Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
Data File : BF107073.D
Acq On : 3 Jul 2018 11:06
Operator : JU/SJ
Sample : PB110757BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110757BL

Quant Time: Jul 03 12:15:17 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 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63217	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	245385	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	129085	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	272875	20.00	ng		0.00
75) Chrysene-d12	14.15	240	227031	20.00	ng		-0.02
86) Perylene-d12	15.70	264	175875	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	441418	118.24	ng		0.00
7) Phenol-d6	6.61	99	553150	118.65	ng		0.00
23) Nitrobenzene-d5	7.52	82	351413	79.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	158578	105.99	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	677115	89.58	ng		-0.01
78) Terphenyl-d14	13.08	244	896380	95.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	9342	2.380	ng		90
19) n-Nitroso-di-n-propylamine	7.52	70	46033	14.979	ng	#	72
25) Isophorone	7.52	82	351407	45.164	ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	16143	7.874	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	16143	6.033	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	9752	2.995	ng	#	1

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

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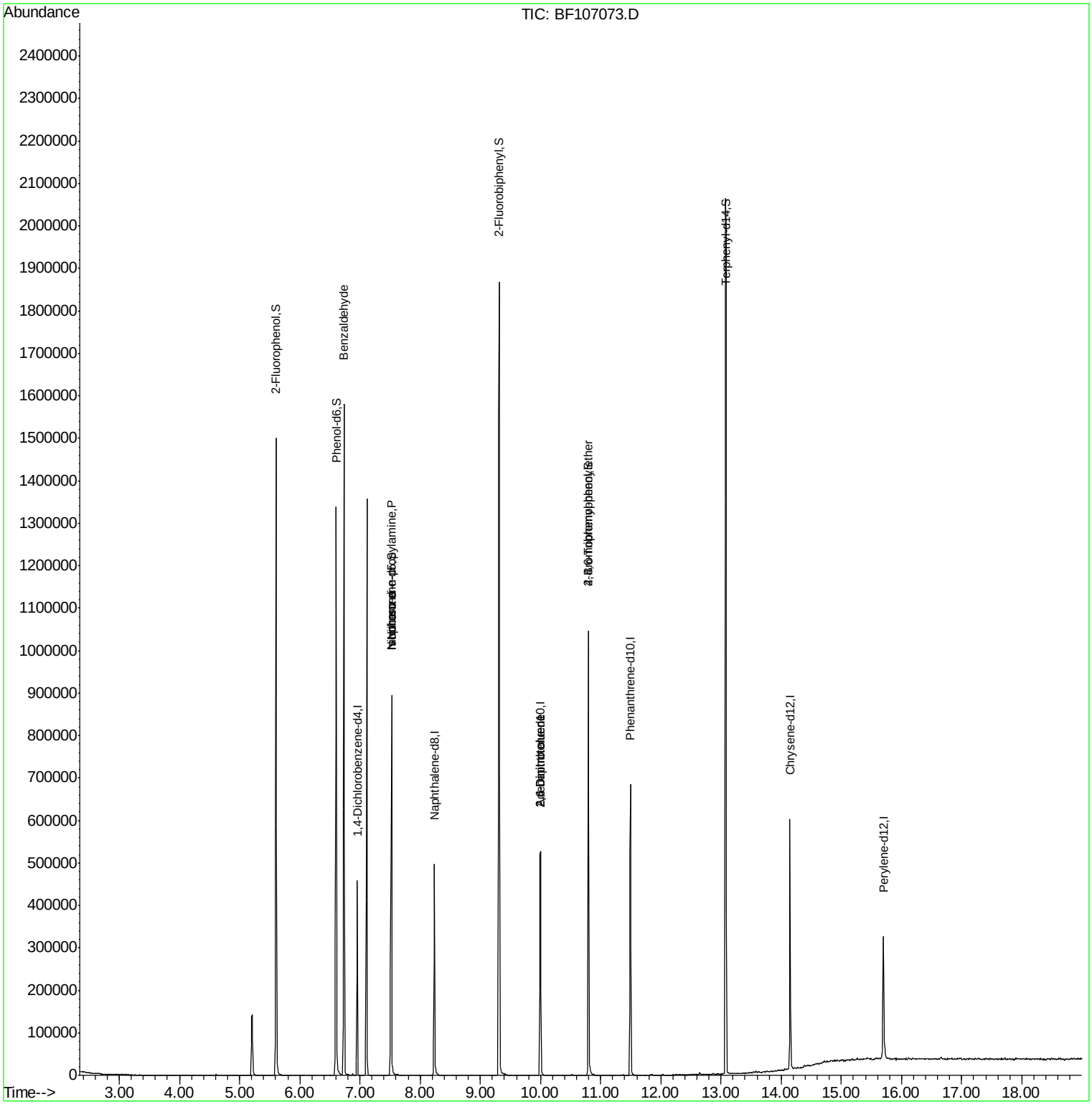
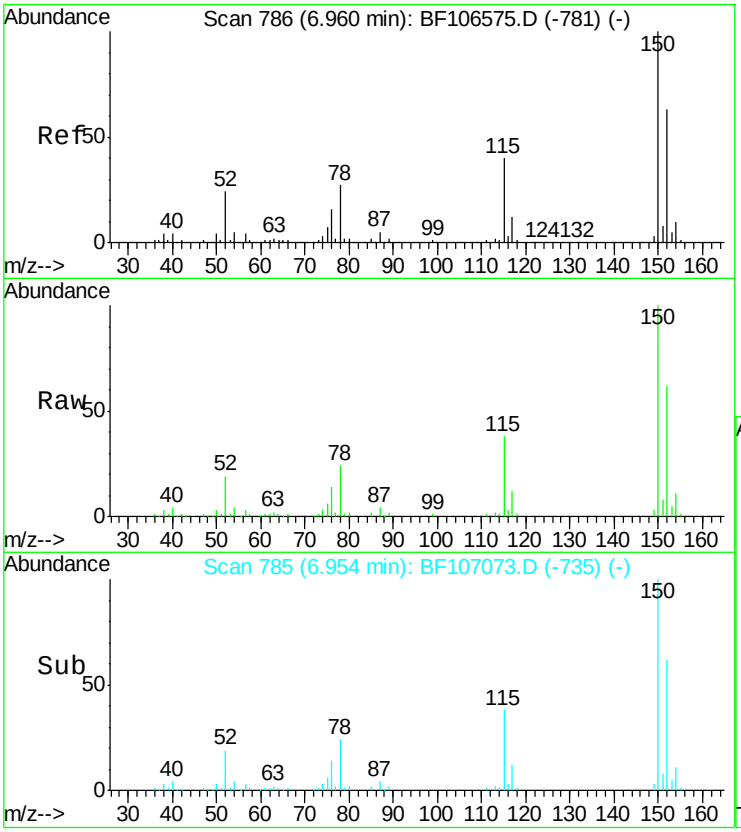


