Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106800.D
Acq On : 26 Jun 2018 4:40
Operator : JU/SJ
Sample : J3648-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 07:28:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44685	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	159677	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68911	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128990	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127534	20.00	ng	-0.02
86) Perylene-d12	15.69	264	91726	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	181445	68.76	ng	0.00
7) Phenol-d6	6.60	99	222207	67.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	138485	48.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	55740	69.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	270696	62.60	ng	-0.01
78) Terphenyl-d14	13.08	244	303652	57.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	17615	8.109	ng	# 72
25) Isophorone	7.52	82	138483	27.351	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8514	7.779	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8514	5.960	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	3581	2.326	ng	# 1
74) Fluoranthene	12.71	202	15316	2.234	ng	95
77) Pyrene	12.94	202	17709	2.106	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	10780	2.439	ng	92

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

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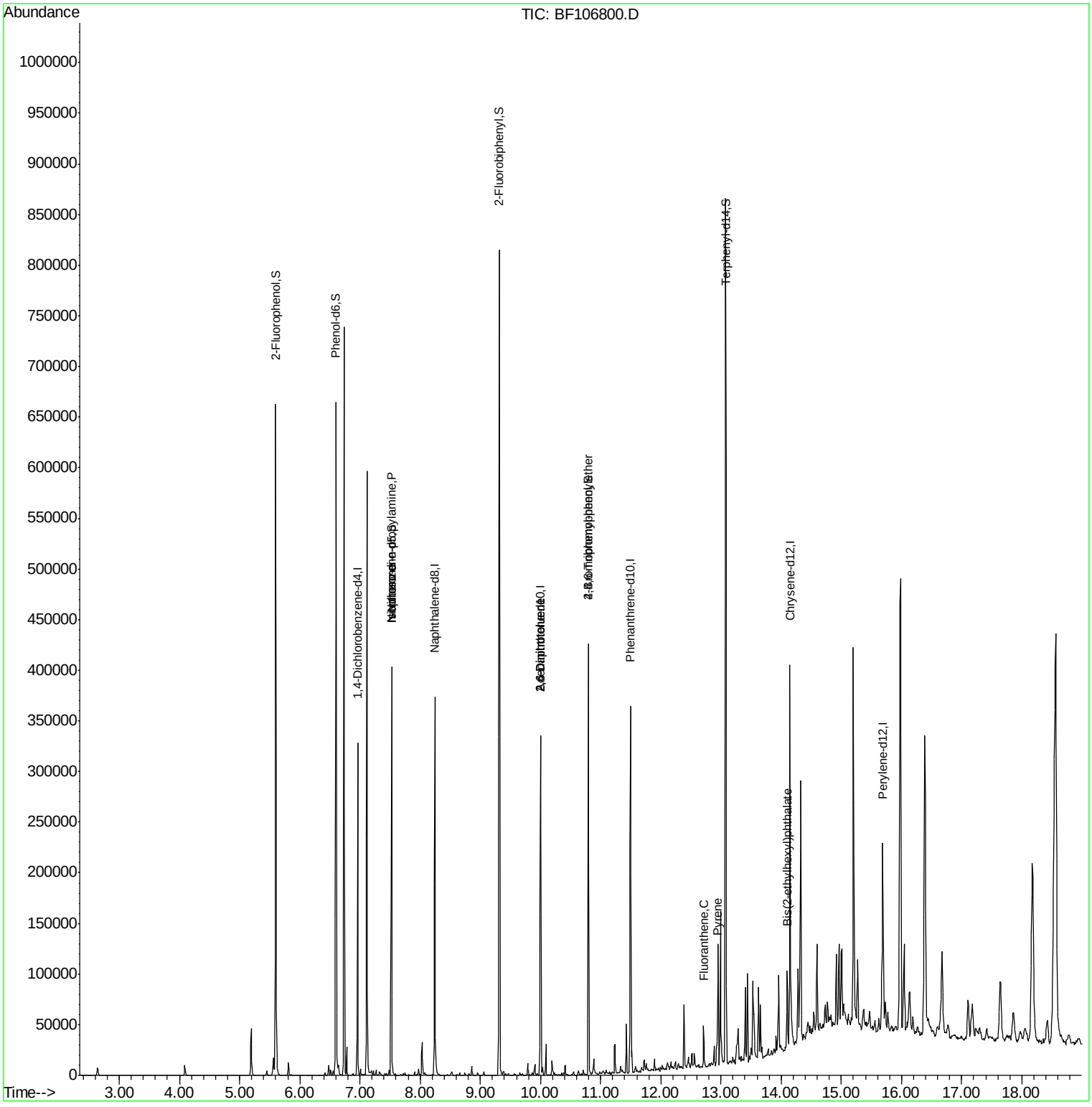
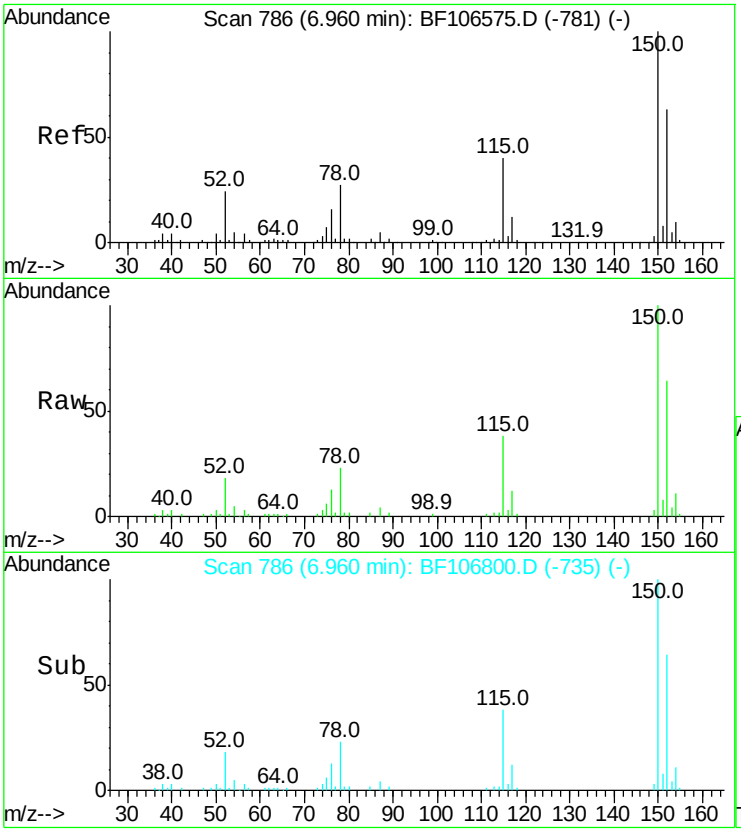


