Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107190.D
Acq On : 6 Jul 2018 22:59
Operator : JU/SJ
Sample : J3887-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-D

Quant Time: Jul 07 00:18:57 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	59118	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	213954	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	92553	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	155313	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	164448	20.00	ng		-0.04
86) Perylene-d12	15.67	264	120483	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	450884	129.15	ng		0.00
7) Phenol-d6	6.60	99	564659	129.51	ng		-0.02
23) Nitrobenzene-d5	7.51	82	354075	91.97	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	138025	128.67	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	575234	109.44	ng		-0.02
78) Terphenyl-d14	13.07	244	586319	86.36	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.61	94	58361	11.729	ng		100
17) 2-Methylphenol	7.21	107	9788	2.987	ng		93
19) n-Nitroso-di-n-propylamine	7.51	70	46061	16.027	ng	#	73
20) 3+4-Methylphenols	7.37	107	29242	6.104	ng		85
25) Isophorone	7.51	82	354072	52.191	ng	#	64
32) Benzoic acid	8.03	122	4024	7.430	ng	#	16
49) Dimethylphthalate	9.70	163	96910	13.961	ng		99
56) 2,4-Dinitrotoluene	9.98	165	11432	5.958	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	8660	4.672	ng	#	1

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

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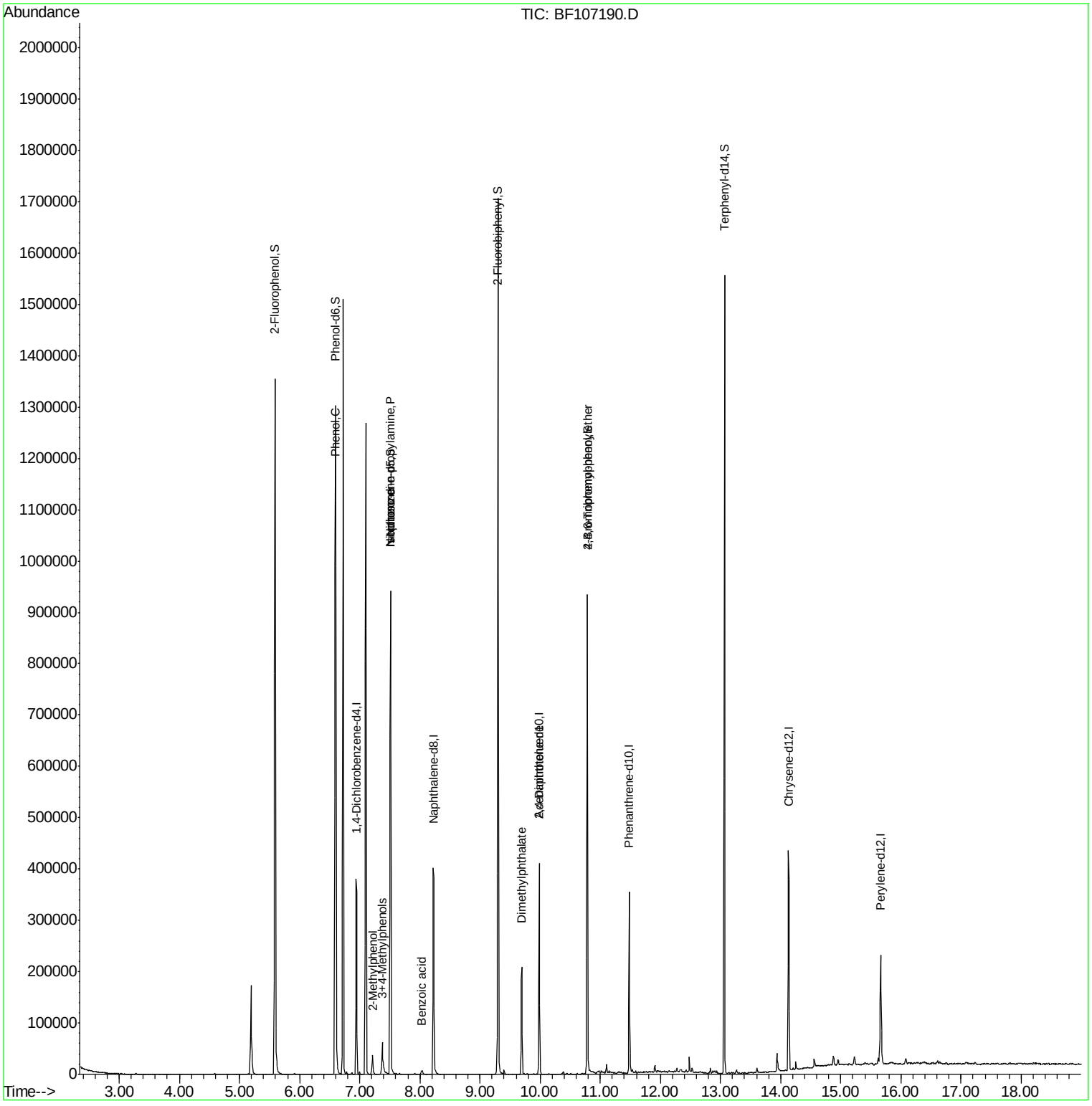
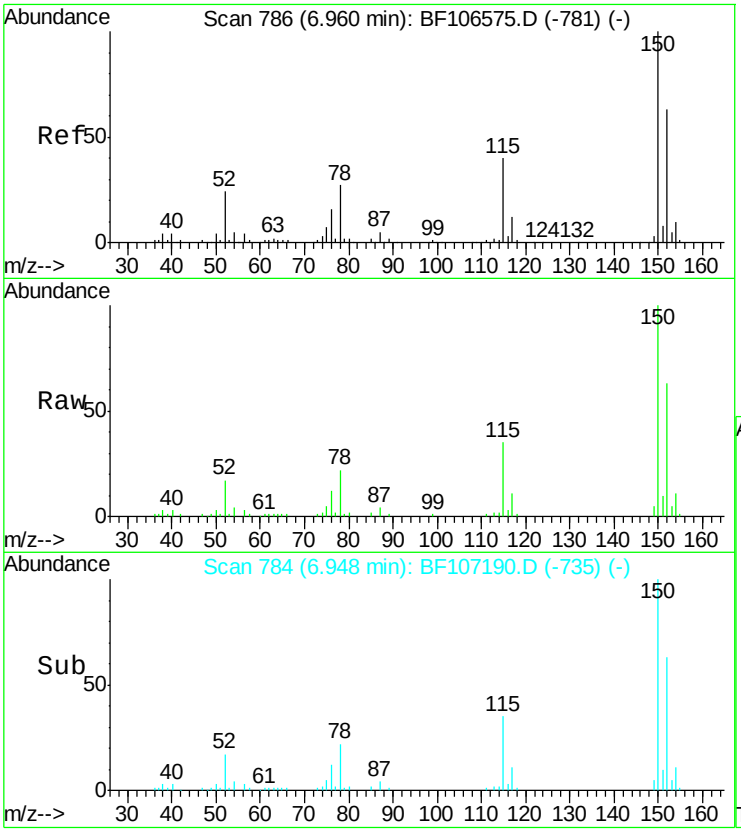