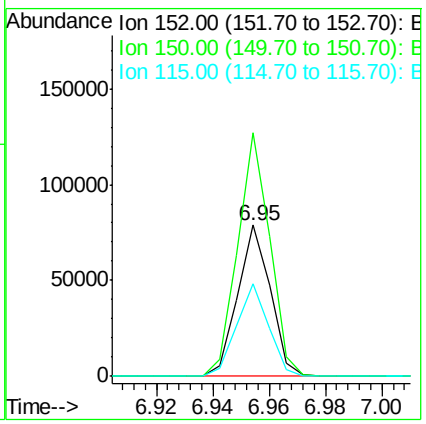


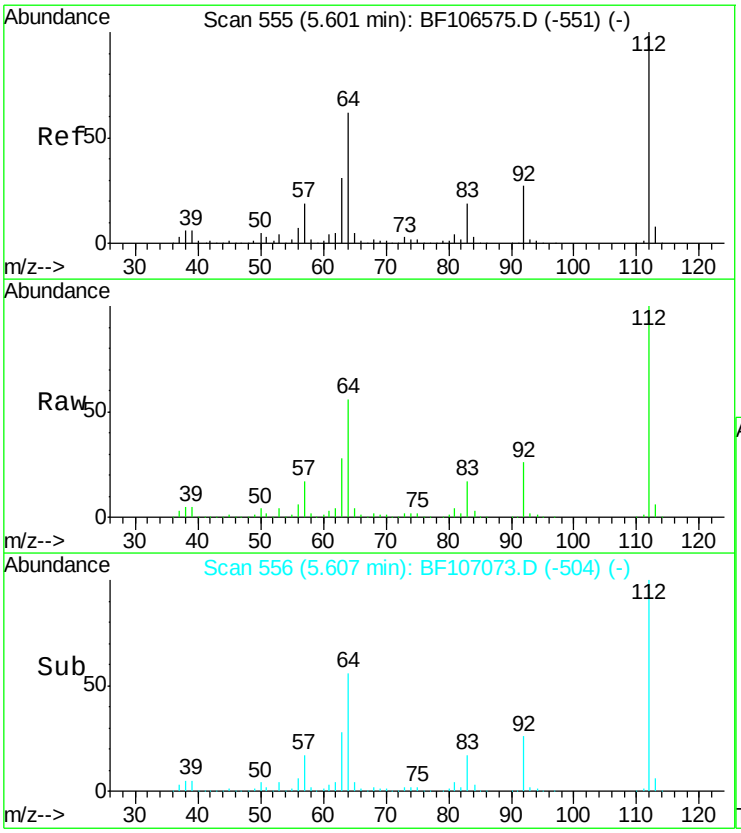
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:152 Resp: 63217

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.8	50.1	75.1

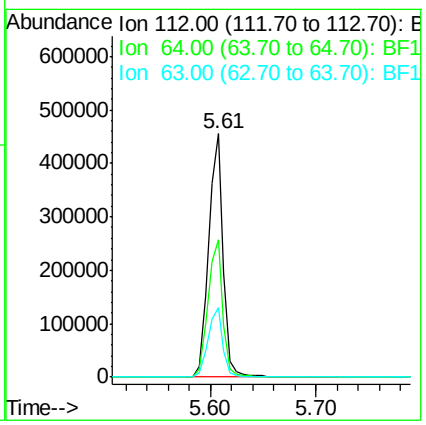


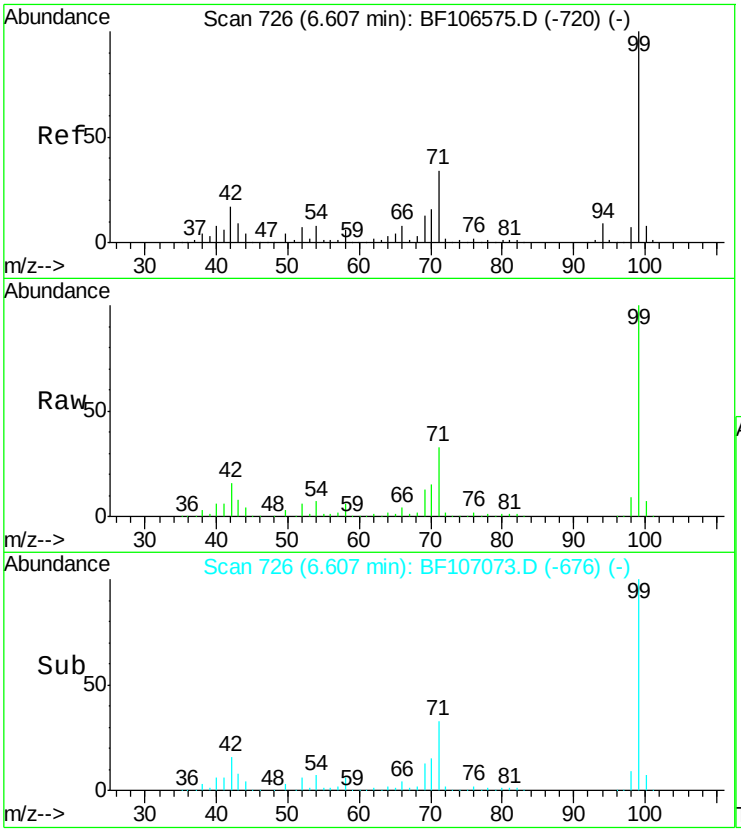


#5
2-Fluorophenol
Concen: 118.237 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:112 Resp: 441418