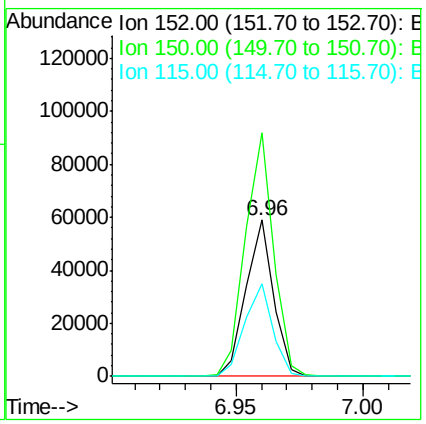


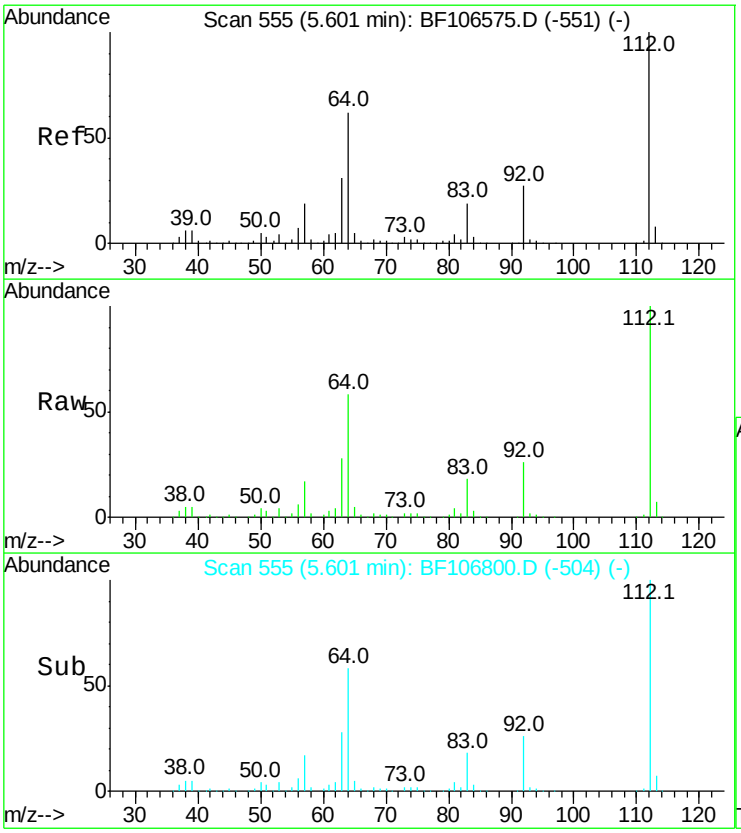
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44685

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.6	50.1	75.1

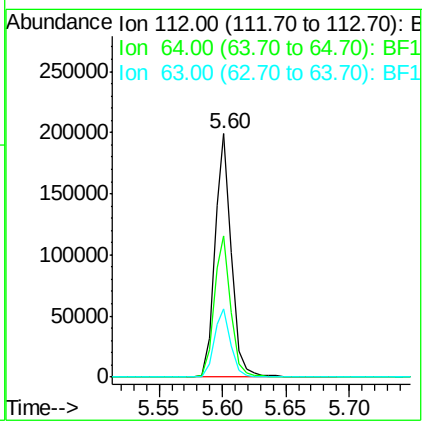


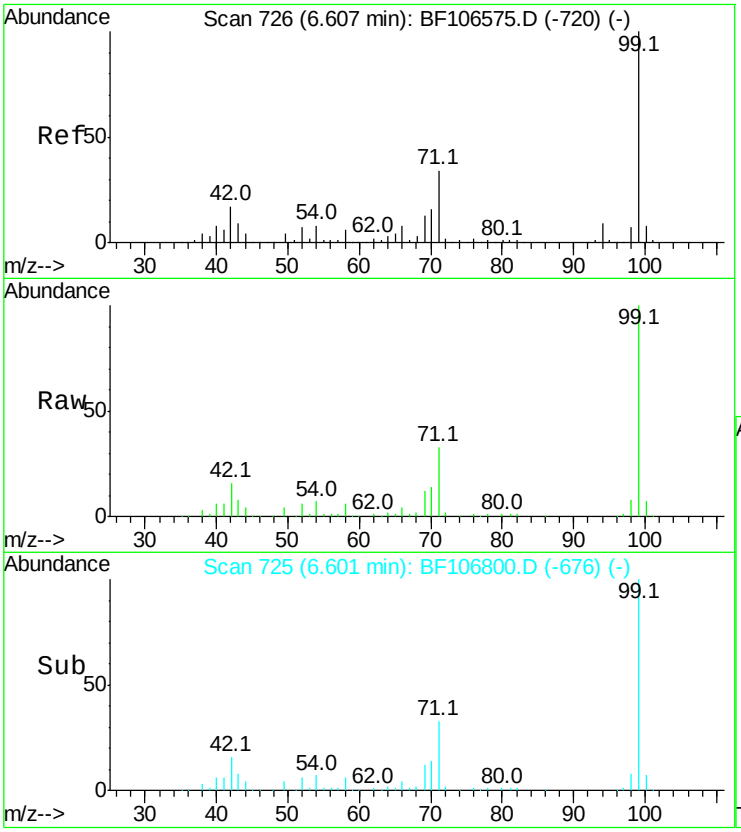


#5
2-Fluorophenol
Concen: 68.758 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:112 Resp: 181445

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.0	23.7	35.5



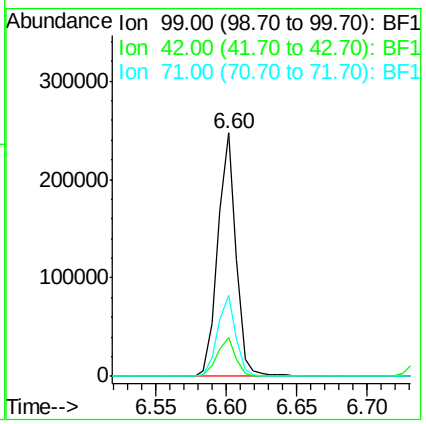


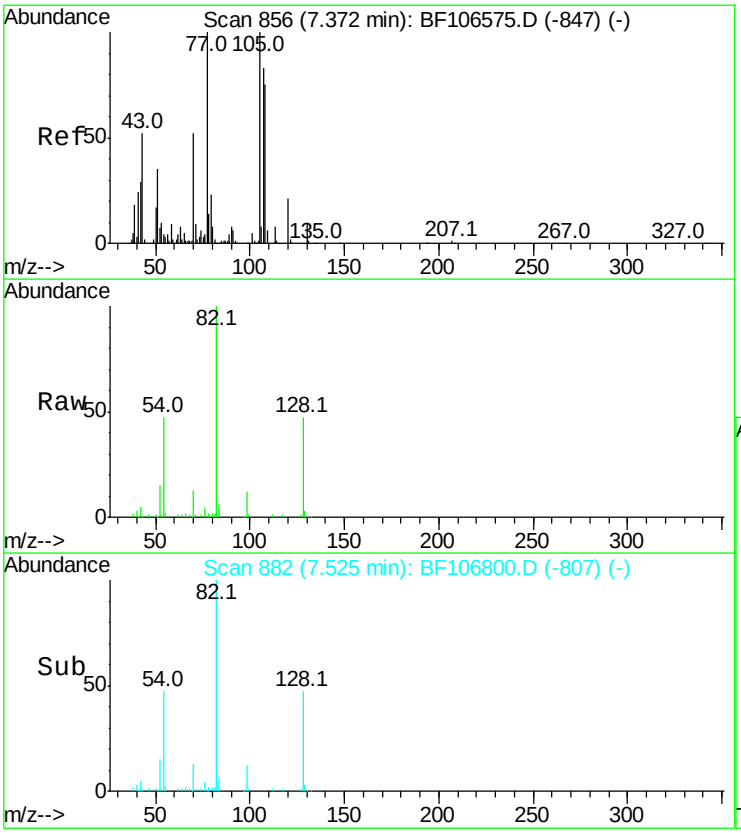
#7
Phenol-d6
Concen: 67.428 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 222207