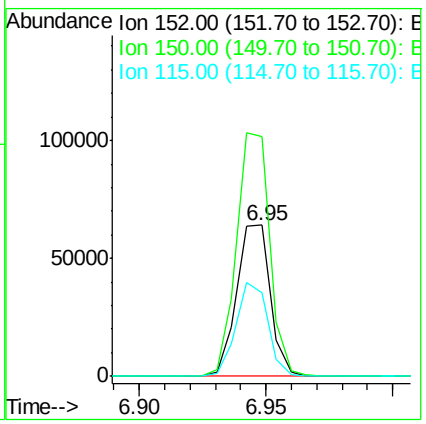


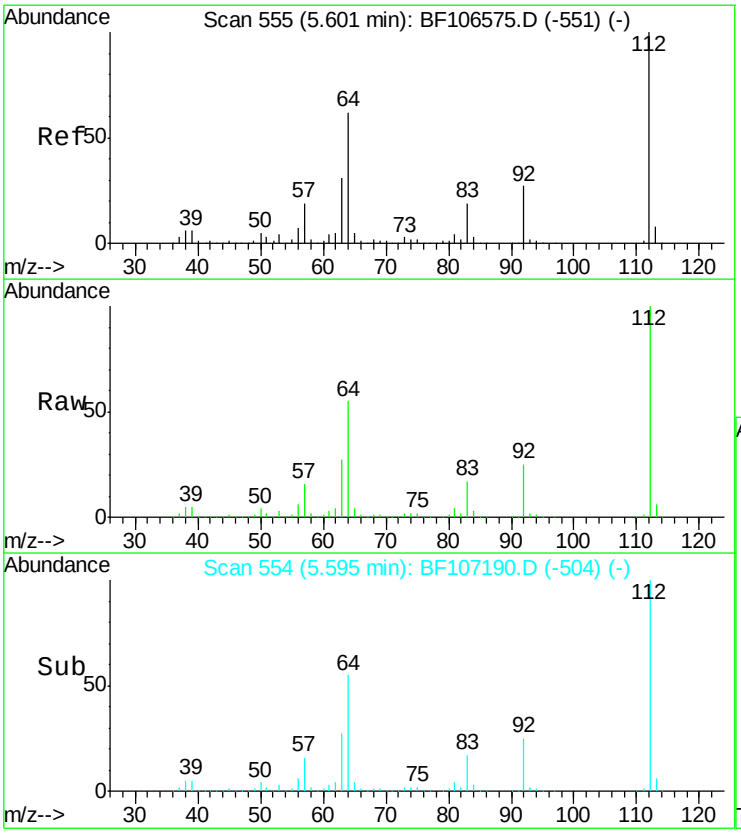
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:152 Resp: 59118

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	55.6	50.1	75.1

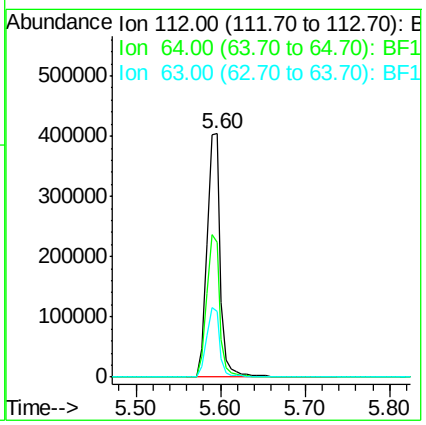


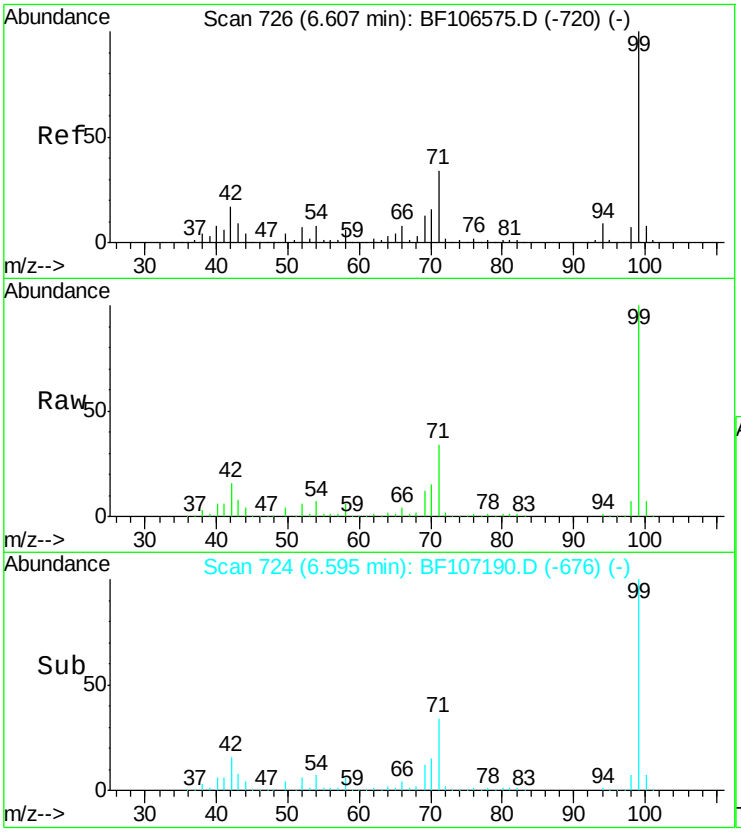


#5
2-Fluorophenol
Concen: 129.147 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:112 Resp: 450884

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.2	23.7	35.5



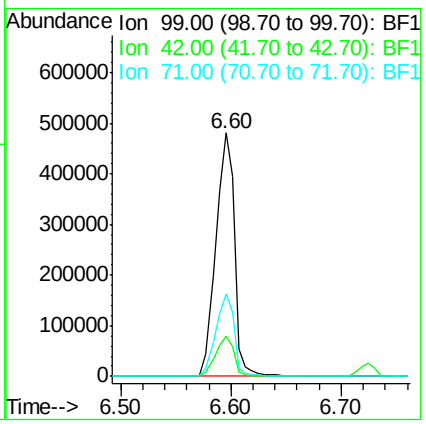


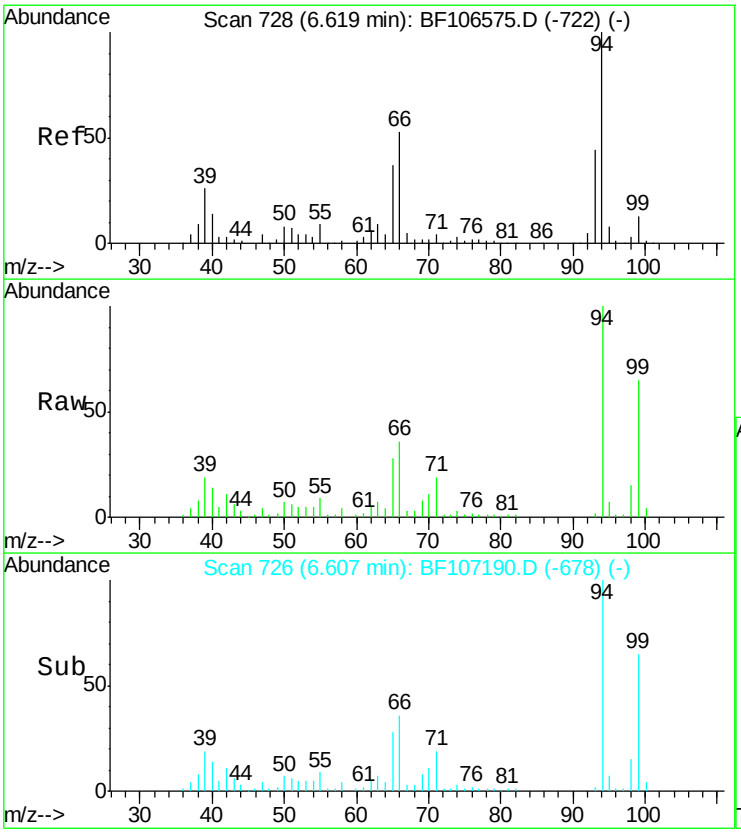
#7
Phenol-d6
Concen: 129.512 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion: 99 Resp: 564659