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.3	23.7	35.5



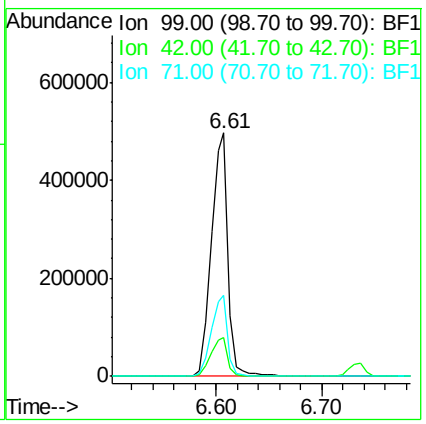


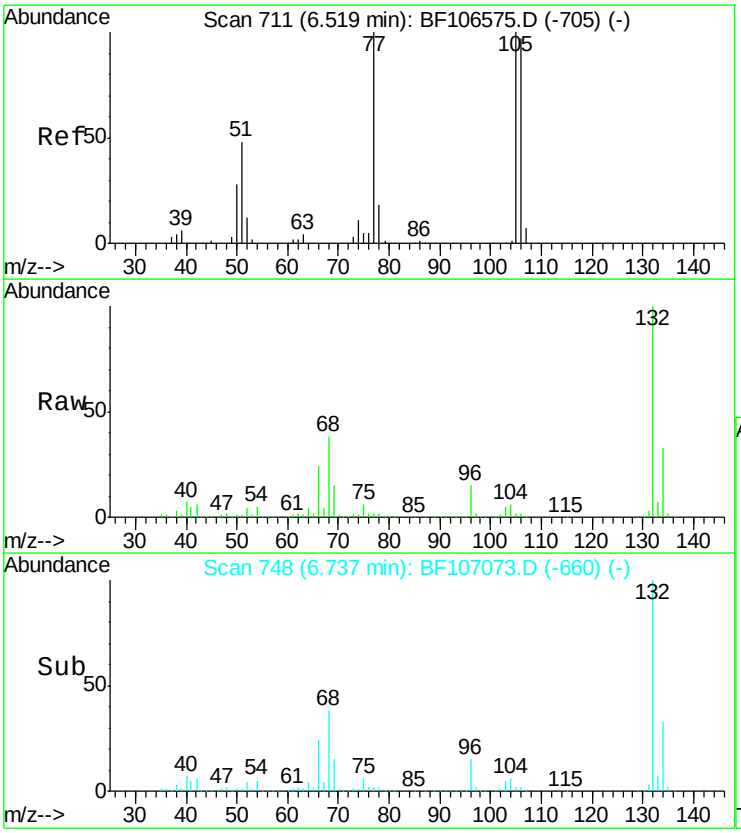
#7
Phenol-d6
Concen: 118.646 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion: 99 Resp: 553150

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	33.3	25.4	38.0

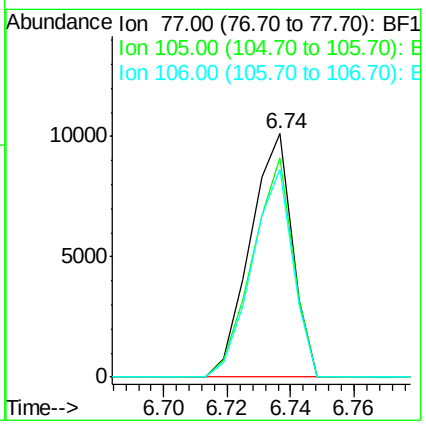


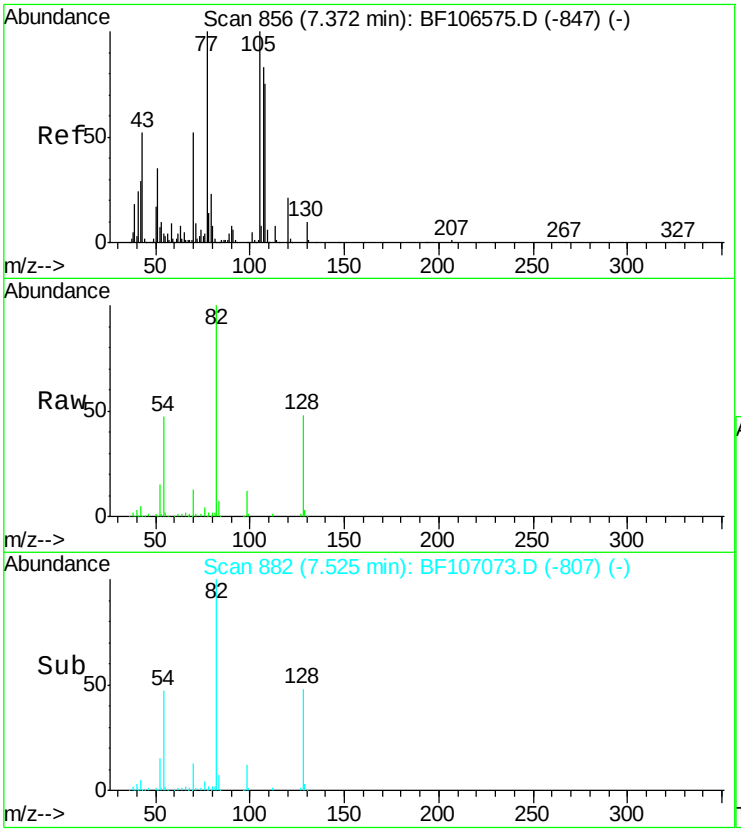


#9
Benzaldehyde
Concen: 2.380 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion: 77 Resp: 9342

Ion	Ratio	Lower	Upper
77	100		
105	90.3	81.1	121.1
106	85.4	74.5	114.5



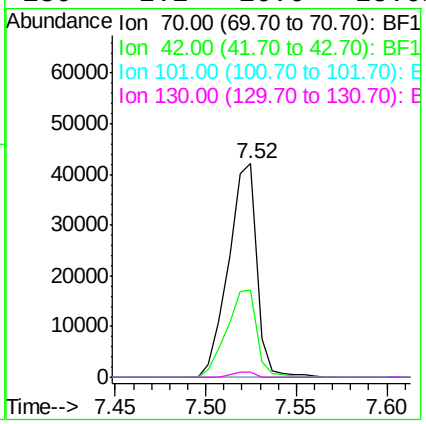


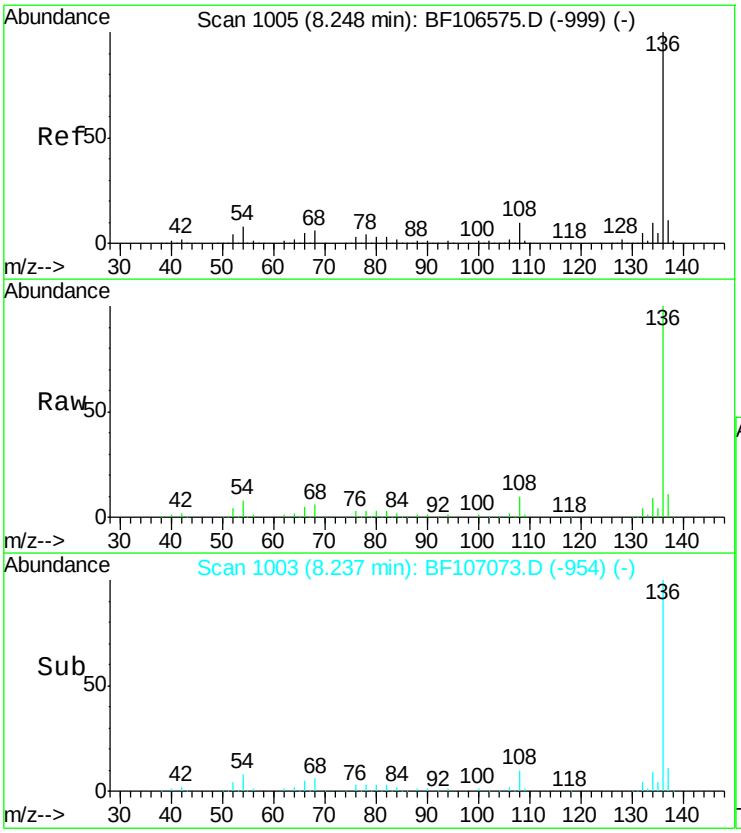
#19
n-Nitroso-di-n-propylamine
Concen: 14.979 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion: 70 Resp: 46033