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.3	25.4	38.0

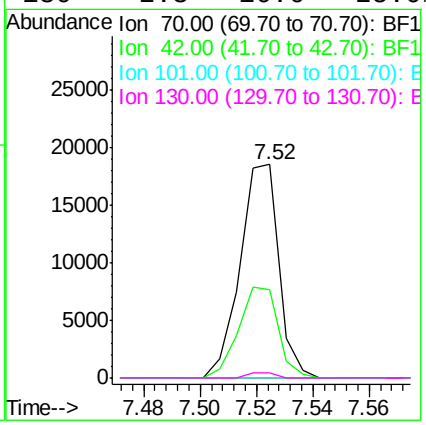


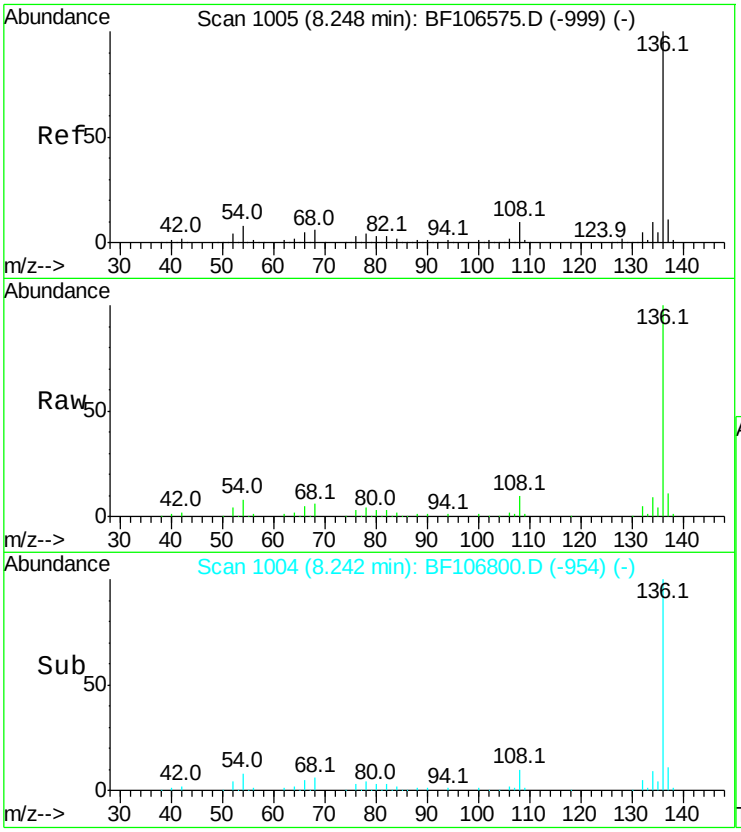


#19
n-Nitroso-di-n-propylamine
Concen: 8.109 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion: 70 Resp: 17615

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



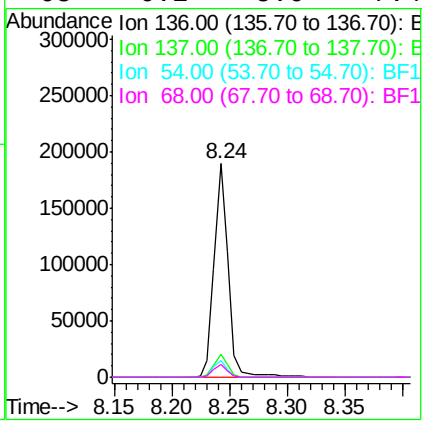


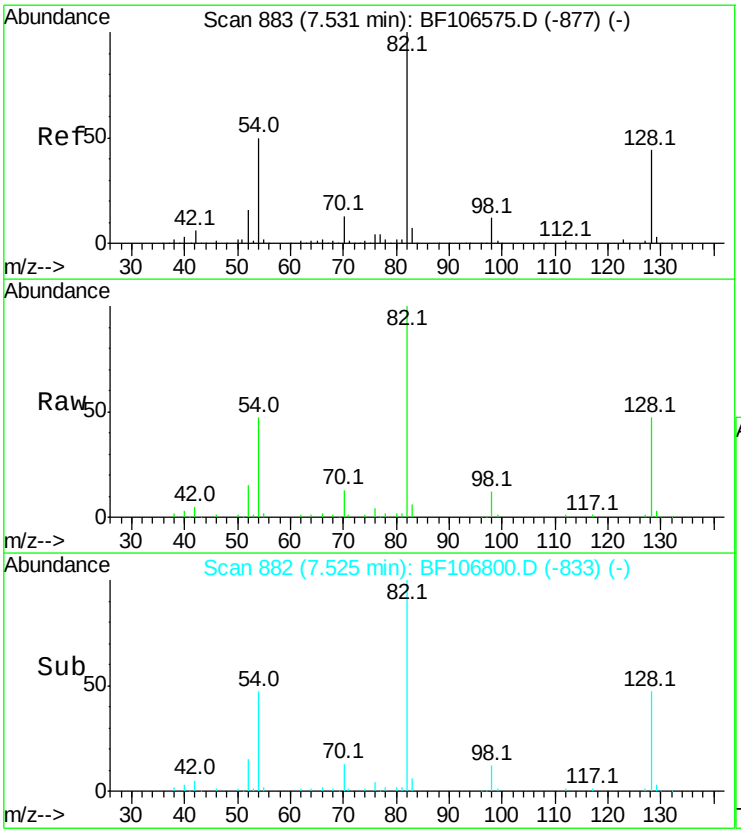
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 159677

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

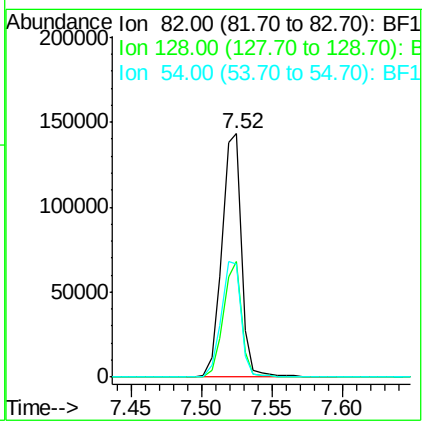


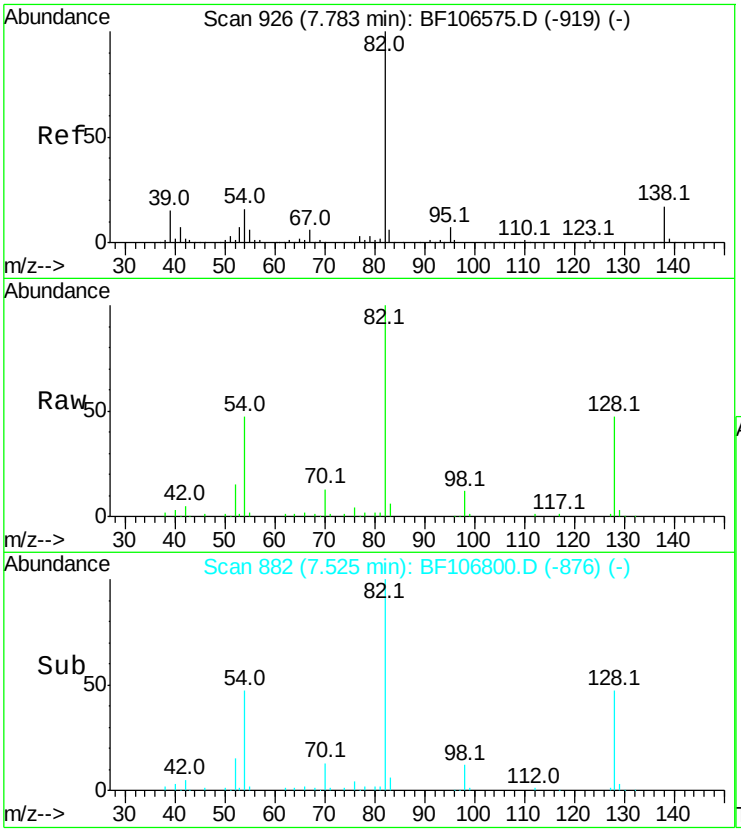


#23
Nitrobenzene-d5
Concen: 48.198 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion: 82 Resp: 138485

