Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106338.D
Acq On : 12 Jun 2018 12:28
Operator : JU/SJ
Sample : J3214-03RX
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 01:06:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172551	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	659275	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	328616	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	638726	20.00	ng	0.00
75) Chrysene-d12	14.15	240	496966	20.00	ng	0.00
86) Perylene-d12	15.71	264	517148	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	578133	56.71	ng	0.00
7) Phenol-d6	6.59	99	787671	61.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	532465	47.51	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	197821	62.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	989950	44.80	ng	0.00
78) Terphenyl-d14	13.09	244	1174342	58.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	72413	7.494	ng	# 76
25) Isophorone	7.53	82	532456	24.325	ng	# 64
32) Benzoic acid	7.93	122	367	7.334	ng	# 82
49) Dimethylphthalate	9.72	163	85551	3.644	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	43387	9.047	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	43387	7.204	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	458	6.410	ng	# 1

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

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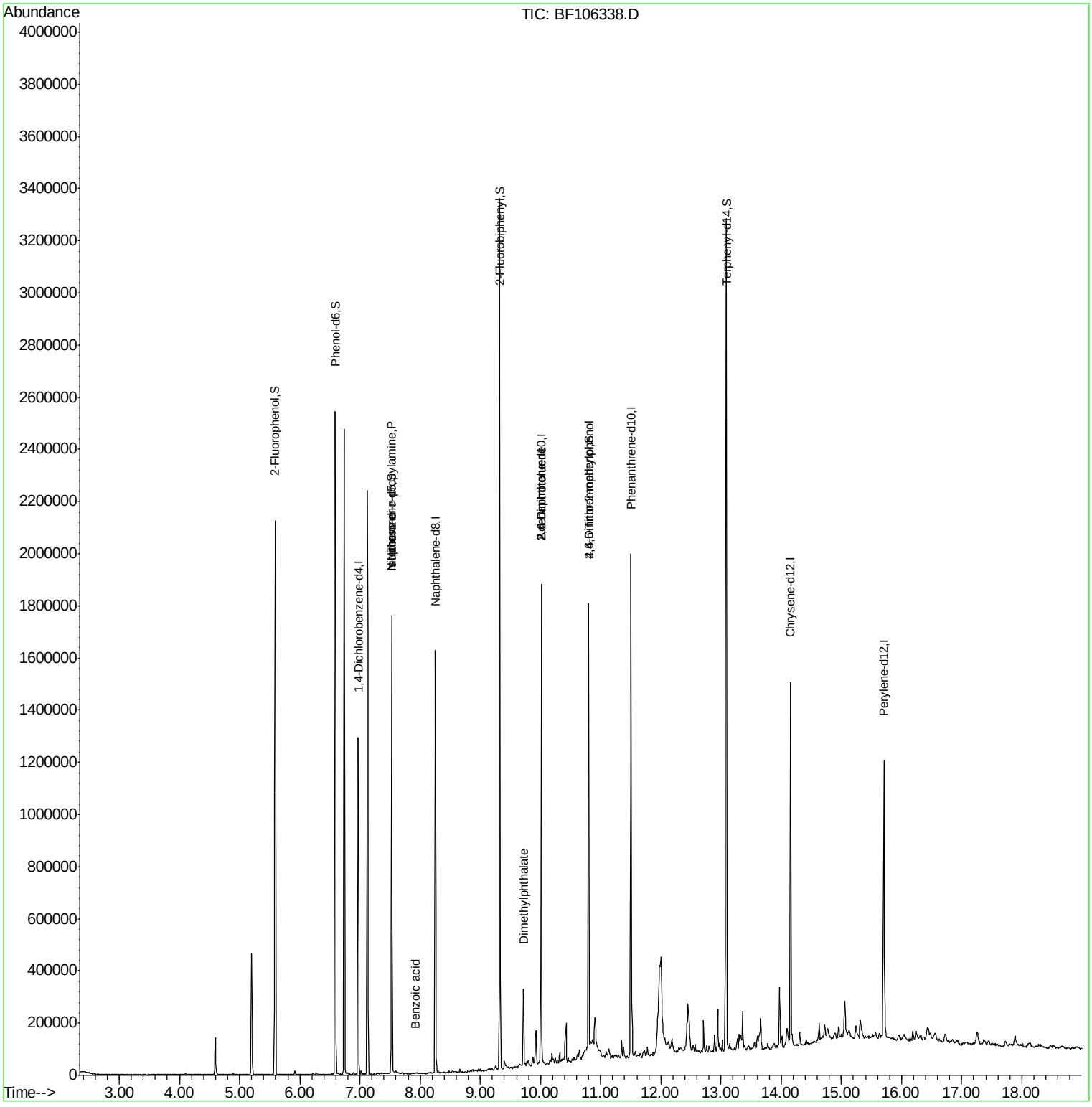
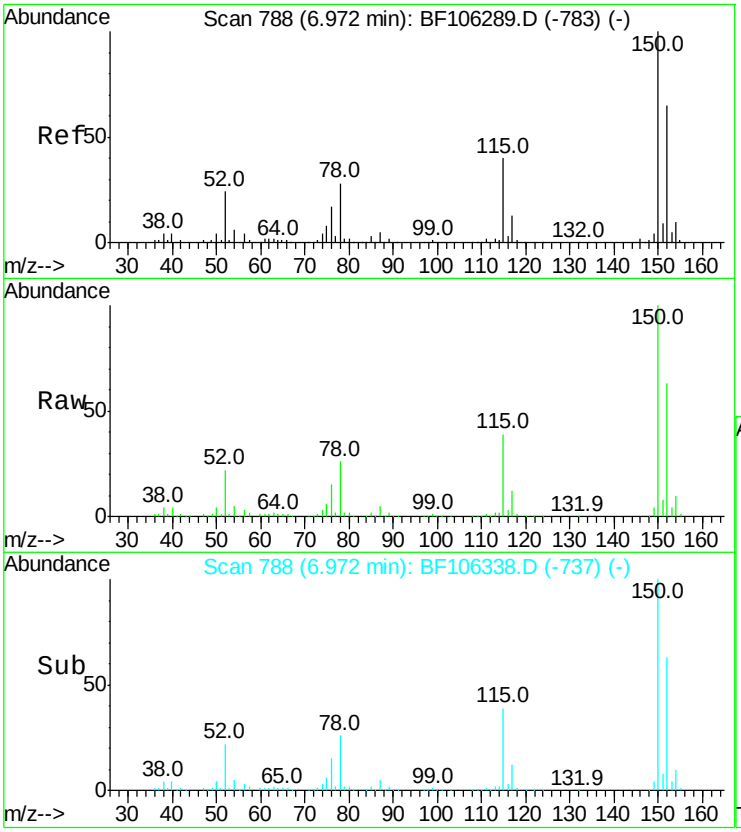


