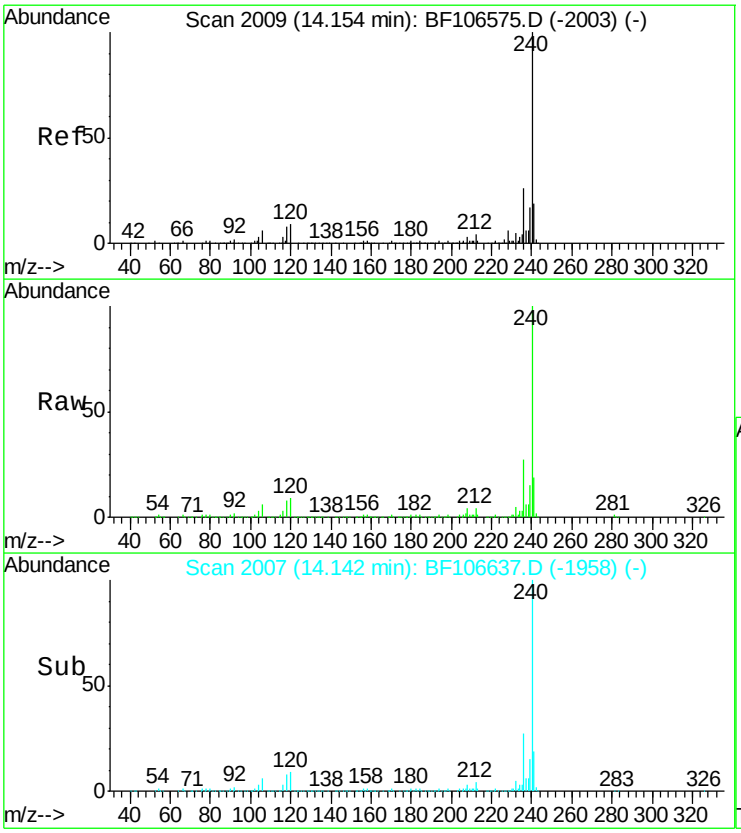
#66
4-Bromophenyl-phenylether
Concen: 4.153 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:248 Resp: 16925