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.9	25.4	38.0

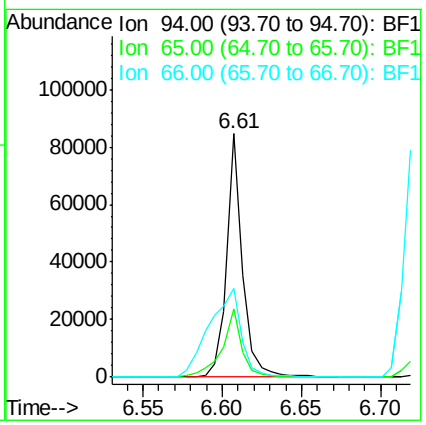


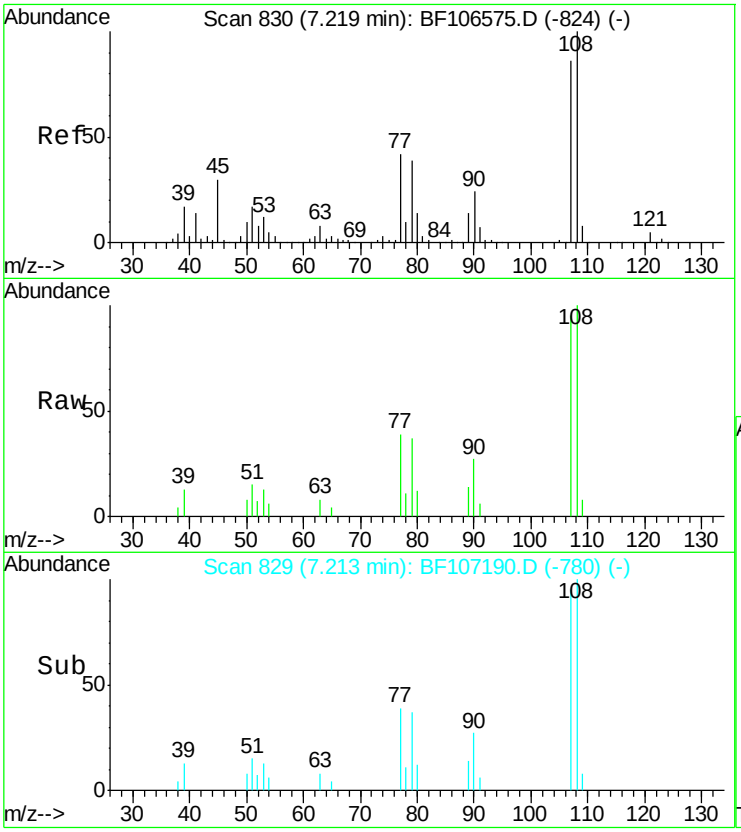


#10
Phenol
Concen: 11.729 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion: 94 Resp: 58361

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	36.4	16.2	56.2



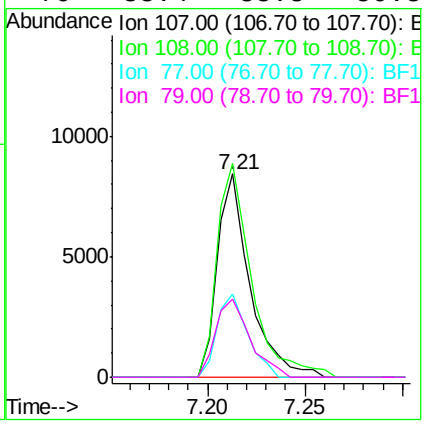


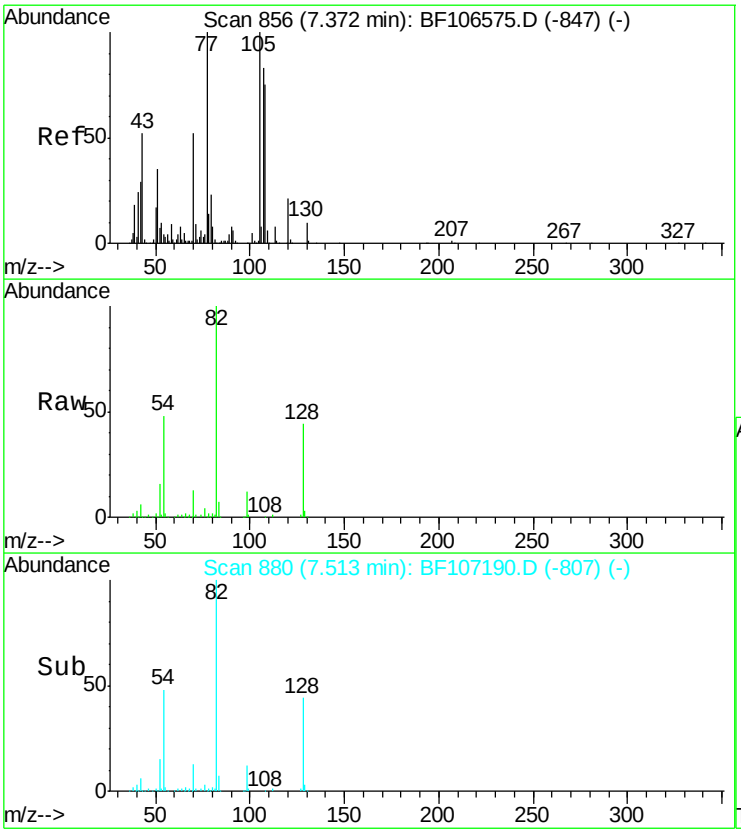
#17
2-Methylphenol
Concen: 2.987 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:107 Resp: 9788

Ion	Ratio	Lower	Upper
107	100		
108	105.1	91.7	137.5
77	40.7	33.8	50.8
79	38.4	33.8	50.8

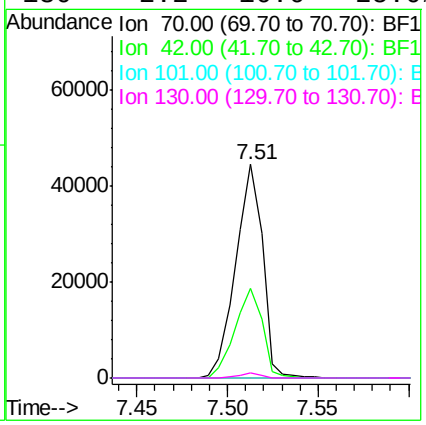


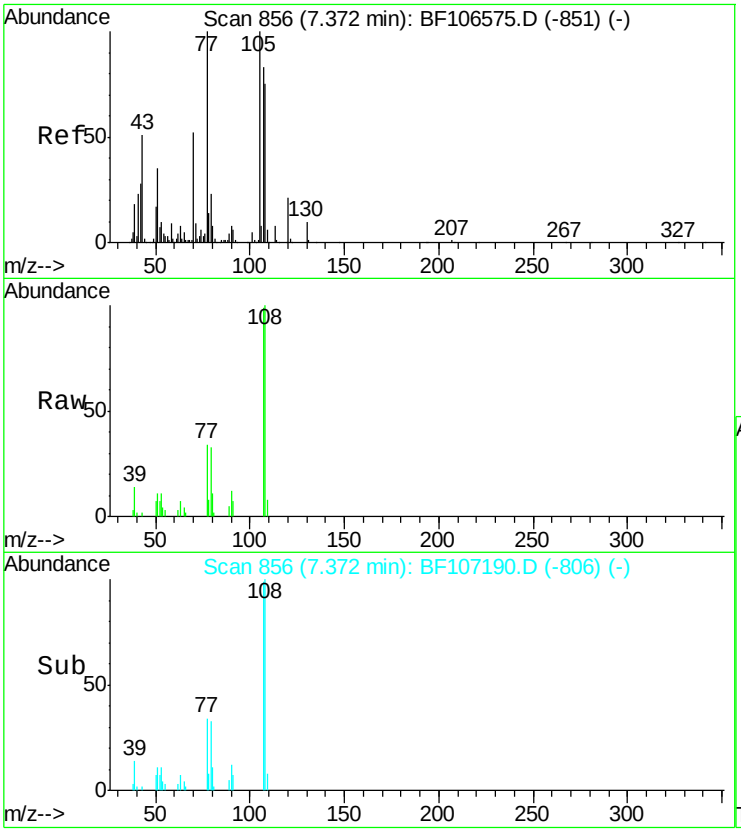


#19
n-Nitroso-di-n-propylamine
Concen: 16.027 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion: 70 Resp: 46061