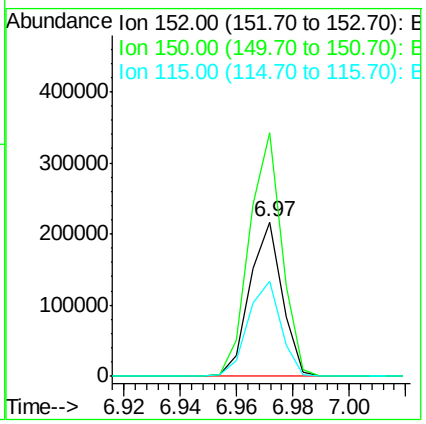


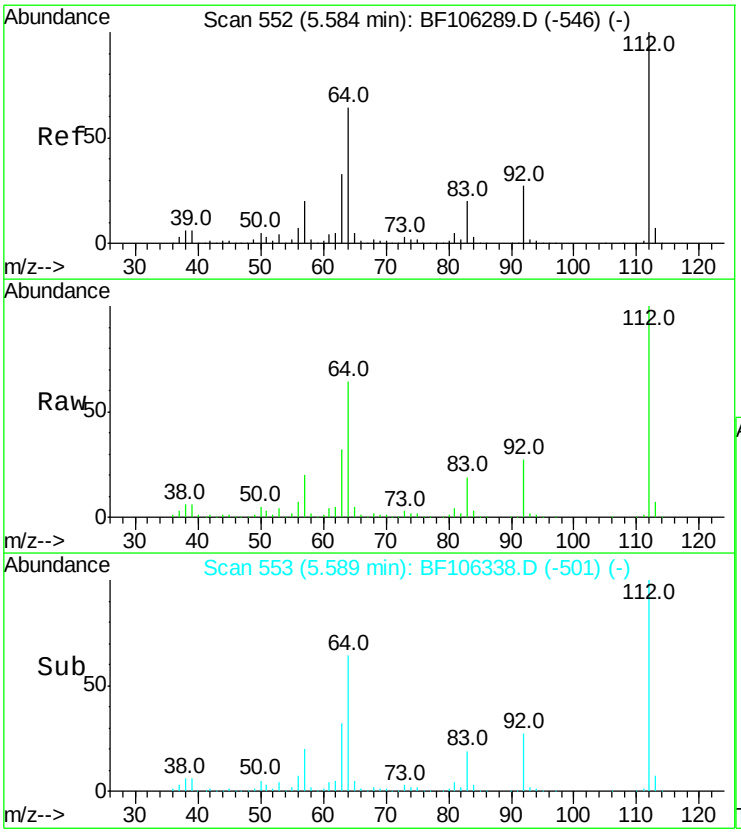
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172551

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.6	50.1	75.1

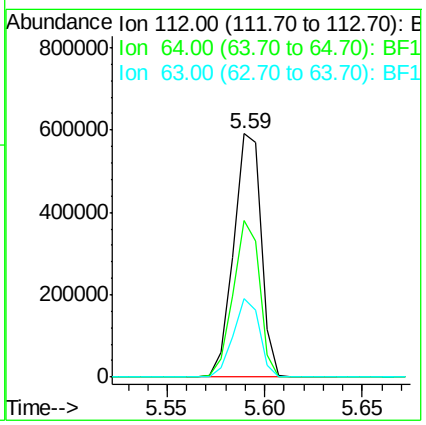


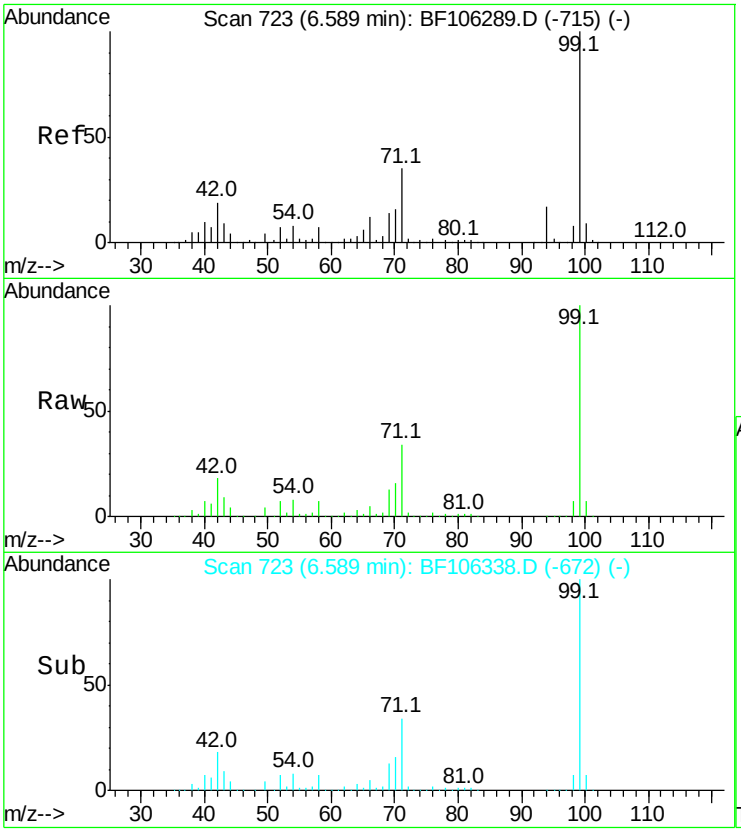


#5
2-Fluorophenol
Concen: 56.707 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:112 Resp: 578133

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.0	23.7	35.5



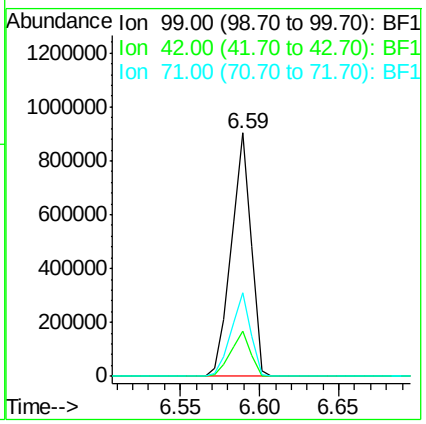


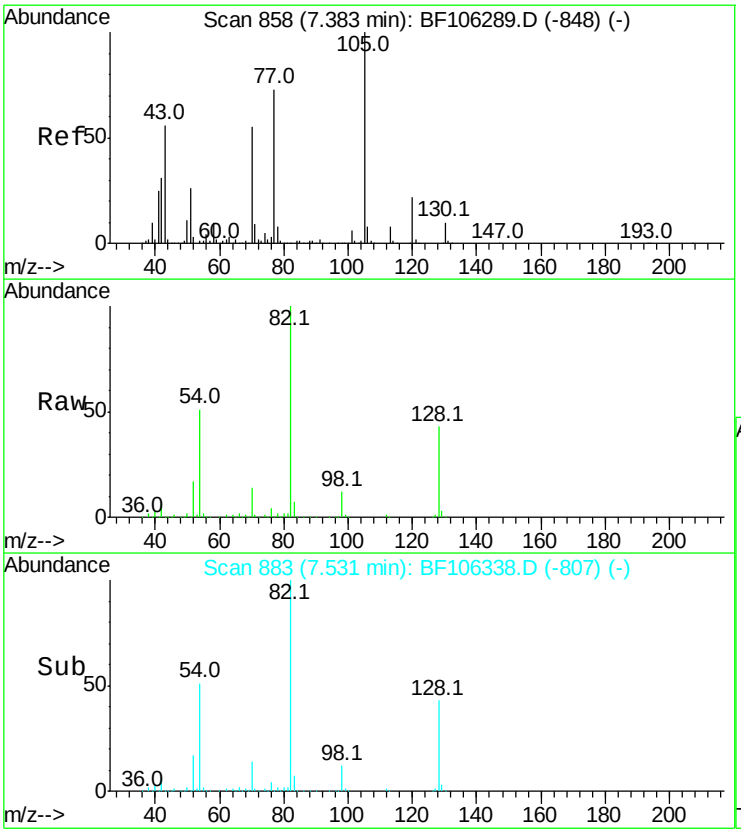
#7
Phenol-d6
Concen: 61.152 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 787671