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	372.0	74.4	111.6#

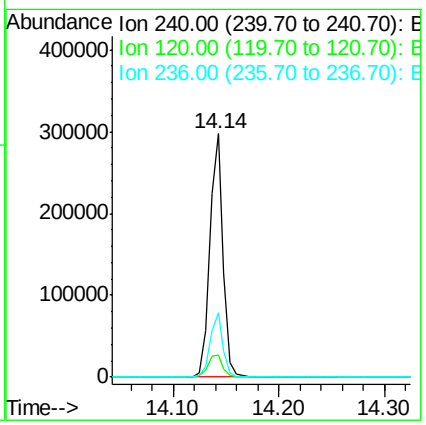


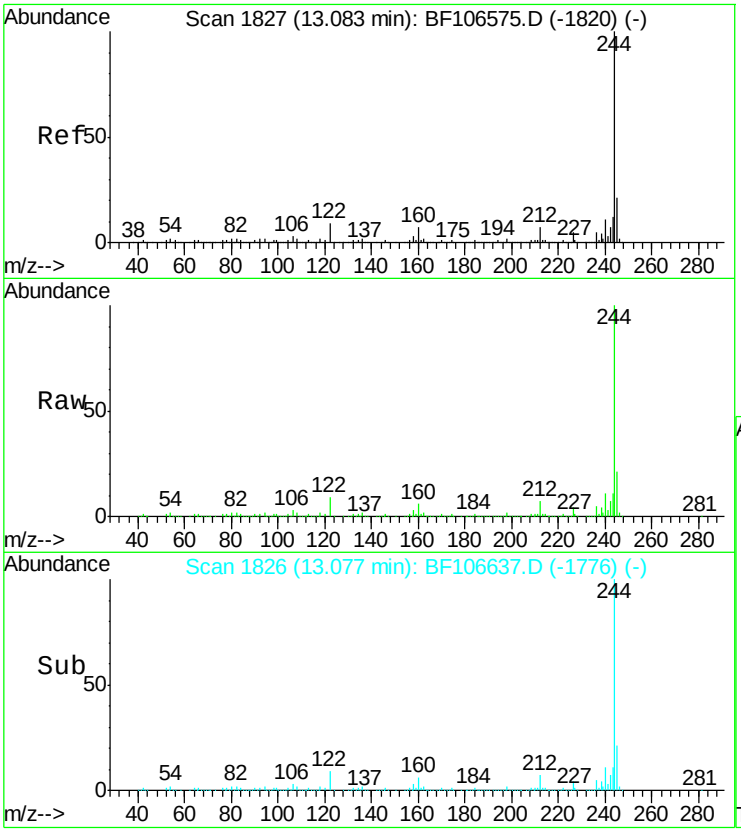


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:240 Resp: 261935

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.5	20.7	31.1



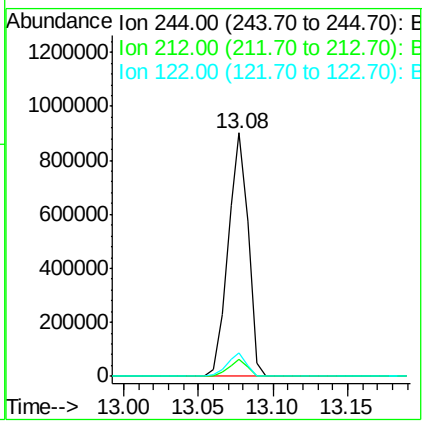


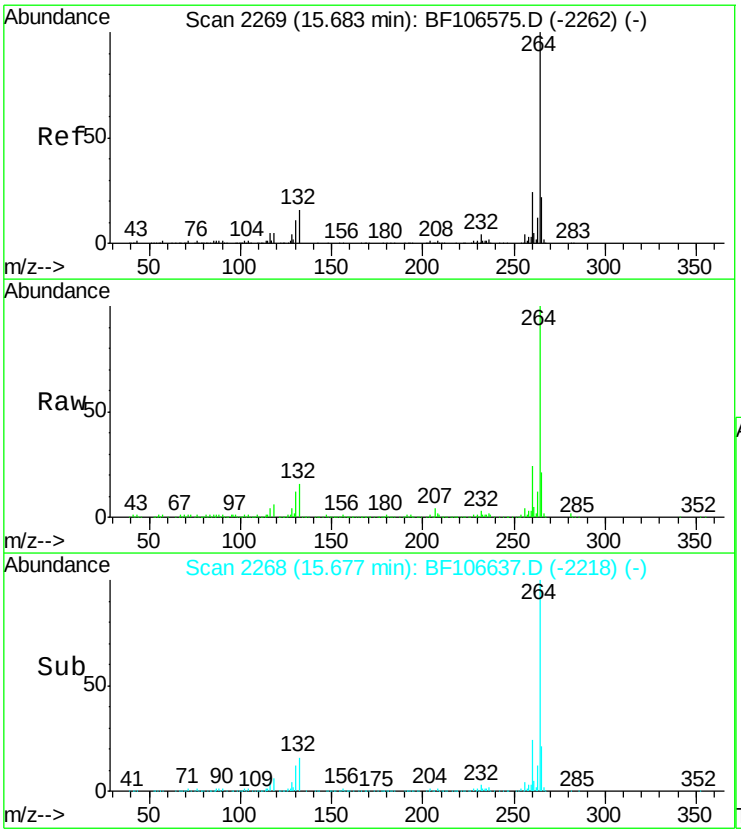
#78
Terphenyl-d14
Concen: 79.230 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Instrument :
BNA_F
ClientSampleId :
A-5(2.5)

Tgt Ion:244 Resp: 856751

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106637.D
Acq: 20 Jun 2018 23:16

Tgt Ion:264 Resp: 249206

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.5	26.3