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



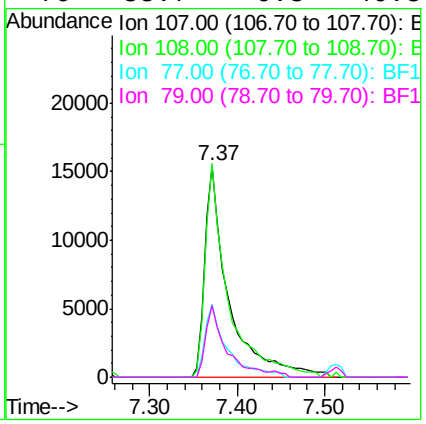


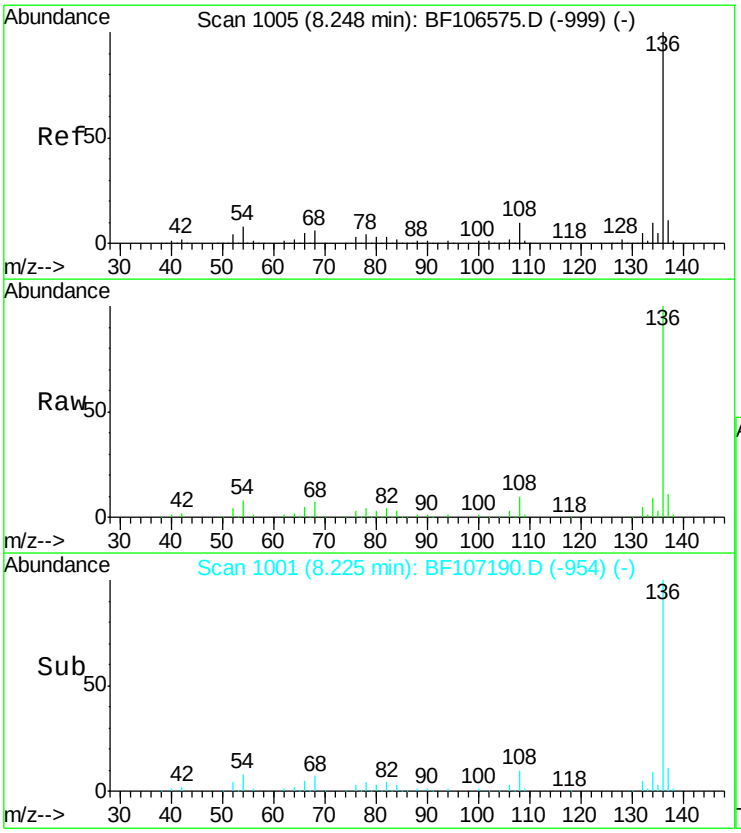
#20
3+4-Methylphenols
Concen: 6.104 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:107 Resp: 29242

Ion	Ratio	Lower	Upper
107	100		
108	100.8	68.2	108.2
77	34.3	26.7	66.7
79	33.7	6.3	46.3

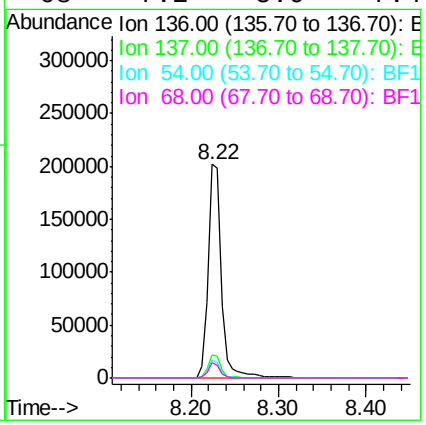


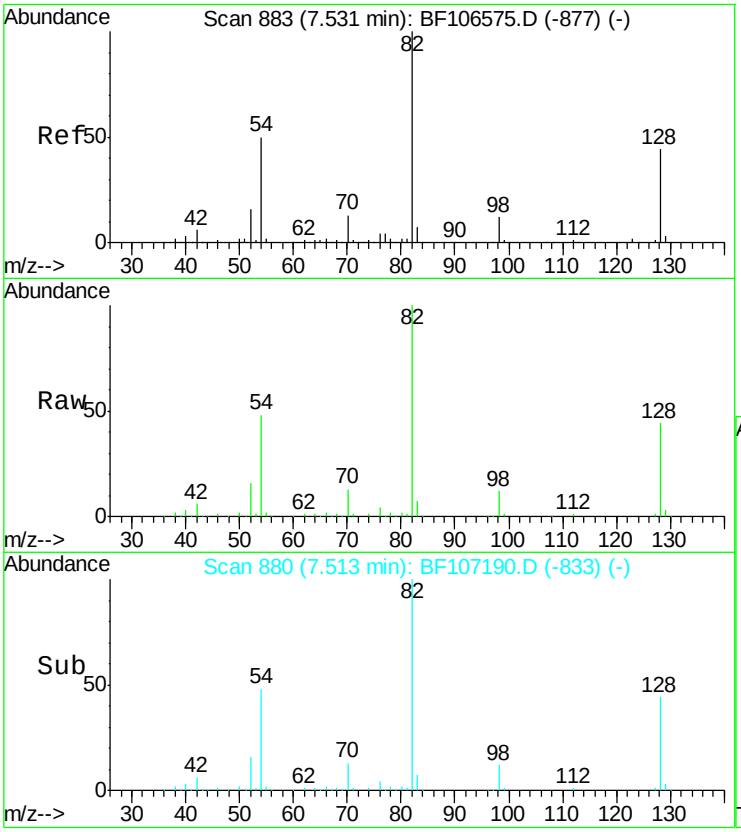


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:136 Resp: 213954

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	7.2	5.0	7.4



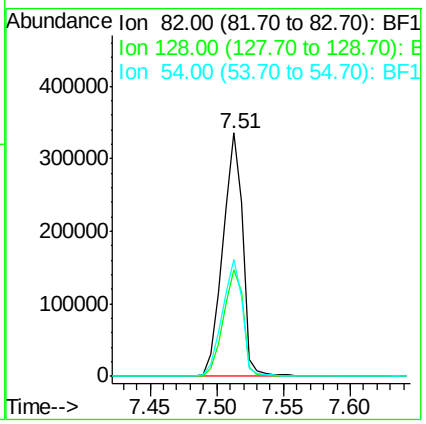


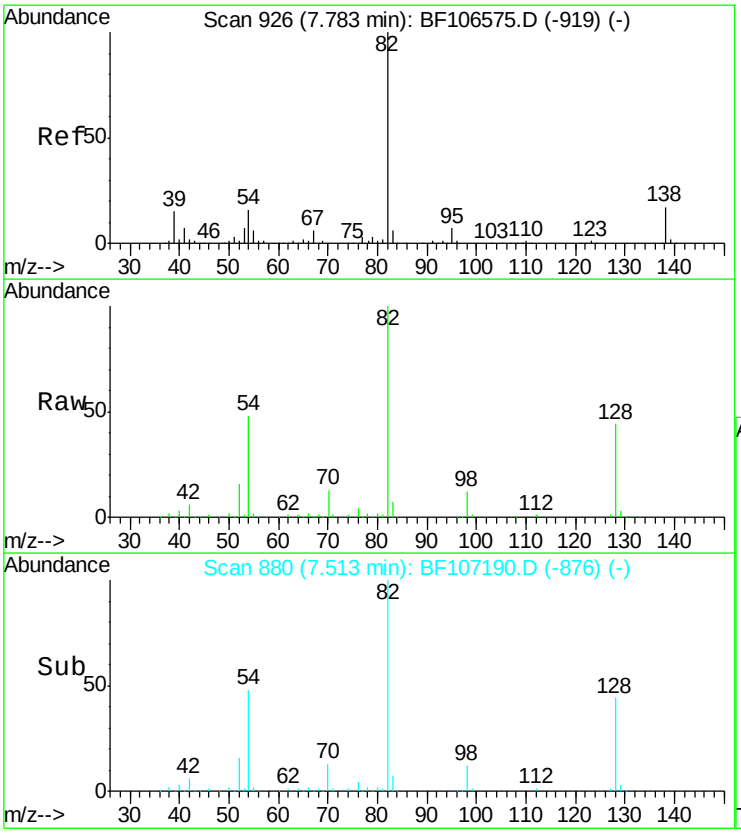
#23
Nitrobenzene-d5
Concen: 91.969 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion: 82 Resp: 354075