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	34.3	25.4	38.0

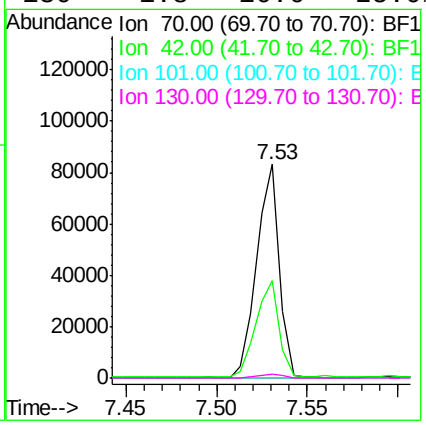


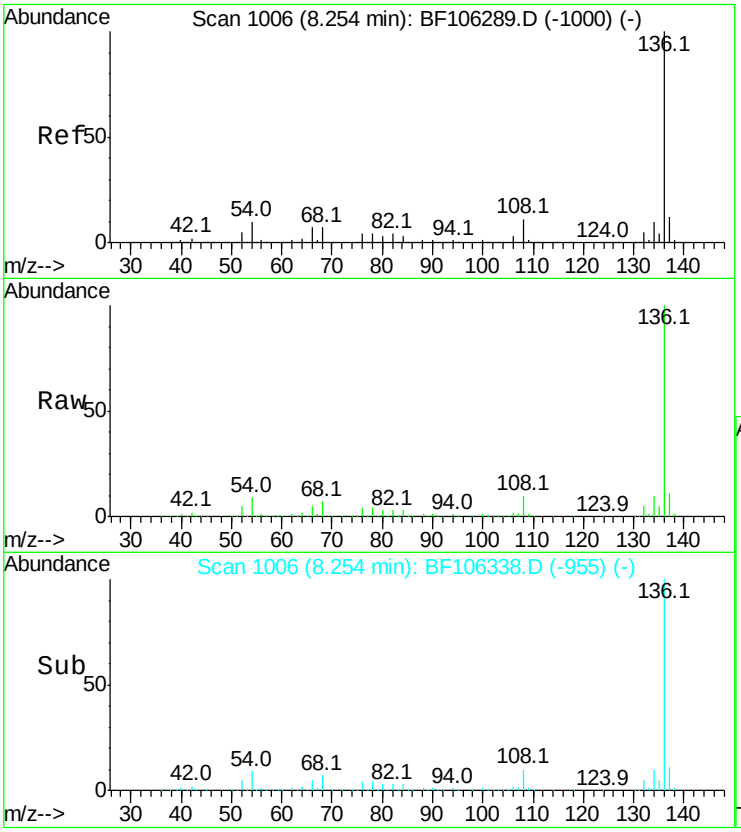


#19
n-Nitroso-di-n-propylamine
Concen: 7.494 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion: 70 Resp: 72413

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



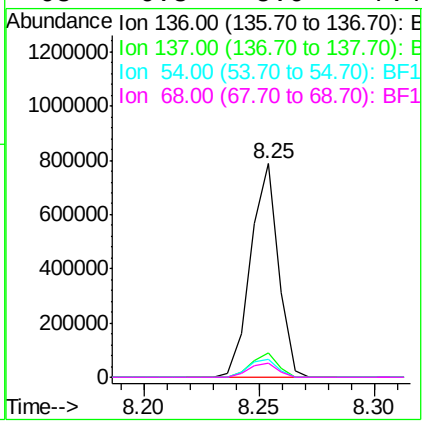


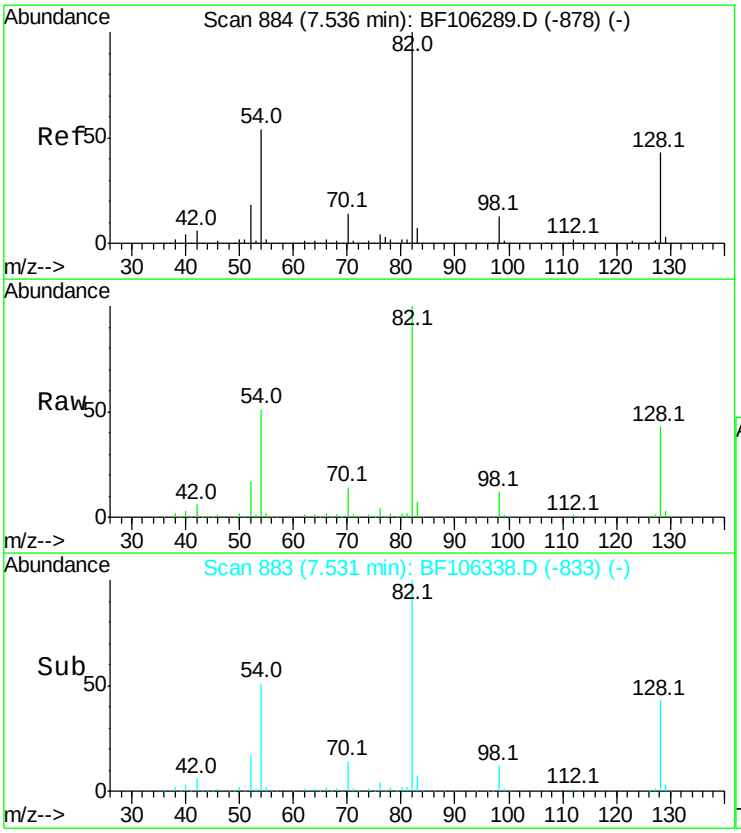
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 659275