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

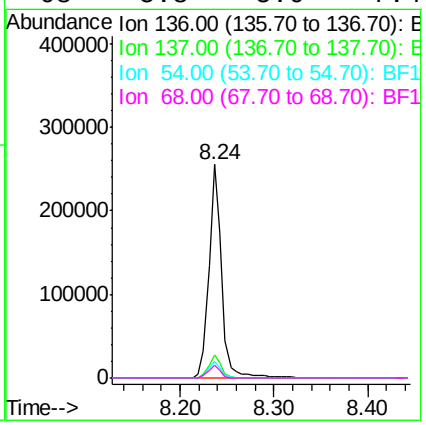


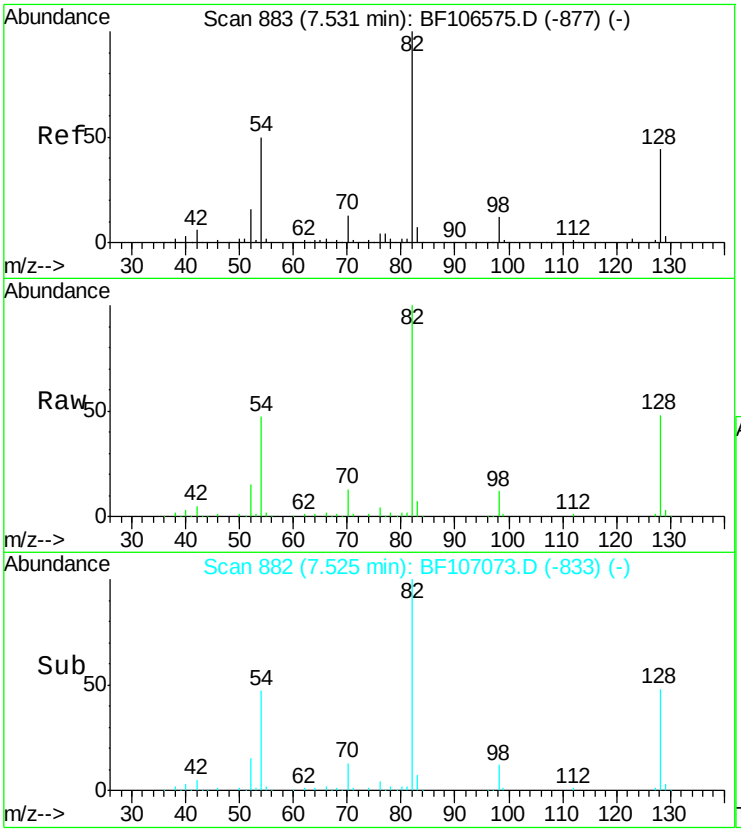


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:136 Resp: 245385

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.8	5.0	7.4



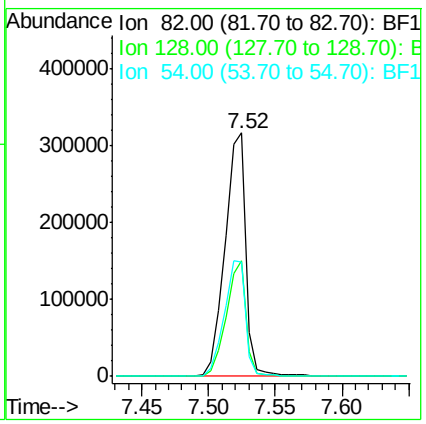


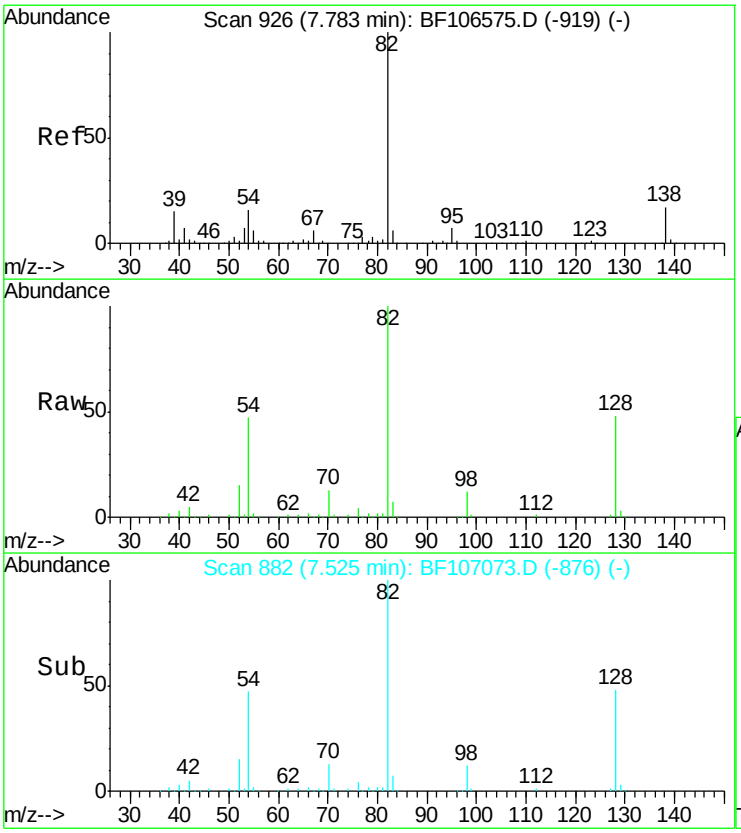
#23
Nitrobenzene-d5
Concen: 79.586 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion: 82 Resp: 351413