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.2	41.4	62.2

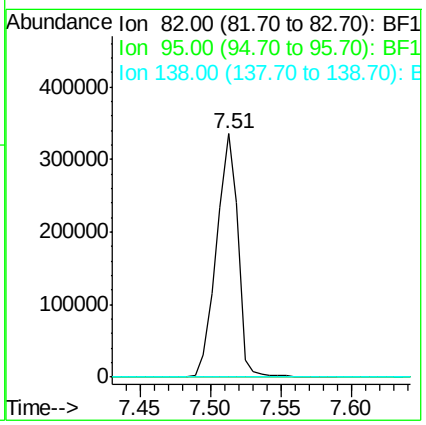


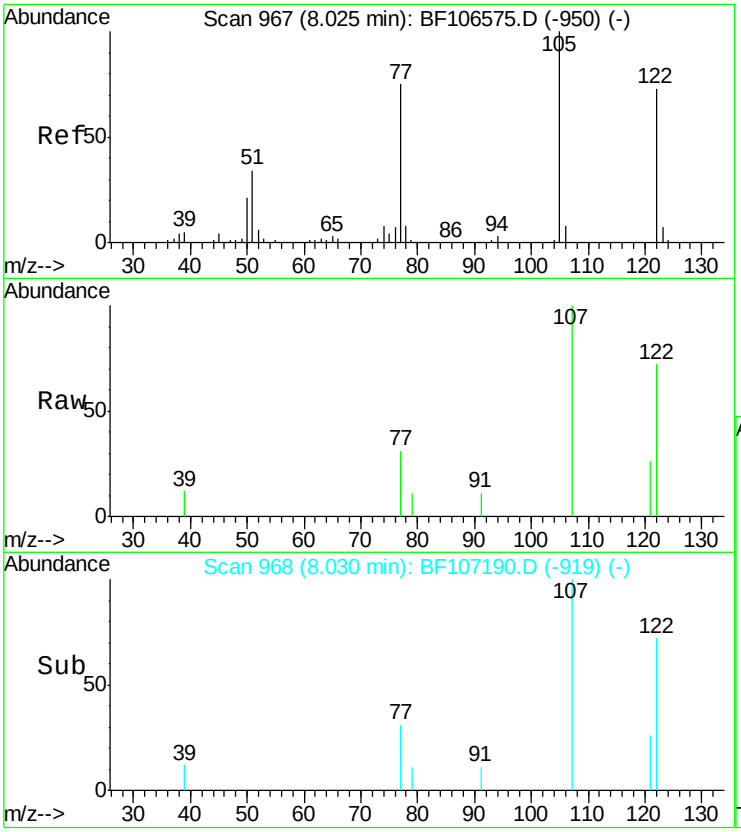


#25
Isophorone
Concen: 52.191 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion: 82 Resp: 354072

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



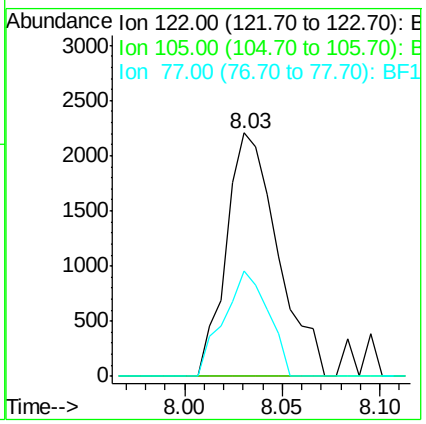


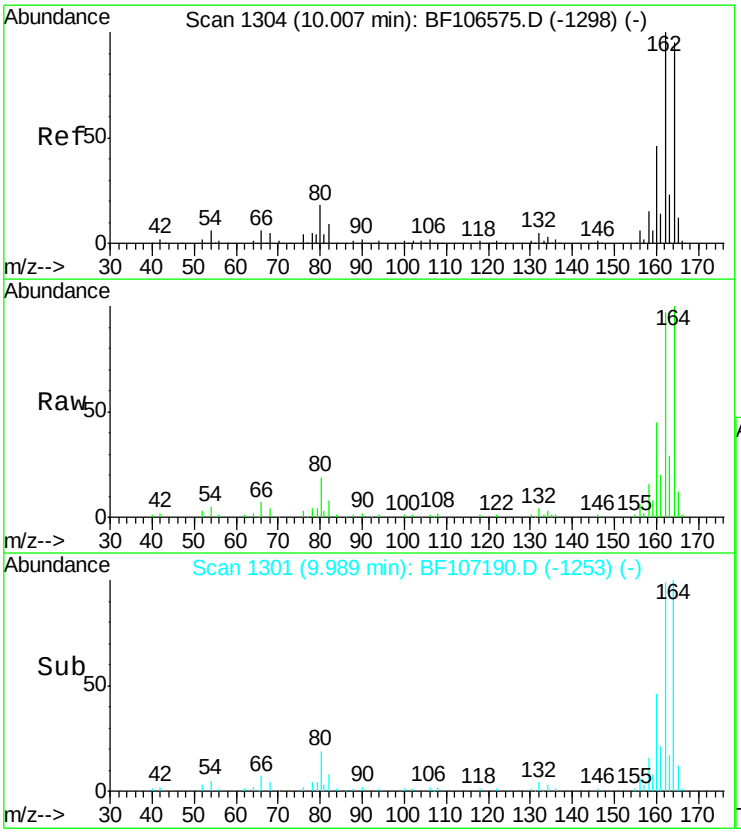
#32
Benzoic acid
Concen: 7.430 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:122 Resp: 4024