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	6.8	5.0	7.4

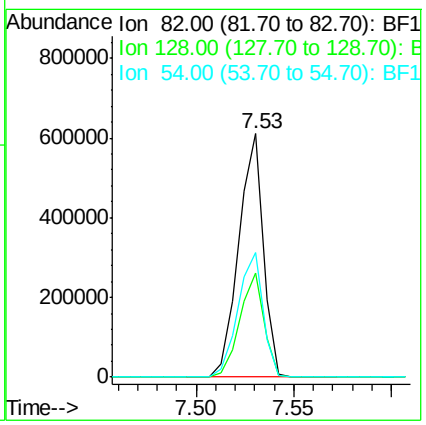


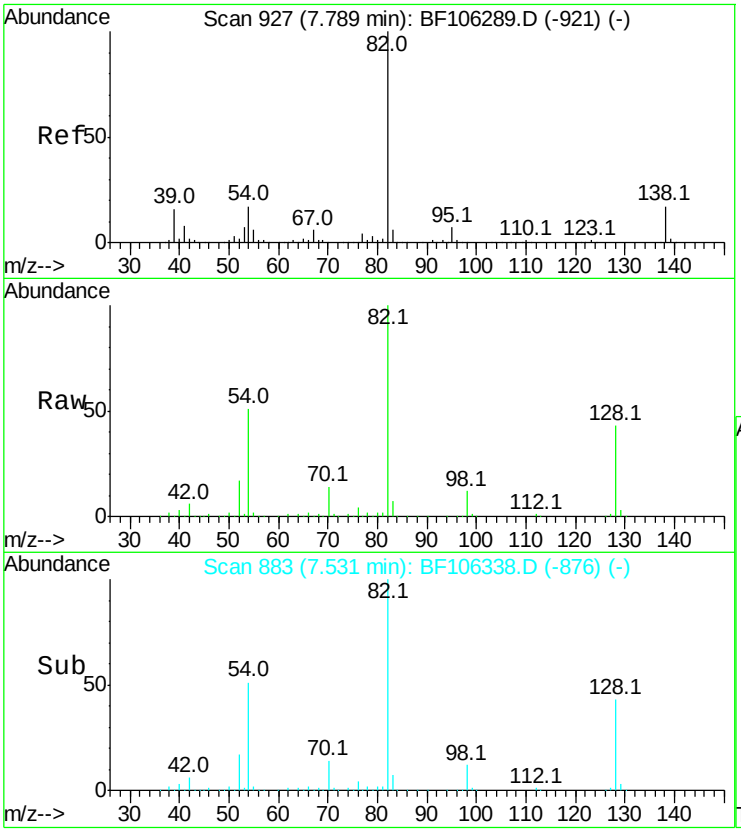


#23
Nitrobenzene-d5
Concen: 47.513 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion: 82 Resp: 532465

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	51.3	41.4	62.2



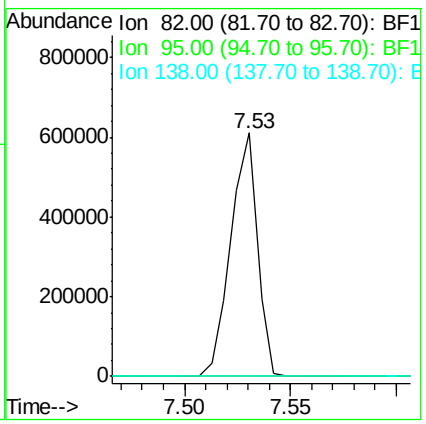


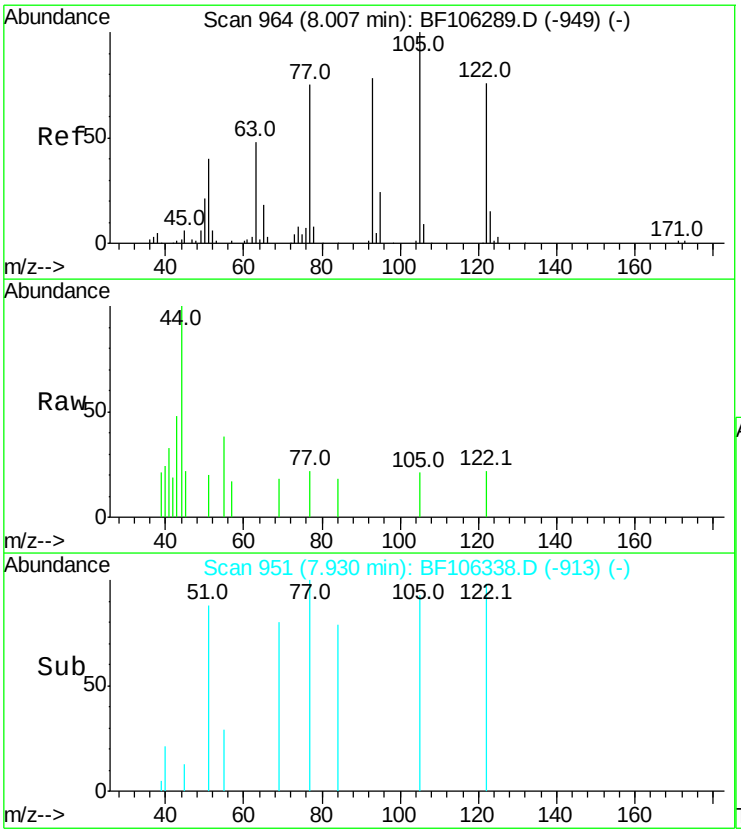
#25
Isophorone
Concen: 24.325 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 532456

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

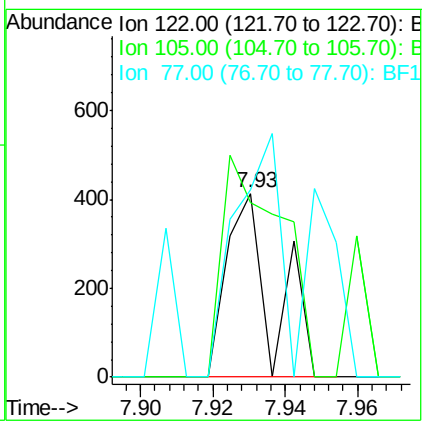


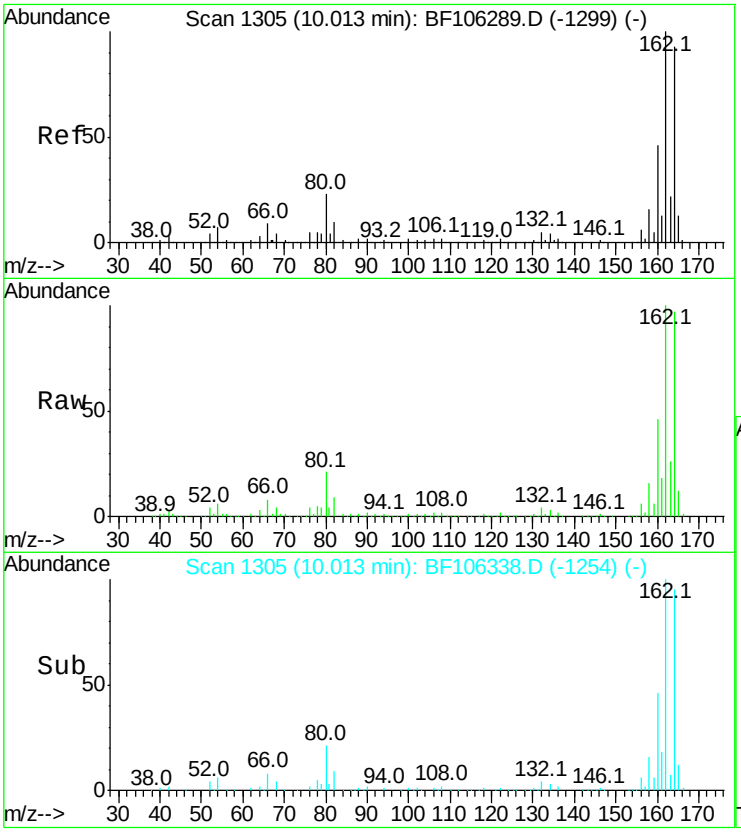


#32
Benzoic acid
Concen: 7.334 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:122 Resp: 367