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	47.2	41.4	62.2

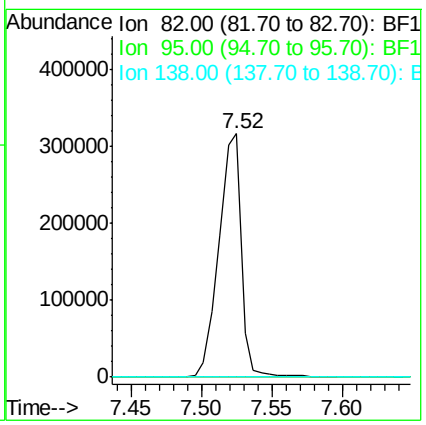


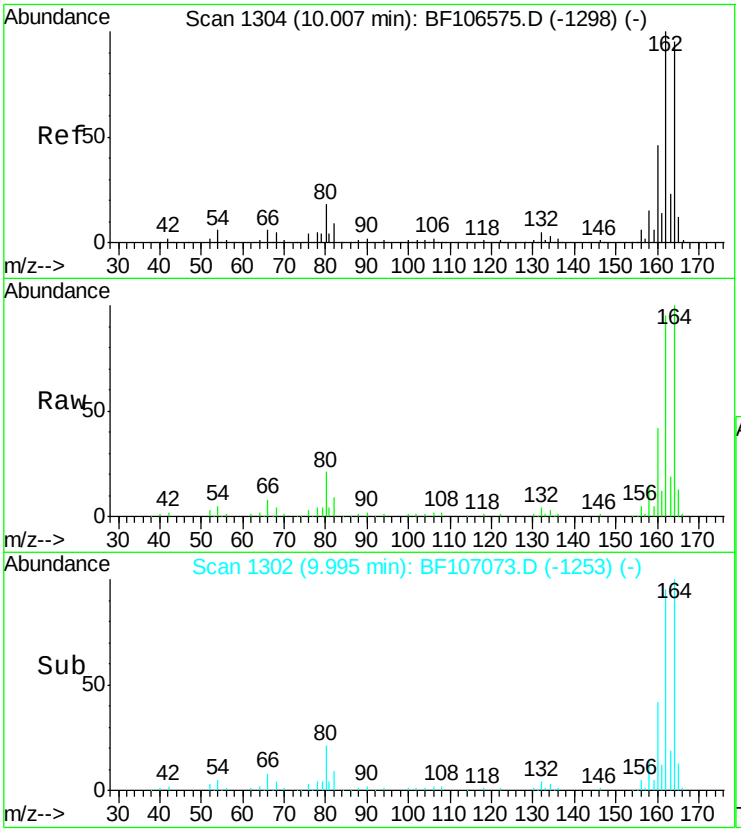


#25
Isophorone
Concen: 45.164 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion: 82 Resp: 351407

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



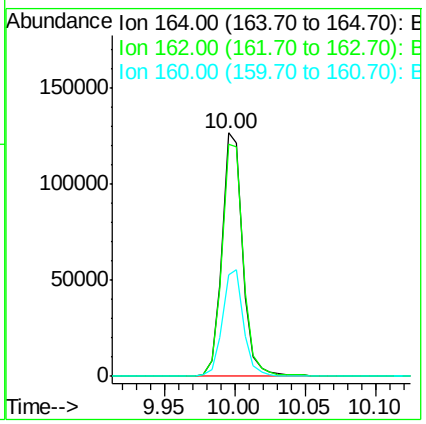


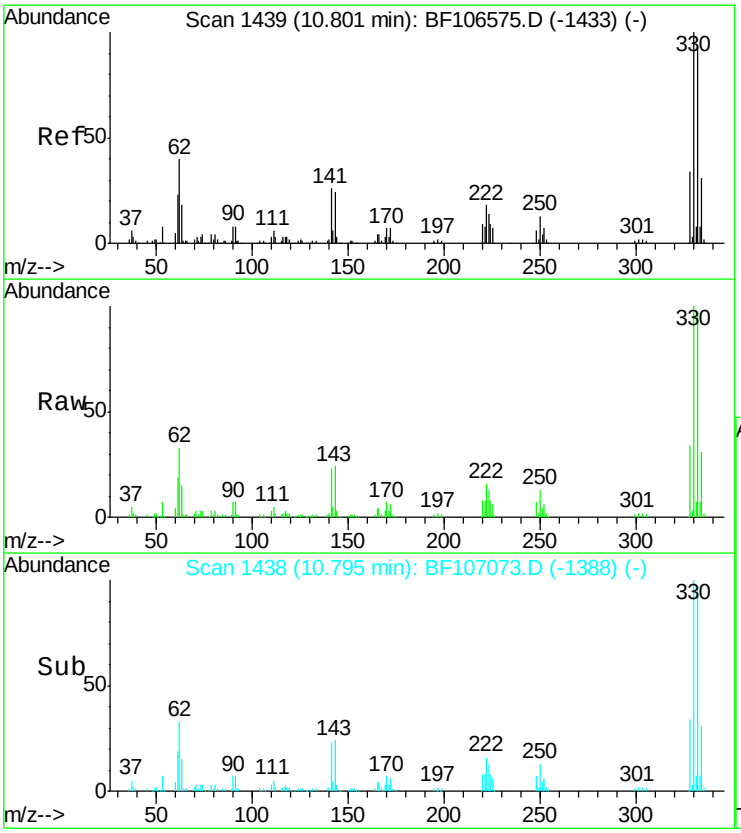
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:164 Resp: 129085

Ion	Ratio	Lower	Upper
164	100		
162	95.3	86.1	129.1
160	42.0	38.3	57.5

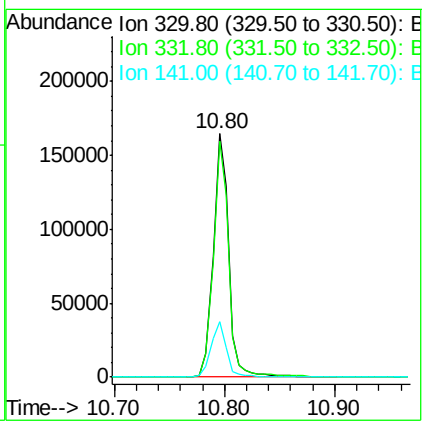


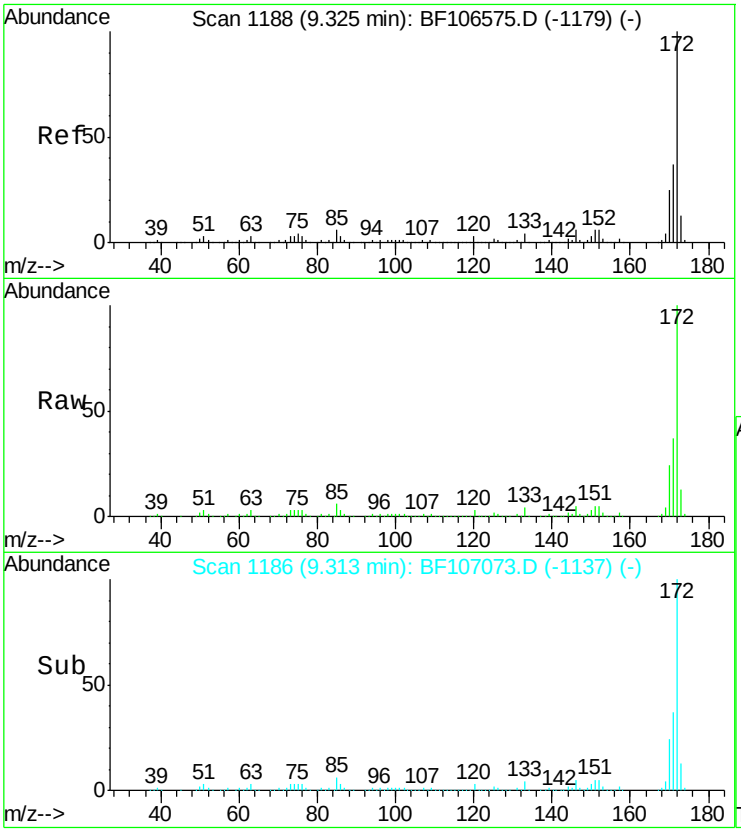


#41
2,4,6-Tribromophenol
Concen: 105.992 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:330 Resp: 158578