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	46.6	41.4	62.2



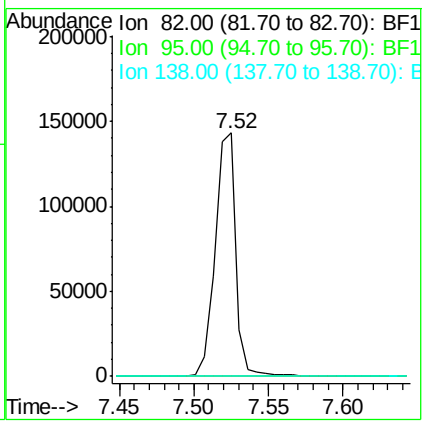


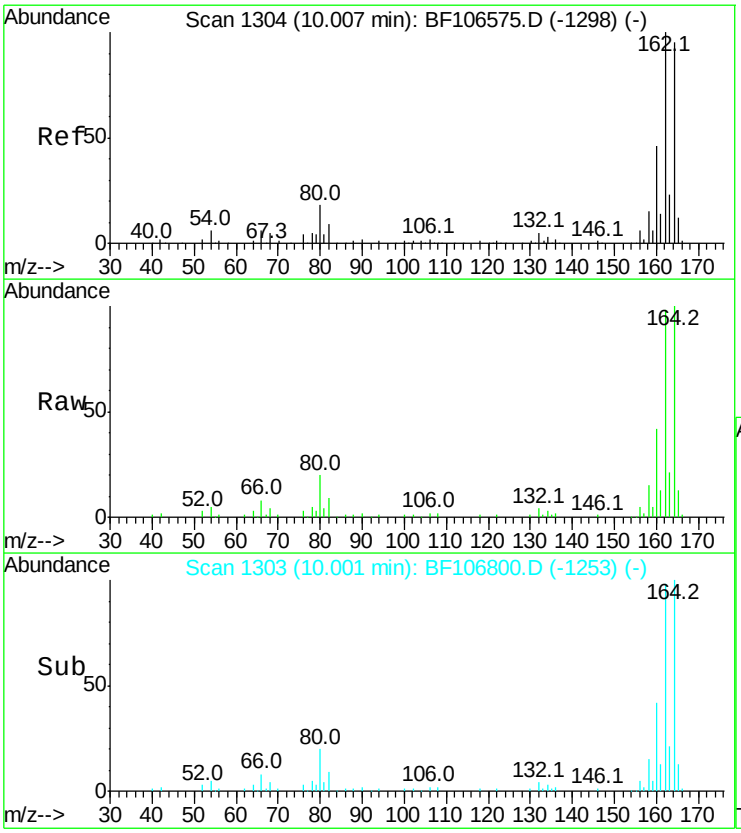
#25
Isophorone
Concen: 27.351 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 138483