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	43.1	70.7	110.7#

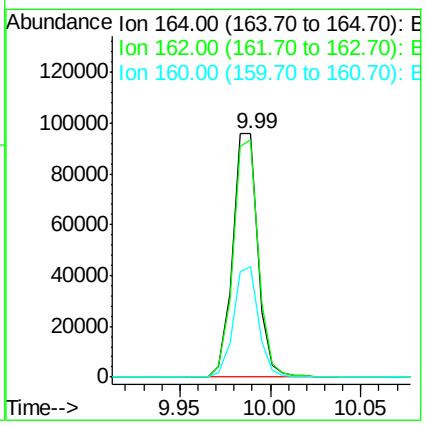


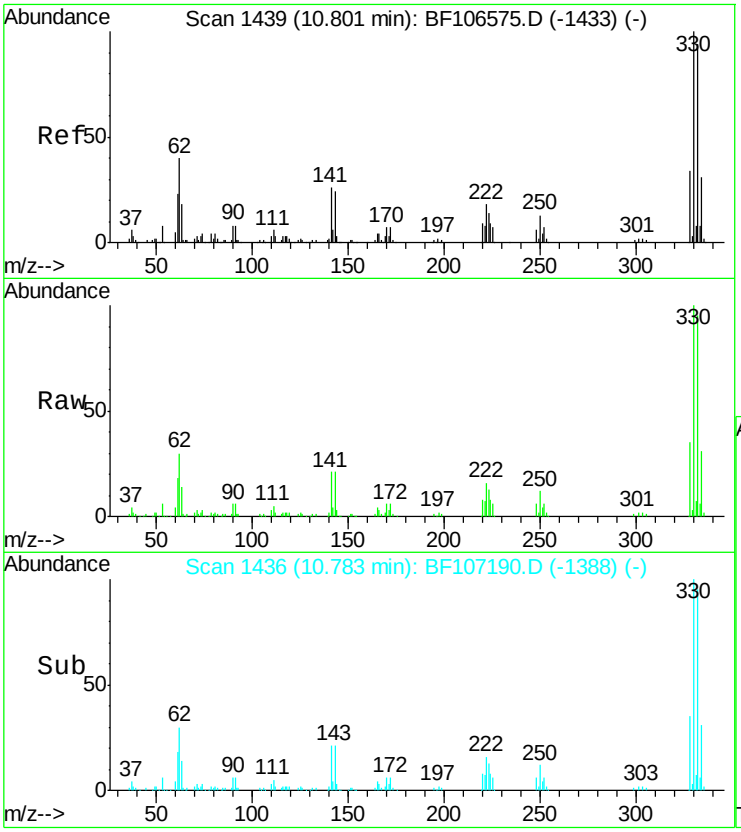


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:164 Resp: 92553

Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	45.3	38.3	57.5



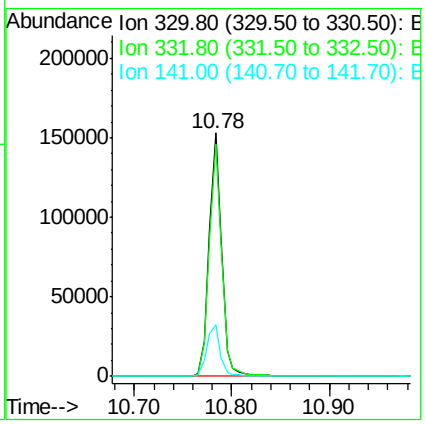


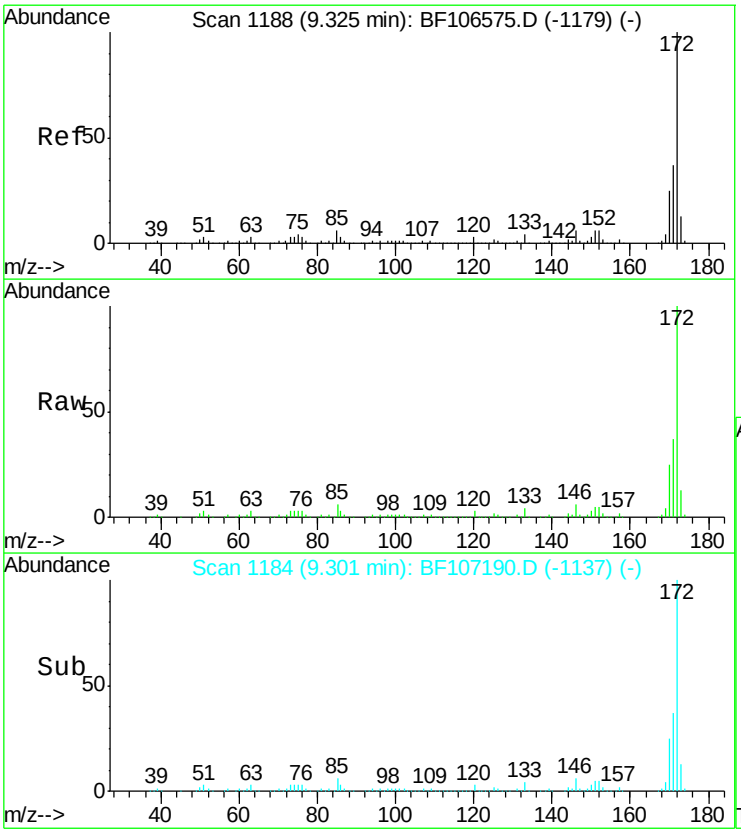
#41
2,4,6-Tribromophenol
Concen: 128.669 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:330 Resp: 138025

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	22.3	29.9	44.9#

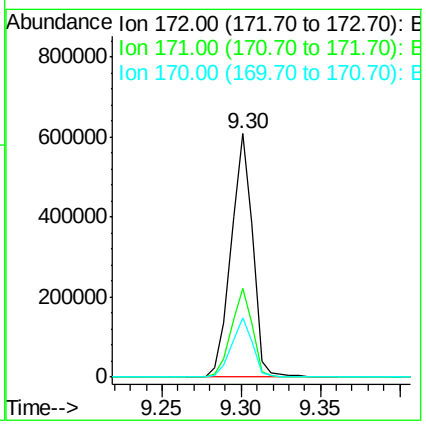


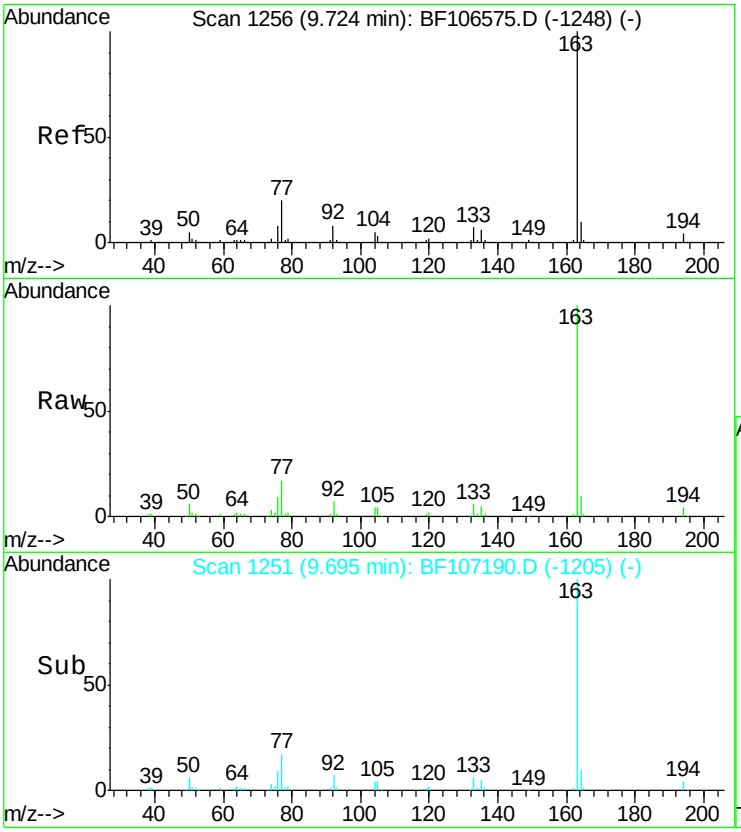


#44
2-Fluorobiphenyl
Concen: 109.441 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:172 Resp: 575234