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	22.7	29.9	44.9#



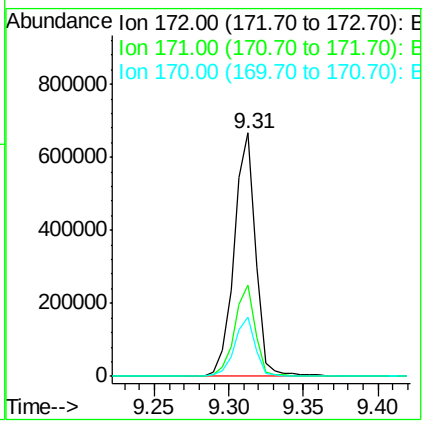


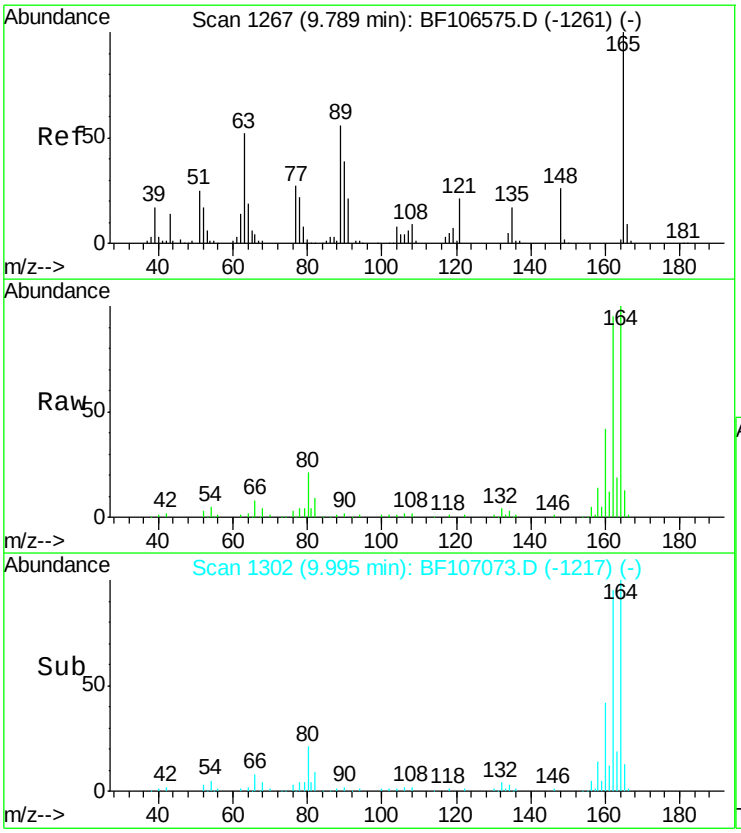
#44
2-Fluorobiphenyl
Concen: 89.582 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:172 Resp: 677115