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

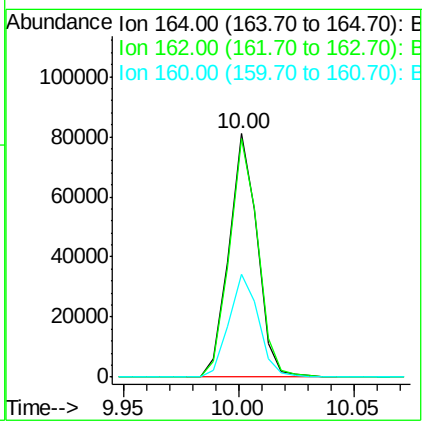


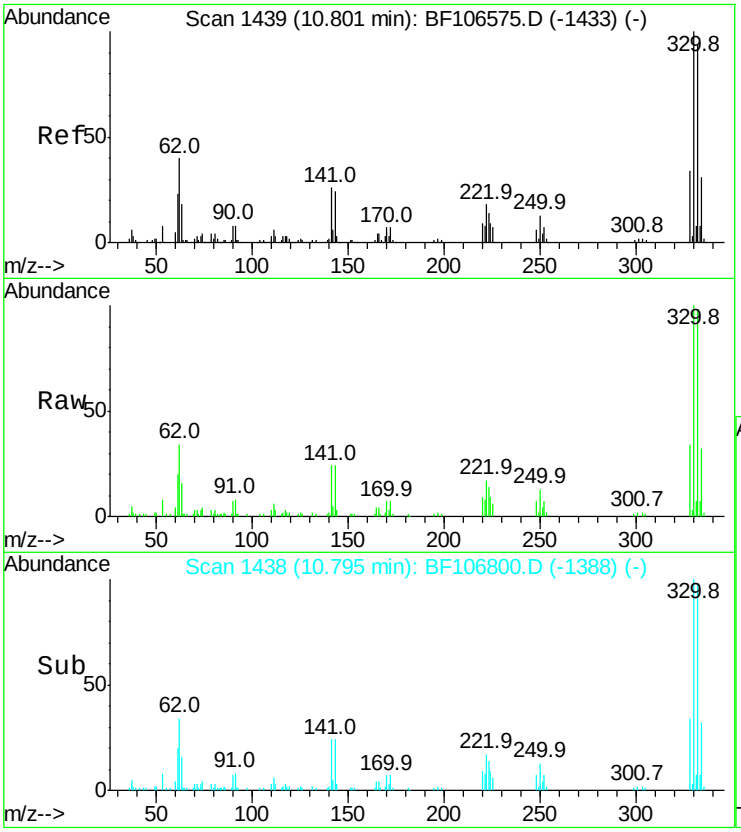


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:164 Resp: 68911

Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	42.4	38.3	57.5



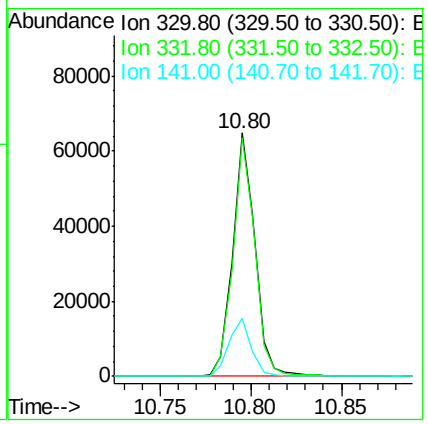


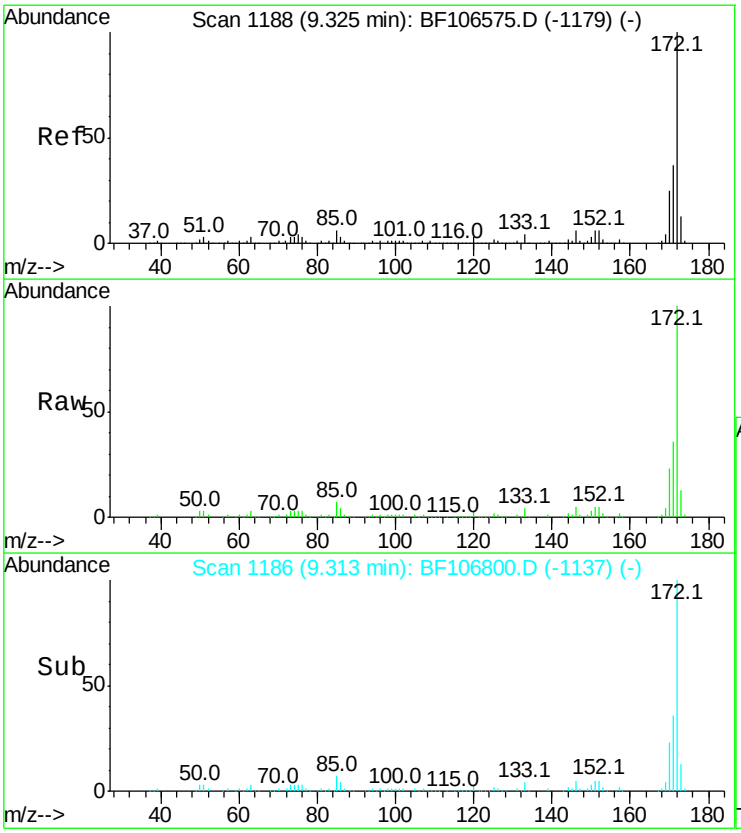
#41
2,4,6-Tribromophenol
Concen: 69.789 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 55740

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	23.6	29.9	44.9#

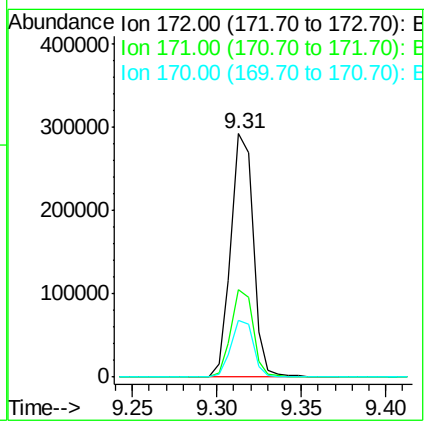


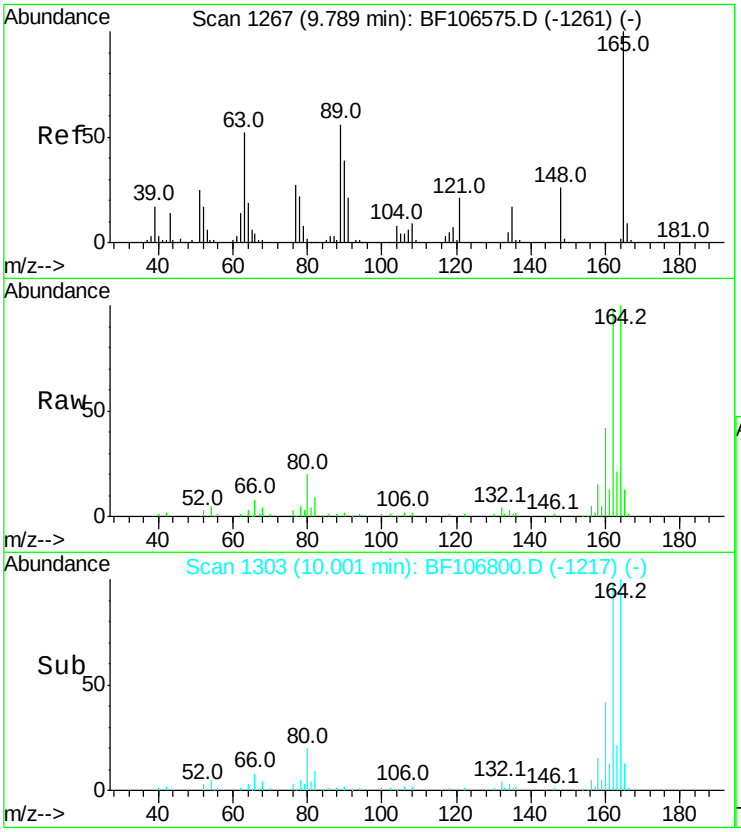


#44
2-Fluorobiphenyl
Concen: 62.603 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:172 Resp: 270696

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4



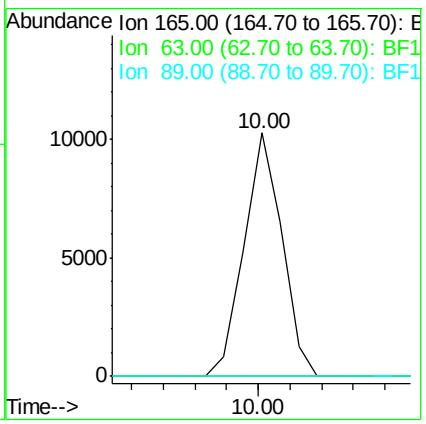


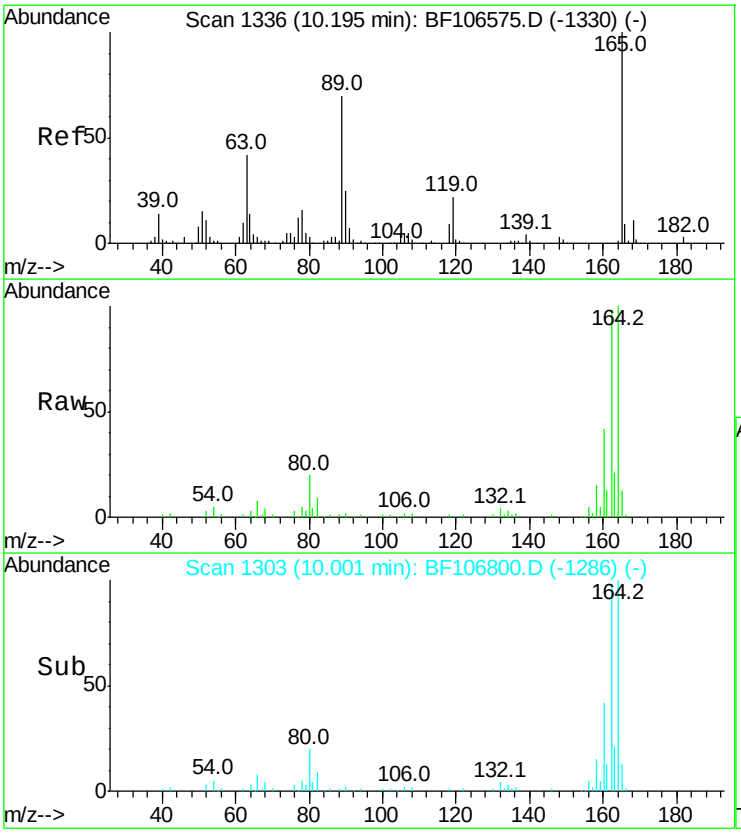
#50
2,6-Dinitrotoluene
Concen: 7.779 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8514