Ion	Ratio	Lower	Upper
122	100		
105	95.2	101.1	141.1#
77	101.9	70.7	110.7



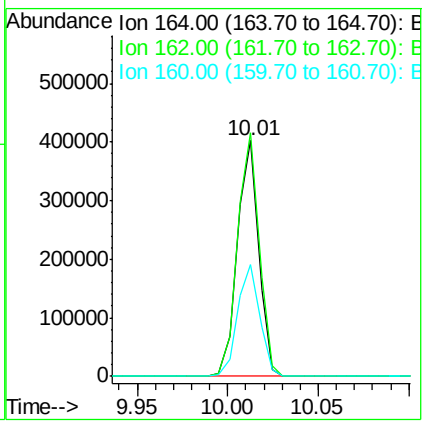


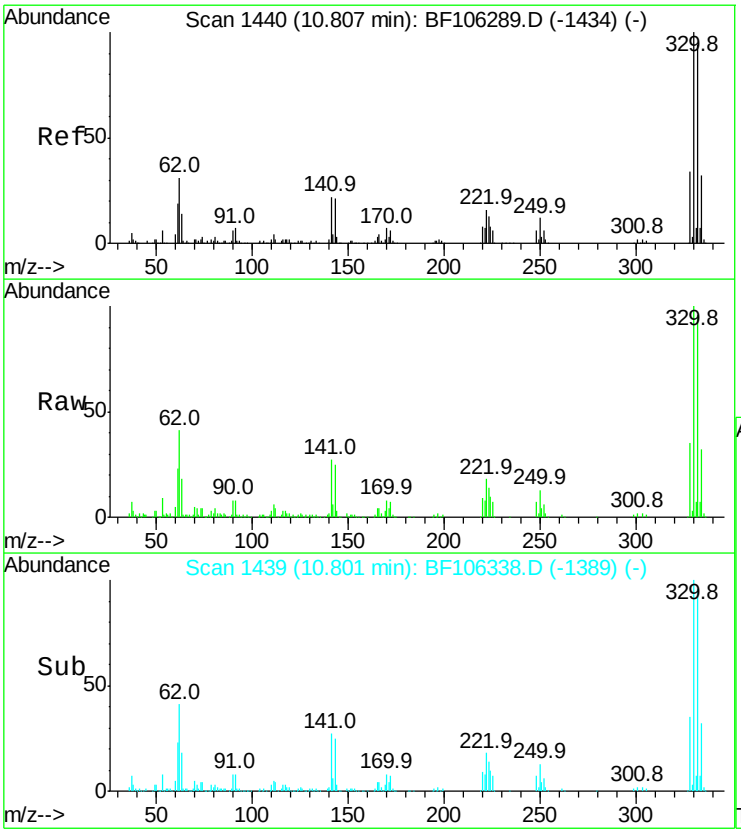
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 328616

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.2	38.3	57.5

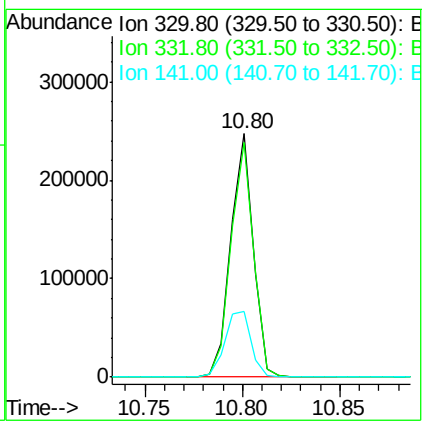


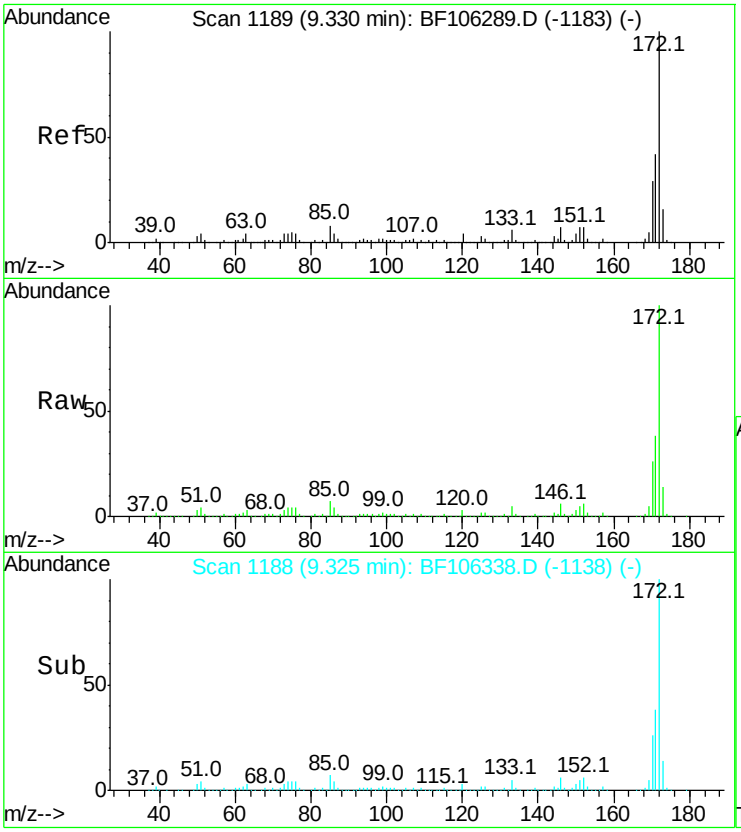


#41
2,4,6-Tribromophenol
Concen: 62.565 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:330 Resp: 197821