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.4	19.6	29.4

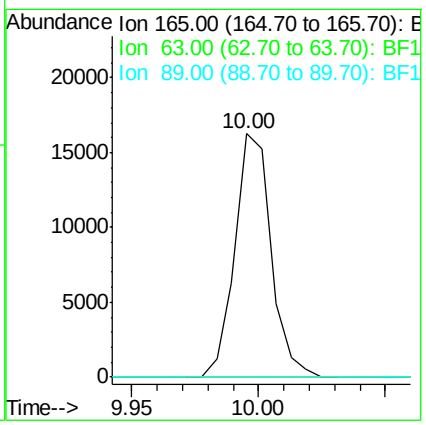


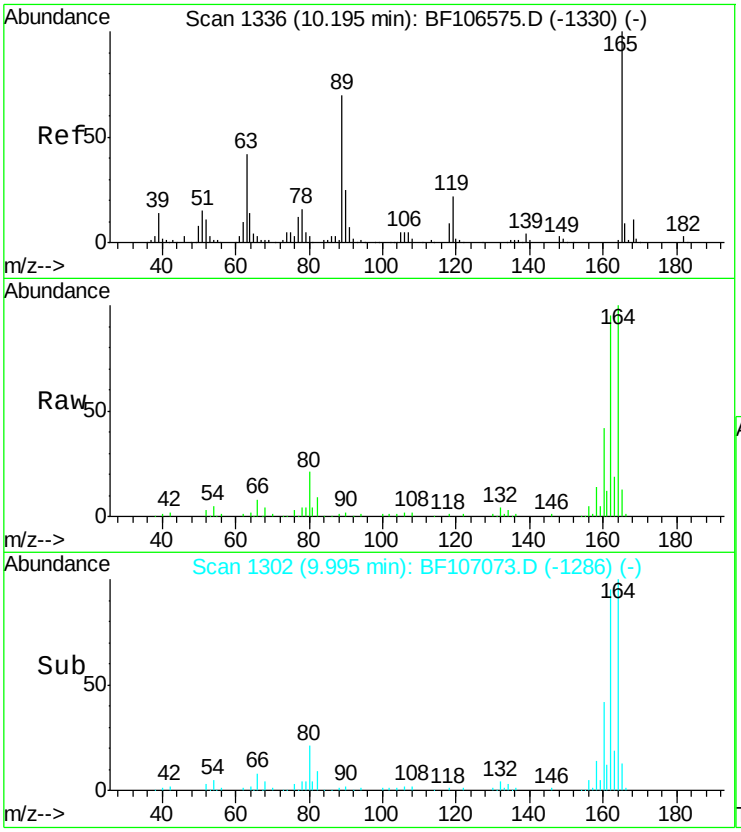


#50
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:165 Resp: 16143

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



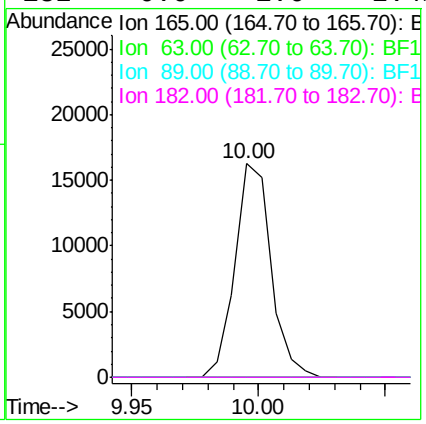


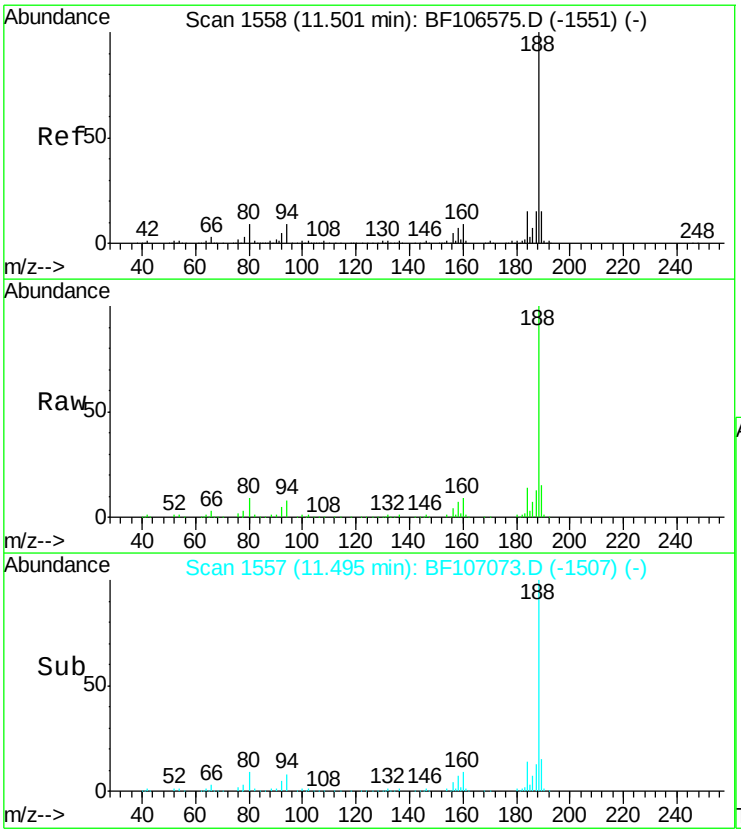
#56
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:165 Resp: 16143

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#

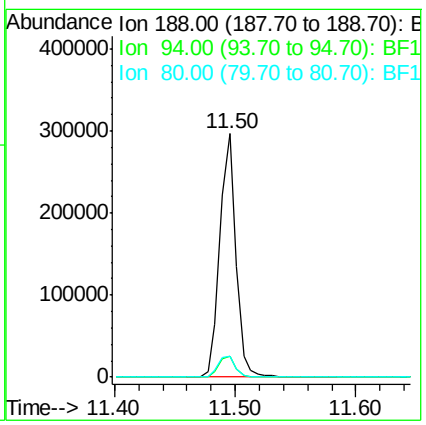


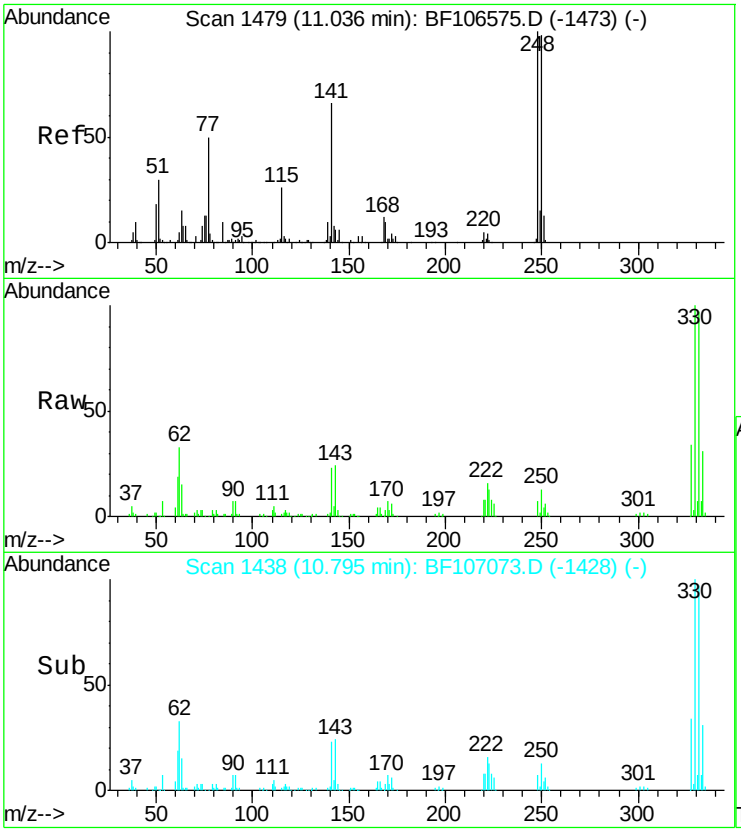


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:188 Resp: 272875

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



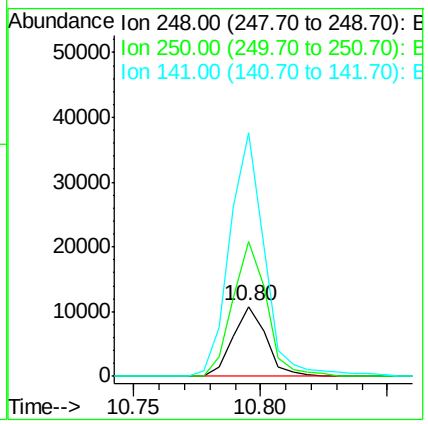


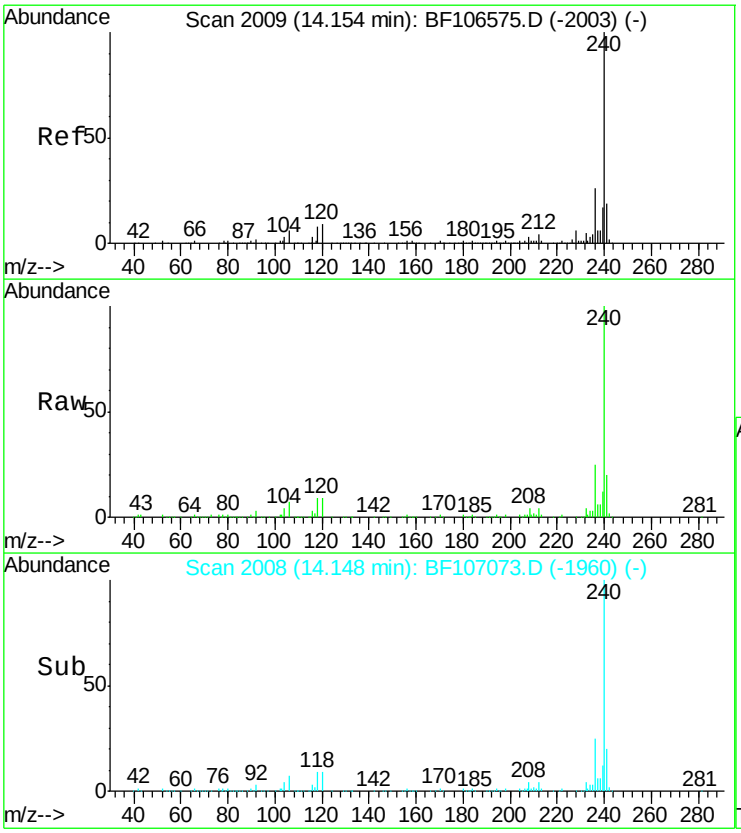
#66
4-Bromophenyl-phenylether
Concen: 2.995 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:248 Resp: 9752