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

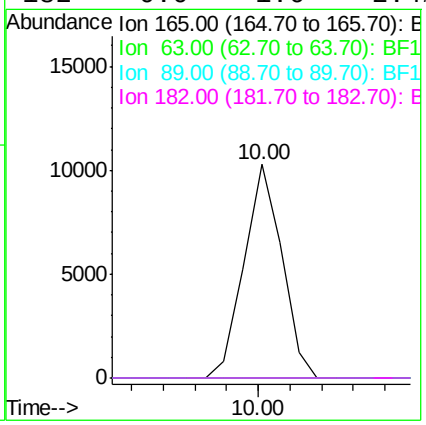


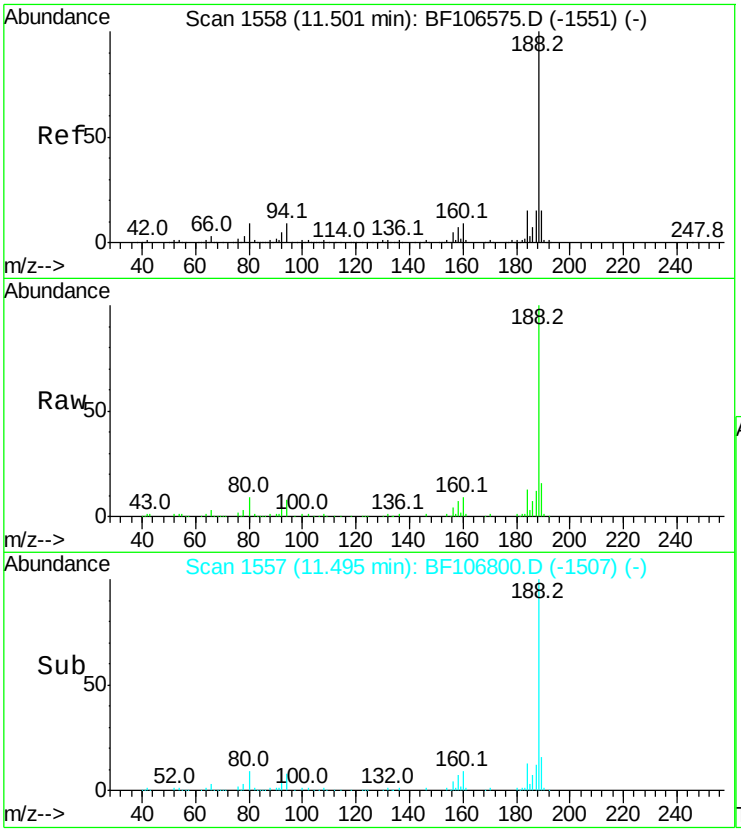


#56
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:165 Resp: 8514

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#



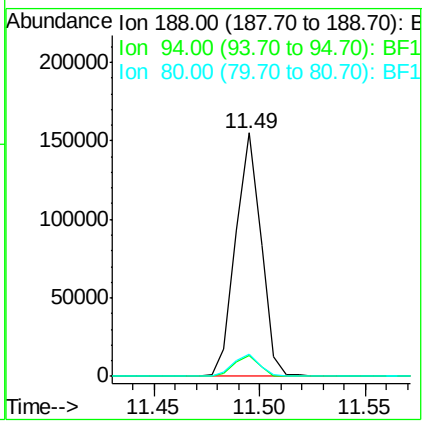


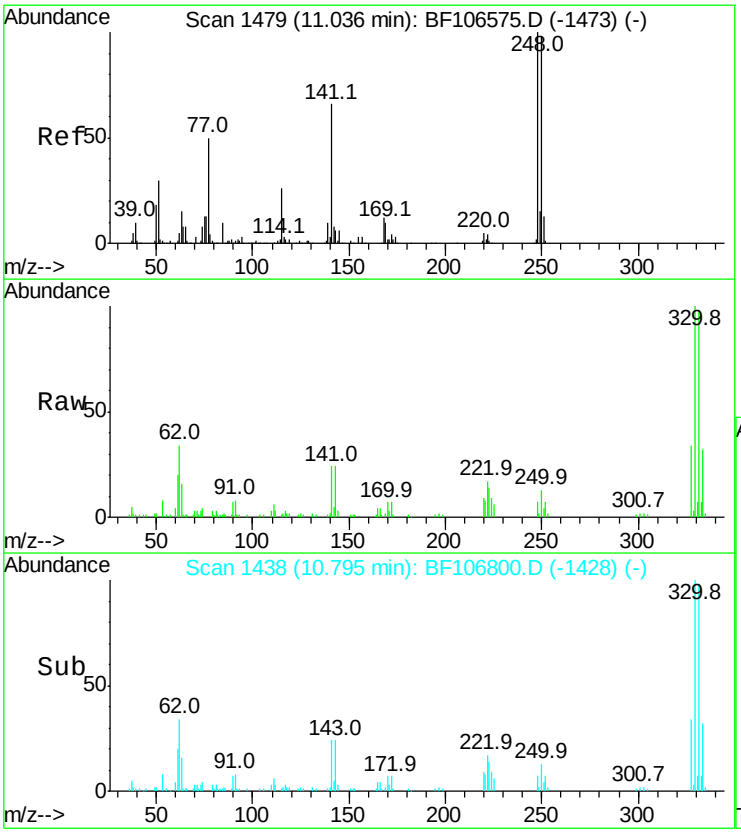
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 128990

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.0	9.2	13.8#

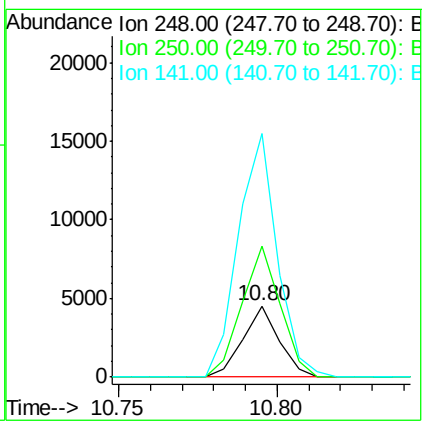


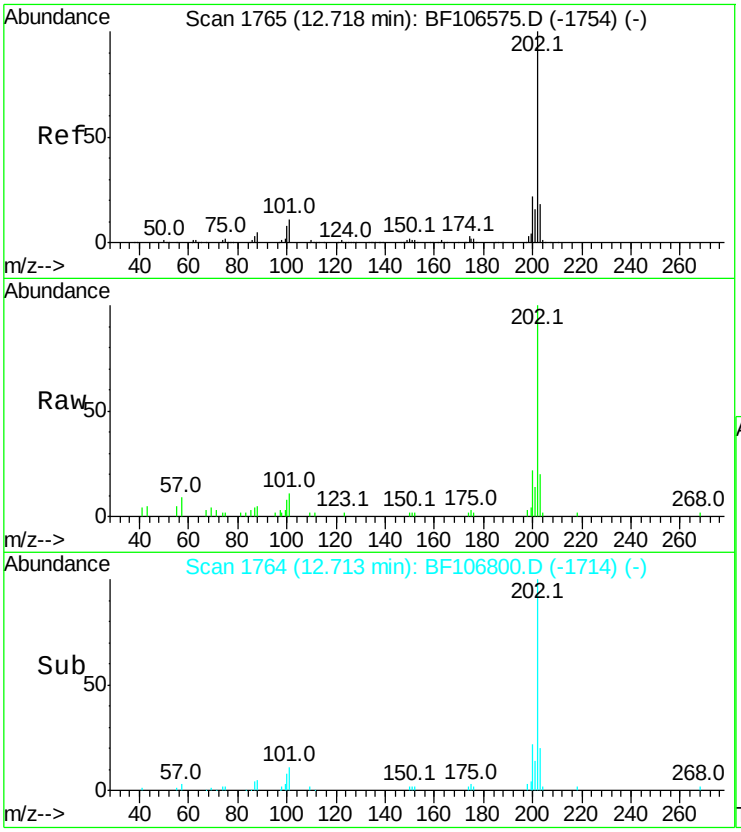


#66
4-Bromophenyl-phenylether
Concen: 2.326 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:248 Resp: 3581