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.2	29.9	44.9



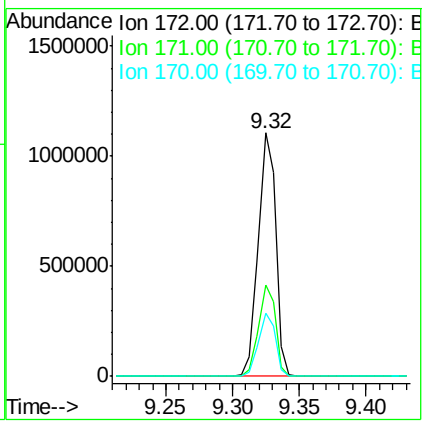


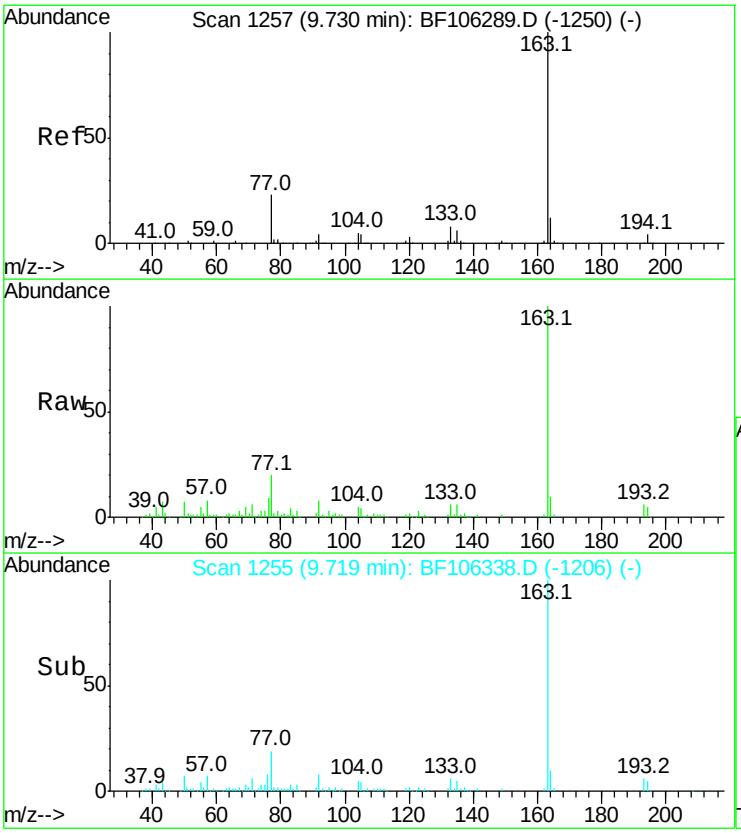
#44
2-Fluorobiphenyl
Concen: 44.796 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 989950

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.7	19.6	29.4

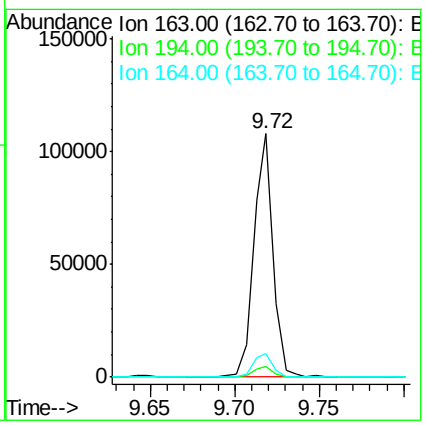


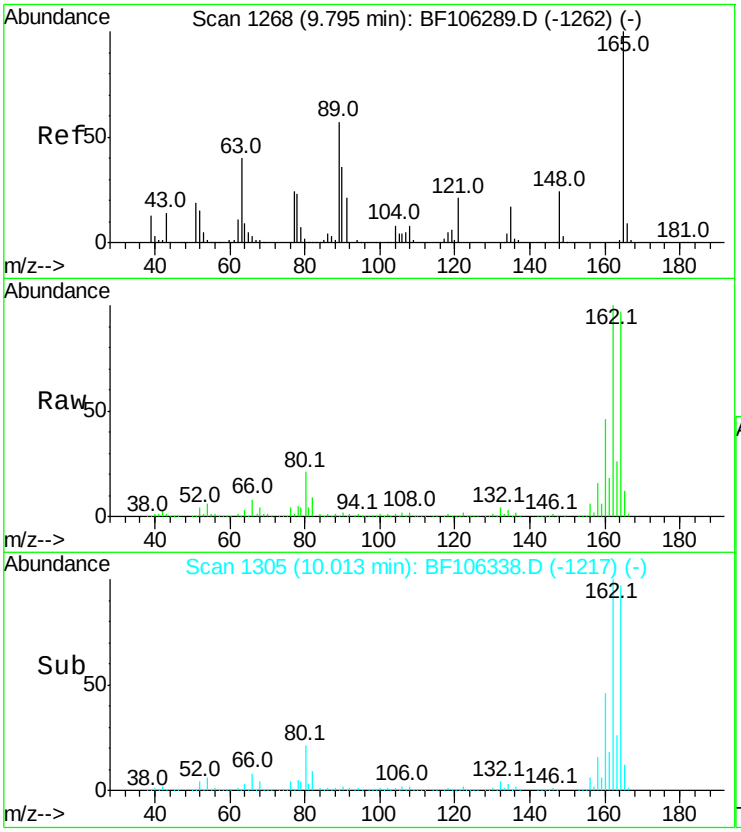


#49
Dimethylphthalate
Concen: 3.644 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:163 Resp: 85551

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.5	8.2	12.2



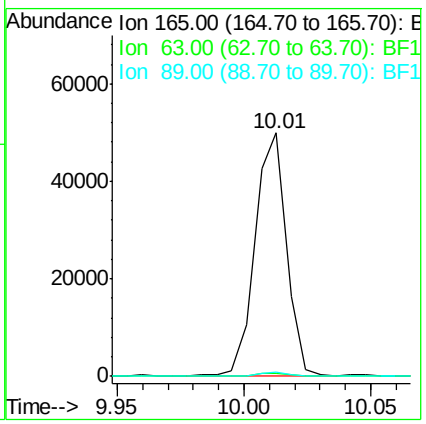


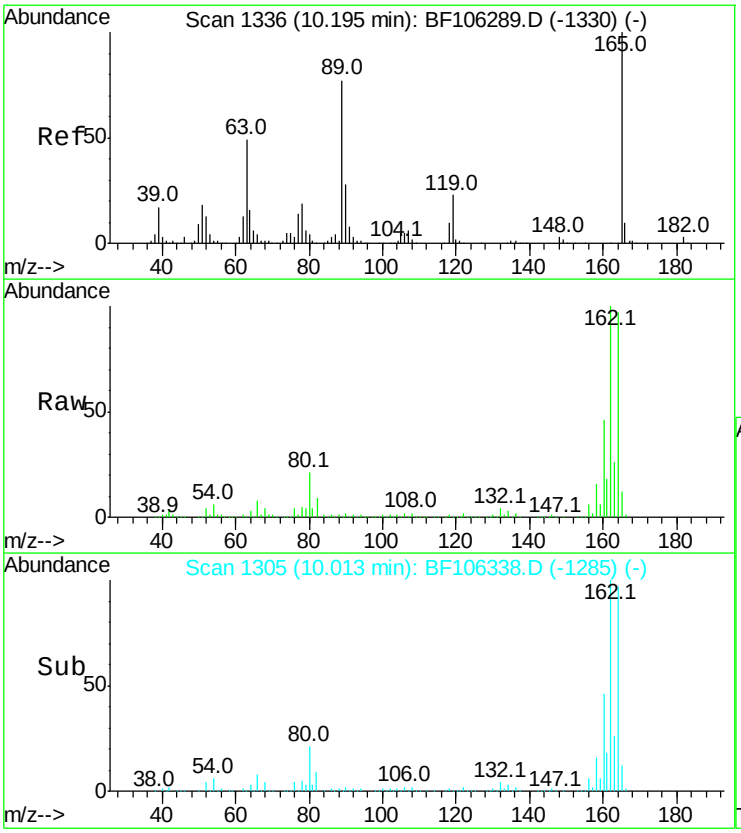
#50
2,6-Dinitrotoluene
Concen: 9.047 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.22 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43387