Ion	Ratio	Lower	Upper
248	100		
250	193.3	76.9	115.3#
141	348.5	74.4	111.6#

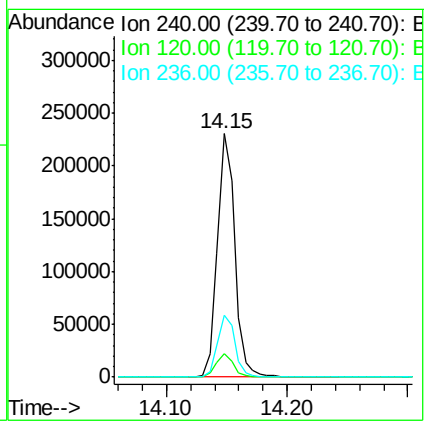


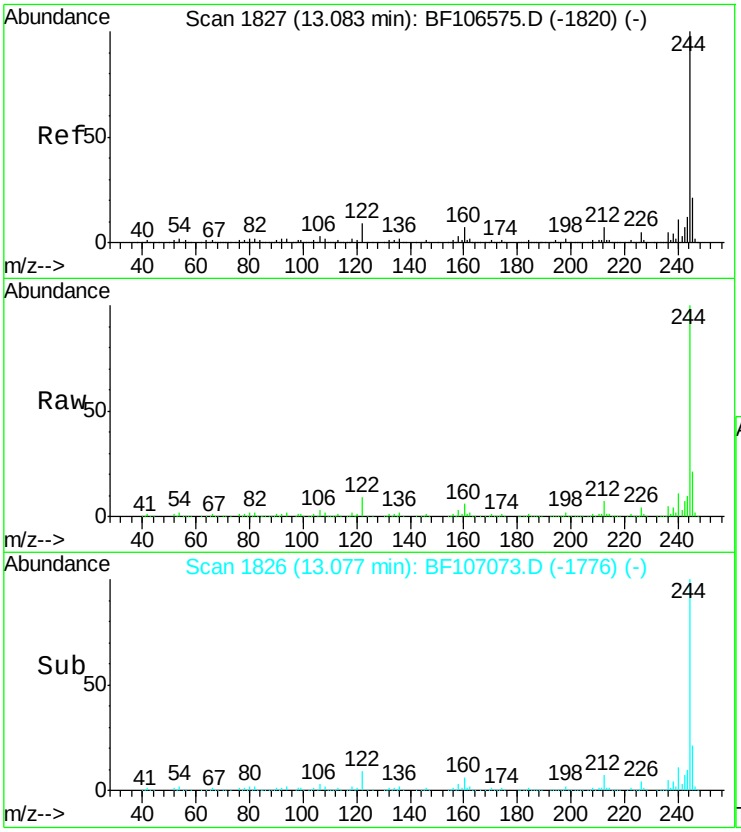


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:240 Resp: 227031

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.4	20.7	31.1



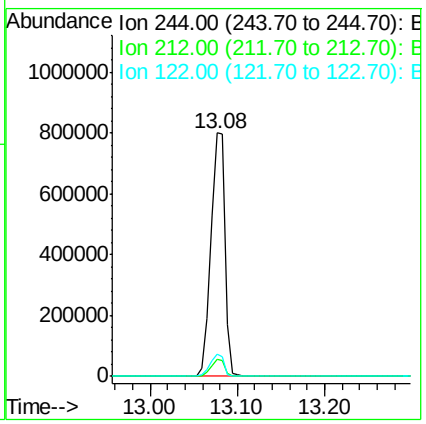


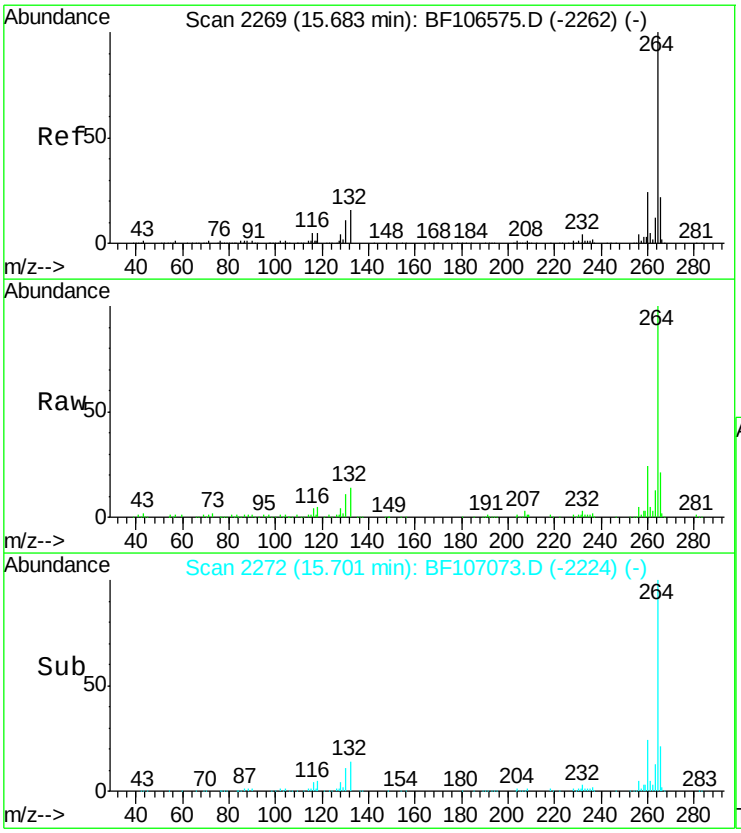
#78
Terphenyl-d14
Concen: 95.639 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_G
ClientSampleId :
PB110757BL

Tgt Ion:244 Resp: 896380

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:264 Resp: 175875

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.5	17.5	26.3