Ion	Ratio	Lower	Upper
248	100		
250	184.0	76.9	115.3#
141	341.1	74.4	111.6#



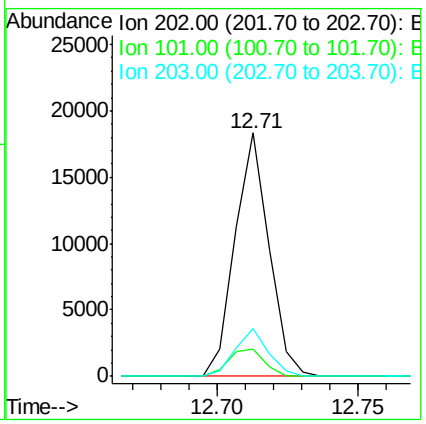


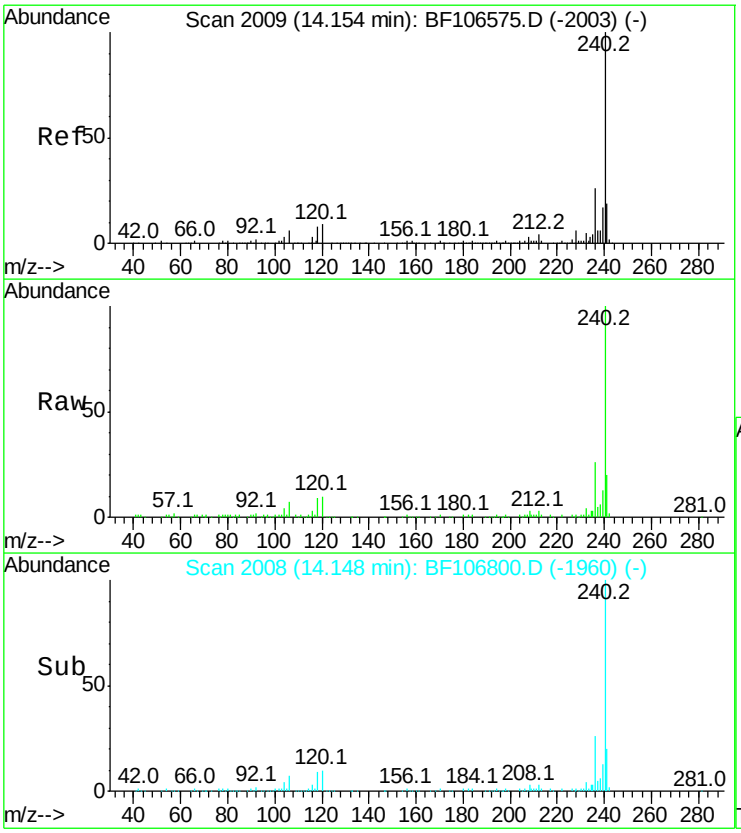
#74
Fluoranthene
Concen: 2.234 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 15316