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4



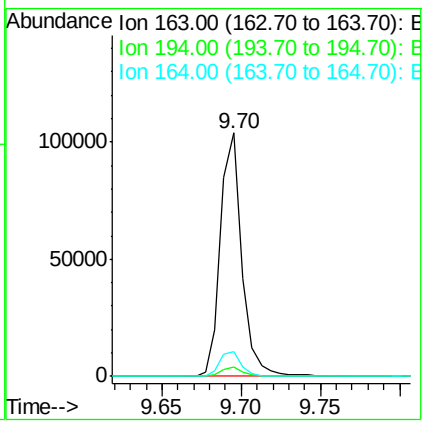


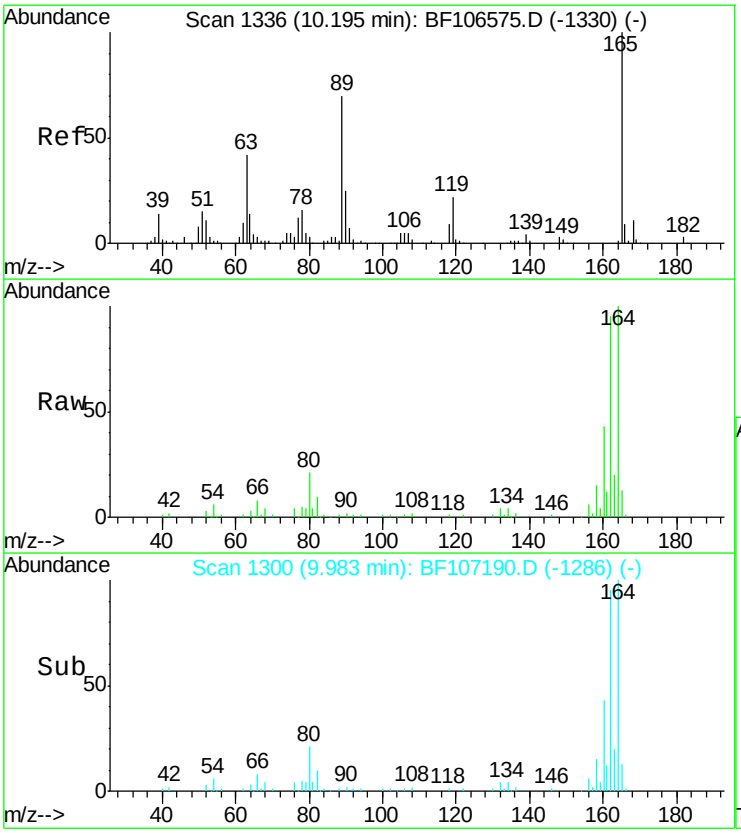
#49
Dimethylphthalate
Concen: 13.961 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:163 Resp: 96910

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.1	8.2	12.2

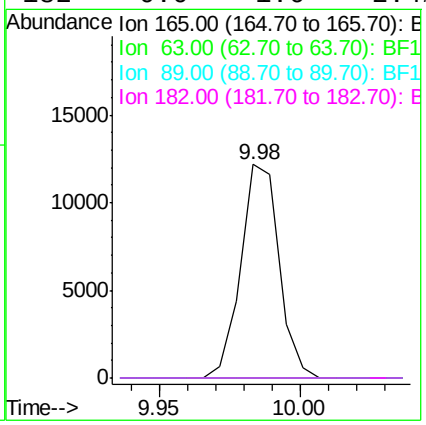


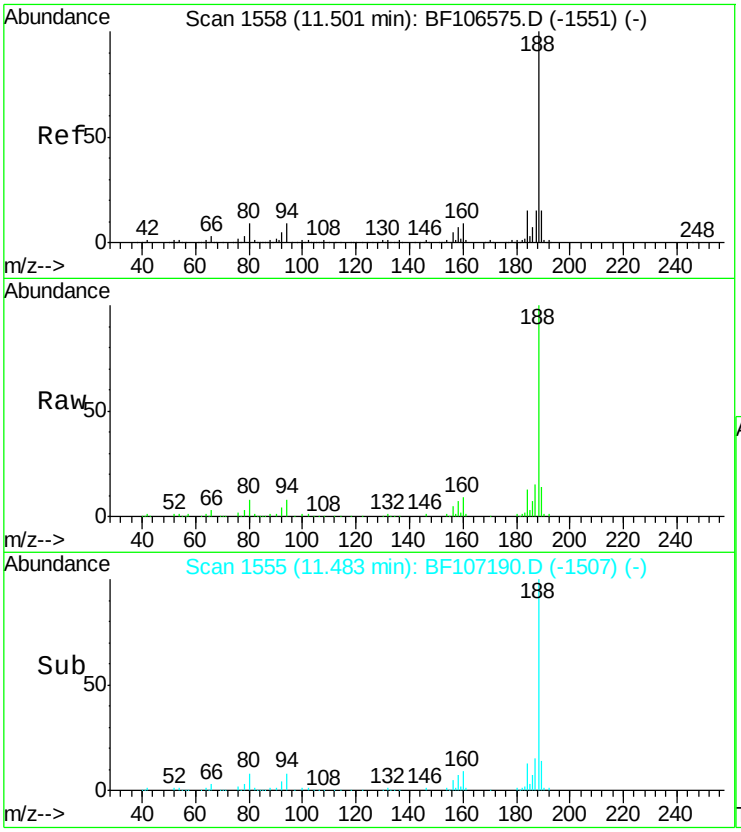


#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:165 Resp: 11432

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#



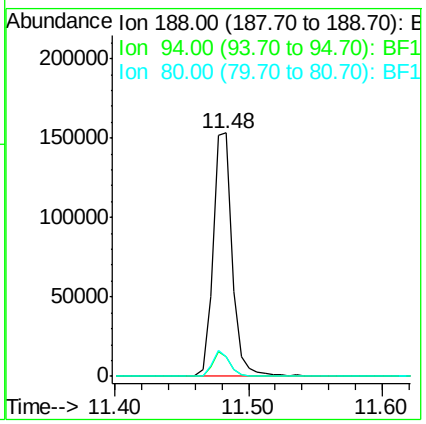


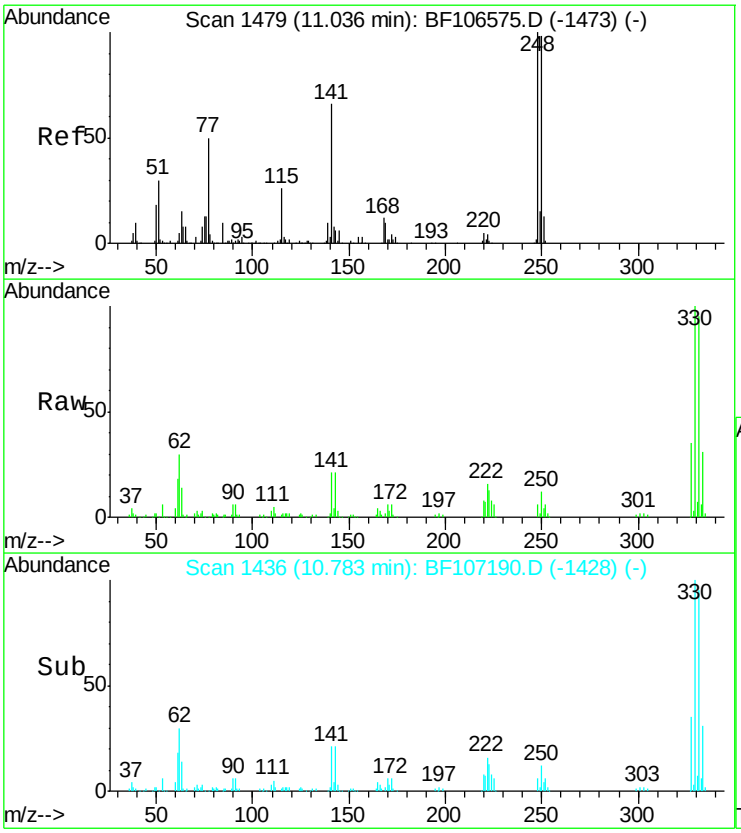
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:188 Resp: 155313