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

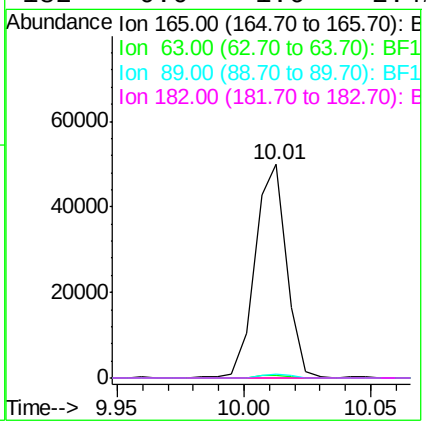


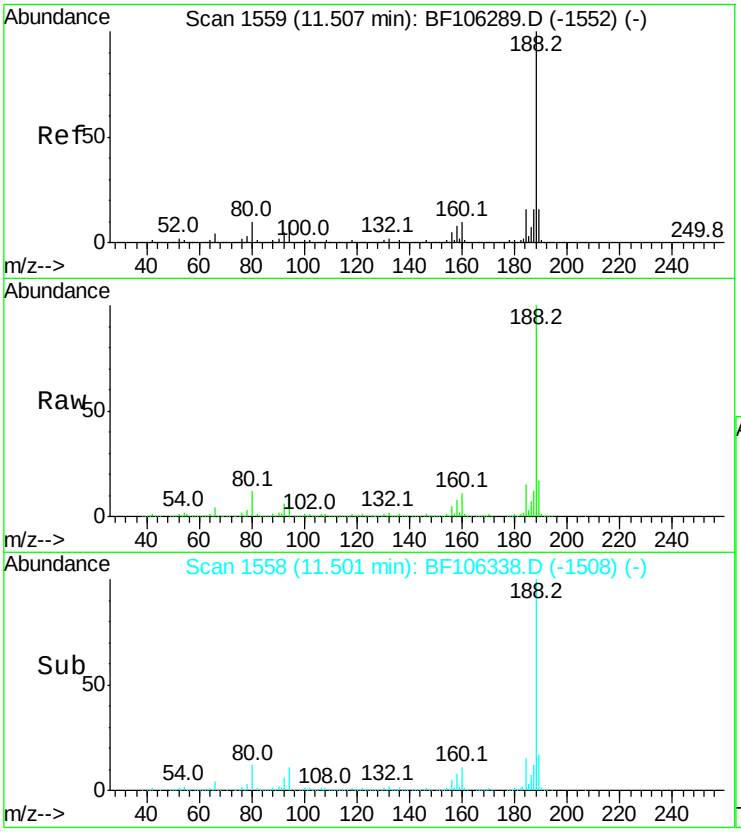


#56
2,4-Dinitrotoluene
Concen: 7.204 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:165 Resp: 43387

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



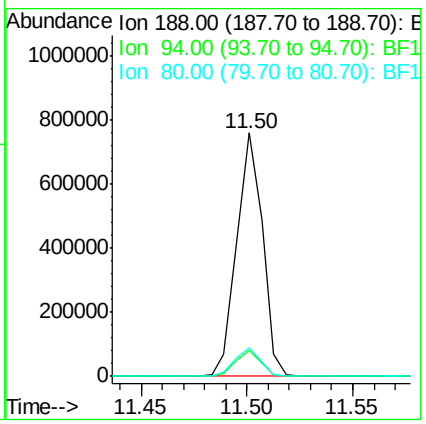


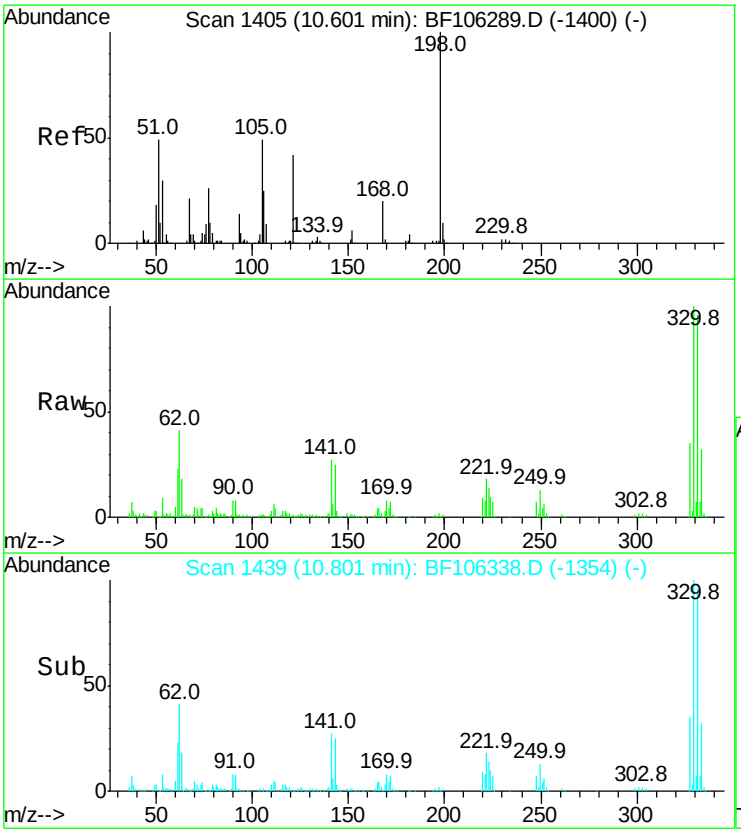
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 638726