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	19.6	0.0	38.1

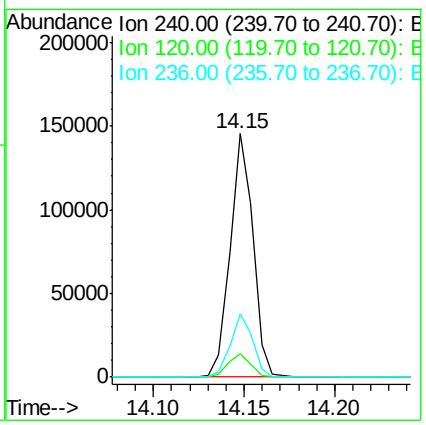


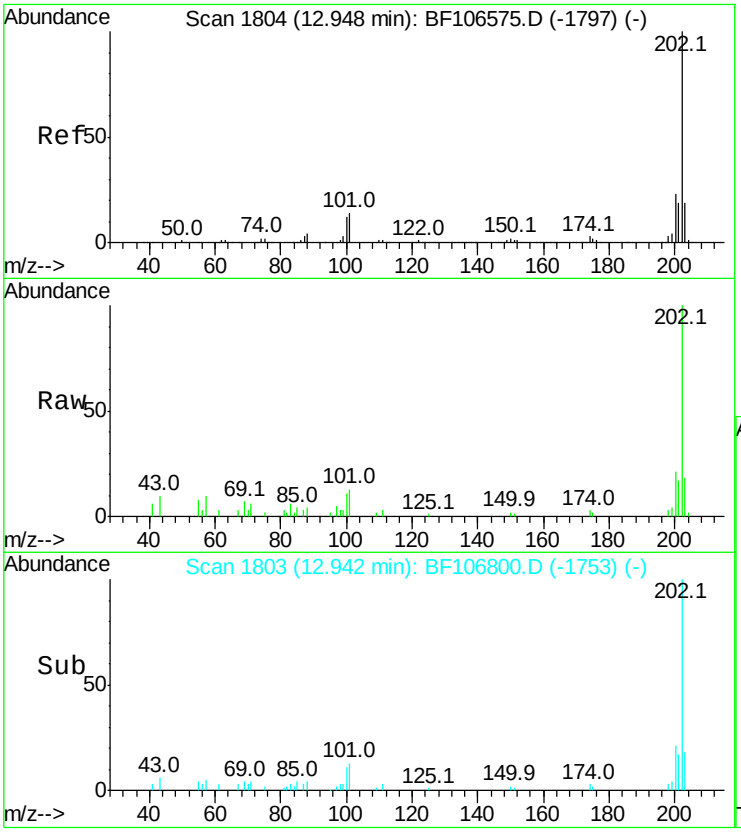


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:240 Resp: 127534

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.1	20.7	31.1



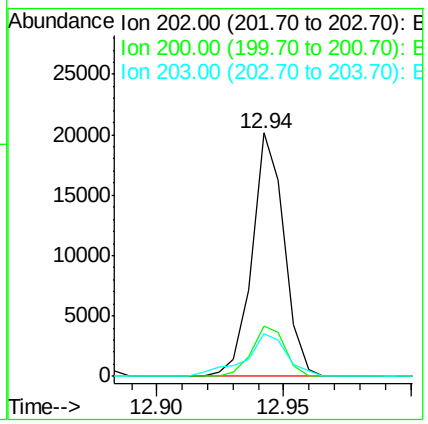


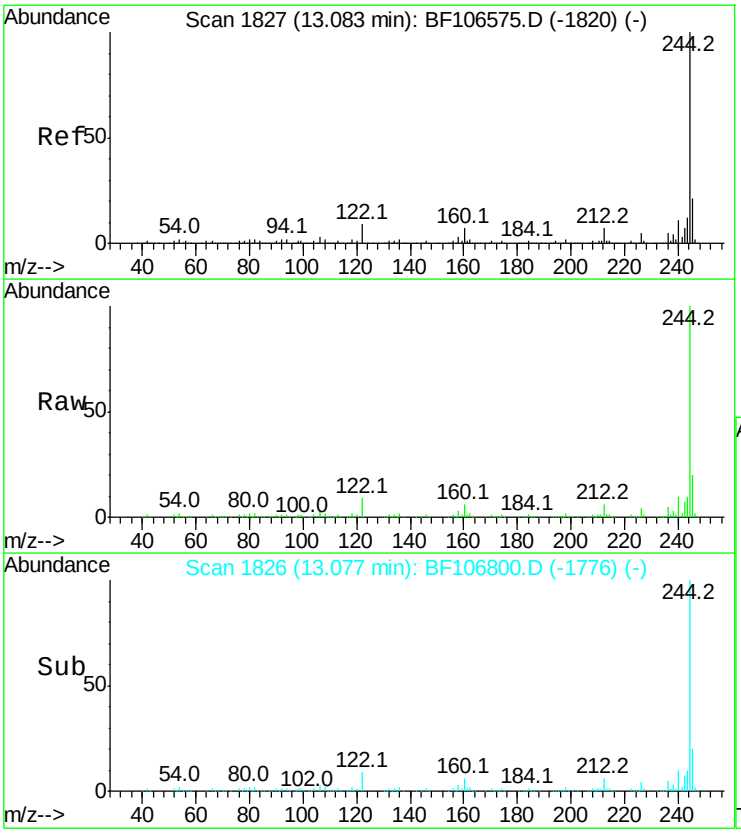
#77
Pyrene
Concen: 2.106 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 17709

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.7	14.3	21.5

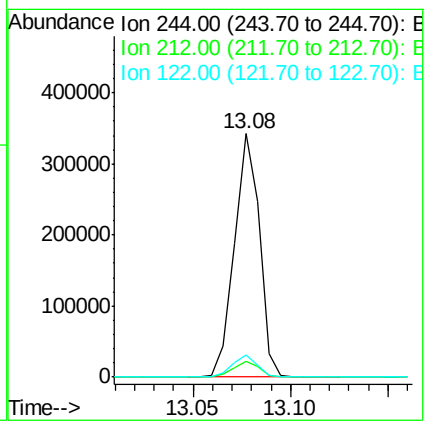


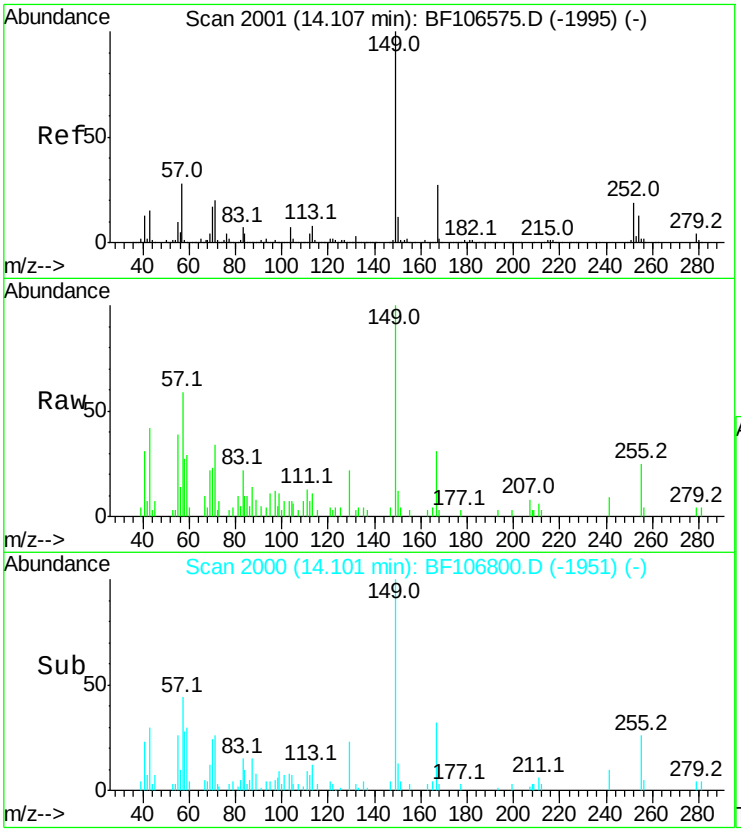


#78
Terphenyl-d14
Concen: 57.674 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:244 Resp: 303652

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.3	11.0	16.4#



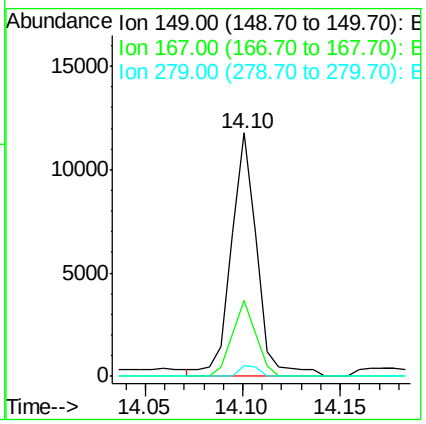


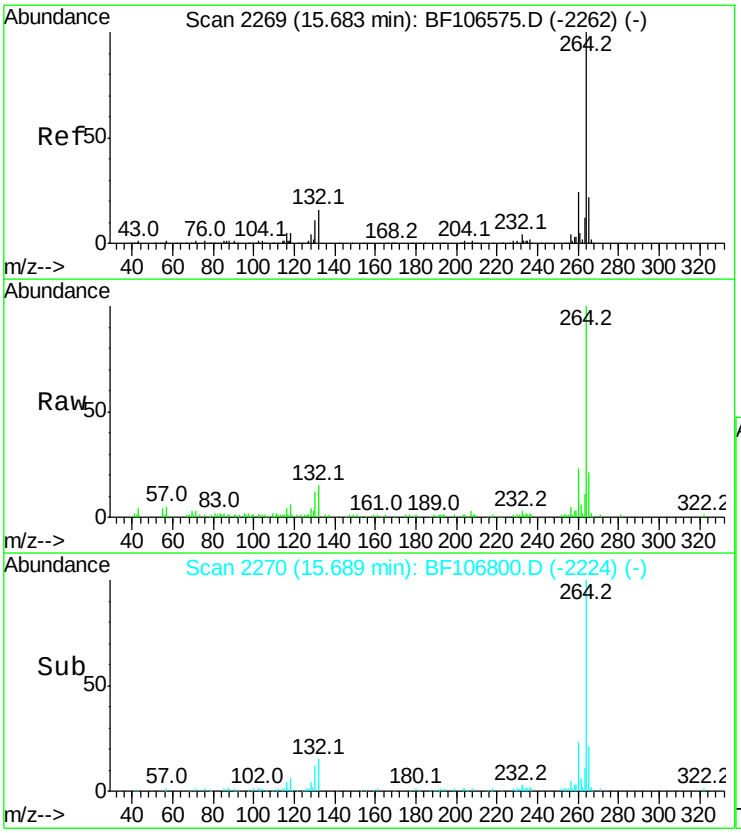
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.439 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 10780

Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.3	31.9
279	4.2	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:264 Resp: 91726

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3