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.2	9.2	13.8#

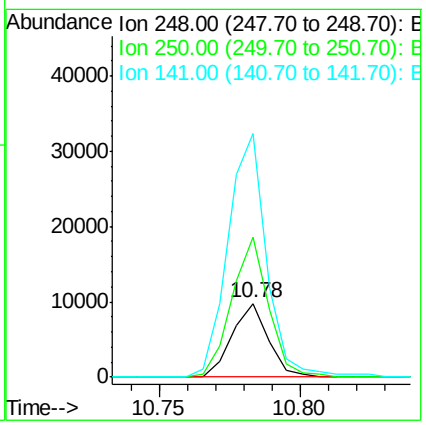


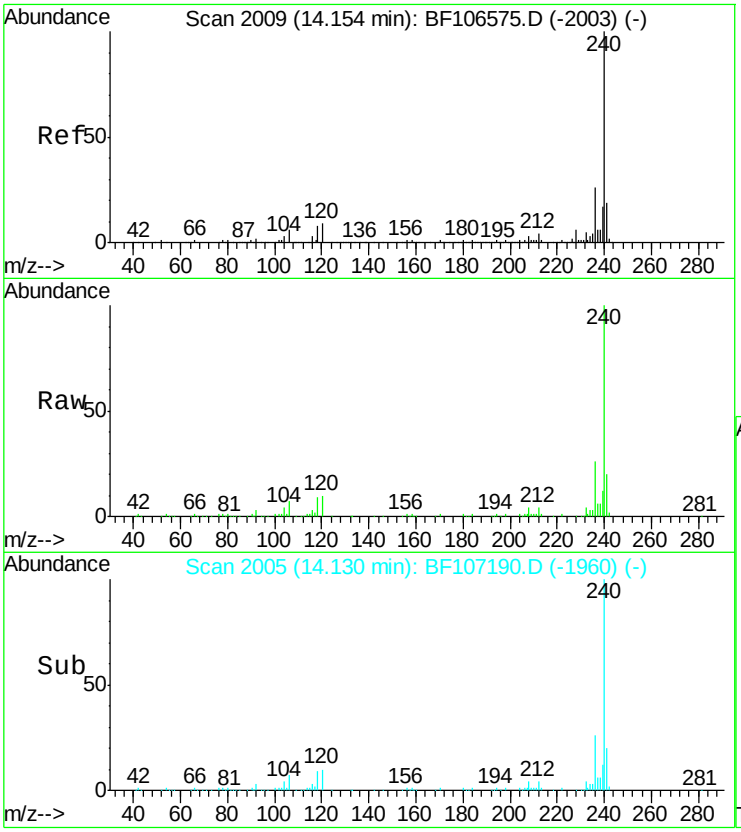


#66
4-Bromophenyl-phenylether
Concen: 4.672 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:248 Resp: 8660

Ion	Ratio	Lower	Upper
248	100		
250	191.0	76.9	115.3#
141	331.8	74.4	111.6#



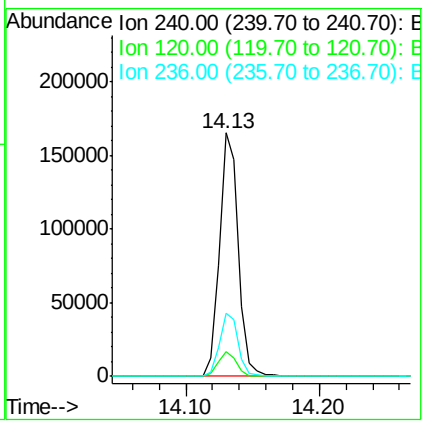


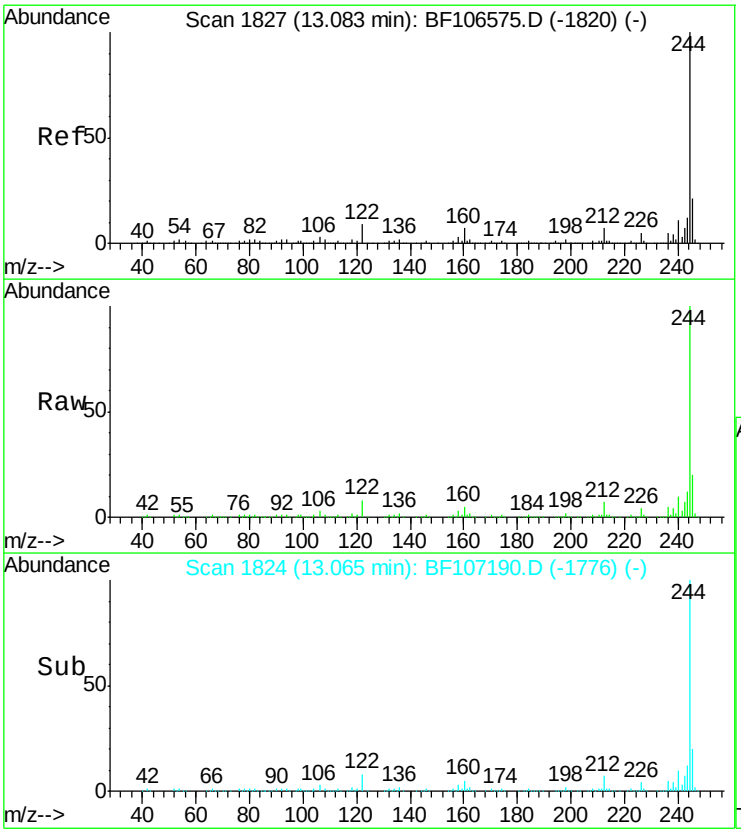
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:240 Resp: 164448

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.9	20.7	31.1

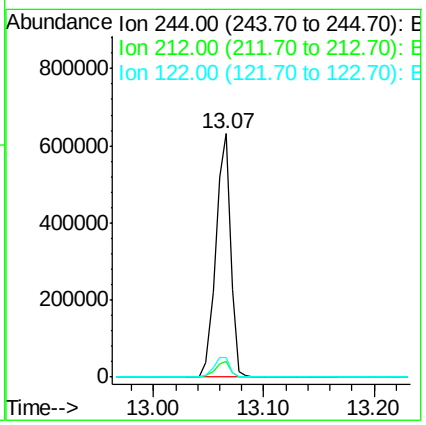


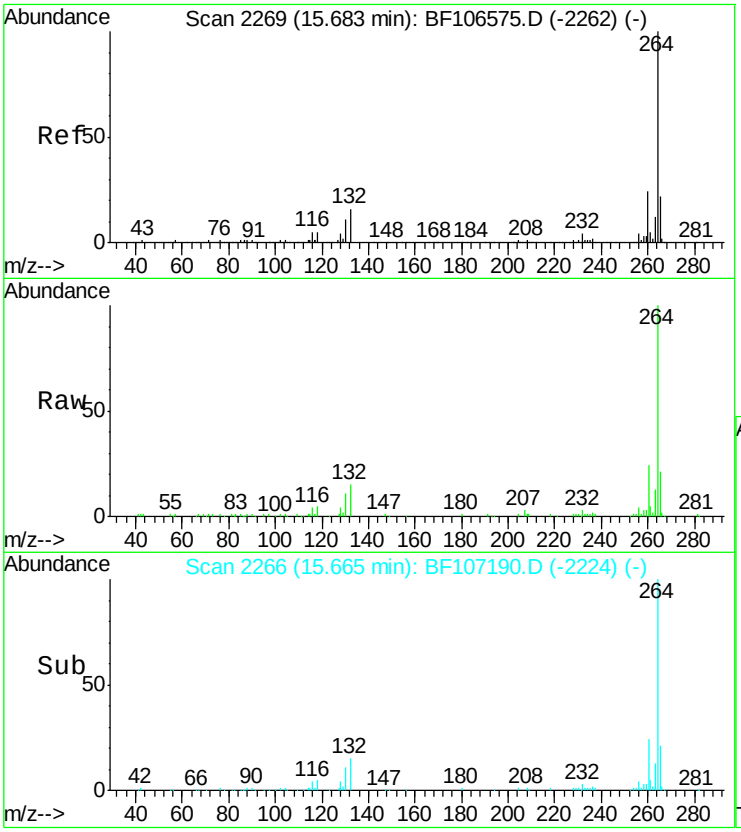


#78
Terphenyl-d14
Concen: 86.364 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:244 Resp: 586319

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tgt Ion:264 Resp: 120483

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3