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8

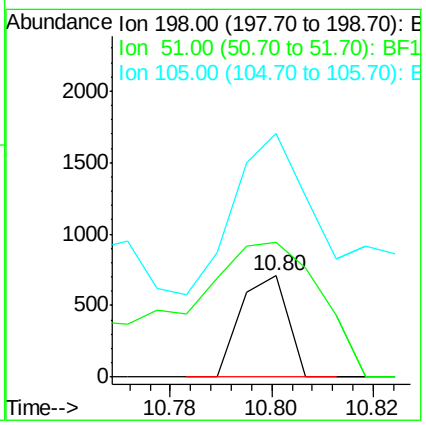


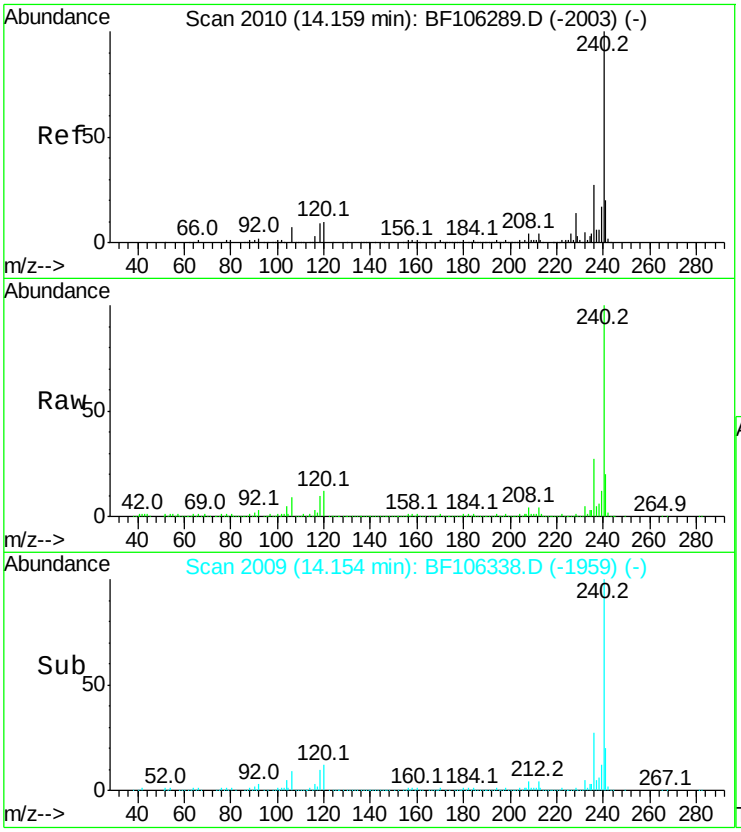


#64
4,6-Dinitro-2-methylphenol
Concen: 6.410 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:198 Resp: 458

Ion	Ratio	Lower	Upper
198	100		
51	133.5	37.7	77.7#
105	240.5	36.3	76.3#



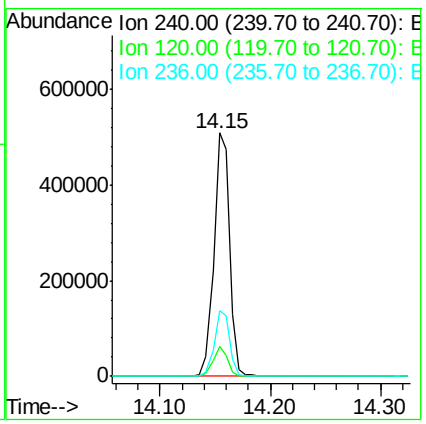


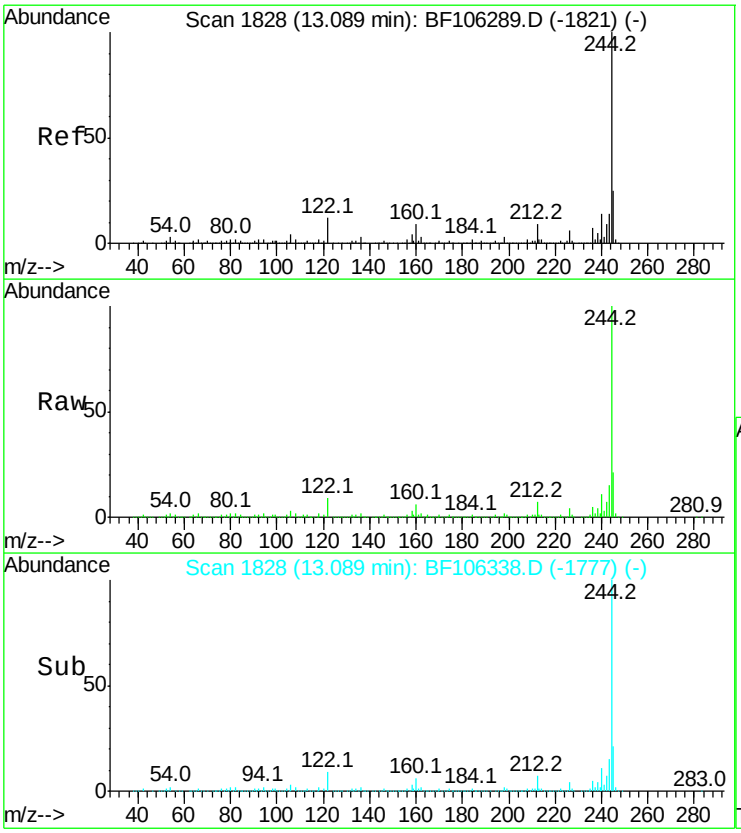
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 496966

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	27.2	20.7	31.1

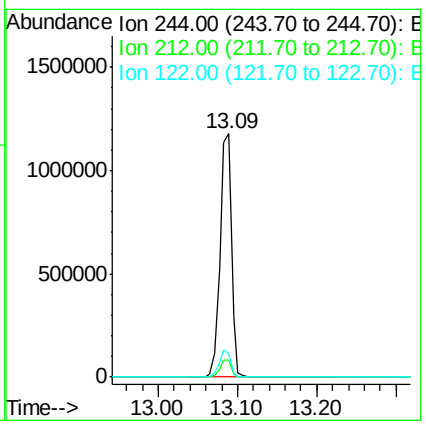


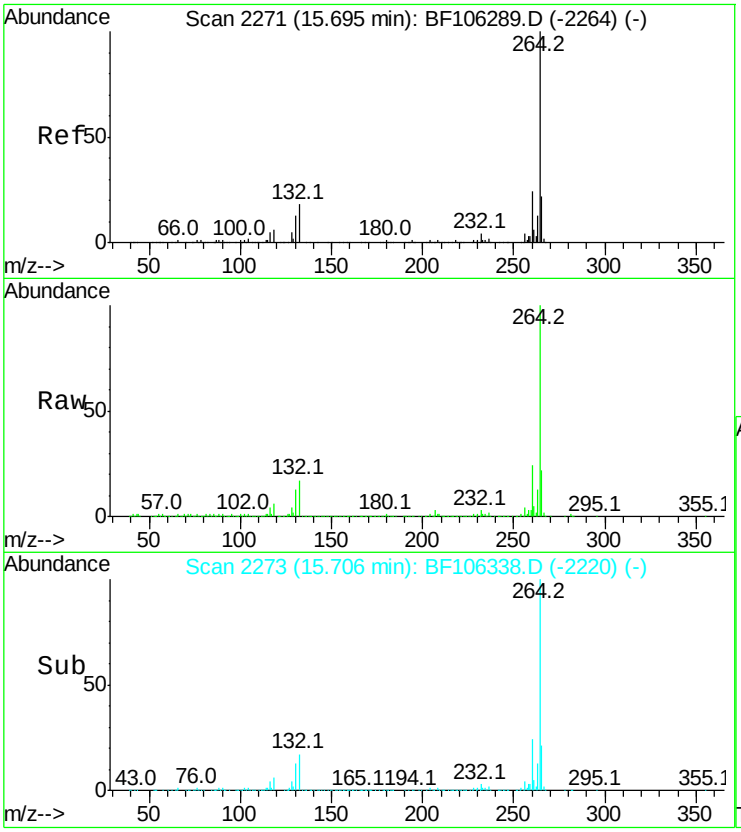


#78
Terphenyl-d14
Concen: 58.692 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Tgt Ion:244 Resp: 1174342

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106338.D
Acq: 12 Jun 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 517148

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3